

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091018\
 Data File : VD059985.D
 Acq On : 10 Sep 2018 11:09
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 9/11/2018 12:25:17 PM

Quant Time: Sep 10 14:25:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1438548	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.43	114	1976045	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	1584220	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	851879	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	541028	44.62	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	89.24%	
35) Dibromofluoromethane	6.32	113	789319	50.95	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.90%	
50) Toluene-d8	9.45	98	2193083	51.01	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.42	95	829668	47.51	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	95.02%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.59	85	571294	44.43	ug/l	99
3) Chloromethane	1.75	50	564753	48.48	ug/l	97
4) Vinyl Chloride	1.85	62	508706	55.69	ug/l	99
5) Bromomethane	2.14	94	83213	52.77	ug/l	87
6) Chloroethane	2.25	64	161653	57.31	ug/l	98
7) Trichlorofluoromethane	2.50	101	631334	59.75	ug/l	95
8) Diethyl Ether	2.82	74	133534	56.33	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.08	101	424462	65.59	ug/l	95
10) Methyl Iodide	3.24	142	428078	61.26	ug/l	95
11) Tert butyl alcohol	3.96	59	192393	207.96	ug/l	98
12) 1,1-Dichloroethene	3.06	96	321028	63.72	ug/l	94
13) Acrolein	2.97	56	79402	197.88	ug/l	91
14) Allyl chloride	3.53	41	667012	58.52	ug/l	98
15) Acrylonitrile	4.08	53	819081	236.42	ug/l	99
16) Acetone	3.15	43	662579	299.95	ug/l	99
17) Carbon Disulfide	3.31	76	828301	52.97	ug/l	100
18) Methyl Acetate	3.54	43	246973	53.56	ug/l	99
19) Methyl tert-butyl Ether	4.12	73	1387242	48.68	ug/l	99
20) Methylene Chloride	3.71	84	802708	54.80	ug/l	93
21) trans-1,2-Dichloroethene	4.09	96	733387	52.84	ug/l	98
22) Diisopropyl ether	4.84	45	3062300	52.68	ug/l	99
23) Vinyl Acetate	4.79	43	7821348	240.70	ug/l	99
24) 1,1-Dichloroethane	4.75	63	1387137	55.24	ug/l	100
25) 2-Butanone	5.61	43	1588424	242.79	ug/l	98
26) 2,2-Dichloropropane	5.58	77	1143978	54.50	ug/l	99
27) cis-1,2-Dichloroethene	5.58	96	861107	56.66	ug/l	96
28) Bromochloromethane	5.92	49	607210	50.45	ug/l	95
29) Tetrahydrofuran	5.95	42	707885	227.28	ug/l	98
30) Chloroform	6.09	83	1420291	55.65	ug/l	97
31) Cyclohexane	6.36	56	1122233	48.61	ug/l	99
32) 1,1,1-Trichloroethane	6.28	97	1166272	53.85	ug/l	99
36) 1,1-Dichloropropene	6.52	75	987900	55.15	ug/l	98
37) Ethyl Acetate	5.69	43	633886	45.48	ug/l	99
38) Carbon Tetrachloride	6.49	117	972535	53.80	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.03	83	1027479	53.09	ug/l	98
40) Benzene	6.79	78	2529250	54.30	ug/l	100
41) Methacrylonitrile	5.94	41	449016m	63.95	ug/l	
42) 1,2-Dichloroethane	6.89	62	761502	50.93	ug/l	97
43) Isopropyl Acetate	8.35	43	838968	46.26	ug/l	100
44) Trichloroethene	7.74	130	785452	57.27	ug/l	99
45) 1,2-Dichloropropane	8.10	63	705034	54.15	ug/l	98
46) Dibromomethane	8.21	93	424719	50.74	ug/l	95
47) Bromodichloromethane	8.48	83	1027561	54.22	ug/l	99
48) Methyl methacrylate	8.24	41	487175	46.09	ug/l	98
49) 1,4-Dioxane	8.23	88	88435	937.04	ug/l	95
51) 4-Methyl-2-Pentanone	9.34	43	3232305	239.08	ug/l	99
52) Toluene	9.55	92	1636934	54.81	ug/l	100
53) t-1,3-Dichloropropene	9.91	75	904195	51.58	ug/l	99
54) cis-1,3-Dichloropropene	9.09	75	1079335	53.11	ug/l	99
55) 1,1,2-Trichloroethane	10.18	97	554778	50.82	ug/l	99
56) Ethyl methacrylate	10.03	69	606694	48.15	ug/l	99
57) 1,3-Dichloropropane	10.37	76	820679	51.94	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.92	63	1514807	250.62	ug/l	96
59) 2-Hexanone	10.48	43	2455927	246.29	ug/l	100
60) Dibromochloromethane	10.64	129	712520	51.92	ug/l	100
61) 1,2-Dibromoethane	10.76	107	557421	50.50	ug/l	97
64) Tetrachloroethene	10.25	164	716804	58.52	ug/l	98
65) Chlorobenzene	11.31	112	1842117	58.51	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.42	131	656541	57.08	ug/l	98
67) Ethyl Benzene	11.43	91	3103453	58.60	ug/l	98
68) m/p-Xylenes	11.56	106	2256381	117.01	ug/l	96
69) o-Xylene	11.93	106	1132459	60.04	ug/l	99
70) Styrene	11.95	104	1906290	58.37	ug/l	97
71) Bromoform	12.12	173	503609	50.61	ug/l	98
73) Isopropylbenzene	12.27	105	3019562	55.53	ug/l	99
74) N-amyl acetate	12.14	43	1071041	44.98	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.56	83	609921	48.49	ug/l	99
76) 1,2,3-Trichloropropane	12.60	75	651031	49.17	ug/l	99
77) Bromobenzene	12.54	156	837202	55.53	ug/l	86
78) n-propylbenzene	12.64	91	3901229	56.66	ug/l	97
79) 2-Chlorotoluene	12.71	91	2105233	54.06	ug/l	94
80) 1,3,5-Trimethylbenzene	12.80	105	2388499	55.25	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.34	75	191344	46.46	ug/l	94
82) 4-Chlorotoluene	12.80	91	2402398	54.09	ug/l	94
83) tert-Butylbenzene	13.04	119	2771999	56.28	ug/l	95
84) 1,2,4-Trimethylbenzene	13.09	105	2329071	51.69	ug/l	98
85) sec-Butylbenzene	13.22	105	3191996	55.11	ug/l	99
86) p-Isopropyltoluene	13.34	119	2653989	56.35	ug/l	97
87) 1,3-Dichlorobenzene	13.31	146	1512881	56.21	ug/l	97
88) 1,4-Dichlorobenzene	13.39	146	1512797	56.33	ug/l	96
89) n-Butylbenzene	13.64	91	2651180	61.81	ug/l	98
90) Hexachloroethane	13.86	117	686161	54.25	ug/l	84
91) 1,2-Dichlorobenzene	13.66	146	1257198	54.93	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.22	75	86680	44.82	ug/l	78

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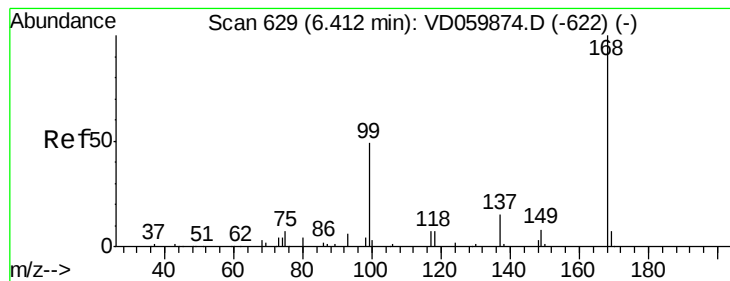
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.78	180	1070833	54.64	ug/l	98
94) Hexachlorobutadiene	14.88	225	748546	58.27	ug/l	99
95) Naphthalene	14.96	128	1525642	50.95	ug/l	99
96) 1,2,3-Trichlorobenzene	15.11	180	904496	53.97	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.40 min Scan# 495

Delta R.T. -0.01 min

Lab File: VD059985.D

Acq: 10 Sep 2018 11:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 1438548

Ion Ratio Lower Upper

168 100

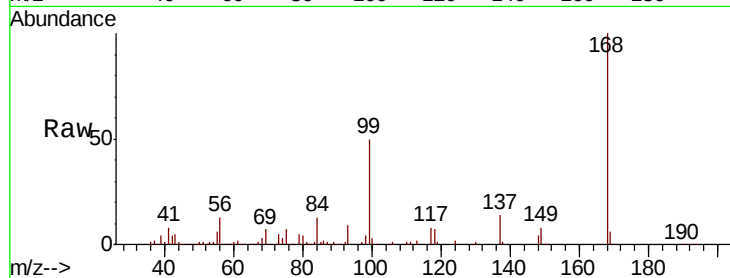
99 50.5 42.2 63.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

500000

400000

300000

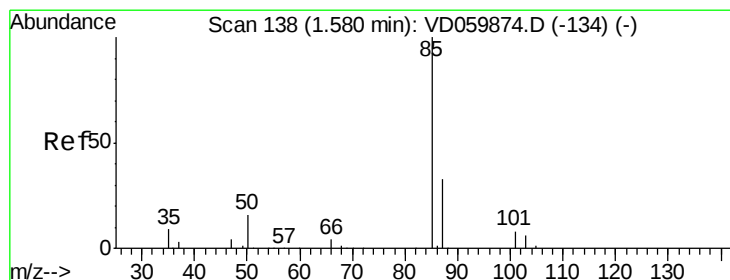
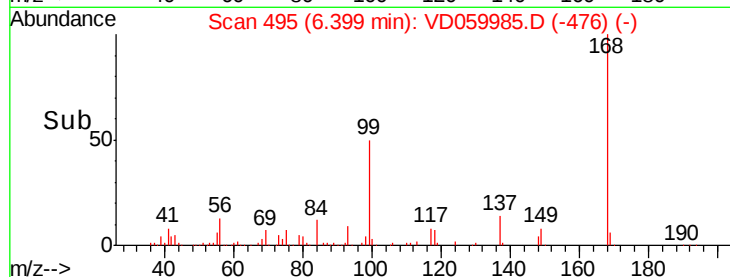
200000

100000

0

6.30 6.40 6.50 6.60

Time-->



#2

Dichlorodifluoromethane

Concen: 44.43 ug/l

RT: 1.59 min Scan# 6

Delta R.T. 0.01 min

Lab File: VD059985.D

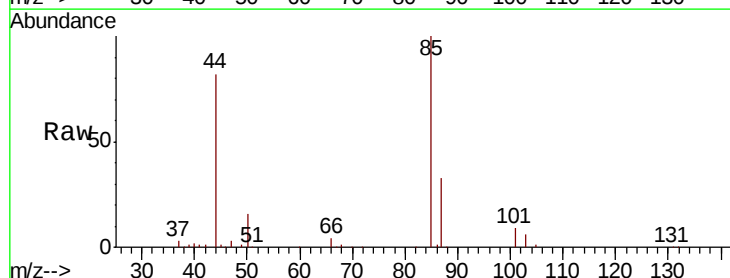
Acq: 10 Sep 2018 11:09

Tgt Ion: 85 Resp: 571294

Ion Ratio Lower Upper

85 100

87 33.0 16.8 50.3



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.59

200000

150000

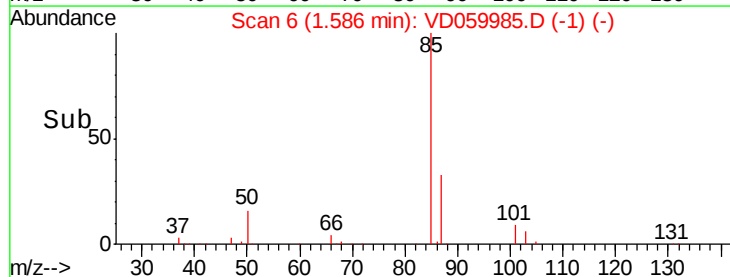
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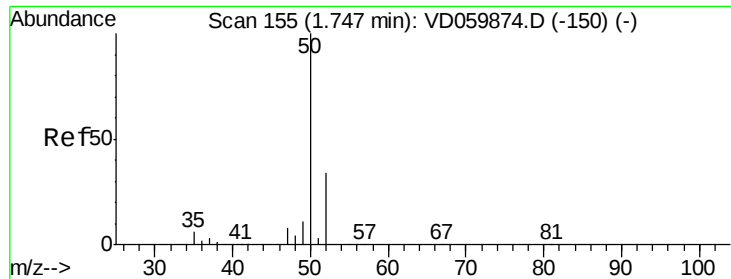
50000

0

1.50 1.60 1.70

Time-->





#3

Chloromethane

Concen: 48.48 ug/l

RT: 1.75 min Scan# 23

Delta R.T. 0.01 min

Lab File: VD059985.D

Acq: 10 Sep 2018 11:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 564753

Ion Ratio Lower Upper

50 100

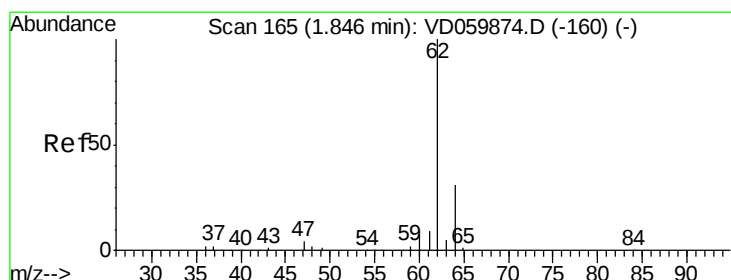
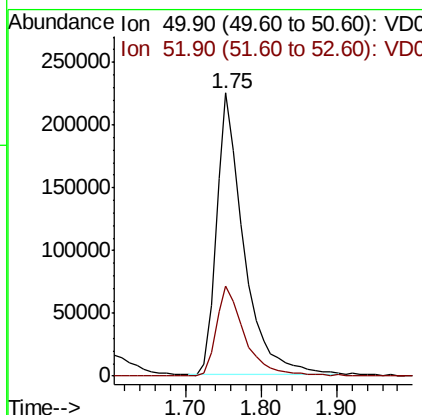
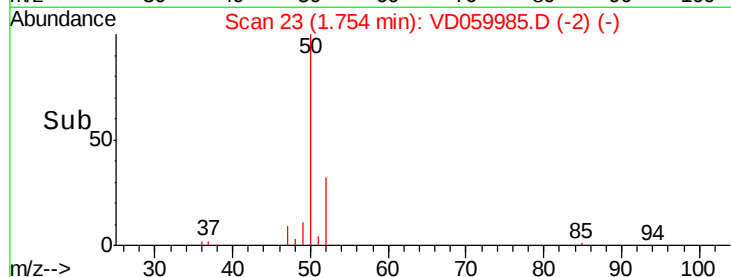
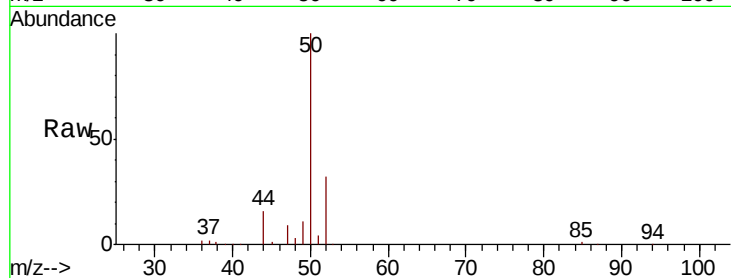
52 31.9 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 55.69 ug/l

RT: 1.85 min Scan# 33

Delta R.T. 0.01 min

Lab File: VD059985.D

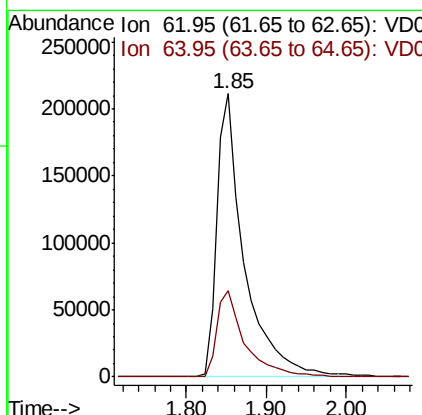
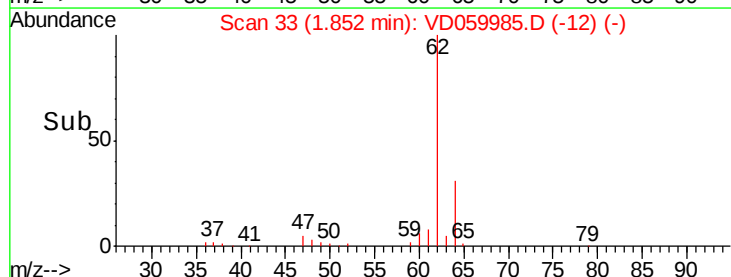
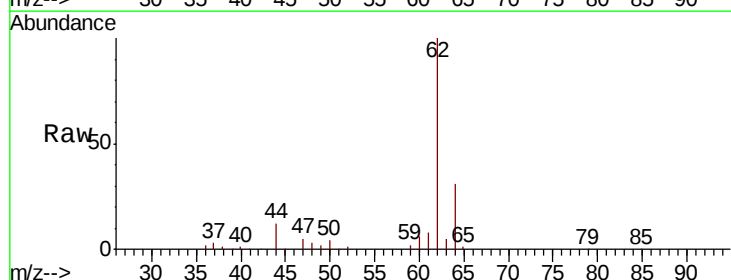
Acq: 10 Sep 2018 11:09

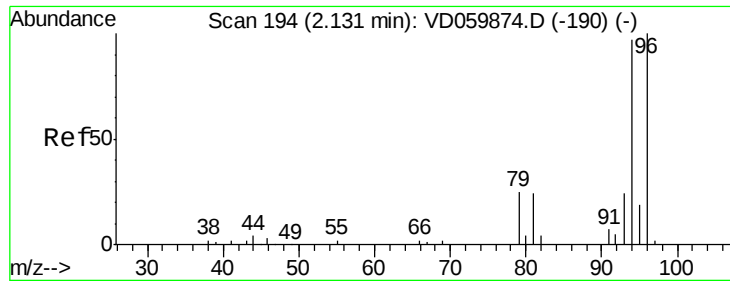
Tgt Ion: 62 Resp: 508706

Ion Ratio Lower Upper

62 100

64 30.6 25.0 37.6





#5

Bromomethane

Concen: 52.77 ug/l

RT: 2.14 min Scan# 62

Delta R.T. 0.01 min

Lab File: VD059985.D

Acq: 10 Sep 2018 11:09

Tot Ion: 94 Resp: 83213

Ion Ratio Lower Upper

94 100

96 89.9 82.4 123.6

Instrument :

MSVOA_D

ClientSampleId :

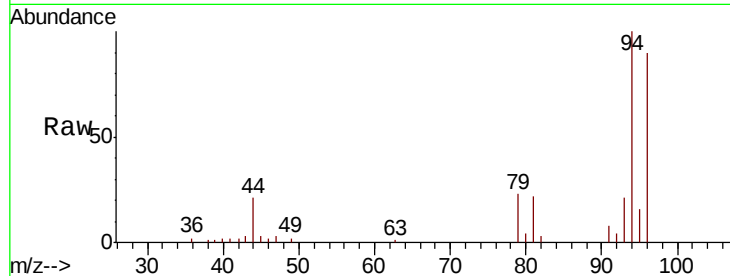
VSTDCCC050

Manual Integrations

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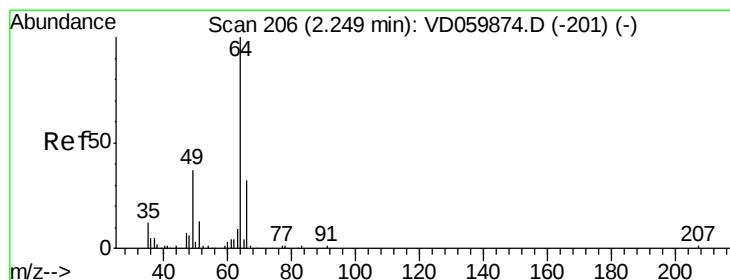
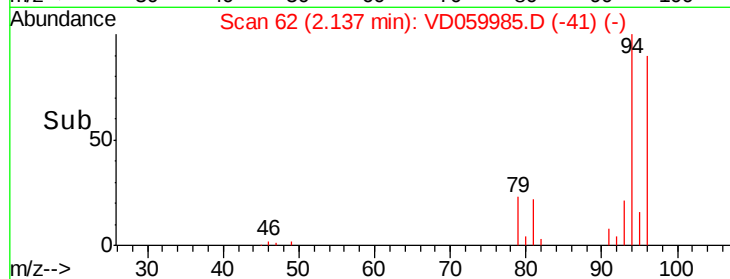
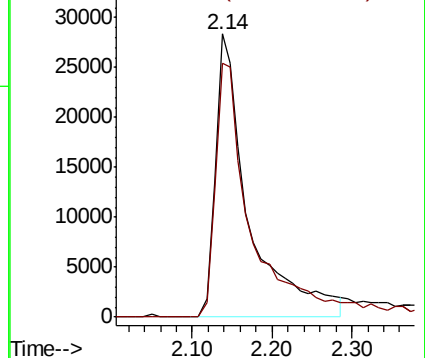
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 57.31 ug/l

RT: 2.25 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD059985.D

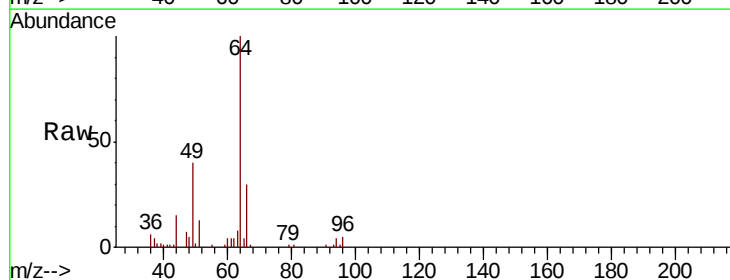
Acq: 10 Sep 2018 11:09

Tgt Ion: 64 Resp: 161653

Ion Ratio Lower Upper

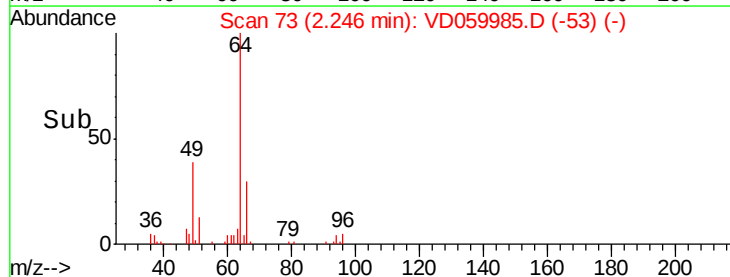
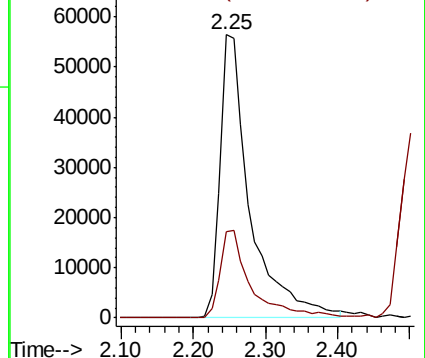
64 100

66 30.4 25.3 37.9



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 59.75 ug/l

RT: 2.50 min Scan# 99

Delta R.T. -0.00 min

Lab File: VD059985.D

Acq: 10 Sep 2018 11:09

Tot Ion: 101 Resp: 631334

Ion Ratio Lower Upper

101 100

103 63.4 53.7 80.5

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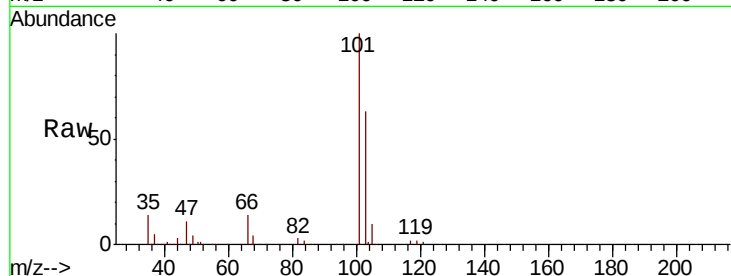
VSTDCCC050

Manual Integrations

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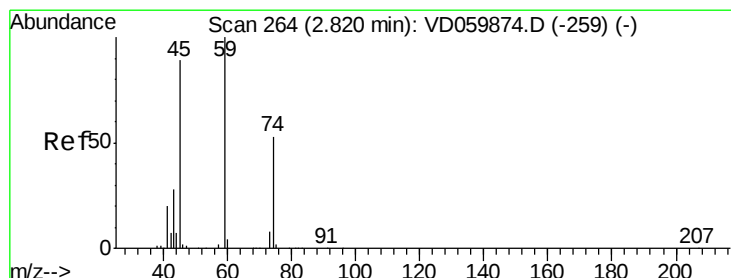
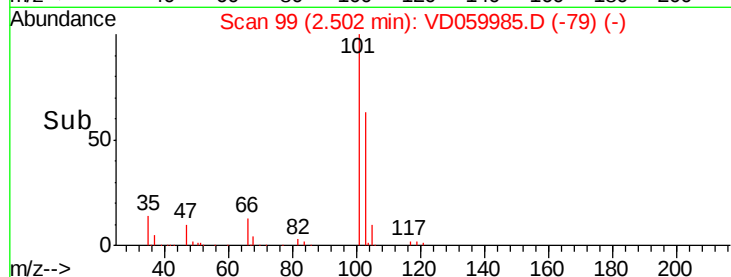
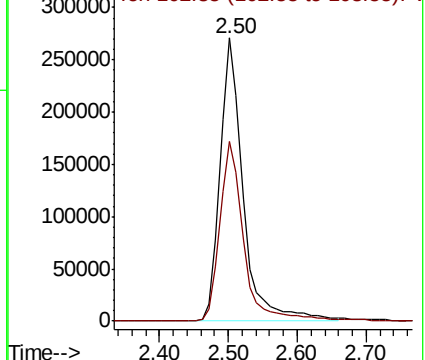
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Abundance Ion 100.85 (100.55 to 101.55): V

Ion 102.85 (102.55 to 103.55): V



#8

Diethyl Ether

Concen: 56.33 ug/l

RT: 2.82 min Scan# 131

Delta R.T. -0.00 min

Lab File: VD059985.D

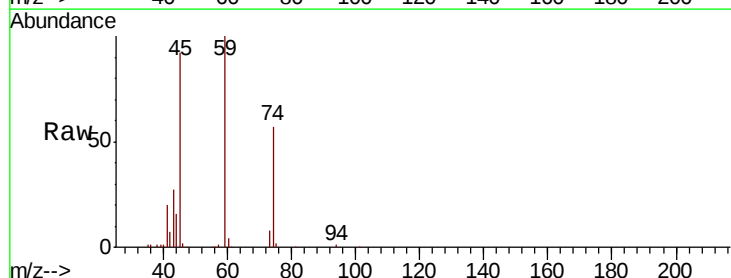
Acq: 10 Sep 2018 11:09

Tgt Ion: 74 Resp: 133534

Ion Ratio Lower Upper

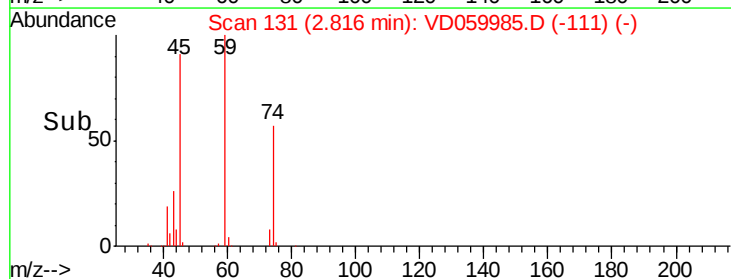
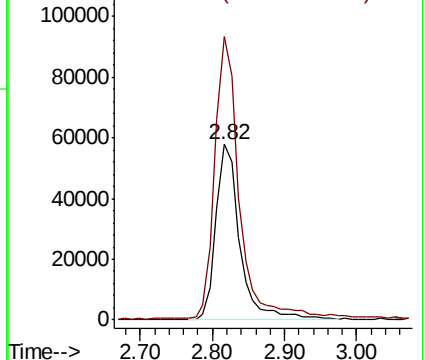
74 100

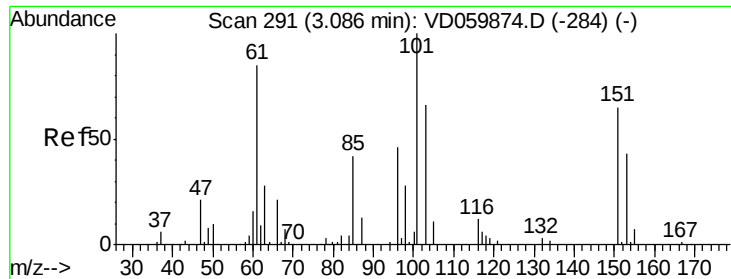
45 161.0 85.7 257.1



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 65.59 ug/l

RT: 3.08 min Scan# 158

Delta R.T. -0.00 min

Lab File: VD059985.D

Acq: 10 Sep 2018 11:09

Instrument :

MSVOA_D

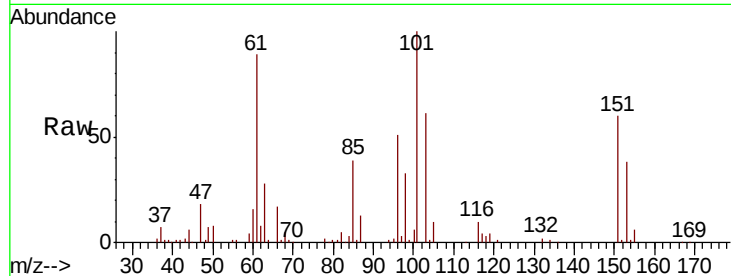
ClientSampleId :

VSTDCCC050

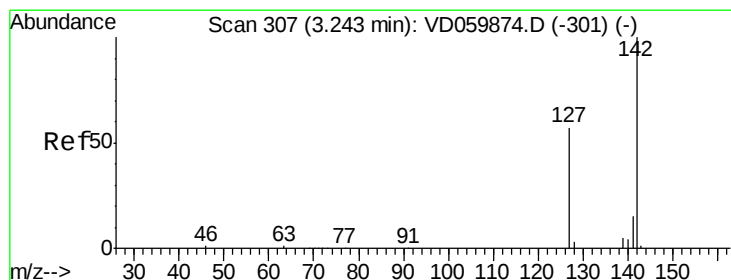
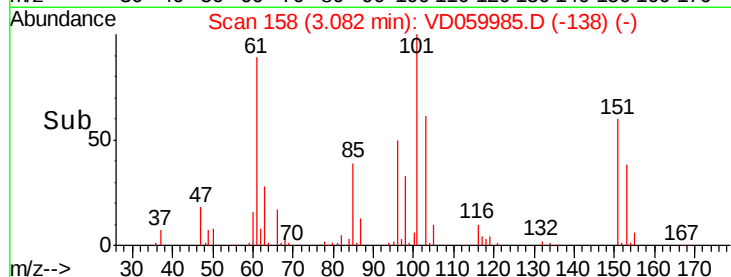
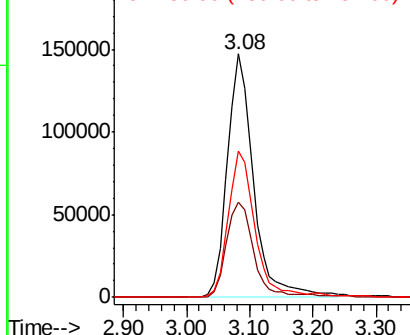
Tot Ion:	101	Resp:	424462
Ion Ratio	Lower	Upper	
101	100		
85	39.3	33.6	50.4
151	60.1	52.0	78.0

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Abundance Ion 100.85 (100.55 to 101.55): V
Ion 84.95 (84.65 to 85.65): V
Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 61.26 ug/l

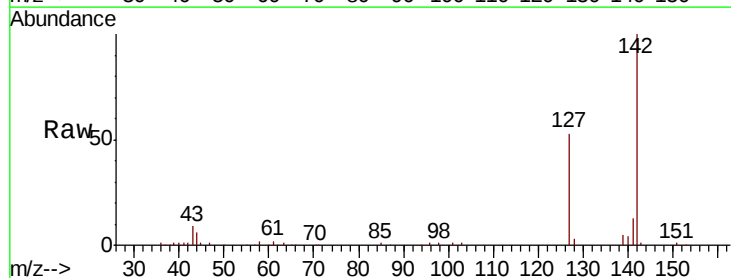
RT: 3.24 min Scan# 174

Delta R.T. -0.00 min

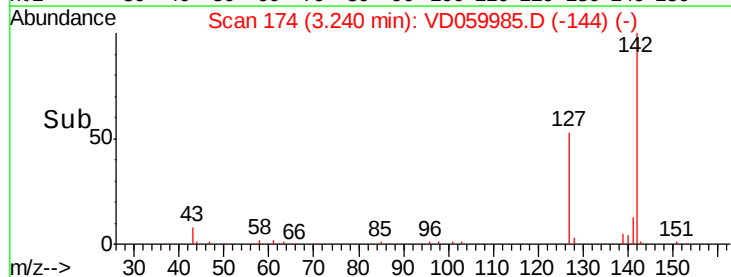
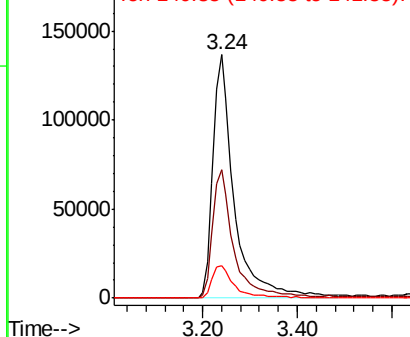
Lab File: VD059985.D

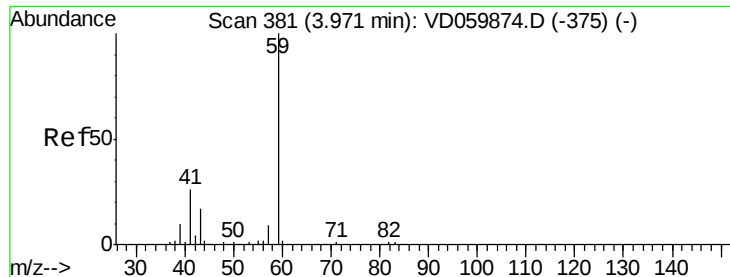
Acq: 10 Sep 2018 11:09

Tgt Ion:	142	Resp:	428078
Ion Ratio	Lower	Upper	
142	100		
127	52.9	45.8	68.6
141	13.5	11.6	17.4



Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V





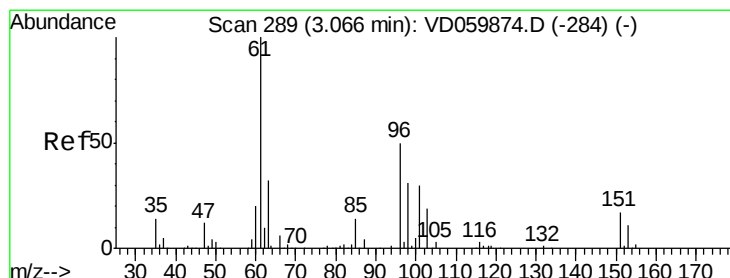
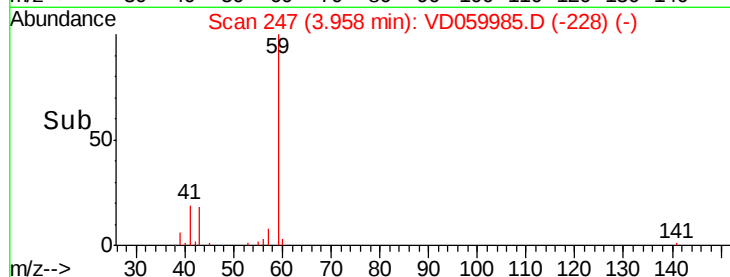
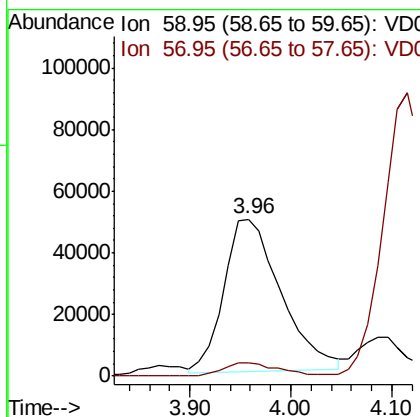
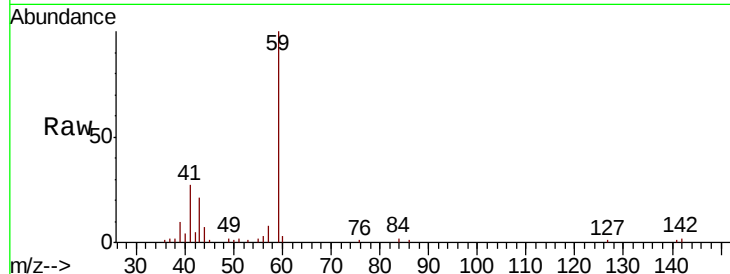
#11
Tert butyl alcohol
Concen: 207.96 ug/l
RT: 3.96 min Scan# 247
Delta R.T. -0.01 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.4	7.4	11.0

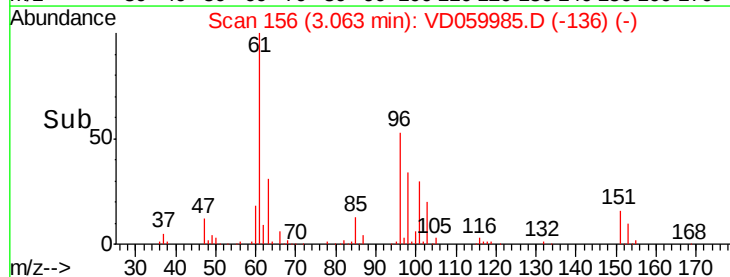
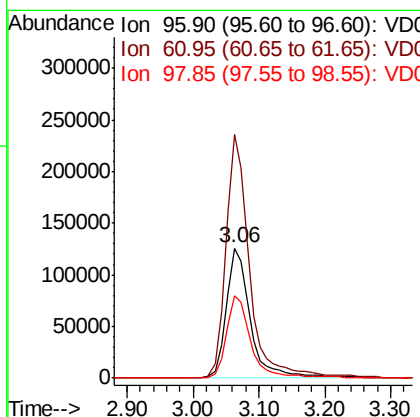
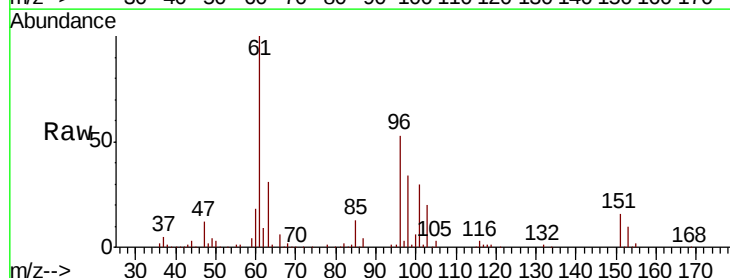
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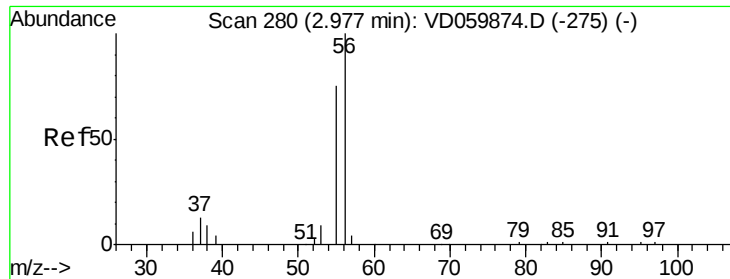
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#12
1,1-Dichloroethene
Concen: 63.72 ug/l
RT: 3.06 min Scan# 156
Delta R.T. -0.00 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	187.7	158.8	238.2
98	63.8	48.7	73.1





#13

Acrolein

Concen: 197.88 ug/l

RT: 2.97 min Scan# 147

Delta R.T. -0.00 min

Lab File: VD059985.D

Acq: 10 Sep 2018 11:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 79402

Ion Ratio Lower Upper

56 100

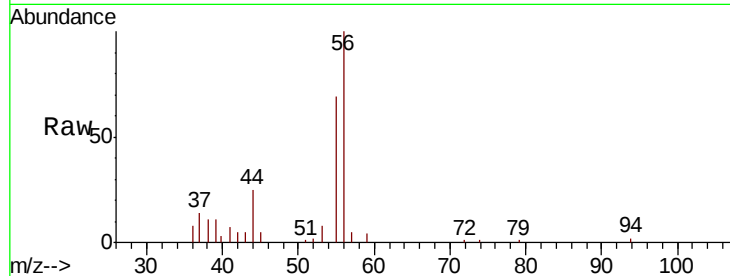
55 69.4 61.9 92.9

Manual Integrations

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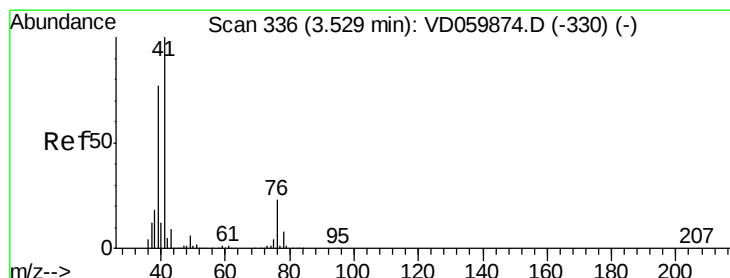
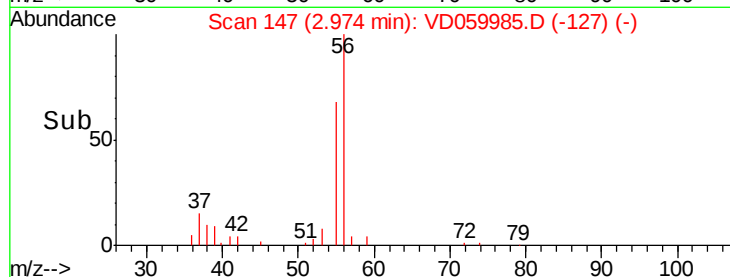
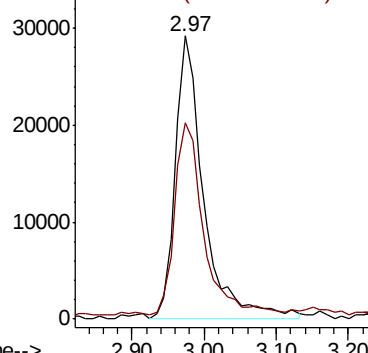
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Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 58.52 ug/l

RT: 3.53 min Scan# 203

Delta R.T. -0.00 min

Lab File: VD059985.D

Acq: 10 Sep 2018 11:09

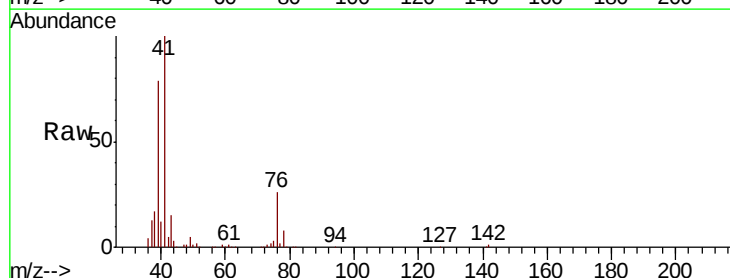
Tgt Ion: 41 Resp: 667012

Ion Ratio Lower Upper

41 100

39 78.7 61.8 92.6

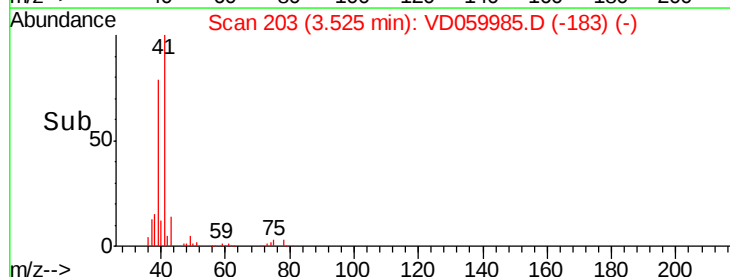
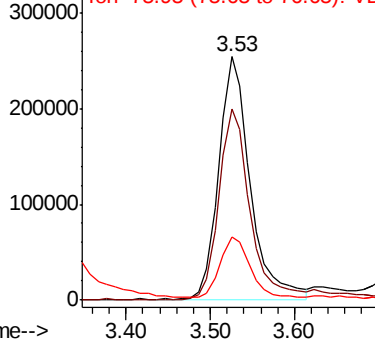
76 26.2 19.4 29.2

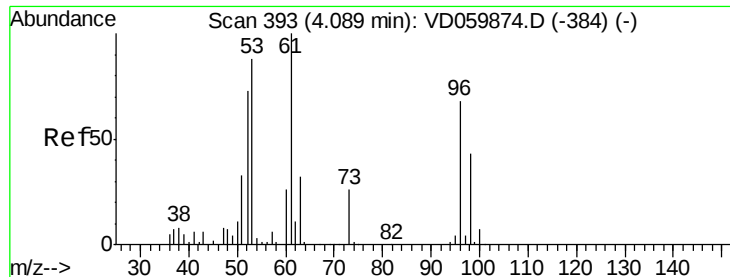


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 236.42 ug/l

RT: 4.08 min Scan# 259

Delta R.T. -0.01 min

Lab File: VD059985.D

Acq: 10 Sep 2018 11:09

Instrument :

MSVOA_D

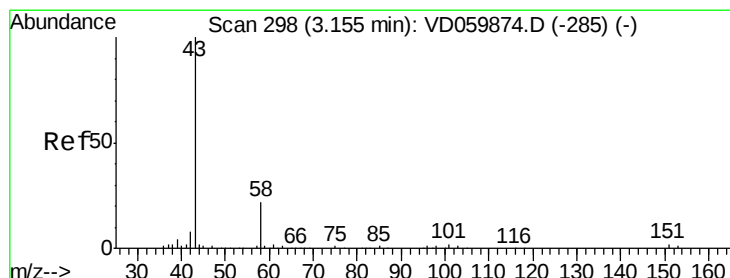
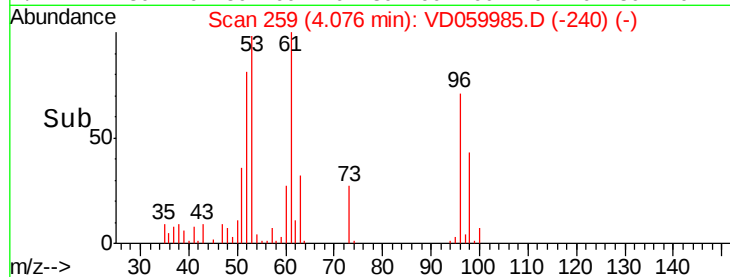
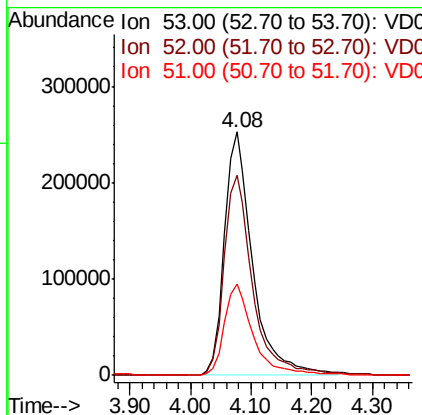
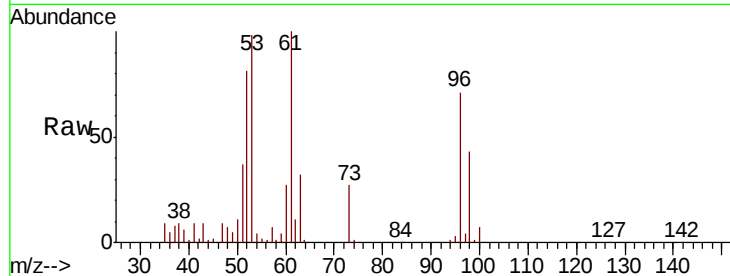
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	819081
Ion Ratio	Lower	Upper	
53	100		
52	82.1	66.9	100.3
51	37.4	30.3	45.5

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#16

Acetone

Concen: 299.95 ug/l

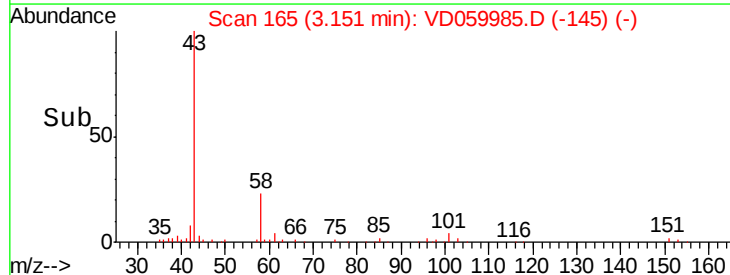
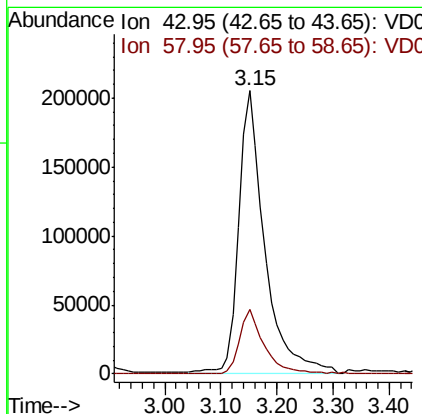
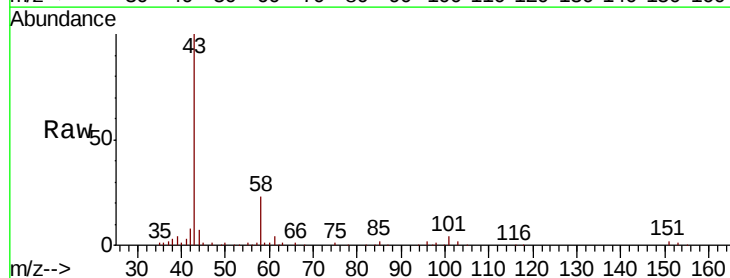
RT: 3.15 min Scan# 165

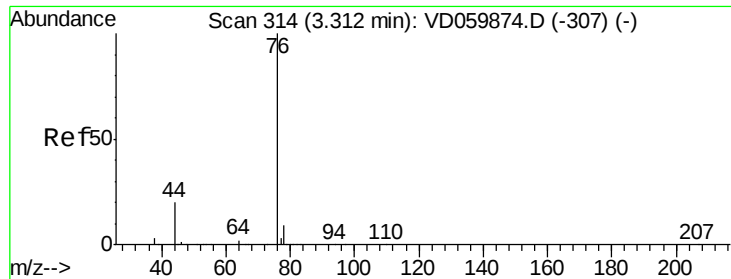
Delta R.T. -0.00 min

Lab File: VD059985.D

Acq: 10 Sep 2018 11:09

Tgt Ion:	43	Resp:	662579
Ion Ratio	Lower	Upper	
43	100		
58	22.7	17.6	26.4





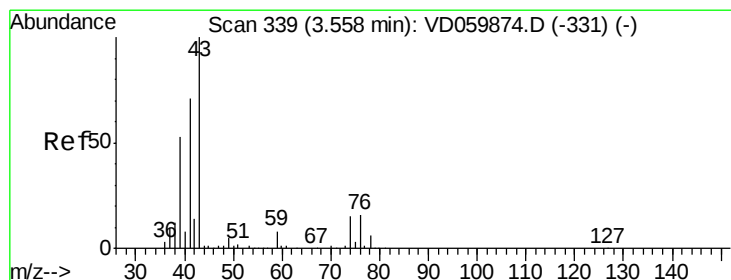
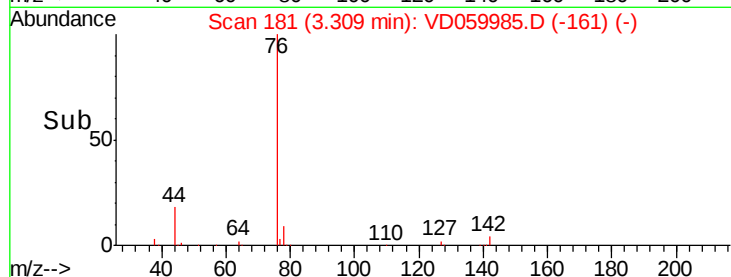
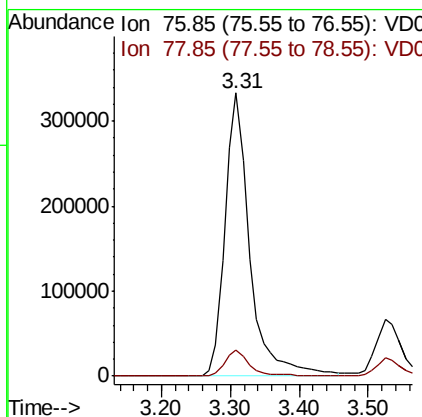
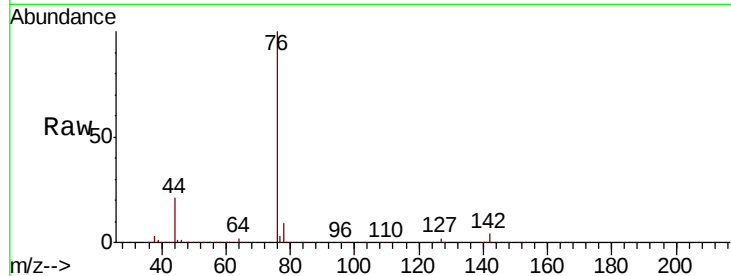
#17
Carbon Disulfide
Concen: 52.97 ug/l
RT: 3.31 min Scan# 181
Delta R.T. -0.00 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

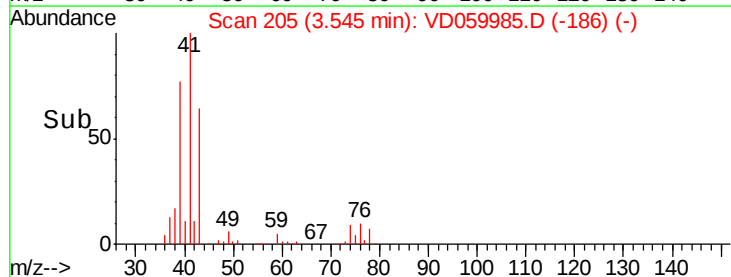
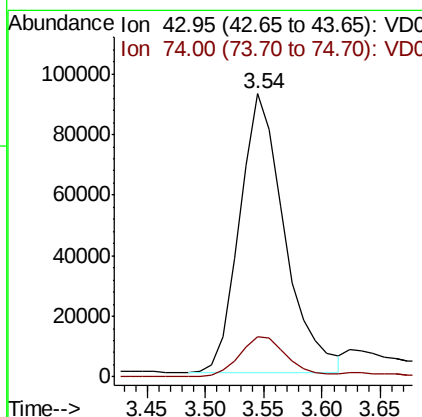
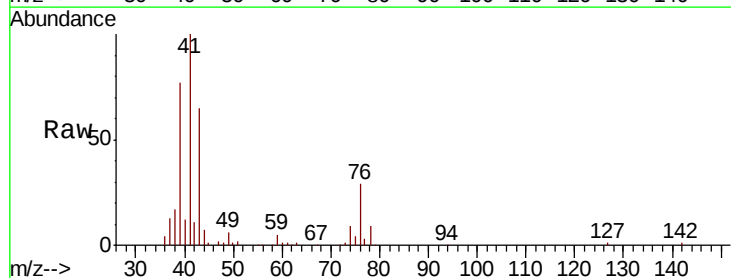
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#18
Methyl Acetate
Concen: 53.56 ug/l
RT: 3.54 min Scan# 205
Delta R.T. -0.01 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	14.4	11.2	16.8





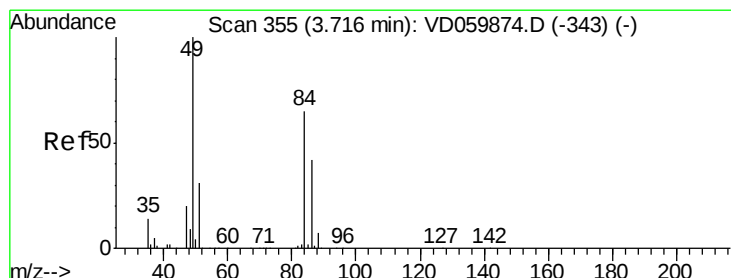
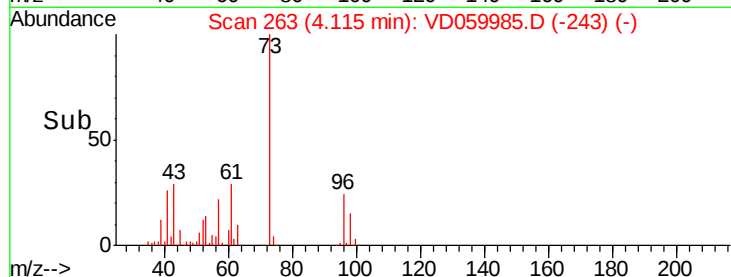
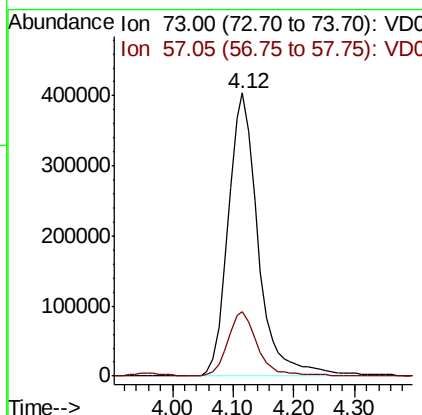
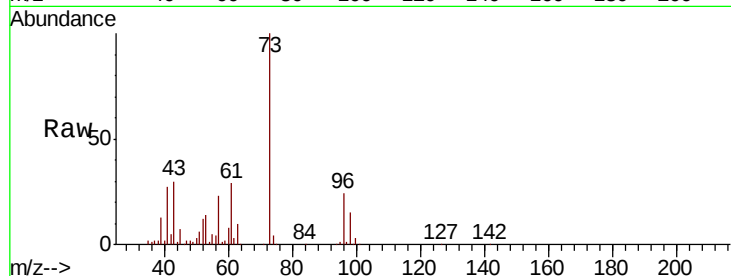
#19
Methvl tert-butvl Ether
Concen: 48.68 ug/l
RT: 4.12 min Scan# 263
Delta R.T. -0.00 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1387242
Ion Ratio Lower Upper
73 100
57 22.7 17.9 26.9

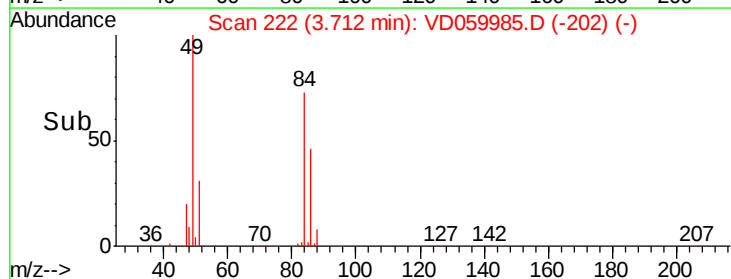
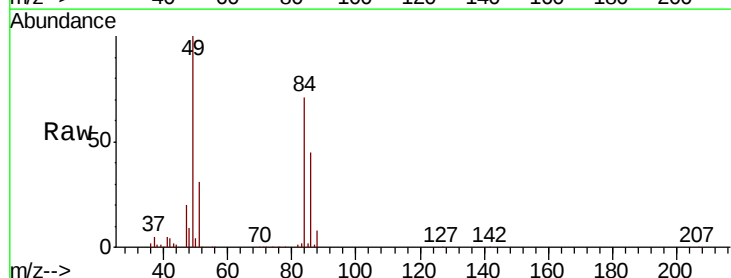
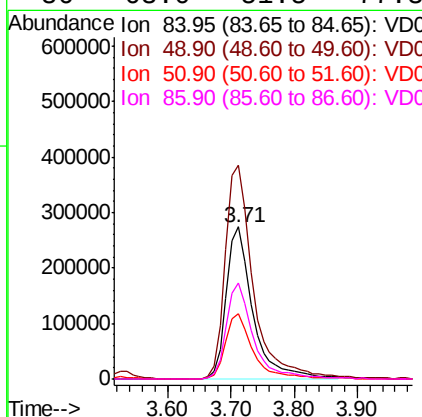
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#20
Methylene Chloride
Concen: 54.80 ug/l
RT: 3.71 min Scan# 222
Delta R.T. -0.00 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Tgt Ion: 84 Resp: 802708
Ion Ratio Lower Upper
84 100
49 140.7 122.6 183.8
51 43.0 38.4 57.6
86 63.0 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 52.84 ug/l

RT: 4.09 min Scan# 260

Delta R.T. -0.01 min

Lab File: VD059985.D

Acq: 10 Sep 2018 11:09

Instrument :

MSVOA_D

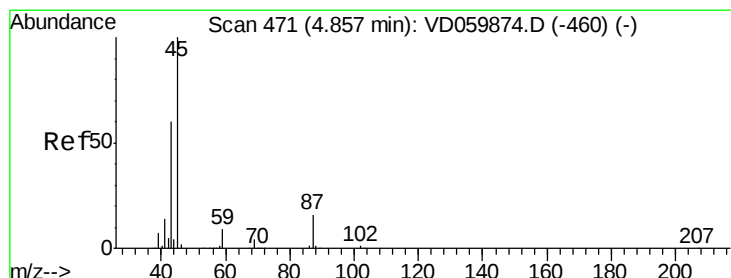
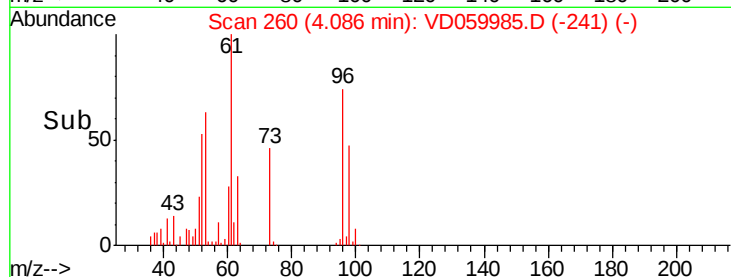
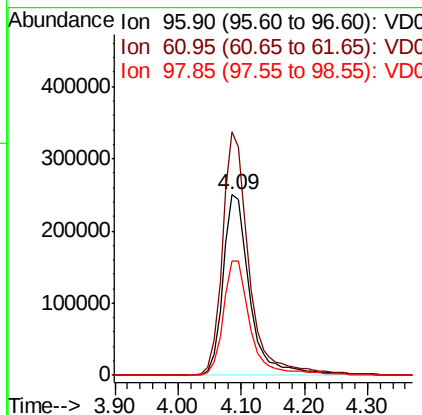
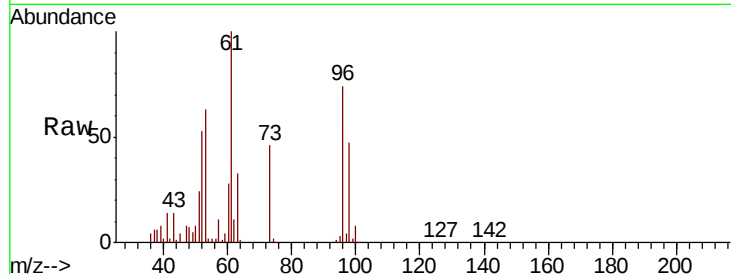
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	733387
Ion	Ratio	Lower	Upper
96	100		
61	135.0	110.2	165.4
98	63.3	50.9	76.3

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#22

Diisopropyl ether

Concen: 52.68 ug/l

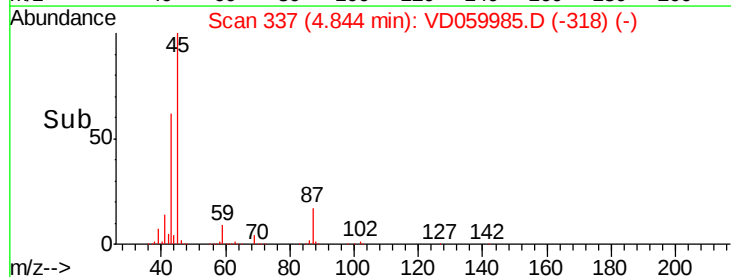
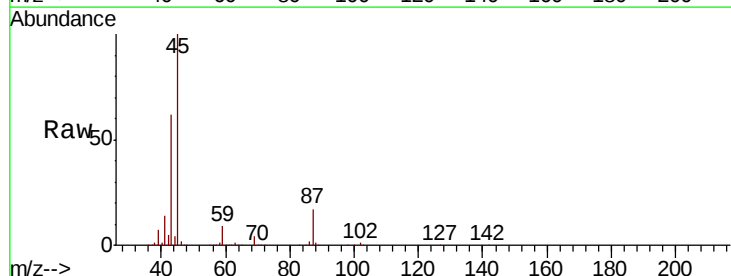
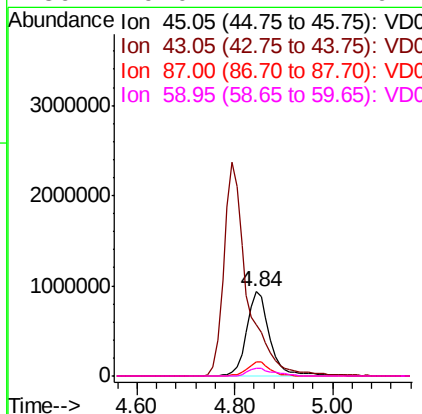
RT: 4.84 min Scan# 337

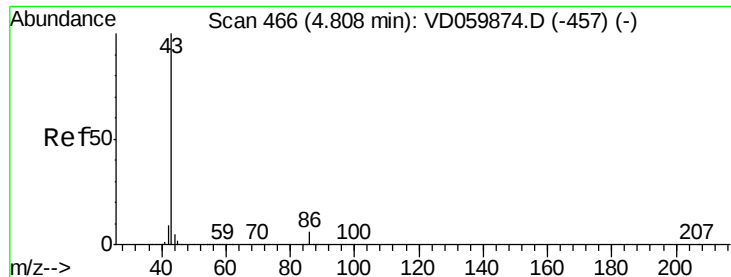
Delta R.T. -0.01 min

Lab File: VD059985.D

Acq: 10 Sep 2018 11:09

Tgt Ion:	45	Resp:	3062300
Ion	Ratio	Lower	Upper
45	100		
43	61.6	48.6	72.8
87	17.0	13.3	19.9
59	9.0	7.1	10.7





#23

Vinyl Acetate

Concen: 240.70 ug/l

RT: 4.79 min Scan# 332

Delta R.T. -0.01 min

Lab File: VD059985.D

Acq: 10 Sep 2018 11:09

Instrument :

MSVOA_D

ClientSampleID :

VSTDCCC050

Tot Ion: 43 Resp: 7821348

Ion Ratio Lower Upper

43 100

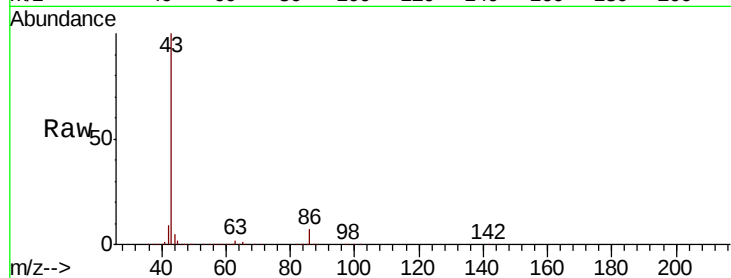
86 6.7 5.0 7.6

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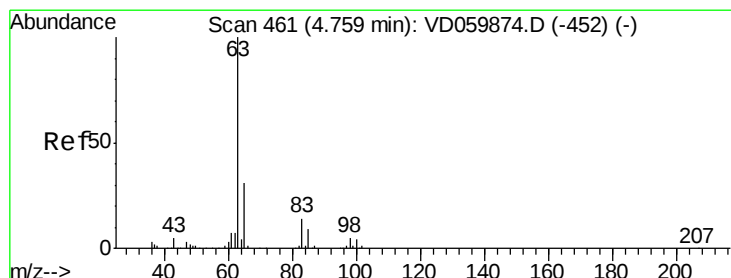
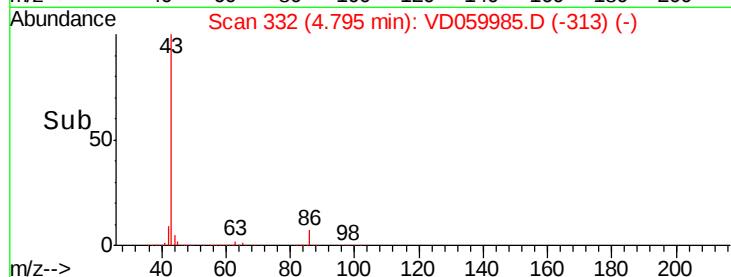
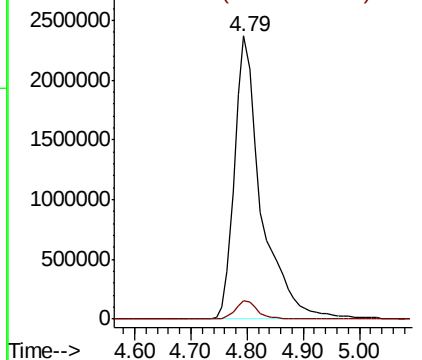
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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 55.24 ug/l

RT: 4.75 min Scan# 327

Delta R.T. -0.01 min

Lab File: VD059985.D

Acq: 10 Sep 2018 11:09

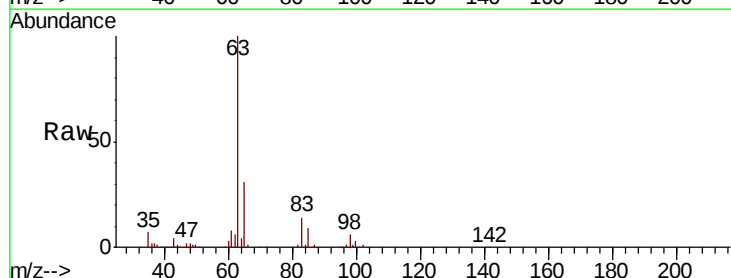
Tgt Ion: 63 Resp: 1387137

Ion Ratio Lower Upper

63 100

98 5.5 2.7 8.1

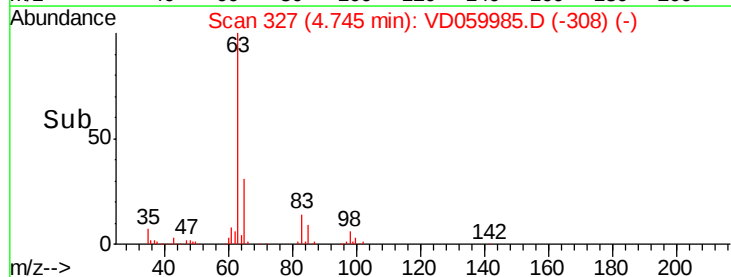
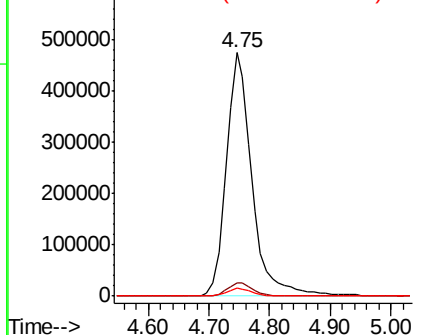
100 3.4 1.8 5.3

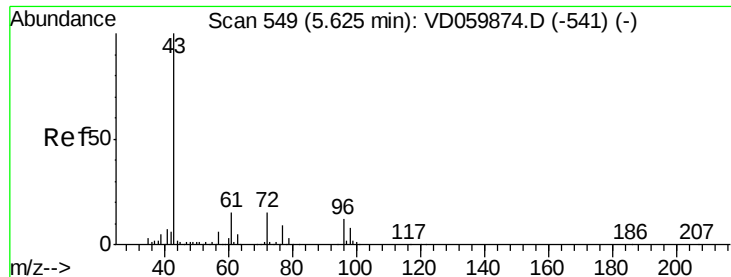


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 242.79 ug/l

RT: 5.61 min Scan# 415

Delta R.T. -0.01 min

Lab File: VD059985.D

Acq: 10 Sep 2018 11:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1588424

Ion Ratio Lower Upper

43 100

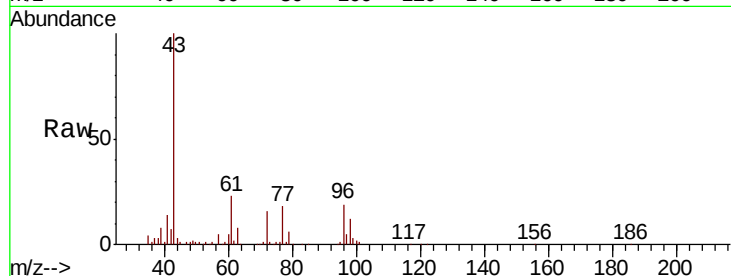
72 16.3 12.3 18.5

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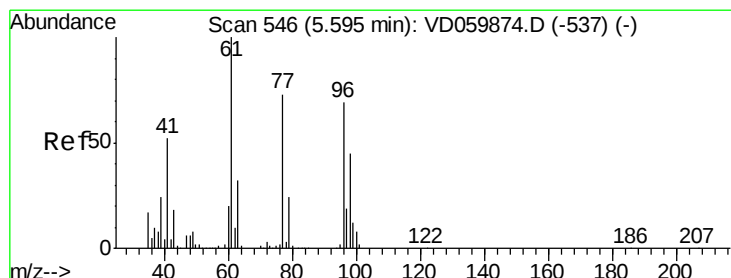
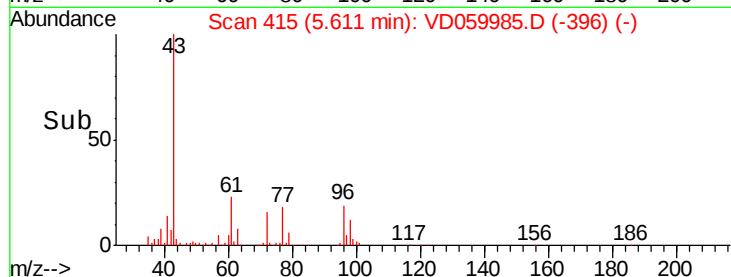
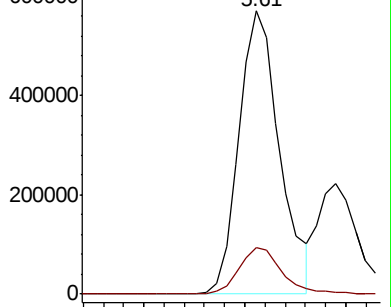
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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 54.50 ug/l

RT: 5.58 min Scan# 412

Delta R.T. -0.01 min

Lab File: VD059985.D

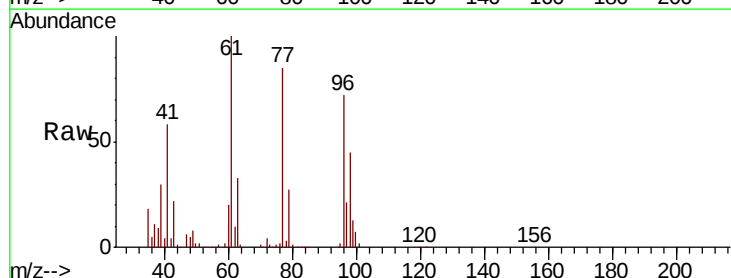
Acq: 10 Sep 2018 11:09

Tgt Ion: 77 Resp: 1143978

Ion Ratio Lower Upper

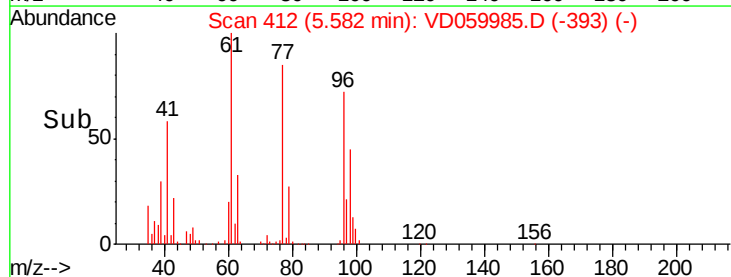
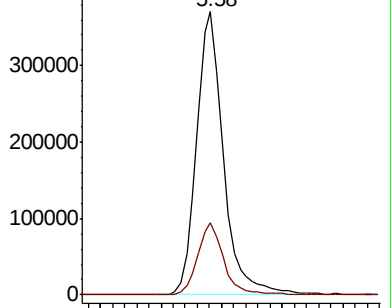
77 100

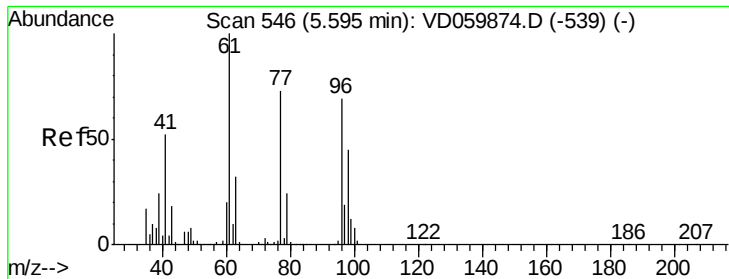
97 25.4 13.0 38.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC





#27

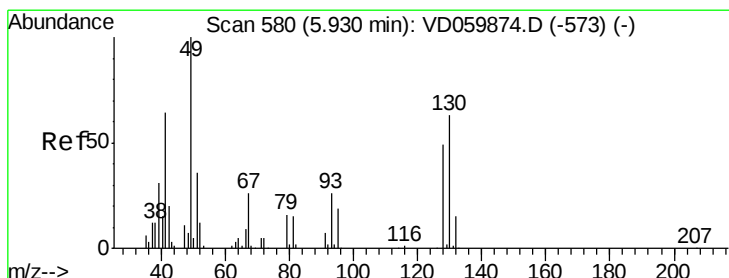
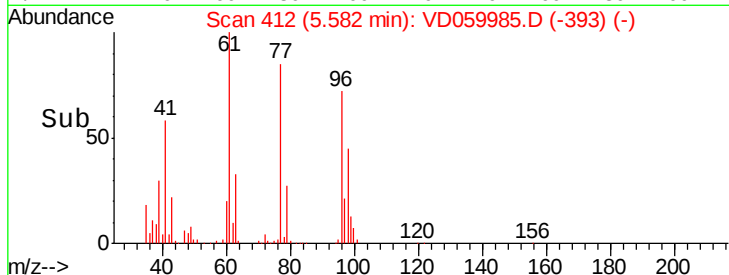
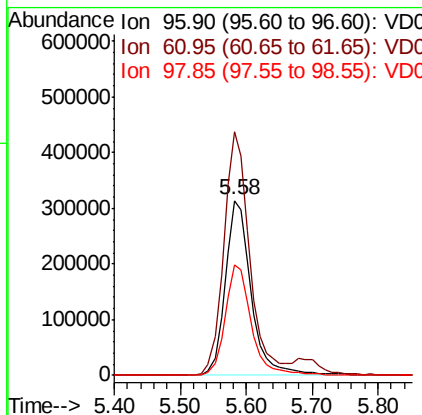
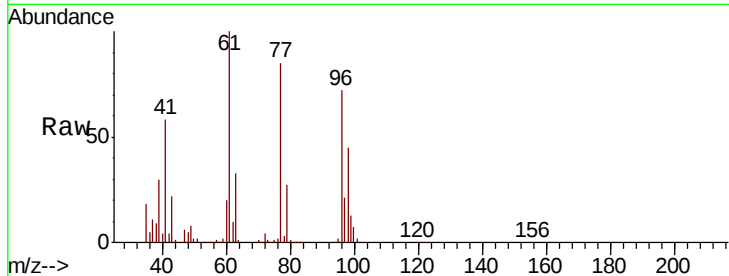
cis-1,2-Dichloroethene
 Concen: 56.66 ug/l
 RT: 5.58 min Scan# 412
 Delta R.T. -0.01 min
 Lab File: VD059985.D
 Acq: 10 Sep 2018 11:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	861107		
61	139.5	0.0	290.2	
98	63.3	0.0	130.4	

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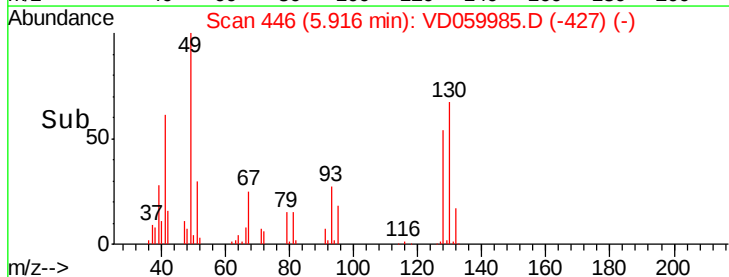
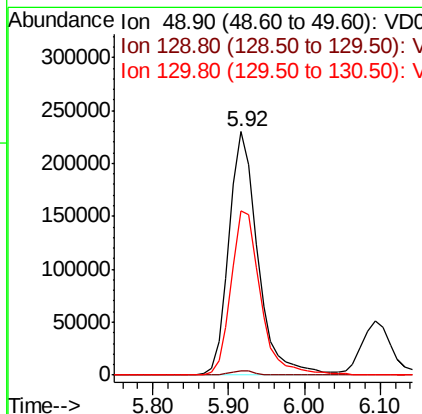
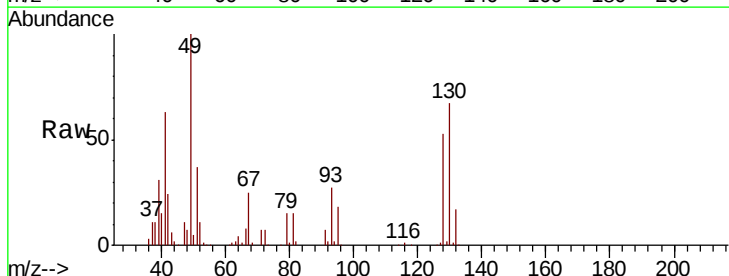
apatel
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#28

Bromochloromethane
 Concen: 50.45 ug/l
 RT: 5.92 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: VD059985.D
 Acq: 10 Sep 2018 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	607210		
129	1.8	0.0	3.2	
130	67.3	50.6	75.8	





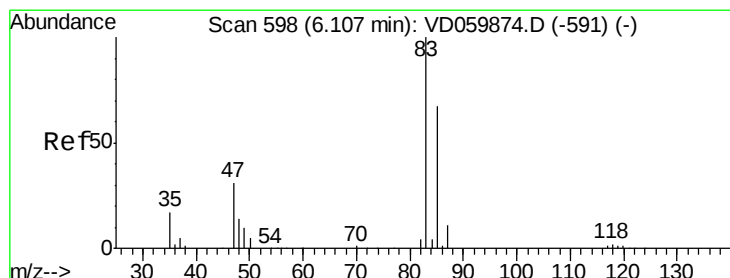
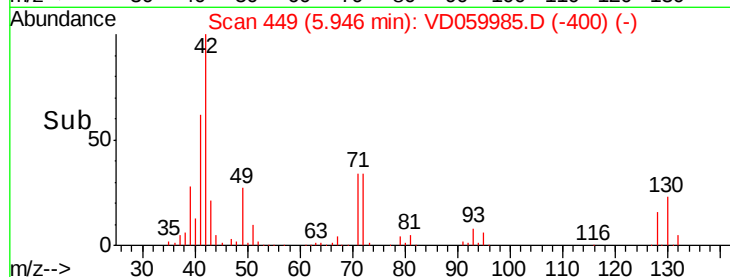
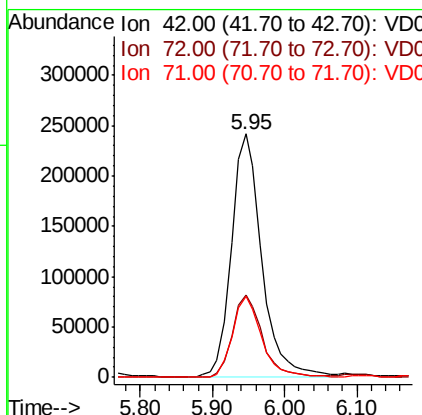
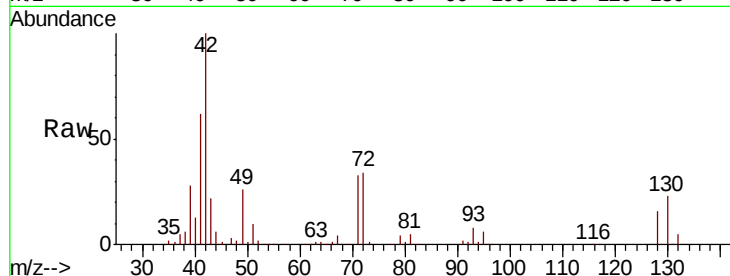
#29
Tetrahydrofuran
Concen: 227.28 ug/l
RT: 5.95 min Scan# 449
Delta R.T. -0.01 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	33.4	25.7	38.5
71	32.5	25.3	37.9

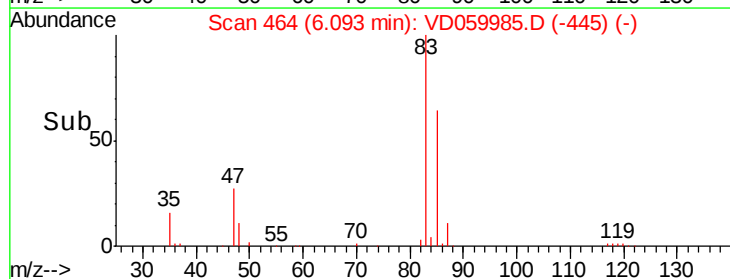
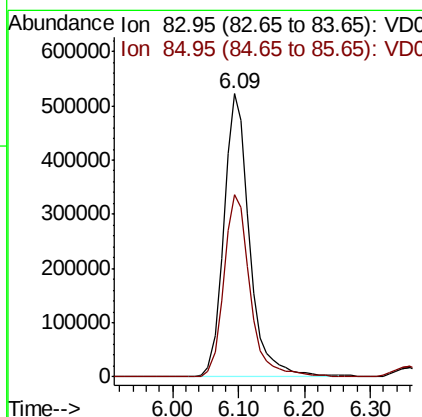
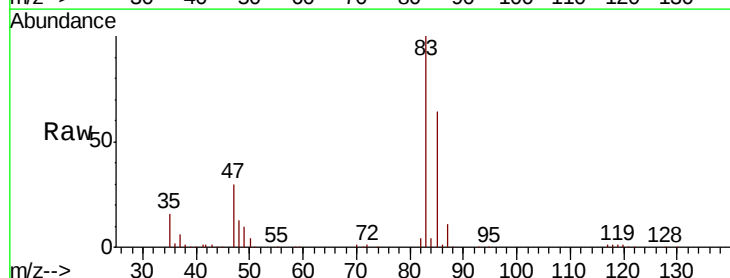
Manual Integrations
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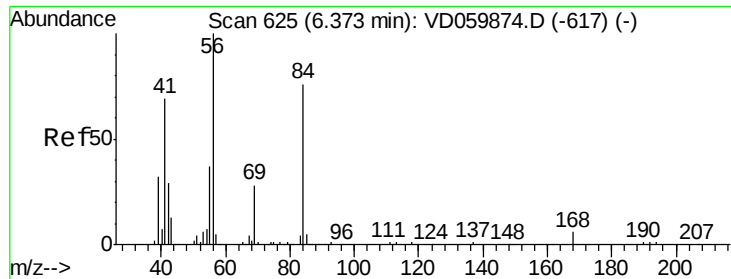
apatel
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#30
Chloroform
Concen: 55.65 ug/l
RT: 6.09 min Scan# 464
Delta R.T. -0.01 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	53.5	80.3





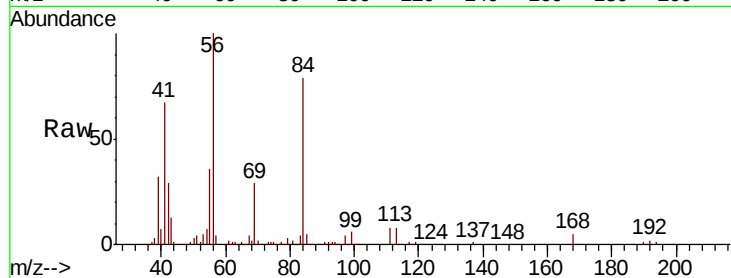
#31
Cyclohexane
Concen: 48.61 ug/l
RT: 6.36 min Scan# 491
Delta R.T. -0.01 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050

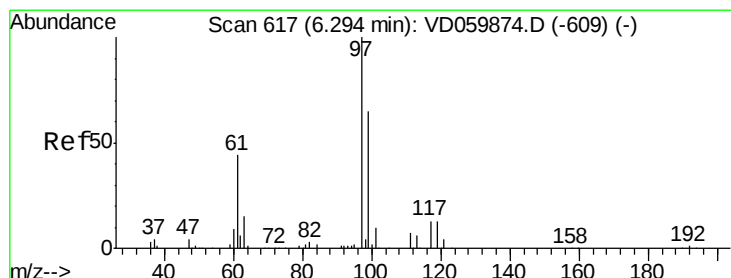
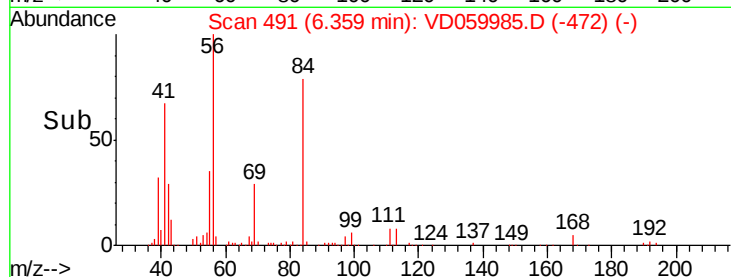
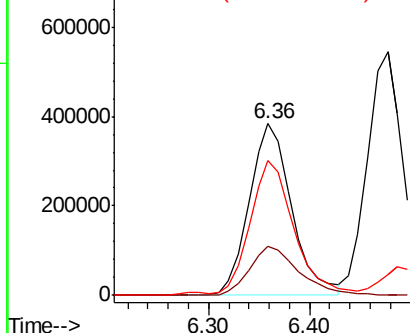
Tot Ion: 56 Resp: 1122233
Ion Ratio Lower Upper
56 100
69 28.7 22.4 33.6
84 78.6 62.1 93.1

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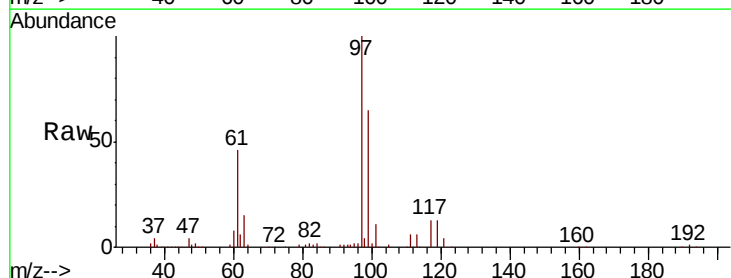


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

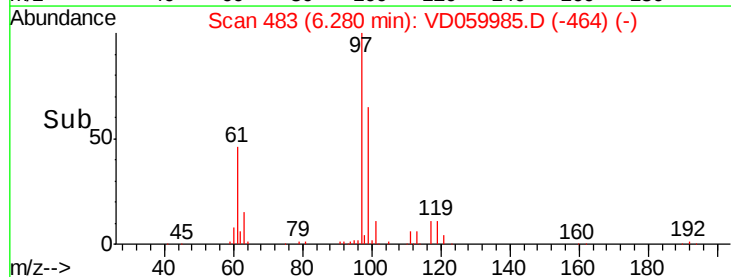
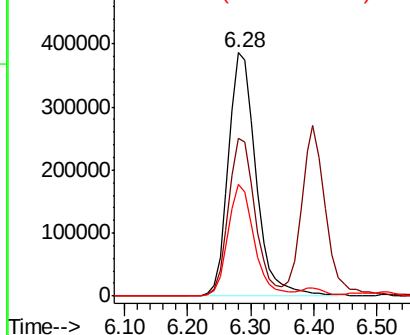


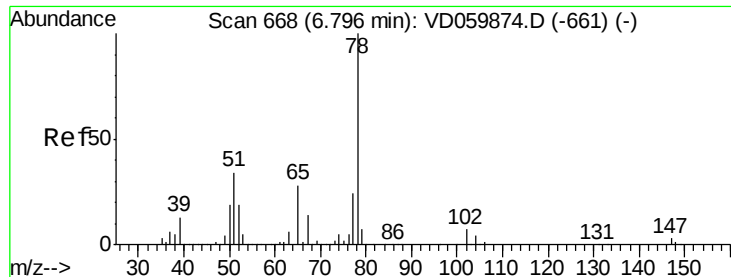
#32
1,1,1-Trichloroethane
Concen: 53.85 ug/l
RT: 6.28 min Scan# 483
Delta R.T. -0.01 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Tgt Ion: 97 Resp: 1166272
Ion Ratio Lower Upper
97 100
99 64.7 51.7 77.5
61 45.7 35.4 53.2



Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 98.85 (98.55 to 99.55): VDC
Ion 60.95 (60.65 to 61.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 53.85 ug/l

RT: 6.77 min Scan# 533

Delta R.T. -0.02 min

Lab File: VD059985.D

Acq: 10 Sep 2018 11:09

Tot Ion: 65 Resp: 541028

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.8

Instrument :

MSVOA_D

ClientSampleId :

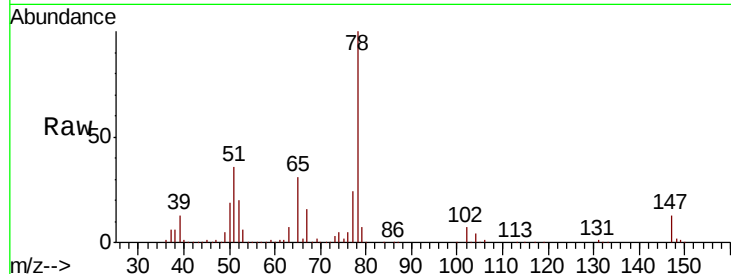
VSTDCCC050

Manual Integrations

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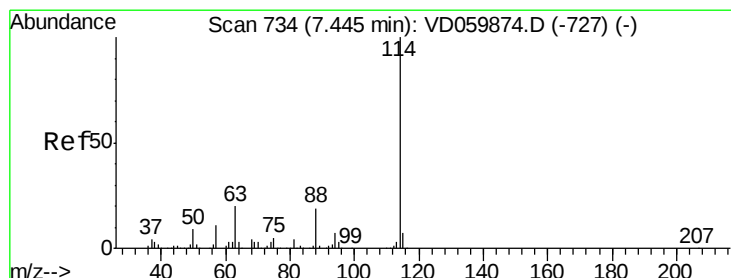
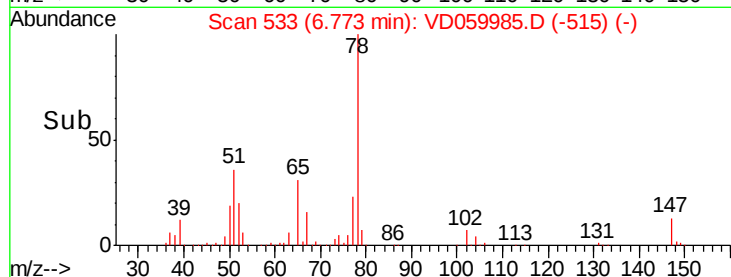
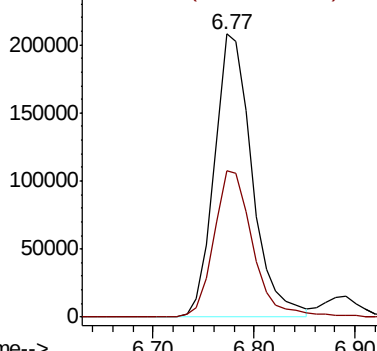
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Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.43 min Scan# 600

Delta R.T. -0.01 min

Lab File: VD059985.D

Acq: 10 Sep 2018 11:09

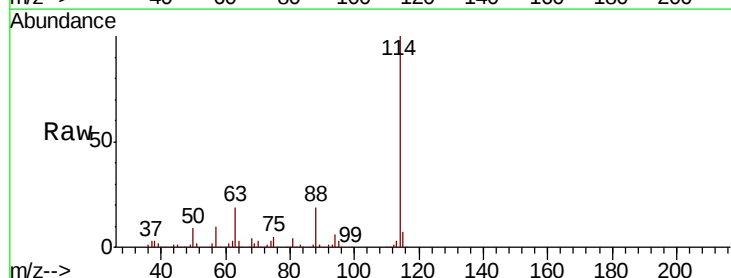
Tgt Ion:114 Resp: 1976045

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.4

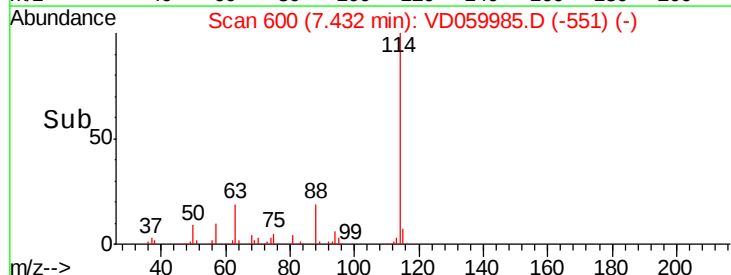
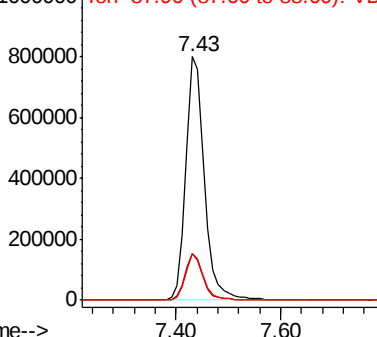
88 19.1 0.0 37.6

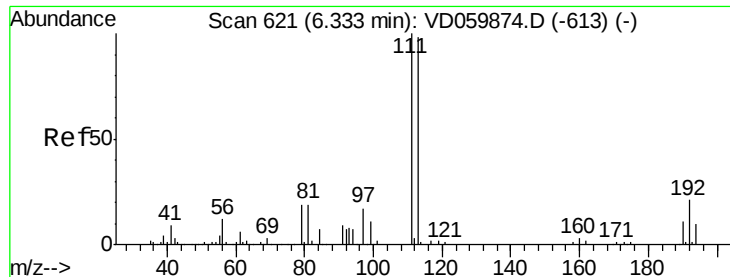


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





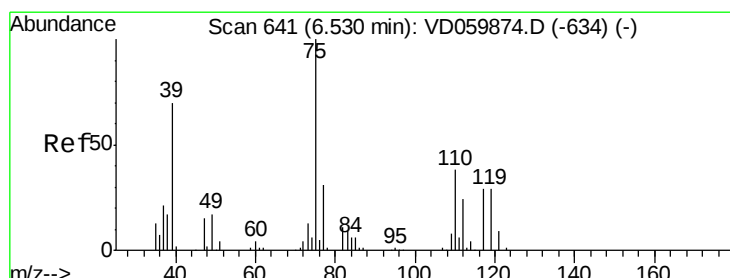
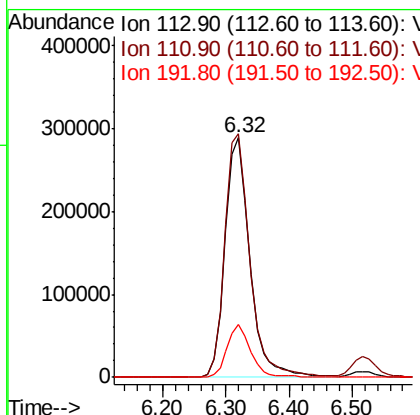
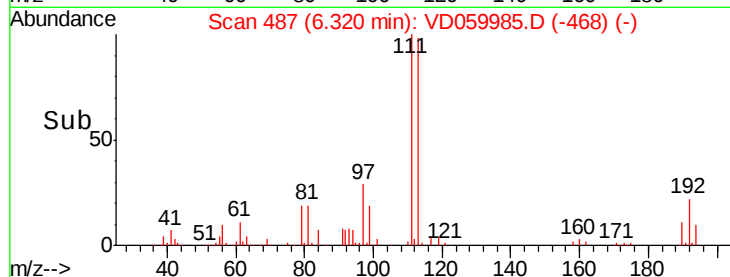
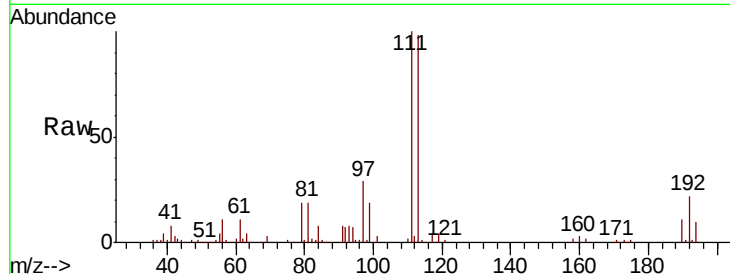
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 6.32 min Scan# 487
Delta R.T. -0.01 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	789319		
111	101.6	81.4	122.2	
192	22.0	17.0	25.6	

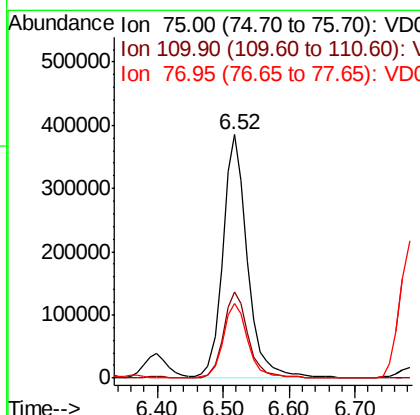
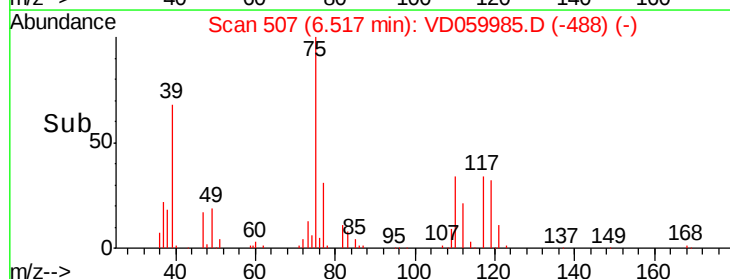
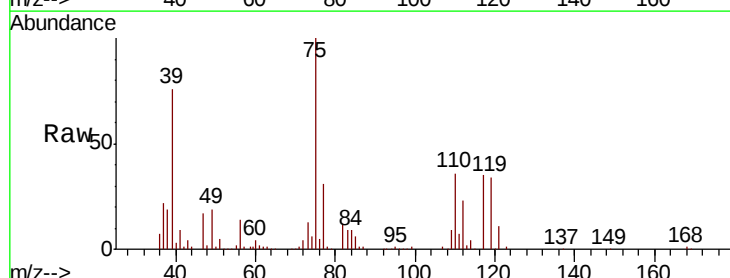
Manual Integrations
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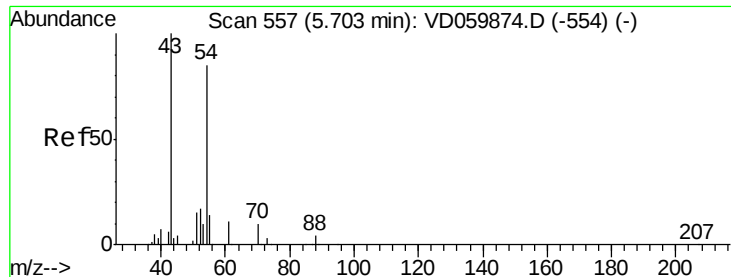
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#36
1,1-Dichloropropene
Concen: 55.15 ug/l
RT: 6.52 min Scan# 507
Delta R.T. -0.01 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	987900		
110	35.6	18.6	56.0	
77	30.9	25.1	37.7	





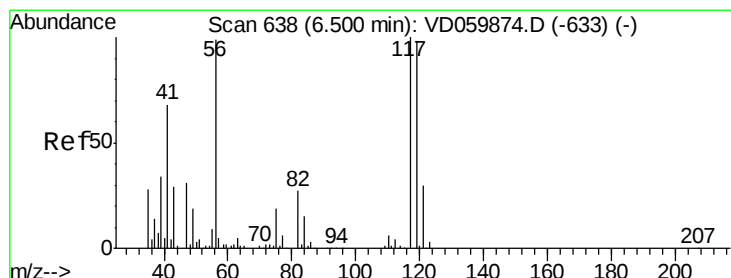
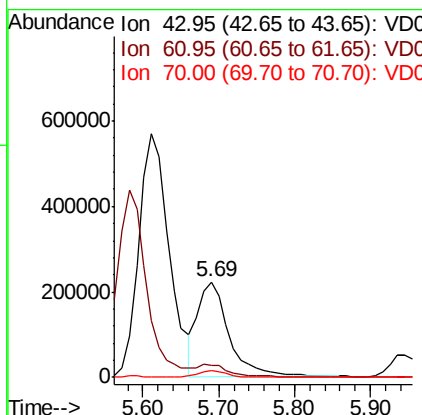
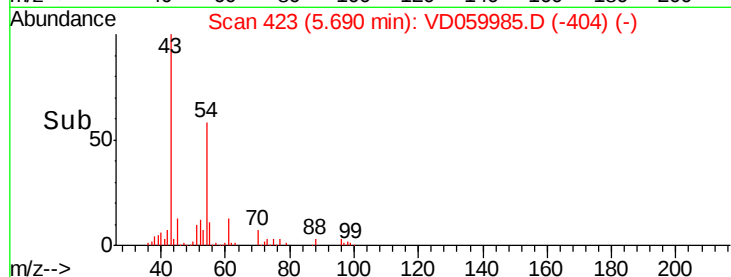
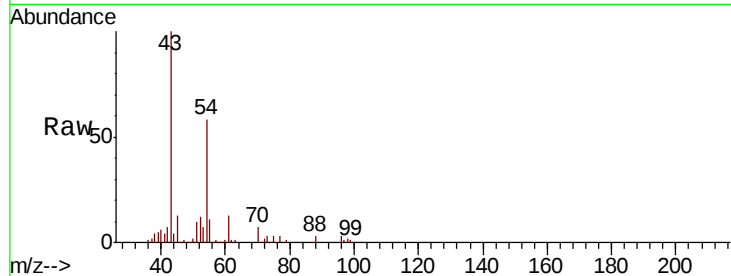
#37
Ethyl Acetate
Concen: 45.48 ug/l
RT: 5.69 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.0	16.6
70	7.4	5.7	8.5

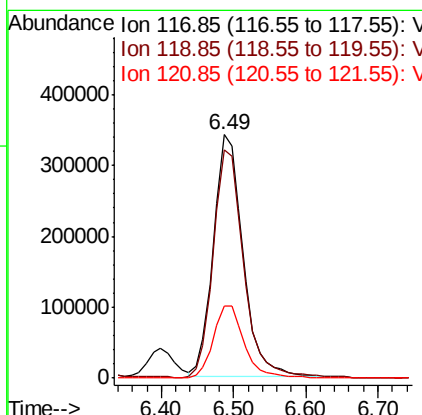
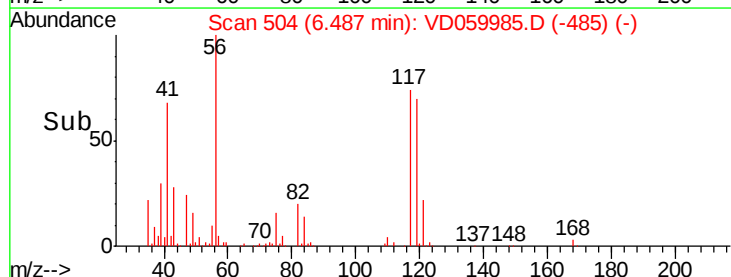
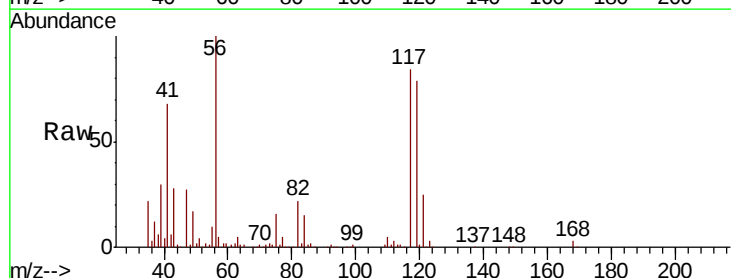
Manual Integrations
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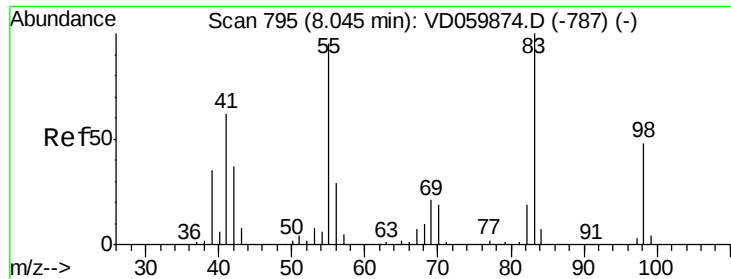
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#38
Carbon Tetrachloride
Concen: 53.80 ug/l
RT: 6.49 min Scan# 504
Delta R.T. -0.01 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	77.2	115.8
121	29.8	24.0	36.0





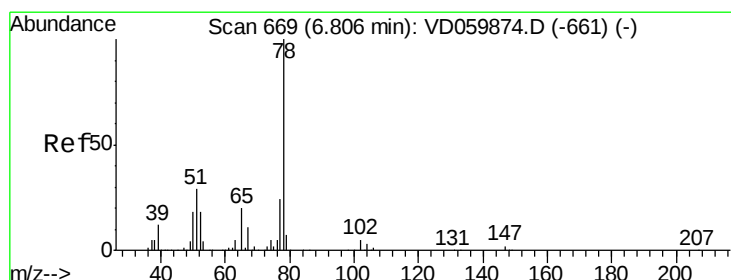
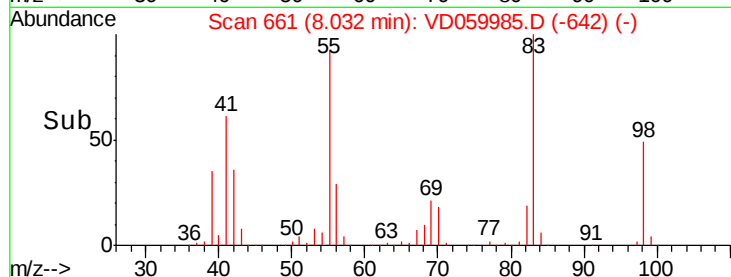
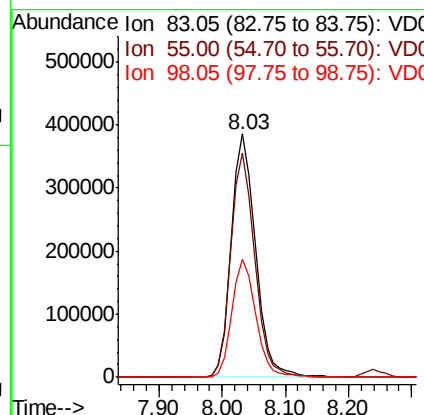
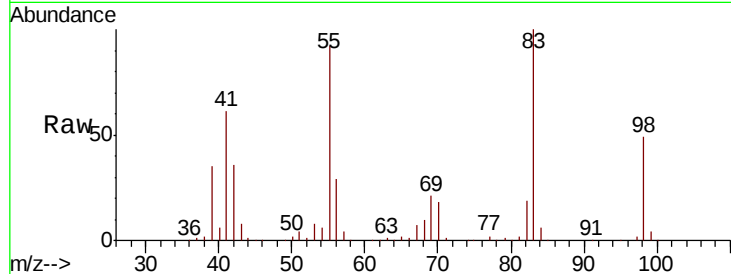
#39
Methvlcvclohexane
Concen: 53.09 ug/l
RT: 8.03 min Scan# 661
Delta R.T. -0.01 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 1027479
Ion Ratio Lower Upper
83 100
55 92.3 75.8 113.6
98 48.6 38.3 57.5

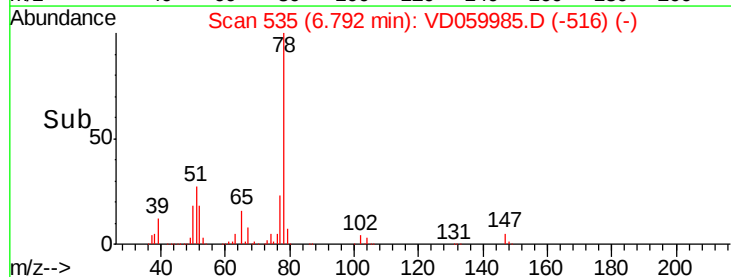
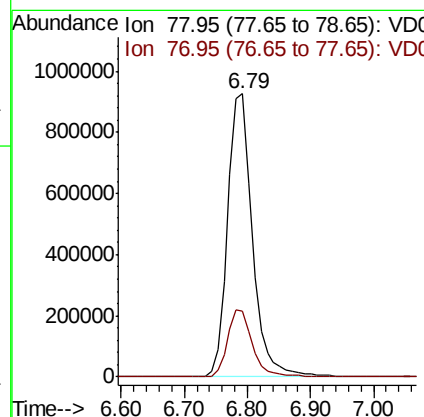
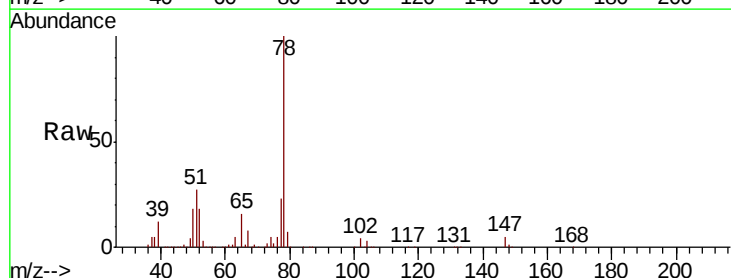
Manual Integrations
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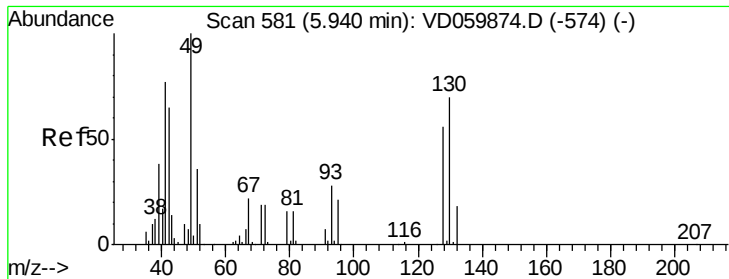
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#40
Benzene
Concen: 54.30 ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Tgt Ion: 78 Resp: 2529250
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4





#41

Methacrylonitrile

Concen: 63.95 ug/l m

RT: 5.94 min Scan# 448

Delta R.T. -0.00 min

Lab File: VD059985.D

Acq: 10 Sep 2018 11:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 449016

Ion Ratio Lower Upper

41 100

39 43.1 39.4 59.2

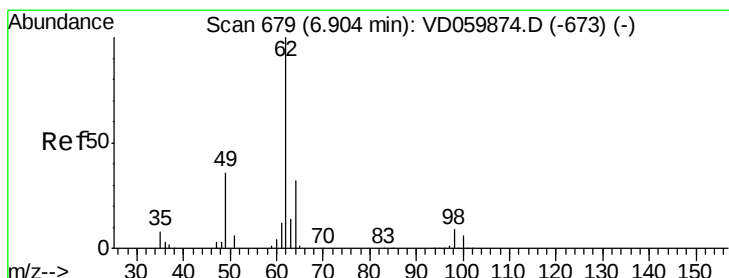
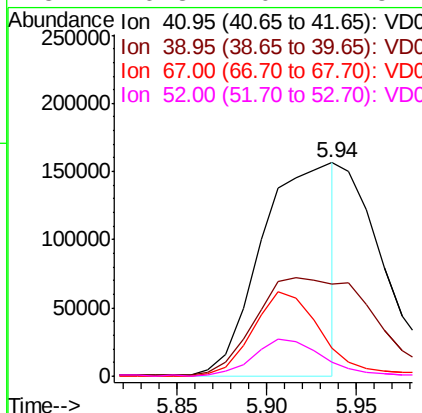
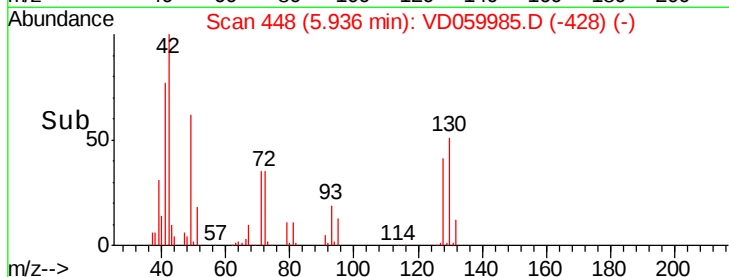
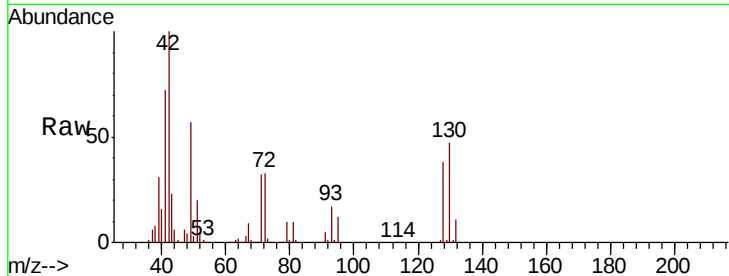
67 13.2 22.2 33.2#

52 6.3 10.1 15.1#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 50.93 ug/l

RT: 6.89 min Scan# 545

Delta R.T. -0.01 min

Lab File: VD059985.D

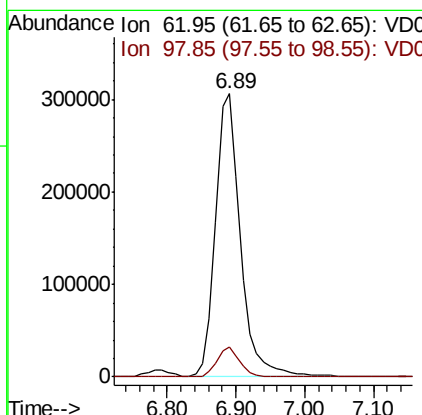
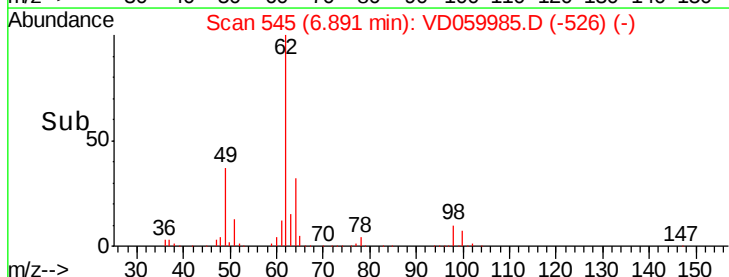
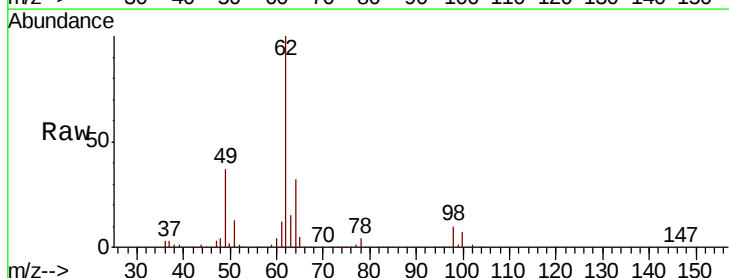
Acq: 10 Sep 2018 11:09

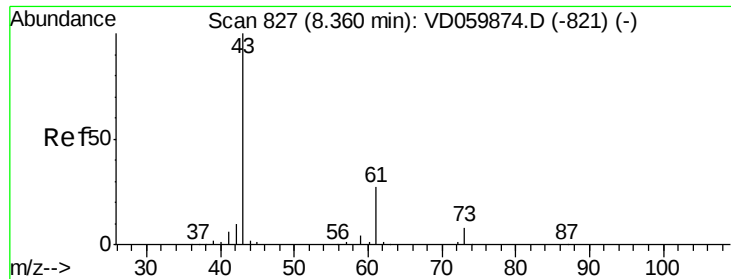
Tgt Ion: 62 Resp: 761502

Ion Ratio Lower Upper

62 100

98 10.4 0.0 18.4





#43

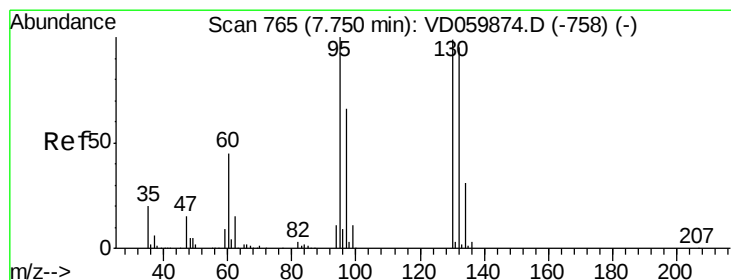
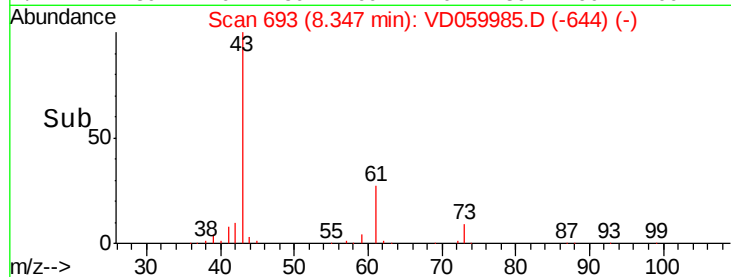
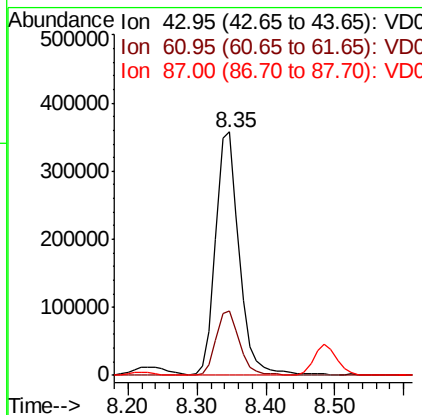
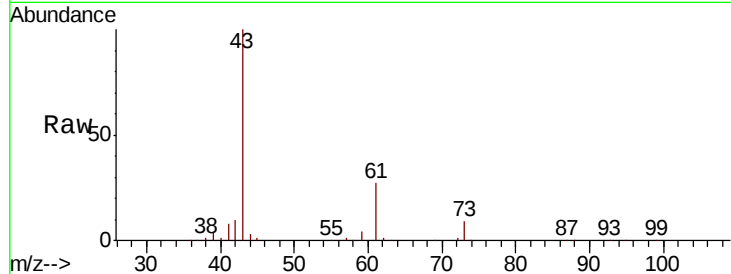
Isopropyl Acetate
 Concen: 46.26 ug/l
 RT: 8.35 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: VD059985.D
 Acq: 10 Sep 2018 11:09

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.6	21.4	32.2
87	0.2	0.2	0.4

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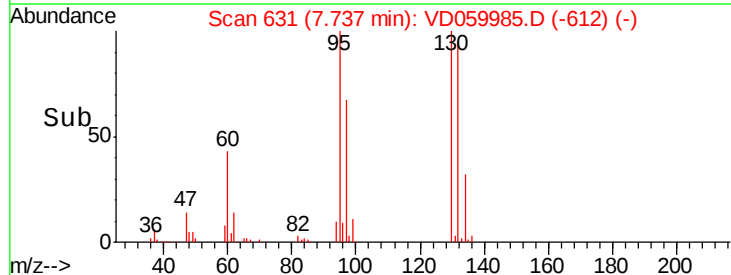
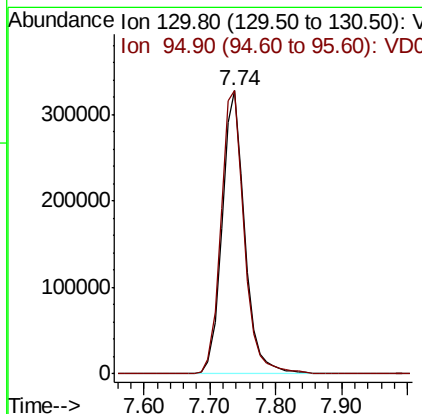
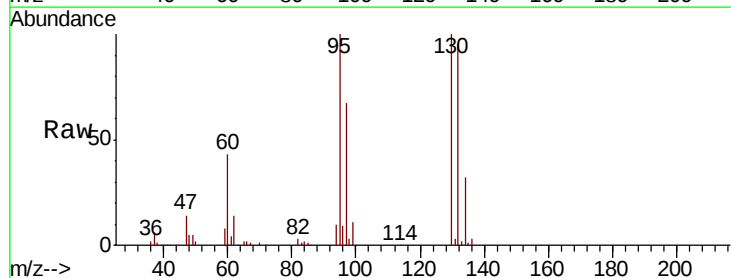
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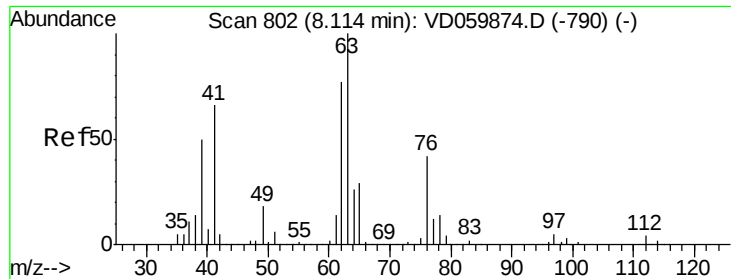


#44

Trichloroethene
 Concen: 57.27 ug/l
 RT: 7.74 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: VD059985.D
 Acq: 10 Sep 2018 11:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	202.0





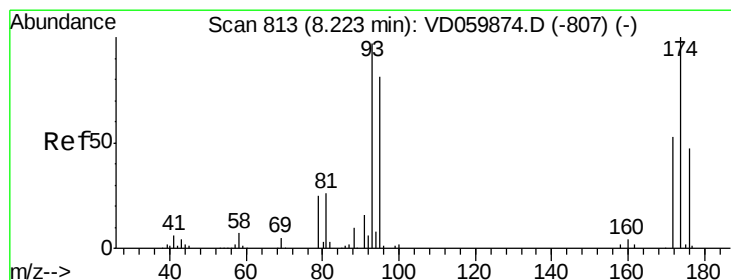
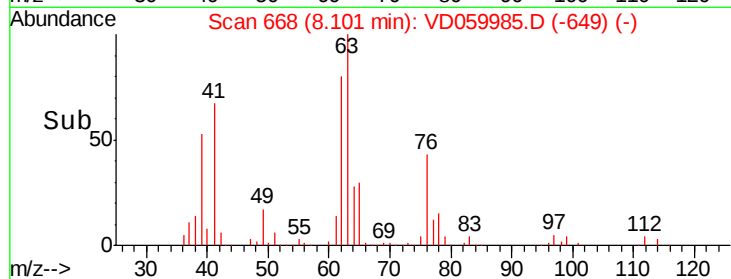
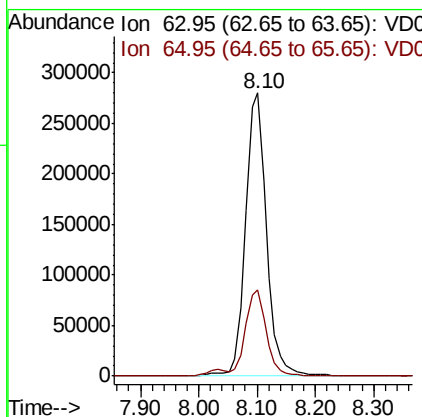
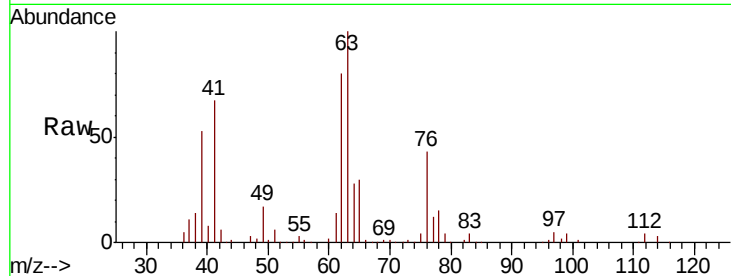
#45
 1,2-Dichloropropane
 Concen: 54.15 ug/l
 RT: 8.10 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: VD059985.D
 Acq: 10 Sep 2018 11:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 705034
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.5 35.3

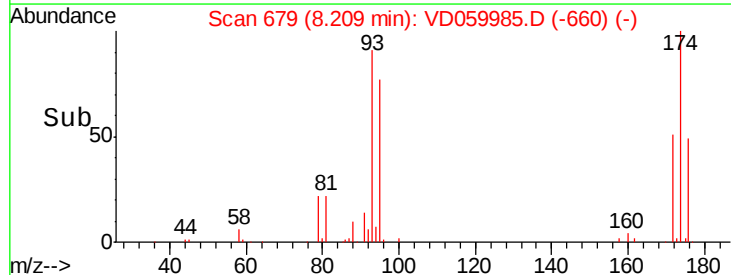
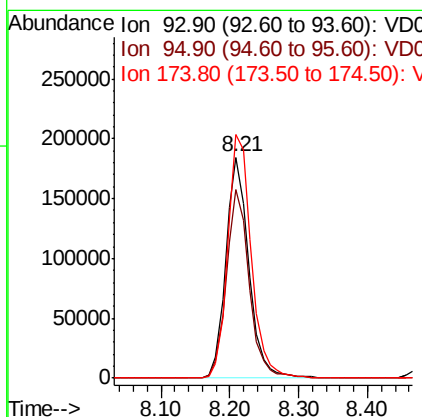
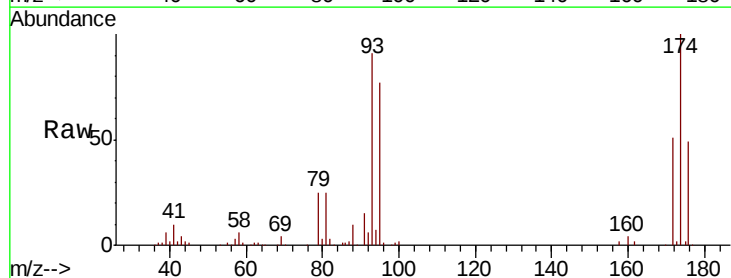
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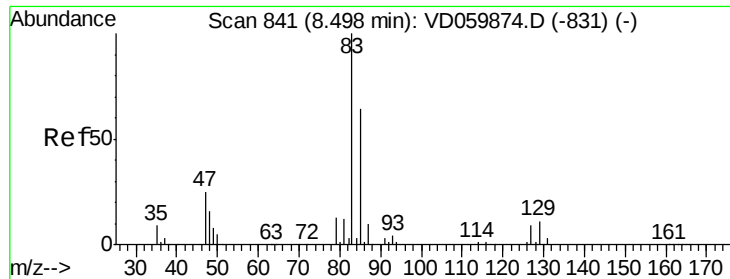
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#46
 Dibromomethane
 Concen: 50.74 ug/l
 RT: 8.21 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: VD059985.D
 Acq: 10 Sep 2018 11:09

Tgt Ion: 93 Resp: 424719
 Ion Ratio Lower Upper
 93 100
 95 85.4 66.6 100.0
 174 110.4 82.4 123.6





#47

Bromodichloromethane

Concen: 54.22 ug/l

RT: 8.48 min Scan# 707

Delta R.T. -0.01 min

Lab File: VD059985.D

Acq: 10 Sep 2018 11:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 1027561

Ion Ratio Lower Upper

83 100

85 65.3 51.3 76.9

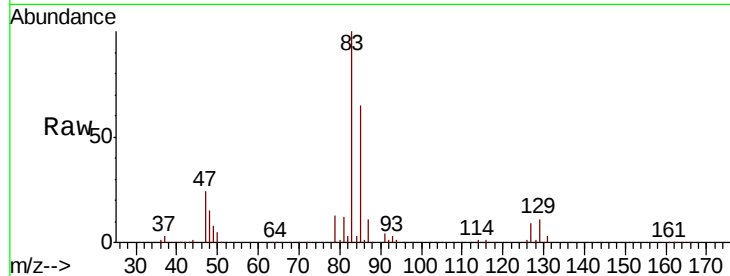
127 9.0 7.0 10.4

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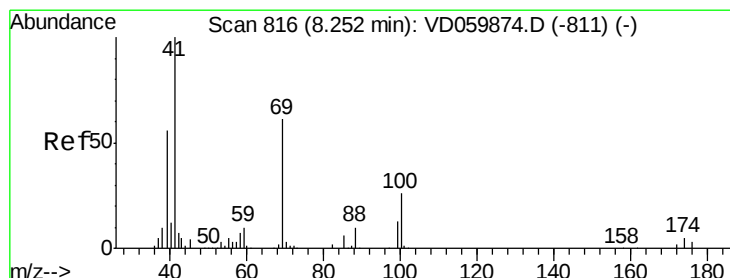
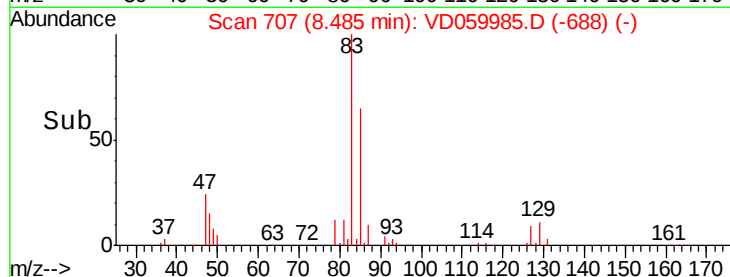
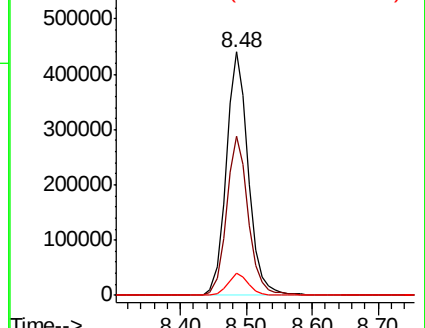
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Abundance Ion 82.85 (82.55 to 83.55): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 46.09 ug/l

RT: 8.24 min Scan# 682

Delta R.T. -0.01 min

Lab File: VD059985.D

Acq: 10 Sep 2018 11:09

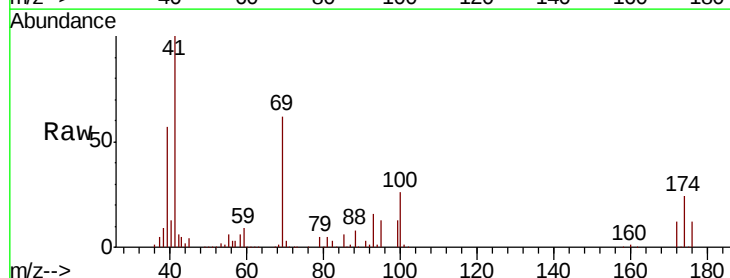
Tgt Ion: 41 Resp: 487175

Ion Ratio Lower Upper

41 100

69 62.1 48.0 72.0

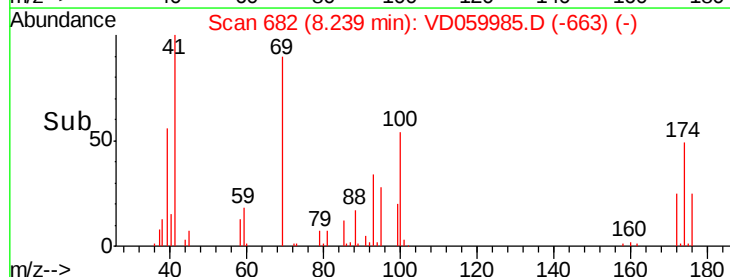
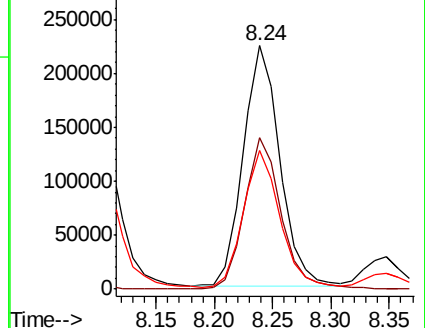
39 57.1 45.4 68.0

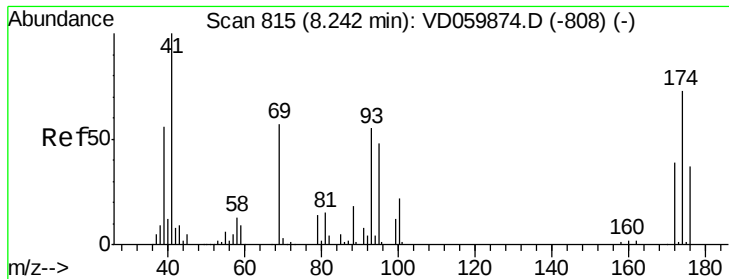


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 38.95 (38.65 to 39.65): VDC





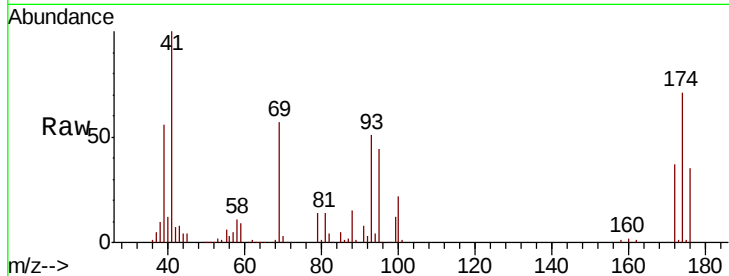
#49
 1,4-Dioxane
 Concen: 937.04 ug/l
 RT: 8.23 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: VD059985.D
 Acq: 10 Sep 2018 11:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

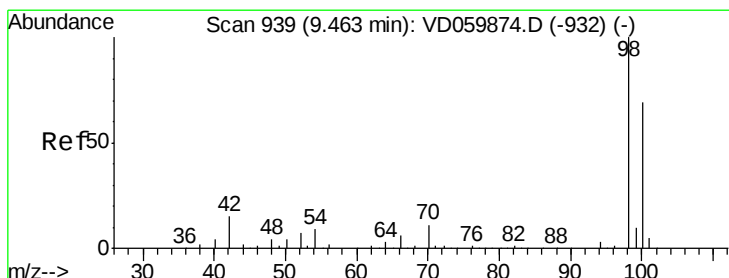
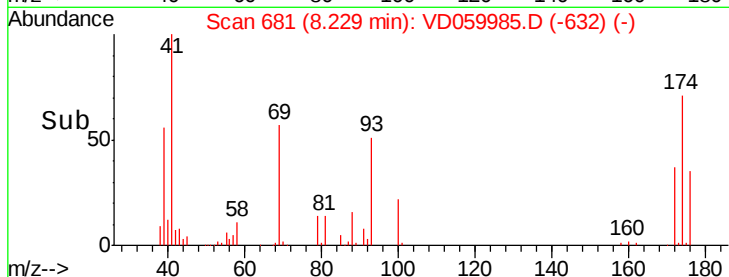
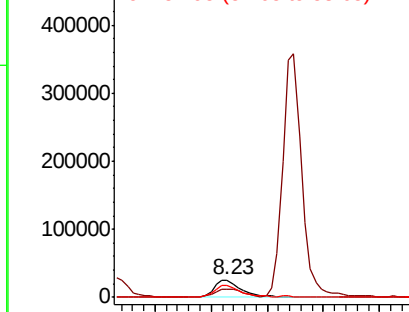
Tot Ion	Ratio	Lower	Upper
88	100		
43	50.1	45.0	67.6
58	71.4	55.8	83.8

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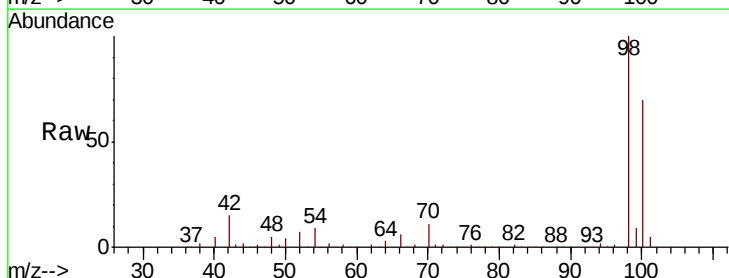


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.05 (42.75 to 43.75): VDC
 Ion 57.95 (57.65 to 58.65): VDC

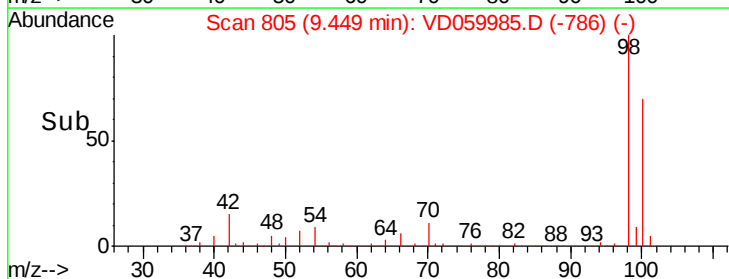
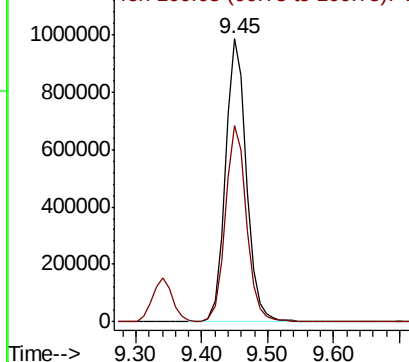


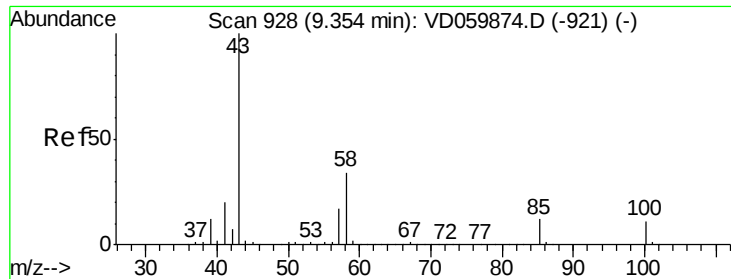
#50
 Toluene-d8
 Concen: 937.04 ug/l
 RT: 9.45 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VD059985.D
 Acq: 10 Sep 2018 11:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.6	55.8	83.6



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: 239.08 ug/l

RT: 9.34 min Scan# 794

Delta R.T. -0.01 min

Lab File: VD059985.D

Acq: 10 Sep 2018 11:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3232305

Ion Ratio Lower Upper

43 100

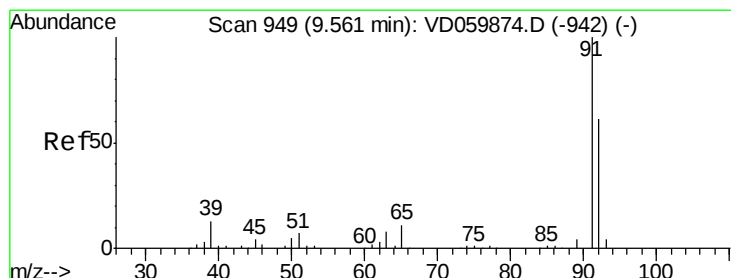
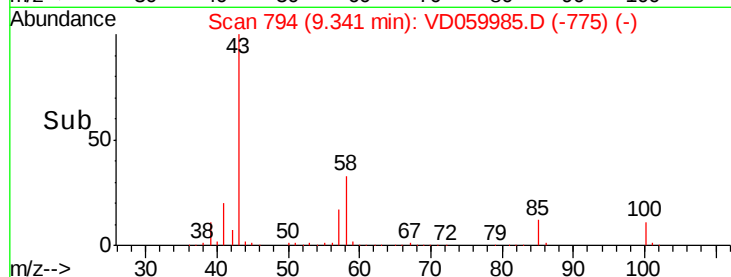
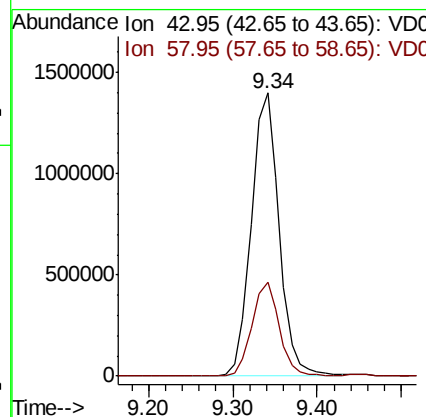
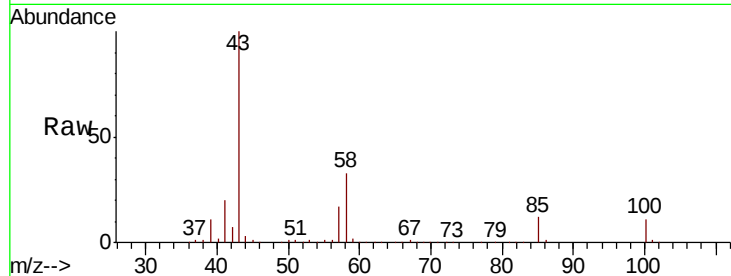
58 33.3 27.0 40.4

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#52

Toluene

Concen: 54.81 ug/l

RT: 9.55 min Scan# 815

Delta R.T. -0.01 min

Lab File: VD059985.D

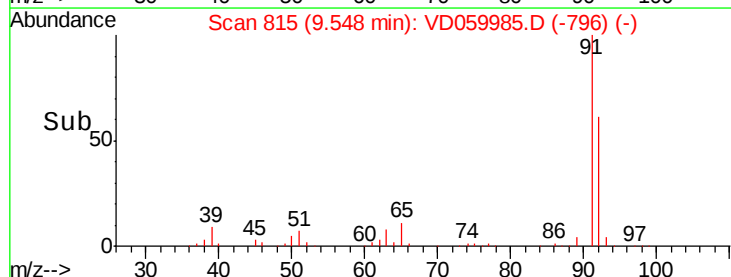
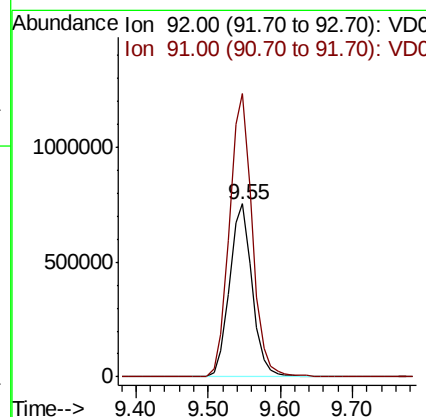
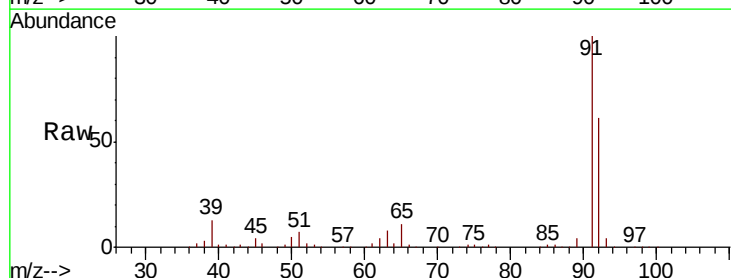
Acq: 10 Sep 2018 11:09

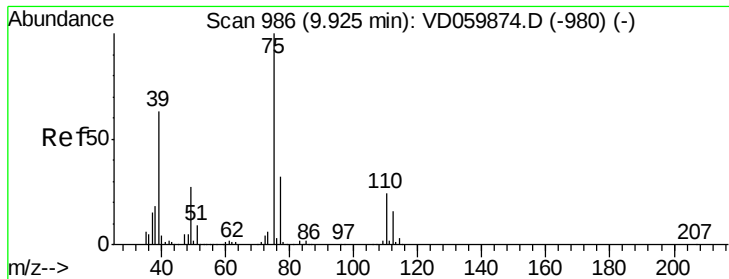
Tgt Ion: 92 Resp: 1636934

Ion Ratio Lower Upper

92 100

91 163.7 131.4 197.2





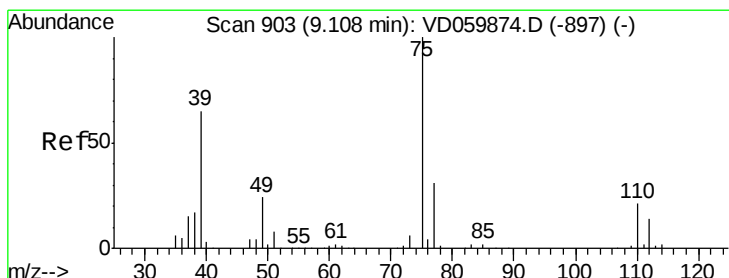
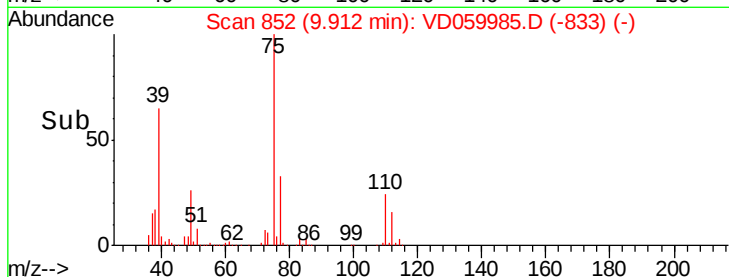
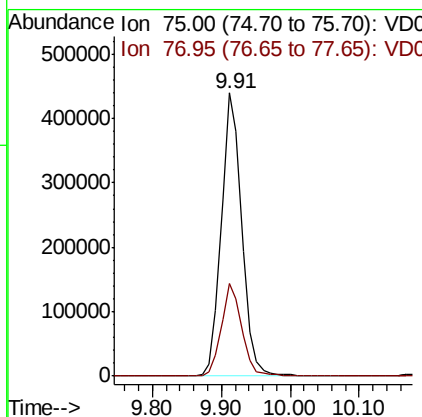
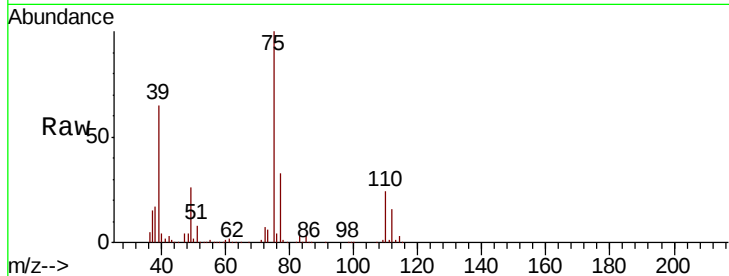
#53
t-1,3-Dichloropropene
Concen: 51.58 ug/l
RT: 9.91 min Scan# 852
Delta R.T. -0.01 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 904195
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.2

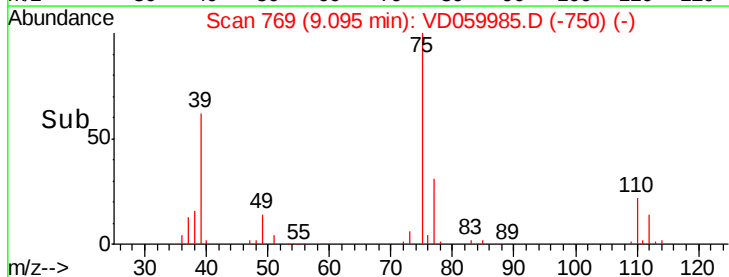
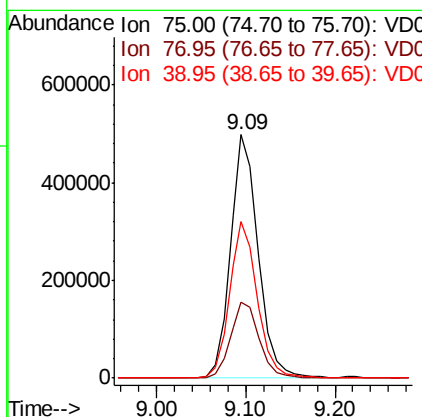
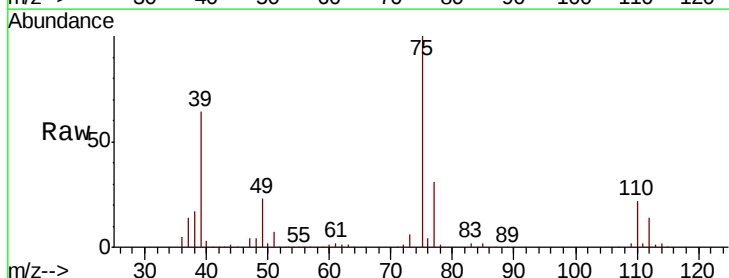
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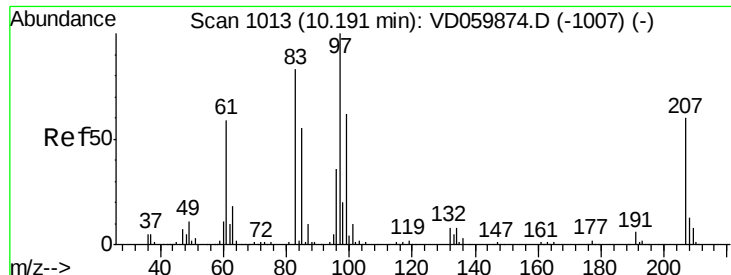
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#54
cis-1,3-Dichloropropene
Concen: 53.11 ug/l
RT: 9.09 min Scan# 769
Delta R.T. -0.01 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Tgt Ion: 75 Resp: 1079335
Ion Ratio Lower Upper
75 100
77 31.3 24.8 37.2
39 64.3 52.1 78.1





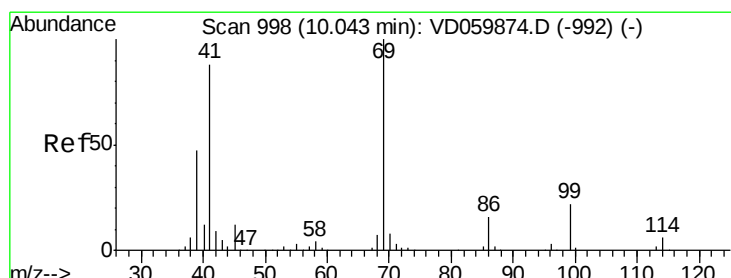
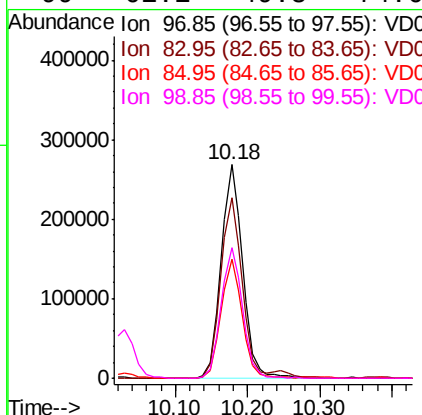
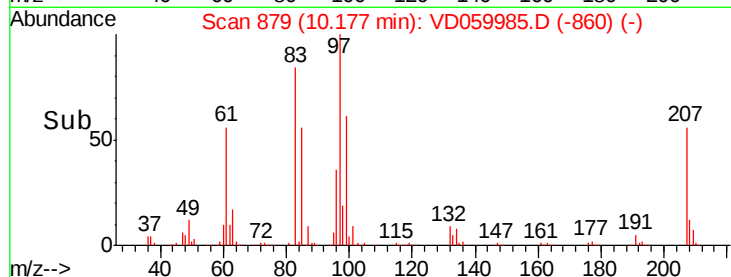
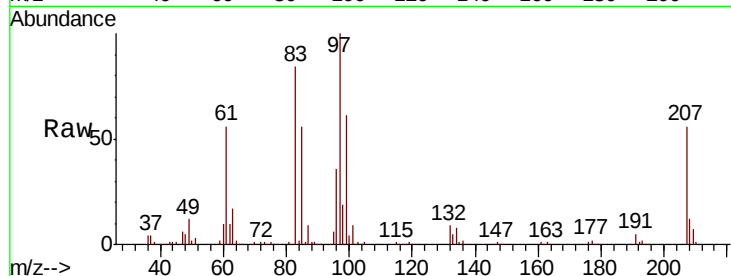
#55
 1,1,2-Trichloroethane
 Concen: 50.82 ug/l
 RT: 10.18 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: VD059985.D
 Acq: 10 Sep 2018 11:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	97	Resp	554778
Ion Ratio	Lower	Upper	
97	100		
83	84.5	66.7	100.1
85	55.9	43.8	65.6
99	61.1	49.8	74.6

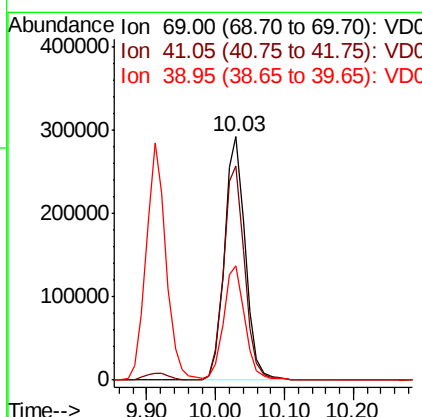
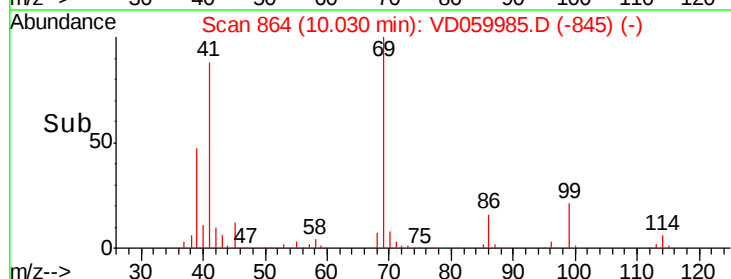
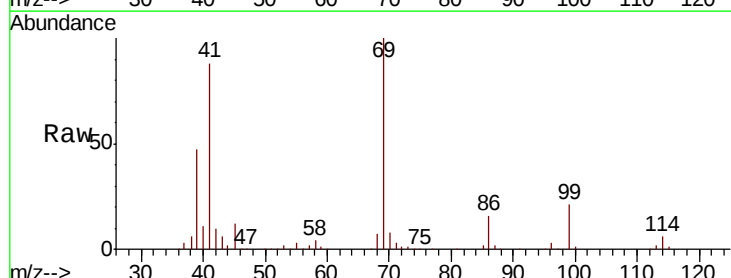
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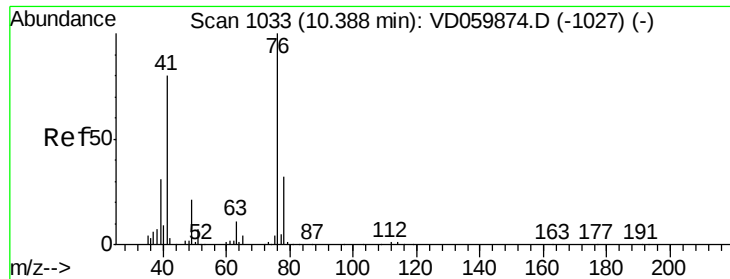
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#56
 Ethyl methacrylate
 Concen: 48.15 ug/l
 RT: 10.03 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VD059985.D
 Acq: 10 Sep 2018 11:09

Tgt Ion	69	Resp	606694
Ion Ratio	Lower	Upper	
69	100		
41	87.9	71.0	106.4
39	47.2	38.5	57.7





#57

1,3-Dichloropropane

Concen: 51.94 ug/l

RT: 10.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD059985.D

Acq: 10 Sep 2018 11:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 820679

Ion Ratio Lower Upper

76 100

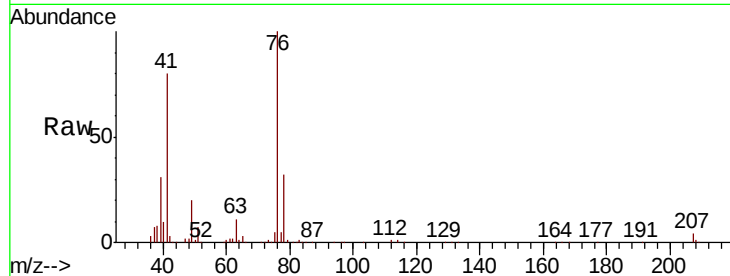
78 32.3 25.8 38.6

Manual Integrations

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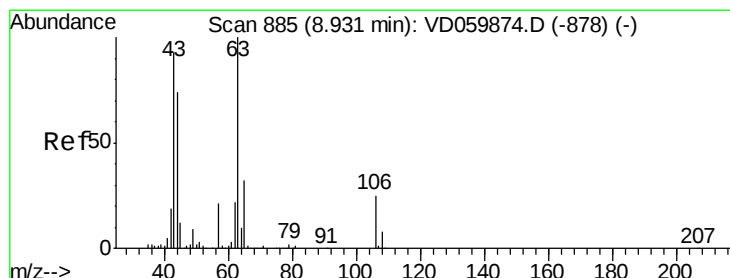
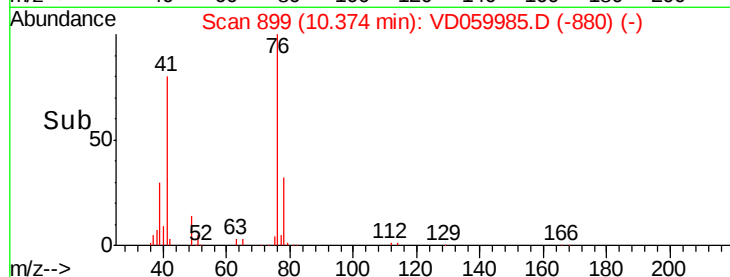
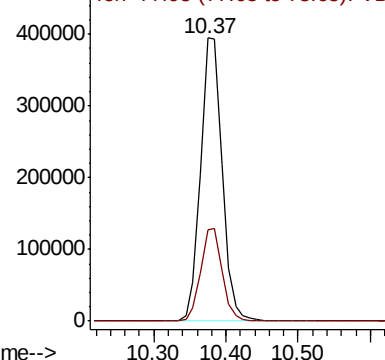
apatel

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Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 250.62 ug/l

RT: 8.92 min Scan# 751

Delta R.T. -0.01 min

Lab File: VD059985.D

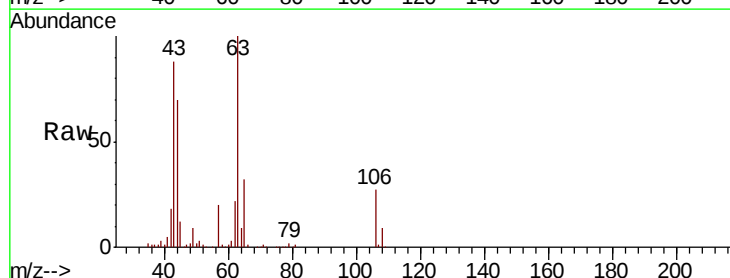
Acq: 10 Sep 2018 11:09

Tgt Ion: 63 Resp: 1514807

Ion Ratio Lower Upper

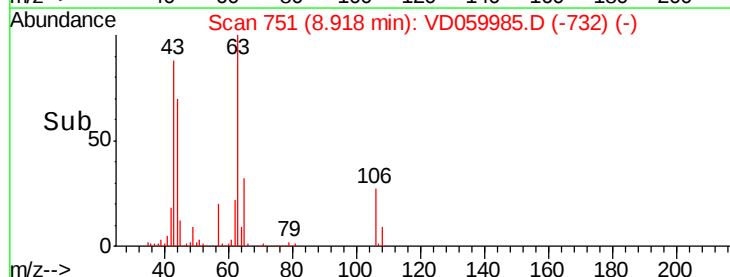
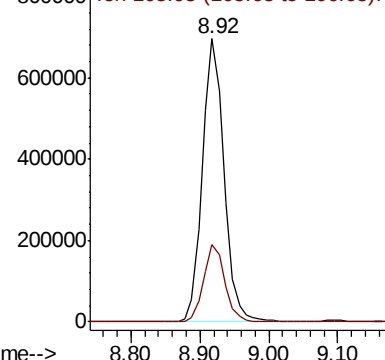
63 100

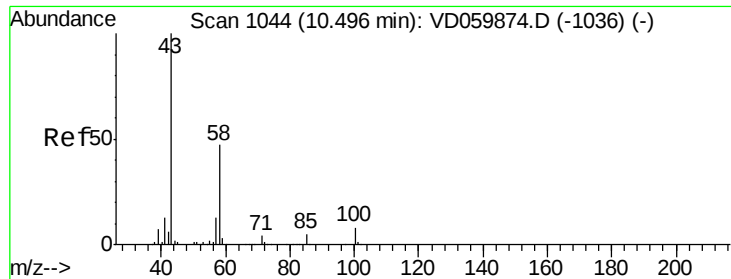
106 27.2 20.1 30.1



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V





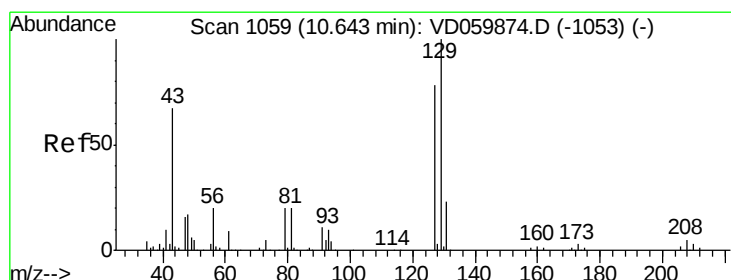
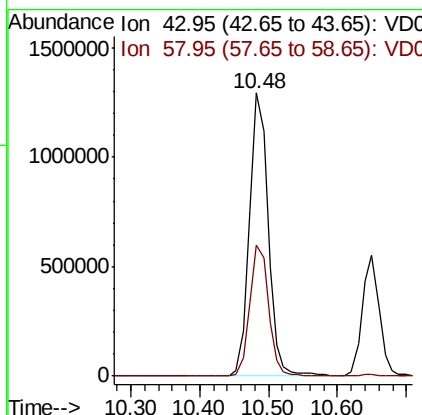
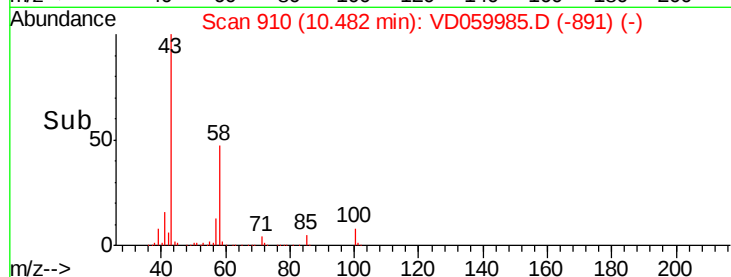
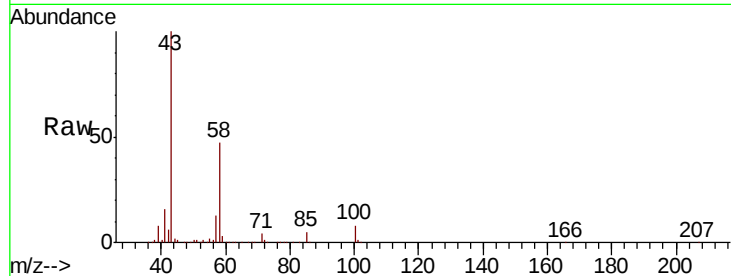
#59
2-Hexanone
Concen: 246.29 ug/l
RT: 10.48 min Scan# 910
Delta R.T. -0.01 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 2455927
Ion Ratio Lower Upper
43 100
58 46.5 23.3 69.8

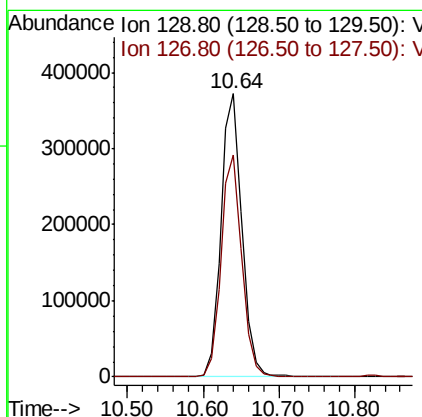
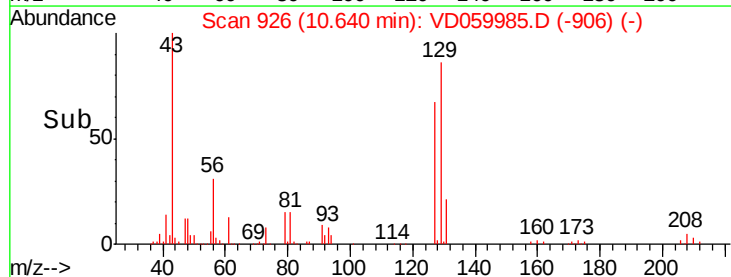
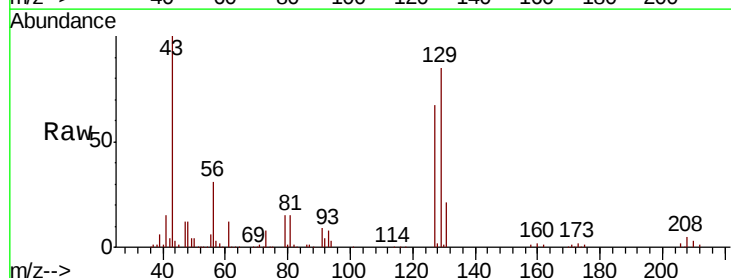
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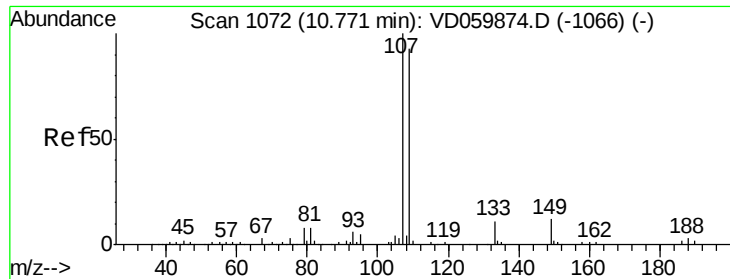
apatel
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#60
Dibromochloromethane
Concen: 51.92 ug/l
RT: 10.64 min Scan# 926
Delta R.T. -0.00 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Tgt Ion: 129 Resp: 712520
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.2





#61

1,2-Dibromoethane

Concen: 50.50 ug/l

RT: 10.76 min Scan# 938

Delta R.T. -0.01 min

Lab File: VD059985.D

Acq: 10 Sep 2018 11:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 557421

Ion Ratio Lower Upper

107 100

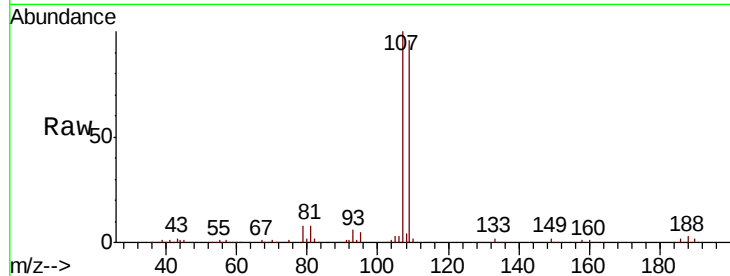
109 96.0 74.6 112.0

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V

10.76

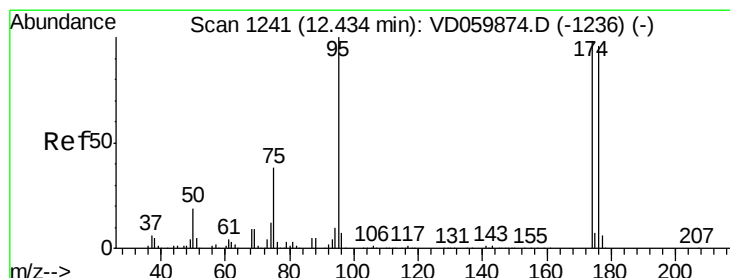
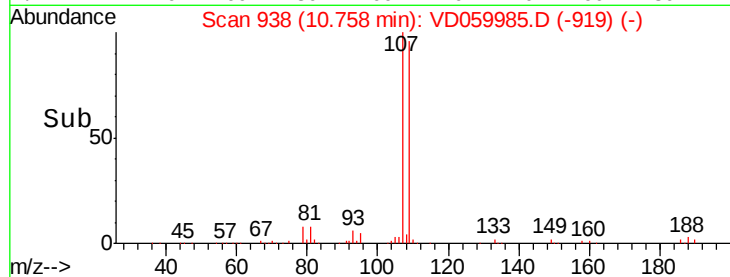
300000

200000

100000

0

Time--> 10.60 10.70 10.80 10.90



#62

4-Bromofluorobenzene

Concen: 50.50 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VD059985.D

Acq: 10 Sep 2018 11:09

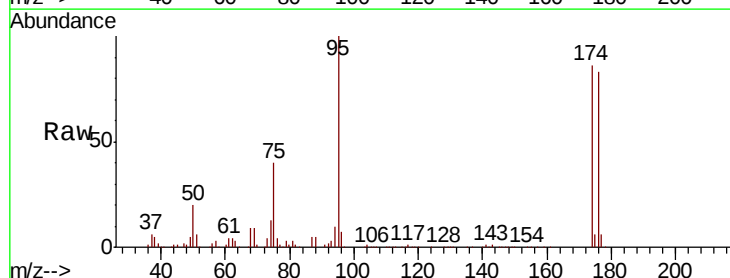
Tgt Ion: 95 Resp: 829668

Ion Ratio Lower Upper

95 100

174 85.6 0.0 195.6

176 83.1 0.0 191.2



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

800000

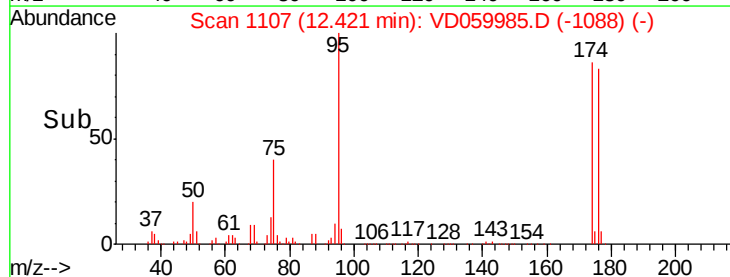
600000

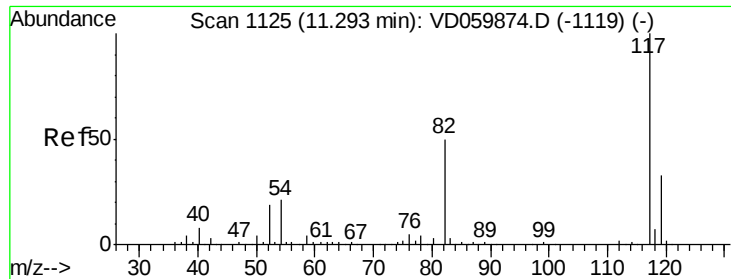
400000

200000

0

Time--> 12.40 12.50





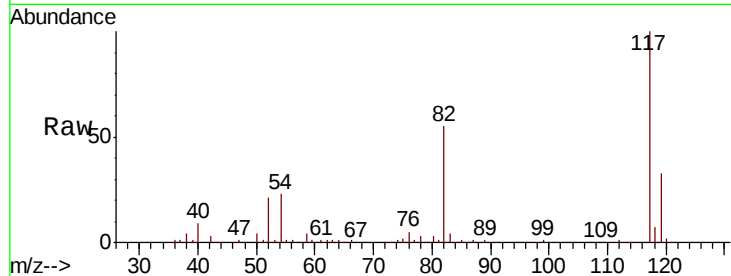
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.28 min Scan# 991
Delta R.T. -0.01 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

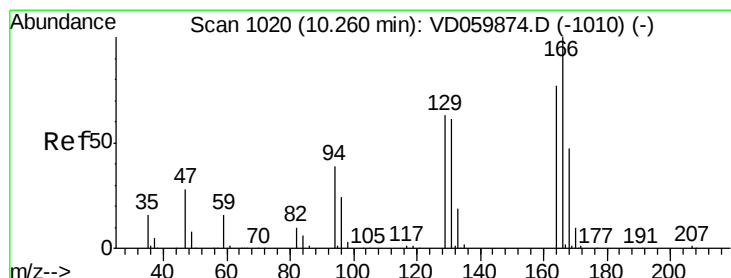
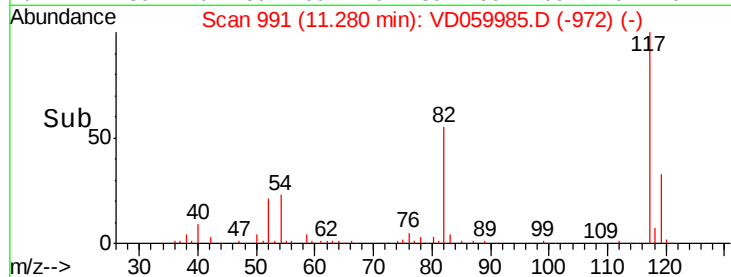
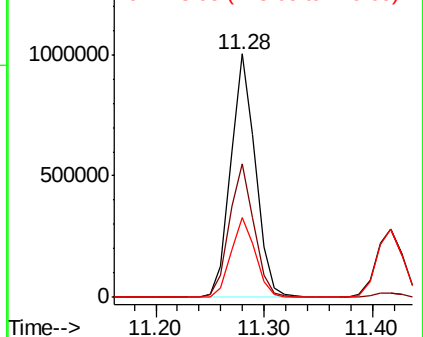
Tot Ion:117 Resp: 1584220
Ion Ratio Lower Upper
117 100
82 54.7 40.1 60.1
119 32.7 26.7 40.1

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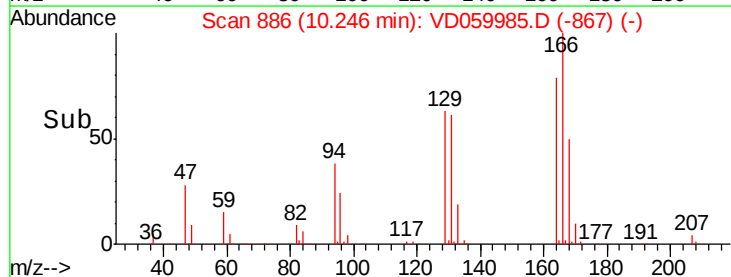
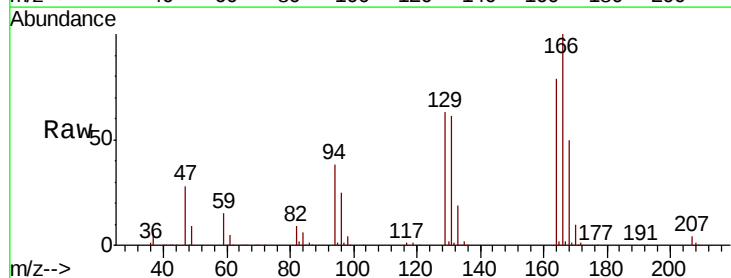
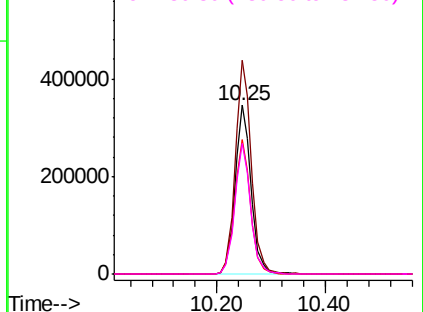
Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#64
Tetrachloroethene
Concen: 58.52 ug/l
RT: 10.25 min Scan# 886
Delta R.T. -0.01 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Tgt Ion:164 Resp: 716804
Ion Ratio Lower Upper
164 100
166 126.7 103.4 155.2
129 79.7 65.2 97.8
131 77.6 63.1 94.7

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





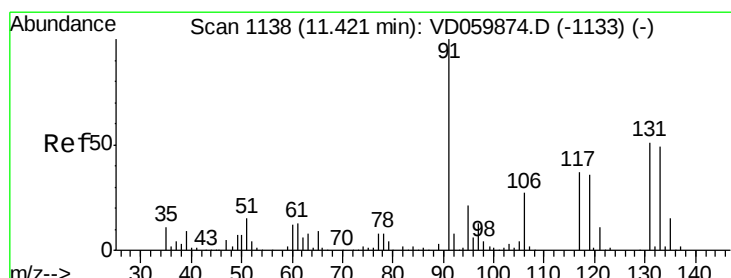
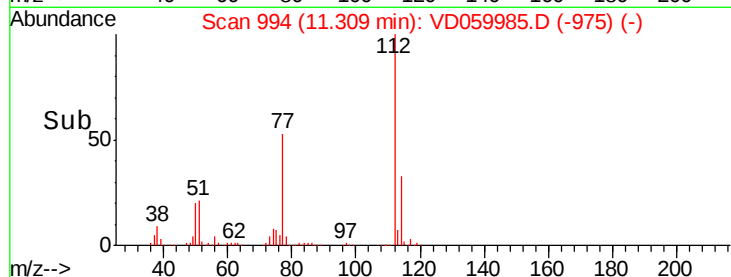
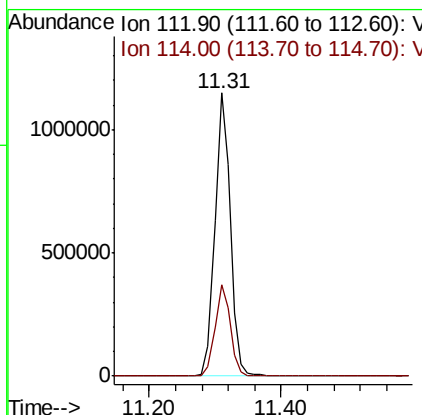
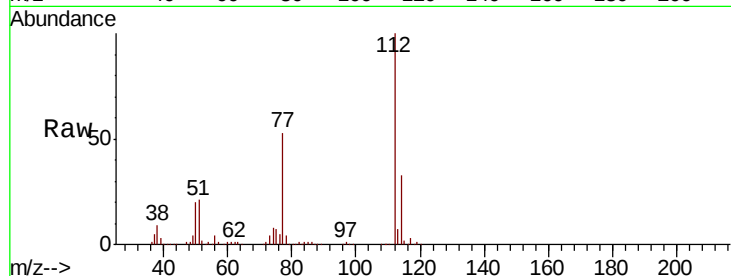
#65
Chlorobenzene
Concen: 58.51 ug/l
RT: 11.31 min Scan# 994
Delta R.T. -0.01 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1842117
Ion Ratio Lower Upper
112 100
114 32.5 26.4 39.6

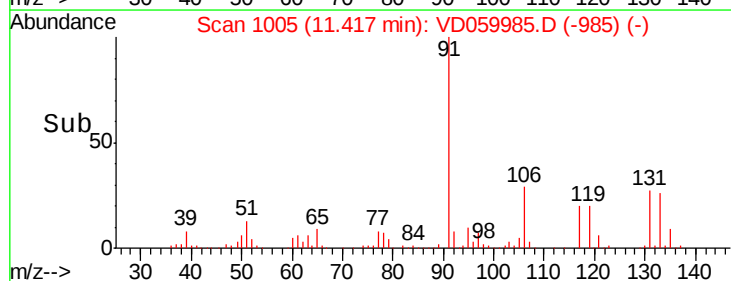
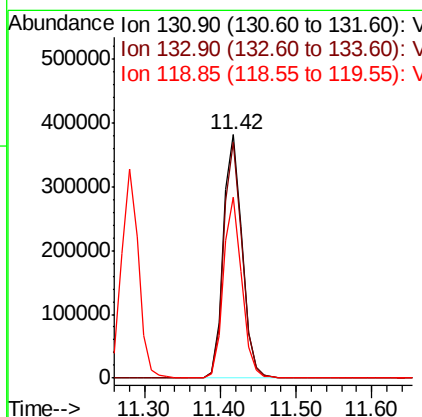
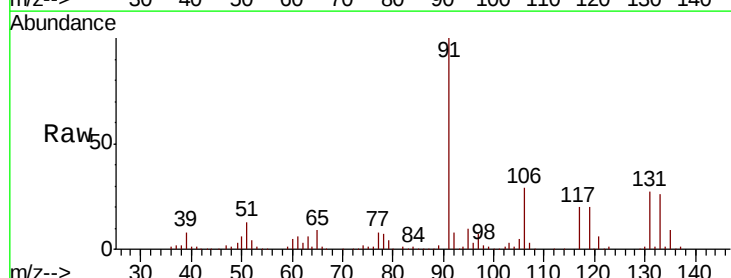
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#66
1,1,1,2-Tetrachloroethane
Concen: 57.08 ug/l
RT: 11.42 min Scan# 1005
Delta R.T. -0.00 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Tgt Ion:131 Resp: 656541
Ion Ratio Lower Upper
131 100
133 96.9 48.3 144.8
119 74.0 35.4 106.3





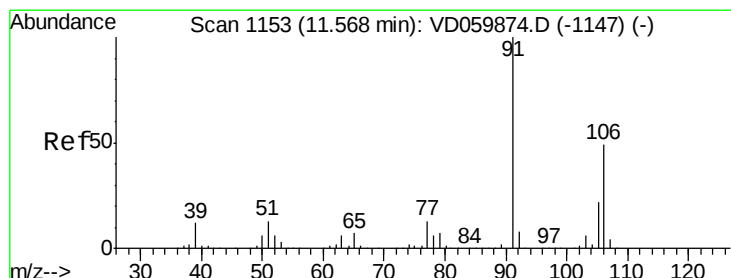
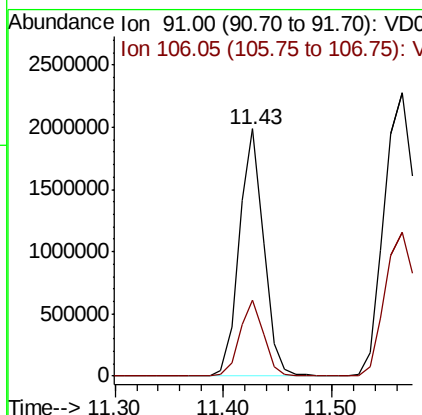
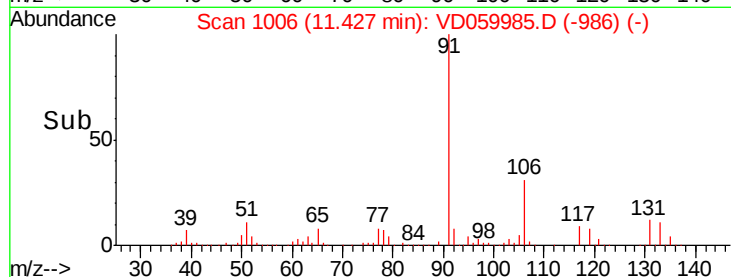
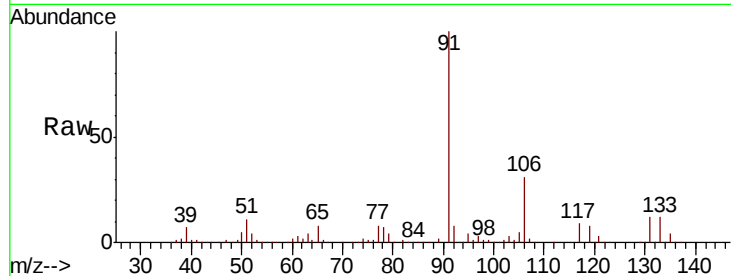
#67
Ethyl Benzene
Concen: 58.60 ug/l
RT: 11.43 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050

Tot Ion: 91 Resp: 3103453
Ion Ratio Lower Upper
91 100
106 30.7 23.8 35.8

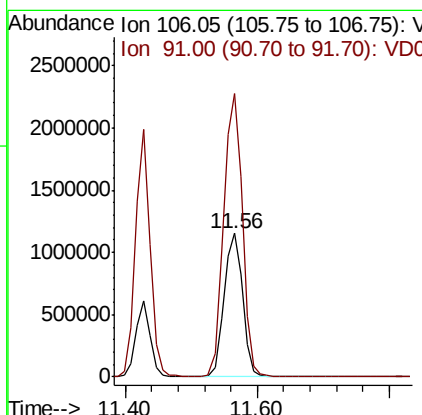
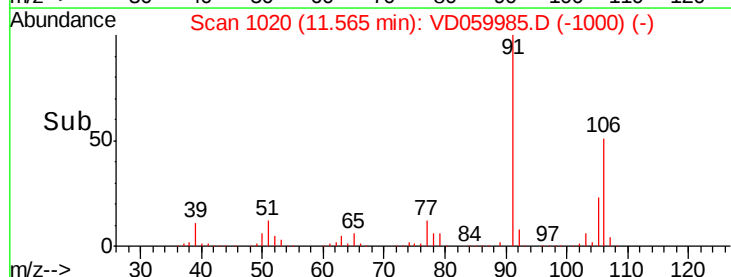
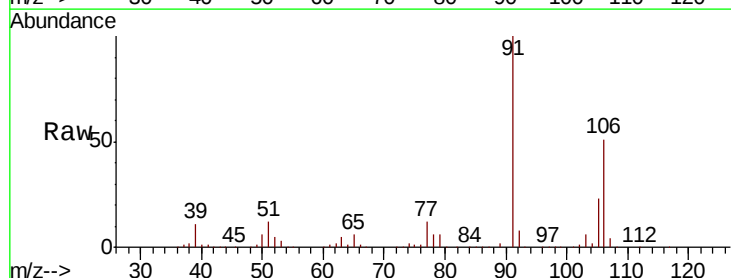
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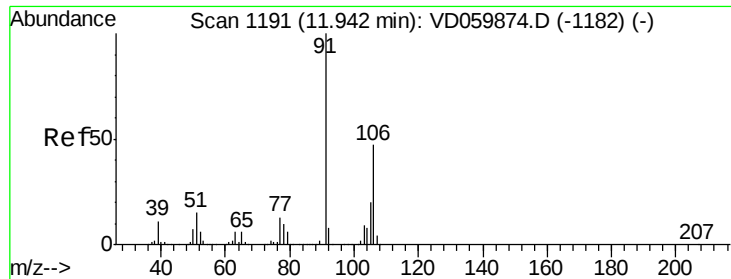
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#68
m/p-Xylenes
Concen: 117.01 ug/l
RT: 11.56 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Tgt Ion: 106 Resp: 2256381
Ion Ratio Lower Upper
106 100
91 196.9 162.0 243.0





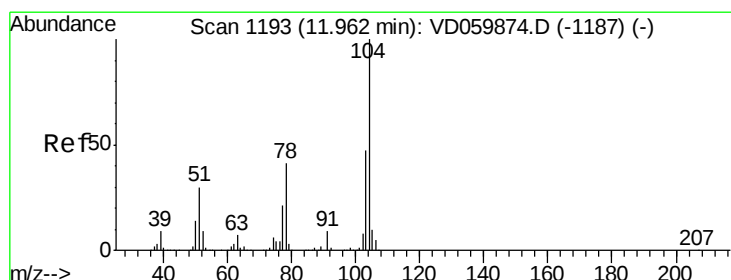
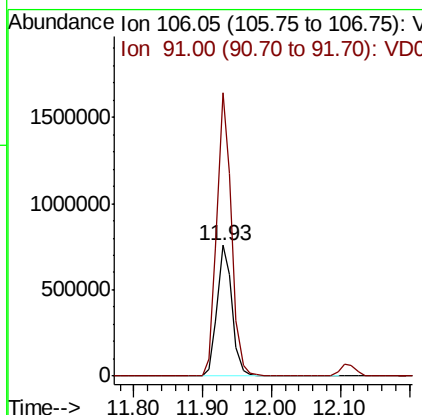
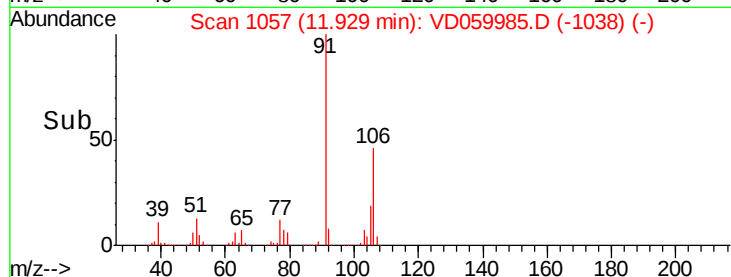
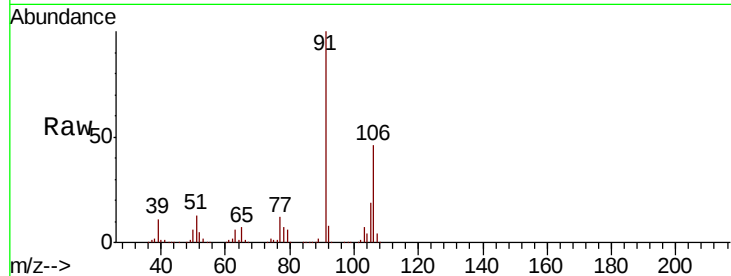
#69
o-Xylene
Concen: 60.04 ug/l
RT: 11.93 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 1132459
Ion Ratio Lower Upper
106 100
91 216.1 107.3 322.0

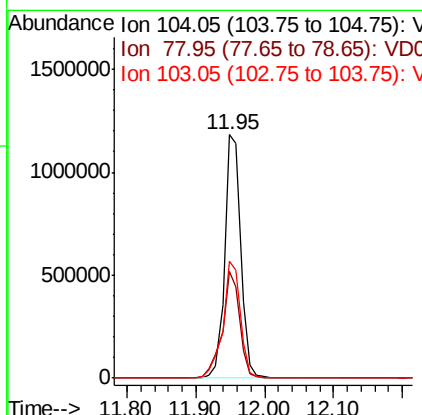
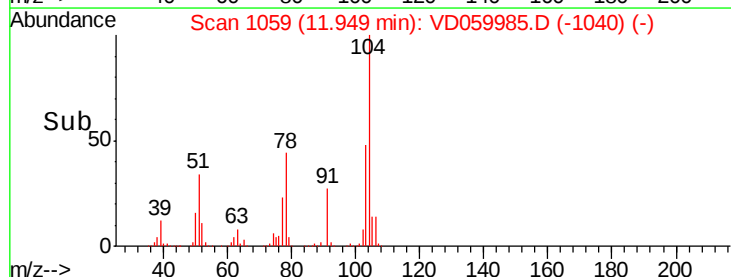
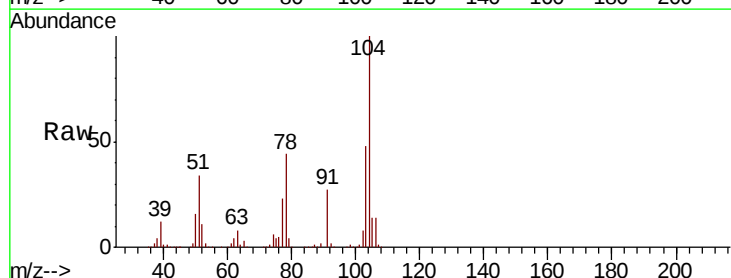
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#70
Styrene
Concen: 58.37 ug/l
RT: 11.95 min Scan# 1059
Delta R.T. -0.01 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Tgt Ion:104 Resp: 1906290
Ion Ratio Lower Upper
104 100
78 43.8 32.6 49.0
103 47.8 37.7 56.5





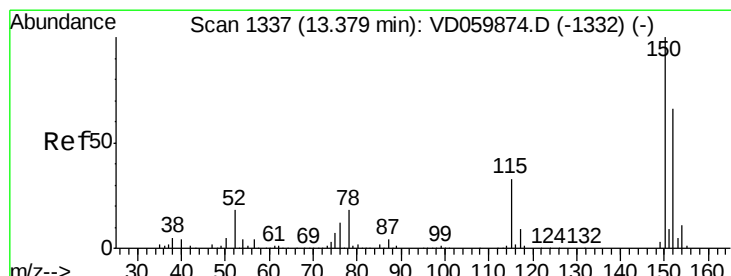
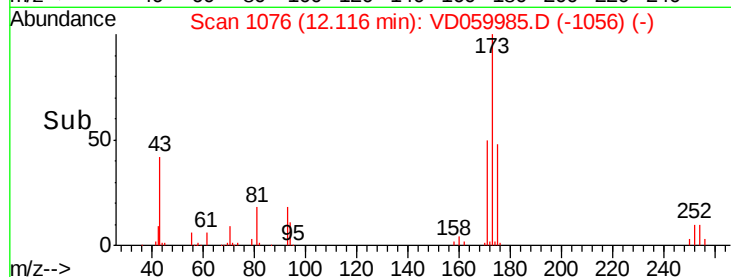
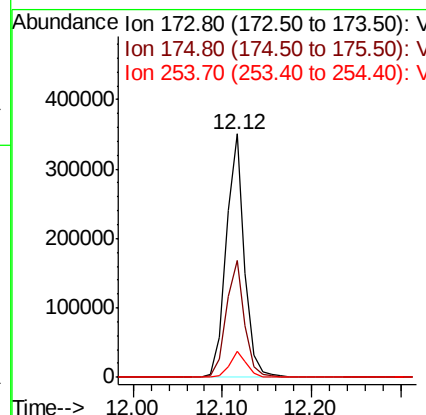
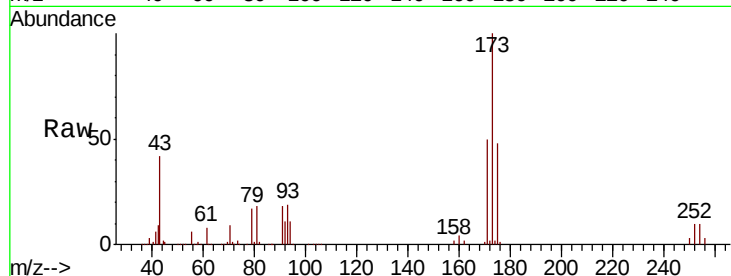
#71
Bromoform
Concen: 50.61 ug/l
RT: 12.12 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.3	73.0
254	10.5	7.0	10.6

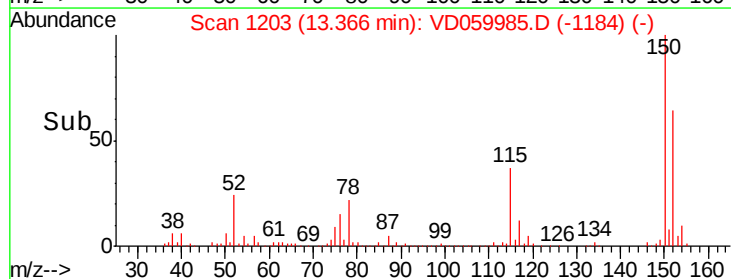
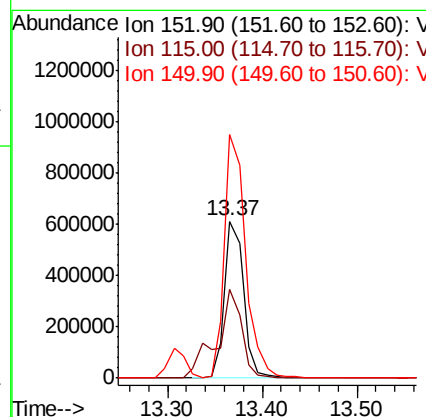
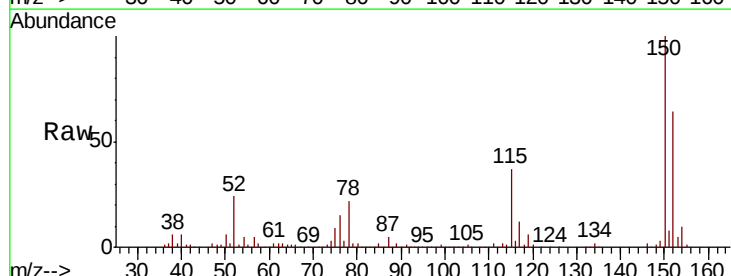
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.37 min Scan# 1203
Delta R.T. -0.01 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	25.7	77.0
150	155.5	0.0	310.2





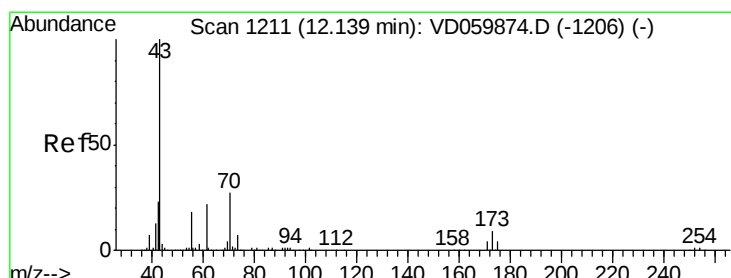
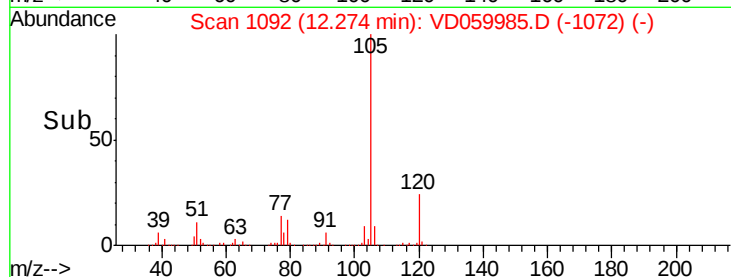
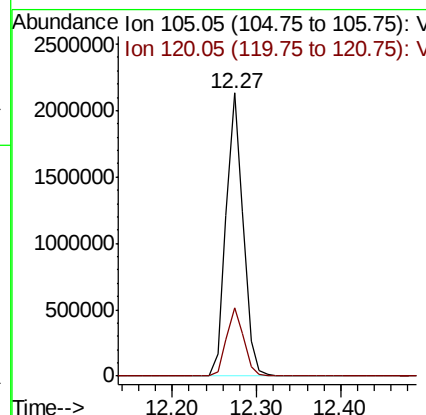
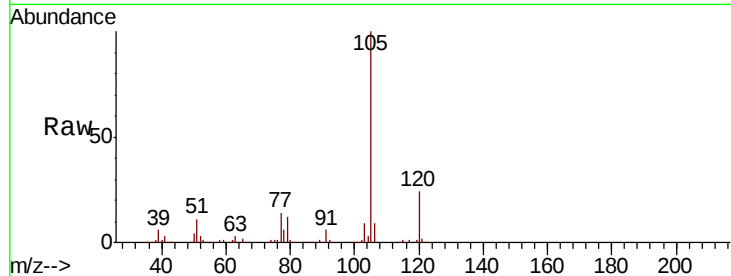
#73
Isopropylbenzene
Concen: 55.53 ug/l
RT: 12.27 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:105 Resp: 3019562
Ion Ratio Lower Upper
105 100
120 24.1 11.8 35.4

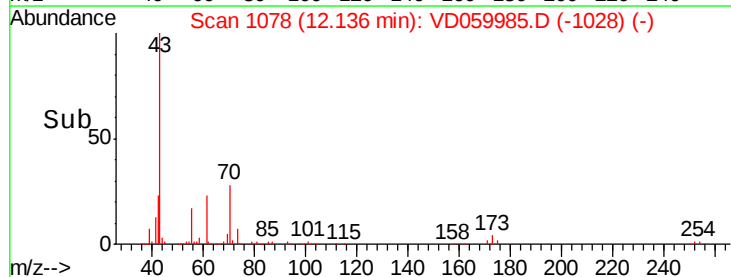
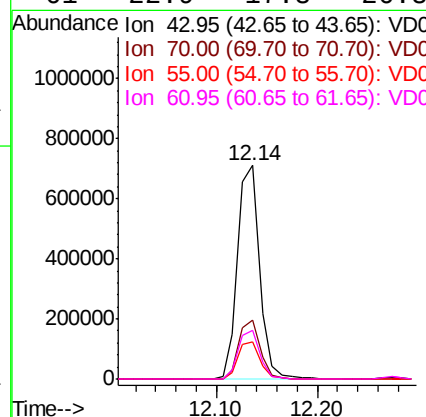
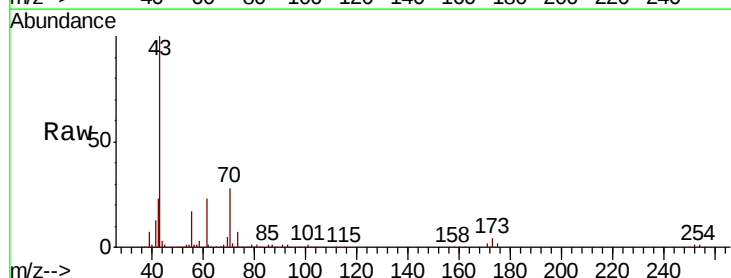
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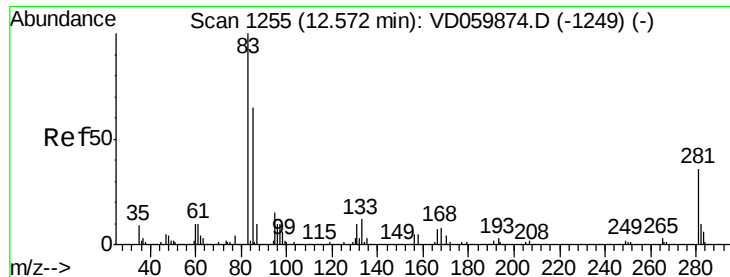
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#74
N-ethyl acetate
Concen: 44.98 ug/l
RT: 12.14 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Tgt Ion: 43 Resp: 1071041
Ion Ratio Lower Upper
43 100
70 27.7 21.4 32.2
55 17.3 14.1 21.1
61 22.9 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.49 ug/l

RT: 12.56 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VD059985.D

Acq: 10 Sep 2018 11:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 609921

Ion Ratio Lower Upper

83 100

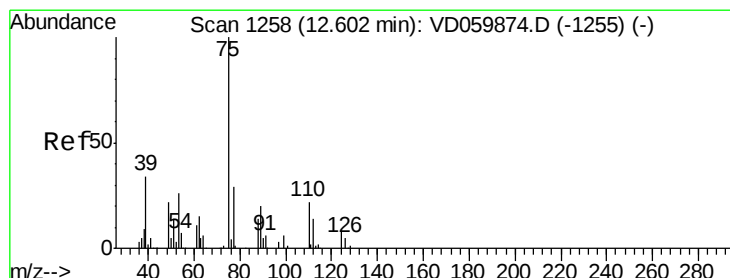
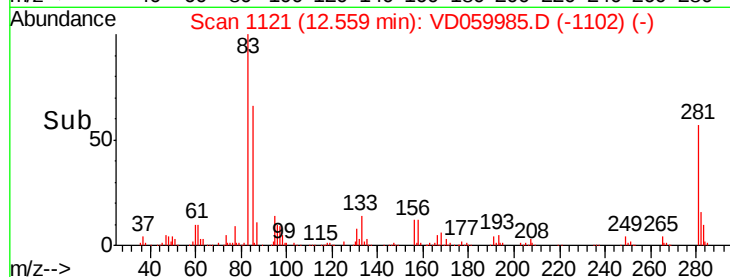
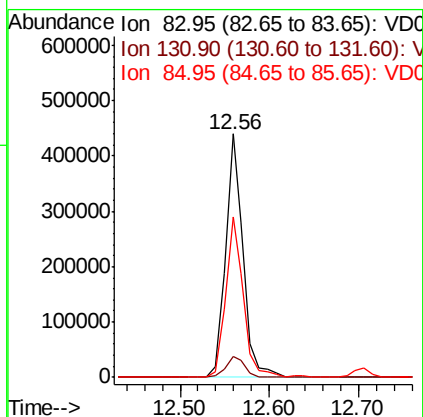
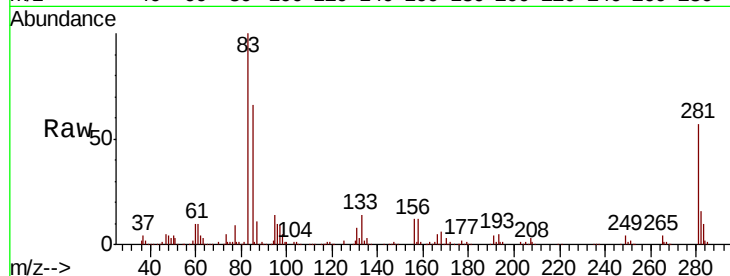
131 8.3 4.8 14.4

85 65.8 32.6 97.8

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#76

1,2,3-Trichloropropane

Concen: 49.17 ug/l

RT: 12.60 min Scan# 1125

Delta R.T. -0.00 min

Lab File: VD059985.D

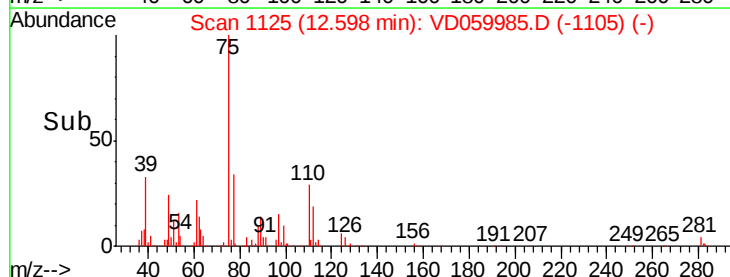
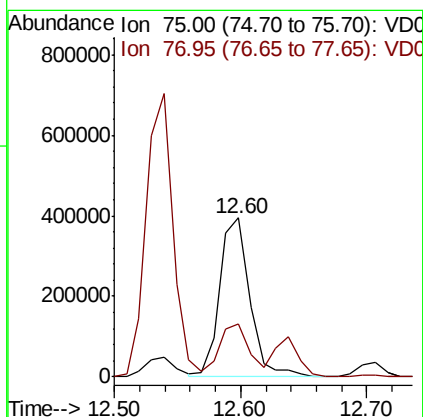
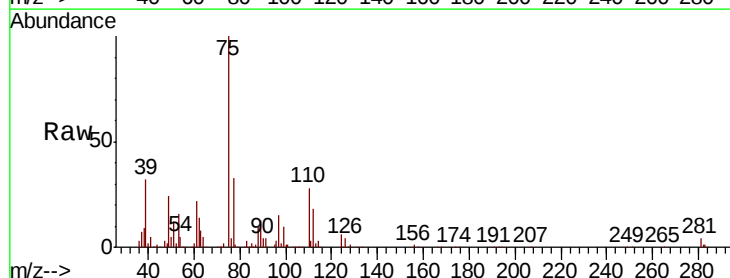
Acq: 10 Sep 2018 11:09

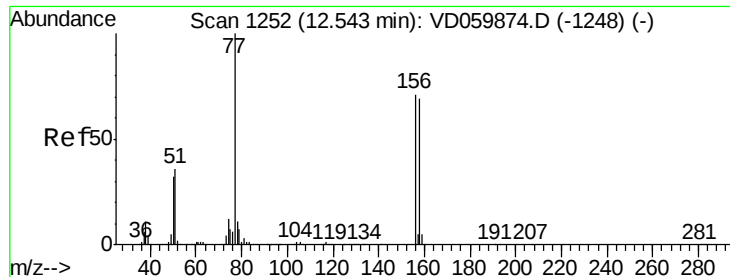
Tgt Ion: 75 Resp: 651031

Ion Ratio Lower Upper

75 100

77 33.3 16.4 49.2





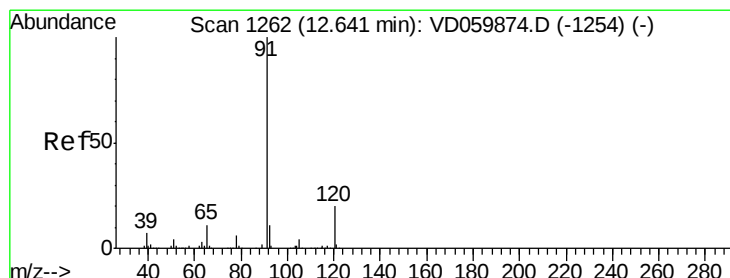
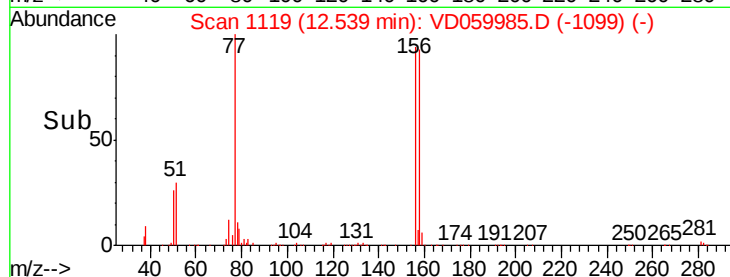
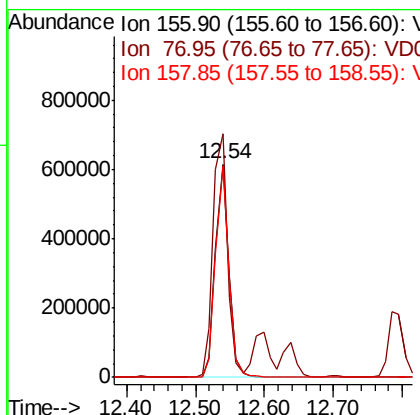
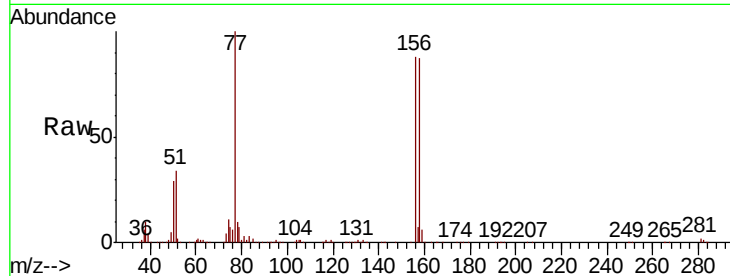
#77
Bromobenzene
Concen: 55.53 ug/l
RT: 12.54 min Scan# 1119
Delta R.T. -0.00 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	114.0	70.2	210.4	
158	99.3	48.4	145.2	

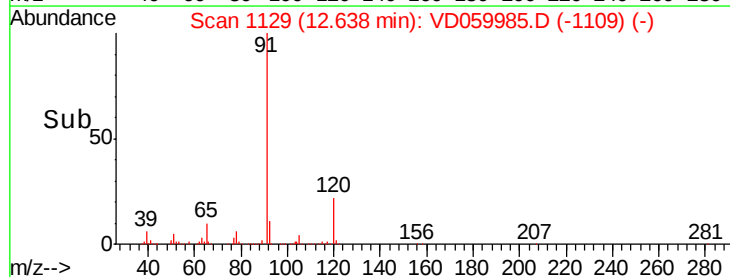
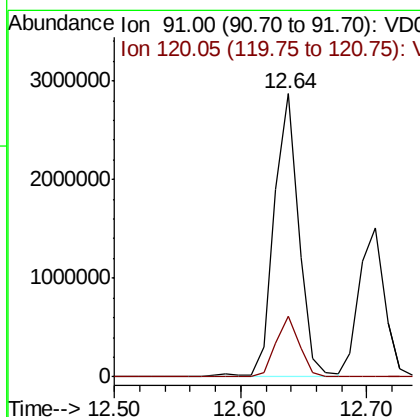
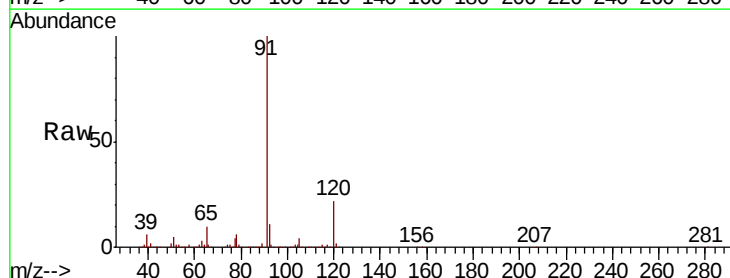
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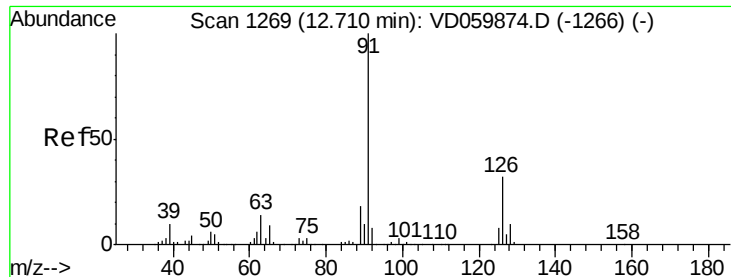
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#78
n-propylbenzene
Concen: 56.66 ug/l
RT: 12.64 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	21.7	10.1	30.3	





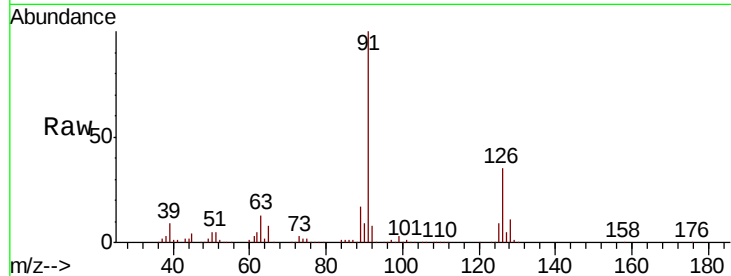
#79
 2-Chlorotoluene
 Concen: 54.06 ug/l
 RT: 12.71 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: VD059985.D
 Acq: 10 Sep 2018 11:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

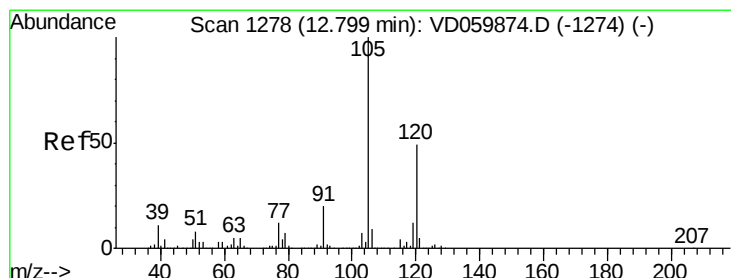
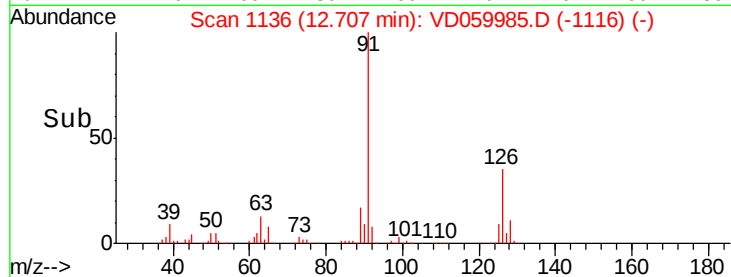
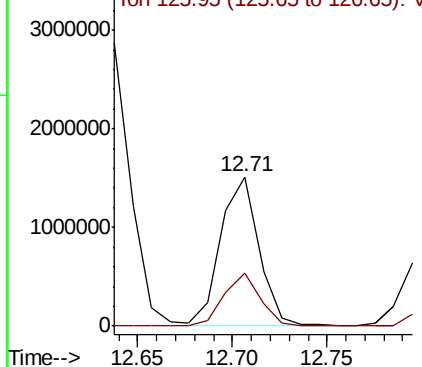
Tot Ion: 91 Resp: 2105233
 Ion Ratio Lower Upper
 91 100
 126 35.5 16.1 48.2

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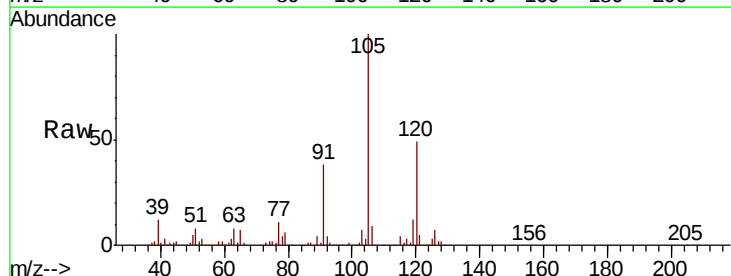


Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 125.95 (125.65 to 126.65): V

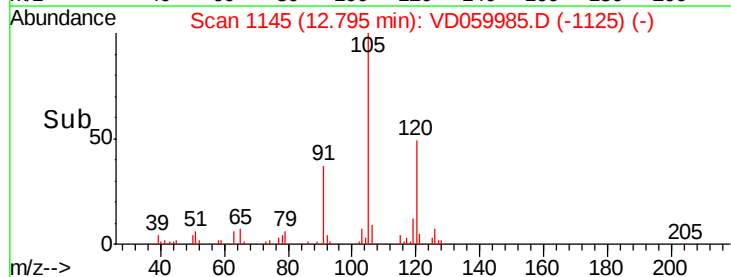
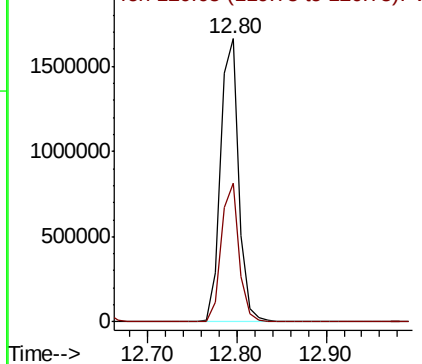


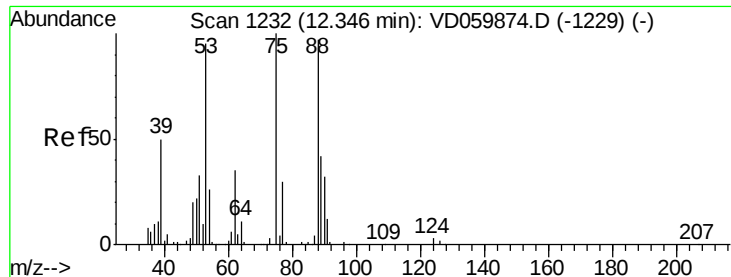
#80
 1,3,5-Trimethylbenzene
 Concen: 55.25 ug/l
 RT: 12.80 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: VD059985.D
 Acq: 10 Sep 2018 11:09

Tgt Ion: 105 Resp: 2388499
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.5 73.5



Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 46.46 ug/l

RT: 12.34 min Scan# 1099

Delta R.T. -0.00 min

Lab File: VD059985.D

Acq: 10 Sep 2018 11:09

Instrument :

MSVOA_D

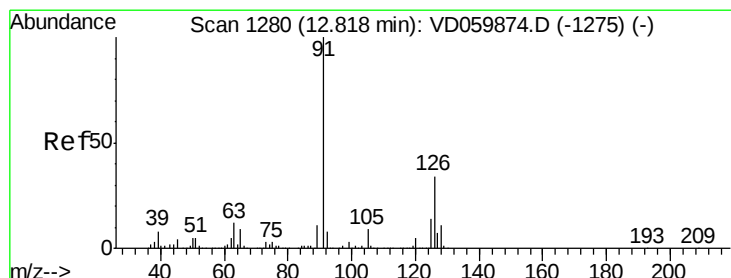
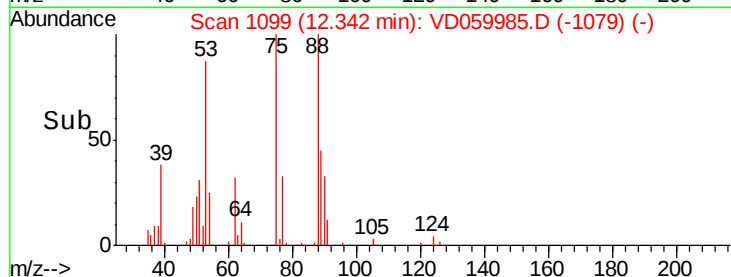
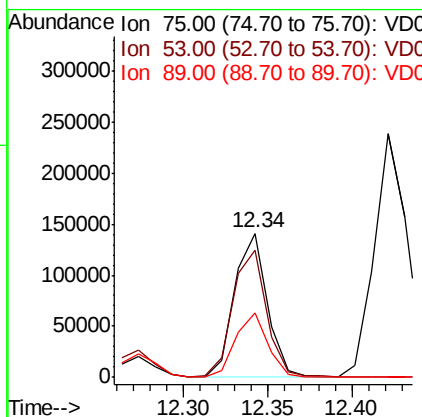
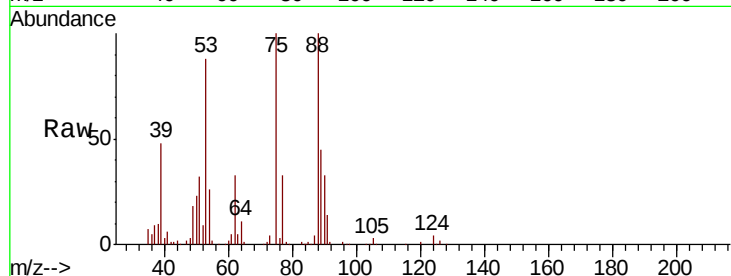
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	191344
Ion Ratio	Lower	Upper	
75	100		
53	88.1	75.8	113.6
89	44.9	33.6	50.4

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#82

4-Chlorotoluene

Concen: 54.09 ug/l

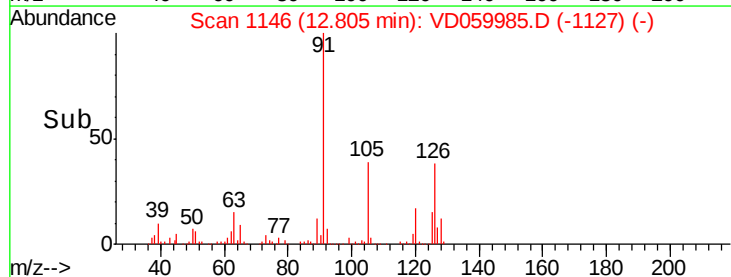
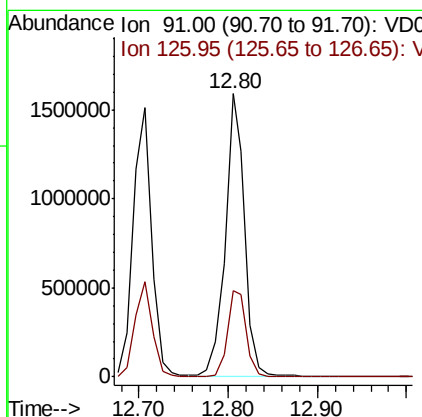
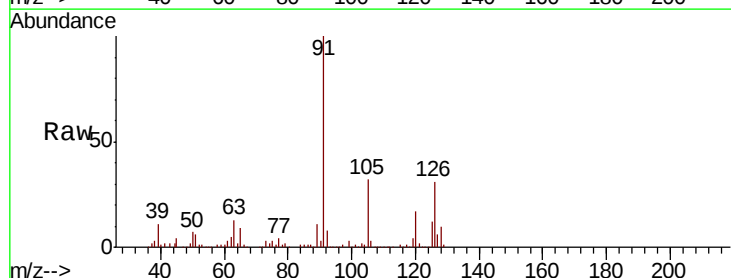
RT: 12.80 min Scan# 1146

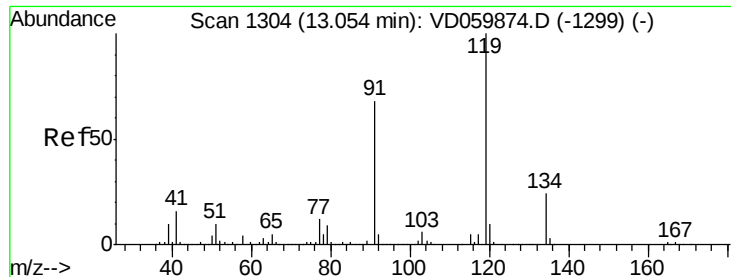
Delta R.T. -0.01 min

Lab File: VD059985.D

Acq: 10 Sep 2018 11:09

Tgt Ion:	91	Resp:	2402398
Ion Ratio	Lower	Upper	
91	100		
126	30.5	17.1	51.2





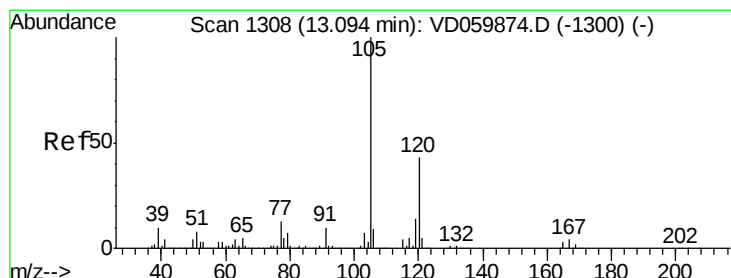
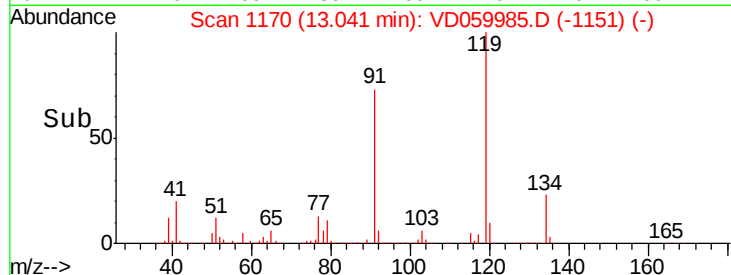
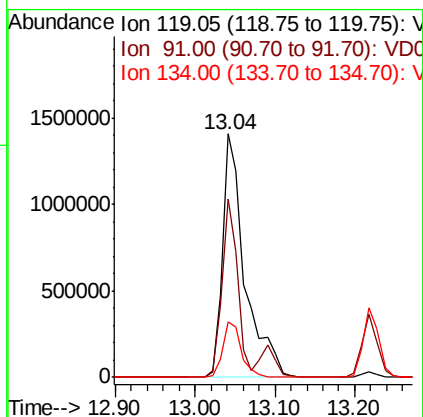
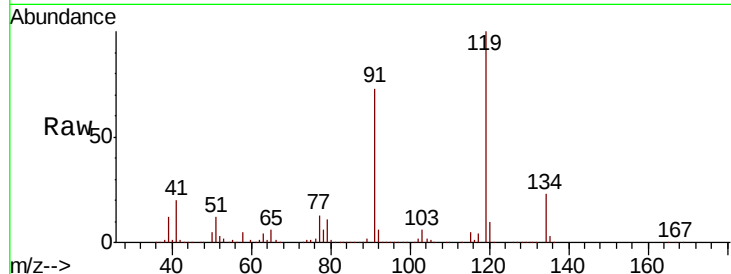
#83
tert-Butylbenzene
Concen: 56.28 ug/l
RT: 13.04 min Scan# 1170
Delta R.T. -0.01 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 2771999
Ion Ratio Lower Upper
119 100
91 73.4 34.3 102.9
134 22.6 11.9 35.9

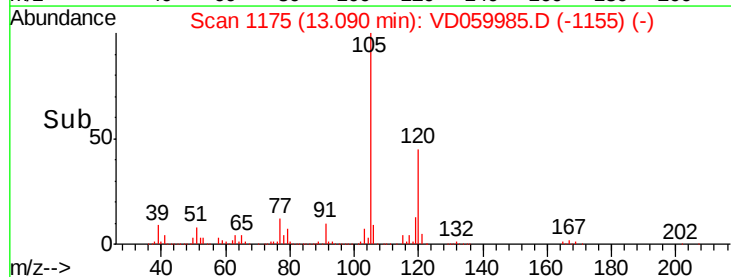
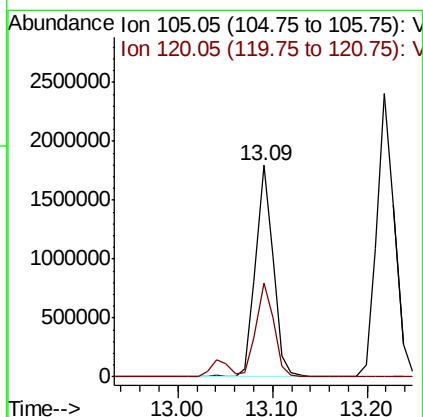
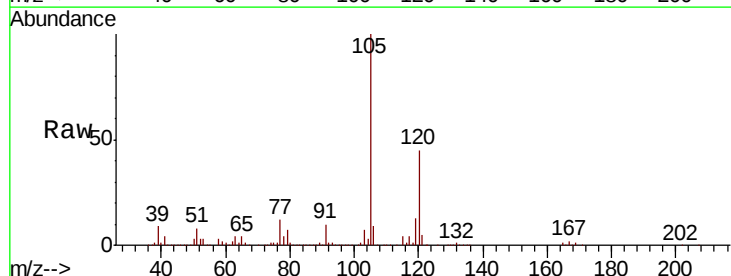
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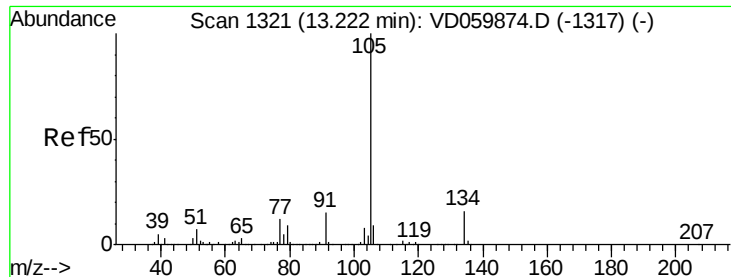
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#84
1,2,4-Trimethylbenzene
Concen: 51.69 ug/l
RT: 13.09 min Scan# 1175
Delta R.T. -0.00 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Tgt Ion:105 Resp: 2329071
Ion Ratio Lower Upper
105 100
120 44.5 21.8 65.3





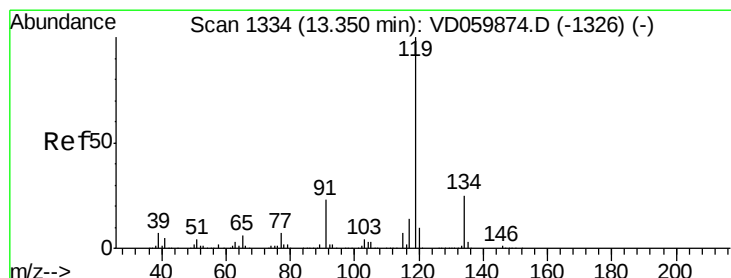
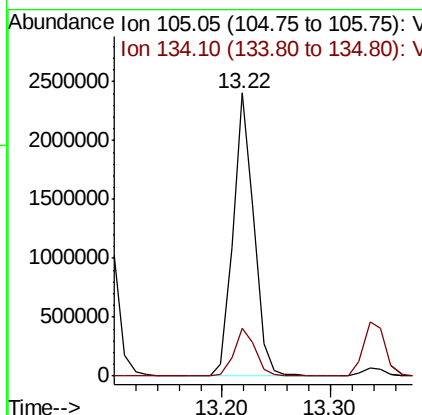
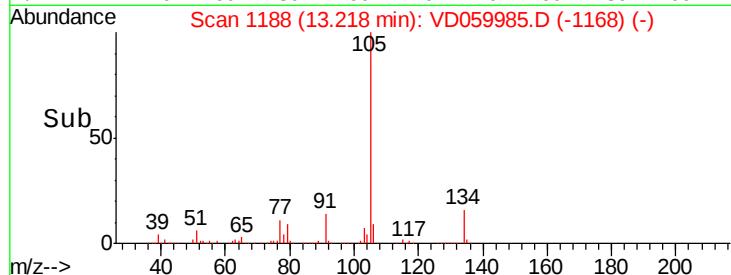
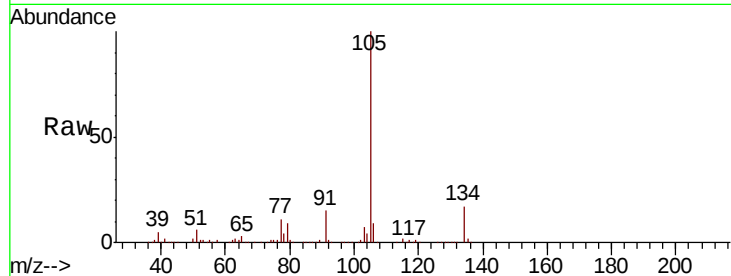
#85
 sec-Butylbenzene
 Concen: 55.11 ug/l
 RT: 13.22 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: VD059985.D
 Acq: 10 Sep 2018 11:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 3191996
 Ion Ratio Lower Upper
 105 100
 134 16.8 8.2 24.4

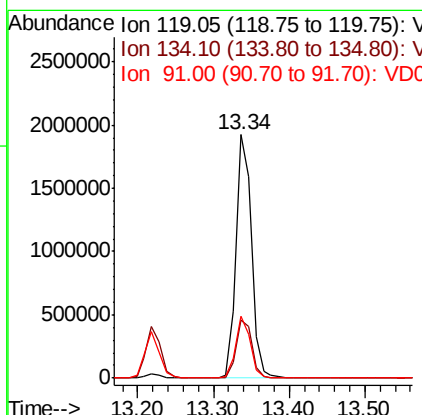
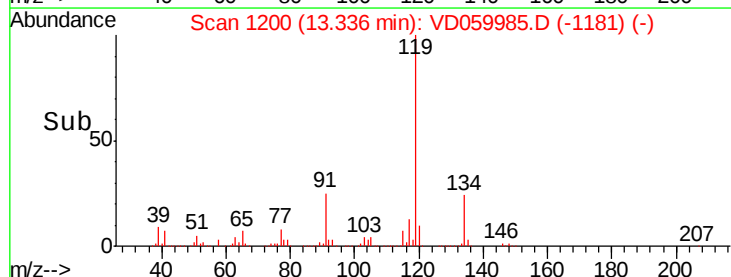
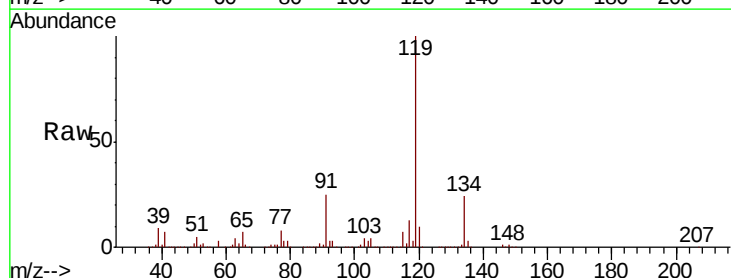
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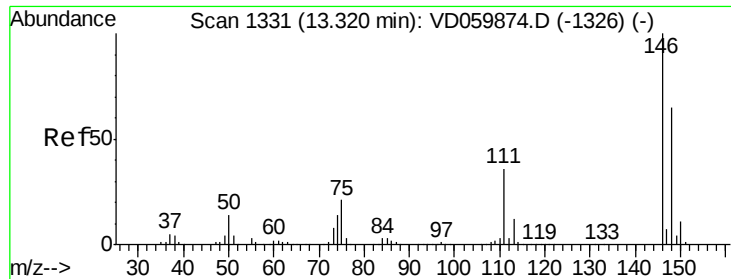
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#86
 p-Isopropyltoluene
 Concen: 56.35 ug/l
 RT: 13.34 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: VD059985.D
 Acq: 10 Sep 2018 11:09

Tgt Ion:119 Resp: 2653989
 Ion Ratio Lower Upper
 119 100
 134 24.0 12.7 38.1
 91 25.3 11.7 35.0





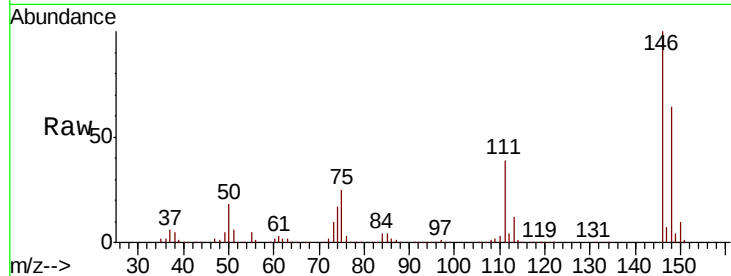
#87
 1,3-Dichlorobenzene
 Concen: 56.21 ug/l
 RT: 13.31 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: VD059985.D
 Acq: 10 Sep 2018 11:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	17.9	53.7
148	64.1	32.4	97.0

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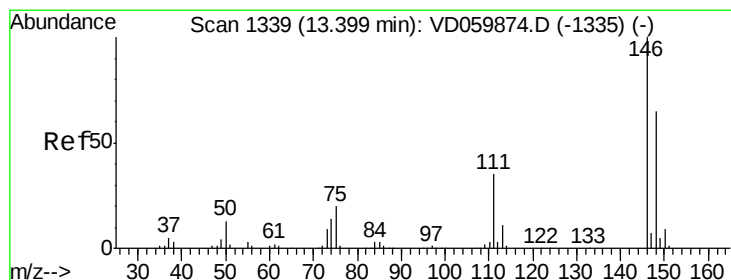
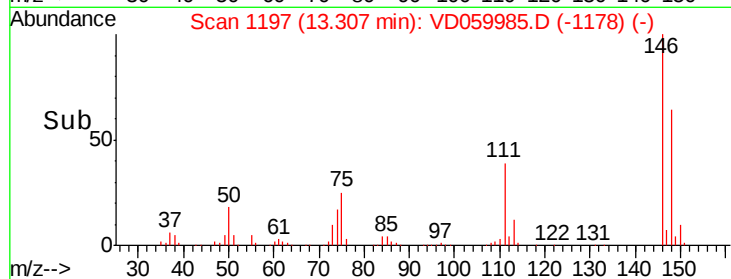
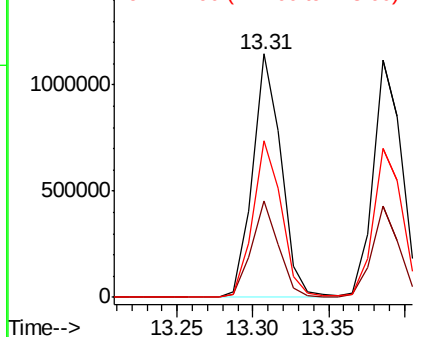


Abundance

Ion 145.95 (145.65 to 146.65): V

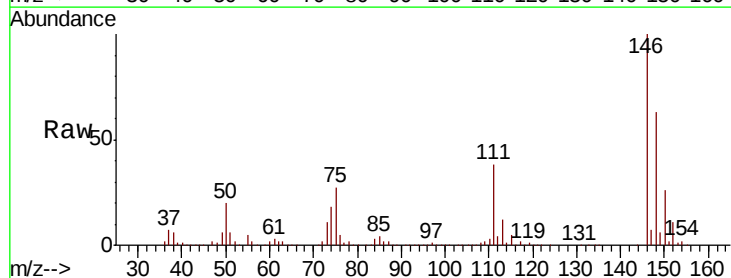
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88
 1,4-Dichlorobenzene
 Concen: 56.33 ug/l
 RT: 13.39 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: VD059985.D
 Acq: 10 Sep 2018 11:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	17.5	52.6
148	62.6	32.5	97.5

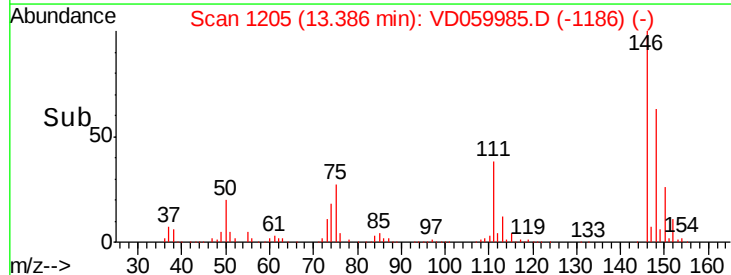
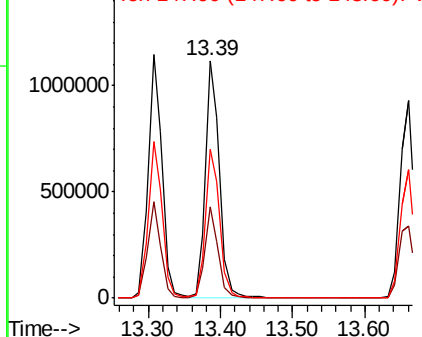


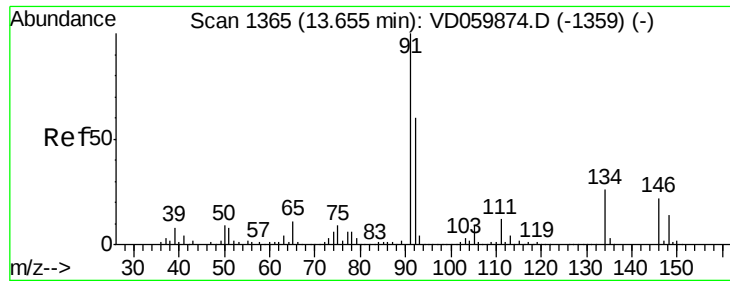
Abundance

Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





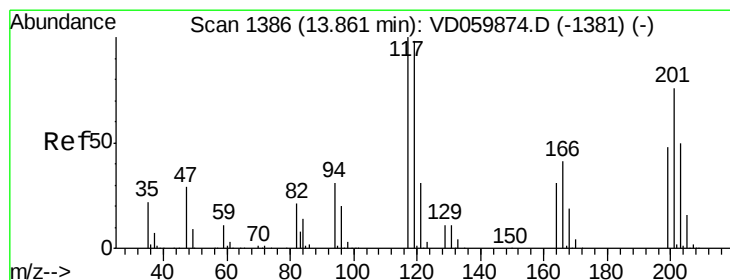
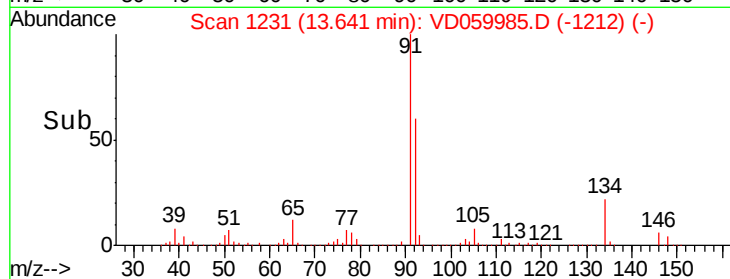
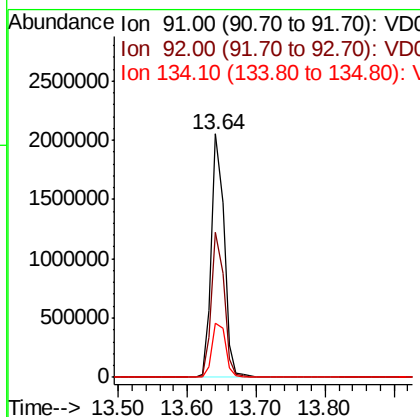
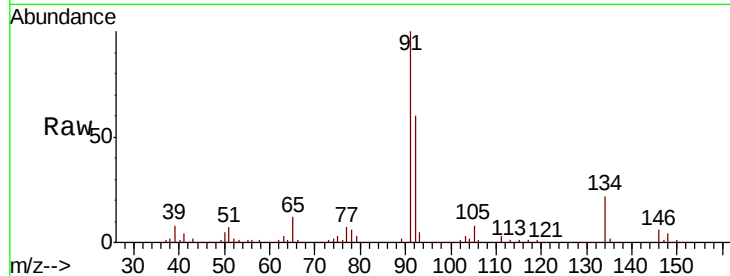
#89
n-Butylbenzene
Concen: 61.81 ug/l
RT: 13.64 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050

Tot Ion: 91 Resp: 2651180
Ion Ratio Lower Upper
91 100
92 59.8 30.0 90.1
134 22.3 12.8 38.4

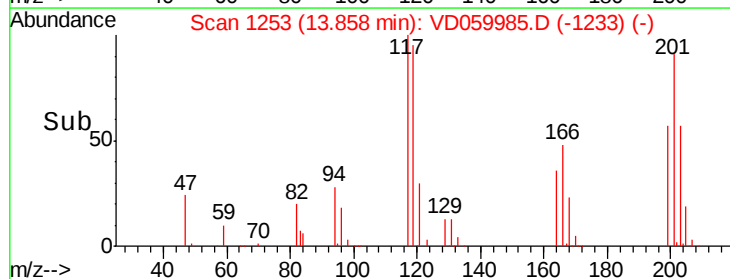
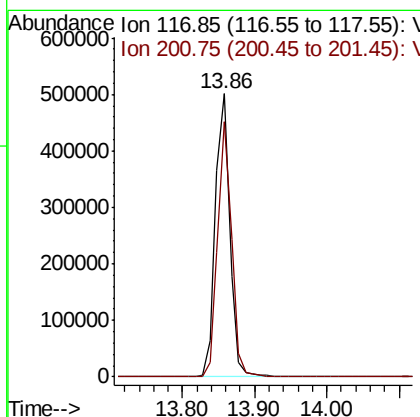
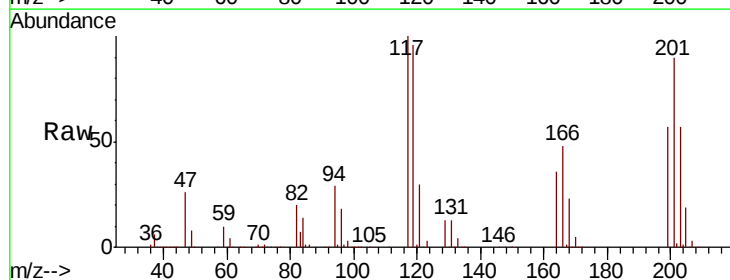
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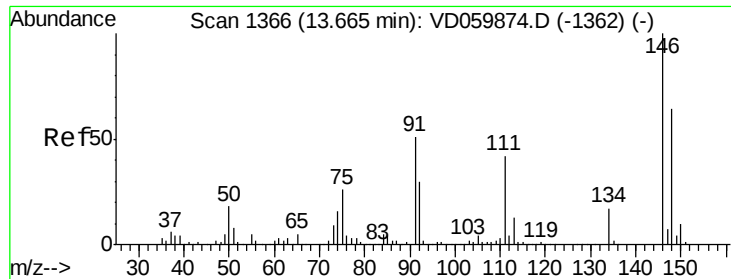
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#90
Hexachloroethane
Concen: 54.25 ug/l
RT: 13.86 min Scan# 1253
Delta R.T. -0.00 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Tgt Ion: 117 Resp: 686161
Ion Ratio Lower Upper
117 100
201 90.2 38.1 114.5





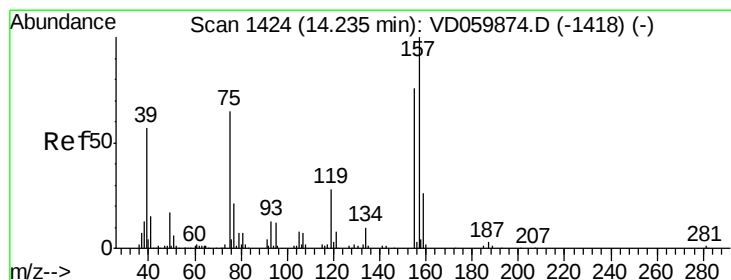
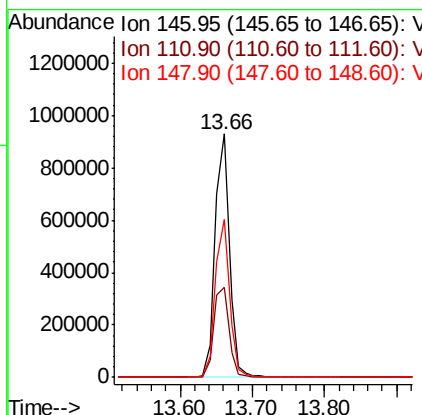
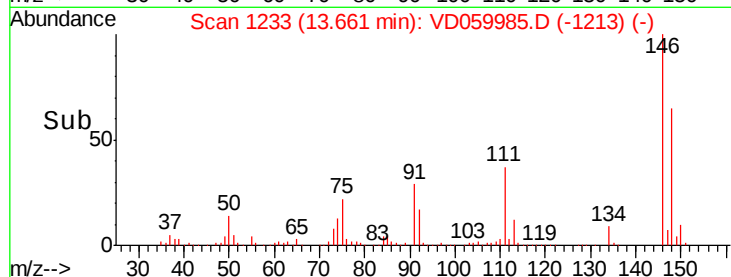
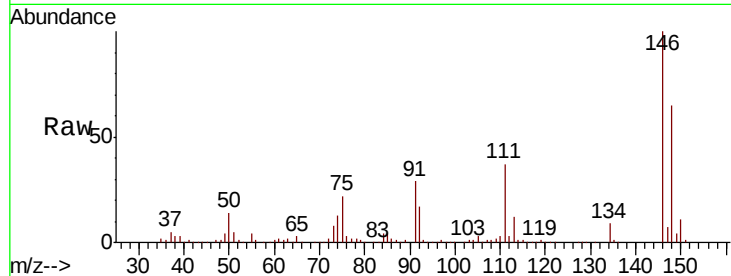
#91
 1,2-Dichlorobenzene
 Concen: 54.93 ug/l
 RT: 13.66 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: VD059985.D
 Acq: 10 Sep 2018 11:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 1257198
 Ion Ratio Lower Upper
 146 100
 111 36.7 21.1 63.1
 148 64.9 32.2 96.6

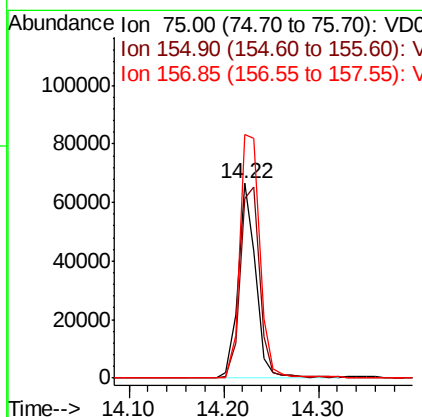
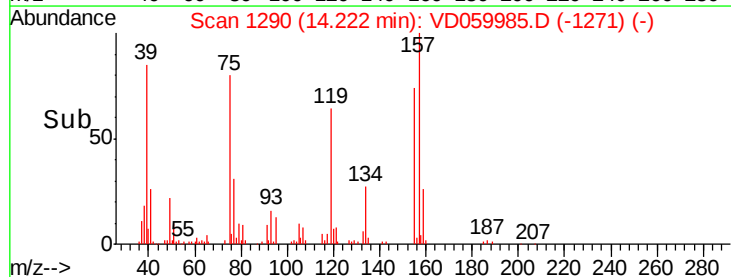
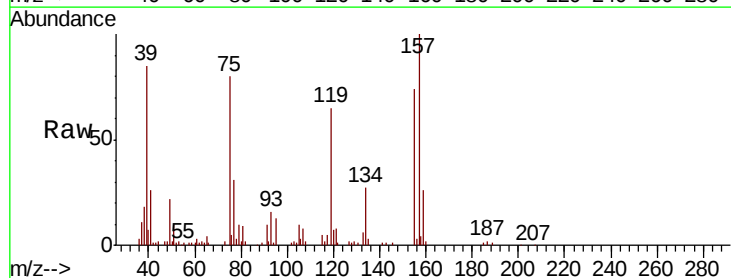
Manual Integrations
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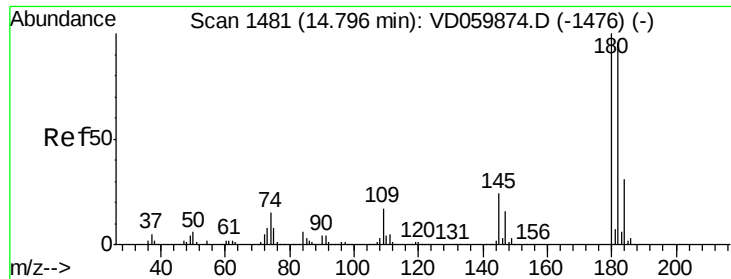
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.82 ug/l
 RT: 14.22 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: VD059985.D
 Acq: 10 Sep 2018 11:09

Tgt Ion: 75 Resp: 86680
 Ion Ratio Lower Upper
 75 100
 155 92.5 58.2 174.6
 157 125.0 76.8 230.4





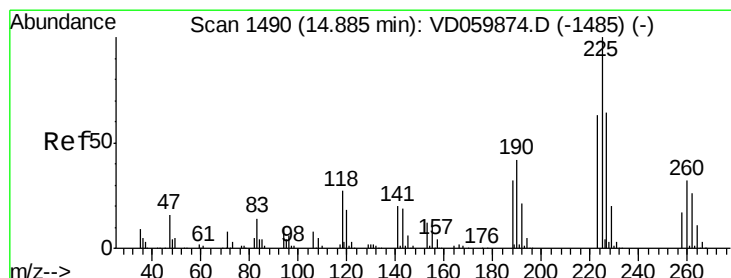
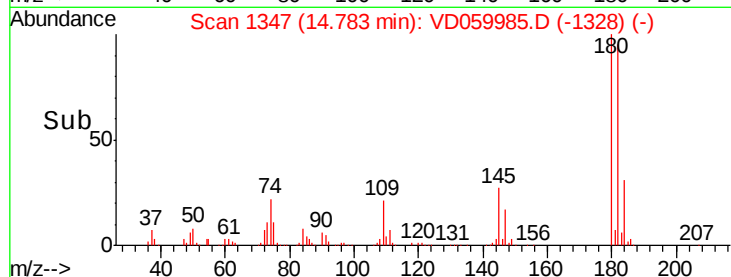
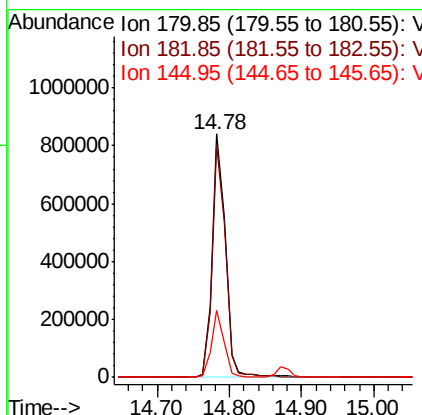
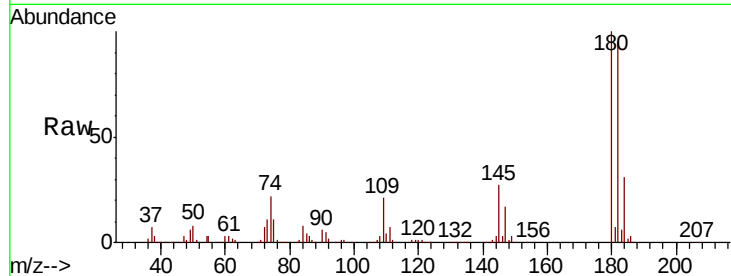
#93
 1,2,4-Trichlorobenzene
 Concen: 54.64 ug/l
 RT: 14.78 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VD059985.D
 Acq: 10 Sep 2018 11:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.9	143.7
145	27.4	12.2	36.4

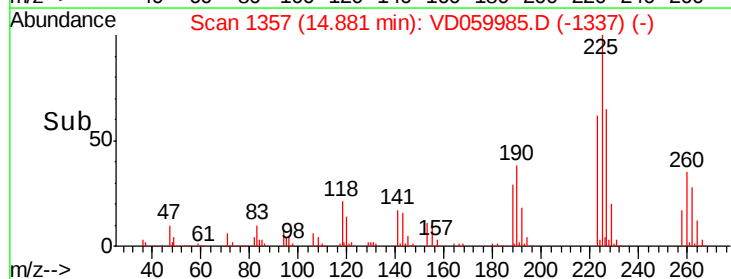
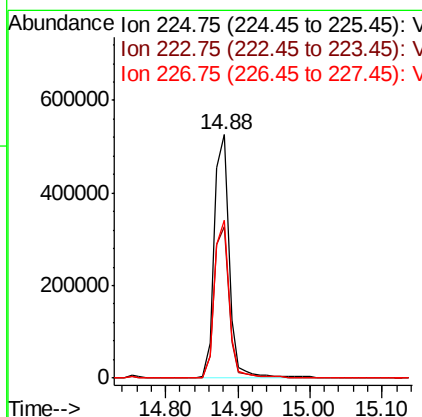
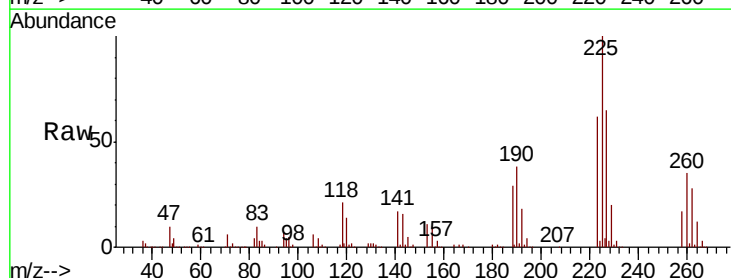
Manual Integrations
 APPROVED

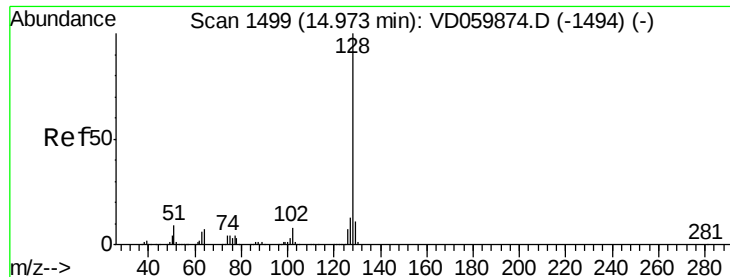
apatel
 9/11/2018 12:25:17 PM



#94
 Hexachlorobutadiene
 Concen: 58.27 ug/l
 RT: 14.88 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: VD059985.D
 Acq: 10 Sep 2018 11:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.6	94.8
227	64.9	32.0	96.0





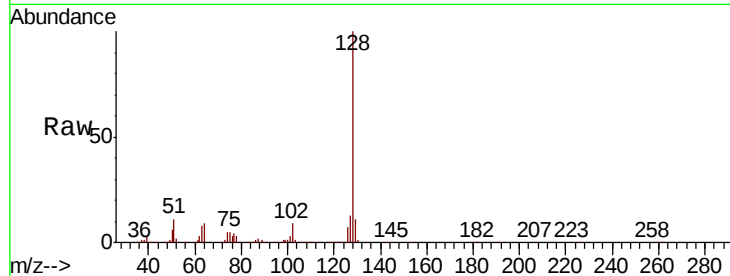
#95
Naphthalene
Concen: 50.95 ug/l
RT: 14.96 min Scan# 1365
Delta R.T. -0.01 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.0	15.0
129	11.2	8.6	13.0

Manual Integrations
APPROVED

apatel
9/11/2018 12:25:17 PM

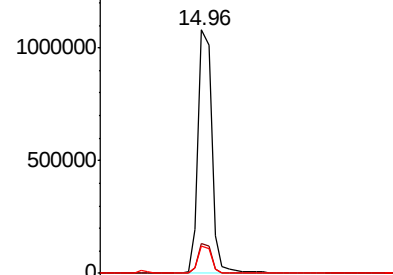


Abundance

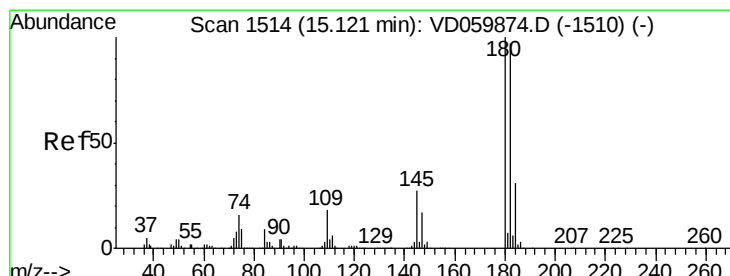
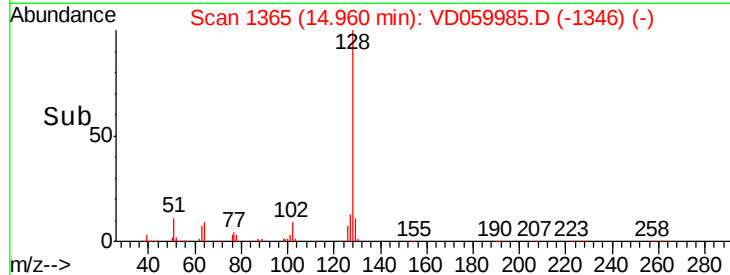
Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

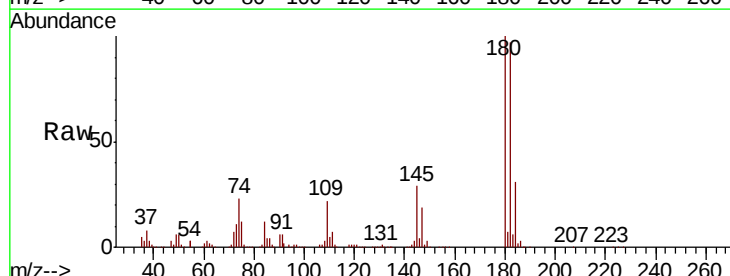


Time-->



#96
1,2,3-Trichlorobenzene
Concen: 53.97 ug/l
RT: 15.11 min Scan# 1380
Delta R.T. -0.01 min
Lab File: VD059985.D
Acq: 10 Sep 2018 11:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.6	145.8
145	28.9	13.6	40.8

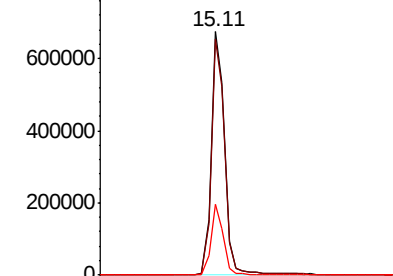


Abundance

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



Time-->

