

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060718\
 Data File : VD057986.D
 Acq On : 7 Jun 2018 21:59
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00u/5ml/MSVOA D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 6/8/2018 9:22:36 AM

Quant Time: Jun 08 08:10:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	911516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	1255228	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	1015073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	504483	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	459126	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.76%		
35) Dibromofluoromethane	5.54	113	494289	50.90	ug/l	-0.02
Spiked Amount 50.000			Recovery =	101.80%		
50) Toluene-d8	8.70	98	1136498	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.44%		
62) 4-Bromofluorobenzene	11.92	95	492092	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.72%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.35	85	575964	47.080	ug/l	99
3) Chloromethane	1.49	50	303749	50.414	ug/l	99
4) Vinyl Chloride	1.56	62	308140	52.835	ug/l	97
5) Bromomethane	1.80	94	113500	49.655	ug/l	96
6) Chloroethane	1.89	64	129066	56.091	ug/l #	86
7) Trichlorofluoromethane	2.09	101	412657	51.761	ug/l	97
8) Diethyl Ether	2.35	74	89300	60.297	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.56	101	251062	52.797	ug/l	95
10) Methyl Iodide	2.69	142	336820	54.894	ug/l	90
11) Tert butyl alcohol	3.26	59	69860m	286.168	ug/l	
12) 1,1-Dichloroethene	2.55	96	192824	52.745	ug/l	95
13) Acrolein	2.47	56	89549	256.135	ug/l	99
14) Allyl chloride	2.92	41	458274	54.342	ug/l	97
15) Acrylonitrile	3.35	53	403968	282.861	ug/l	94
16) Acetone	2.62	43	339219	258.369	ug/l	96
17) Carbon Disulfide	2.76	76	719987	54.365	ug/l	98
18) Methyl Acetate	2.93	43	143846	56.636	ug/l	99
19) Methyl tert-butyl Ether	3.40	73	888943	55.262	ug/l	98
20) Methylene Chloride	3.07	84	217431	60.282	ug/l	90
21) trans-1,2-Dichloroethene	3.38	96	428317	52.602	ug/l	97
22) Diisopropyl ether	4.06	45	1829711	54.766	ug/l	91
23) Vinyl Acetate	4.01	43	4958449	287.244	ug/l	100
24) 1,1-Dichloroethane	3.97	63	963176	52.456	ug/l	98
25) 2-Butanone	4.83	43	795585	266.637	ug/l	97
26) 2,2-Dichloropropane	4.79	77	732911	48.455	ug/l	94
27) cis-1,2-Dichloroethene	4.80	96	498997	51.670	ug/l	96
28) Bromochloromethane	5.14	49	466093	58.649	ug/l	99
29) Tetrahydrofuran	5.19	42	451268	288.513	ug/l	98
30) Chloroform	5.31	83	993426	53.758	ug/l	97
31) Cyclohexane	5.59	56	747024	47.143	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	821987	53.125	ug/l	97
36) 1,1-Dichloropropene	5.74	75	706878	51.115	ug/l	99
37) Ethyl Acetate	4.92	43	432033	57.254	ug/l	96
38) Carbon Tetrachloride	5.72	117	691890	50.765	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.27	83	695005	50.696	ug/l	98
40) Benzene	6.01	78	1599782	49.520	ug/l	100
41) Methacrylonitrile	5.12	41	203917	59.101	ug/l #	95
42) 1,2-Dichloroethane	6.12	62	690752	52.883	ug/l	99
43) Isopropyl Acetate	7.61	43	552656	55.914	ug/l #	96
44) Trichloroethene	6.98	130	477576	50.610	ug/l	99
45) 1,2-Dichloropropane	7.34	63	466202	51.922	ug/l	95
46) Dibromomethane	7.46	93	309182	53.603	ug/l	98
47) Bromodichloromethane	7.73	83	717581	53.133	ug/l	95
48) Methyl methacrylate	7.50	41	329787	54.210	ug/l	100
49) 1,4-Dioxane	7.48	88	56988	1130.779	ug/l	94
51) 4-Methyl-2-Pentanone	8.59	43	1758115	277.319	ug/l	99
52) Toluene	8.79	92	940070	50.703	ug/l	100
53) t-1,3-Dichloropropene	9.18	75	642562	55.224	ug/l	98
54) cis-1,3-Dichloropropene	8.36	75	745329	54.372	ug/l	98
55) 1,1,2-Trichloroethane	9.45	97	321849	53.636	ug/l	96
56) Ethyl methacrylate	9.30	69	412250	56.007	ug/l	95
57) 1,3-Dichloropropane	9.65	76	551813	52.432	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.18	63	961237	258.480	ug/l	100
59) 2-Hexanone	9.77	43	1265411	272.368	ug/l	97
60) Dibromochloromethane	9.95	129	488489	57.729	ug/l	95
61) 1,2-Dibromoethane	10.09	107	379811	55.040	ug/l	95
64) Tetrachloroethene	9.51	164	465759	51.325	ug/l	98
65) Chlorobenzene	10.72	112	1046916	50.946	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.84	131	409794	51.905	ug/l	99
67) Ethyl Benzene	10.85	91	1852794	49.907	ug/l	100
68) m/p-Xylenes	11.00	106	1193591	98.621	ug/l	93
69) o-Xylene	11.40	106	602106	50.120	ug/l	99
70) Styrene	11.43	104	982667	49.412	ug/l	100
71) Bromoform	11.59	173	345485	58.169	ug/l	96
73) Isopropylbenzene	11.76	105	1606943	48.091	ug/l	97
74) N-amyl acetate	11.64	43	706464	54.791	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.07	83	409149	56.161	ug/l	98
76) 1,2,3-Trichloropropane	12.11	75	420266	55.458	ug/l	98
77) Bromobenzene	12.04	156	519894	52.563	ug/l	83
78) n-propylbenzene	12.15	91	2182440	50.193	ug/l	97
79) 2-Chlorotoluene	12.20	91	1256275	50.646	ug/l	99
80) 1,3,5-Trimethylbenzene	12.31	105	1301064	49.928	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.84	75	102000	54.343	ug/l	98
82) 4-Chlorotoluene	12.32	91	1338118	55.841	ug/l	90
83) tert-Butylbenzene	12.57	119	1505533	51.166	ug/l	95
84) 1,2,4-Trimethylbenzene	12.62	105	1385871	49.462	ug/l	98
85) sec-Butylbenzene	12.75	105	1775365	49.995	ug/l	97
86) p-Isopropyltoluene	12.88	119	1411444	49.315	ug/l	96
87) 1,3-Dichlorobenzene	12.83	146	857581	51.257	ug/l	99
88) 1,4-Dichlorobenzene	12.92	146	826562	50.704	ug/l	97
89) n-Butylbenzene	13.19	91	1385842	54.113	ug/l	98
90) Hexachloroethane	13.40	117	395225	54.103	ug/l	87
91) 1,2-Dichlorobenzene	13.19	146	673993	49.848	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.77	75	68981	61.351	ug/l	70

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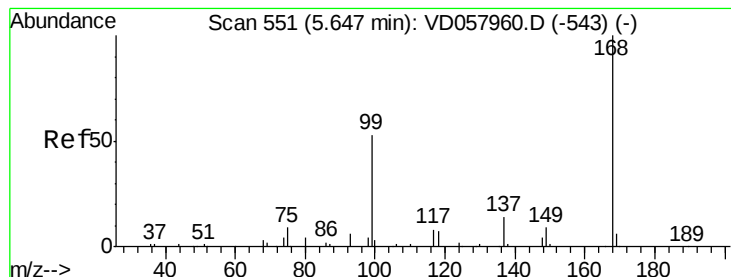
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	662201	52.422	ug/l	99
94) Hexachlorobutadiene	14.43	225	504073	50.732	ug/l	97
95) Naphthalene	14.51	128	904444	55.532	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	576498	53.551	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed



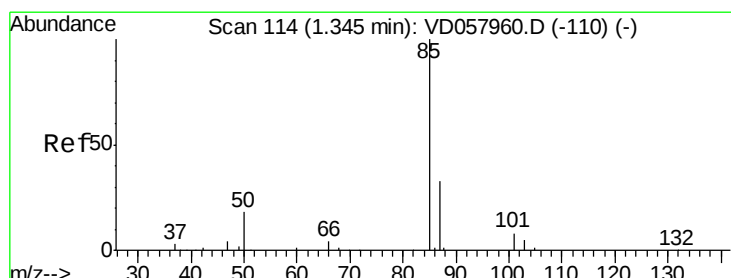
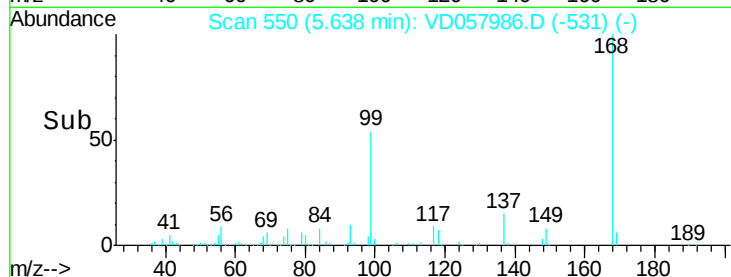
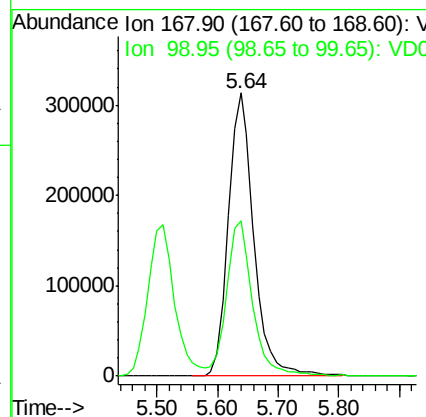
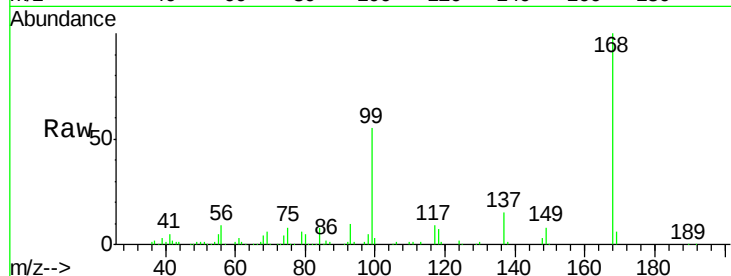
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 550
Delta R.T. -0.01 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
168	100			
99	55.0	46.8	70.2	

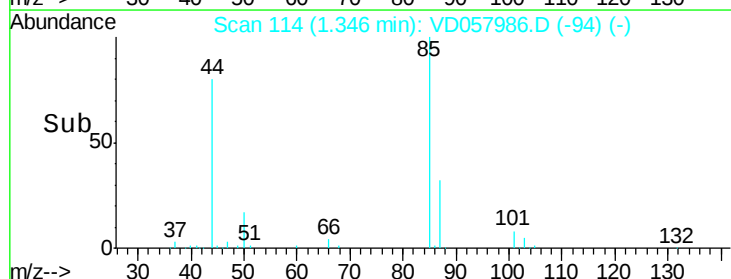
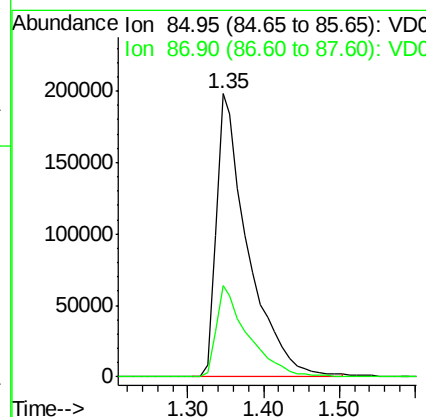
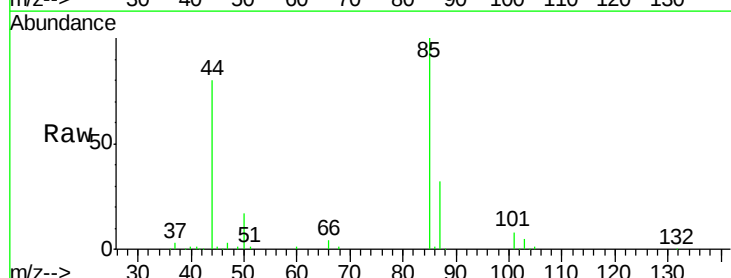
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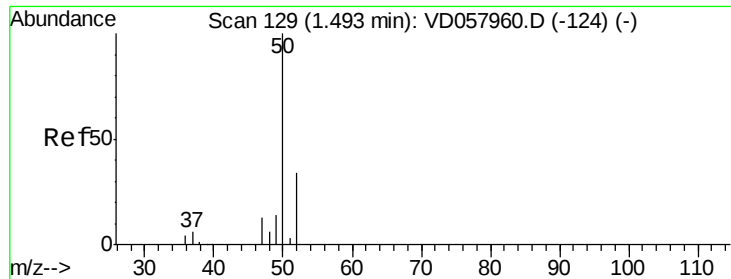
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#2
Dichlorodifluoromethane
Concen: 47.080 ug/l
RT: 1.35 min Scan# 114
Delta R.T. 0.00 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Tgt Ion	Ion	Ratio	Lower	Upper
85	100			
87	32.3	16.4	49.2	





#3

Chloromethane

Concen: 50.414 ug/l

RT: 1.49 min Scan# 129

Delta R.T. 0.00 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 303749

Ion Ratio Lower Upper

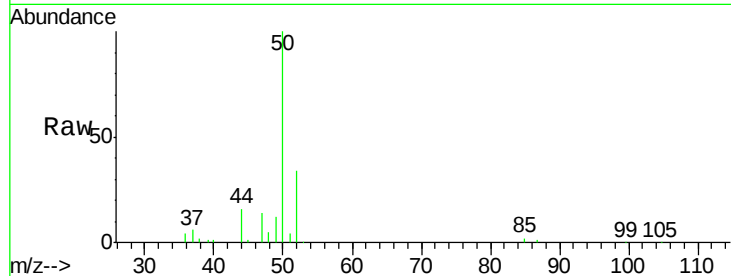
50 100

52 33.7 27.2 40.8

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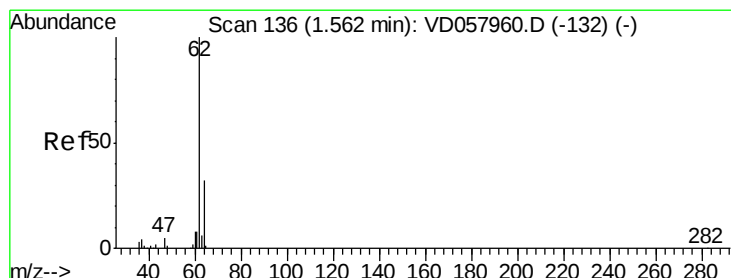
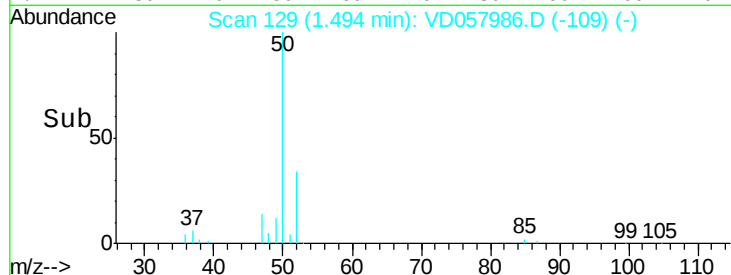
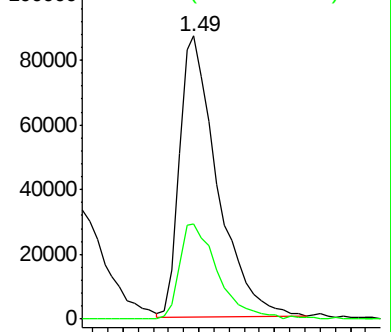
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 52.835 ug/l

RT: 1.56 min Scan# 136

Delta R.T. 0.00 min

Lab File: VD057986.D

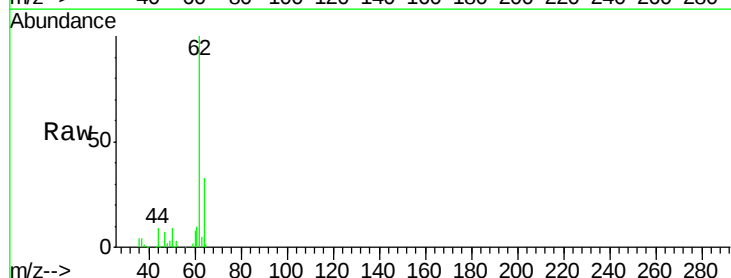
Acq: 7 Jun 2018 21:59

Tgt Ion: 62 Resp: 308140

Ion Ratio Lower Upper

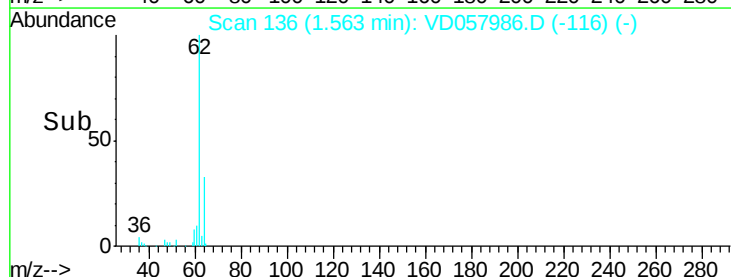
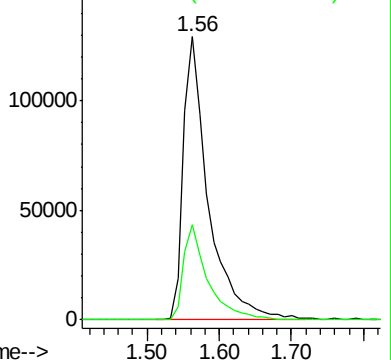
62 100

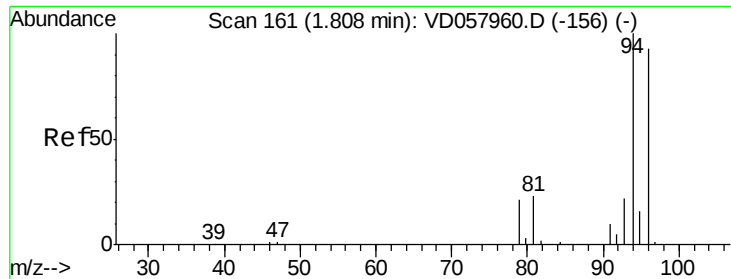
64 33.5 25.4 38.2



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 49.655 ug/l

RT: 1.80 min Scan# 160

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 113500

Ion Ratio Lower Upper

94 100

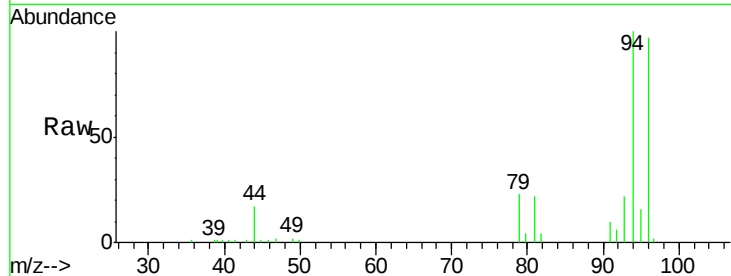
96 96.6 74.3 111.5

Manual Integrations

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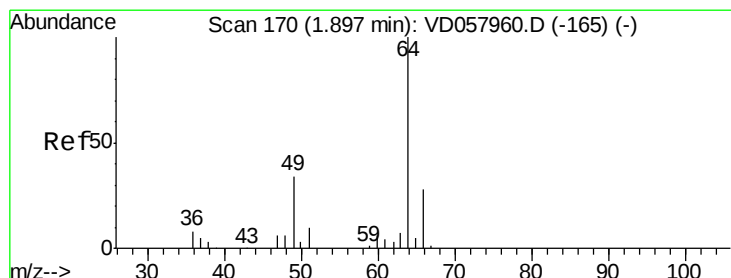
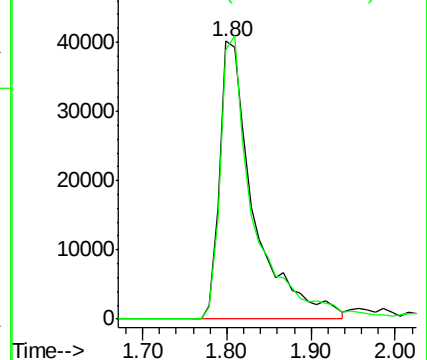
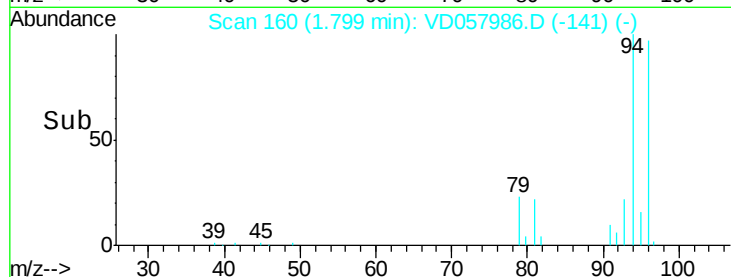
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 56.091 ug/l

RT: 1.89 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD057986.D

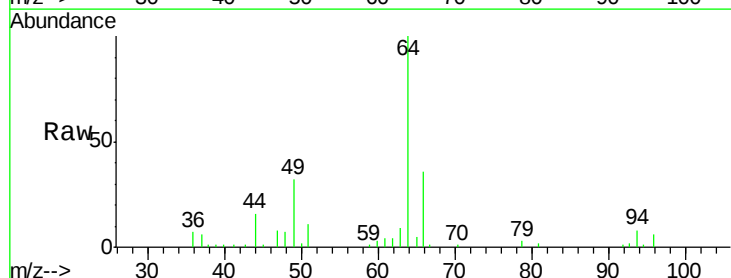
Acq: 7 Jun 2018 21:59

Tgt Ion: 64 Resp: 129066

Ion Ratio Lower Upper

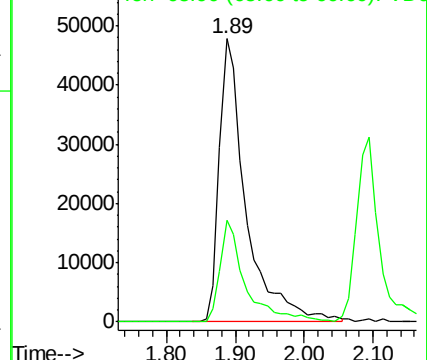
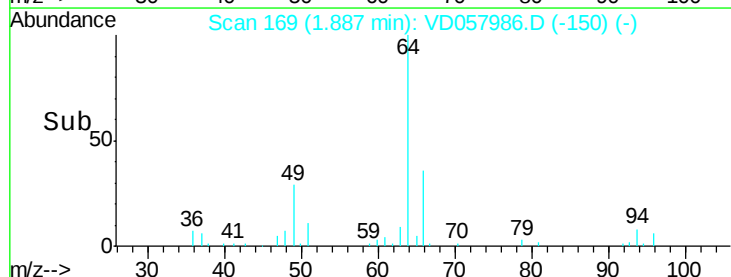
64 100

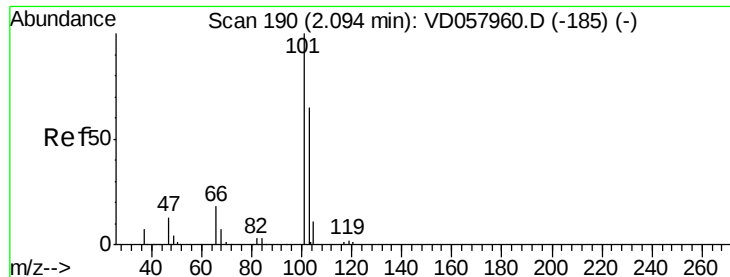
66 36.0 22.8 34.2#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

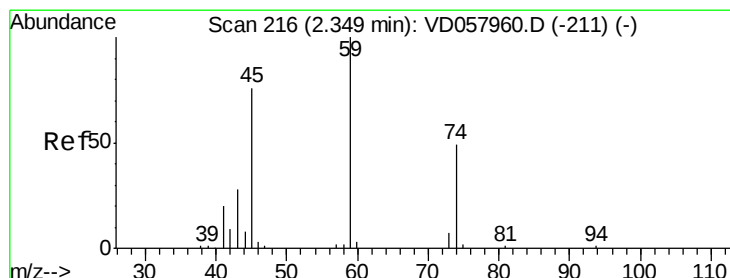
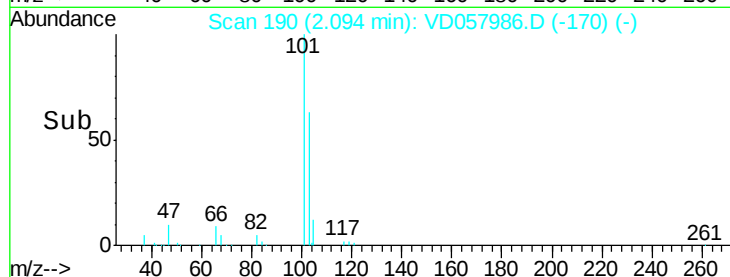
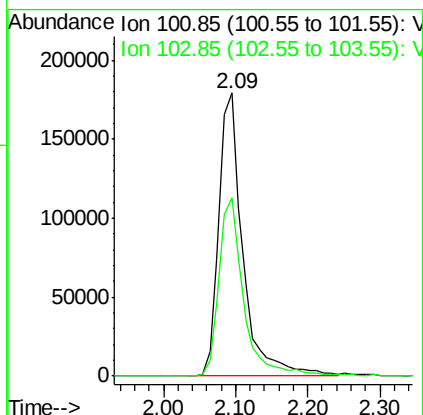
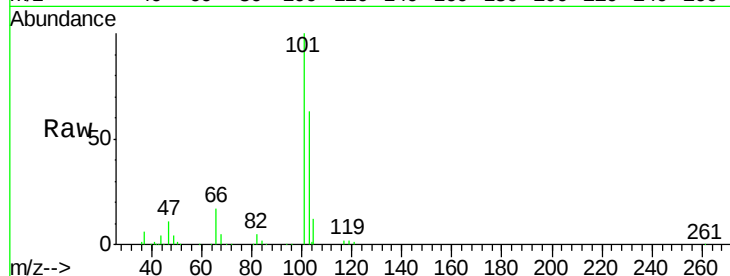
Trichlorofluoromethane
 Concen: 51.761 ug/l
 RT: 2.09 min Scan# 190
 Delta R.T. 0.00 min
 Lab File: VD057986.D
 Acq: 7 Jun 2018 21:59

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	52.4	78.6

Manual Integrations
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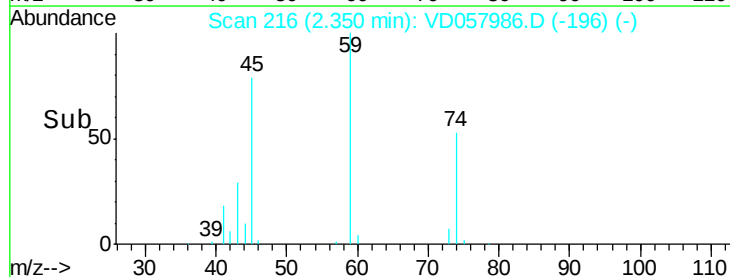
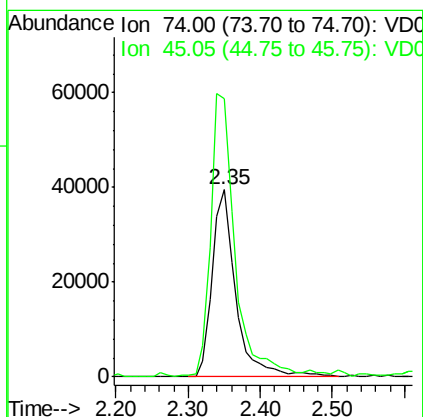
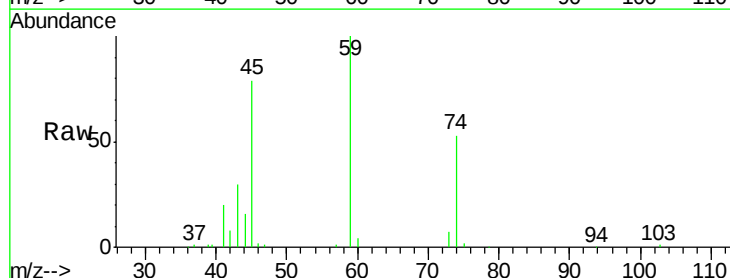
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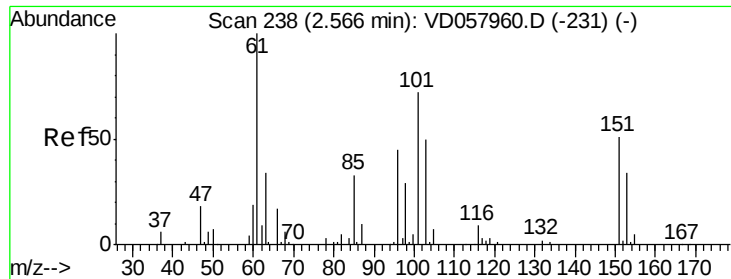


#8

Diethyl Ether
 Concen: 60.297 ug/l
 RT: 2.35 min Scan# 216
 Delta R.T. 0.00 min
 Lab File: VD057986.D
 Acq: 7 Jun 2018 21:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	148.5	77.1	231.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.797 ug/l

RT: 2.56 min Scan# 237

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

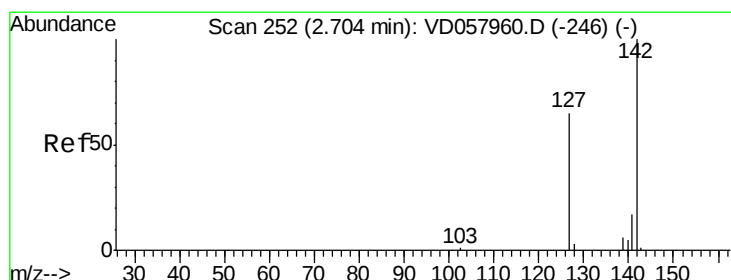
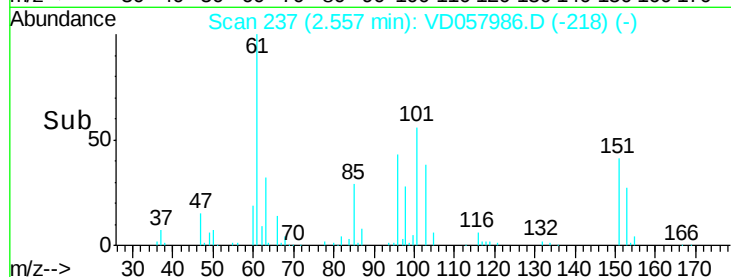
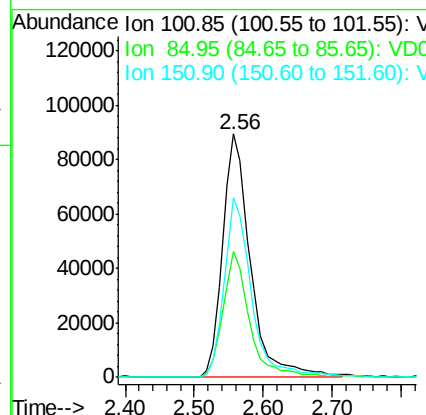
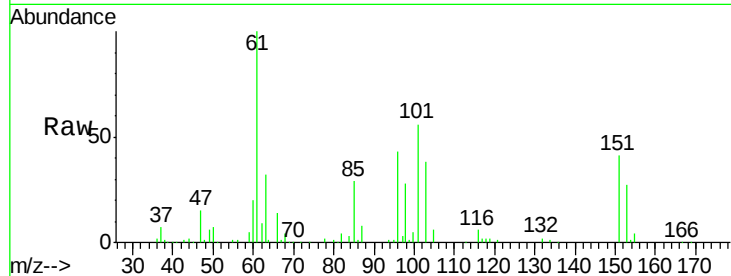
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	251062
Ion Ratio	Lower	Upper	
101	100		
85	51.8	37.3	55.9
151	74.0	57.0	85.6

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#10

Methyl Iodide

Concen: 54.894 ug/l

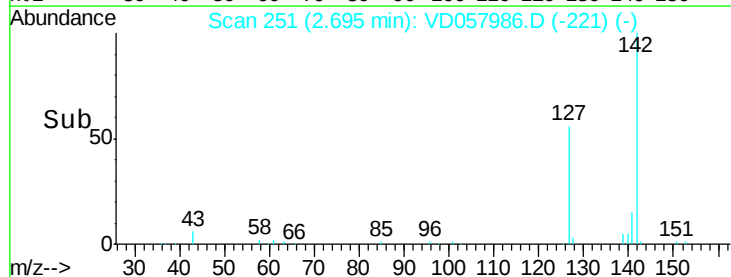
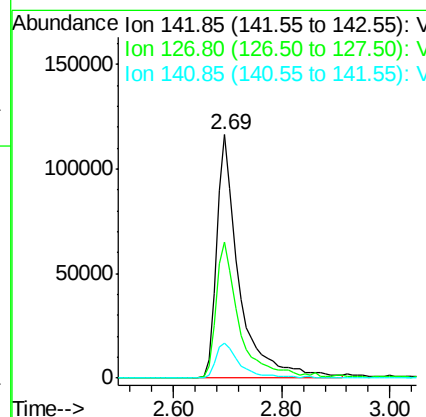
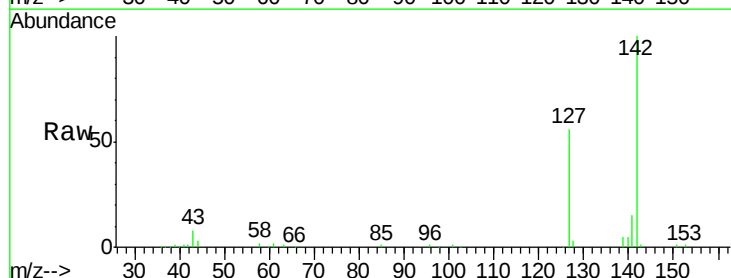
RT: 2.69 min Scan# 251

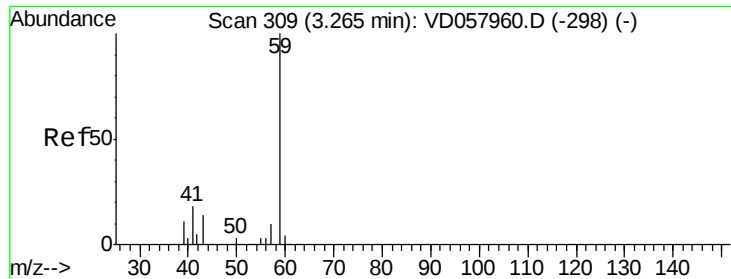
Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Tgt Ion:	142	Resp:	336820
Ion Ratio	Lower	Upper	
142	100		
127	56.1	52.0	78.0
141	14.6	13.2	19.8





#11

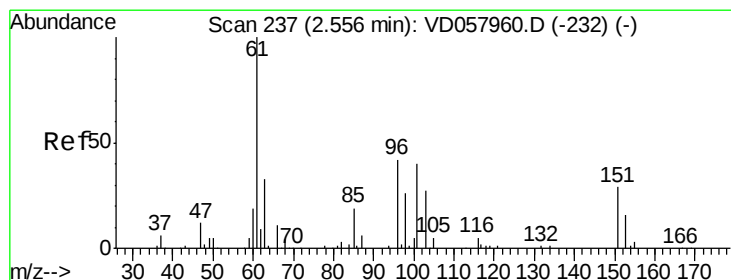
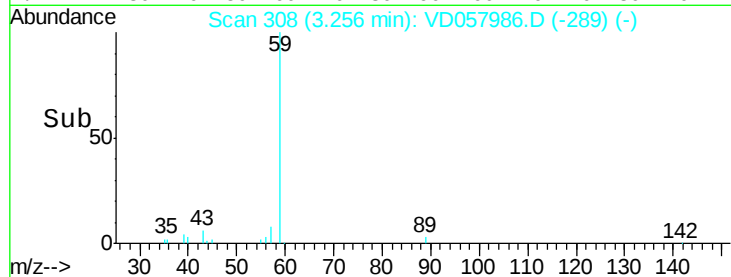
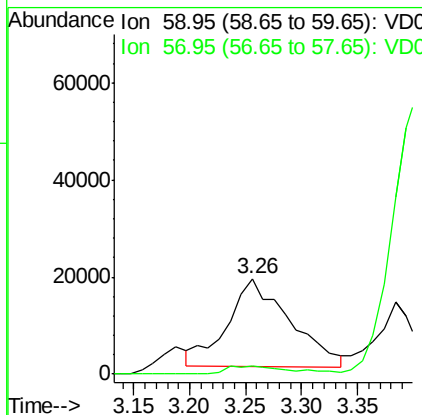
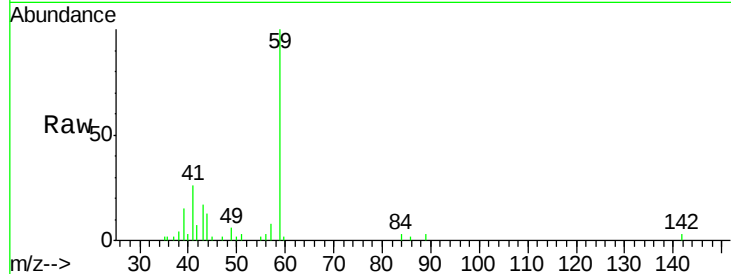
Tert butyl alcohol
Concen: 286.168 ug/l m
RT: 3.26 min Scan# 308
Delta R.T. -0.01 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 69860
Ion Ratio Lower Upper
59 100
57 8.0 7.8 11.6

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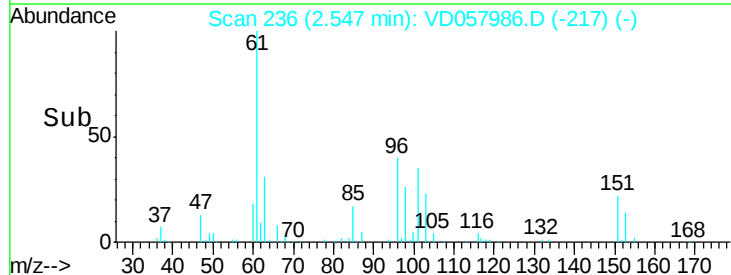
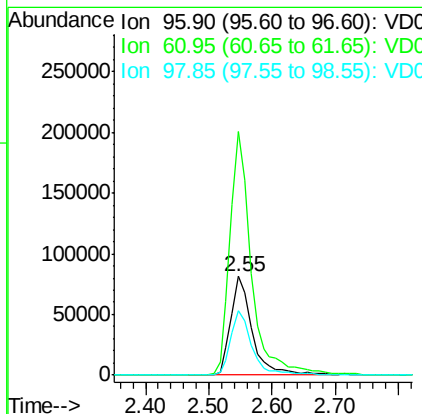
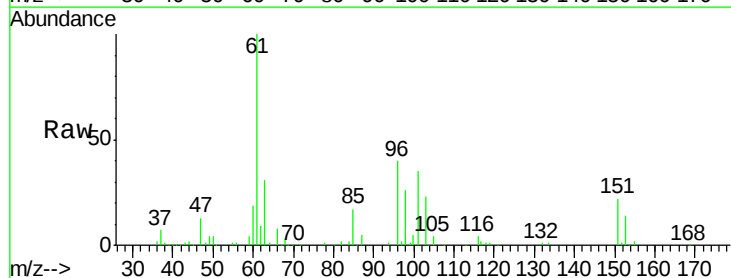
apatel
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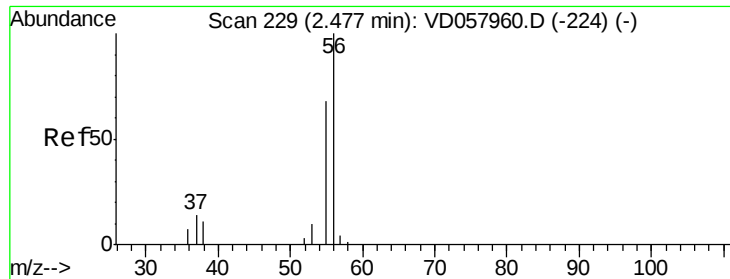


#12

1,1-Dichloroethene
Concen: 52.745 ug/l
RT: 2.55 min Scan# 236
Delta R.T. -0.01 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Tgt Ion: 96 Resp: 192824
Ion Ratio Lower Upper
96 100
61 247.4 190.2 285.4
98 65.1 49.6 74.4





#13

Acrolein

Concen: 256.135 ug/l

RT: 2.47 min Scan# 228

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 89549

Ion Ratio Lower Upper

56 100

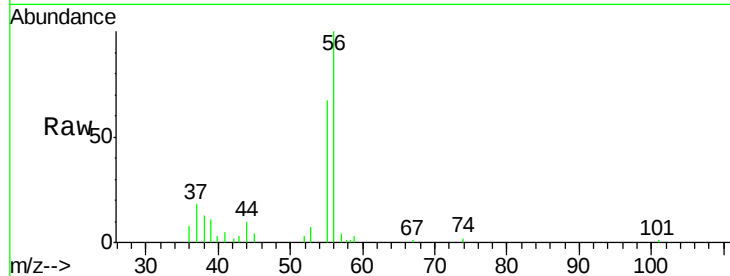
55 66.9 54.0 81.0

Manual Integrations

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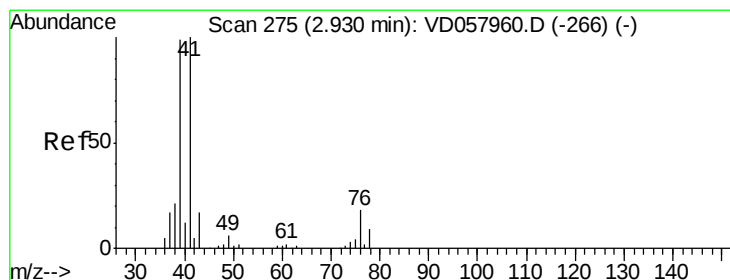
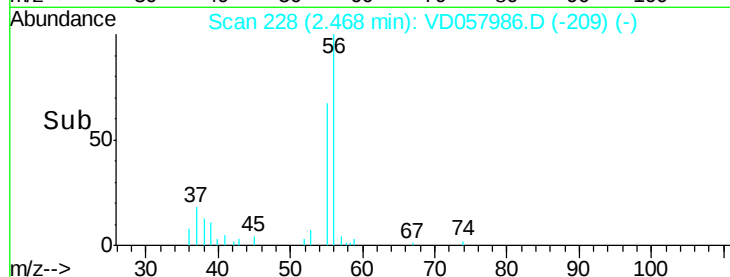
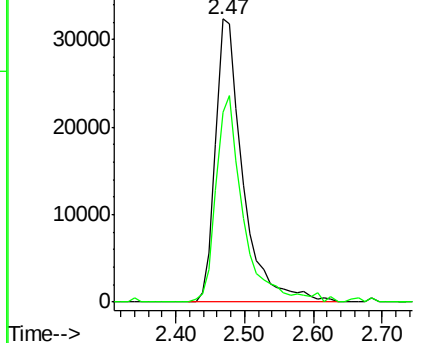
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Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 54.342 ug/l

RT: 2.92 min Scan# 274

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

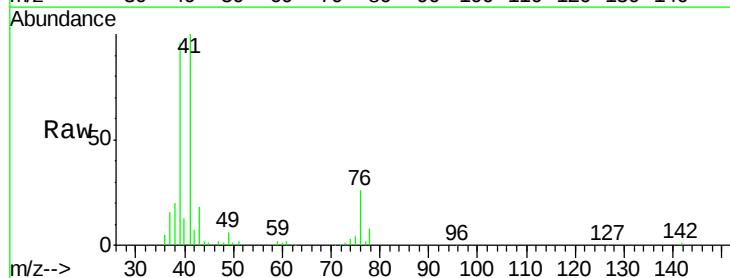
Tgt Ion: 41 Resp: 458274

Ion Ratio Lower Upper

41 100

39 96.3 79.5 119.3

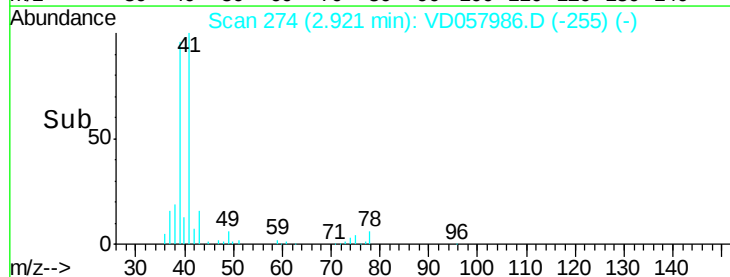
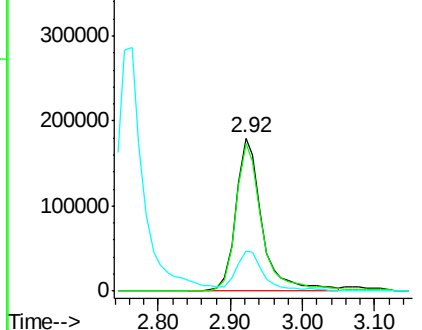
76 26.3 20.7 31.1

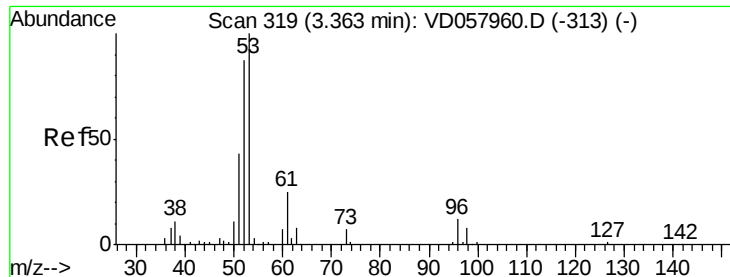


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 282.861 ug/l

RT: 3.35 min Scan# 318

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

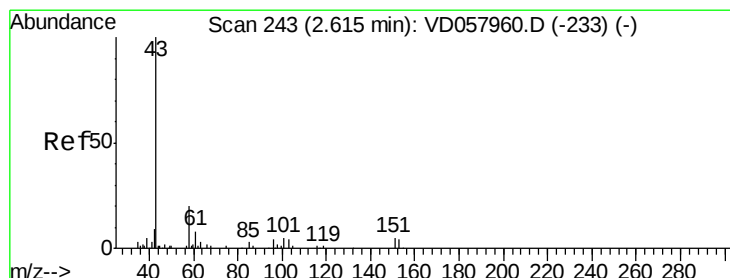
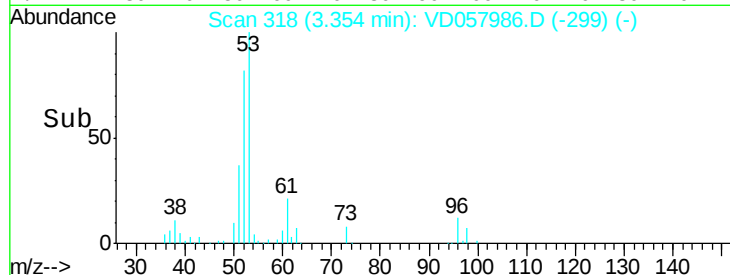
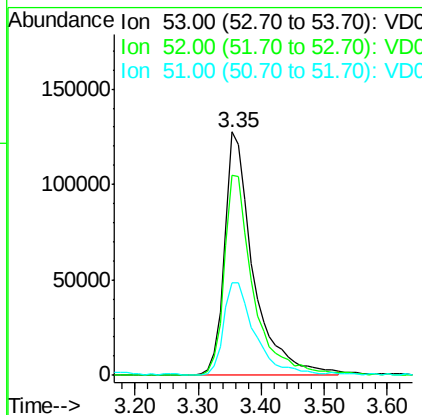
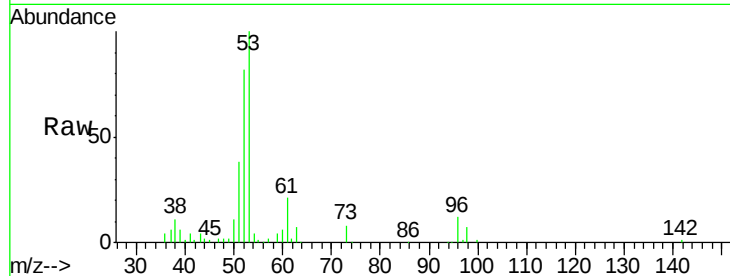
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	403968
Ion	Ratio	Lower	Upper
53	100		
52	82.0	69.9	104.9
51	38.0	34.3	51.5

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#16

Acetone

Concen: 258.369 ug/l

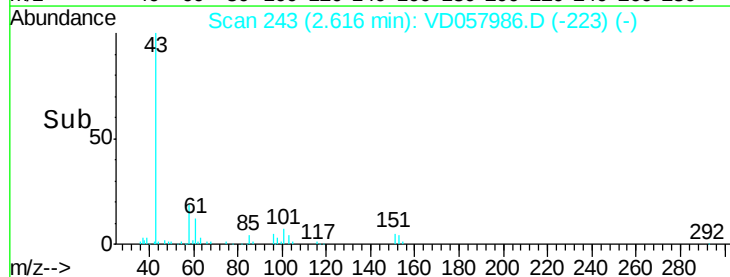
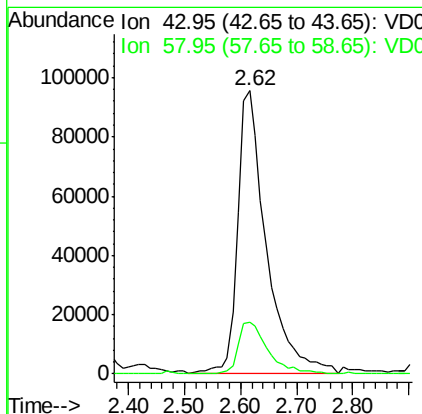
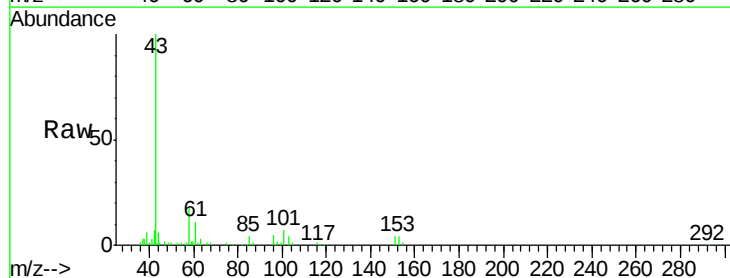
RT: 2.62 min Scan# 243

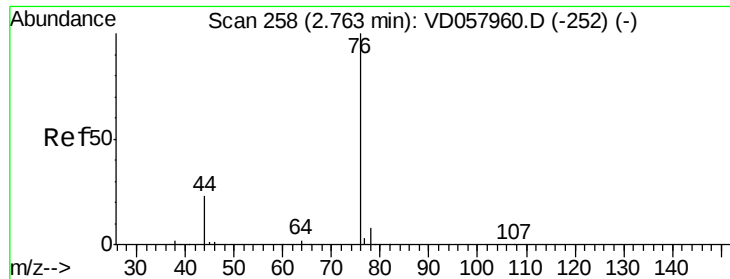
Delta R.T. 0.00 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Tgt Ion:	43	Resp:	339219
Ion	Ratio	Lower	Upper
43	100		
58	18.1	15.8	23.8





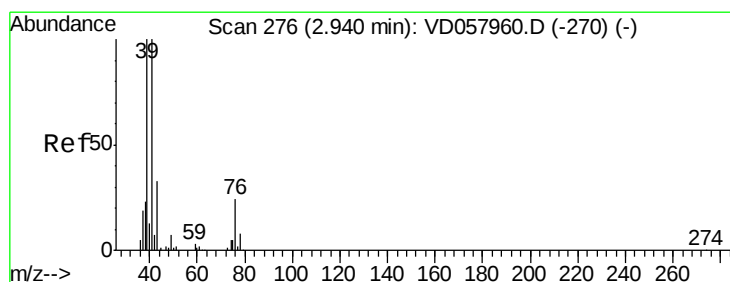
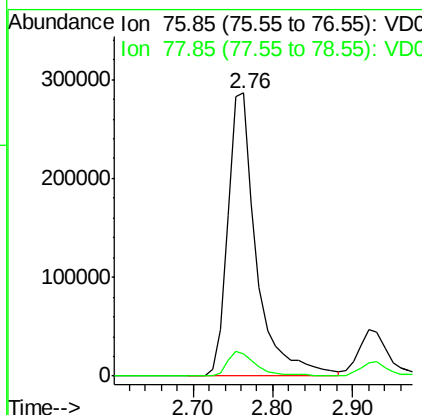
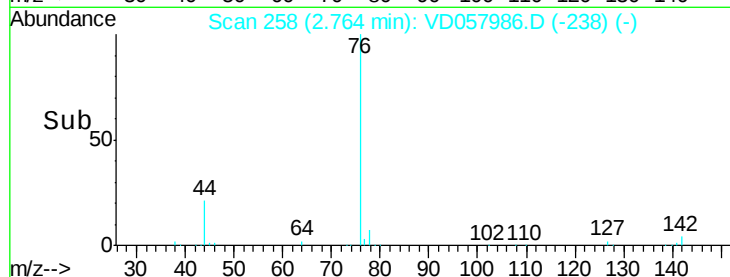
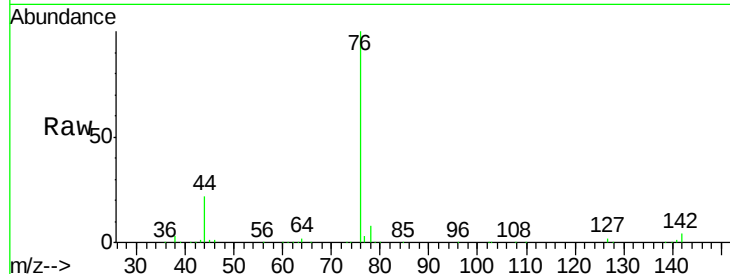
#17
Carbon Disulfide
Concen: 54.365 ug/l
RT: 2.76 min Scan# 258
Delta R.T. 0.00 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.8	6.7	10.1

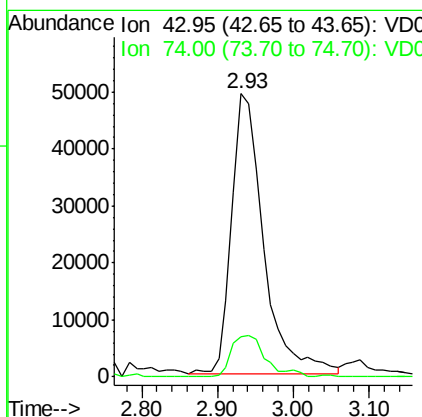
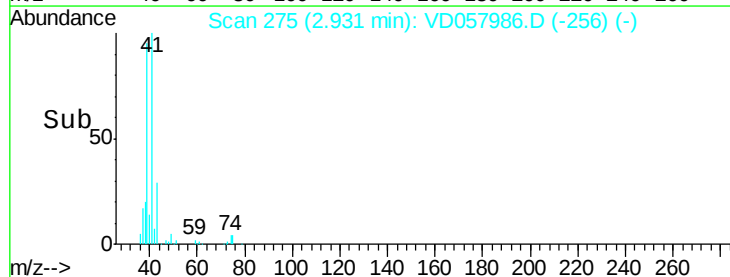
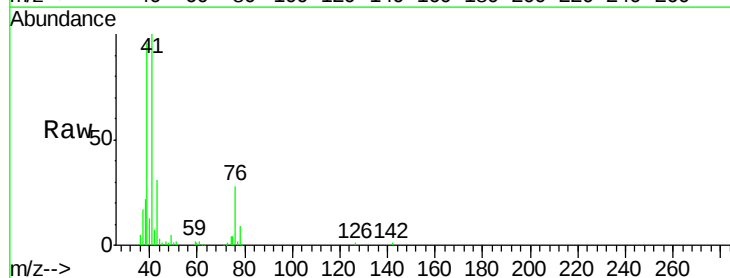
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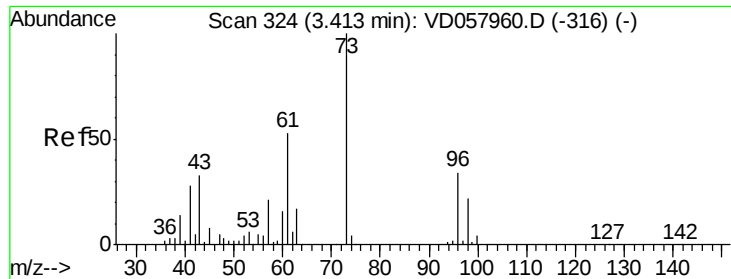
apatel
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#18
Methyl Acetate
Concen: 56.636 ug/l
RT: 2.93 min Scan# 275
Delta R.T. -0.01 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	14.4	11.2	16.8





#19

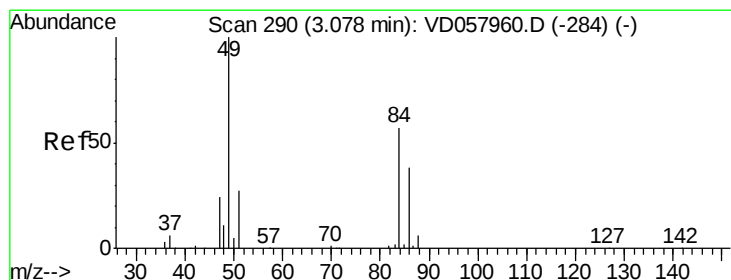
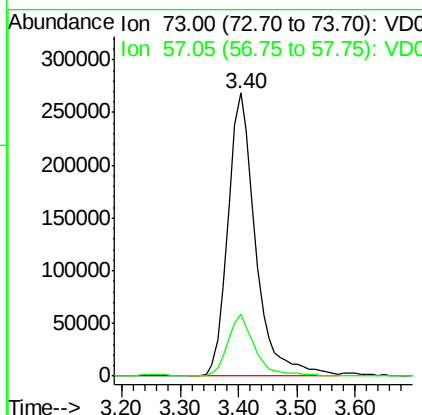
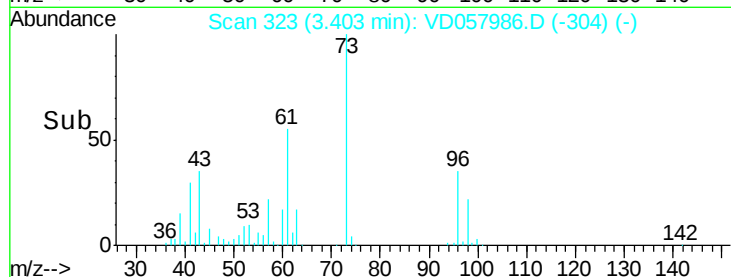
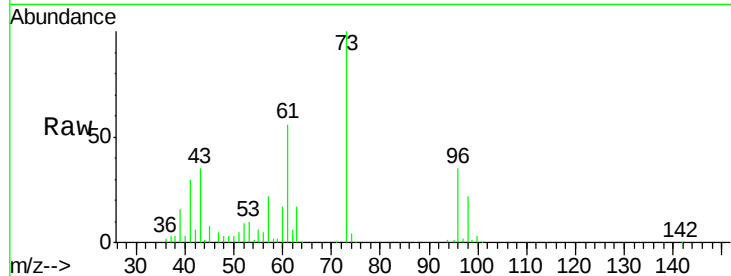
Methyl tert-butyl Ether
 Concen: 55.262 ug/l
 RT: 3.40 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VD057986.D
 Acq: 7 Jun 2018 21:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 73 Resp: 888943
 Ion Ratio Lower Upper
 73 100
 57 21.7 16.7 25.1

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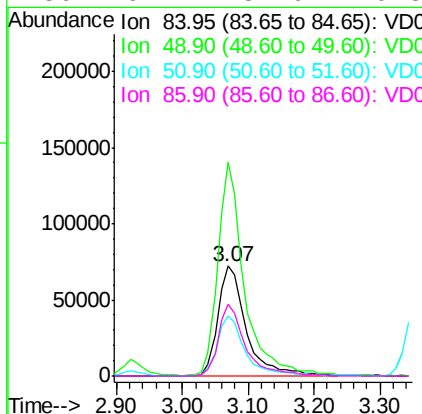
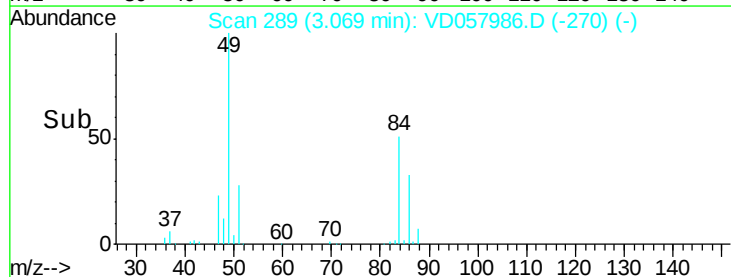
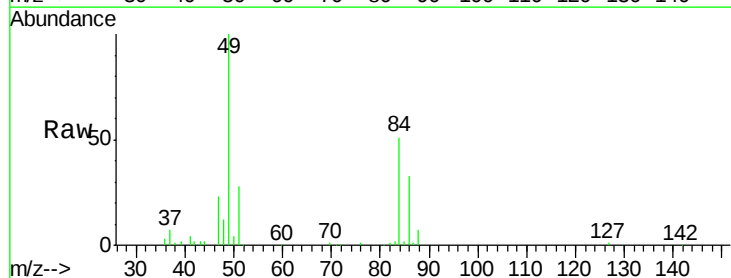
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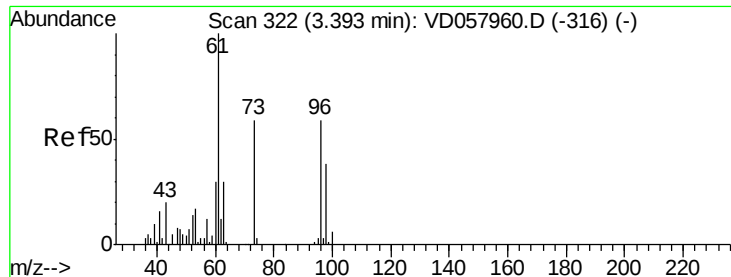


#20

Methylene Chloride
 Concen: 60.282 ug/l
 RT: 3.07 min Scan# 289
 Delta R.T. -0.01 min
 Lab File: VD057986.D
 Acq: 7 Jun 2018 21:59

Tgt Ion: 84 Resp: 217431
 Ion Ratio Lower Upper
 84 100
 49 194.3 141.4 212.0
 51 54.8 38.3 57.5
 86 64.7 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 52.602 ug/l

RT: 3.38 min Scan# 321

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 428317

Ion Ratio Lower Upper

96 100

61 172.6 135.2 202.8

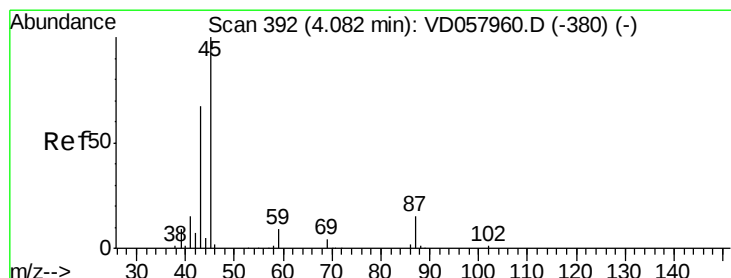
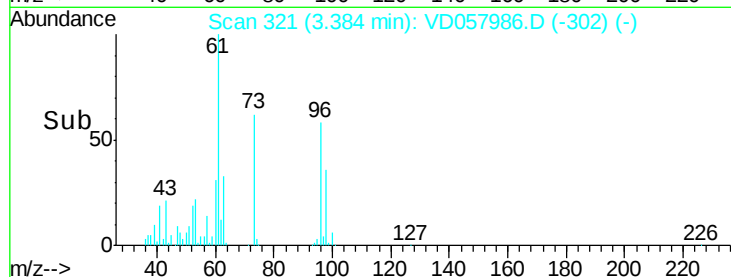
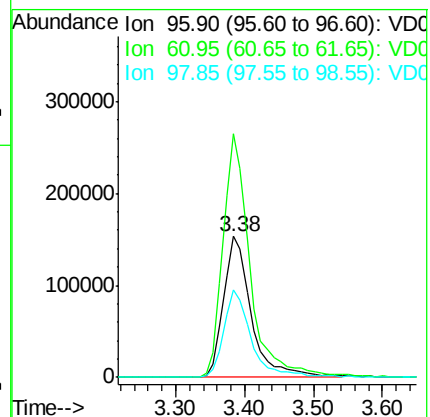
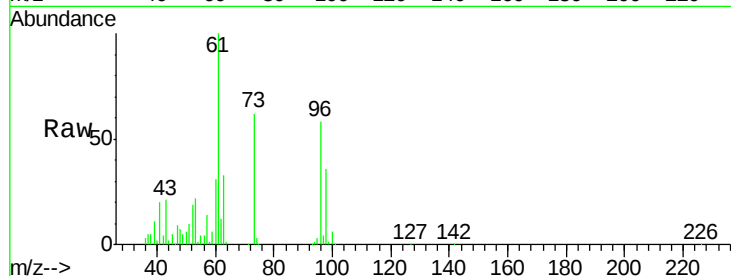
98 62.1 51.7 77.5

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#22

Diisopropyl ether

Concen: 54.766 ug/l

RT: 4.06 min Scan# 390

Delta R.T. -0.02 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Tgt Ion: 45 Resp: 1829711

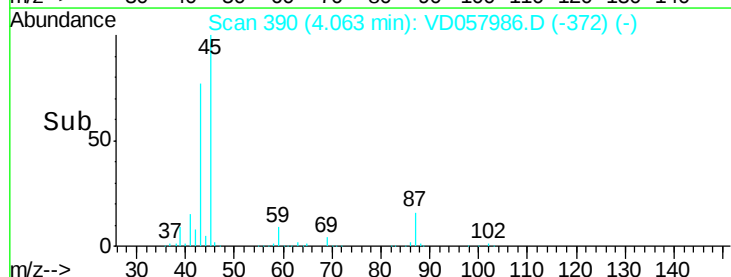
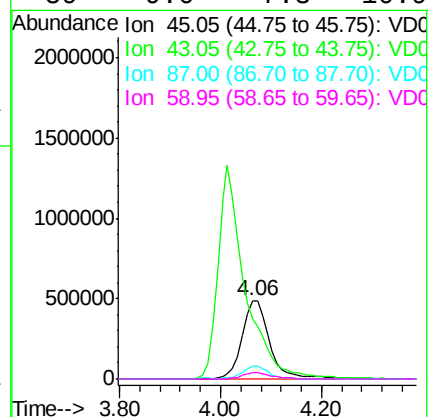
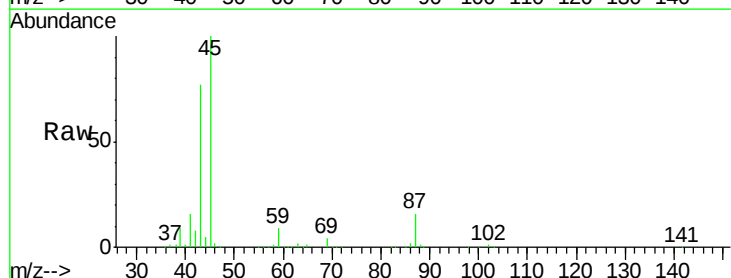
Ion Ratio Lower Upper

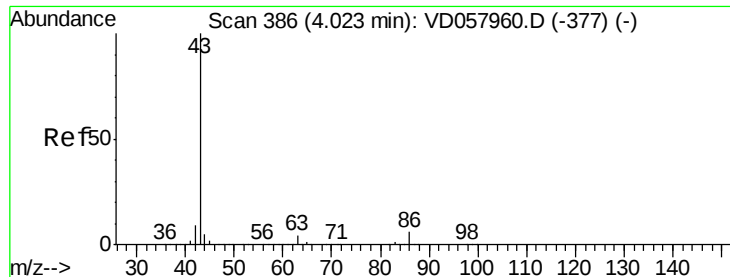
45 100

43 76.6 53.8 80.8

87 15.9 12.5 18.7

59 9.0 7.3 10.9





#23

Vinyl Acetate

Concen: 287.244 ug/l

RT: 4.01 min Scan# 385

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 4958449

Ion Ratio Lower Upper

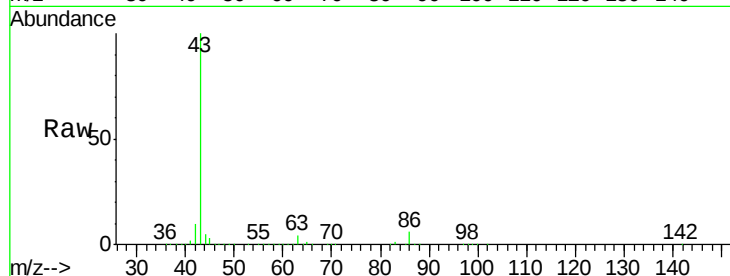
43 100

86 6.0 4.7 7.1

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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC

4.01

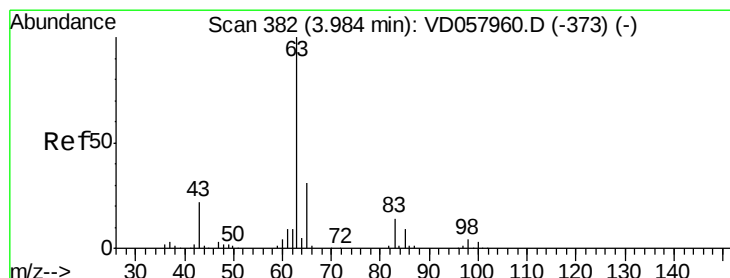
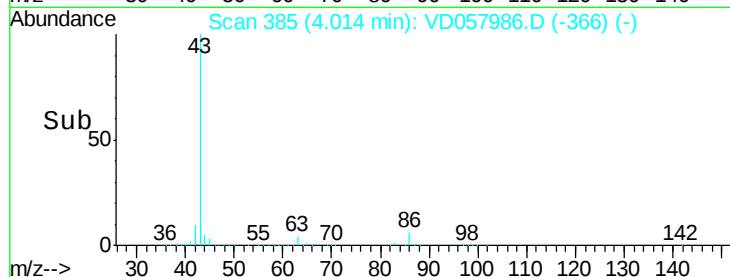
1500000

1000000

500000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.456 ug/l

RT: 3.97 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

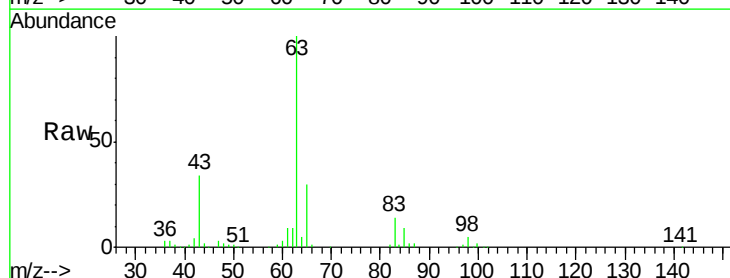
Tgt Ion: 63 Resp: 963176

Ion Ratio Lower Upper

63 100

98 4.7 2.0 5.8

100 2.4 1.4 4.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC

3.97

400000

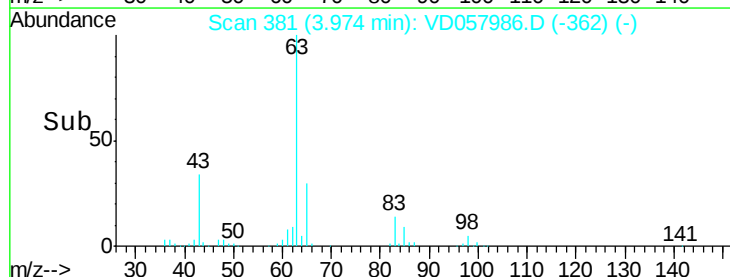
300000

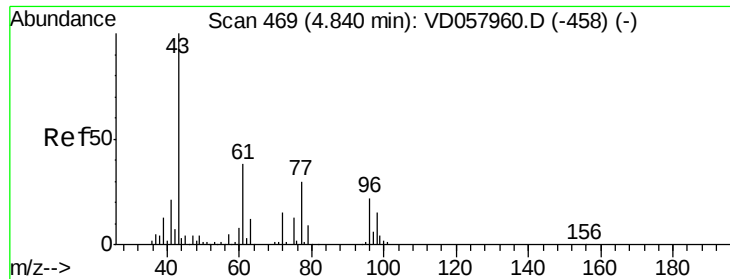
200000

100000

0

Time-->





#25

2-Butanone

Concen: 266.637 ug/l

RT: 4.83 min Scan# 468

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 795585

Ion Ratio Lower Upper

43 100

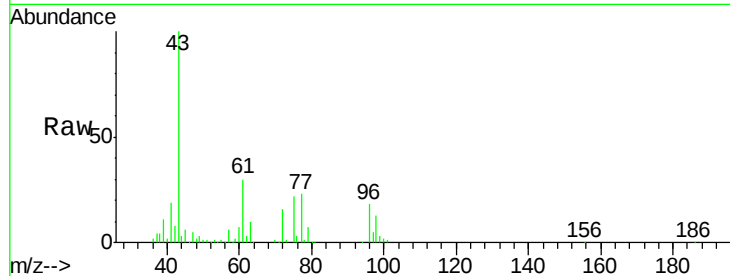
72 16.2 12.0 18.0

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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

300000

250000

200000

150000

100000

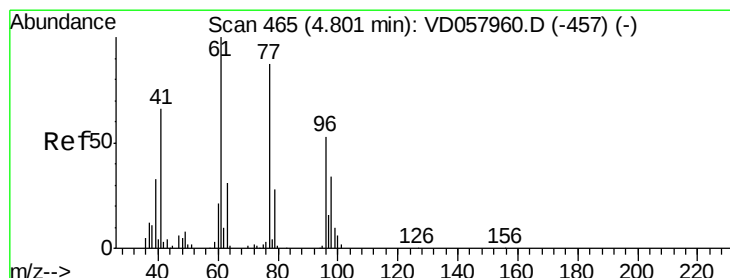
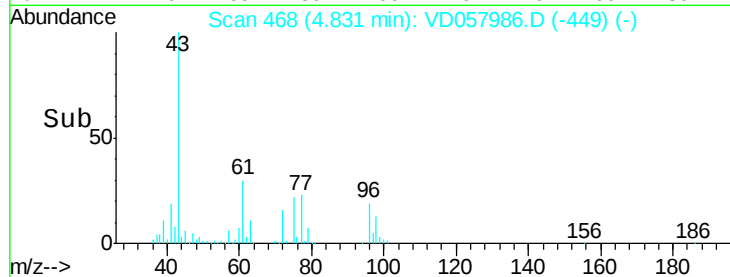
50000

0

4.83

4.60 4.70 4.80 4.90

Time-->



#26

2,2-Dichloropropane

Concen: 48.455 ug/l

RT: 4.79 min Scan# 464

Delta R.T. -0.01 min

Lab File: VD057986.D

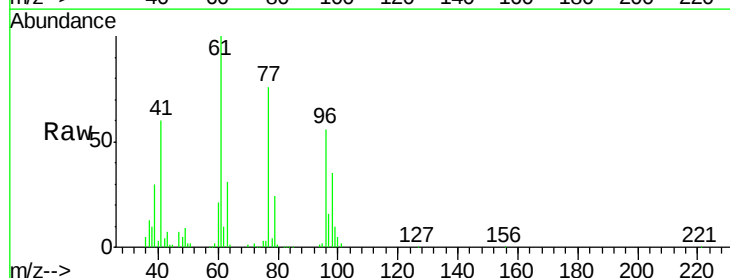
Acq: 7 Jun 2018 21:59

Tgt Ion: 77 Resp: 732911

Ion Ratio Lower Upper

77 100

97 21.1 9.2 27.6



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

200000

150000

100000

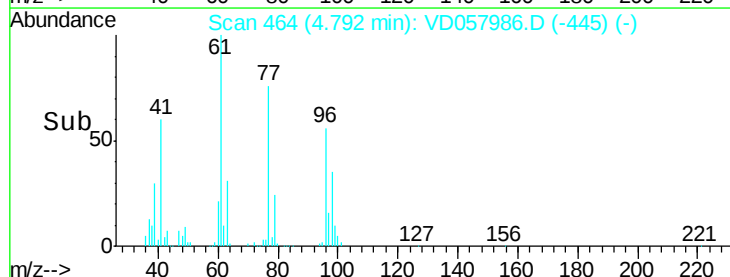
50000

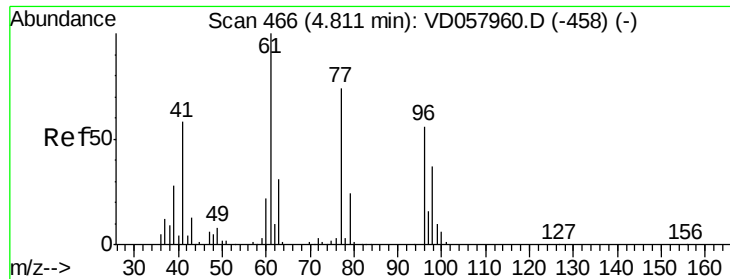
0

4.79

4.60 4.70 4.80 4.90 5.00

Time-->





#27

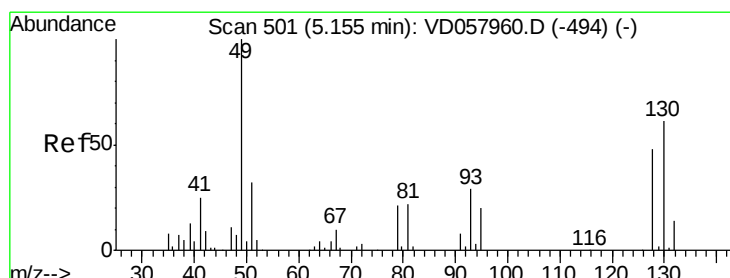
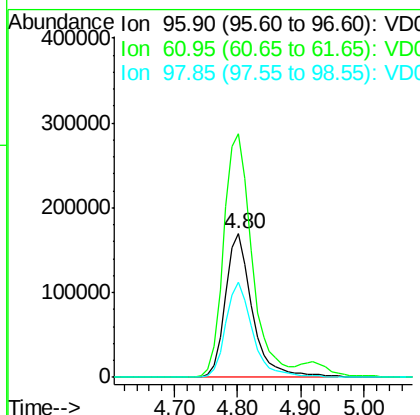
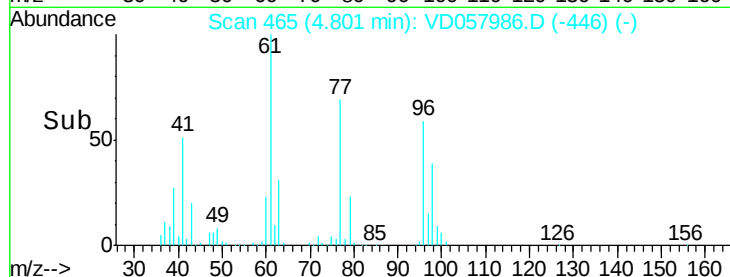
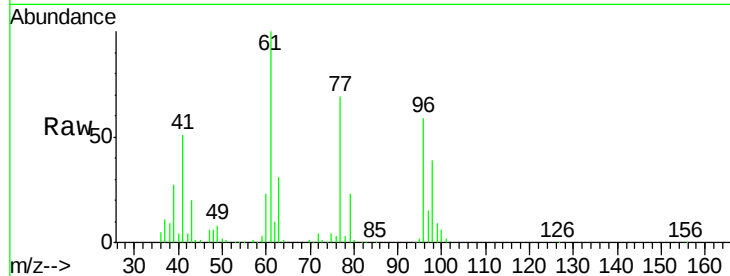
cis-1,2-Dichloroethene
Concen: 51.670 ug/l
RT: 4.80 min Scan# 465
Delta R.T. -0.01 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	169.9	0.0	355.0	
98	66.0	0.0	129.6	

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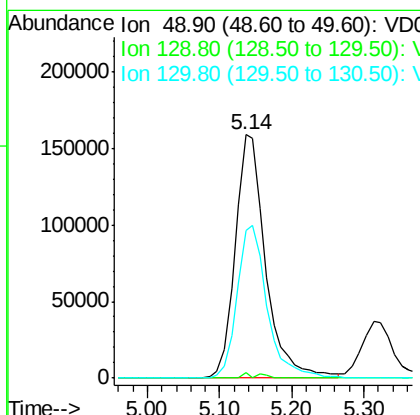
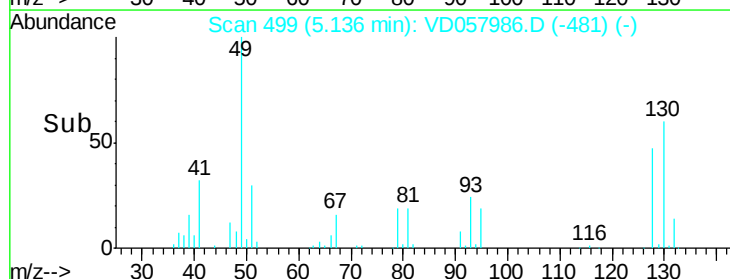
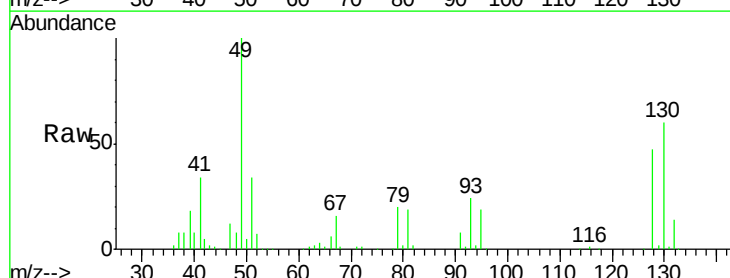
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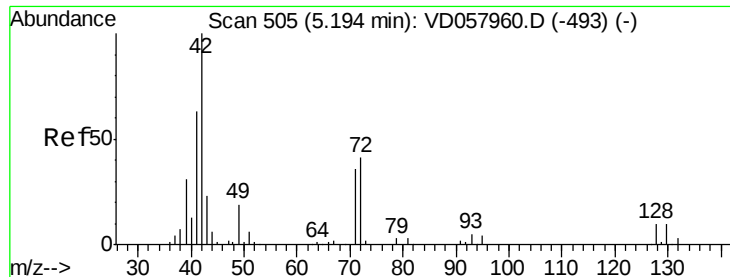


#28

Bromochloromethane
Concen: 58.649 ug/l
RT: 5.14 min Scan# 499
Delta R.T. -0.02 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	3.6	
130	60.4	48.8	73.2	





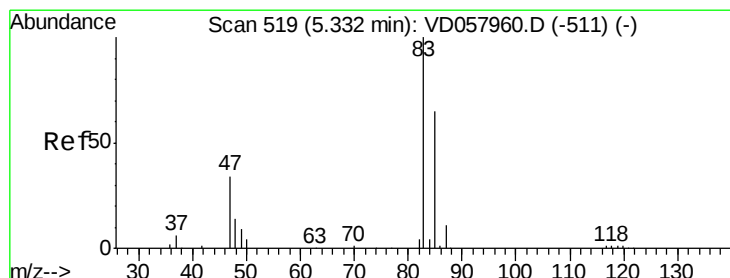
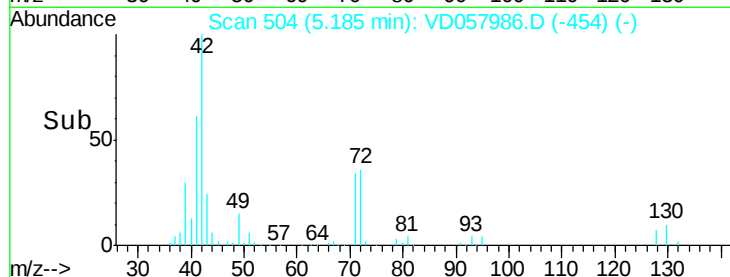
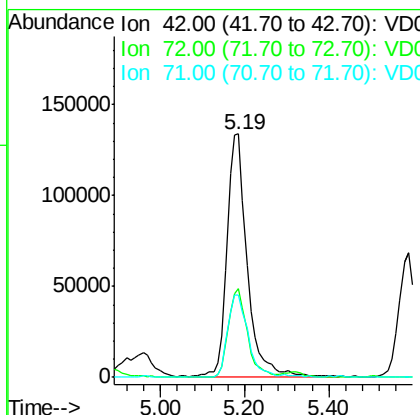
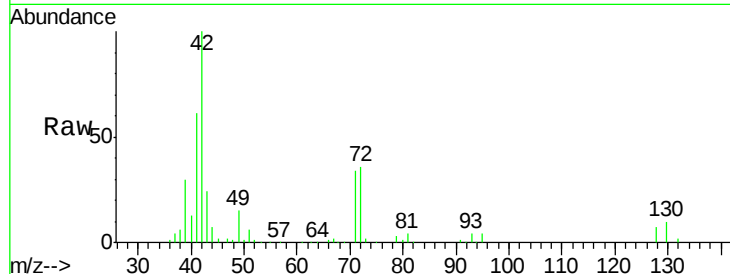
#29
Tetrahydrofuran
Concen: 288.513 ug/l
RT: 5.19 min Scan# 504
Delta R.T. -0.01 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.0	28.5	42.7
71	33.8	27.9	41.9

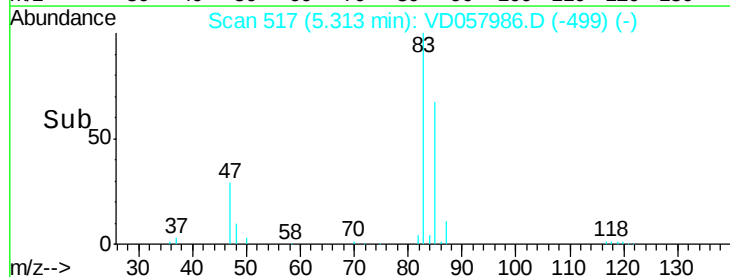
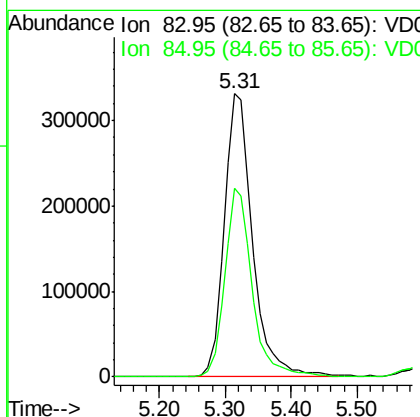
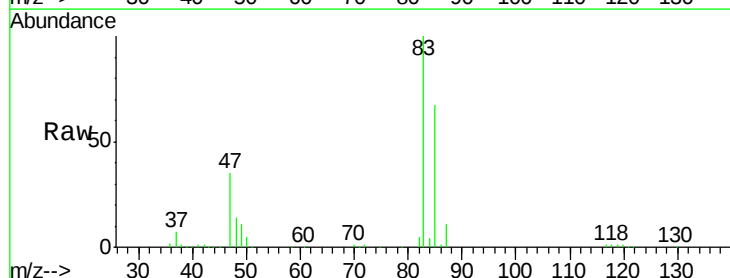
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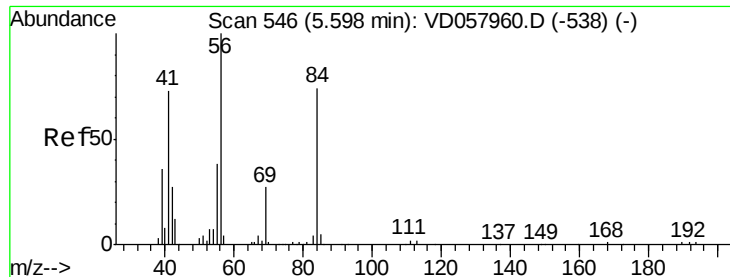
apatel
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#30
Chloroform
Concen: 53.758 ug/l
RT: 5.31 min Scan# 517
Delta R.T. -0.02 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	51.6	77.4





#31

Cyclohexane

Concen: 47.143 ug/l

RT: 5.59 min Scan# 545

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

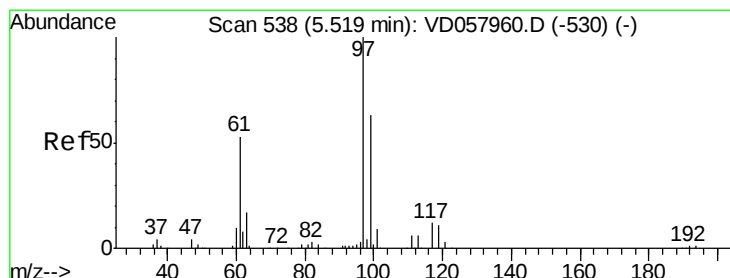
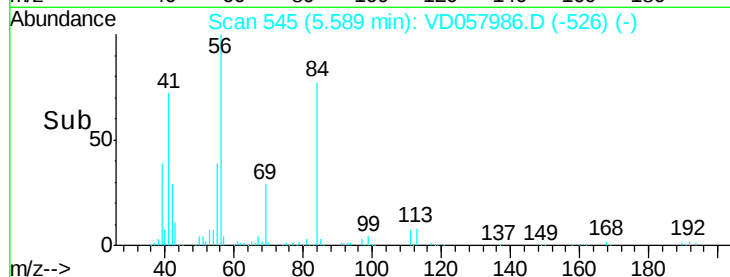
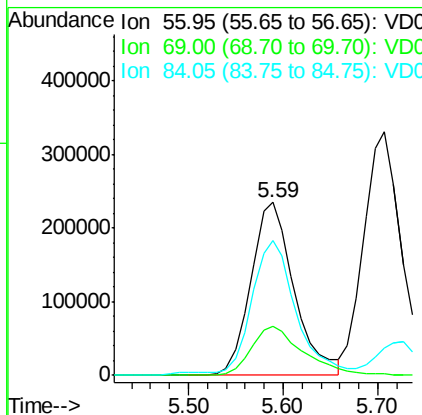
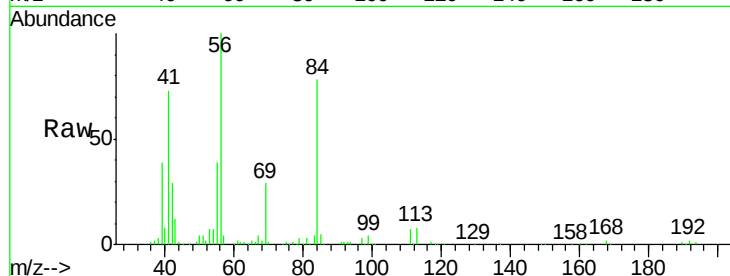
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	747024
Ion	Ratio	Lower	Upper
56	100		
69	28.6	21.5	32.3
84	77.7	61.0	91.6

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#32

1,1,1-Trichloroethane

Concen: 53.125 ug/l

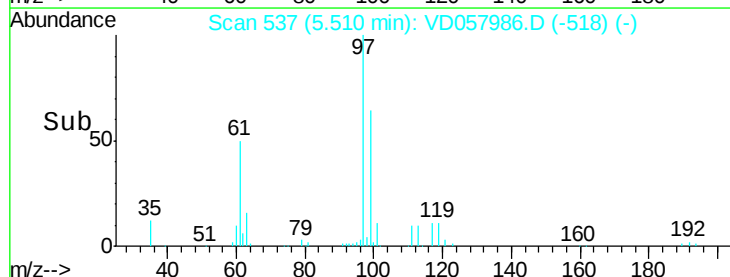
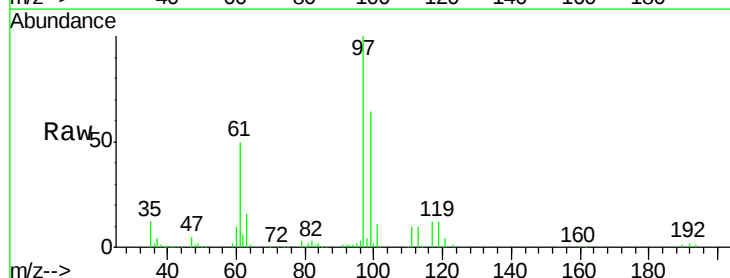
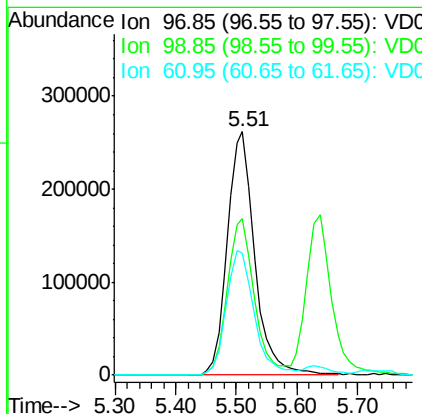
RT: 5.51 min Scan# 537

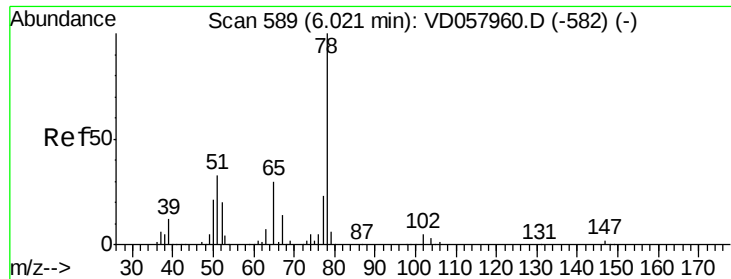
Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Tgt Ion:	97	Resp:	821987
Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.1	75.1
61	50.1	42.2	63.4





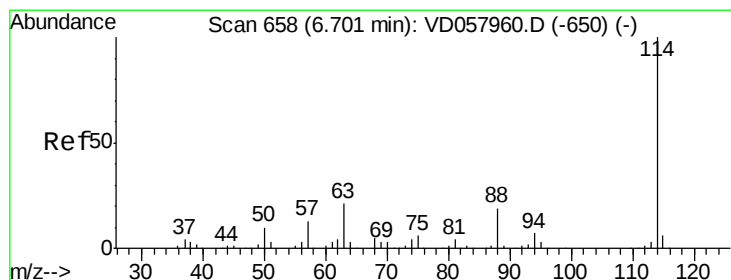
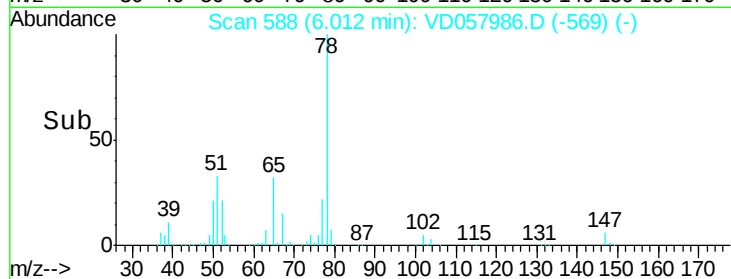
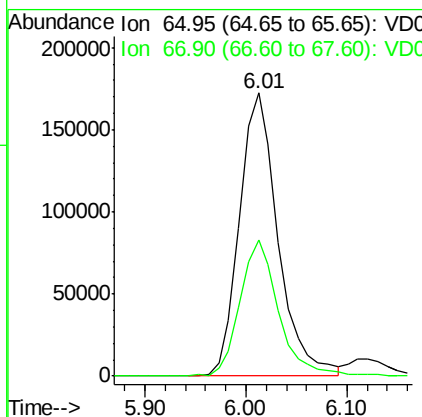
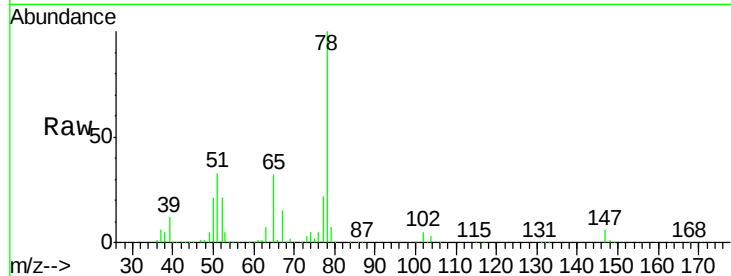
#33
 1,2-Dichloroethane-d4
 Concen: 53.125 ug/l
 RT: 6.01 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: VD057986.D
 Acq: 7 Jun 2018 21:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	48.2	0.0	94.0	

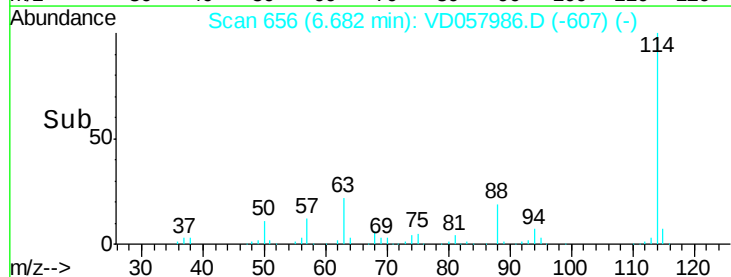
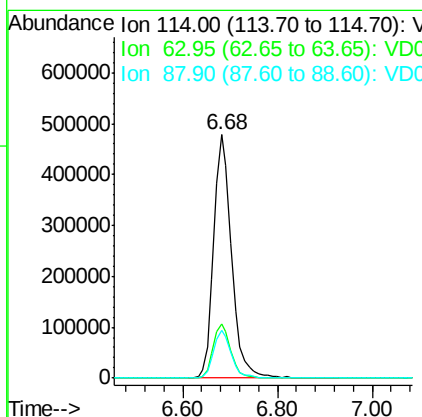
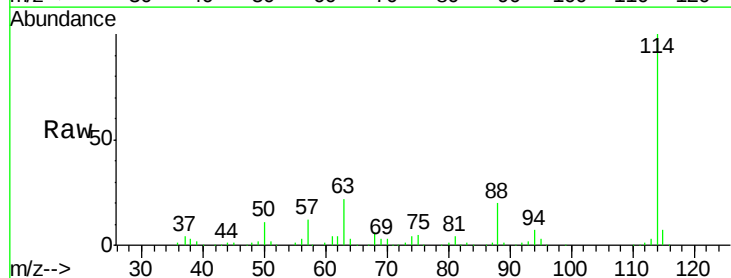
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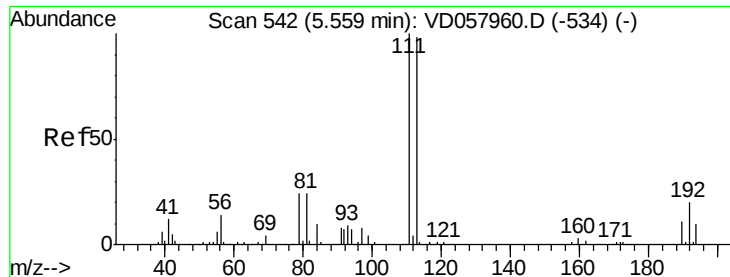
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: VD057986.D
 Acq: 7 Jun 2018 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.2	0.0	42.8	
88	19.6	0.0	37.8	





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.02 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

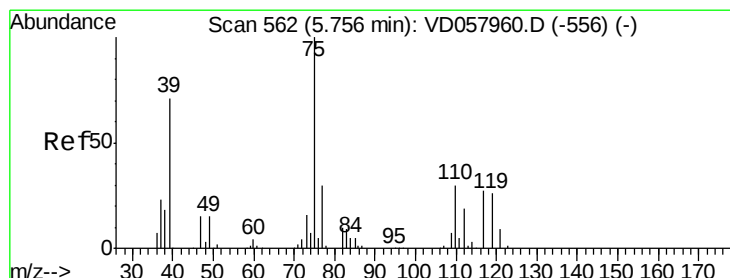
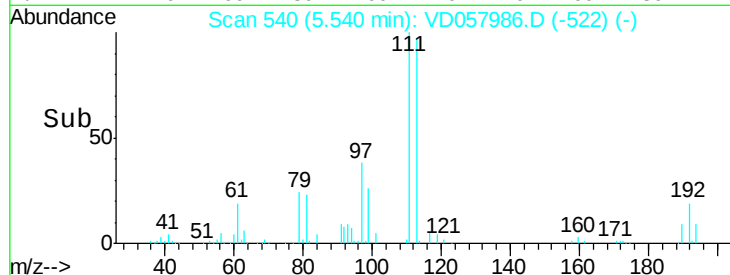
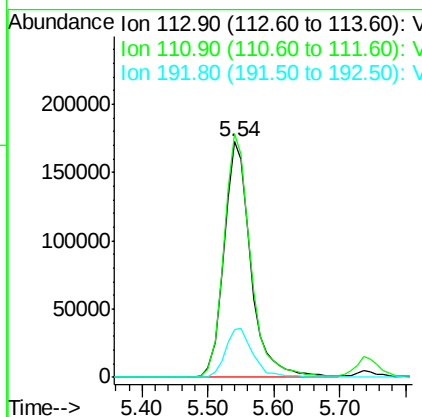
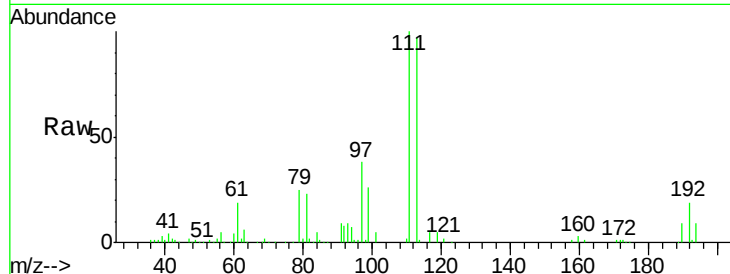
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	494289
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.5	122.3
192	20.1	16.4	24.6

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#36

1,1-Dichloropropene

Concen: 51.115 ug/l

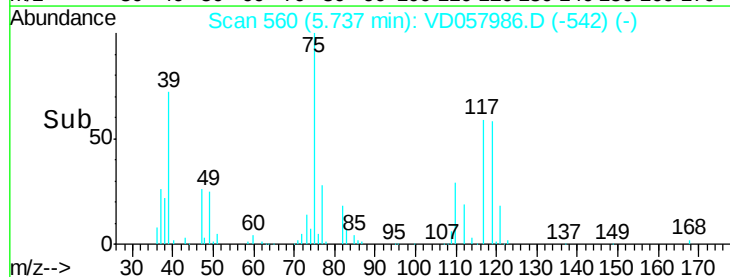
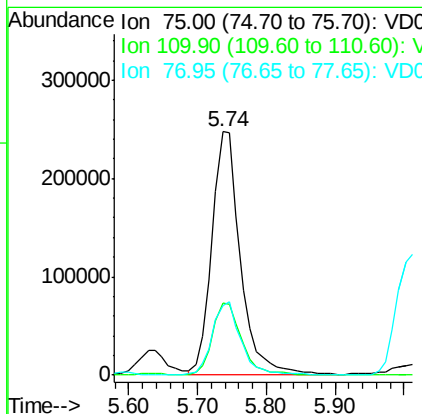
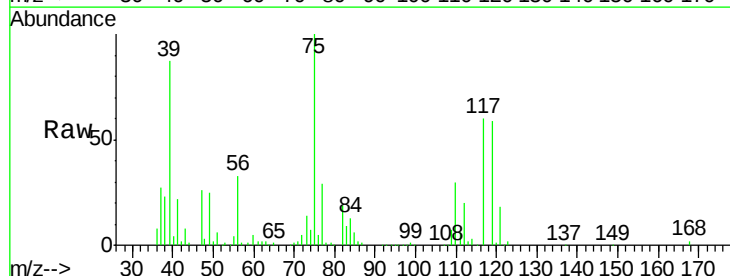
RT: 5.74 min Scan# 560

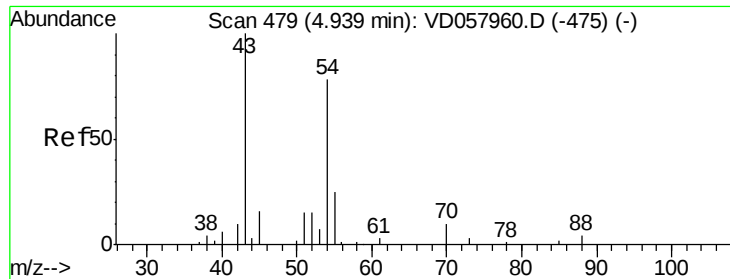
Delta R.T. -0.02 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Tgt Ion:	75	Resp:	706878
Ion	Ratio	Lower	Upper
75	100		
110	29.9	14.8	44.3
77	28.7	23.9	35.9





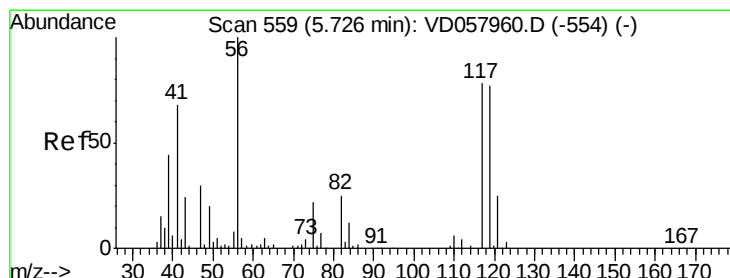
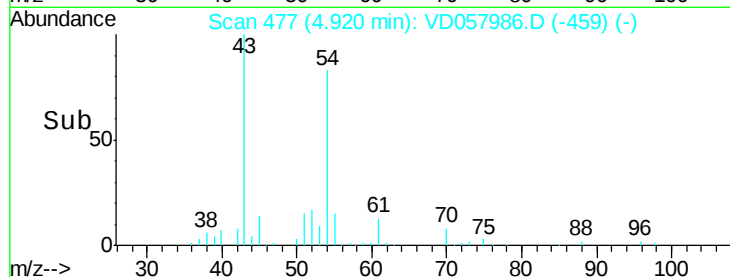
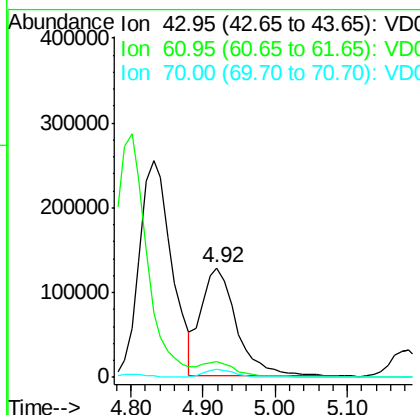
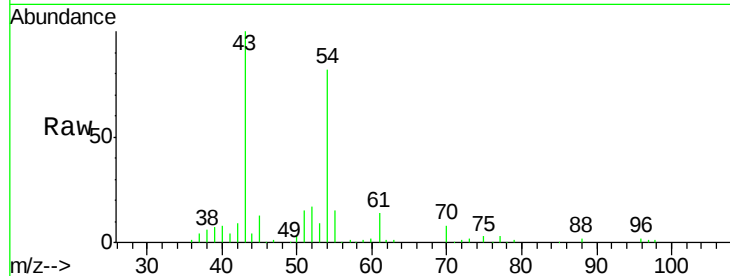
#37
Ethyl Acetate
Concen: 57.254 ug/l
RT: 4.92 min Scan# 477
Delta R.T. -0.02 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	9.9	14.9
70	7.6	5.7	8.5

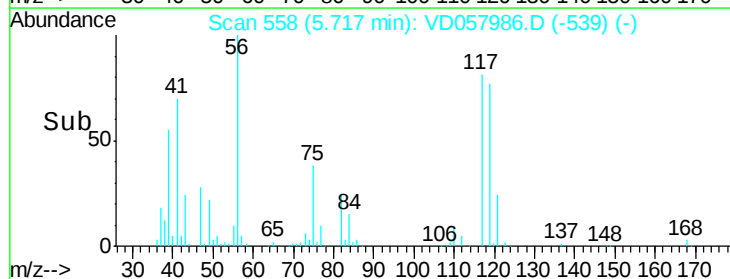
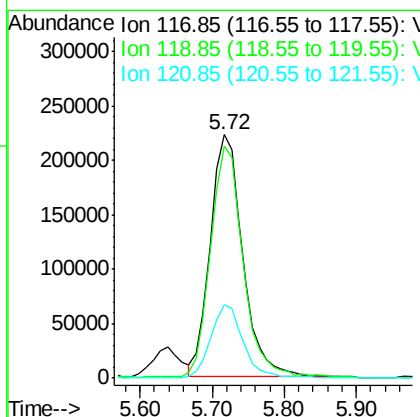
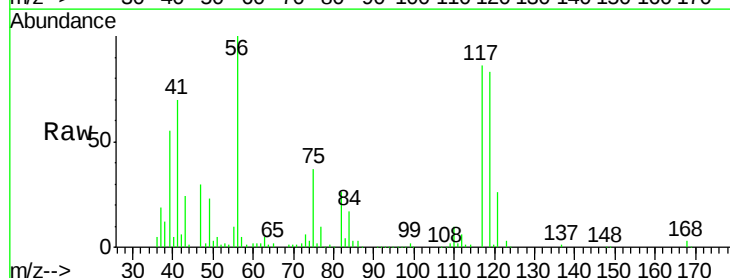
Manual Integrations
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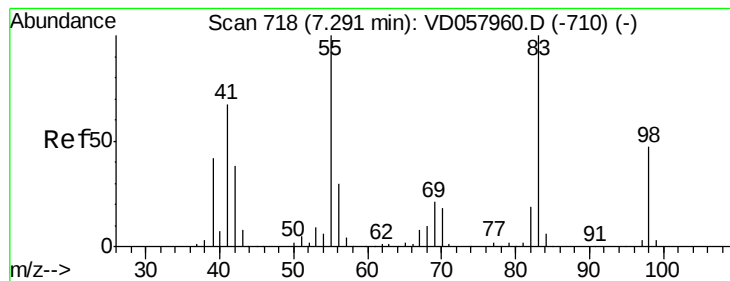
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#38
Carbon Tetrachloride
Concen: 50.765 ug/l
RT: 5.72 min Scan# 558
Delta R.T. -0.01 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.1	114.1
121	30.0	24.9	37.3





#39

Methylcyclohexane

Concen: 50.696 ug/l

RT: 7.27 min Scan# 716

Delta R.T. -0.02 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 695005

Ion Ratio Lower Upper

83 100

55 101.2 80.3 120.5

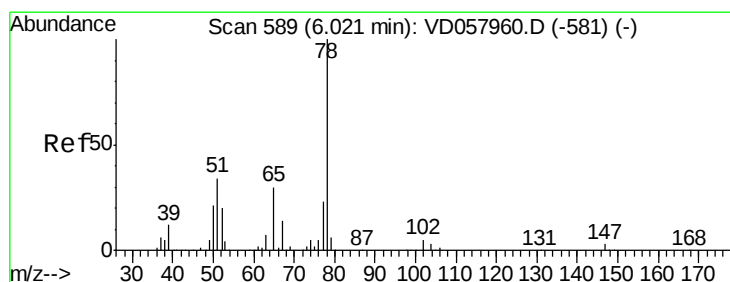
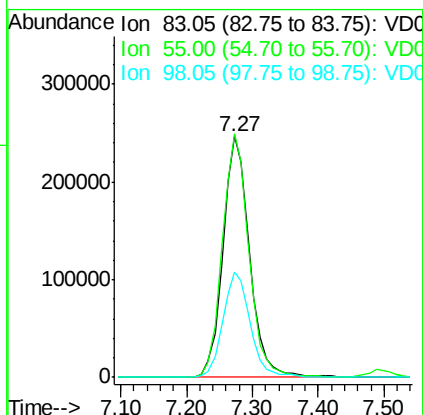
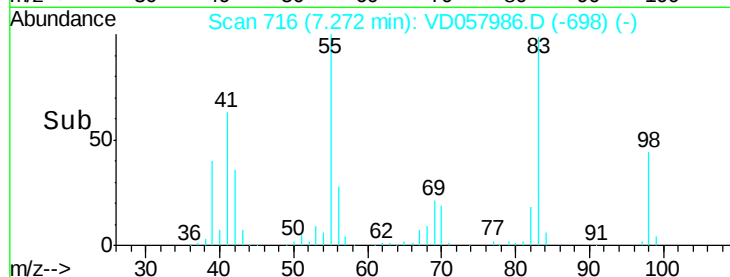
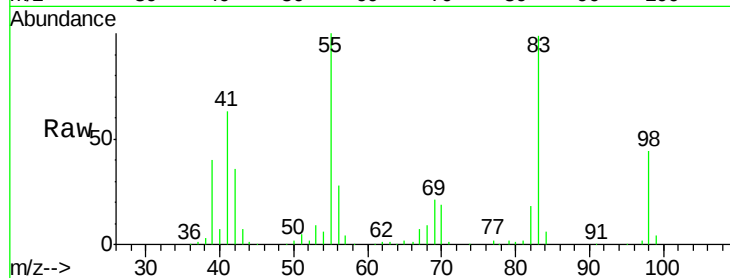
98 44.0 38.0 57.0

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#40

Benzene

Concen: 49.520 ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD057986.D

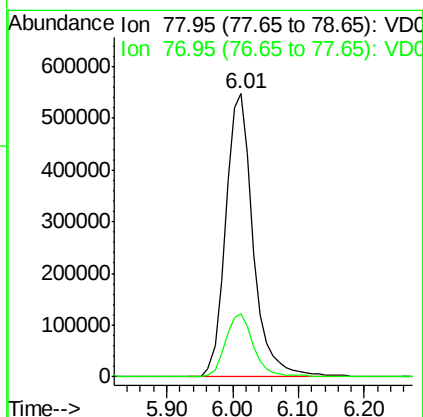
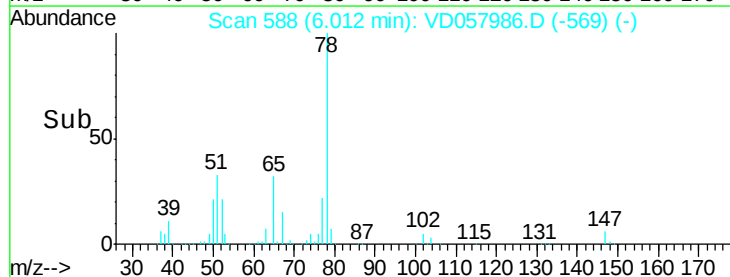
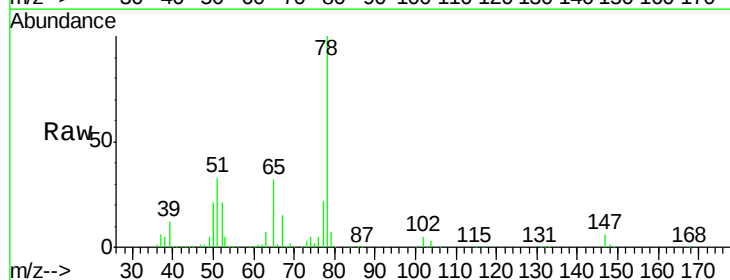
Acq: 7 Jun 2018 21:59

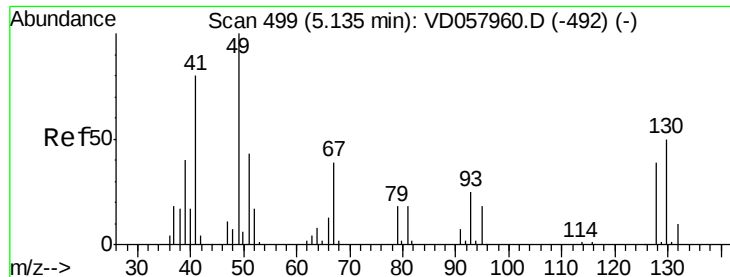
Tgt Ion: 78 Resp: 1599782

Ion Ratio Lower Upper

78 100

77 22.5 18.1 27.1





#41

Methacrylonitrile

Concen: 59.101 ug/l

RT: 5.12 min Scan# 497

Delta R.T. -0.02 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

ClientSampleId :

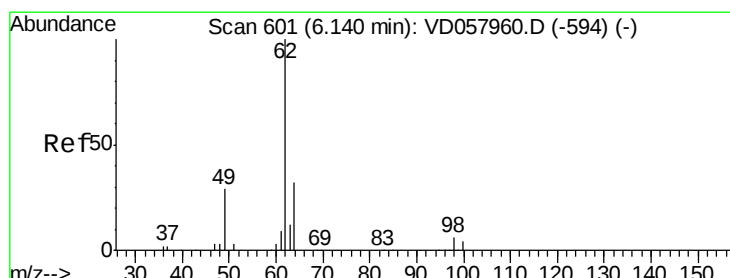
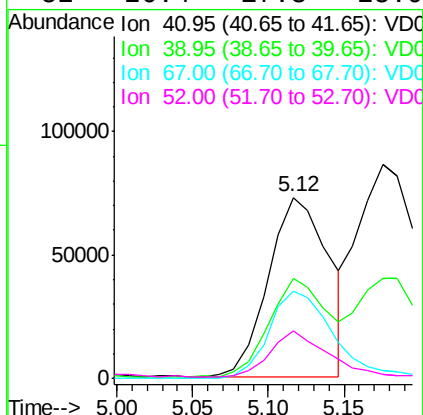
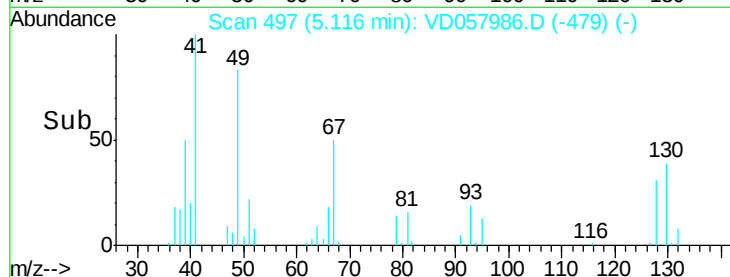
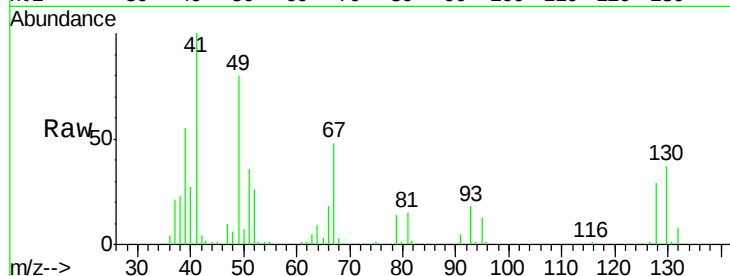
VSTDCCC050EC

Tot Ion: 41 Resp: 203917
Ion Ratio Lower Upper

41	100		
39	55.0	40.7	61.1
67	48.1	38.8	58.2
52	26.4	17.3	25.9

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#42

1,2-Dichloroethane

Concen: 52.883 ug/l

RT: 6.12 min Scan# 599

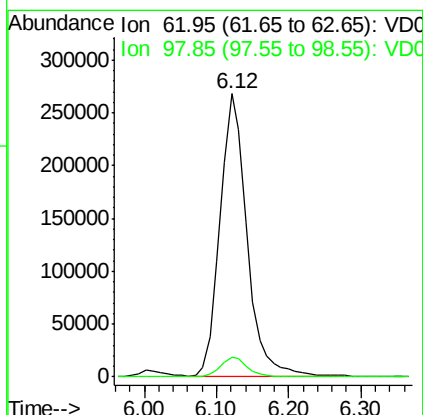
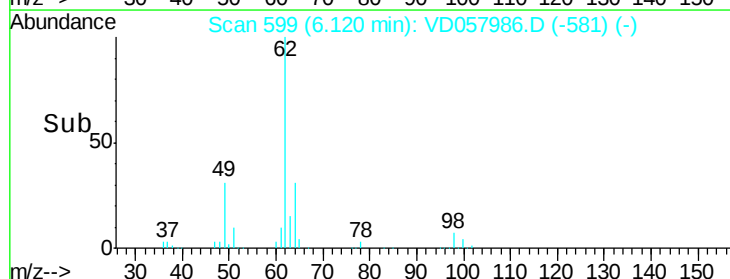
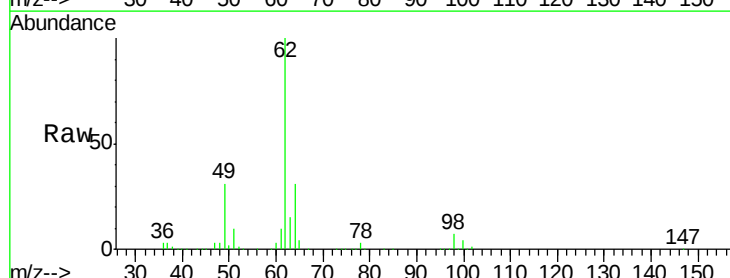
Delta R.T. -0.02 min

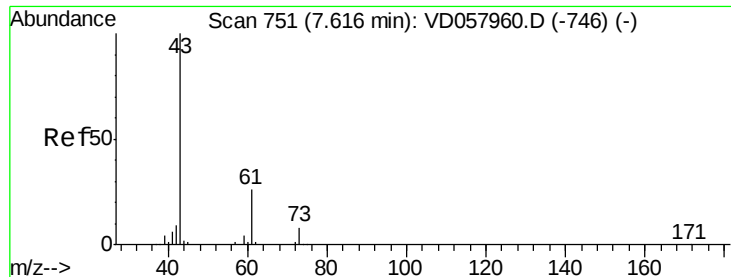
Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Tgt Ion: 62 Resp: 690752
Ion Ratio Lower Upper

62	100		
98	6.7	0.0	12.8





#43

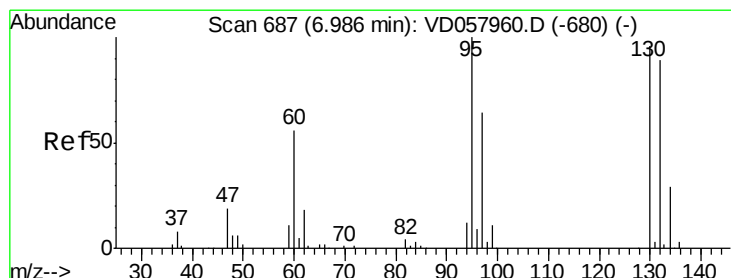
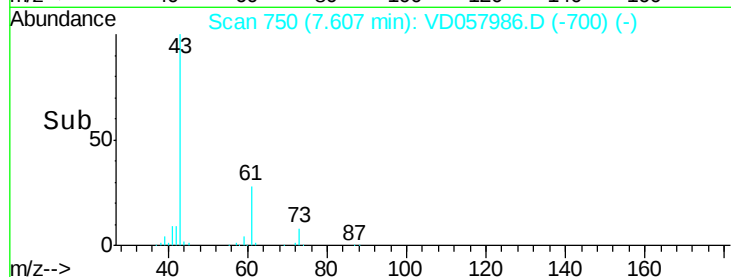
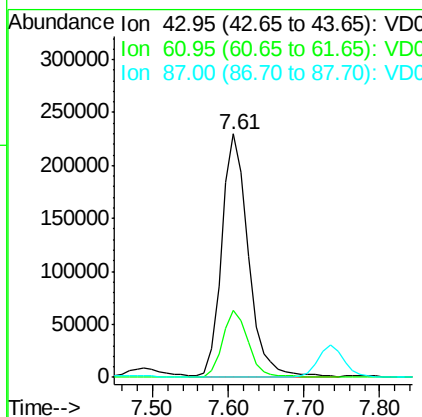
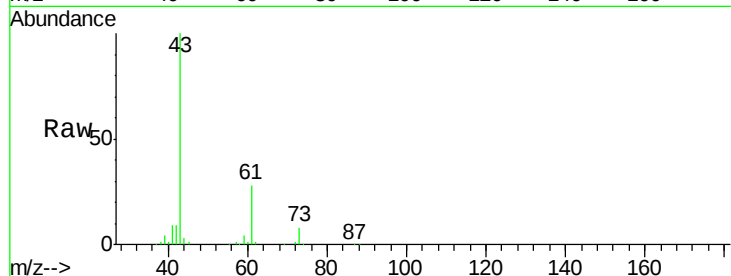
Isopropyl Acetate
 Concen: 55.914 ug/l
 RT: 7.61 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: VD057986.D
 Acq: 7 Jun 2018 21:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.5	20.6	30.8
87	0.2	0.2	0.4

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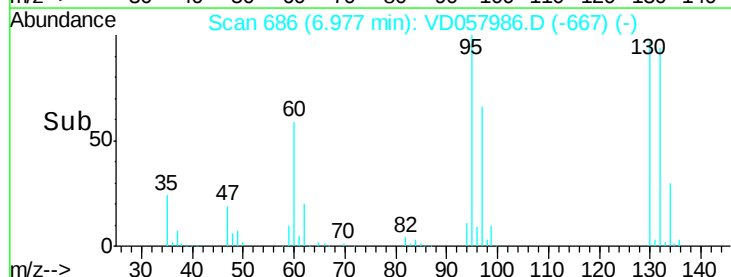
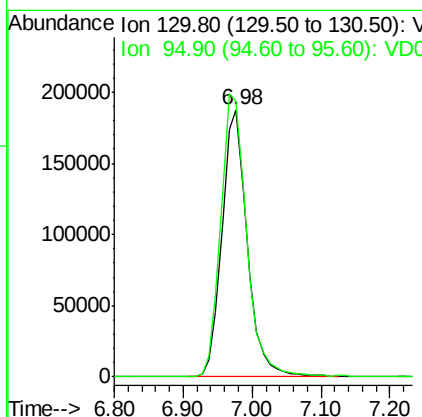
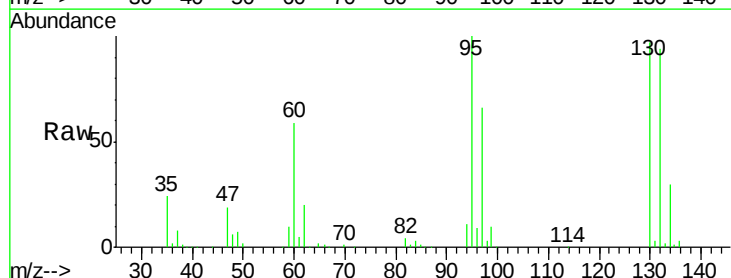
apatel
 6/8/2018 9:22:36 AM

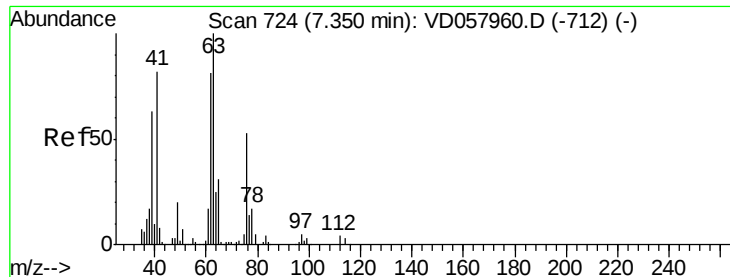


#44

Trichloroethene
 Concen: 50.610 ug/l
 RT: 6.98 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: VD057986.D
 Acq: 7 Jun 2018 21:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	207.4





#45

1,2-Dichloropropane

Concen: 51.922 ug/l

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 466202

Ion Ratio Lower Upper

63 100

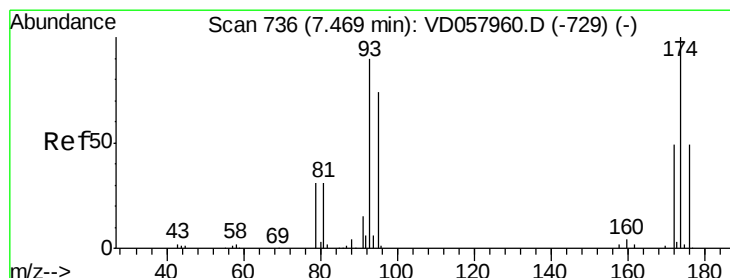
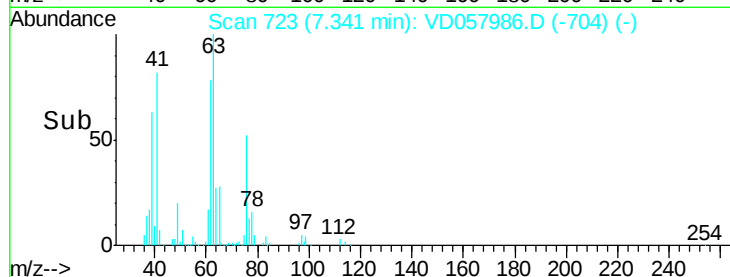
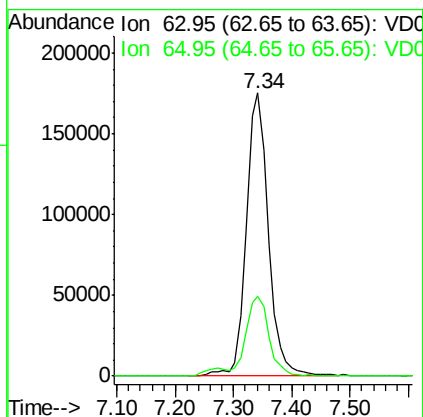
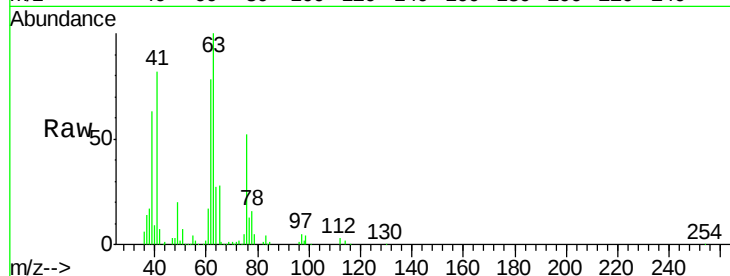
65 28.4 24.9 37.3

Manual Integrations

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#46

Dibromomethane

Concen: 53.603 ug/l

RT: 7.46 min Scan# 735

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

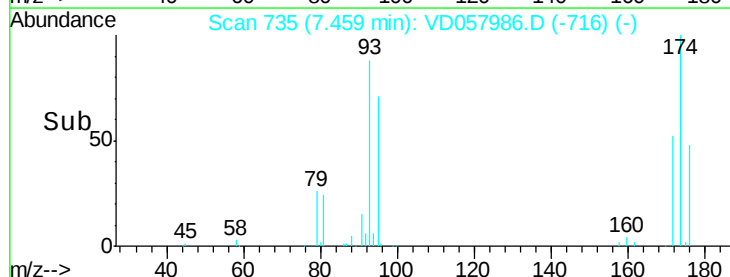
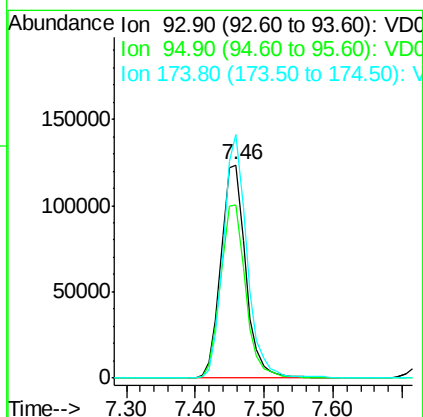
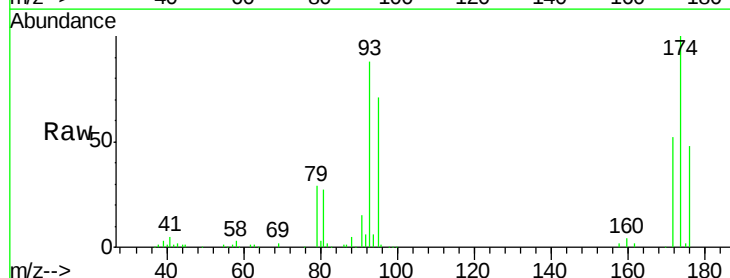
Tgt Ion: 93 Resp: 309182

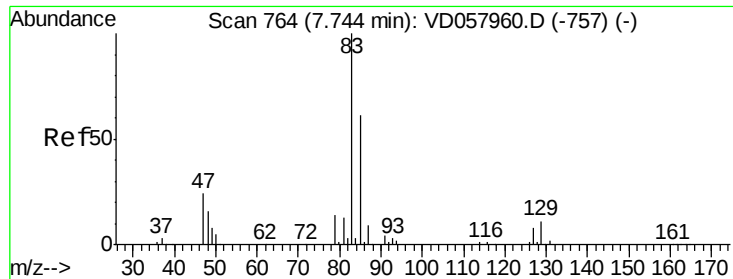
Ion Ratio Lower Upper

93 100

95 81.1 65.7 98.5

174 114.2 89.0 133.4





#47

Bromodichloromethane

Concen: 53.133 ug/l

RT: 7.73 min Scan# 763

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

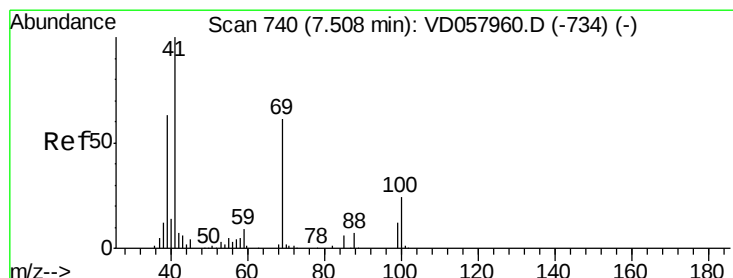
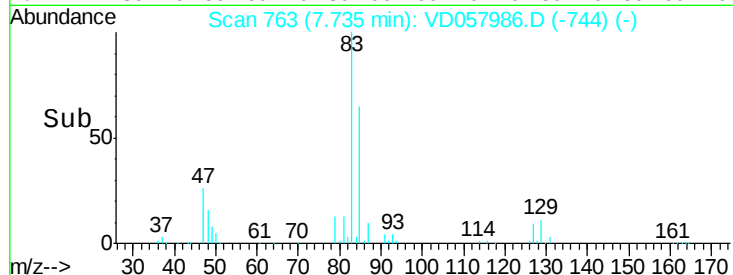
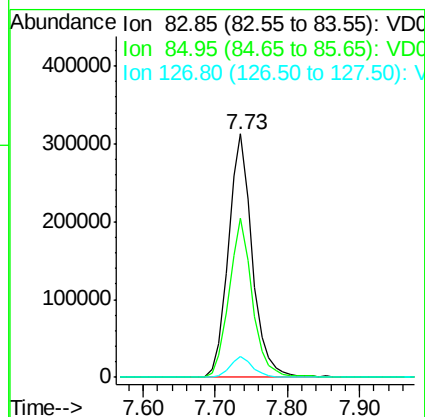
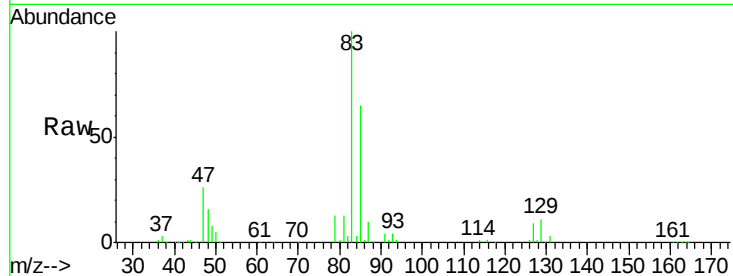
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	717581
Ion	Ratio	Lower	Upper
83	100		
85	65.5	49.1	73.7
127	8.6	6.2	9.2

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#48

Methyl methacrylate

Concen: 54.210 ug/l

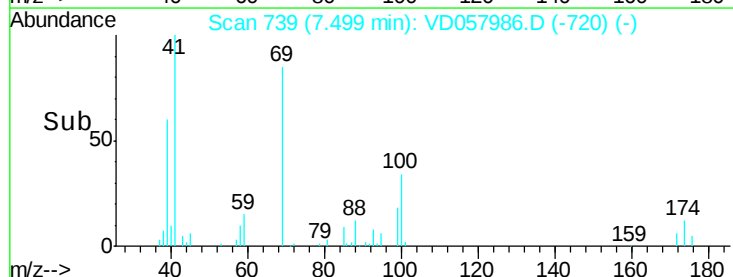
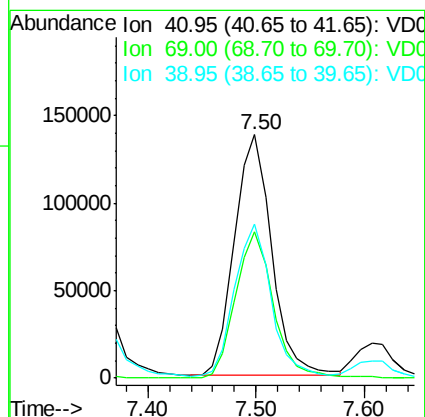
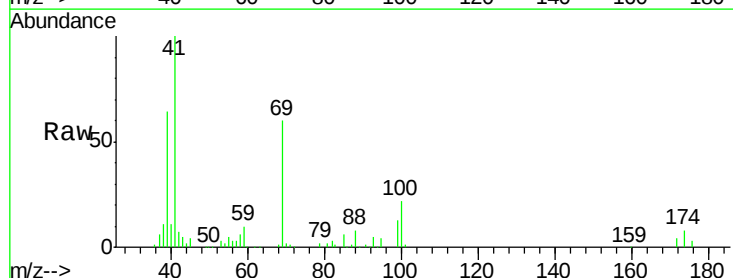
RT: 7.50 min Scan# 739

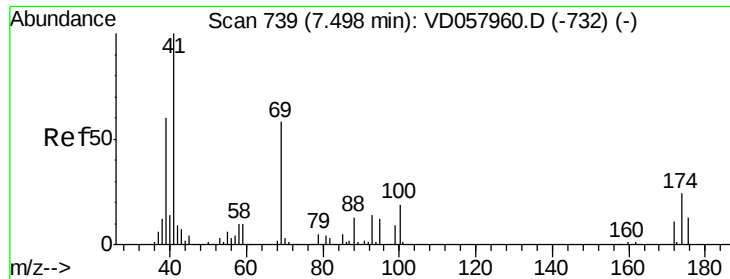
Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Tgt Ion:	41	Resp:	329787
Ion	Ratio	Lower	Upper
41	100		
69	60.3	48.0	72.0
39	63.5	50.7	76.1





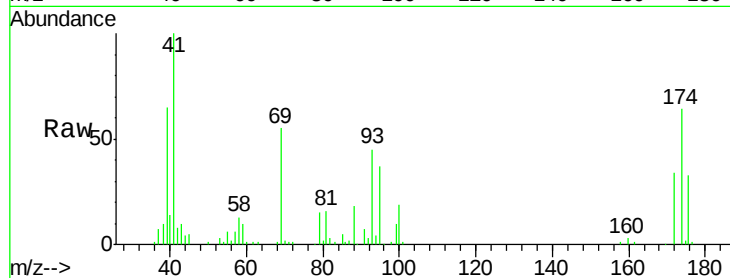
#49
1,4-Dioxane
Concen: 1130.779 ug/l
RT: 7.48 min Scan# 737
Delta R.T. -0.02 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

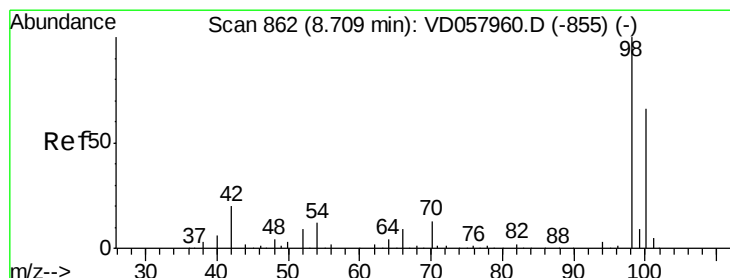
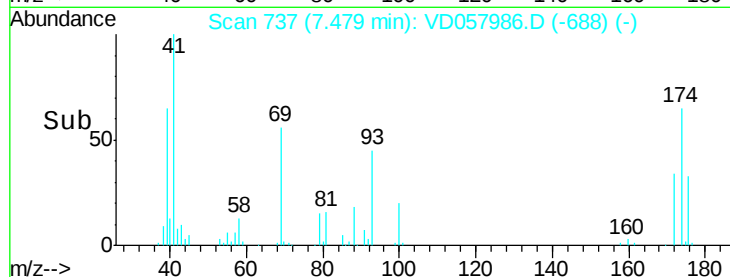
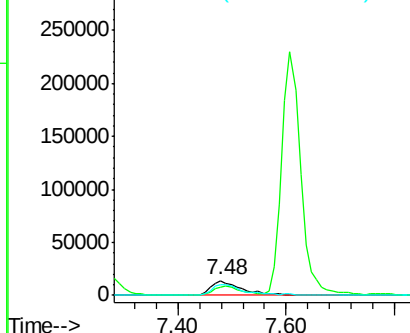
Tot Ion	Ratio	Lower	Upper
88	100		
43	56.6	46.6	69.8
58	71.2	63.6	95.4

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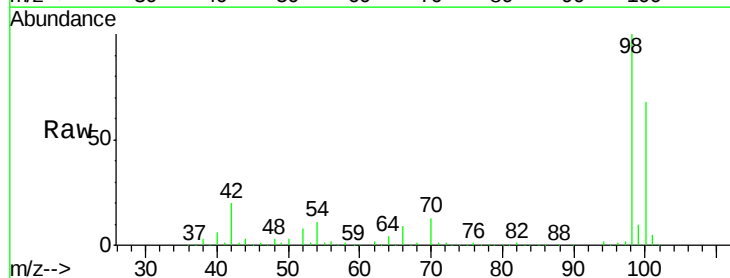


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

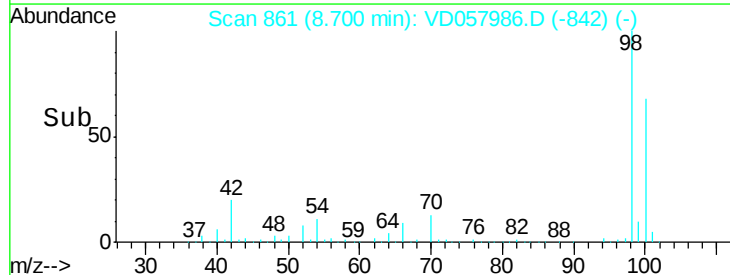
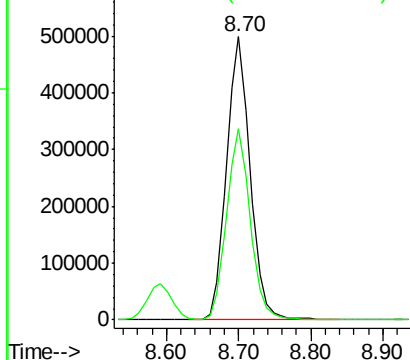


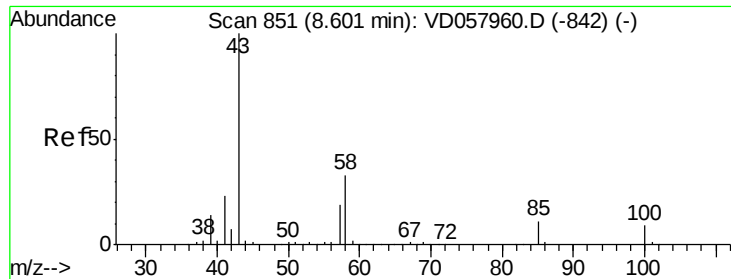
#50
Toluene-d8
Concen: 1130.779 ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.7	53.4	80.0



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 277.319 ug/l

RT: 8.59 min Scan# 850

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1758115

Ion Ratio Lower Upper

43 100

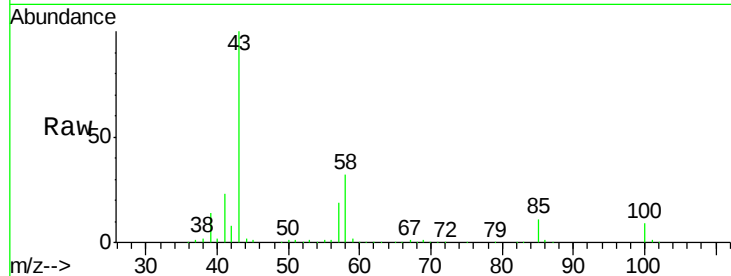
58 32.4 26.2 39.4

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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

8.59

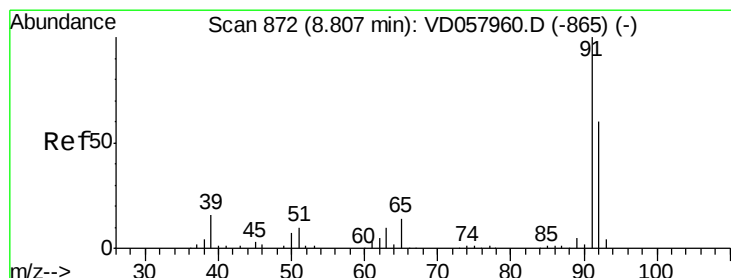
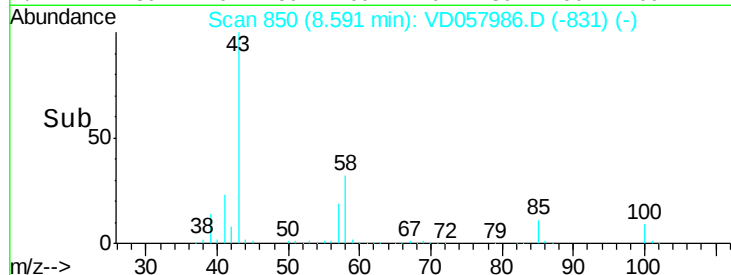
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.703 ug/l

RT: 8.79 min Scan# 870

Delta R.T. -0.02 min

Lab File: VD057986.D

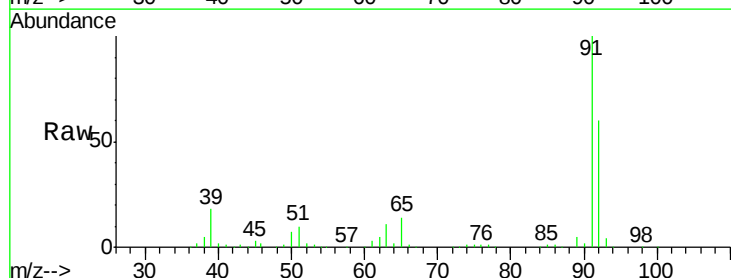
Acq: 7 Jun 2018 21:59

Tgt Ion: 92 Resp: 940070

Ion Ratio Lower Upper

92 100

91 165.9 133.0 199.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

8.79

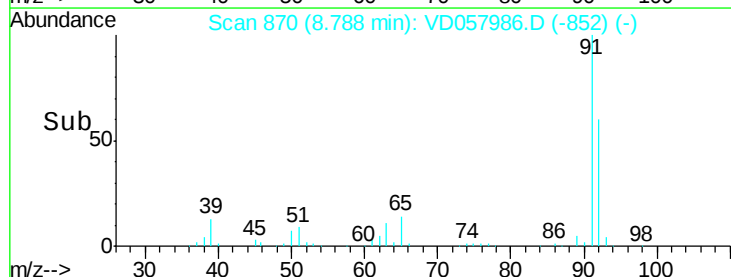
600000

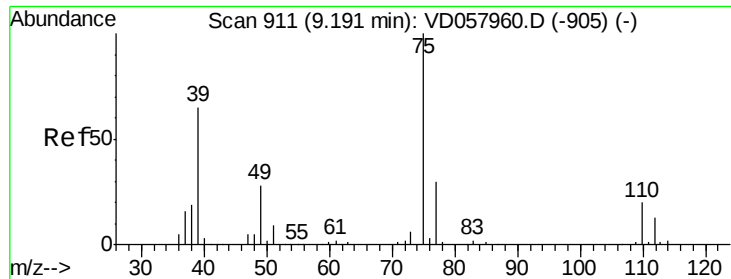
400000

200000

0

Time-->





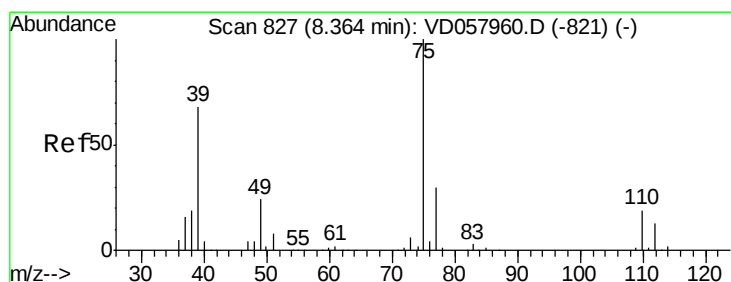
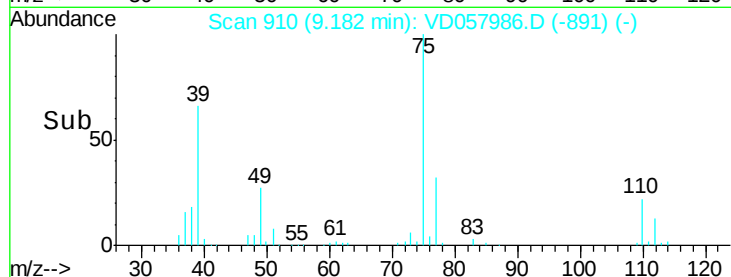
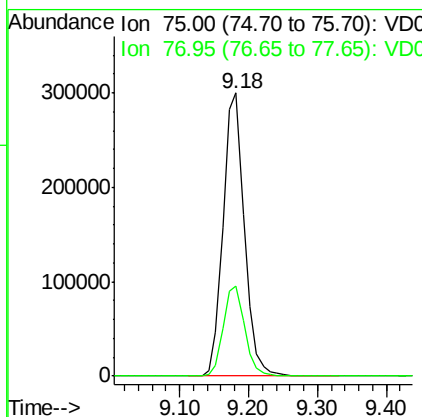
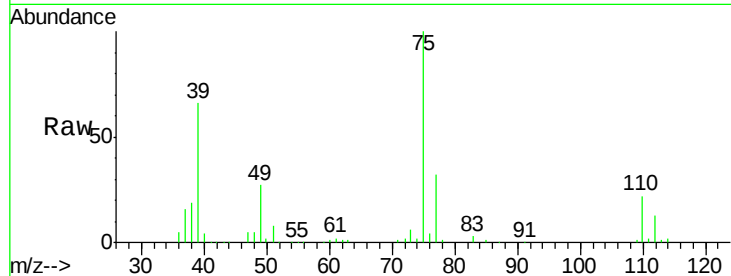
#53
t-1,3-Dichloropropene
Concen: 55.224 ug/l
RT: 9.18 min Scan# 910
Delta R.T. -0.01 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 642562
Ion Ratio Lower Upper
75 100
77 31.8 24.3 36.5

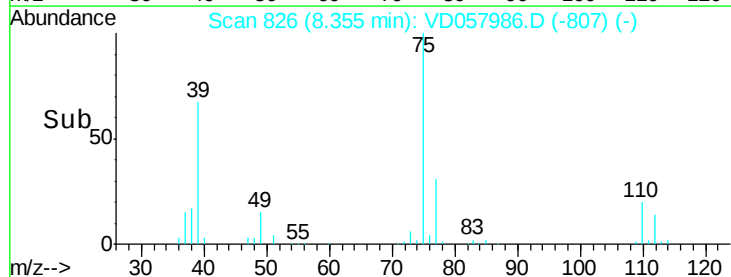
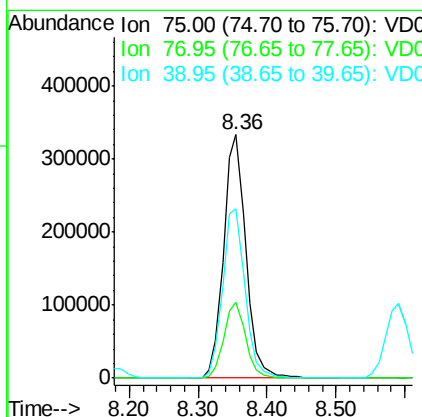
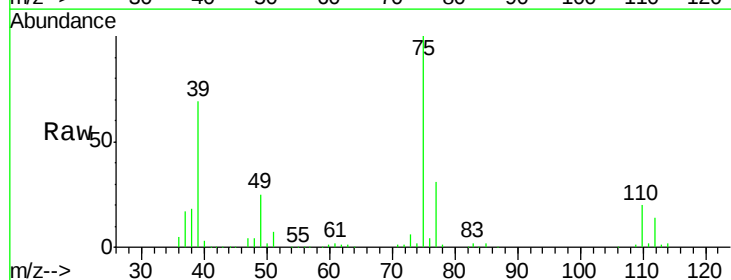
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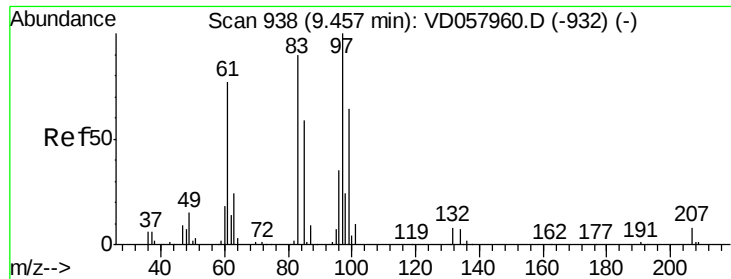
apatel
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#54
cis-1,3-Dichloropropene
Concen: 54.372 ug/l
RT: 8.36 min Scan# 826
Delta R.T. -0.01 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Tgt Ion: 75 Resp: 745329
Ion Ratio Lower Upper
75 100
77 31.0 24.1 36.1
39 69.4 54.0 81.0





#55

1,1,2-Trichloroethane

Concen: 53.636 ug/l

RT: 9.45 min Scan# 937

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

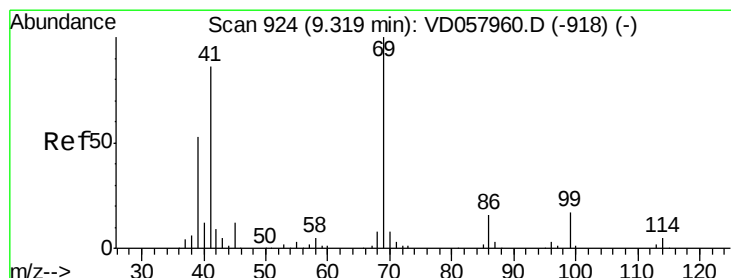
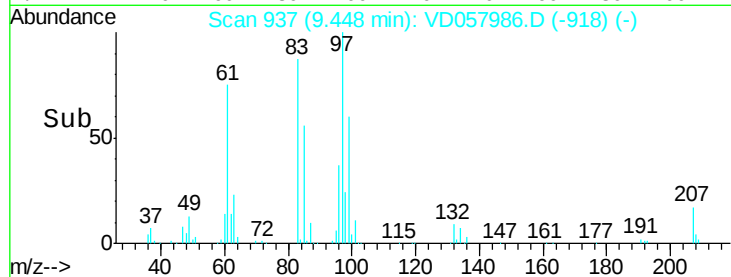
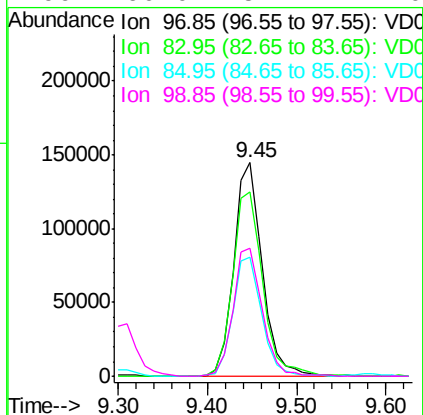
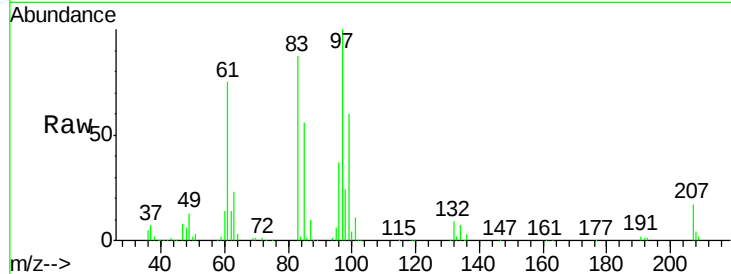
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	321849
Ion	Ratio	Lower	Upper
97	100		
83	86.6	71.8	107.8
85	55.8	47.2	70.8
99	60.0	51.4	77.0

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#56

Ethyl methacrylate

Concen: 56.007 ug/l

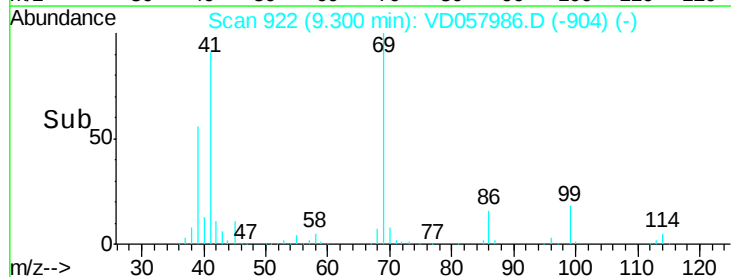
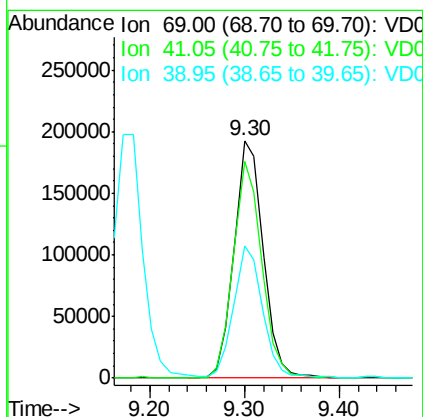
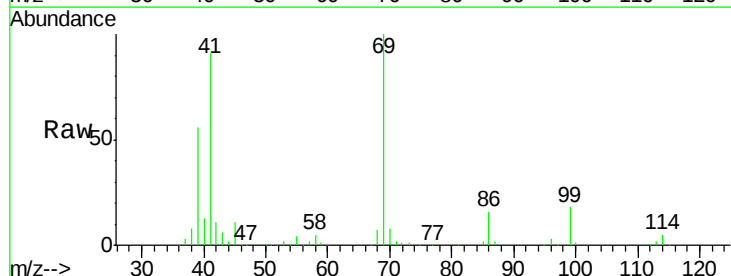
RT: 9.30 min Scan# 922

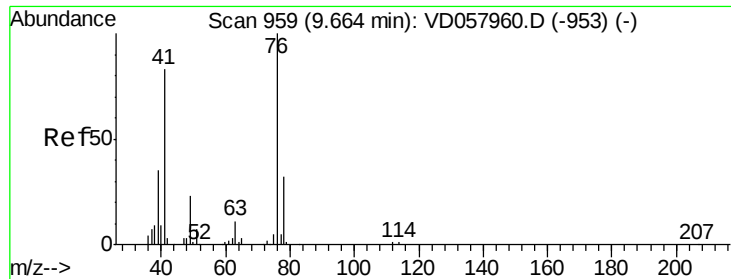
Delta R.T. -0.02 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Tgt Ion:	69	Resp:	412250
Ion	Ratio	Lower	Upper
69	100		
41	91.5	68.4	102.6
39	55.8	43.0	64.4





#57

1,3-Dichloropropane

Concen: 52.432 ug/l

RT: 9.65 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 551813

Ion Ratio Lower Upper

76 100

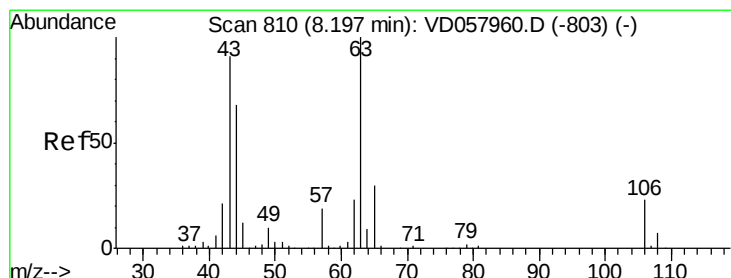
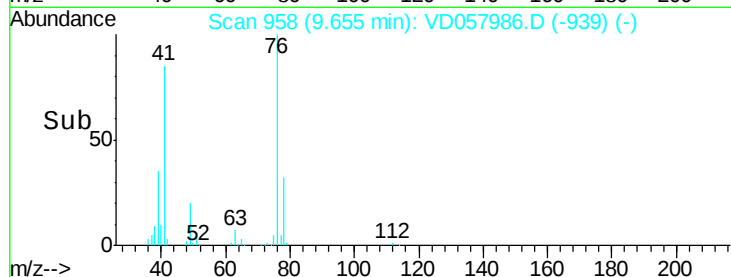
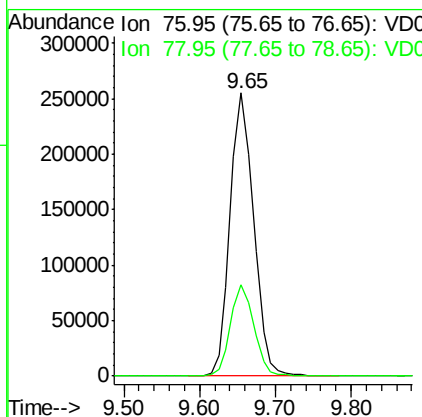
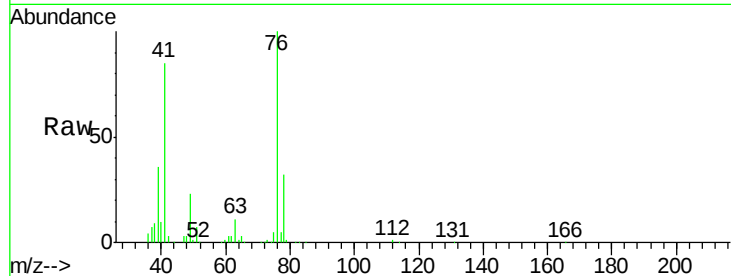
78 32.1 25.4 38.2

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#58

2-Chloroethyl Vinyl ether

Concen: 258.480 ug/l

RT: 8.18 min Scan# 808

Delta R.T. -0.02 min

Lab File: VD057986.D

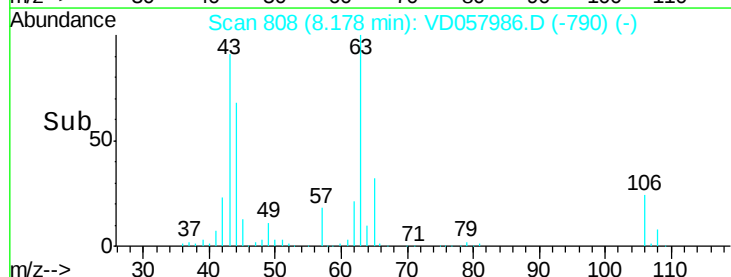
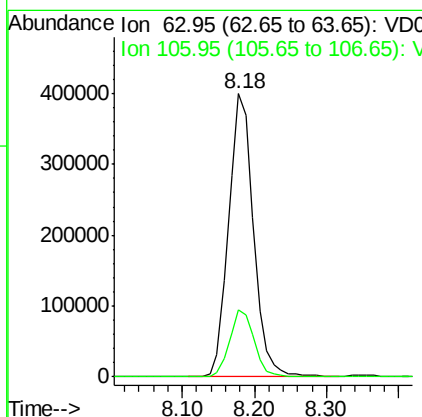
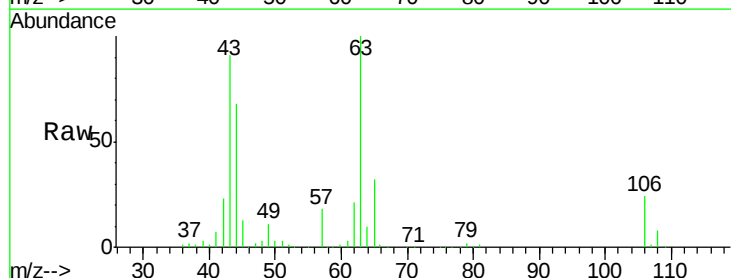
Acq: 7 Jun 2018 21:59

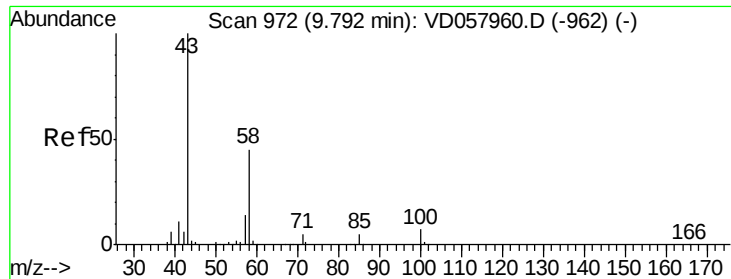
Tgt Ion: 63 Resp: 961237

Ion Ratio Lower Upper

63 100

106 23.5 18.7 28.1





#59

2-Hexanone

Concen: 272.368 ug/l

RT: 9.77 min Scan# 970

Delta R.T. -0.02 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1265411

Ion Ratio Lower Upper

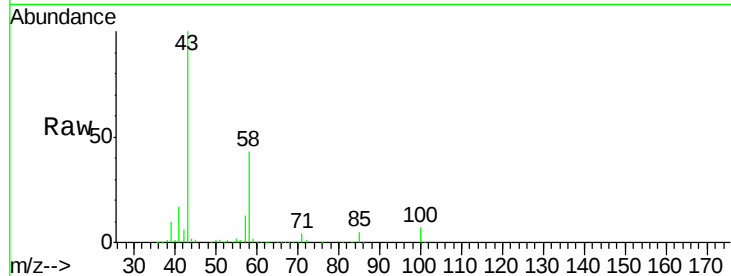
43 100

58 43.3 22.5 67.5

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Abundance Ion 42.95 (42.65 to 43.65): VD057960.D (-962) (-)

Ion 57.95 (57.65 to 58.65): VD057960.D (-962) (-)

9.77

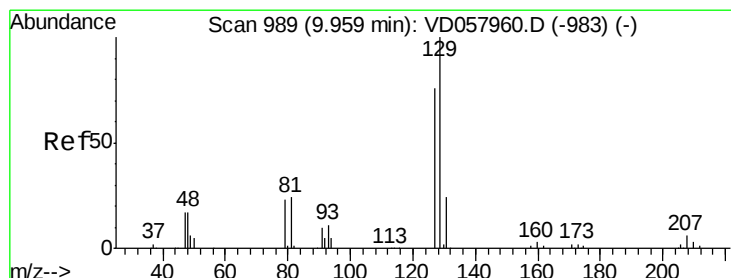
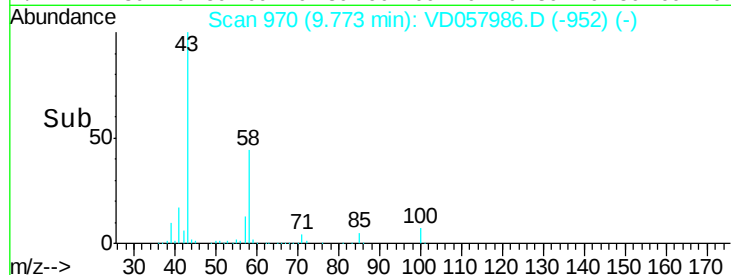
600000

400000

200000

0

Time-->



#60

Dibromochloromethane

Concen: 57.729 ug/l

RT: 9.95 min Scan# 988

Delta R.T. -0.01 min

Lab File: VD057986.D

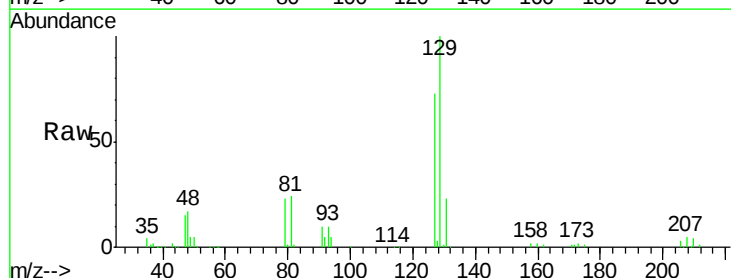
Acq: 7 Jun 2018 21:59

Tgt Ion: 129 Resp: 488489

Ion Ratio Lower Upper

129 100

127 72.6 38.3 114.8



Abundance Ion 128.80 (128.50 to 129.50): VD057960.D (-983) (-)

Ion 126.80 (126.50 to 127.50): VD057960.D (-983) (-)

9.95

250000

200000

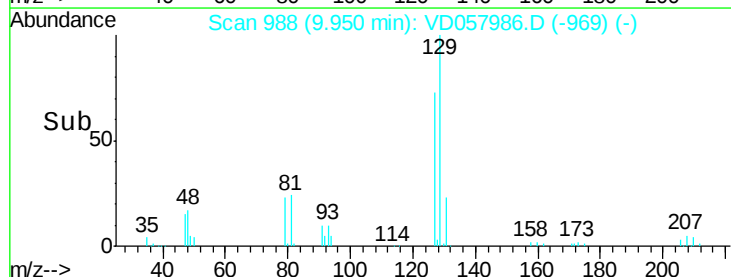
150000

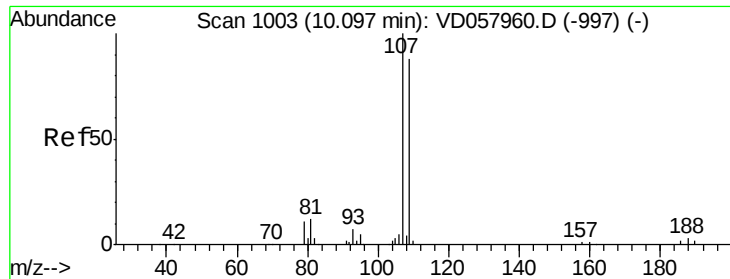
100000

50000

0

Time-->





#61

1,2-Dibromoethane

Concen: 55.040 ug/l

RT: 10.09 min Scan# 1002

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 379811

Ion Ratio Lower Upper

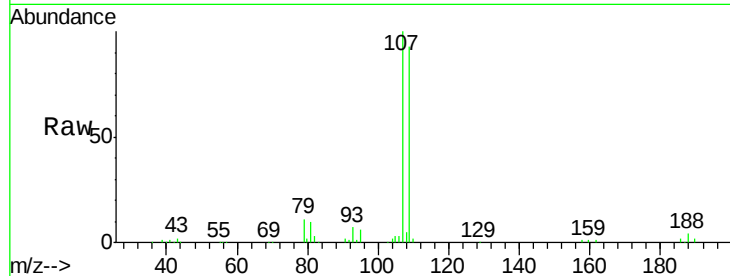
107 100

109 92.6 70.6 106.0

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V

10.09

200000

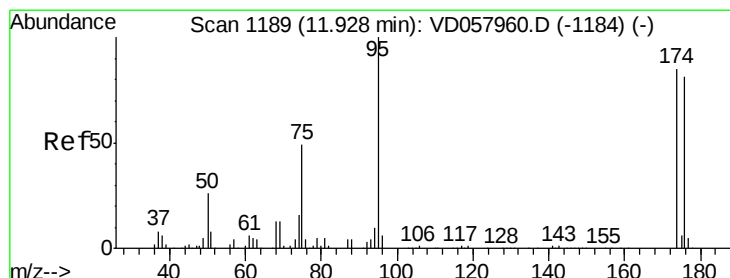
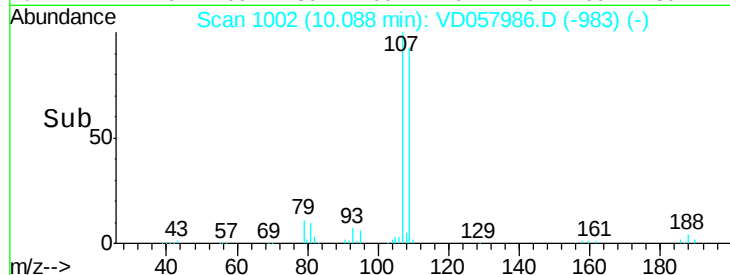
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 55.040 ug/l

RT: 11.92 min Scan# 1188

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

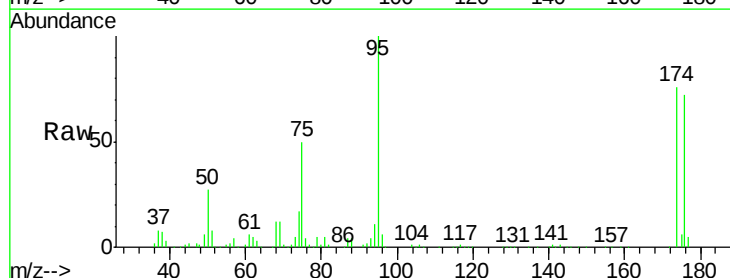
Tgt Ion: 95 Resp: 492092

Ion Ratio Lower Upper

95 100

174 76.0 0.0 169.4

176 72.0 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

11.92

400000

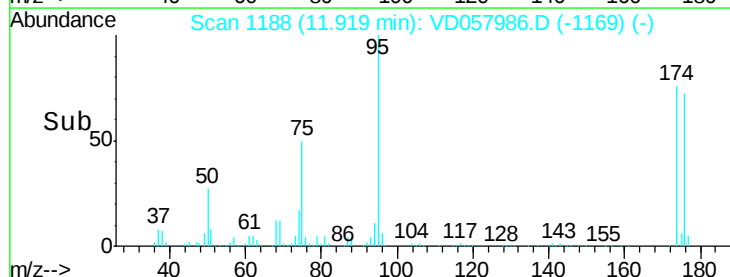
300000

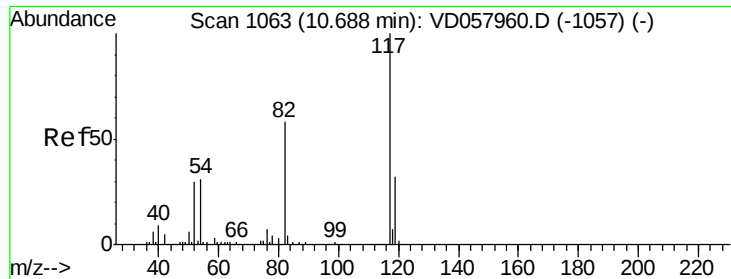
200000

100000

0

Time-->





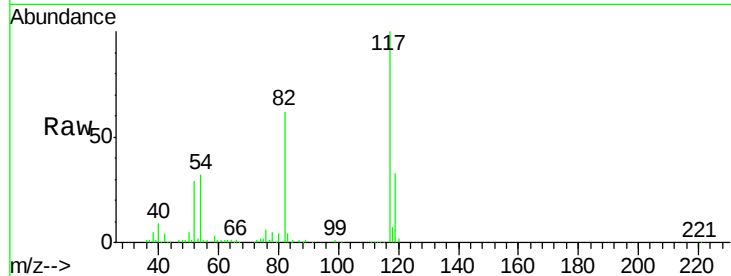
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

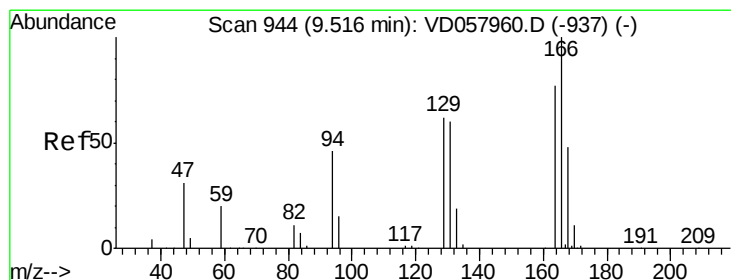
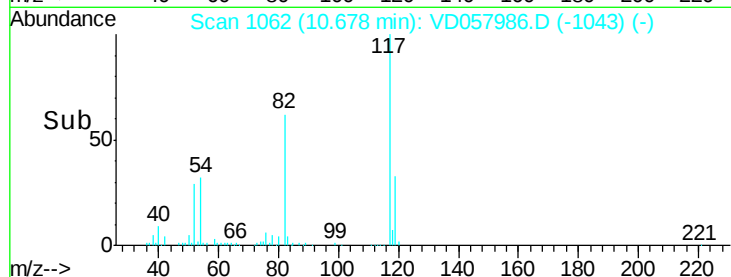
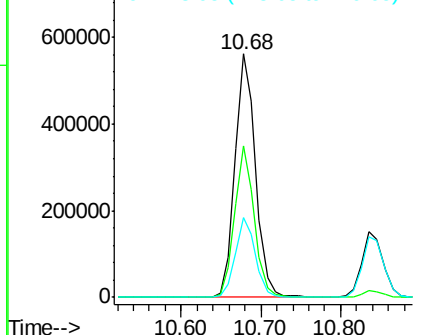
Tot Ion:117 Resp: 1015073
Ion Ratio Lower Upper
117 100
82 62.3 46.8 70.2
119 33.0 25.8 38.6

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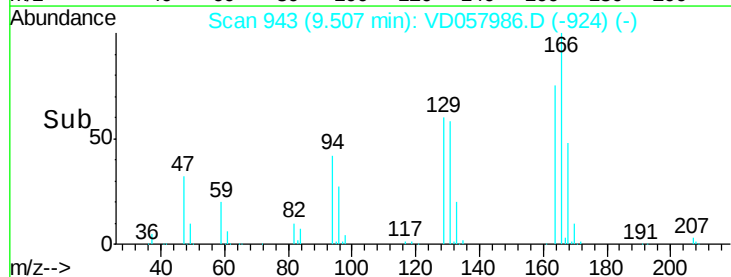
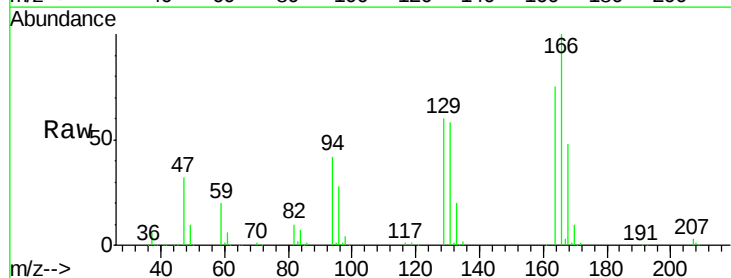
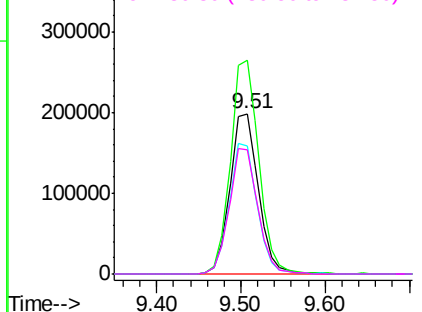
Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

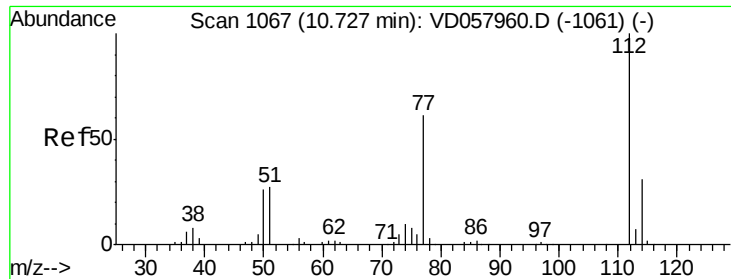


#64
Tetrachloroethene
Concen: 51.325 ug/l
RT: 9.51 min Scan# 943
Delta R.T. -0.01 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Tgt Ion:164 Resp: 465759
Ion Ratio Lower Upper
164 100
166 133.3 104.4 156.6
129 79.7 65.0 97.6
131 77.6 62.9 94.3

Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





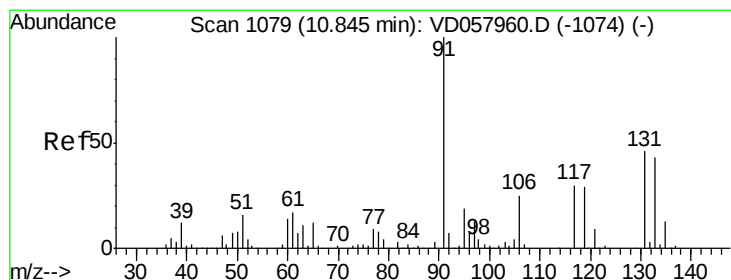
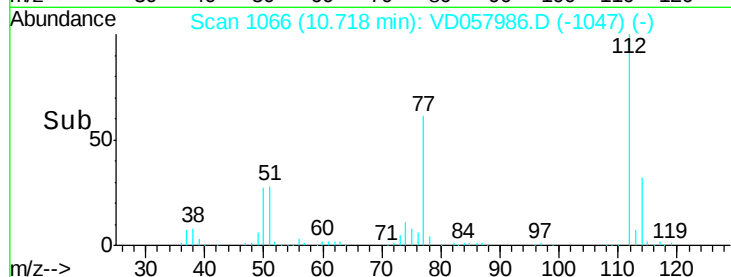
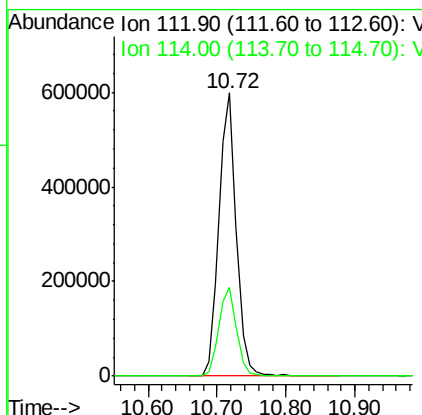
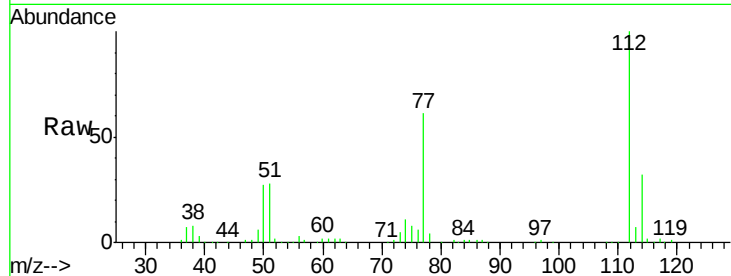
#65
Chlorobenzene
Concen: 50.946 ug/l
RT: 10.72 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 1046916
Ion Ratio Lower Upper
112 100
114 31.5 24.9 37.3

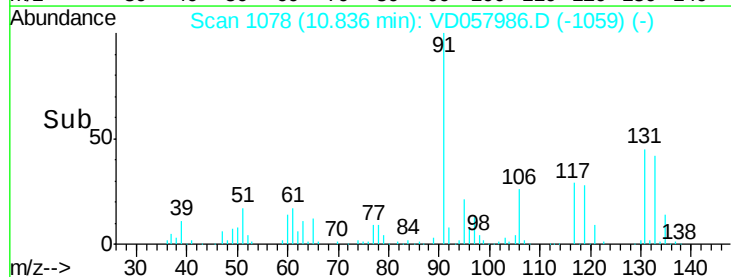
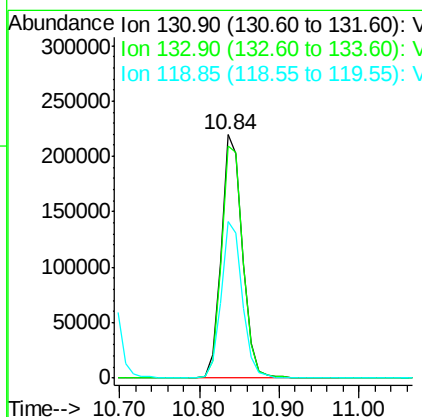
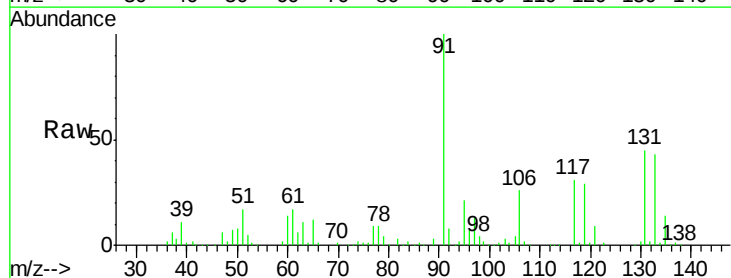
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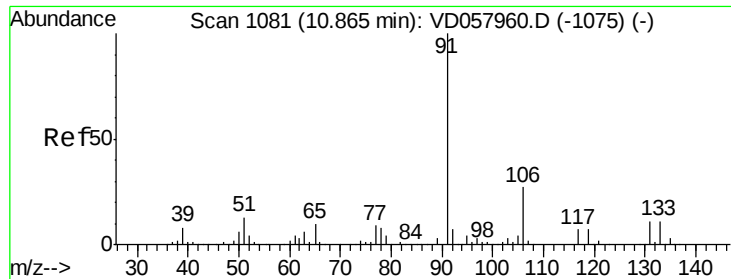
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.905 ug/l
RT: 10.84 min Scan# 1078
Delta R.T. -0.01 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Tgt Ion:131 Resp: 409794
Ion Ratio Lower Upper
131 100
133 95.4 46.9 140.6
119 64.2 31.8 95.3





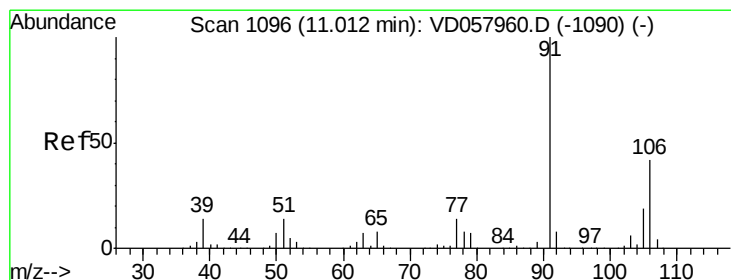
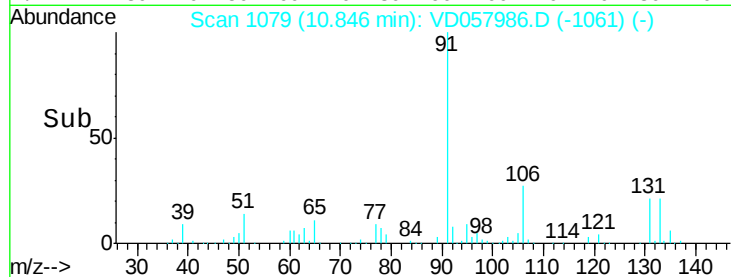
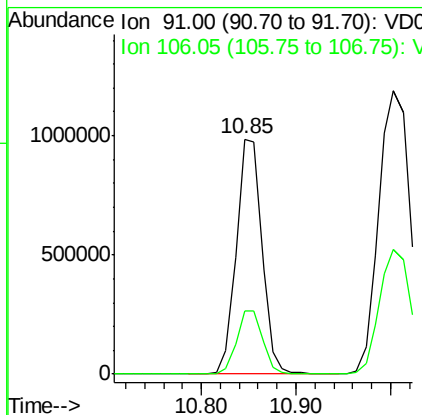
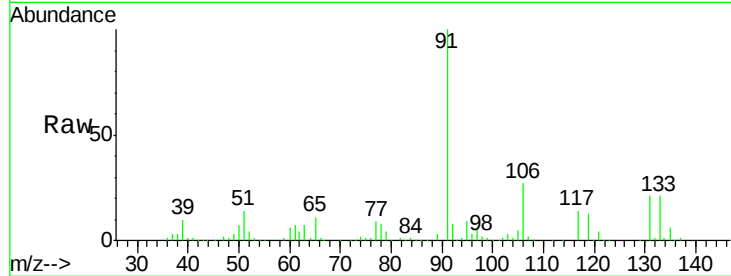
#67
Ethyl Benzene
Concen: 49.907 ug/l
RT: 10.85 min Scan# 1079
Delta R.T. -0.02 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1852794
Ion Ratio Lower Upper
91 100
106 26.9 21.5 32.3

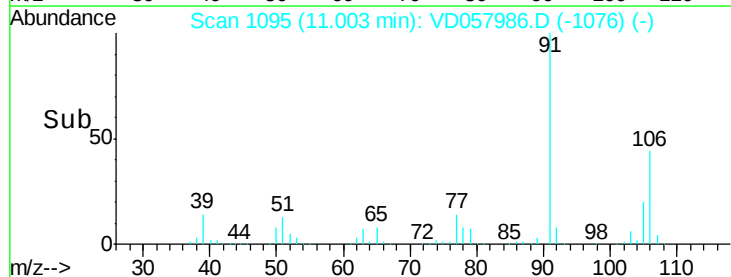
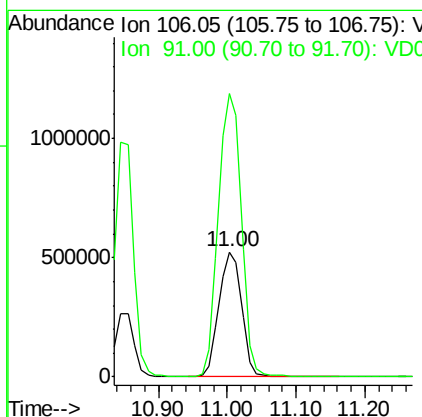
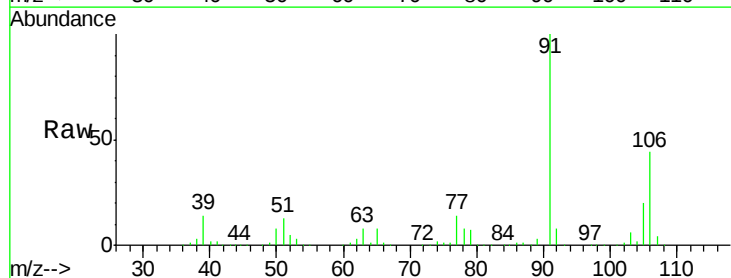
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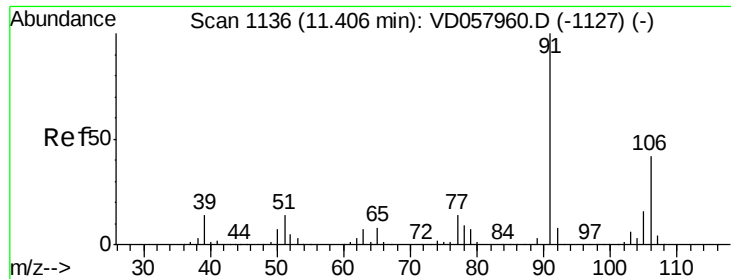
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#68
m/p-Xylenes
Concen: 98.621 ug/l
RT: 11.00 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Tgt Ion: 106 Resp: 1193591
Ion Ratio Lower Upper
106 100
91 225.9 190.4 285.6





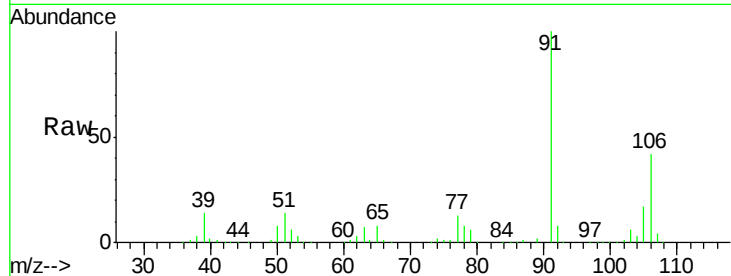
#69
o-Xylene
Concen: 50.120 ug/l
RT: 11.40 min Scan# 1135
Delta R.T. -0.01 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050EC

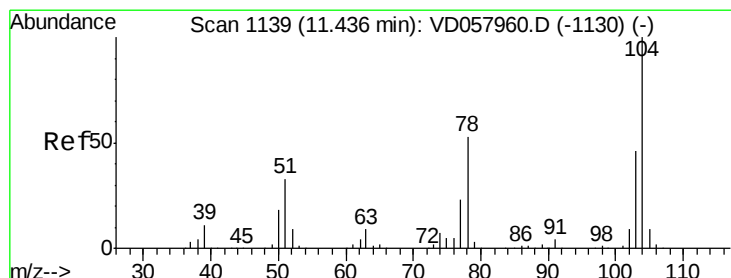
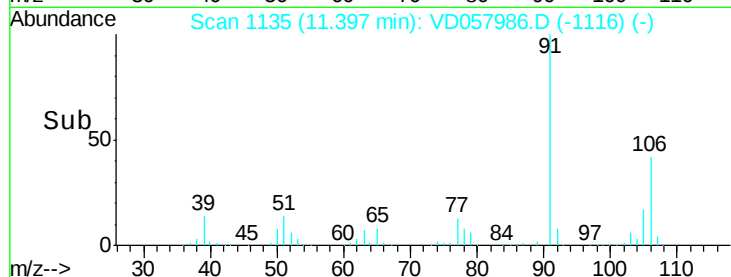
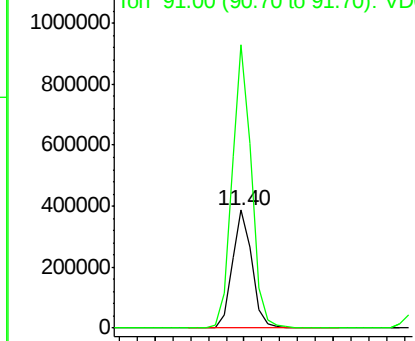
Tot Ion:106 Resp: 602106
Ion Ratio Lower Upper
106 100
91 239.6 120.6 361.7

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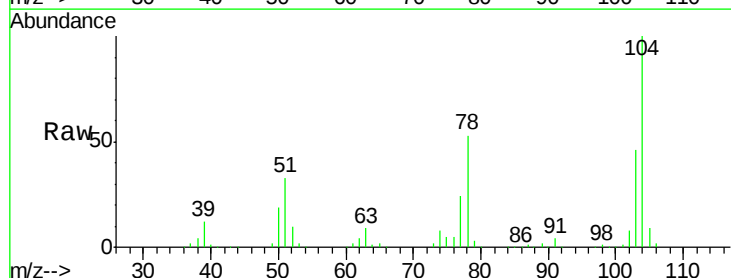


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

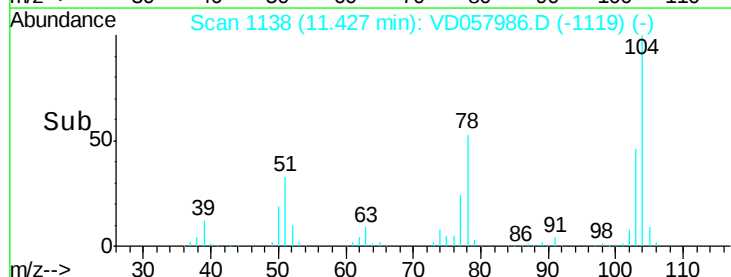
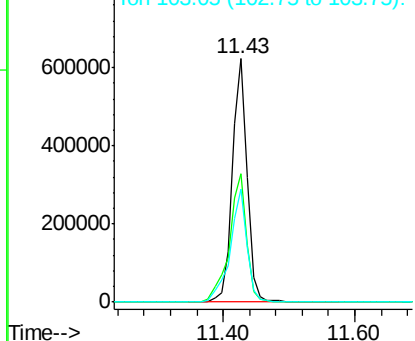


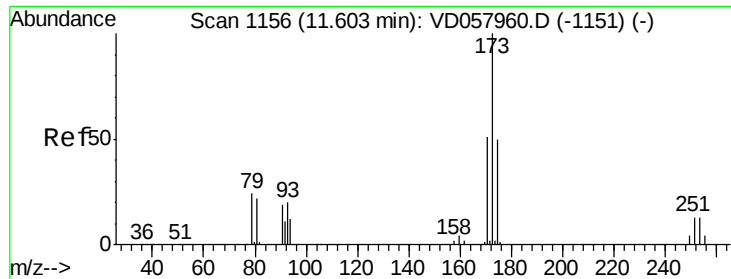
#70
Styrene
Concen: 49.412 ug/l
RT: 11.43 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Tgt Ion:104 Resp: 982667
Ion Ratio Lower Upper
104 100
78 52.7 42.1 63.1
103 46.3 37.0 55.6



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): VDC
Ion 103.05 (102.75 to 103.75): V





#71

Bromoform

Concen: 58.169 ug/l

RT: 11.59 min Scan# 1155

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 345485

Ion Ratio Lower Upper

173 100

175 46.7 25.1 75.2

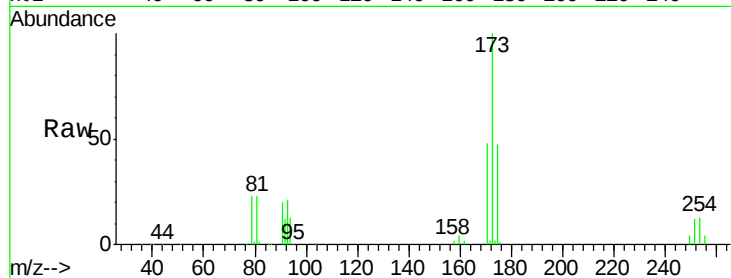
254 12.6 10.7 16.1

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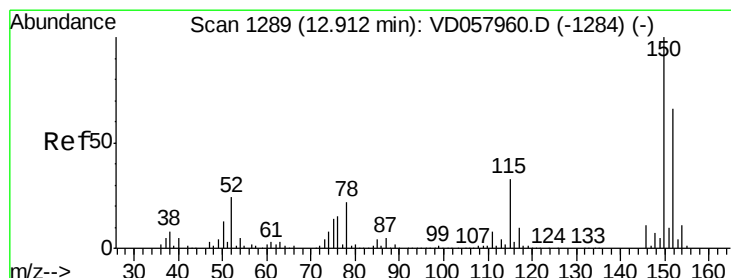
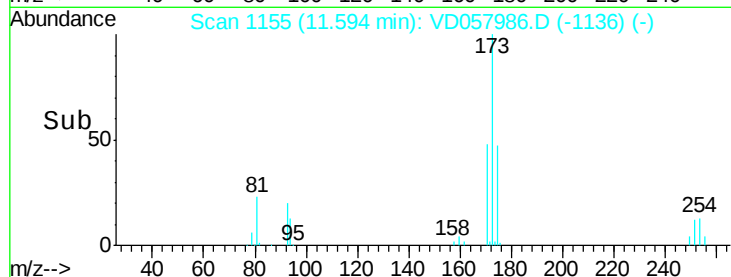
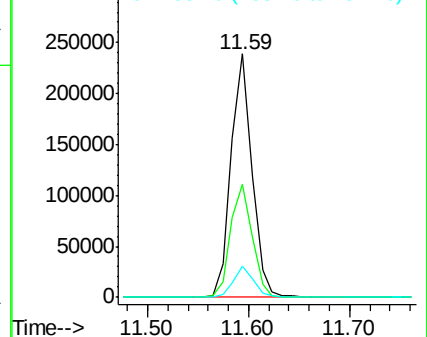
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Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

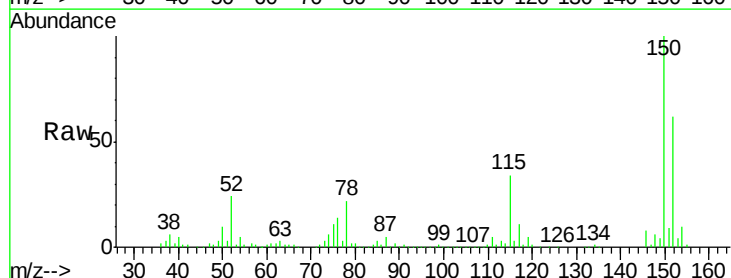
Tgt Ion:152 Resp: 504483

Ion Ratio Lower Upper

152 100

115 54.4 25.6 76.6

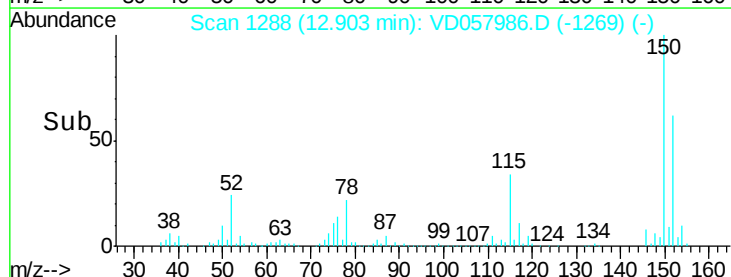
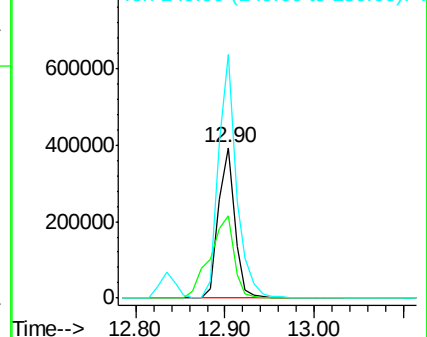
150 161.6 0.0 306.8

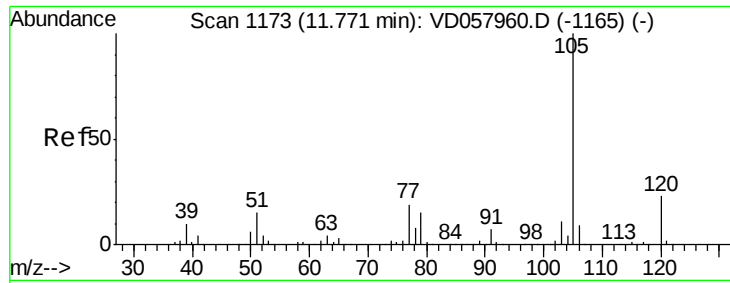


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.091 ug/l

RT: 11.76 min Scan# 1172

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1606943

Ion Ratio Lower Upper

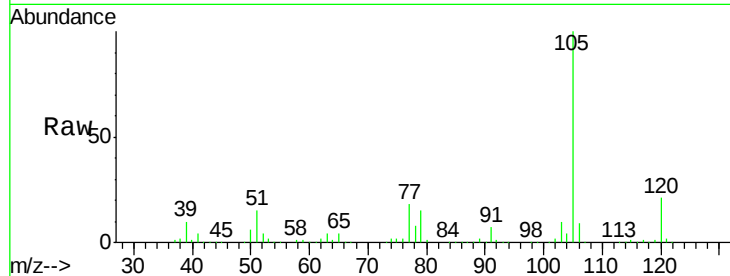
105 100

120 21.3 11.3 33.9

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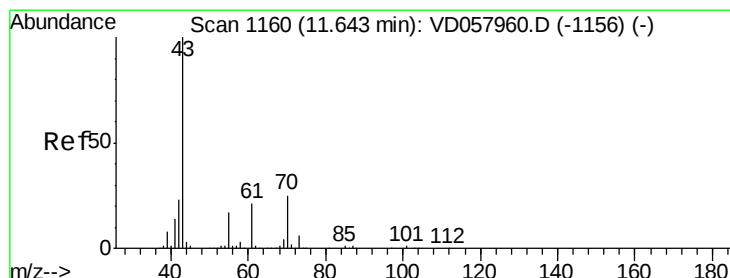
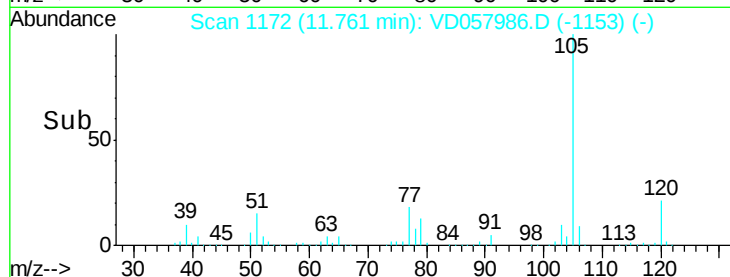
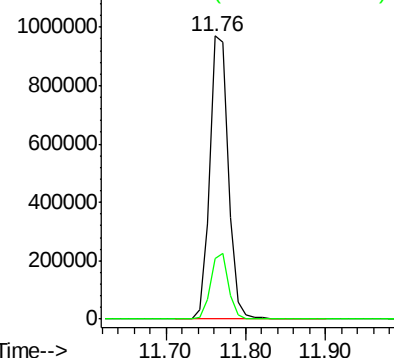
apatel

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Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 54.791 ug/l

RT: 11.64 min Scan# 1160

Delta R.T. 0.00 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Tgt Ion: 43 Resp: 706464

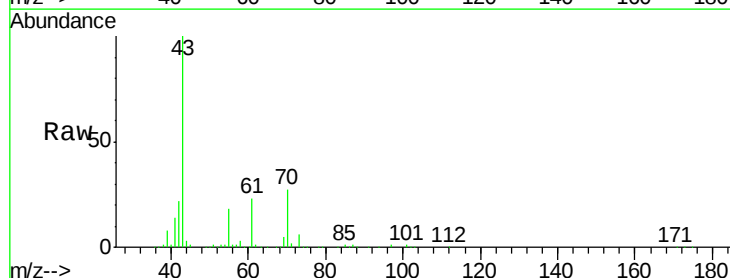
Ion Ratio Lower Upper

43 100

70 26.7 20.3 30.5

55 17.9 13.9 20.9

61 22.7 16.6 24.8

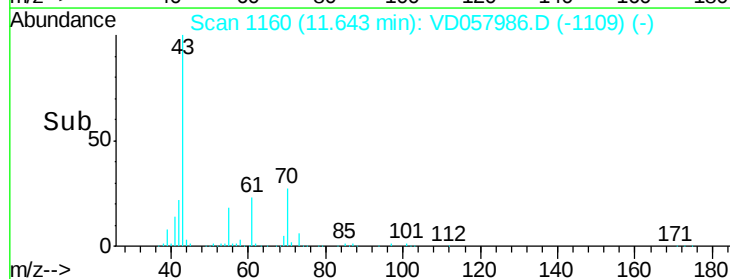
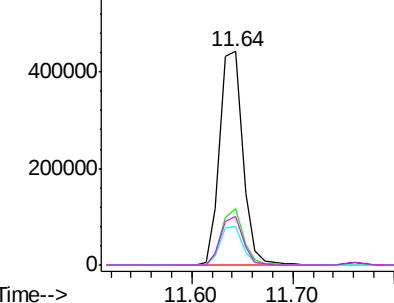


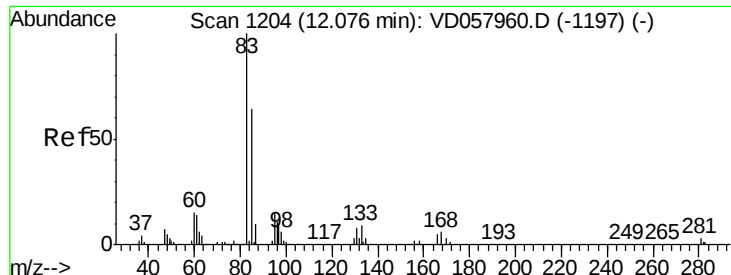
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 56.161 ug/l

RT: 12.07 min Scan# 1203

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 409149
Ion Ratio Lower Upper

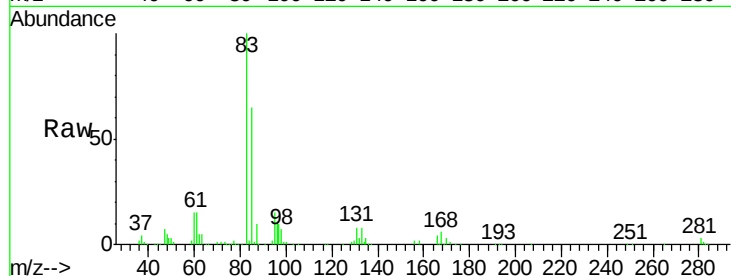
83 100

131 8.1 4.2 12.6

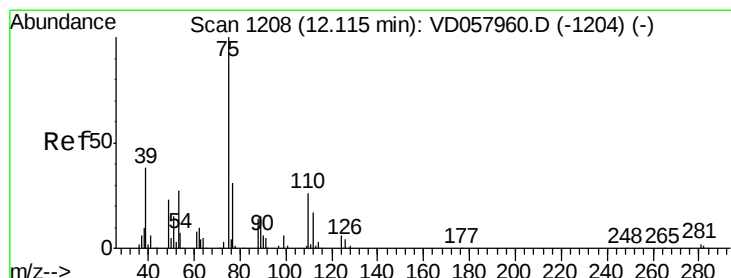
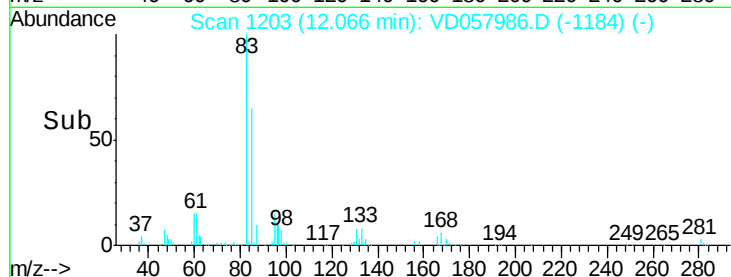
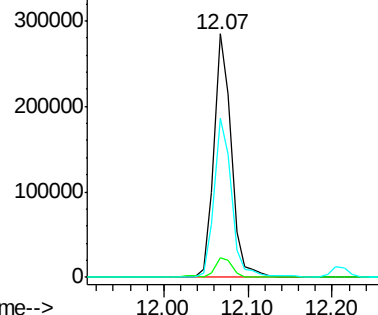
85 65.3 31.9 95.5

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Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 130.90 (130.60 to 131.60): VDC
Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 55.458 ug/l

RT: 12.11 min Scan# 1207

Delta R.T. -0.01 min

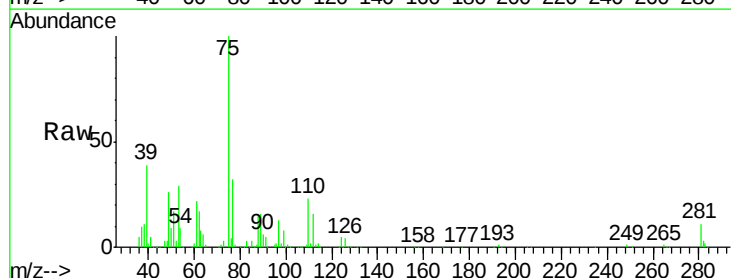
Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

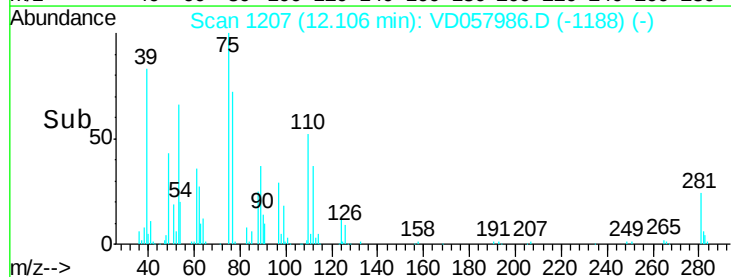
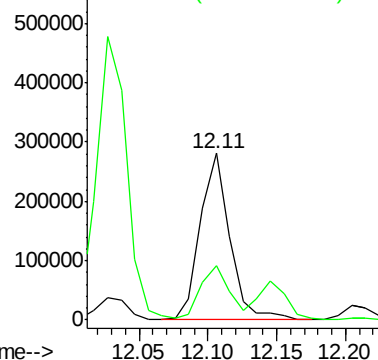
Tgt Ion: 75 Resp: 420266
Ion Ratio Lower Upper

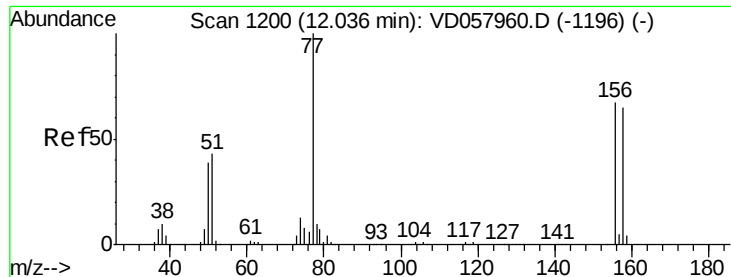
75 100

77 32.5 16.7 50.1



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 52.563 ug/l

RT: 12.04 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 519894

Ion Ratio Lower Upper

156 100

77 114.3 75.0 224.8

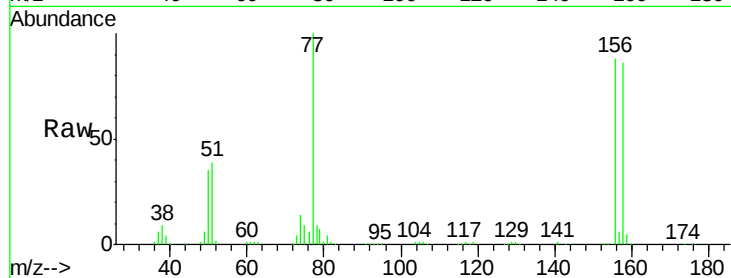
158 97.9 48.6 145.9

Manual Integrations

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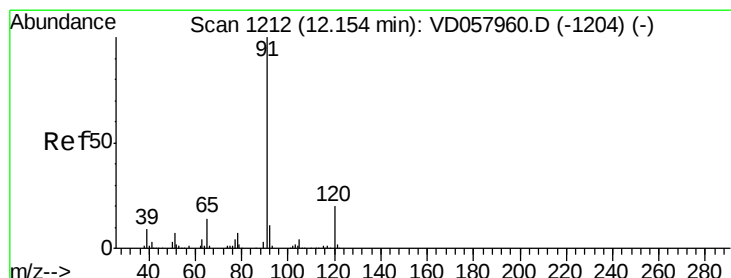
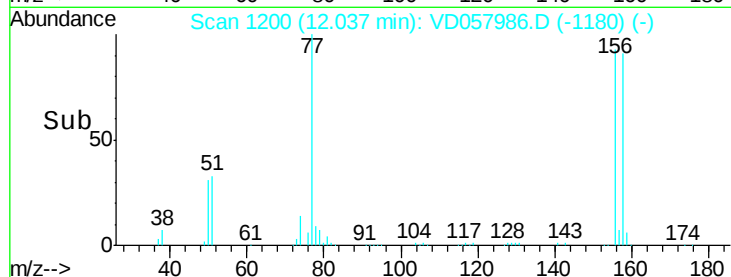
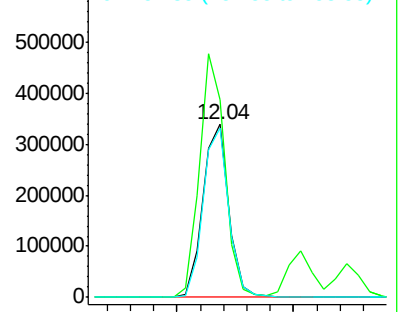
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Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 50.193 ug/l

RT: 12.15 min Scan# 1211

Delta R.T. -0.01 min

Lab File: VD057986.D

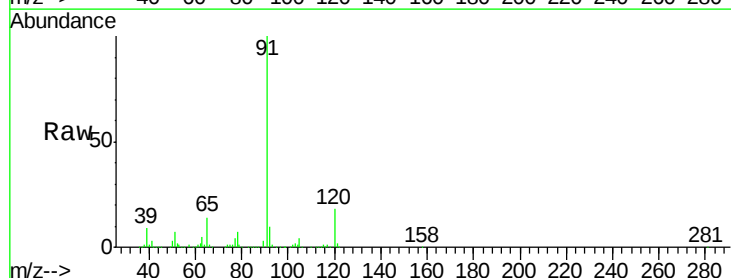
Acq: 7 Jun 2018 21:59

Tgt Ion: 91 Resp: 2182440

Ion Ratio Lower Upper

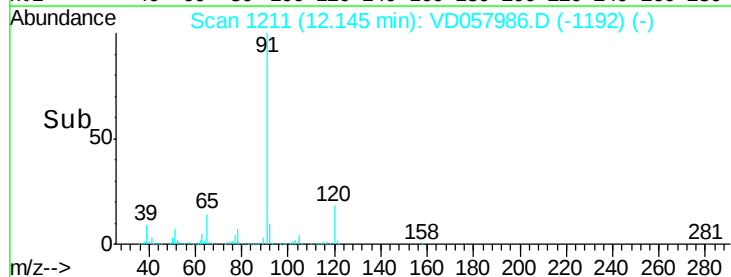
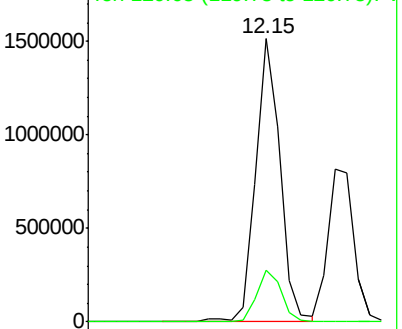
91 100

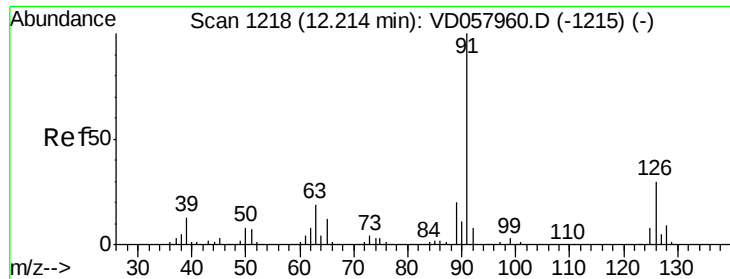
120 18.4 9.8 29.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 50.646 ug/l

RT: 12.20 min Scan# 1217

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1256275

Ion Ratio Lower Upper

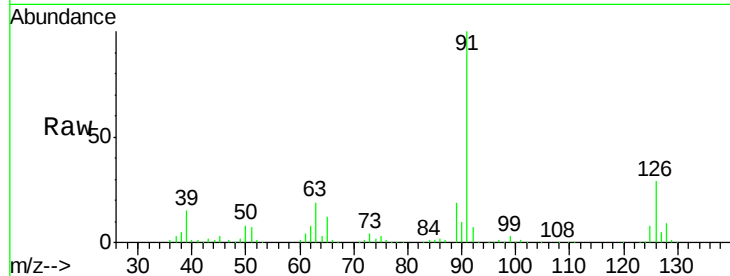
91 100

126 28.9 14.6 44.0

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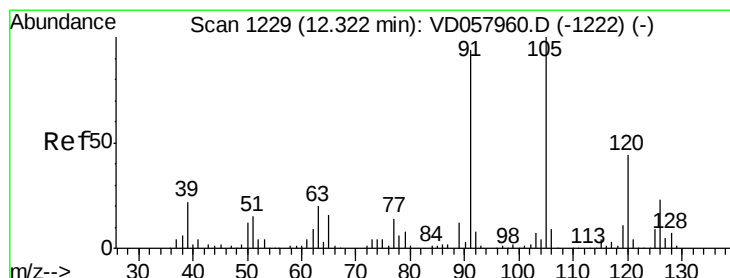
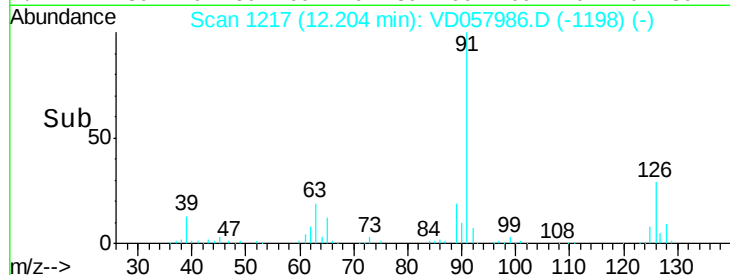
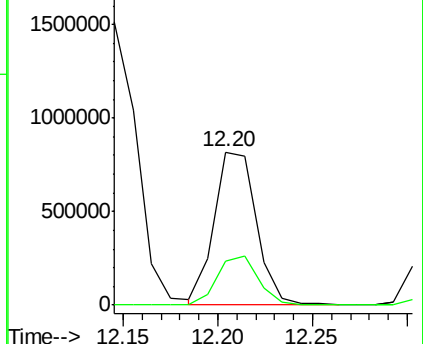
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Abundance Ion 91.00 (90.70 to 91.70): VD057960.D (-1215) (-)

Ion 125.95 (125.65 to 126.65): VD057986.D (-1198) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.928 ug/l

RT: 12.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VD057986.D

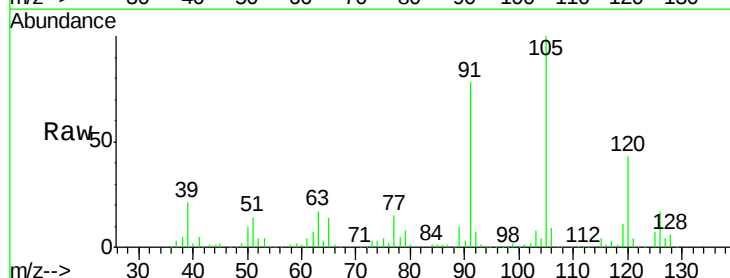
Acq: 7 Jun 2018 21:59

Tgt Ion: 105 Resp: 1301064

Ion Ratio Lower Upper

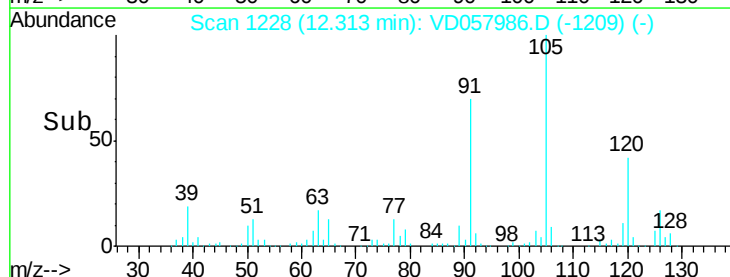
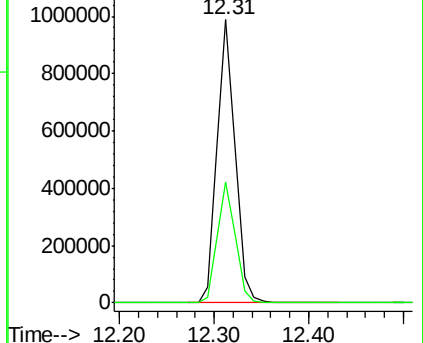
105 100

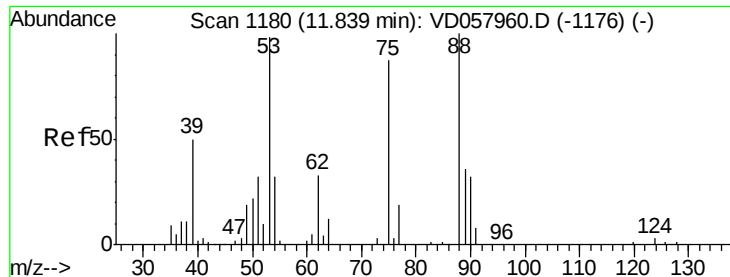
120 42.5 22.0 66.0



Abundance Ion 105.05 (104.75 to 105.75): VD057960.D (-1222) (-)

Ion 120.05 (119.75 to 120.75): VD057986.D (-1209) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 54.343 ug/l

RT: 11.84 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 102000

Ion Ratio Lower Upper

75 100

53 112.3 89.3 133.9

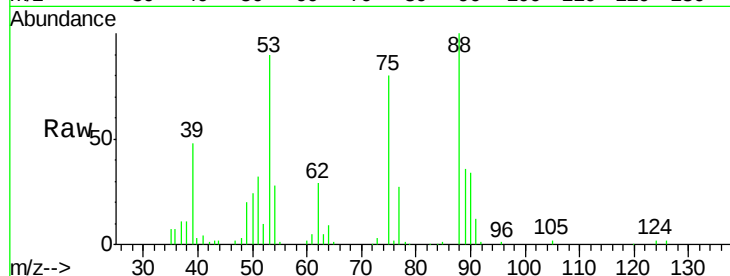
89 44.9 33.3 49.9

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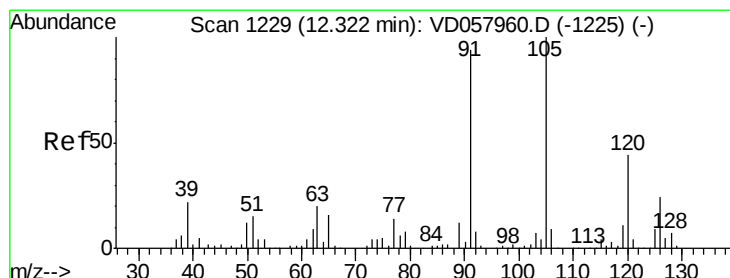
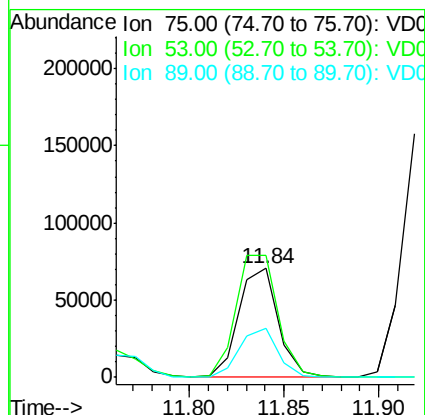
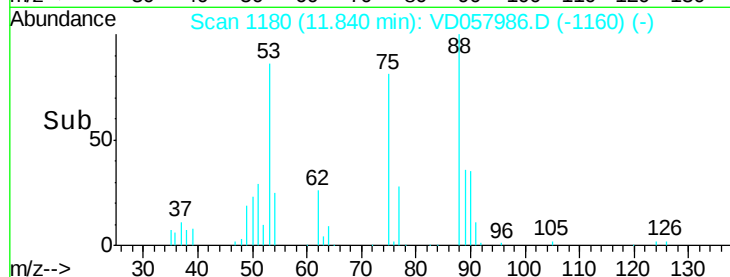


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

Time-->



#82

4-Chlorotoluene

Concen: 55.841 ug/l

RT: 12.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VD057986.D

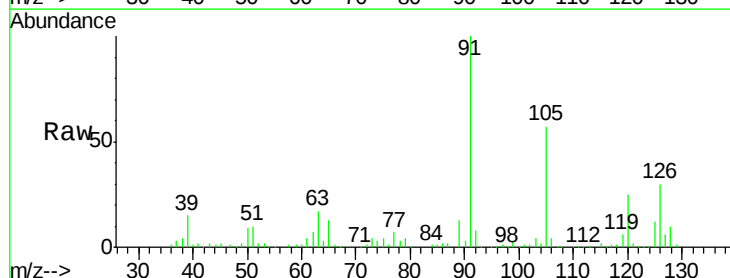
Acq: 7 Jun 2018 21:59

Tgt Ion: 91 Resp: 1338118

Ion Ratio Lower Upper

91 100

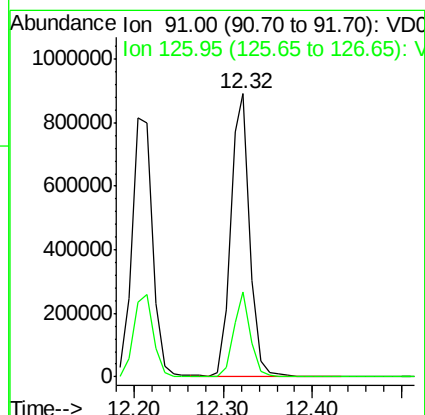
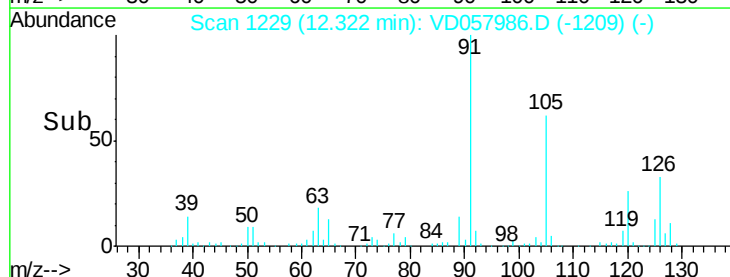
126 29.9 12.5 37.5

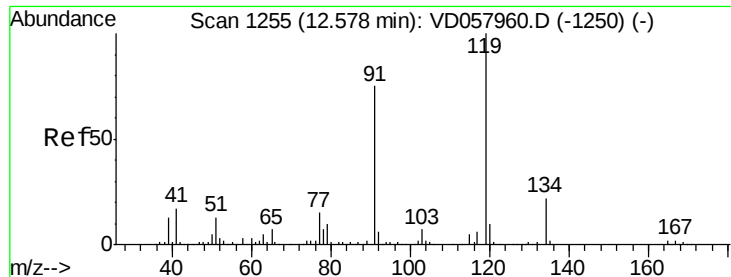


Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

Time-->





#83

tert-Butylbenzene

Concen: 51.166 ug/l

RT: 12.57 min Scan# 1254

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:119 Resp: 1505533

Ion Ratio Lower Upper

119 100

91 80.9 37.6 112.9

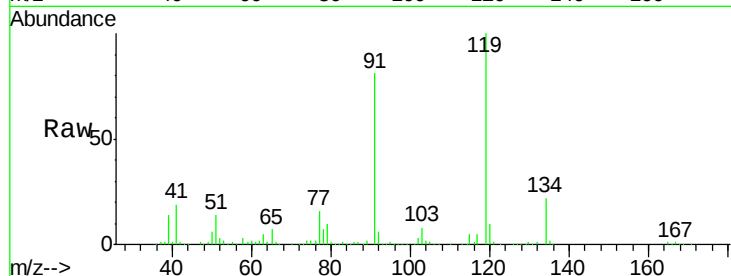
134 22.0 11.2 33.5

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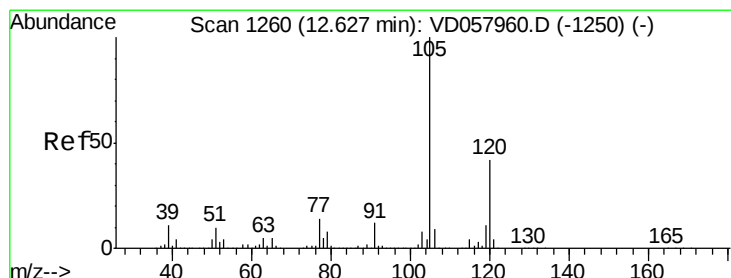
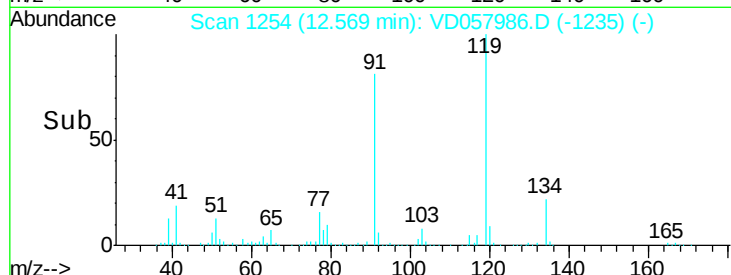
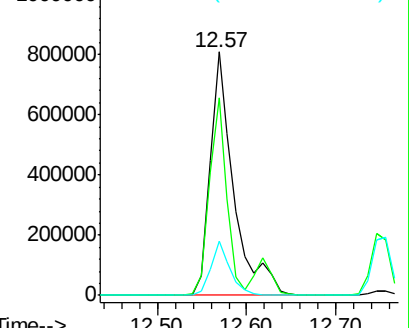
6/8/2018 9:22:36 AM



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.462 ug/l

RT: 12.62 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VD057986.D

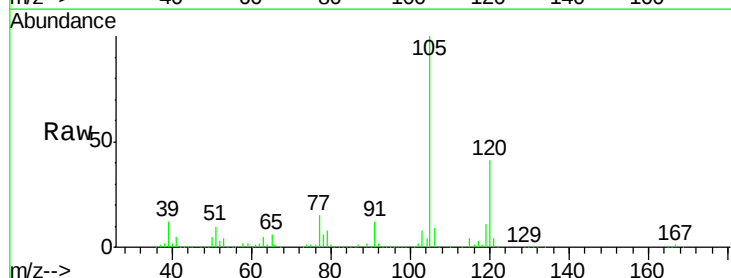
Acq: 7 Jun 2018 21:59

Tgt Ion:105 Resp: 1385871

Ion Ratio Lower Upper

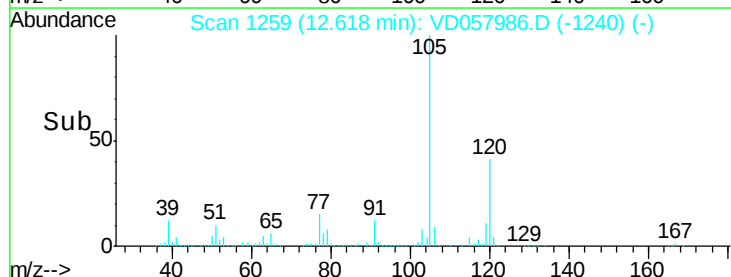
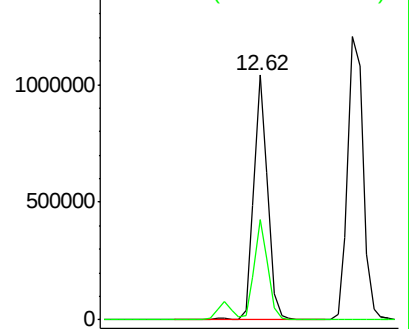
105 100

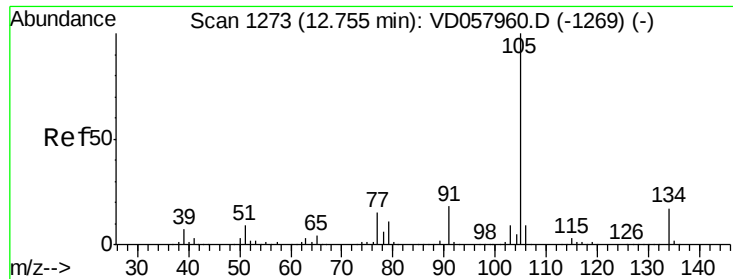
120 41.1 21.2 63.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#85

sec-Butylbenzene

Concen: 49.995 ug/l

RT: 12.75 min Scan# 1272

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1775365

Ion Ratio Lower Upper

105 100

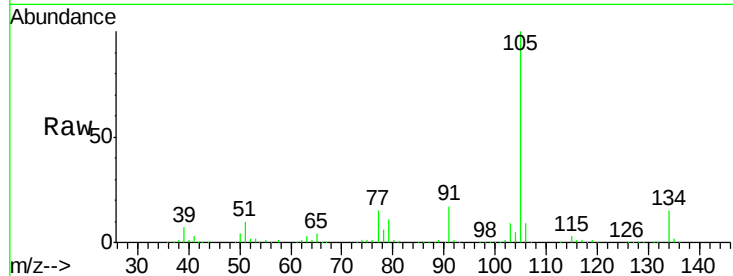
134 15.3 8.3 25.1

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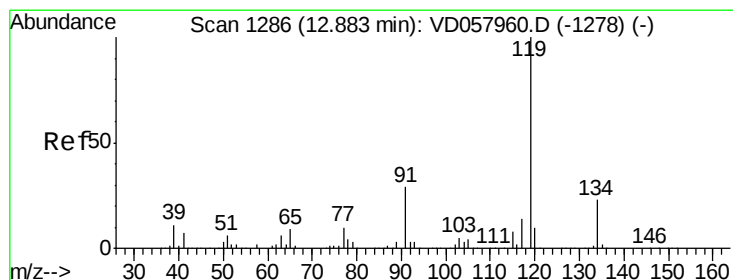
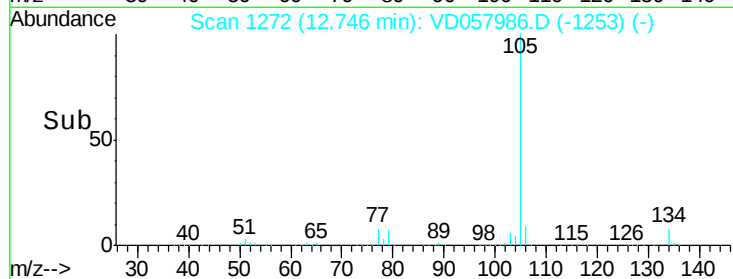
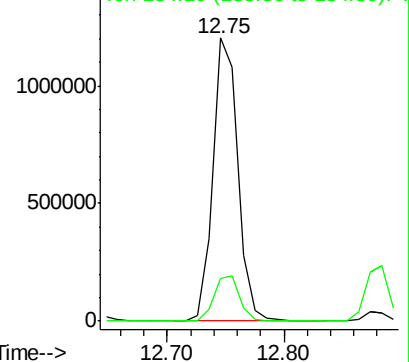
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Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 49.315 ug/l

RT: 12.88 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

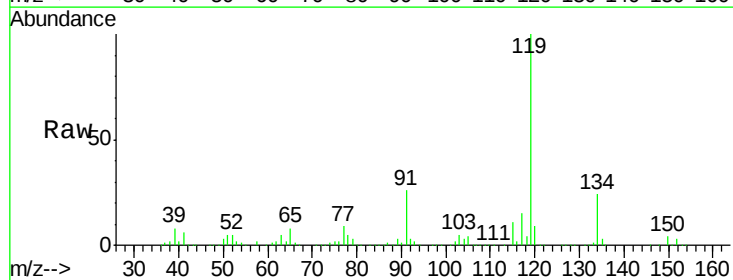
Tgt Ion:119 Resp: 1411444

Ion Ratio Lower Upper

119 100

134 24.0 11.5 34.4

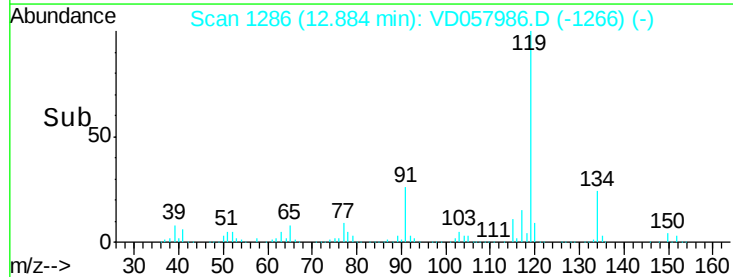
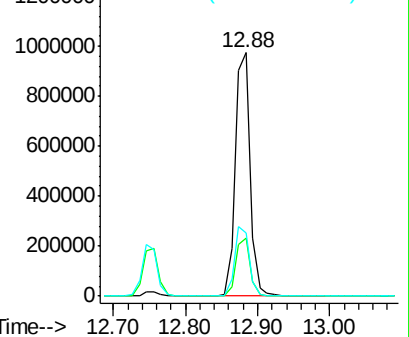
91 25.8 14.5 43.6

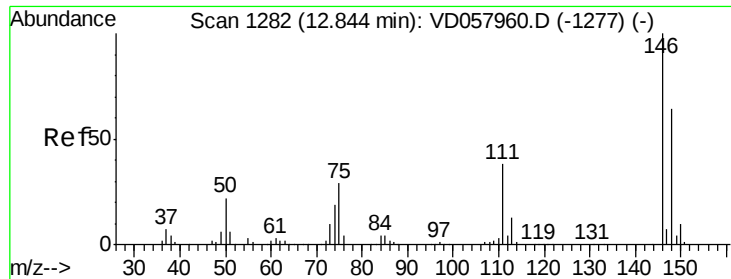


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V





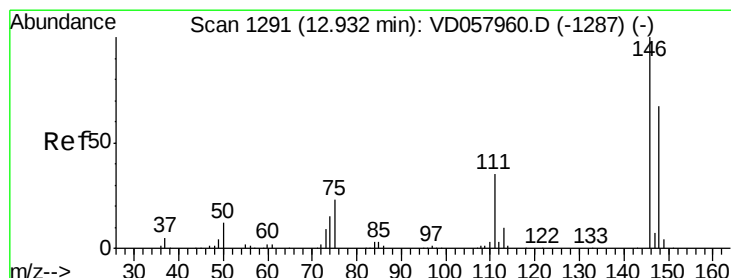
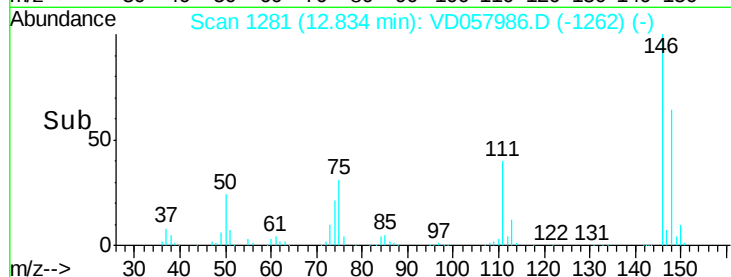
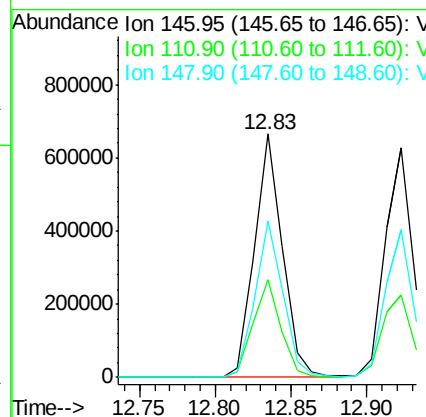
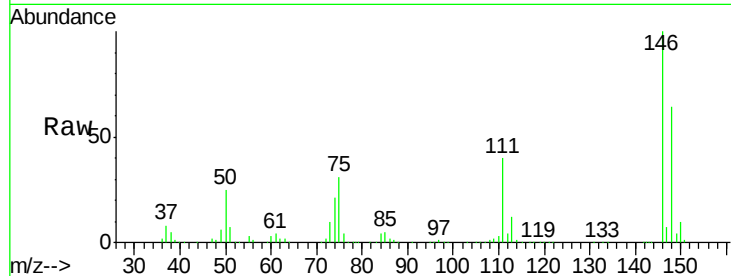
#87
 1,3-Dichlorobenzene
 Concen: 51.257 ug/l
 RT: 12.83 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: VD057986.D
 Acq: 7 Jun 2018 21:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.1	57.3
148	64.3	32.0	96.2

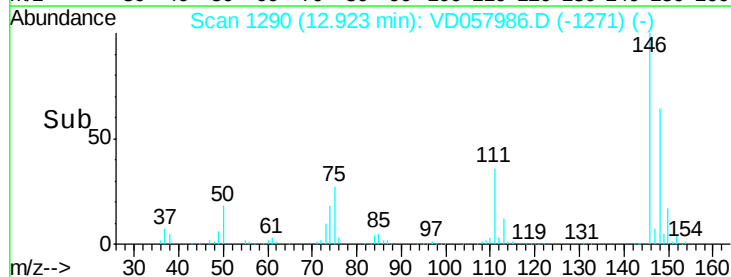
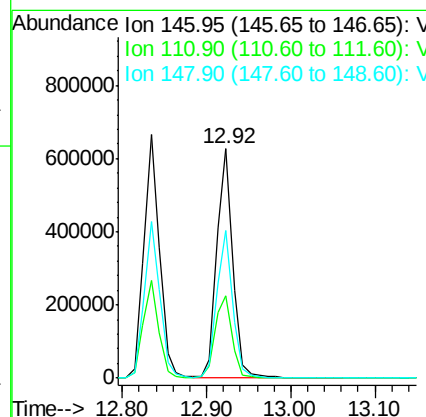
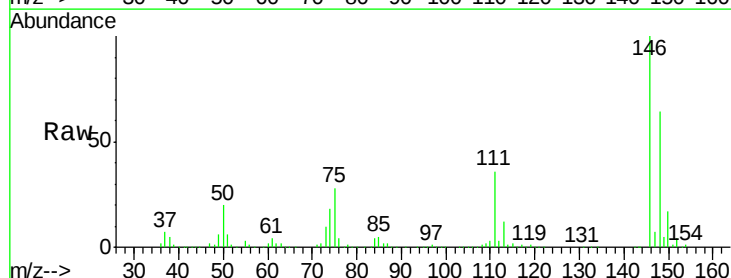
Manual Integrations
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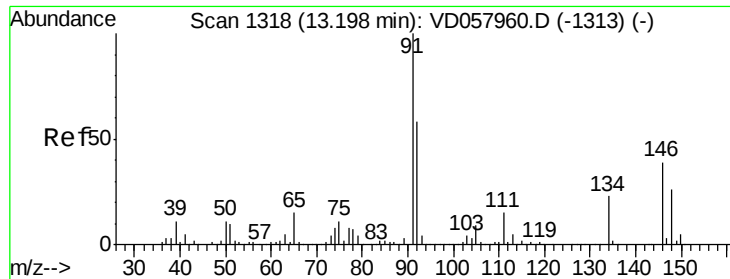
apatel
 6/8/2018 9:22:36 AM



#88
 1,4-Dichlorobenzene
 Concen: 50.704 ug/l
 RT: 12.92 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: VD057986.D
 Acq: 7 Jun 2018 21:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	17.3	52.0
148	64.3	33.4	100.2





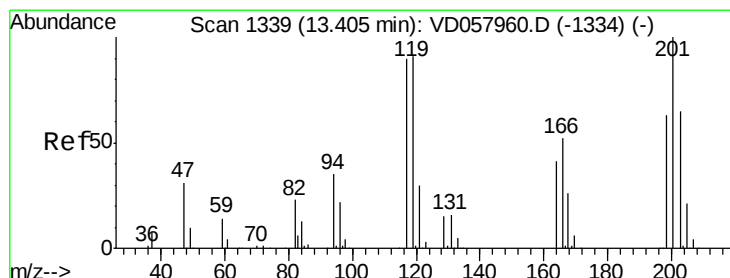
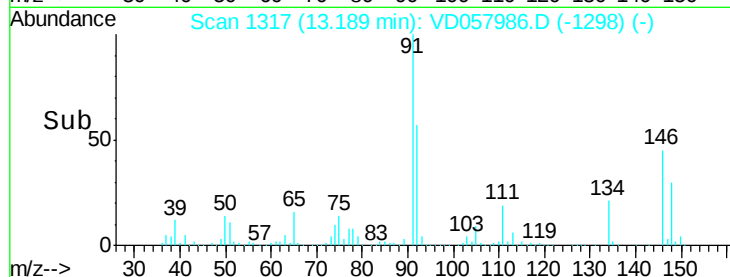
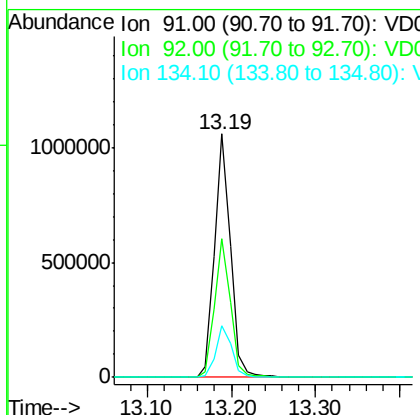
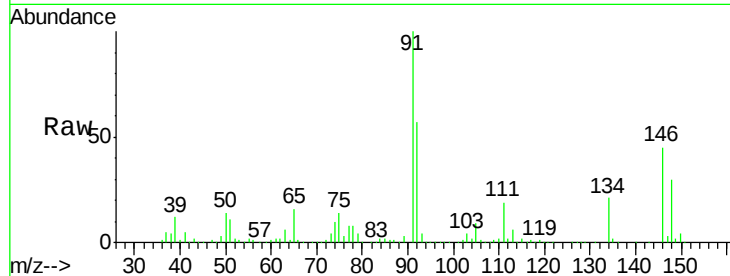
#89
n-Butylbenzene
Concen: 54.113 ug/l
RT: 13.19 min Scan# 1317
Delta R.T. -0.01 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1385842
Ion Ratio Lower Upper
91 100
92 56.9 29.2 87.6
134 21.4 11.3 33.9

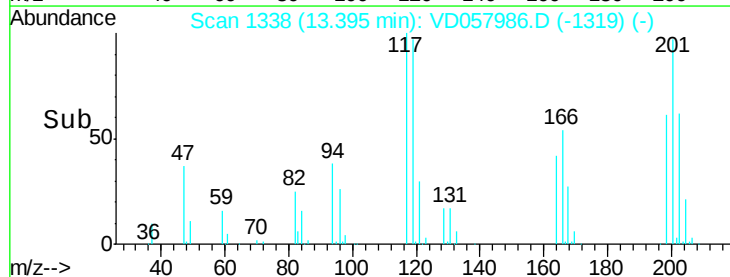
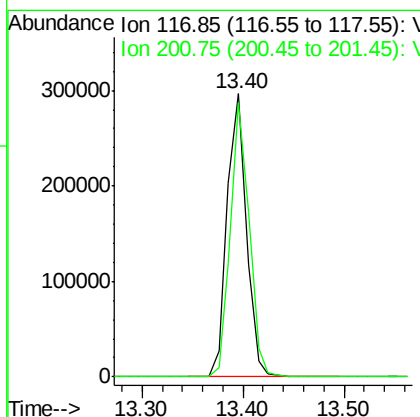
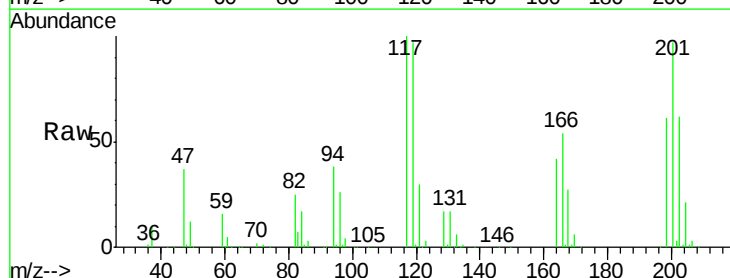
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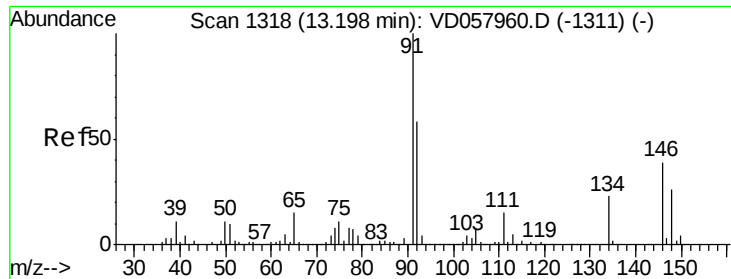
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#90
Hexachloroethane
Concen: 54.103 ug/l
RT: 13.40 min Scan# 1338
Delta R.T. -0.01 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Tgt Ion: 117 Resp: 395225
Ion Ratio Lower Upper
117 100
201 97.1 55.4 166.0





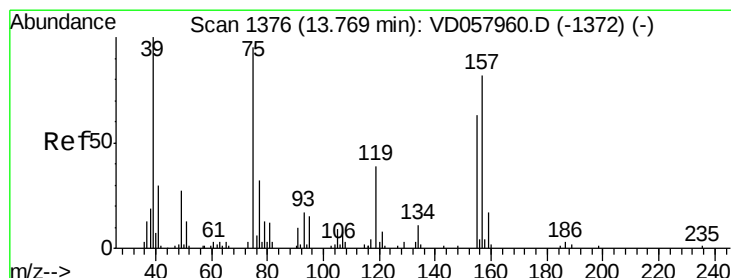
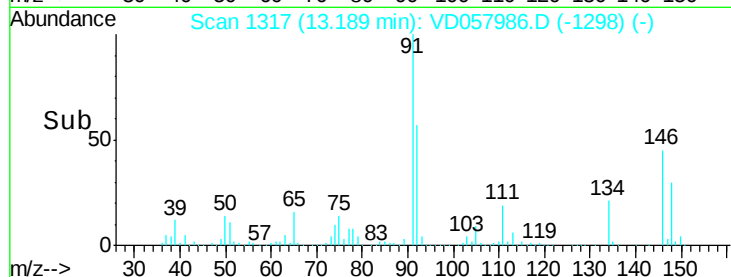
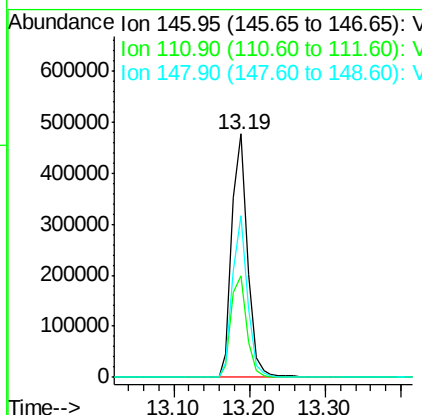
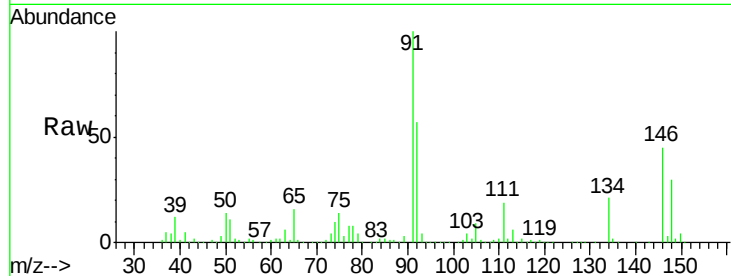
#91
 1,2-Dichlorobenzene
 Concen: 49.848 ug/l
 RT: 13.19 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: VD057986.D
 Acq: 7 Jun 2018 21:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	19.4	58.2
148	66.4	32.6	98.0

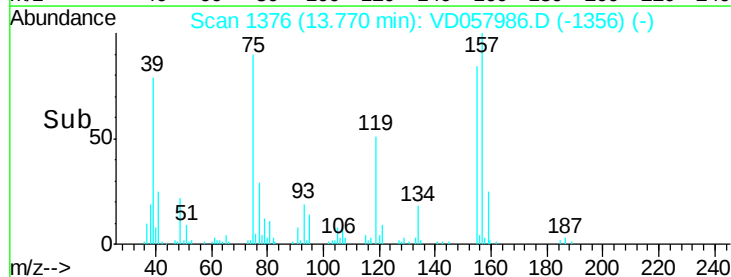
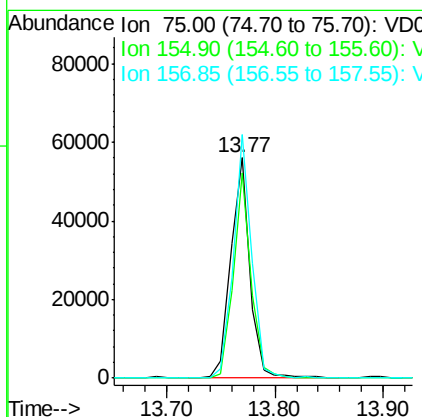
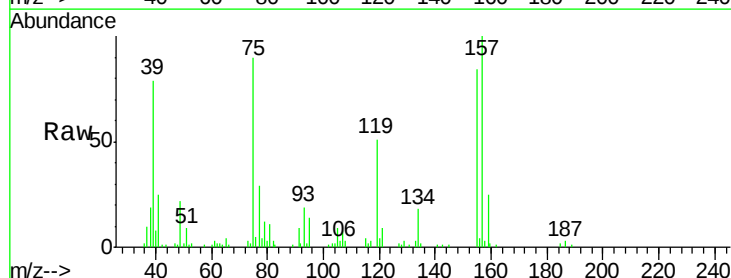
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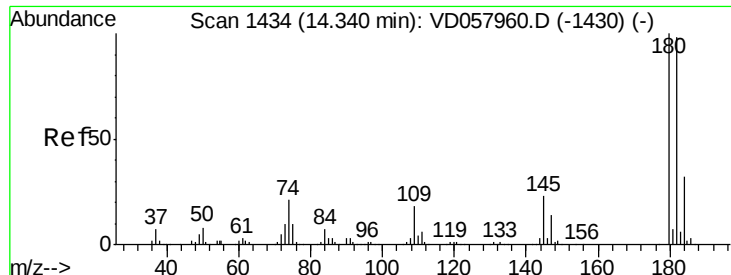
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 61.351 ug/l
 RT: 13.77 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: VD057986.D
 Acq: 7 Jun 2018 21:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.0	33.4	100.1
157	110.6	42.9	128.5





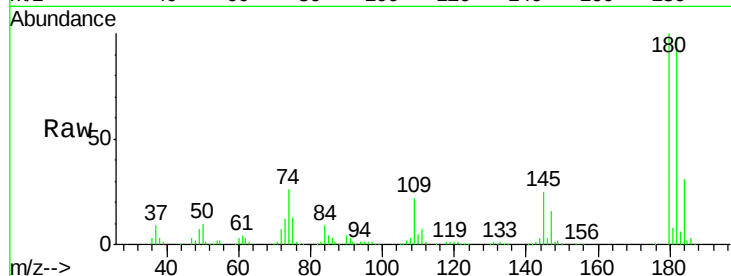
#93
 1,2,4-Trichlorobenzene
 Concen: 52.422 ug/l
 RT: 14.33 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: VD057986.D
 Acq: 7 Jun 2018 21:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

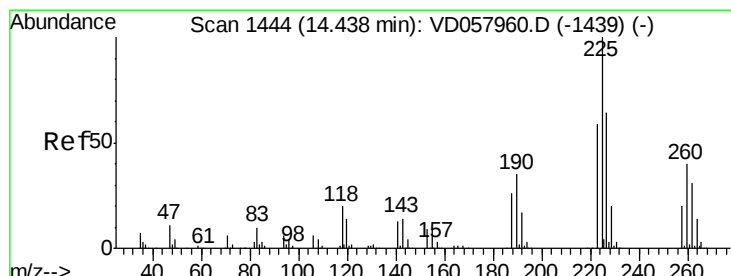
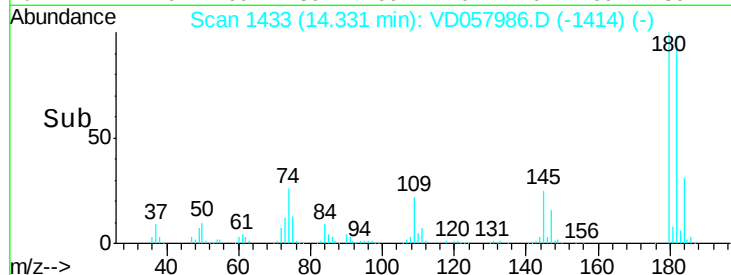
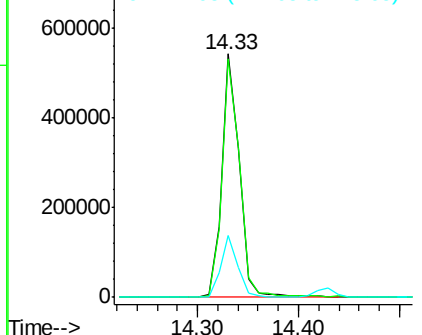
Tot Ion	Ratio	Resp	Lower	Upper
180	100	662201		
182	98.0	49.0	147.2	
145	25.4	11.8	35.3	

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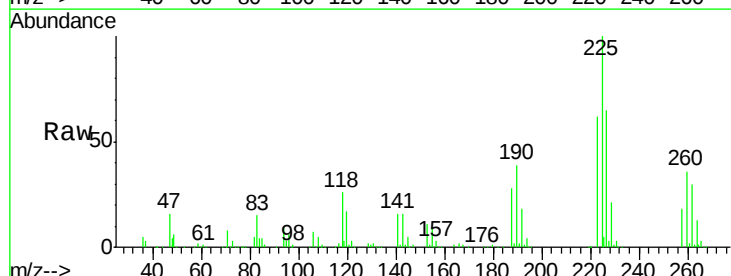


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

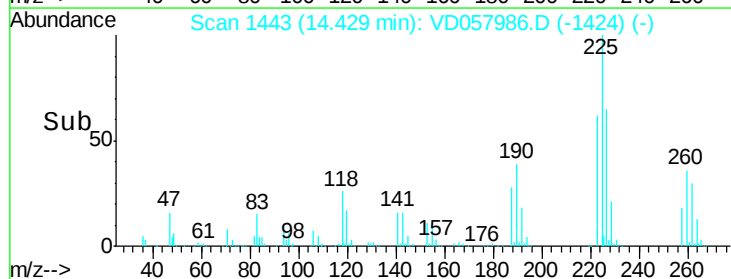
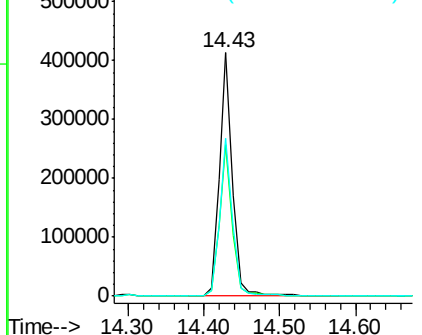


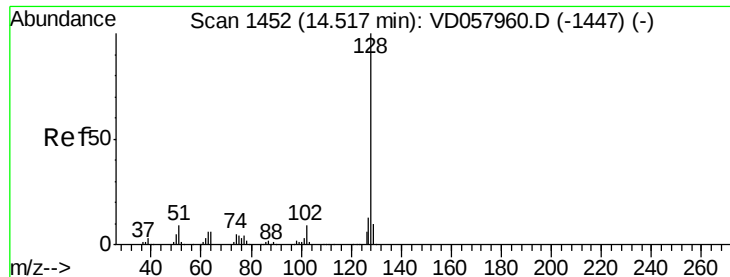
#94
 Hexachlorobutadiene
 Concen: 50.732 ug/l
 RT: 14.43 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: VD057986.D
 Acq: 7 Jun 2018 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	504073		
223	62.2	29.5	88.6	
227	64.8	32.0	96.0	



Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V





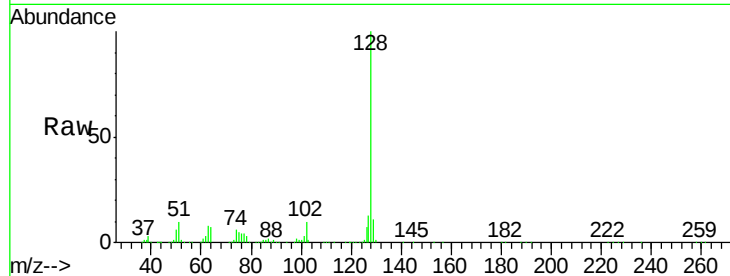
#95
Naphthalene
Concen: 55.532 ug/l
RT: 14.51 min Scan# 1451
Delta R.T. -0.01 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

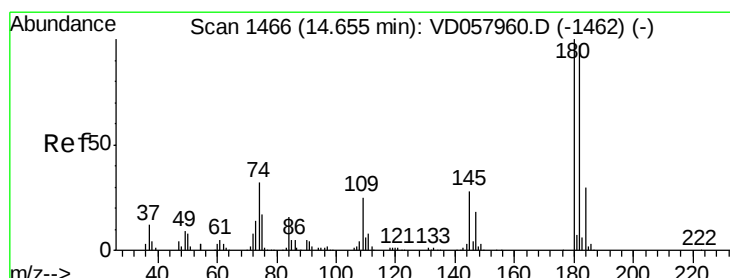
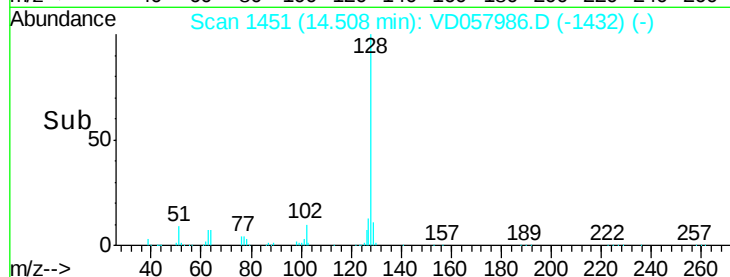
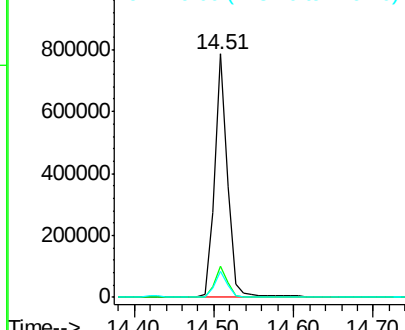
Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.7	8.2	12.2

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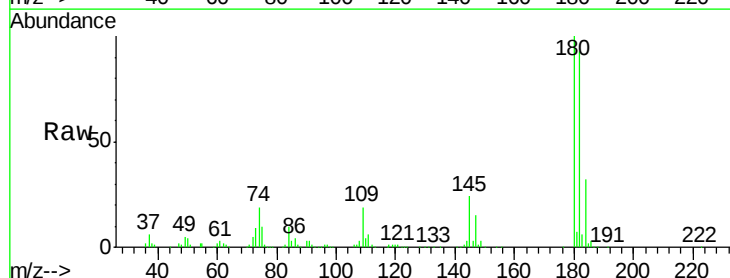


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 53.551 ug/l
RT: 14.66 min Scan# 1466
Delta R.T. 0.00 min
Lab File: VD057986.D
Acq: 7 Jun 2018 21:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	48.5	145.5
145	24.4	14.2	42.8



Abundance Ion 179.85 (179.55 to 180.55): V
Ion 181.85 (181.55 to 182.55): V
Ion 144.95 (144.65 to 145.65): V

