

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100118\
 Data File : VD060100.D
 Acq On : 1 Oct 2018 16:53
 Operator : VA/AP
 Sample : VSTDIC010
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

apatel
 10/2/2018 11:37:17 AM

Quant Time: Oct 02 05:49:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1615717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.42	114	2197012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	1788319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	959193	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.75	65	115456	9.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.36%	
35) Dibromofluoromethane	6.29	113	163877	9.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.06%	
50) Toluene-d8	9.43	98	472834	9.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.66%	
62) 4-Bromofluorobenzene	12.41	95	179910	9.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.78%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.57	85	140331m	8.401	ug/l
3) Chloromethane	1.74	50	134250	8.980	ug/l
4) Vinyl Chloride	1.83	62	107164	8.930	ug/l
5) Bromomethane	2.12	94	16867	12.112	ug/l
6) Chloroethane	2.23	64	35065	13.142	ug/l
7) Trichlorofluoromethane	2.48	101	139778	10.587	ug/l
8) Diethyl Ether	2.80	74	26468	9.419	ug/l
9) 1,1,2-Trichlorotrifluoroet	3.06	101	84266	10.163	ug/l
10) Methyl Iodide	3.22	142	77636	8.775	ug/l
11) Tert butyl alcohol	3.94	59	39130	39.154	ug/l
12) 1,1-Dichloroethene	3.04	96	66862	10.183	ug/l
13) Acrolein	2.96	56	29898	48.425	ug/l
14) Allyl chloride	3.51	41	142889	10.345	ug/l
15) Acrylonitrile	4.05	53	182361	48.143	ug/l
16) Acetone	3.13	43	122093	51.131	ug/l
17) Carbon Disulfide	3.28	76	217321	9.628	ug/l
18) Methyl Acetate	3.53	43	47096	9.577	ug/l
19) Methyl tert-butyl Ether	4.09	73	284735	9.397	ug/l
20) Methylene Chloride	3.68	84	230006	11.295	ug/l
21) trans-1,2-Dichloroethene	4.07	96	169802	9.842	ug/l
22) Diisopropyl ether	4.83	45	606512	9.671	ug/l
23) Vinyl Acetate	4.78	43	1758144	49.401	ug/l
24) 1,1-Dichloroethane	4.73	63	272559	9.627	ug/l
25) 2-Butanone	5.59	43	288732	44.819	ug/l
26) 2,2-Dichloropropane	5.55	77	220190	10.049	ug/l
27) cis-1,2-Dichloroethene	5.56	96	184852	10.250	ug/l
28) Bromochloromethane	5.90	49	136833	9.944	ug/l
29) Tetrahydrofuran	5.93	42	158447	45.862	ug/l
30) Chloroform	6.08	83	284980	9.967	ug/l
31) Cyclohexane	6.34	56	284084	10.365	ug/l
32) 1,1,1-Trichloroethane	6.26	97	232219	9.825	ug/l
36) 1,1-Dichloropropene	6.50	75	223207	10.384	ug/l
37) Ethyl Acetate	5.67	43	139667	9.410	ug/l
38) Carbon Tetrachloride	6.47	117	198987	9.969	ug/l

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.01	83	251212	10.300	ug/l	97
40) Benzene	6.76	78	572084	10.429	ug/l	100
41) Methacrylonitrile	5.91	41	78327m	9.918	ug/l	
42) 1,2-Dichloroethane	6.87	62	163407	9.932	ug/l	99
43) Isopropyl Acetate	8.33	43	182709	9.290	ug/l #	99
44) Trichloroethene	7.72	130	174352	10.233	ug/l	93
45) 1,2-Dichloropropane	8.08	63	147994	10.079	ug/l	99
46) Dibromomethane	8.19	93	92468	9.688	ug/l	93
47) Bromodichloromethane	8.47	83	198422	9.617	ug/l	97
48) Methyl methacrylate	8.22	41	106489	9.712	ug/l	97
49) 1,4-Dioxane	8.21	88	19032	174.429	ug/l #	92
51) 4-Methyl-2-Pentanone	9.32	43	591744	43.859	ug/l	95
52) Toluene	9.53	92	366450	10.350	ug/l	100
53) t-1,3-Dichloropropene	9.90	75	177498	9.212	ug/l	98
54) cis-1,3-Dichloropropene	9.09	75	221807	9.648	ug/l	99
55) 1,1,2-Trichloroethane	10.16	97	121587	9.902	ug/l	98
56) Ethyl methacrylate	10.01	69	124336	9.186	ug/l	93
57) 1,3-Dichloropropane	10.37	76	177545	9.818	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.90	63	394888	59.161	ug/l	95
59) 2-Hexanone	10.47	43	438202	45.008	ug/l	100
60) Dibromochloromethane	10.62	129	135585	9.152	ug/l	94
61) 1,2-Dibromoethane	10.74	107	120711	9.524	ug/l	99
64) Tetrachloroethene	10.24	164	162484	10.432	ug/l	98
65) Chlorobenzene	11.30	112	406217	10.682	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.41	131	133940	10.469	ug/l	99
67) Ethyl Benzene	11.42	91	682513	11.178	ug/l	100
68) m/p-Xylenes	11.56	106	519383	23.096	ug/l	97
69) o-Xylene	11.92	106	243857	10.873	ug/l	88
70) Styrene	11.94	104	408126	10.838	ug/l	95
71) Bromoform	12.11	173	97736	8.926	ug/l	99
73) Isopropylbenzene	12.26	105	659396	10.579	ug/l	99
74) N-amyl acetate	12.13	43	226270	9.224	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.55	83	136426	9.657	ug/l	96
76) 1,2,3-Trichloropropane	12.59	75	136472	9.466	ug/l	100
77) Bromobenzene	12.53	156	187035	10.357	ug/l	88
78) n-propylbenzene	12.63	91	842567	10.783	ug/l	98
79) 2-Chlorotoluene	12.70	91	453428	10.300	ug/l	99
80) 1,3,5-Trimethylbenzene	12.79	105	500032	10.472	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.33	75	34639	7.974	ug/l	98
82) 4-Chlorotoluene	12.80	91	517757	10.696	ug/l	94
83) tert-Butylbenzene	13.03	119	582378	10.505	ug/l	96
84) 1,2,4-Trimethylbenzene	13.08	105	539574	10.557	ug/l	94
85) sec-Butylbenzene	13.21	105	698718	10.681	ug/l	97
86) p-Isopropyltoluene	13.33	119	590126	11.146	ug/l	96
87) 1,3-Dichlorobenzene	13.30	146	337297	10.761	ug/l	99
88) 1,4-Dichlorobenzene	13.38	146	339871	10.699	ug/l	98
89) n-Butylbenzene	13.63	91	590985	11.459	ug/l	97
90) Hexachloroethane	13.85	117	120534	9.206	ug/l	82
91) 1,2-Dichlorobenzene	13.65	146	296133	11.448	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.22	75	16813	7.791	ug/l	80

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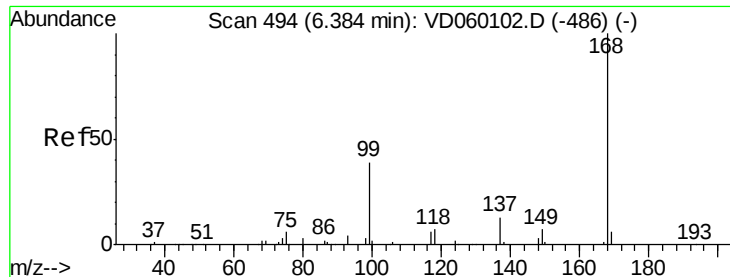
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.77	180	233696	10.462	ug/l	97
94) Hexachlorobutadiene	14.87	225	157549	10.645	ug/l	98
95) Naphthalene	14.96	128	336009	9.754	ug/l	99
96) 1,2,3-Trichlorobenzene	15.11	180	199727	10.209	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.38 min Scan# 493

Delta R.T. -0.00 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 1615717

Ion Ratio Lower Upper

168 100

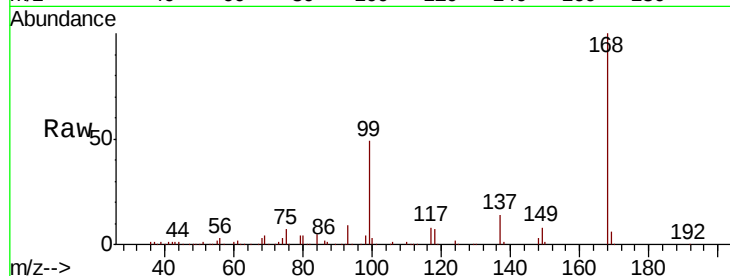
99 48.5 35.4 53.0

Manual Integrations

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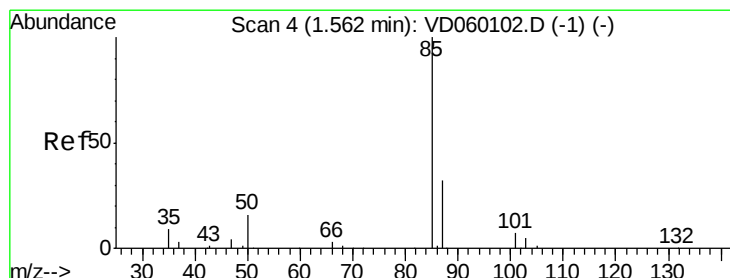
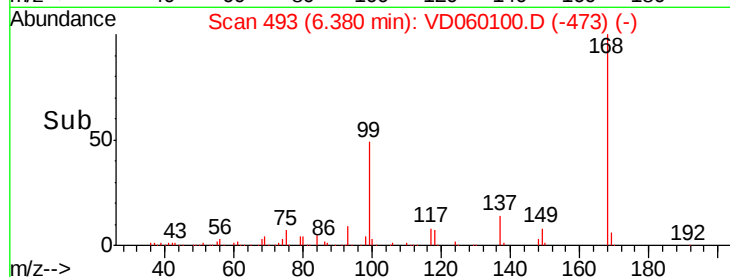
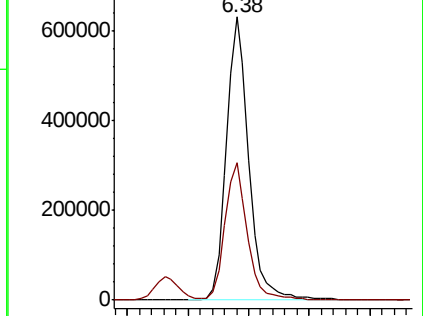
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 8.401 ug/l m

RT: 1.57 min Scan# 4

Delta R.T. 0.01 min

Lab File: VD060100.D

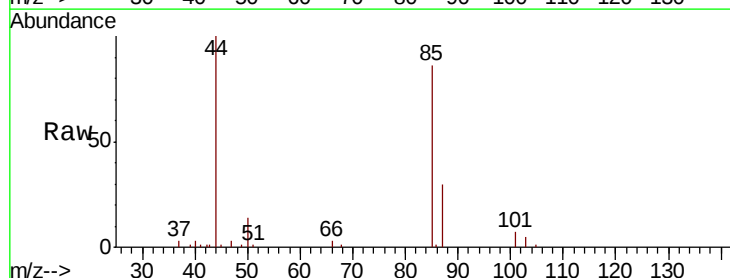
Acq: 1 Oct 2018 16:53

Tgt Ion: 85 Resp: 140331

Ion Ratio Lower Upper

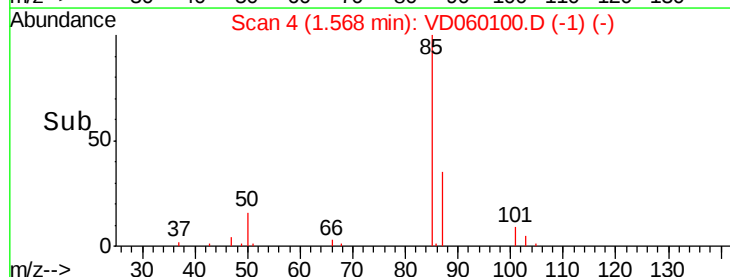
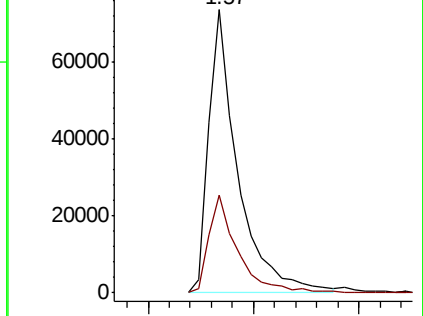
85 100

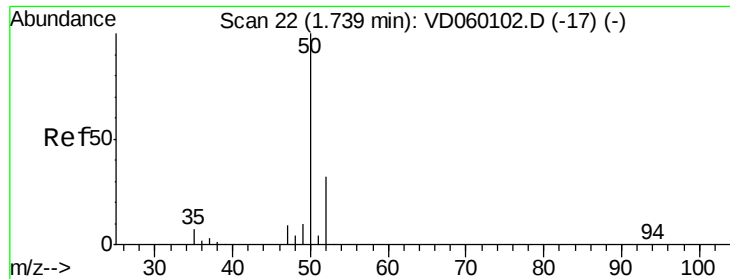
87 34.7 15.9 47.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 8.980 ug/l

RT: 1.74 min Scan# 21

Delta R.T. -0.00 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 134250

Ion Ratio Lower Upper

50 100

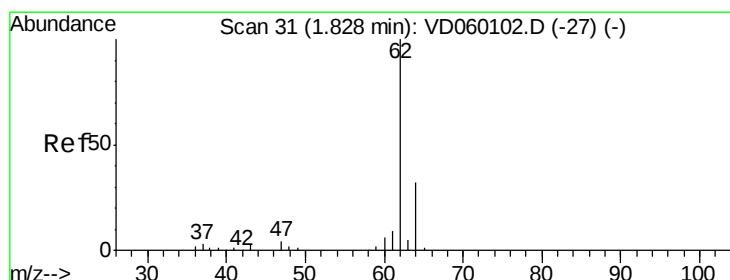
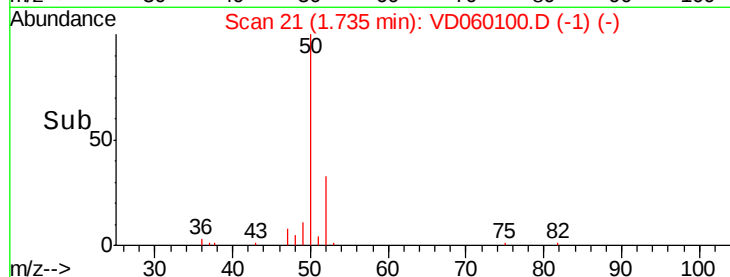
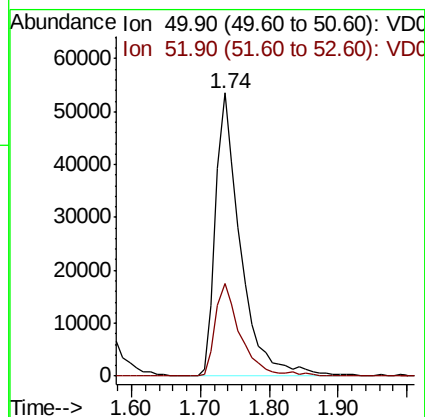
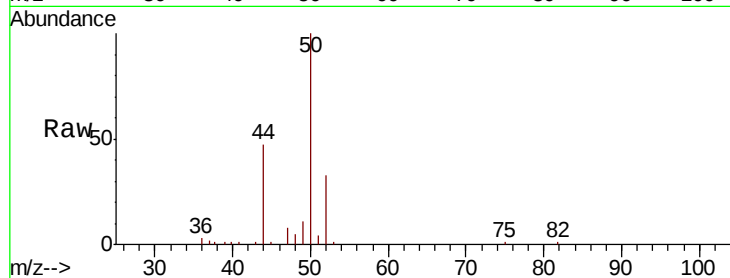
52 32.9 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 8.930 ug/l

RT: 1.83 min Scan# 31

Delta R.T. 0.01 min

Lab File: VD060100.D

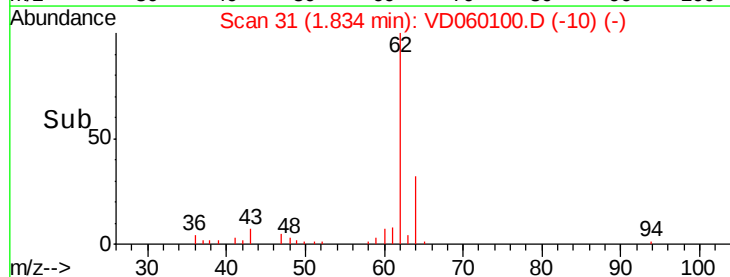
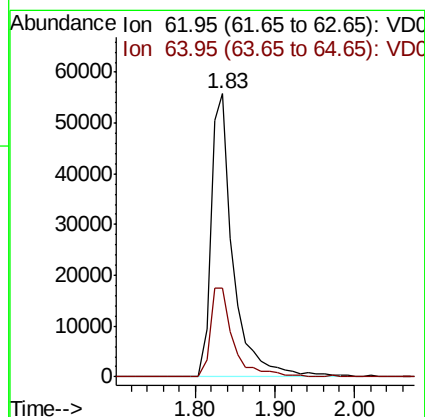
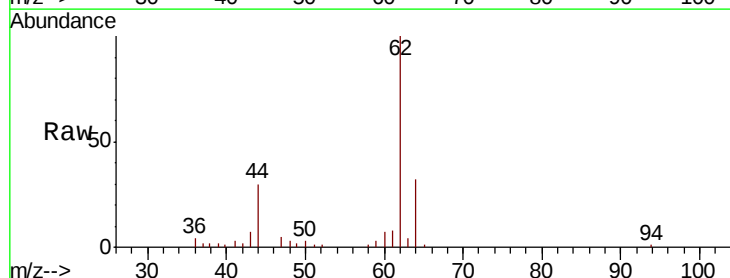
Acq: 1 Oct 2018 16:53

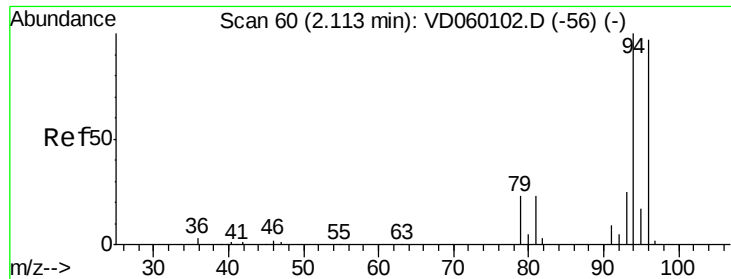
Tgt Ion: 62 Resp: 107164

Ion Ratio Lower Upper

62 100

64 31.6 25.2 37.8





#5

Bromomethane

Concen: 12.112 ug/l

RT: 2.12 min Scan# 60

Delta R.T. 0.01 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Instrument :

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ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 16867

Ion Ratio Lower Upper

94 100

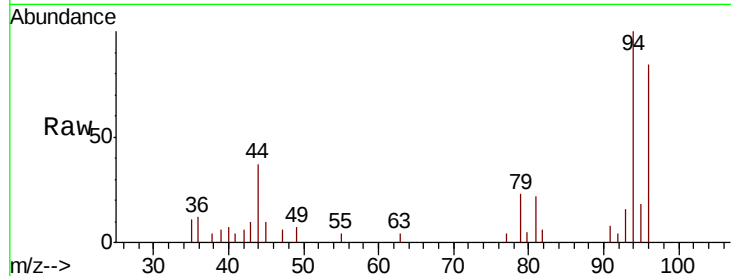
96 83.6 77.4 116.2

Manual Integrations

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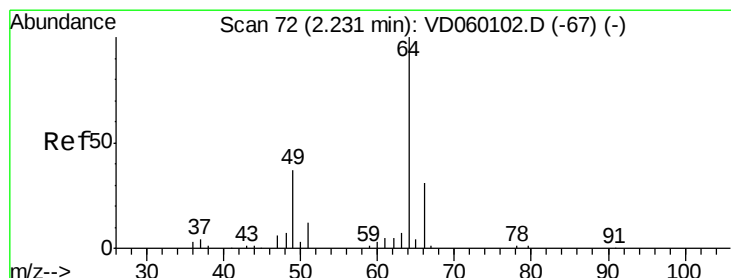
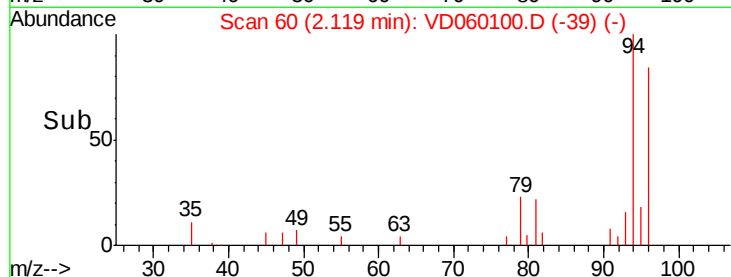
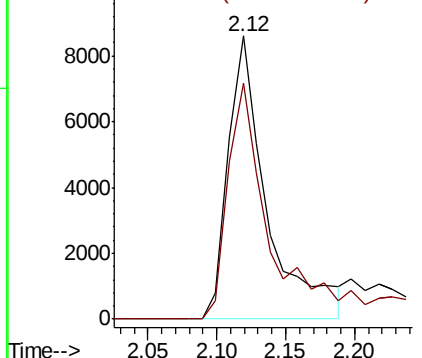
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 13.142 ug/l

RT: 2.23 min Scan# 71

Delta R.T. -0.00 min

Lab File: VD060100.D

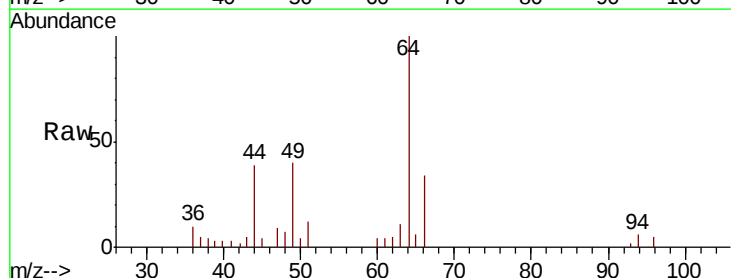
Acq: 1 Oct 2018 16:53

Tgt Ion: 64 Resp: 35065

Ion Ratio Lower Upper

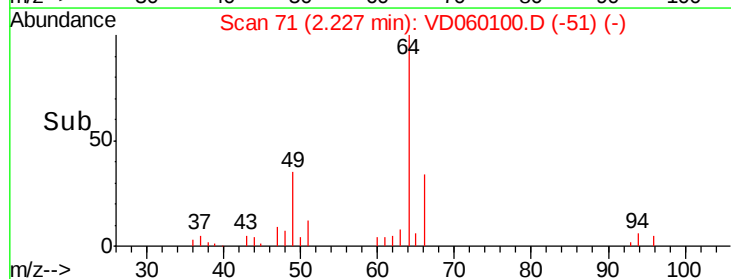
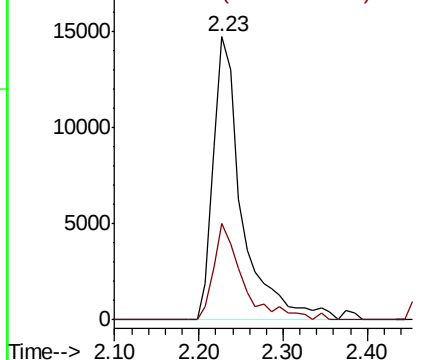
64 100

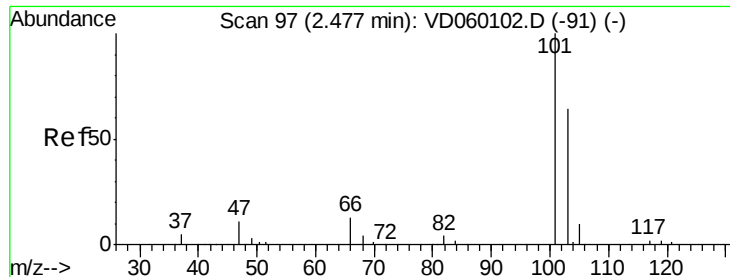
66 34.3 24.6 37.0



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

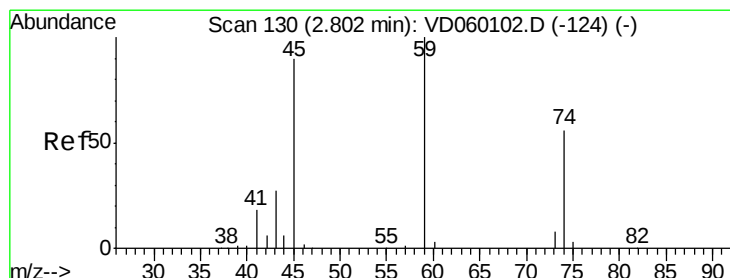
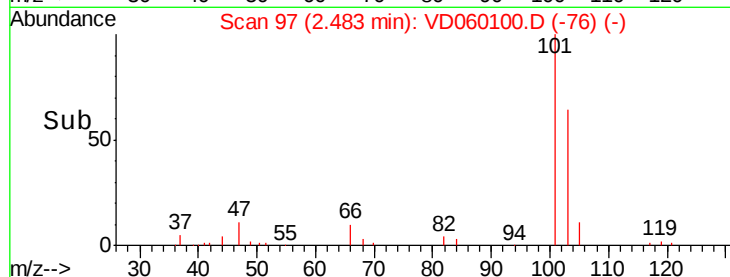
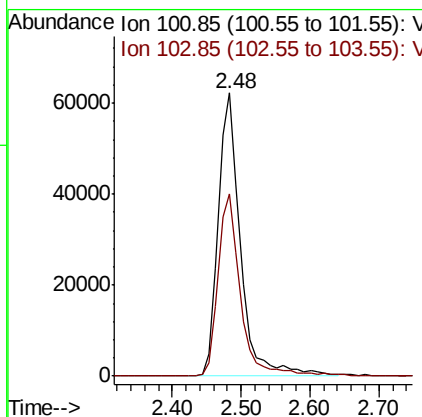
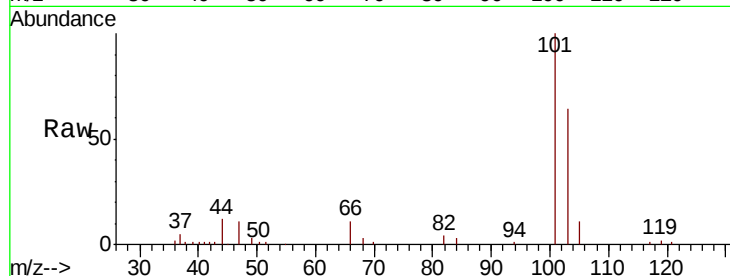
Trichlorofluoromethane
Concen: 10.587 ug/l
RT: 2.48 min Scan# 97
Delta R.T. 0.01 min
Lab File: VD060100.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	139778		
103	64.3	51.5	77.3	

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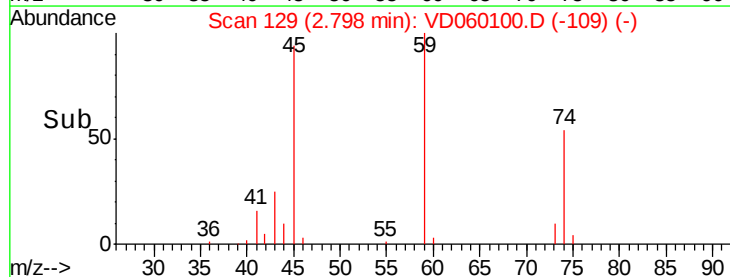
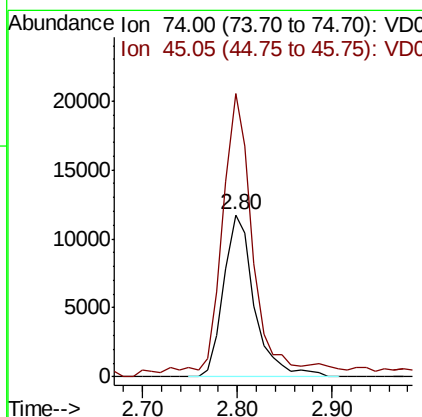
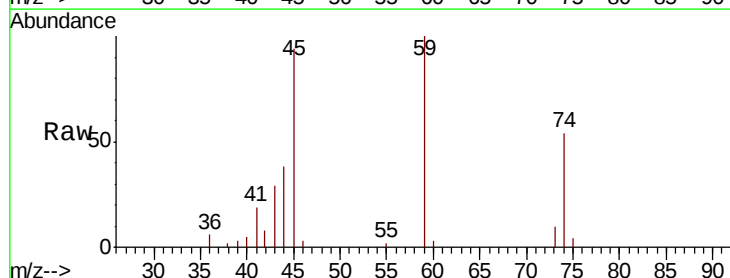
apatel
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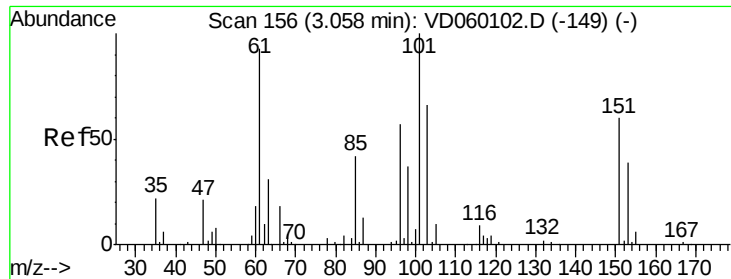


#8

Diethyl Ether
Concen: 9.419 ug/l
RT: 2.80 min Scan# 129
Delta R.T. -0.00 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	26468		
45	175.0	80.3	241.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.163 ug/l

RT: 3.06 min Scan# 156

Delta R.T. 0.01 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Instrument :

MSVOA_D

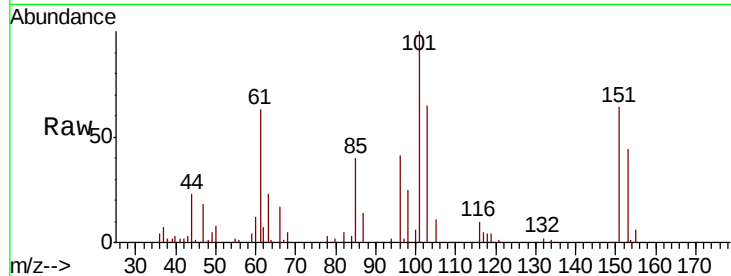
ClientSampleId :

VSTDIC010

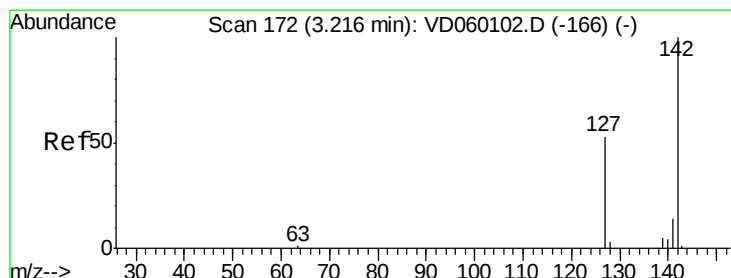
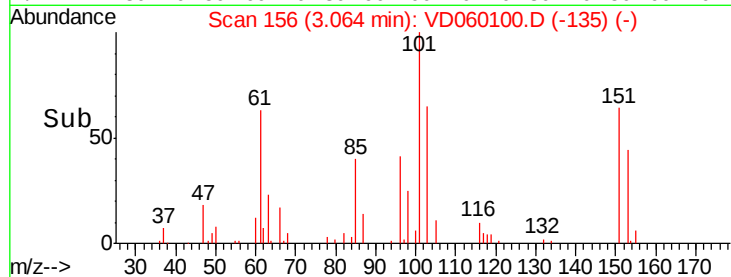
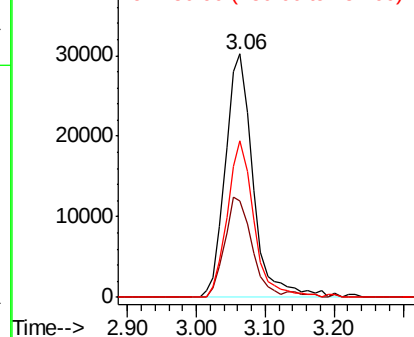
Tot Ion:	101	Resp:	84266
Ion Ratio	Lower	Upper	
101	100		
85	39.7	33.4	50.0
151	64.2	48.0	72.0

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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: 8.775 ug/l

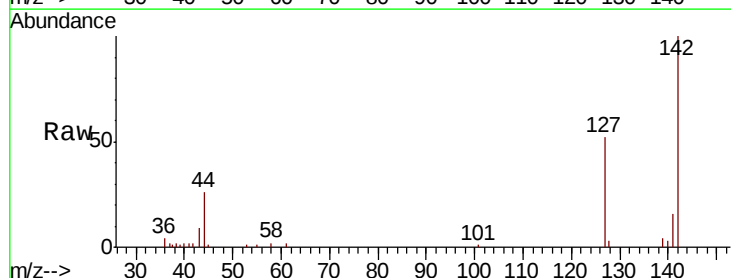
RT: 3.22 min Scan# 172

Delta R.T. 0.01 min

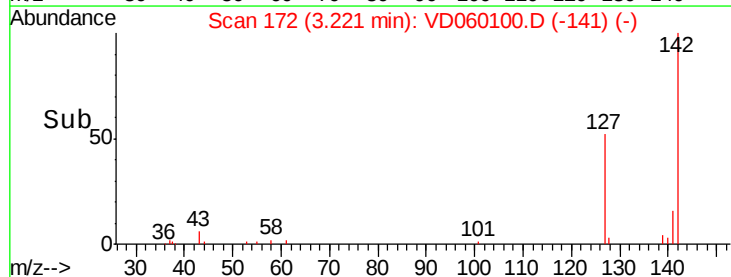
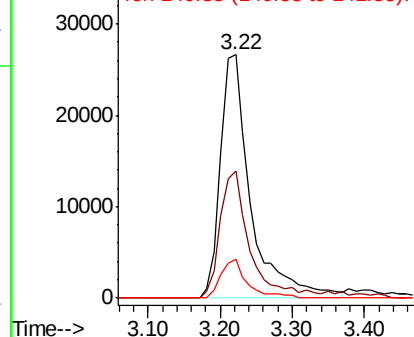
Lab File: VD060100.D

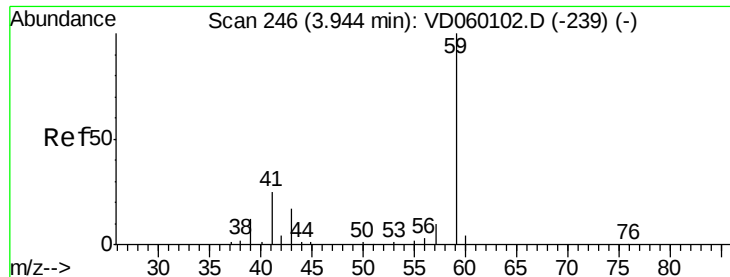
Acq: 1 Oct 2018 16:53

Tgt Ion:	142	Resp:	77636
Ion Ratio	Lower	Upper	
142	100		
127	52.2	42.0	63.0
141	16.0	11.4	17.0



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





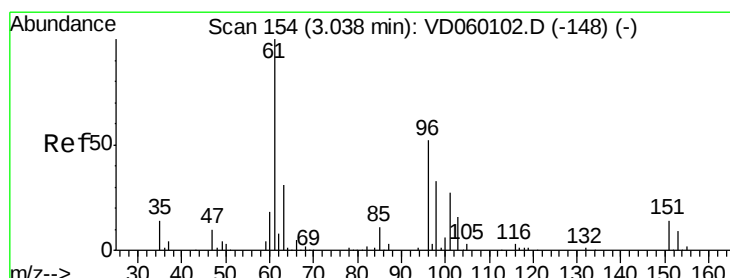
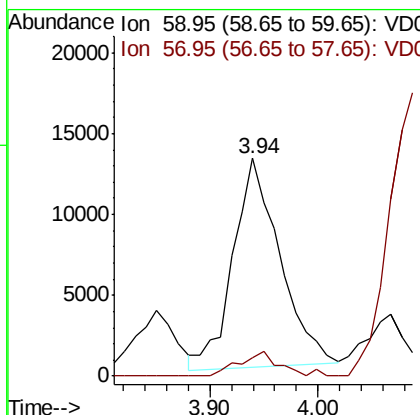
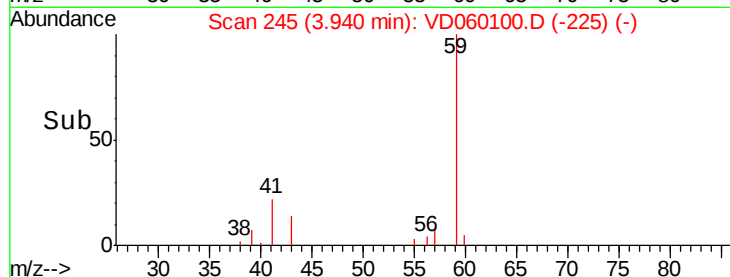
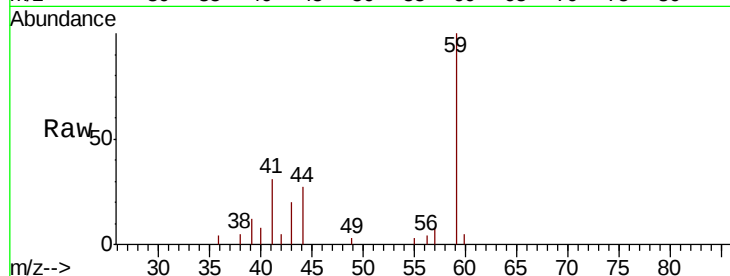
#11
Tert butyl alcohol
Concen: 39.154 ug/l
RT: 3.94 min Scan# 245
Delta R.T. -0.00 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 59 Resp: 39130
Ion Ratio Lower Upper
59 100
57 8.4 7.8 11.6

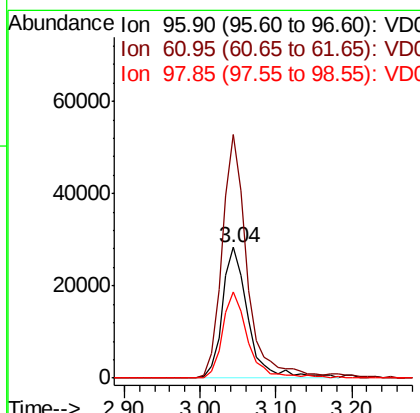
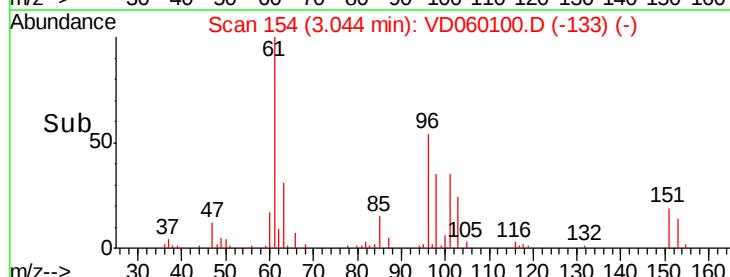
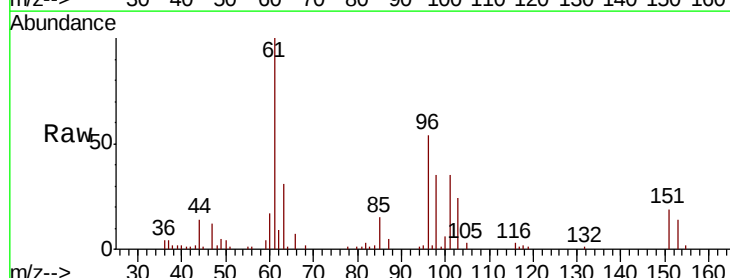
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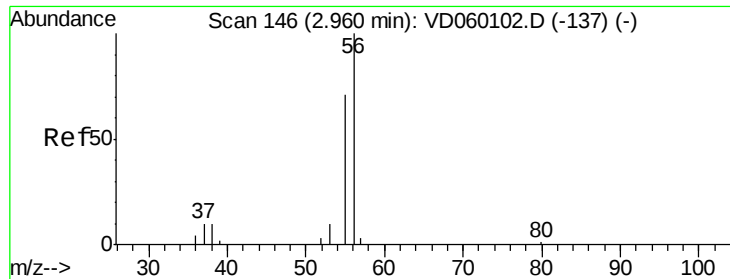
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#12
1,1-Dichloroethene
Concen: 10.183 ug/l
RT: 3.04 min Scan# 154
Delta R.T. 0.01 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Tgt Ion: 96 Resp: 66862
Ion Ratio Lower Upper
96 100
61 186.0 153.0 229.4
98 65.4 51.1 76.7





#13

Acrolein

Concen: 48.425 ug/l

RT: 2.96 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 29898

Ion Ratio Lower Upper

56 100

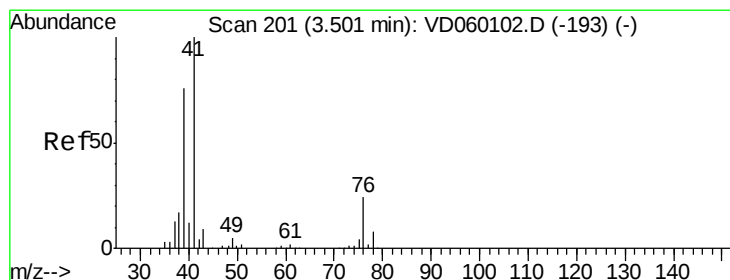
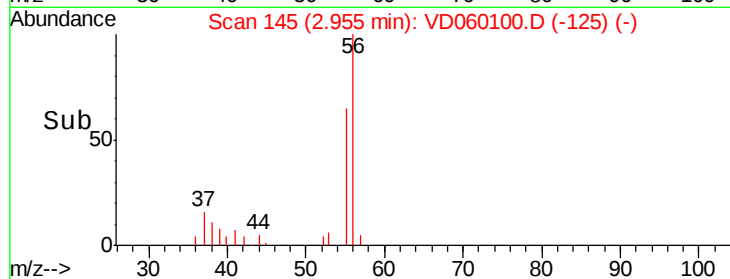
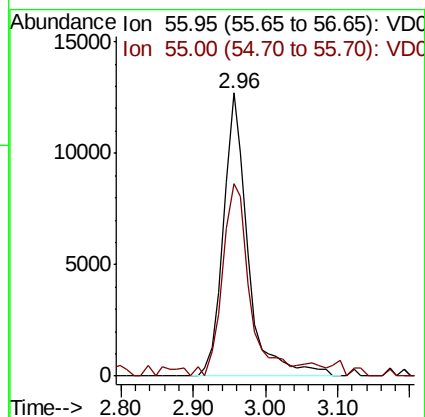
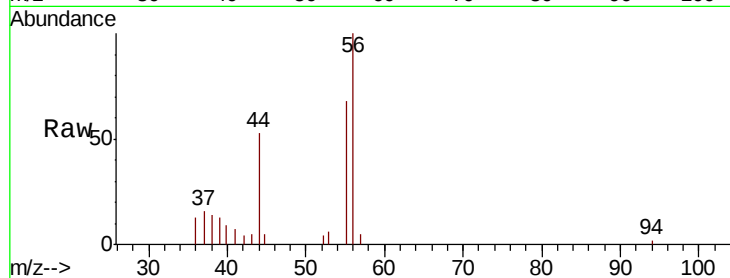
55 68.0 57.4 86.2

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#14

Allyl chloride

Concen: 10.345 ug/l

RT: 3.51 min Scan# 201

Delta R.T. 0.01 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

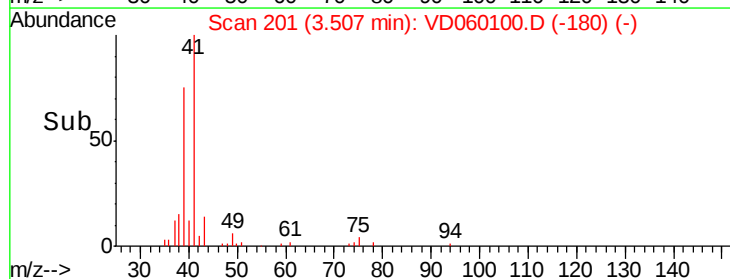
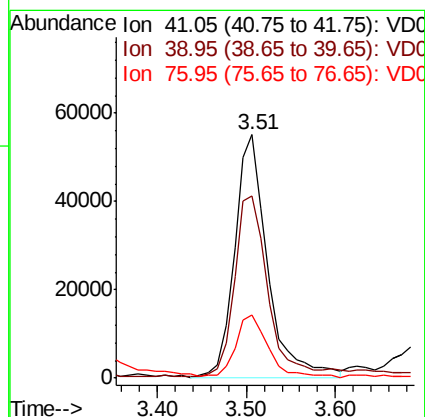
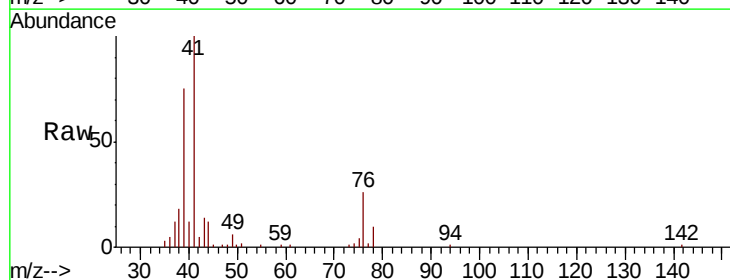
Tgt Ion: 41 Resp: 142889

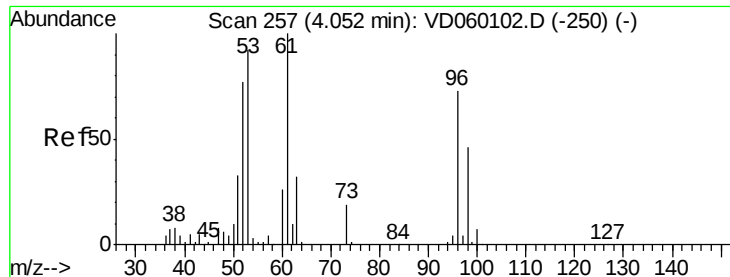
Ion Ratio Lower Upper

41 100

39 74.8 60.6 90.8

76 26.0 21.3 31.9





#15

Acrylonitrile

Concen: 48.143 ug/l

RT: 4.05 min Scan# 256

Delta R.T. -0.00 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Instrument :

MSVOA_D

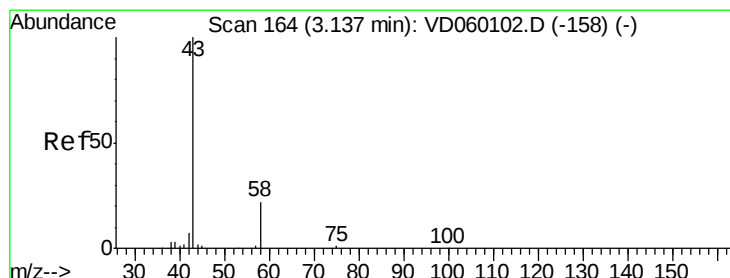
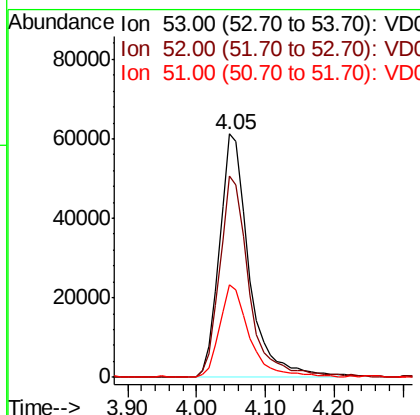
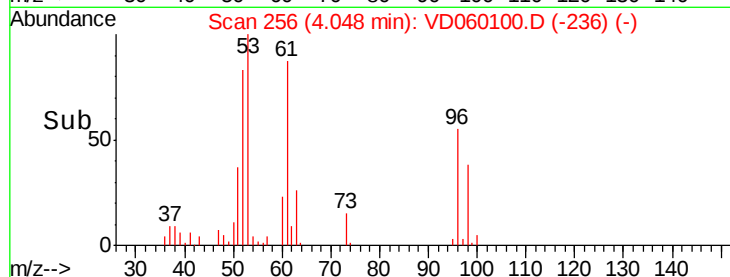
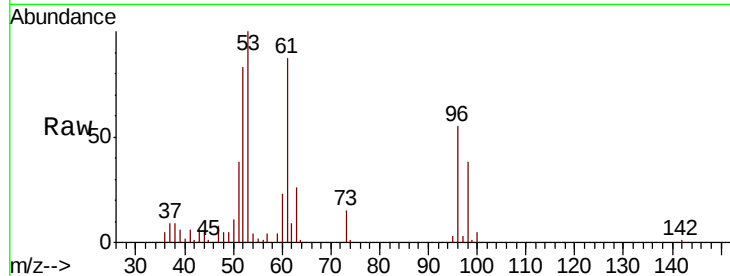
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	182361
Ion Ratio	Lower	Upper	
53	100		
52	83.0	67.5	101.3
51	38.0	29.3	43.9

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#16

Acetone

Concen: 51.131 ug/l

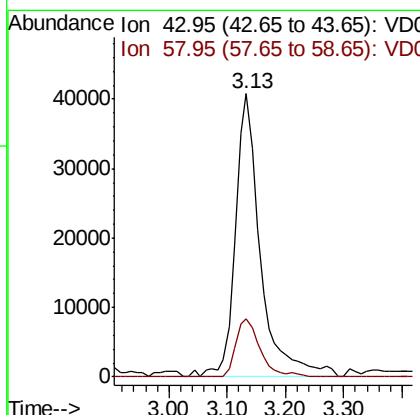
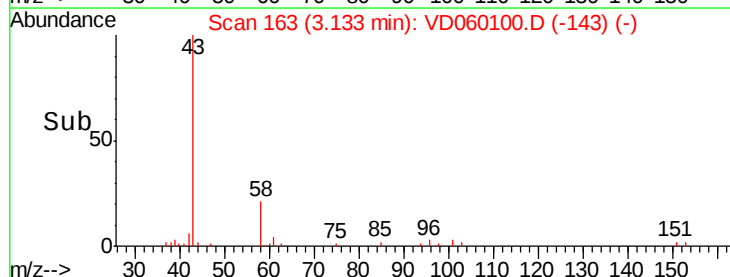
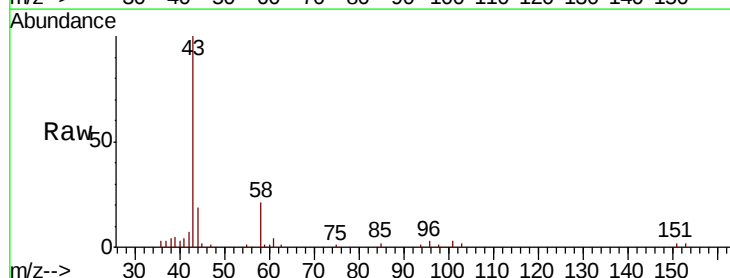
RT: 3.13 min Scan# 163

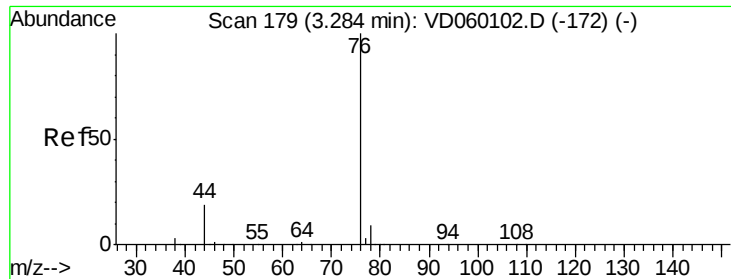
Delta R.T. -0.00 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Tgt Ion:	43	Resp:	122093
Ion Ratio	Lower	Upper	
43	100		
58	20.7	17.7	26.5





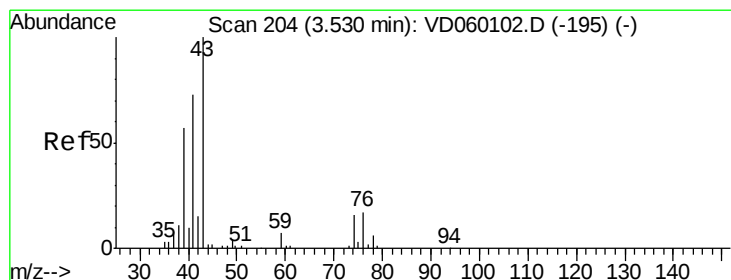
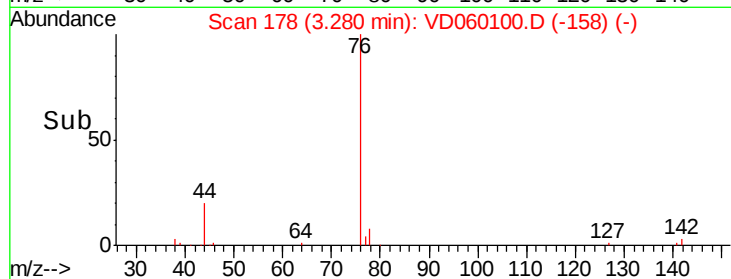
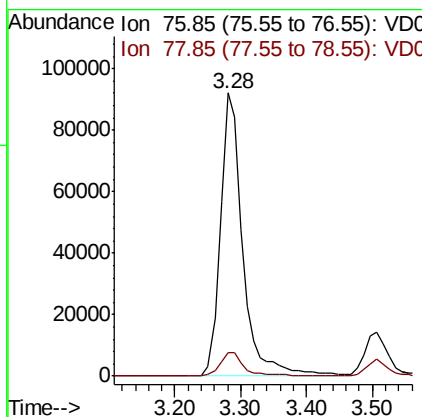
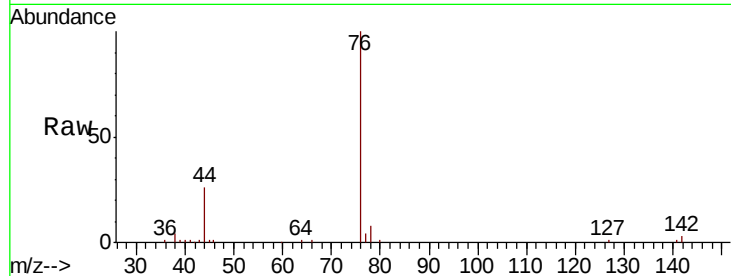
#17
Carbon Disulfide
Concen: 9.628 ug/l
RT: 3.28 min Scan# 178
Delta R.T. -0.00 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.4	11.2

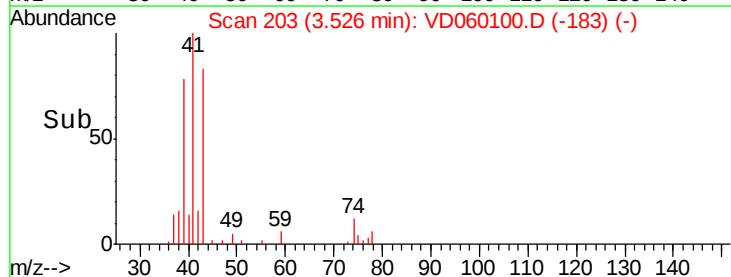
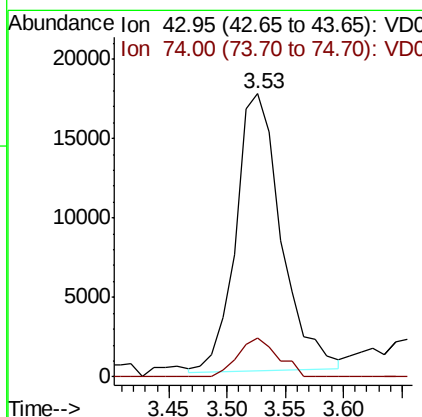
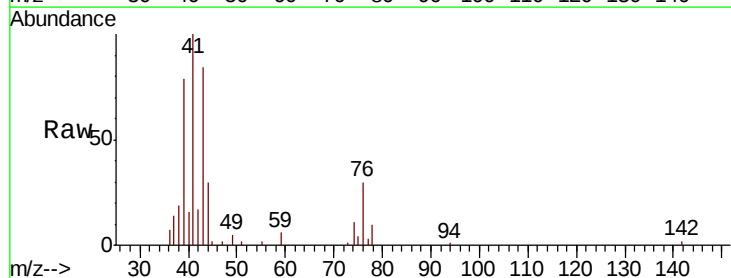
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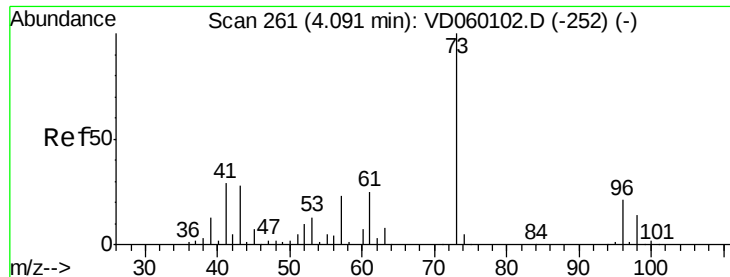
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#18
Methyl Acetate
Concen: 9.577 ug/l
RT: 3.53 min Scan# 203
Delta R.T. -0.00 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	13.6	12.6	19.0





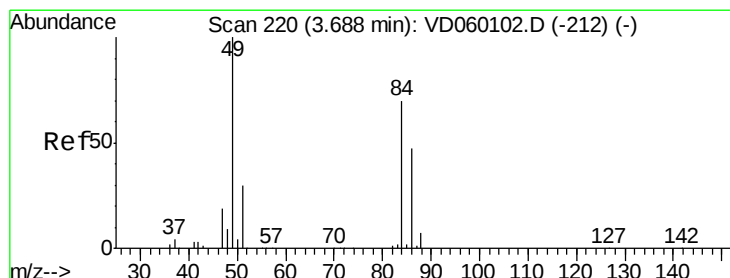
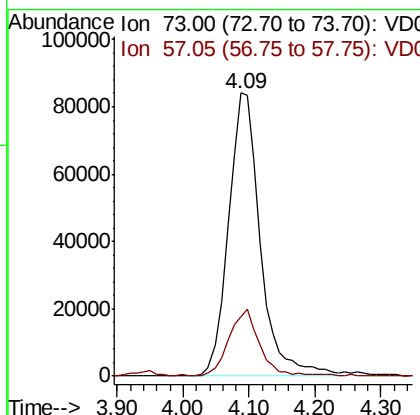
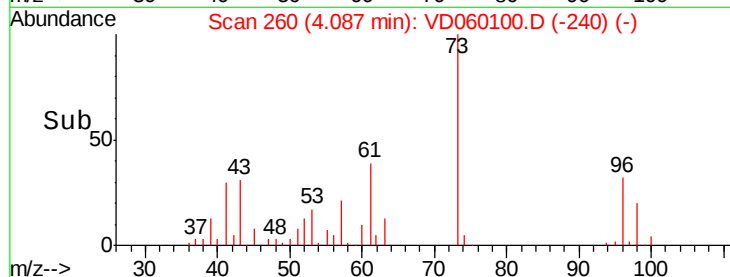
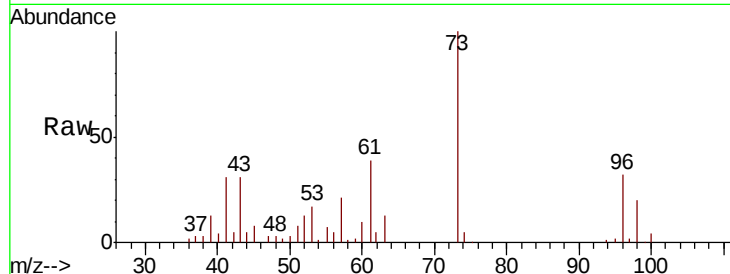
#19
Methvl tert-butvl Ether
Concen: 9.397 ug/l
RT: 4.09 min Scan# 260
Delta R.T. -0.00 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 73 Resp: 284735
Ion Ratio Lower Upper
73 100
57 20.8 18.7 28.1

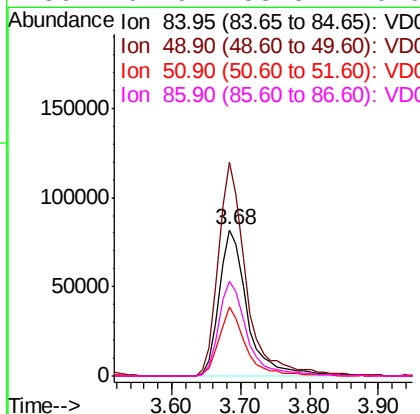
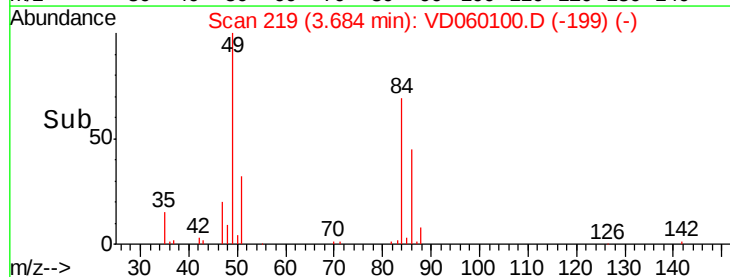
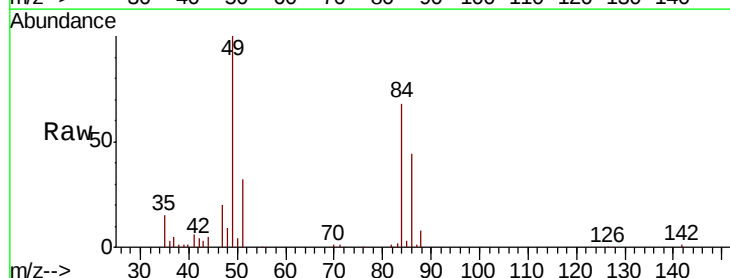
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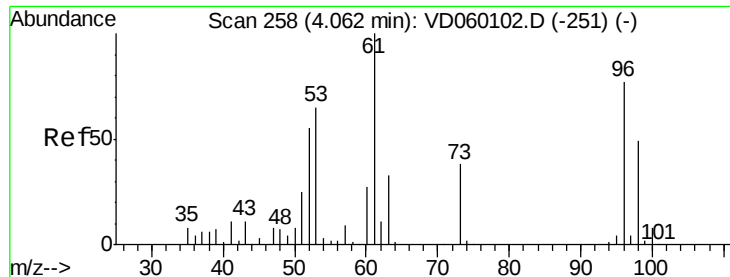
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#20
Methylene Chloride
Concen: 11.295 ug/l
RT: 3.68 min Scan# 219
Delta R.T. -0.00 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Tgt Ion: 84 Resp: 230006
Ion Ratio Lower Upper
84 100
49 146.0 114.6 172.0
51 47.2 33.8 50.8
86 64.9 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 9.842 ug/l

RT: 4.07 min Scan# 258

Delta R.T. 0.01 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Instrument :

MSVOA_D

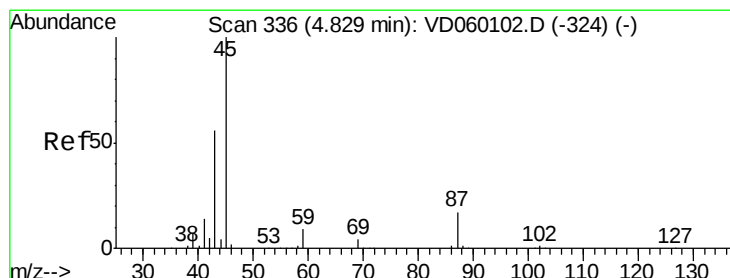
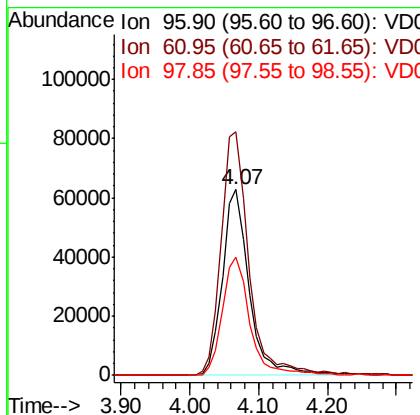
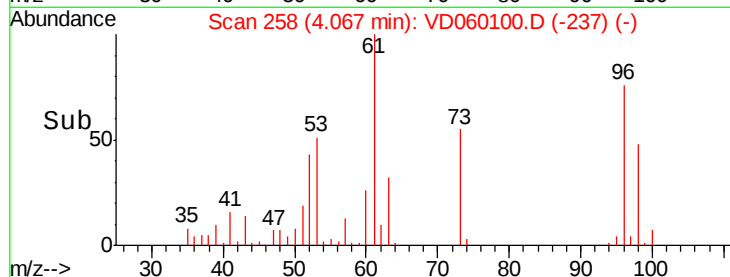
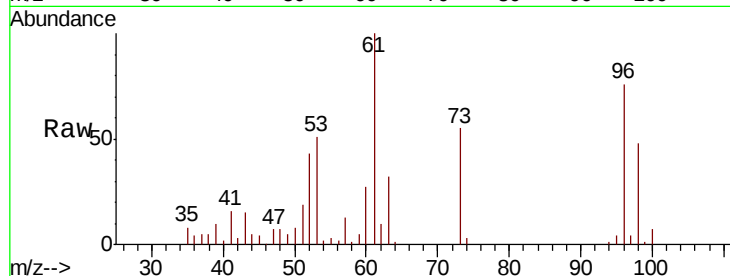
ClientSampled :

VSTDIC010

Tot Ion:	96	Resp:	169802
Ion	Ratio	Lower	Upper
96	100		
61	130.9	103.3	154.9
98	63.3	50.4	75.6

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#22

Diisopropyl ether

Concen: 9.671 ug/l

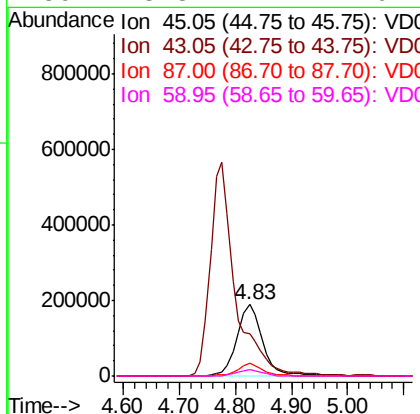
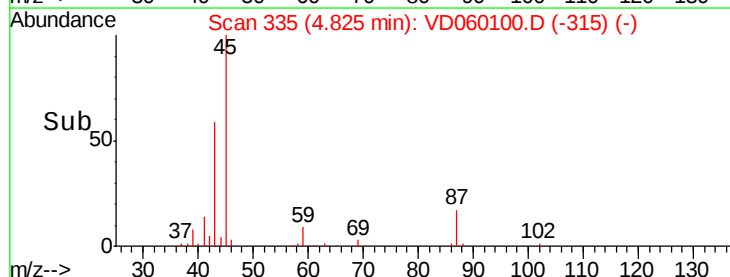
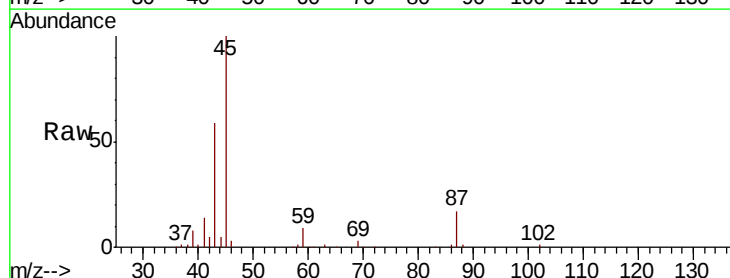
RT: 4.83 min Scan# 335

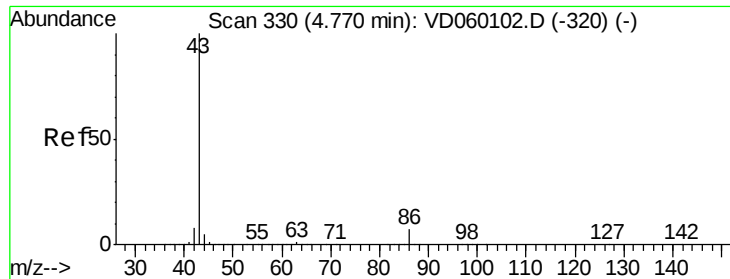
Delta R.T. -0.00 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Tgt Ion:	45	Resp:	606512
Ion	Ratio	Lower	Upper
45	100		
43	58.7	44.8	67.2
87	17.1	13.9	20.9
59	8.8	7.1	10.7





#23

Vinyl Acetate

Concen: 49.401 ug/l

RT: 4.78 min Scan# 330

Delta R.T. 0.01 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 1758144

Ion Ratio Lower Upper

43 100

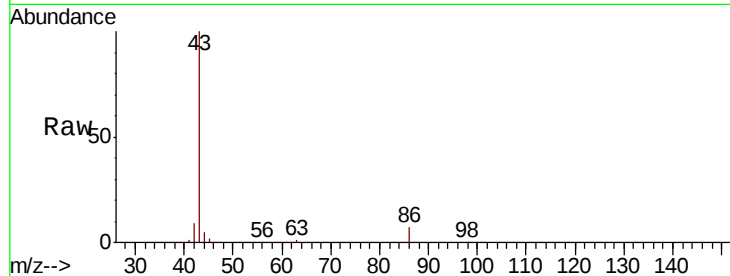
86 6.7 5.6 8.4

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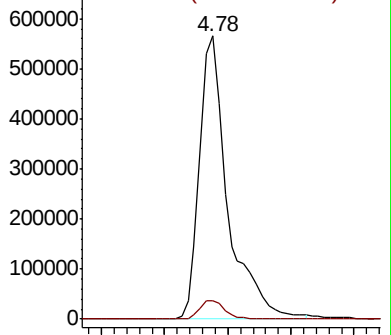
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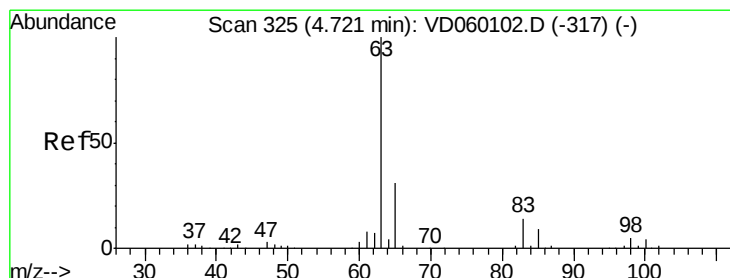
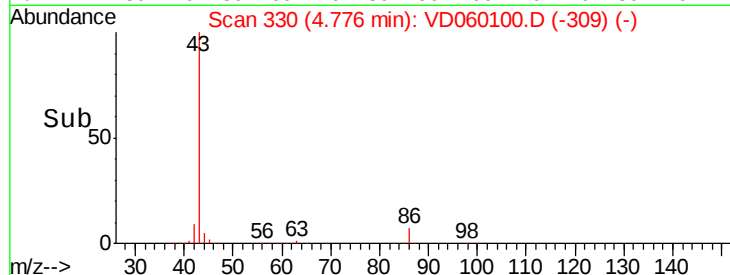


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



Time-->



#24

1,1-Dichloroethane

Concen: 9.627 ug/l

RT: 4.73 min Scan# 325

Delta R.T. 0.01 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

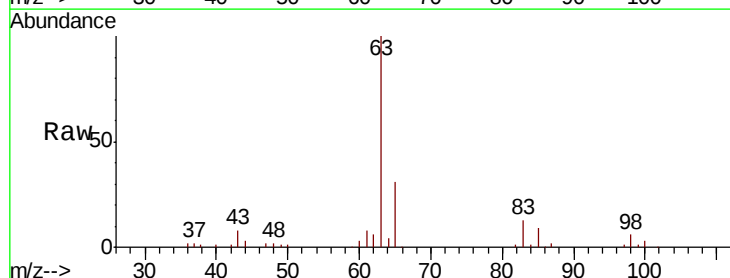
Tgt Ion: 63 Resp: 272559

Ion Ratio Lower Upper

63 100

98 5.6 2.8 8.3

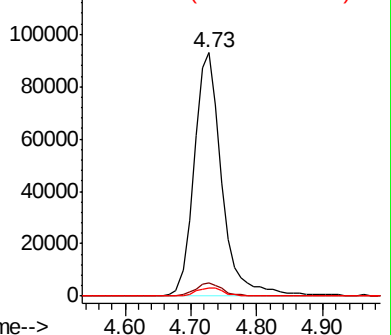
100 3.4 1.8 5.3



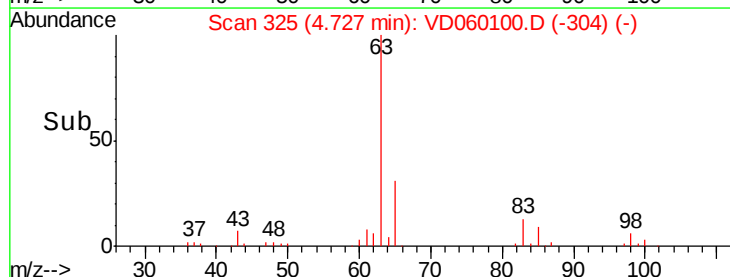
Abundance Ion 62.95 (62.65 to 63.65): VDC

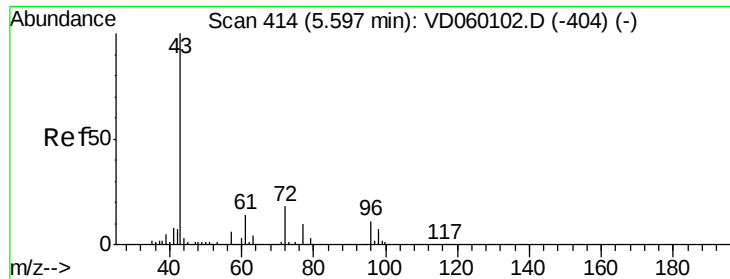
Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC



Time-->





#25

2-Butanone

Concen: 44.819 ug/l

RT: 5.59 min Scan# 413

Delta R.T. -0.00 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 288732

Ion Ratio Lower Upper

43 100

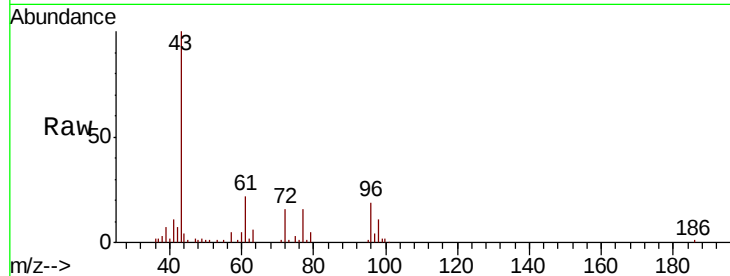
72 16.5 14.5 21.7

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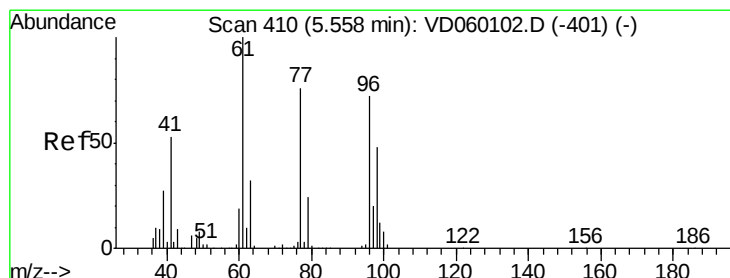
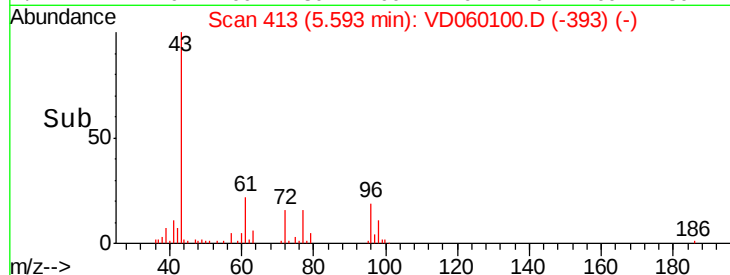
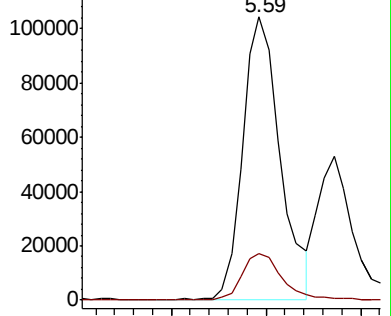
apatel

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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: 10.049 ug/l

RT: 5.55 min Scan# 409

Delta R.T. -0.00 min

Lab File: VD060100.D

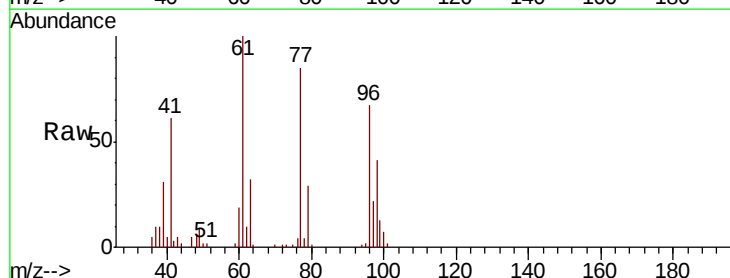
Acq: 1 Oct 2018 16:53

Tgt Ion: 77 Resp: 220190

Ion Ratio Lower Upper

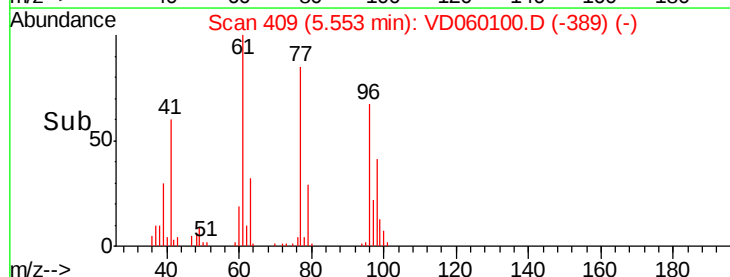
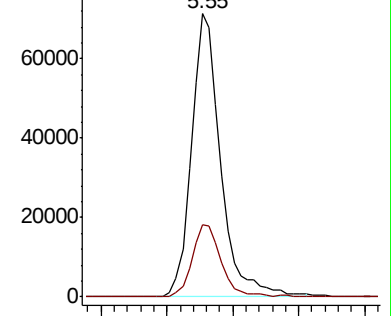
77 100

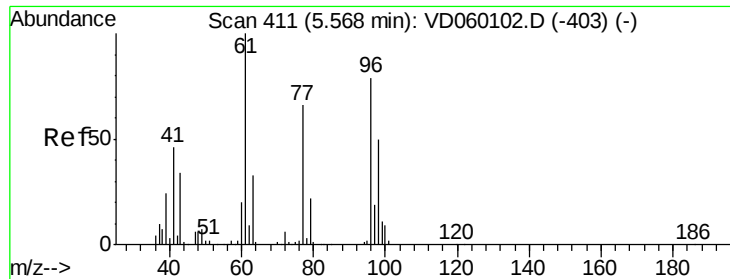
97 25.3 13.3 39.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC





#27

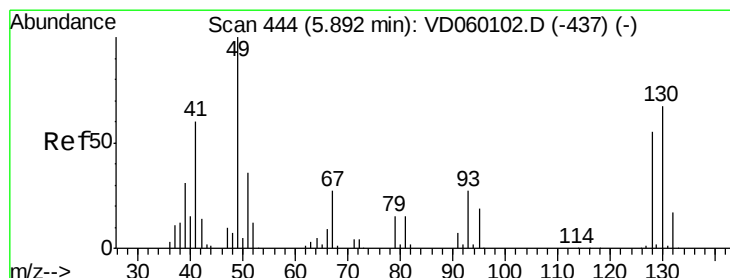
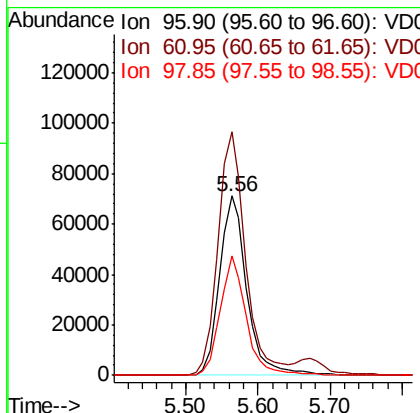
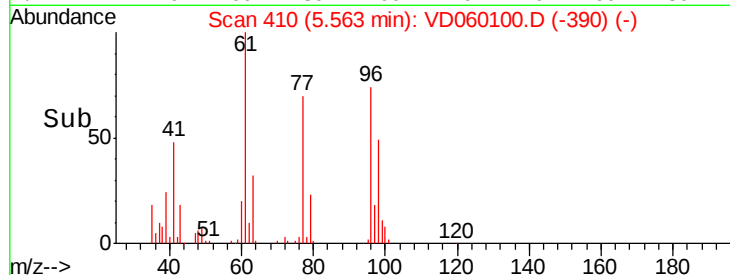
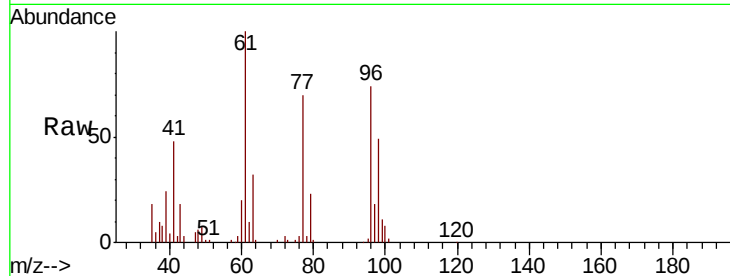
cis-1,2-Dichloroethene
Concen: 10.250 ug/l
RT: 5.56 min Scan# 410
Delta R.T. -0.00 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
96	100	184852		
61	135.9	0.0	251.8	
98	66.3	0.0	125.2	

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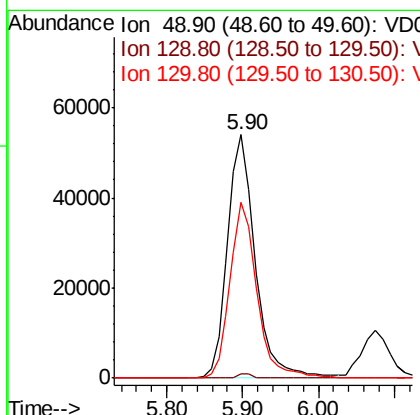
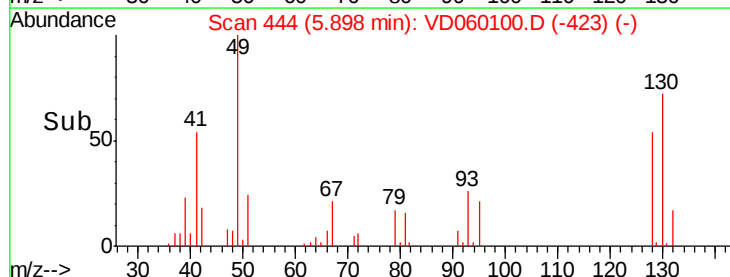
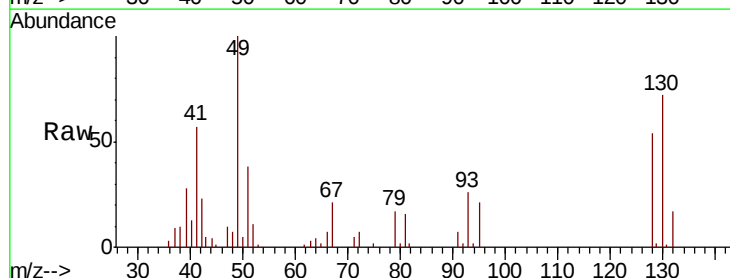
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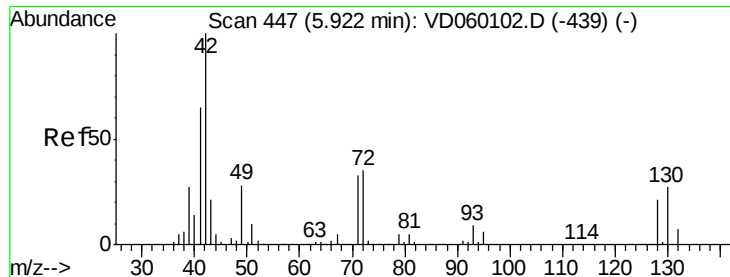


#28

Bromochloromethane
Concen: 9.944 ug/l
RT: 5.90 min Scan# 444
Delta R.T. 0.01 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	136833		
129	2.0	0.0	3.6	
130	72.0	53.9	80.9	





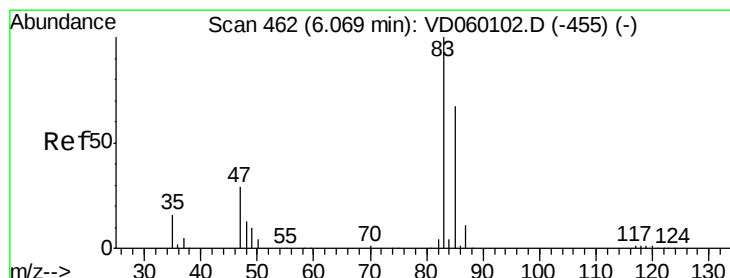
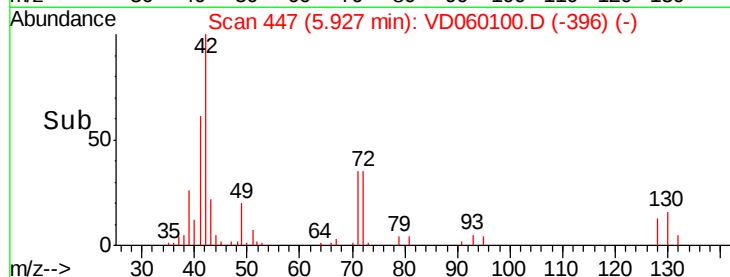
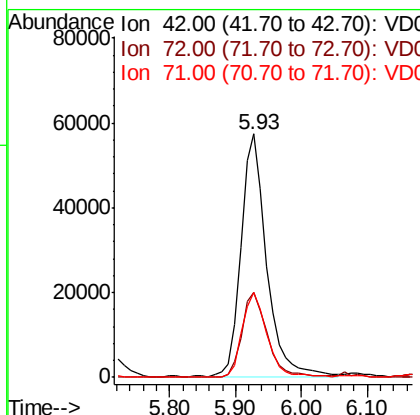
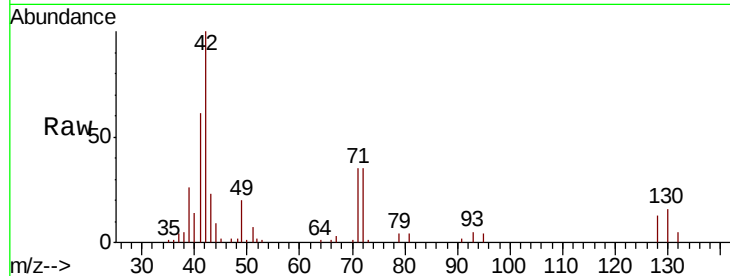
#29
Tetrahydrofuran
Concen: 45.862 ug/l
RT: 5.93 min Scan# 447
Delta R.T. 0.01 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.5	26.9	40.3
71	33.7	26.7	40.1

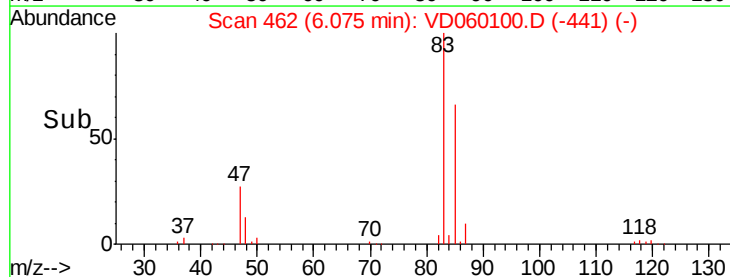
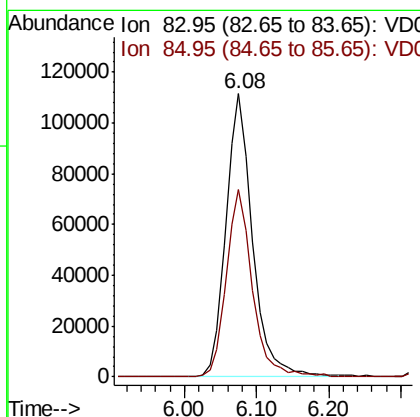
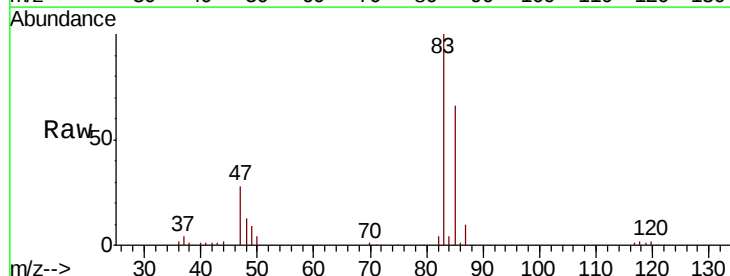
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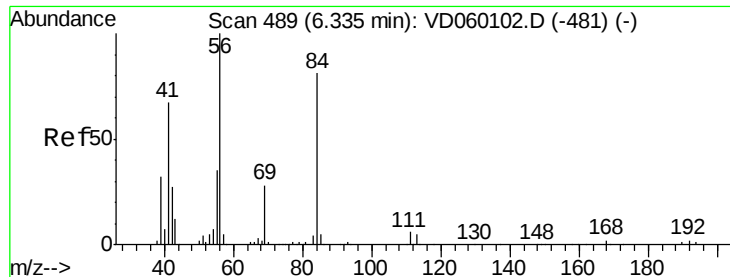
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#30
Chloroform
Concen: 9.967 ug/l
RT: 6.08 min Scan# 462
Delta R.T. 0.01 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	53.8	80.8





#31

Cyclohexane

Concen: 10.365 ug/l

RT: 6.34 min Scan# 489

Delta R.T. 0.01 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Instrument :

MSVOA_D

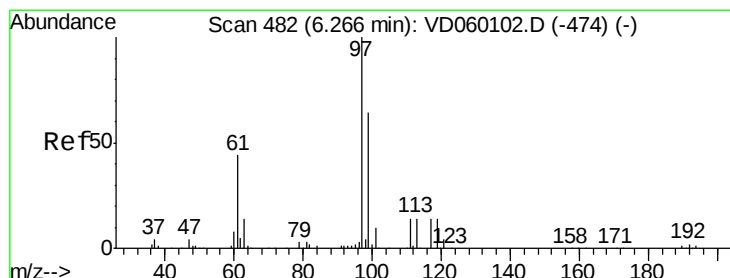
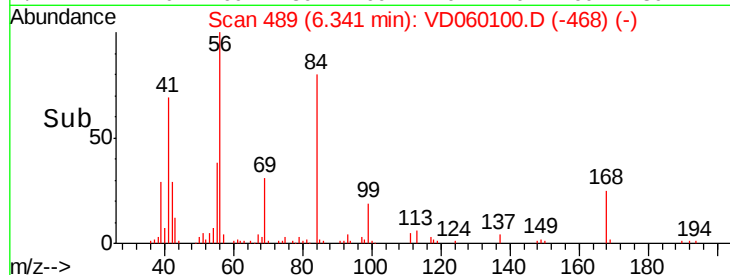
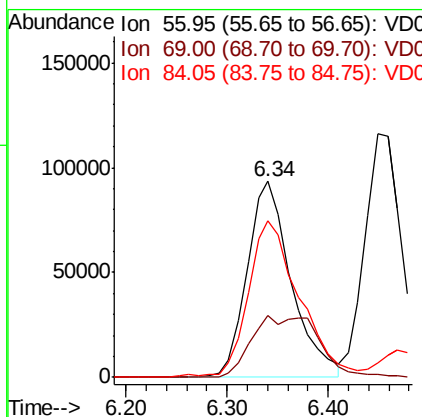
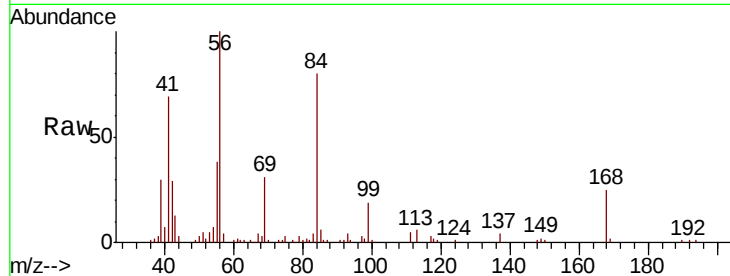
ClientSampleId :

VSTDIC010

Tot Ion:	56	Resp:	284084
Ion Ratio	Lower	Upper	
56	100		
69	31.5	22.8	34.2
84	80.0	64.9	97.3

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#32

1,1,1-Trichloroethane

Concen: 9.825 ug/l

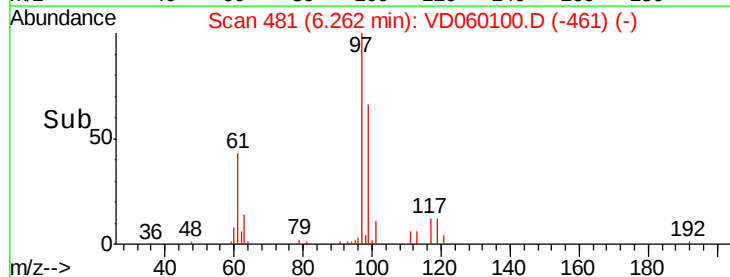
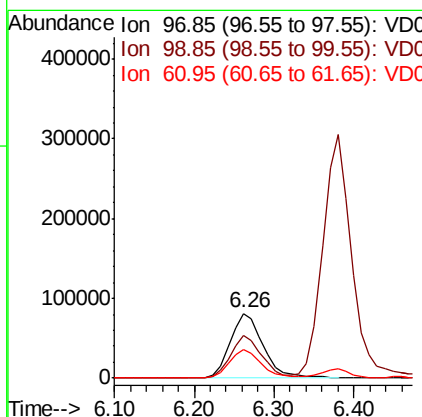
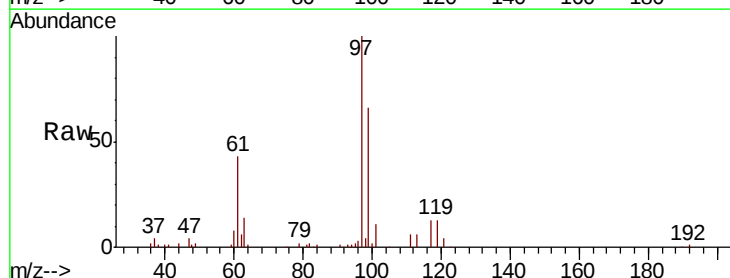
RT: 6.26 min Scan# 481

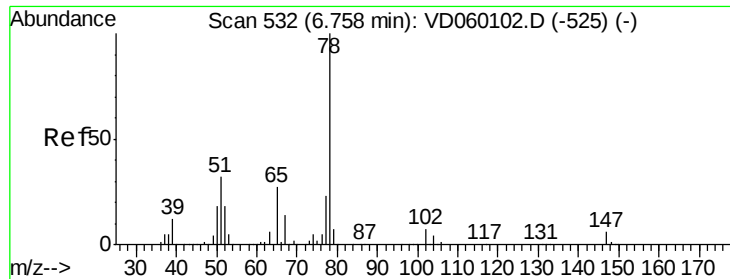
Delta R.T. -0.00 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Tgt Ion:	97	Resp:	232219
Ion Ratio	Lower	Upper	
97	100		
99	66.2	51.4	77.0
61	43.3	35.5	53.3





#33

1,2-Dichloroethane-d4

Concen: 9.825 ug/l

RT: 6.75 min Scan# 531

Delta R.T. -0.00 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Instrument :

MSVOA_D

ClientSampled :

VSTDIC010

Tot Ion: 65 Resp: 115456

Ion Ratio Lower Upper

65 100

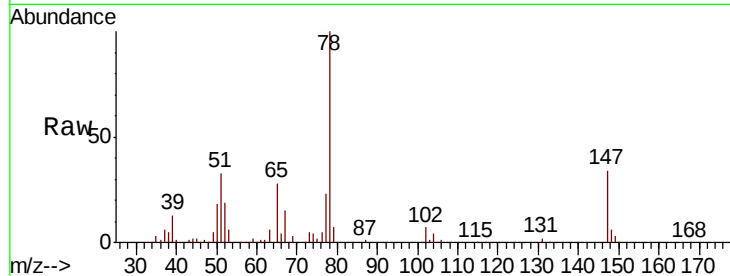
67 55.5 0.0 106.2

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Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

50000

40000

30000

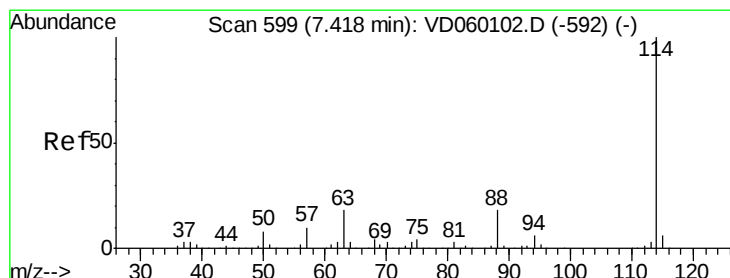
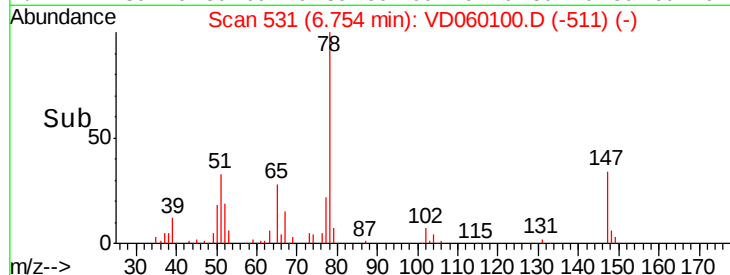
20000

10000

0

6.70 6.80

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.42 min Scan# 599

Delta R.T. 0.01 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

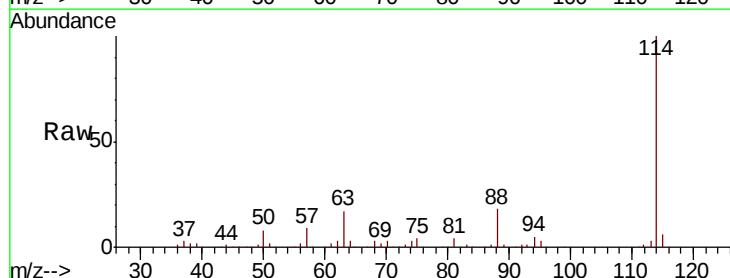
Tgt Ion: 114 Resp: 2197012

Ion Ratio Lower Upper

114 100

63 16.9 0.0 36.0

88 17.8 0.0 36.2



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

1200000

1000000

800000

600000

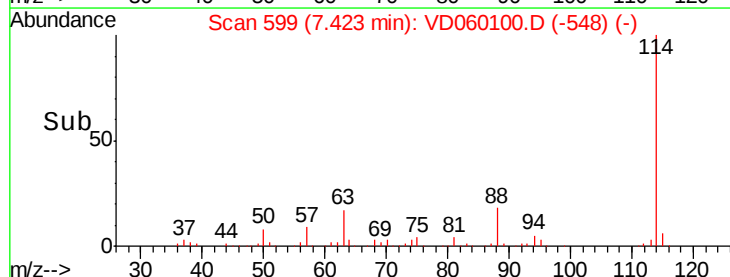
400000

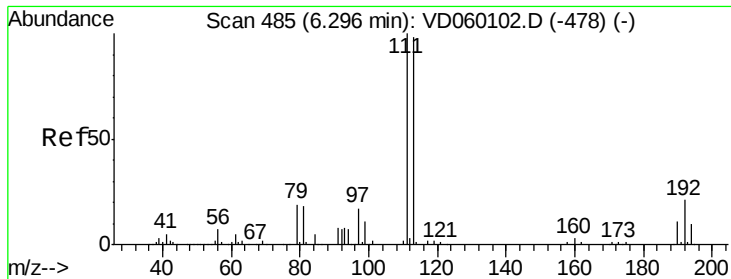
200000

0

7.20 7.40 7.60 7.80

Time-->





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.29 min Scan# 484

Delta R.T. -0.00 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Instrument :

MSVOA_D

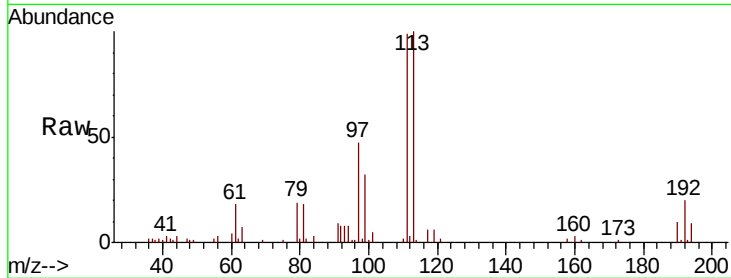
ClientSampleId :

VSTDIC010

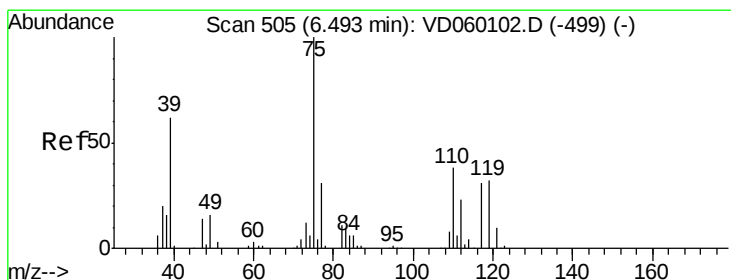
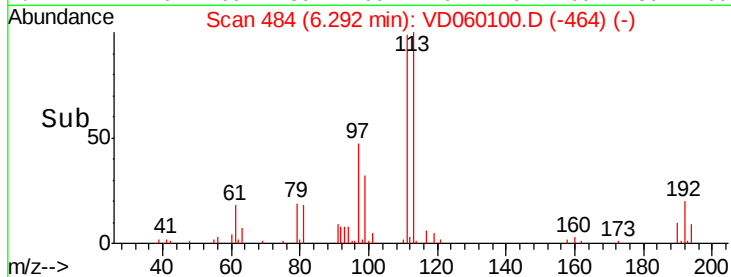
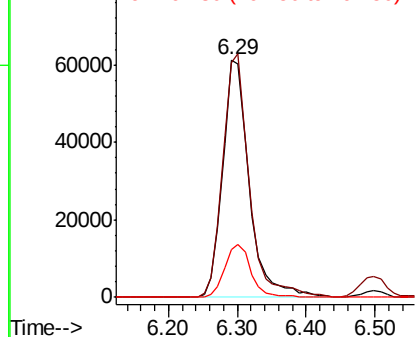
Tot Ion:	113	Resp:	163877
Ion Ratio	Lower	Upper	
113	100		
111	98.8	81.5	122.3
192	19.9	17.4	26.0

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Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 10.384 ug/l

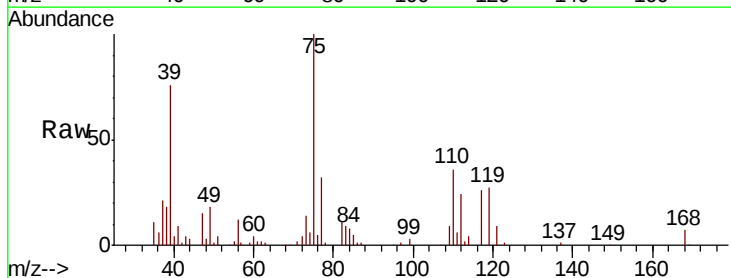
RT: 6.50 min Scan# 505

Delta R.T. 0.01 min

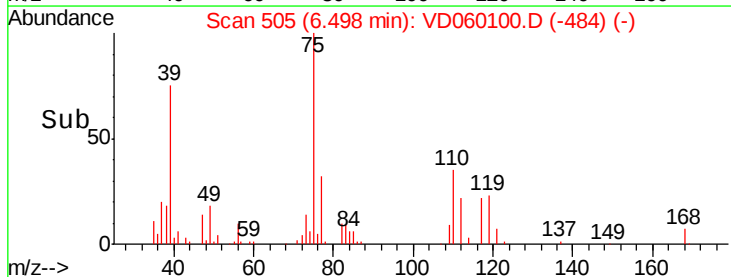
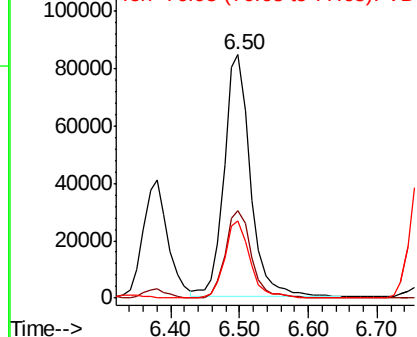
Lab File: VD060100.D

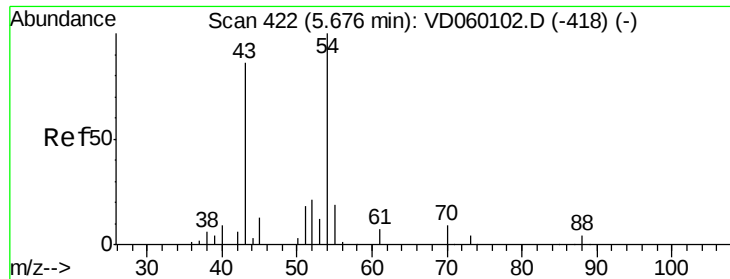
Acq: 1 Oct 2018 16:53

Tgt Ion:	75	Resp:	223207
Ion Ratio	Lower	Upper	
75	100		
110	36.0	19.0	57.0
77	31.8	24.9	37.3



Abundance Ion 75.00 (74.70 to 75.70): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): V





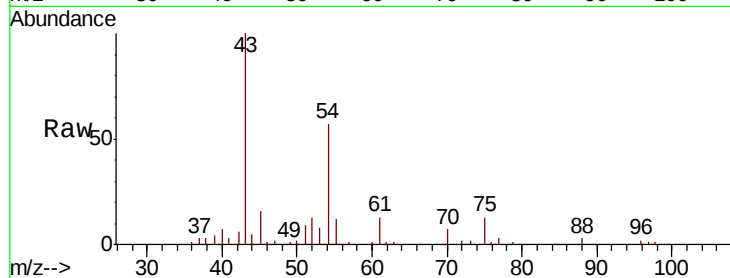
#37
Ethyl Acetate
Concen: 9.410 ug/l
RT: 5.67 min Scan# 421
Delta R.T. -0.00 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

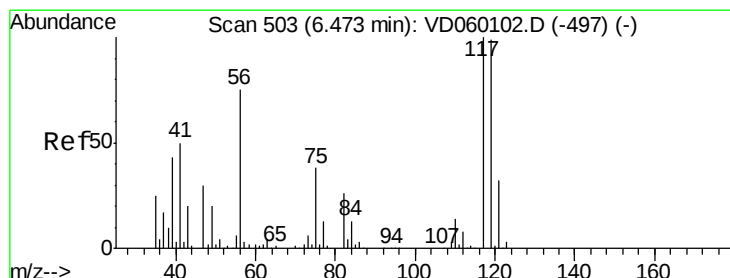
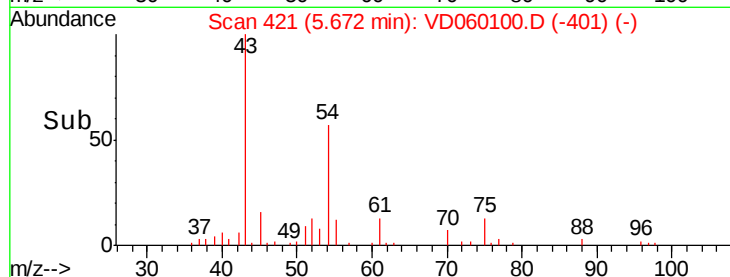
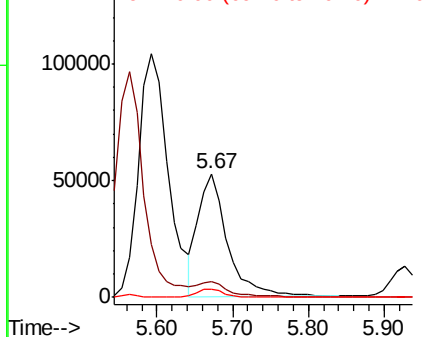
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.5	15.7
70	7.0	6.3	9.5

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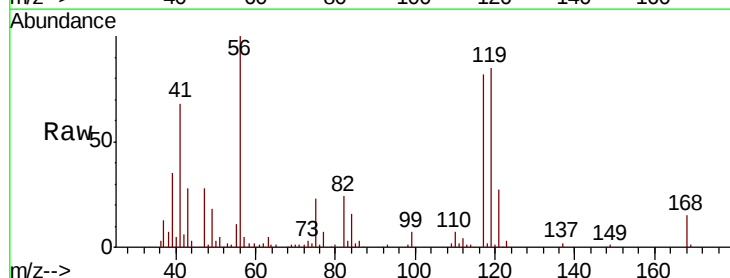


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

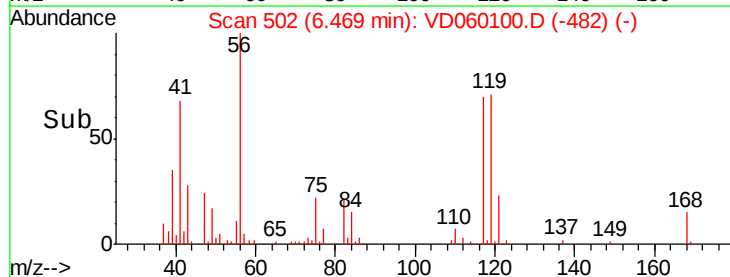
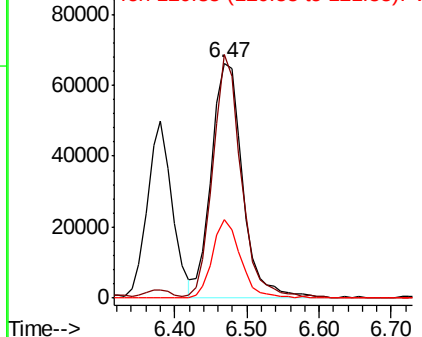


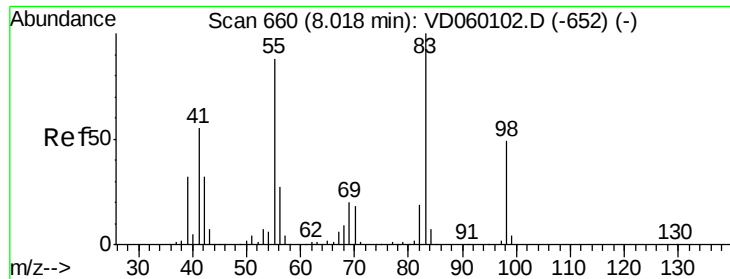
#38
Carbon Tetrachloride
Concen: 9.969 ug/l
RT: 6.47 min Scan# 502
Delta R.T. -0.00 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	103.6	77.8	116.6
121	33.3	24.8	37.2



Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V





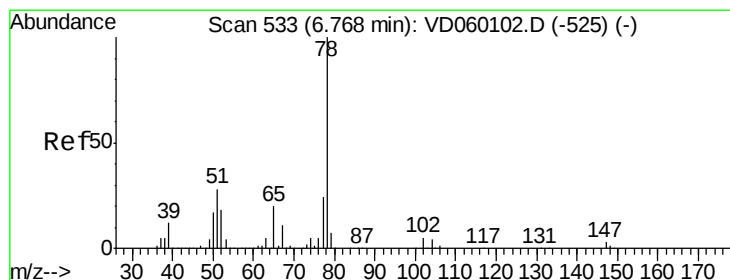
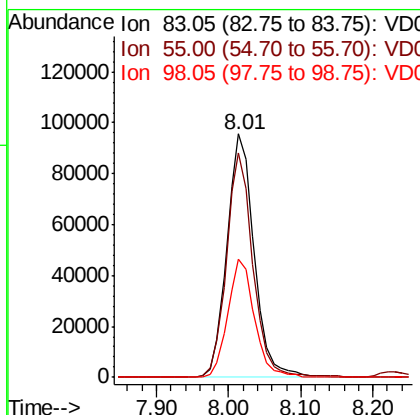
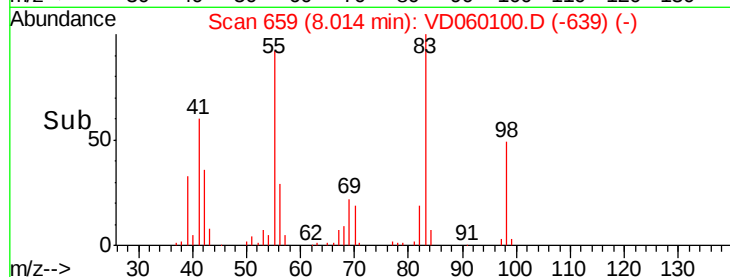
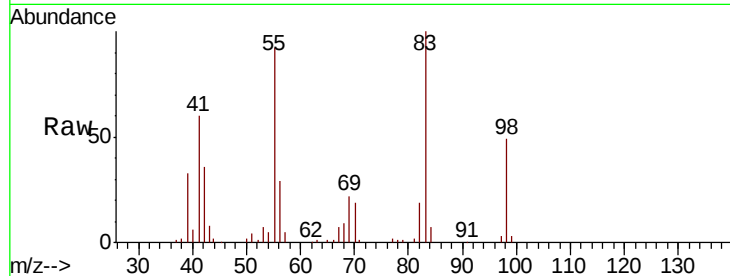
#39
Methvlcvclohexane
Concen: 10.300 ug/l
RT: 8.01 min Scan# 659
Delta R.T. -0.00 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	92.2	70.5	105.7
98	48.6	39.4	59.2

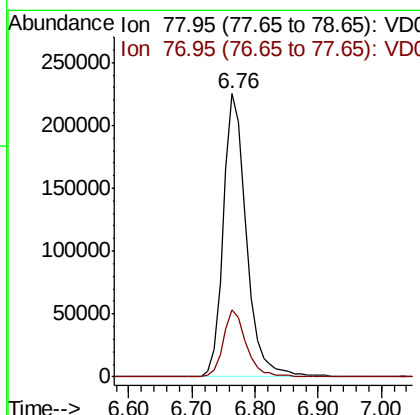
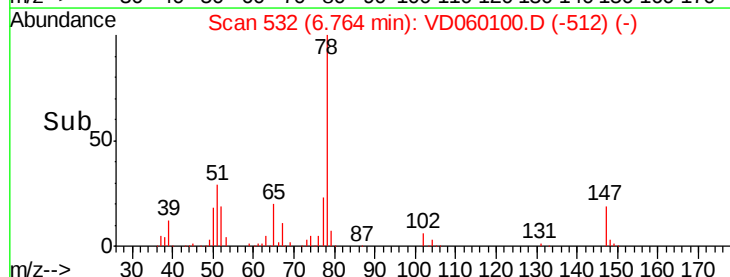
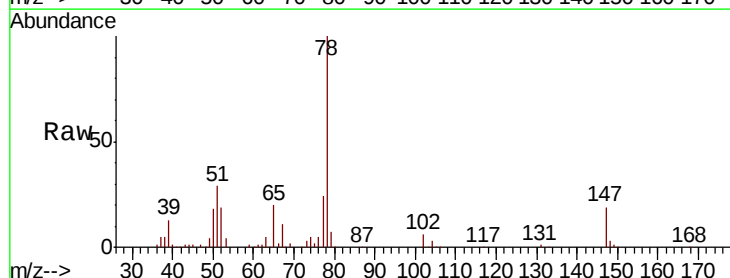
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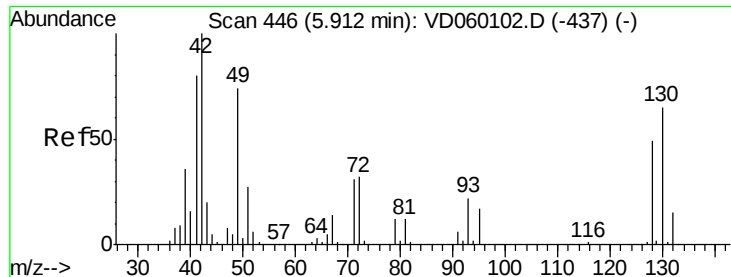
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#40
Benzene
Concen: 10.429 ug/l
RT: 6.76 min Scan# 532
Delta R.T. -0.00 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.4





#41

Methacrylonitrile

Concen: 9.918 ug/l m

RT: 5.91 min Scan# 445

Delta R.T. -0.00 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 41 Resp: 78327

Ion Ratio Lower Upper

41 100

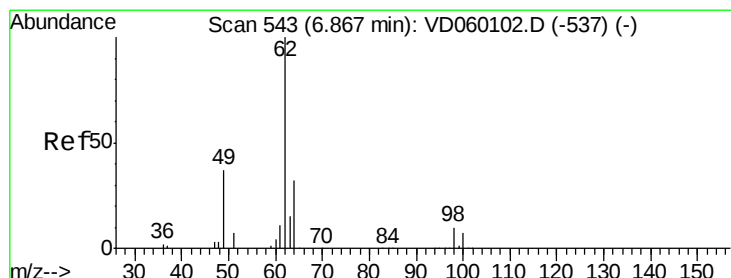
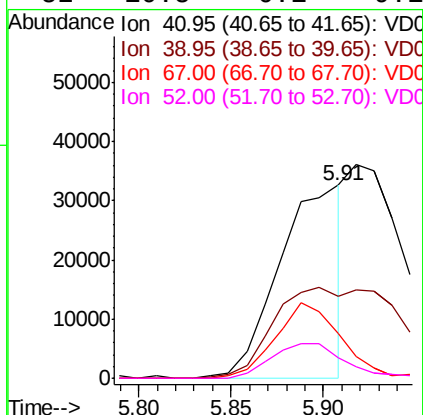
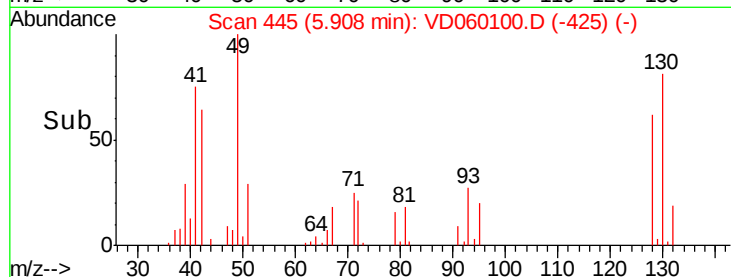
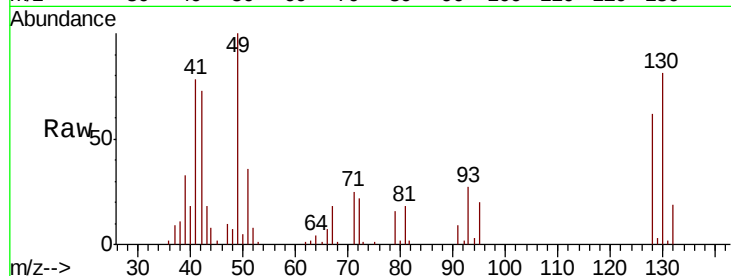
39 42.5 36.0 54.0

67 23.1 13.9 20.9#

52 10.5 6.1 9.1#

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#42

1,2-Dichloroethane

Concen: 9.932 ug/l

RT: 6.87 min Scan# 543

Delta R.T. 0.01 min

Lab File: VD060100.D

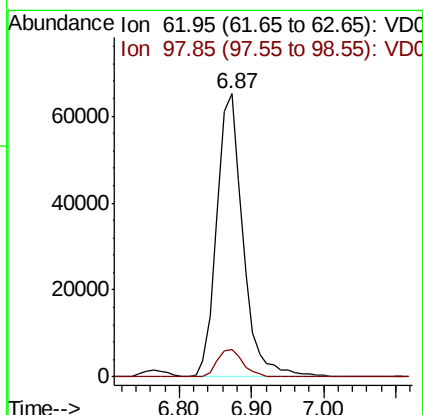
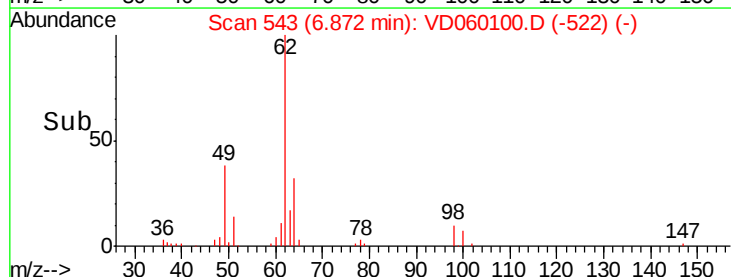
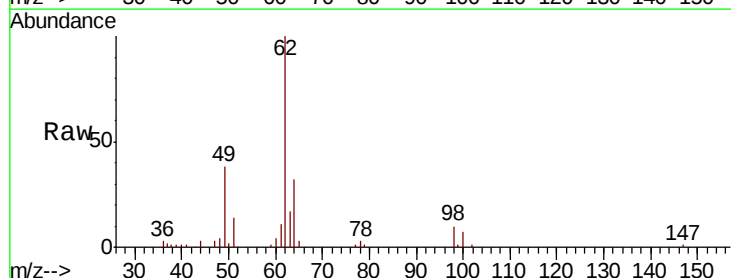
Acq: 1 Oct 2018 16:53

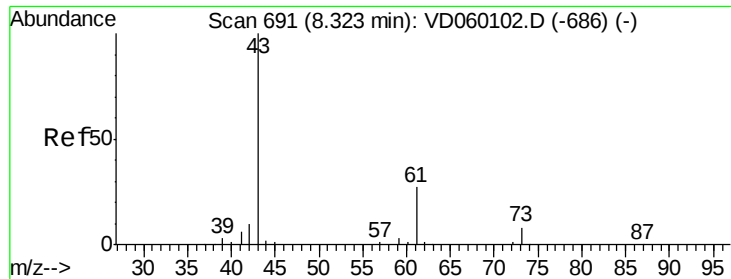
Tgt Ion: 62 Resp: 163407

Ion Ratio Lower Upper

62 100

98 9.8 0.0 20.6





#43

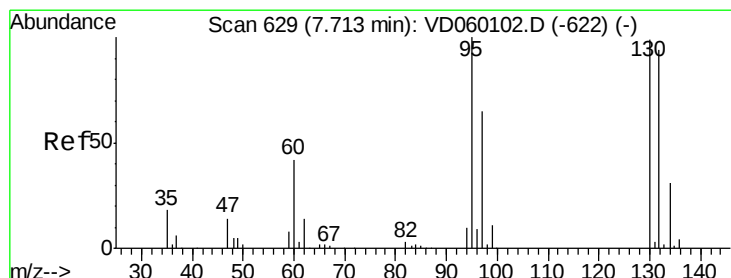
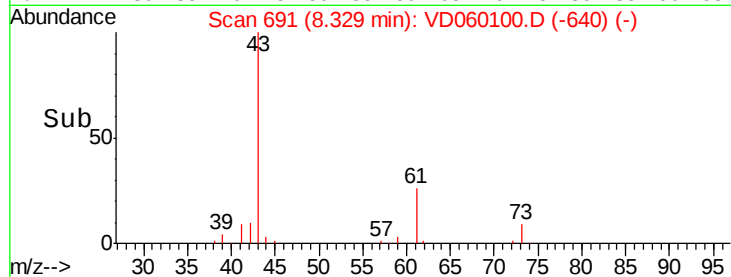
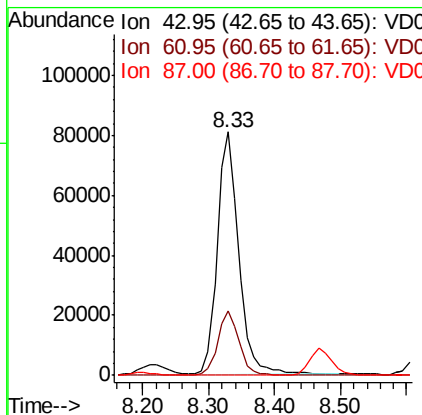
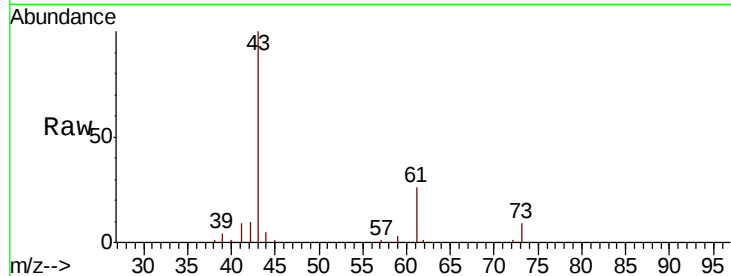
Isopropyl Acetate
 Concen: 9.290 ug/l
 RT: 8.33 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD060100.D
 Acq: 1 Oct 2018 16:53

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.2	21.4	32.2
87	0.0	0.2	0.2

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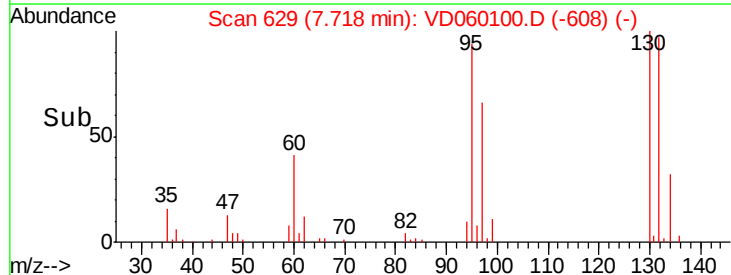
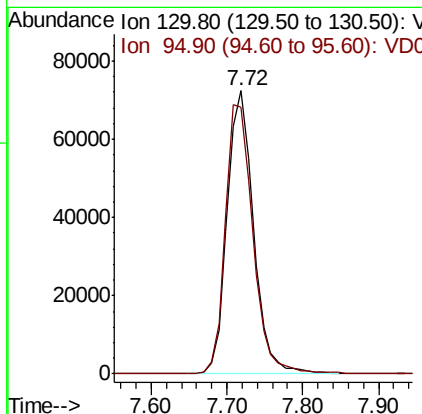
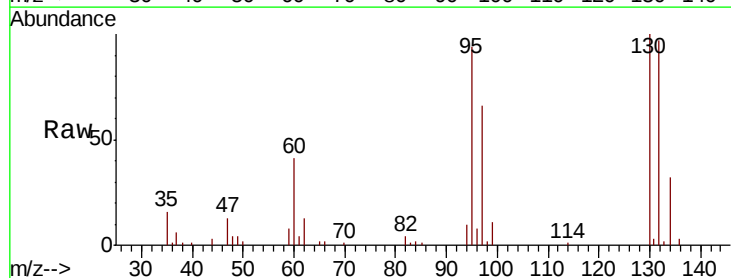
apatel
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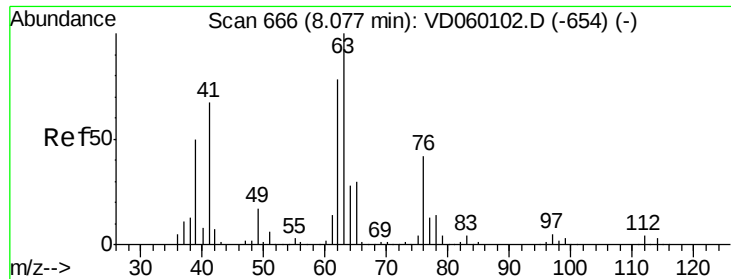


#44

Trichloroethene
 Concen: 10.233 ug/l
 RT: 7.72 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: VD060100.D
 Acq: 1 Oct 2018 16:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	202.2





#45

1,2-Dichloropropane

Concen: 10.079 ug/l

RT: 8.08 min Scan# 666

Delta R.T. 0.01 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 63 Resp: 147994

Ion Ratio Lower Upper

63 100

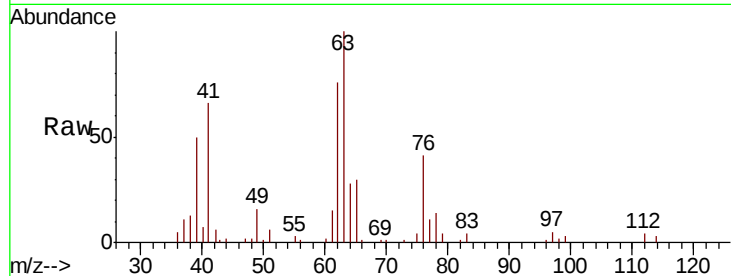
65 29.7 24.1 36.1

Manual Integrations

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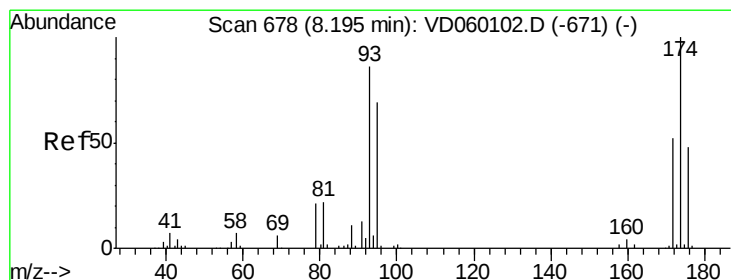
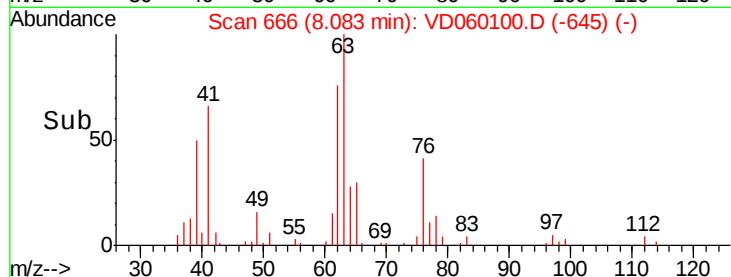
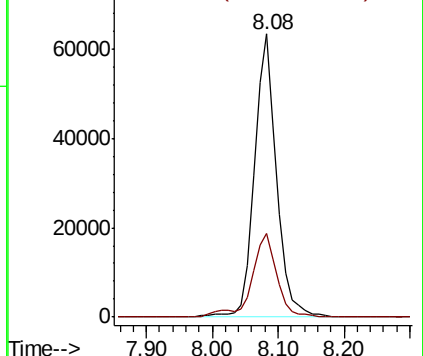
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Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 9.688 ug/l

RT: 8.19 min Scan# 677

Delta R.T. -0.00 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

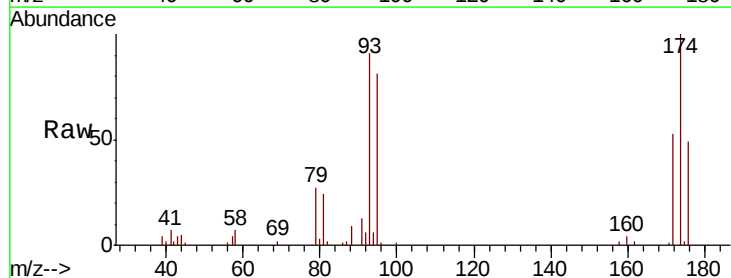
Tgt Ion: 93 Resp: 92468

Ion Ratio Lower Upper

93 100

95 88.5 63.8 95.6

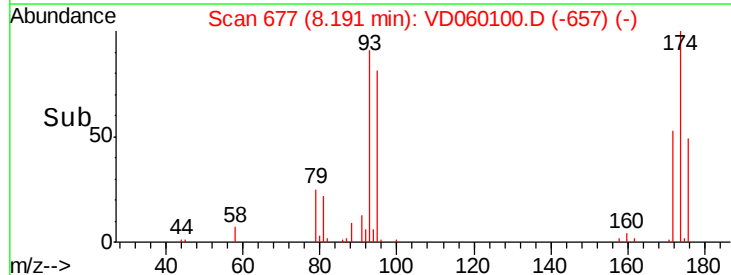
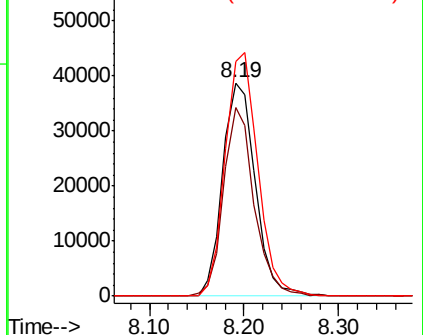
174 109.9 92.9 139.3

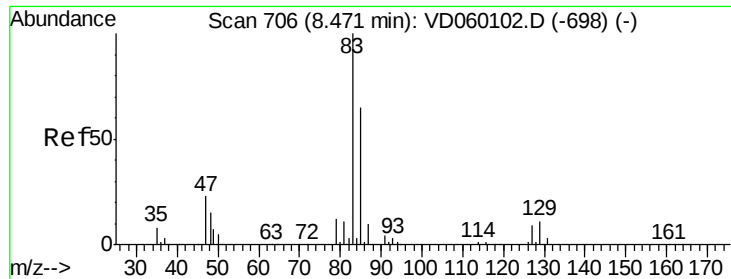


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 9.617 ug/l

RT: 8.47 min Scan# 705

Delta R.T. -0.00 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Instrument :

MSVOA_D

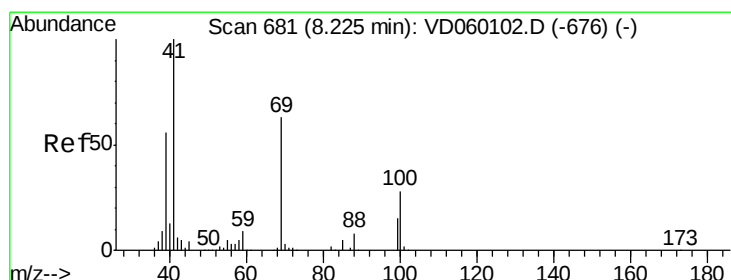
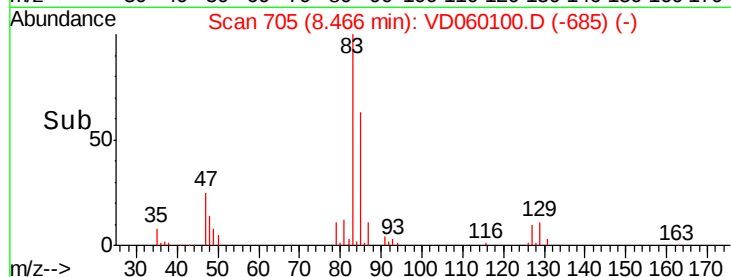
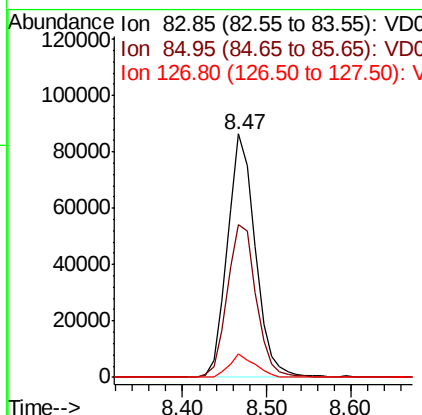
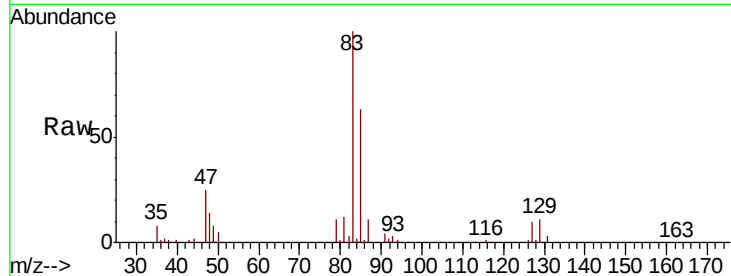
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	198422
Ion Ratio	Lower	Upper	
83	100		
85	63.0	52.2	78.2
127	9.5	7.4	11.0

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#48

Methyl methacrylate

Concen: 9.712 ug/l

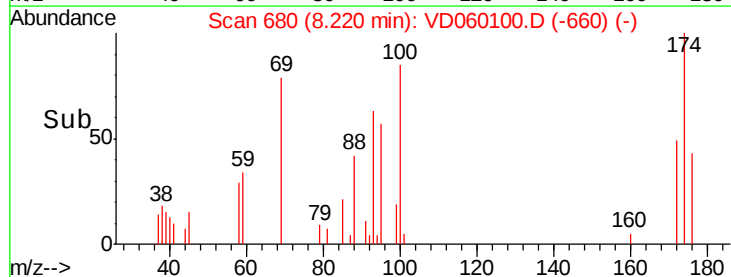
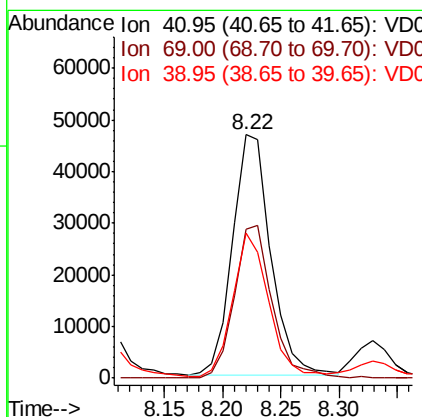
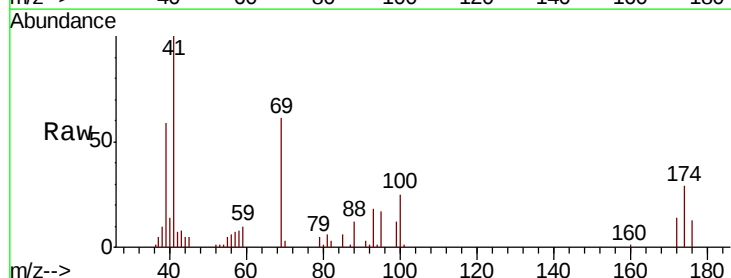
RT: 8.22 min Scan# 680

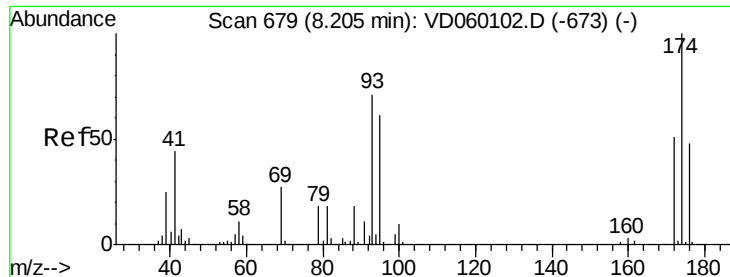
Delta R.T. -0.00 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Tgt Ion:	41	Resp:	106489
Ion Ratio	Lower	Upper	
41	100		
69	61.1	49.7	74.5
39	59.5	45.2	67.8





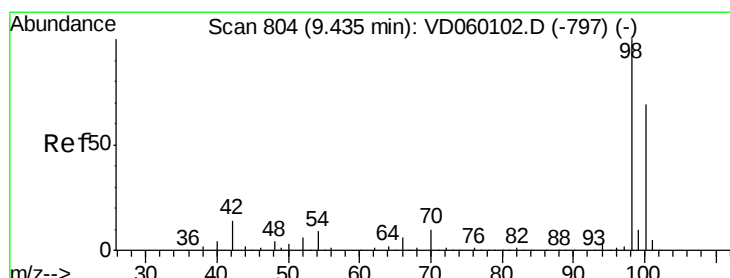
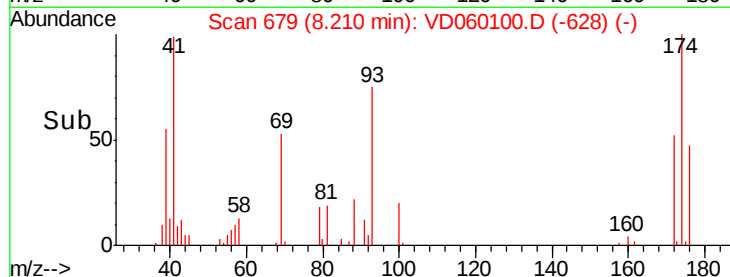
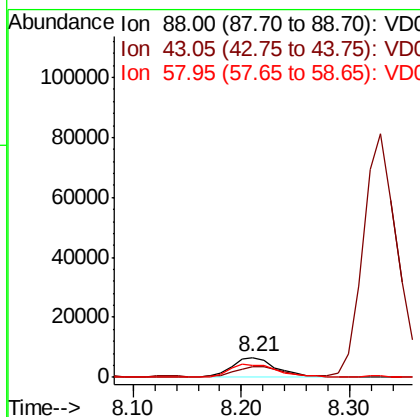
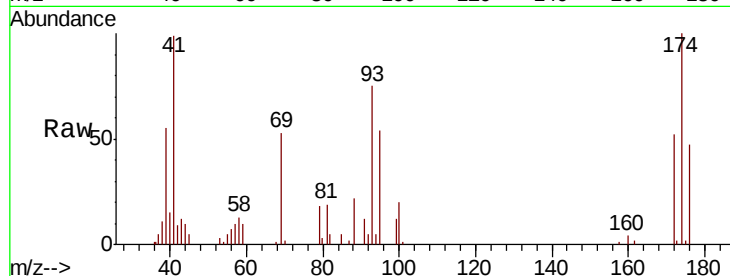
#49
1,4-Dioxane
Concen: 174.429 ug/l
RT: 8.21 min Scan# 679
Delta R.T. 0.01 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	88	Resp	19032
Ion	Ratio	Lower	Upper
88	100		
43	53.6	33.7	50.5#
58	61.1	49.1	73.7

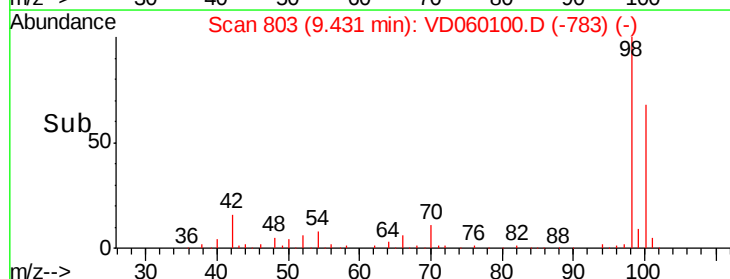
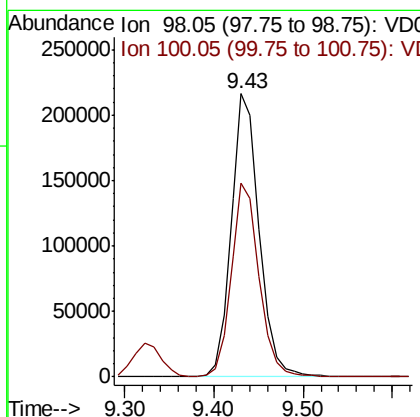
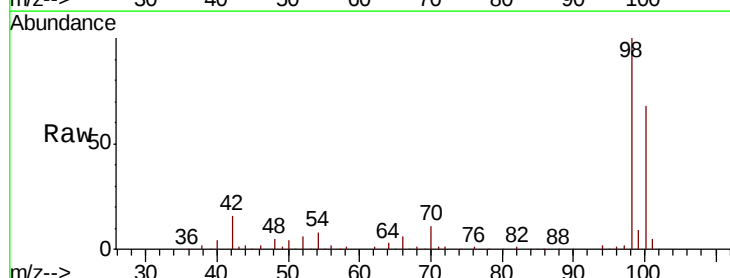
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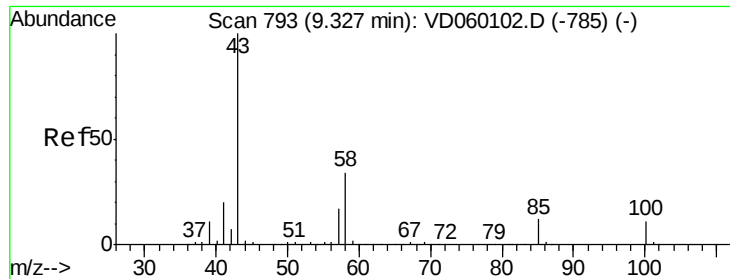
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#50
Toluene-d8
Concen: 174.429 ug/l
RT: 9.43 min Scan# 803
Delta R.T. -0.00 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Tgt Ion	98	Resp	472834
Ion	Ratio	Lower	Upper
98	100		
100	68.3	55.4	83.0





#51

4-Methyl-2-Pentanone

Concen: 43.859 ug/l

RT: 9.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 591744

Ion Ratio Lower Upper

43 100

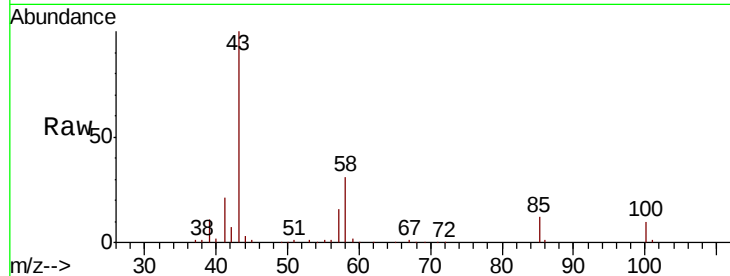
58 31.2 27.2 40.8

Manual Integrations

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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

9.32

250000

200000

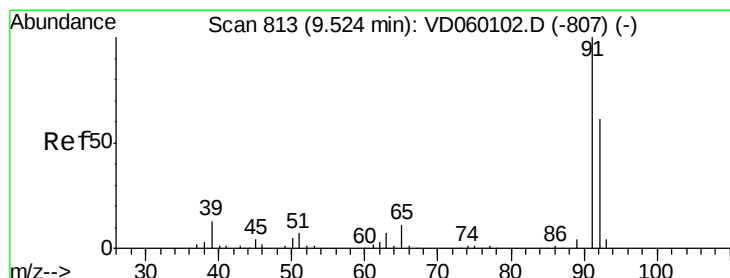
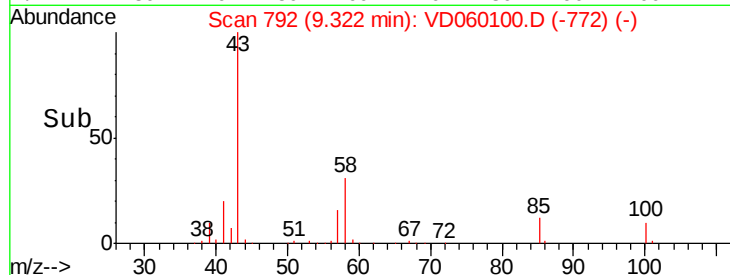
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 10.350 ug/l

RT: 9.53 min Scan# 813

Delta R.T. 0.01 min

Lab File: VD060100.D

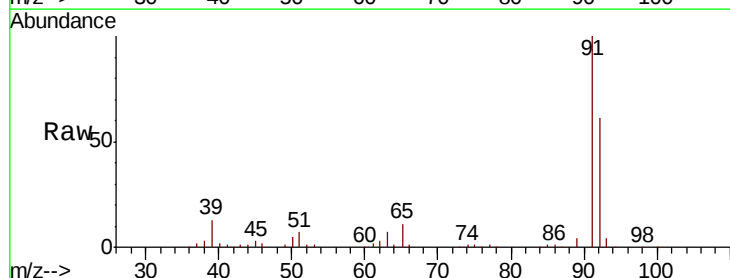
Acq: 1 Oct 2018 16:53

Tgt Ion: 92 Resp: 366450

Ion Ratio Lower Upper

92 100

91 165.2 131.9 197.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

9.53

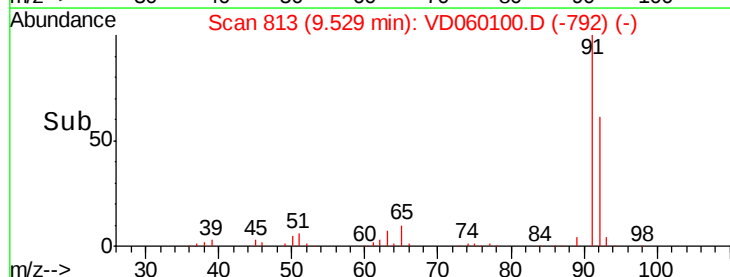
300000

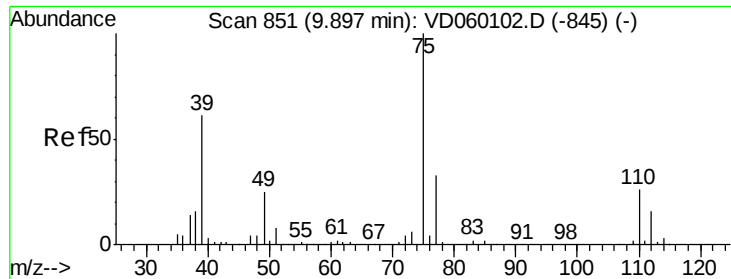
200000

100000

0

Time-->





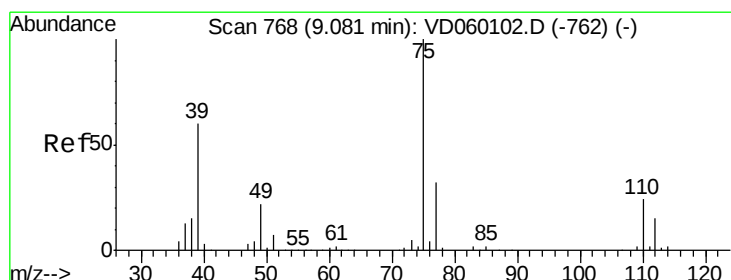
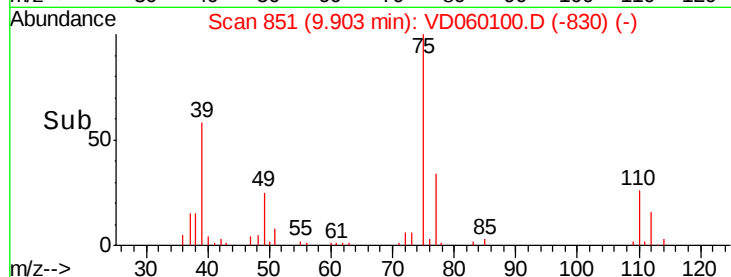
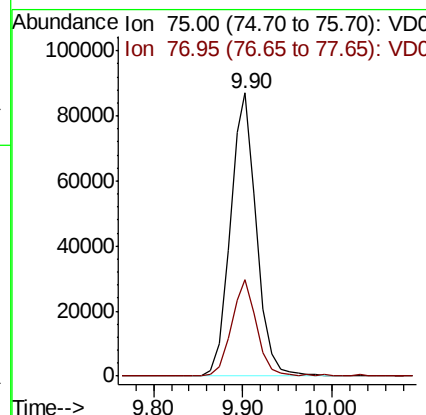
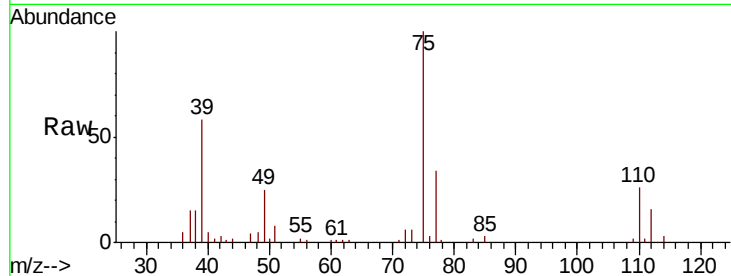
#53
t-1,3-Dichloropropene
Concen: 9.212 ug/l
RT: 9.90 min Scan# 851
Delta R.T. 0.01 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.9	26.2	39.2

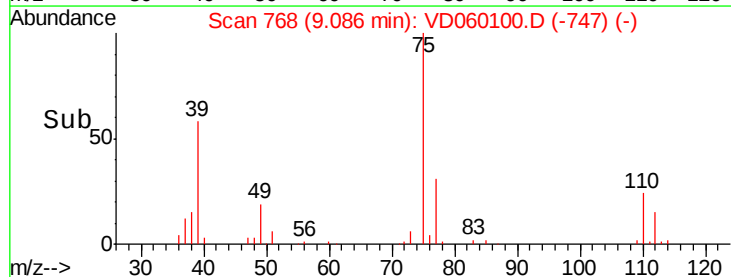
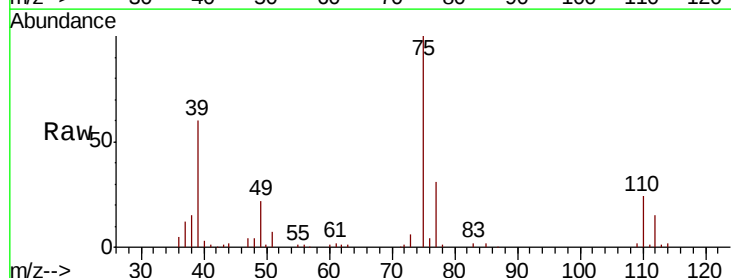
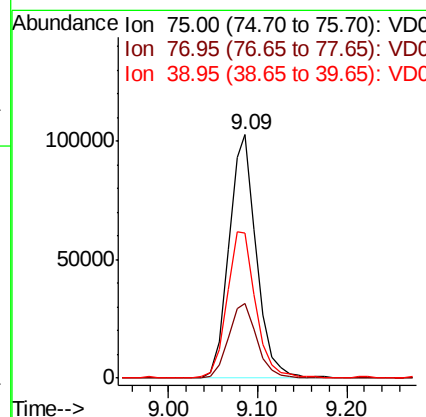
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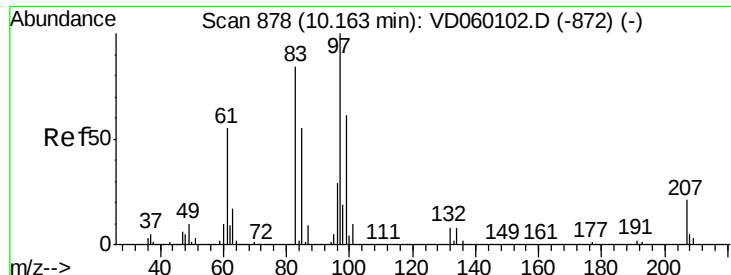
apatel
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#54
cis-1,3-Dichloropropene
Concen: 9.648 ug/l
RT: 9.09 min Scan# 768
Delta R.T. 0.01 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.7	38.5
39	59.7	48.2	72.4





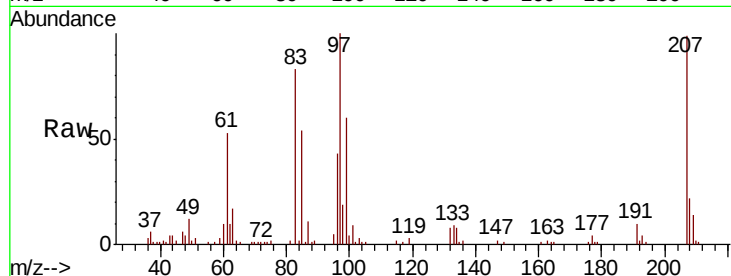
#55
 1,1,2-Trichloroethane
 Concen: 9.902 ug/l
 RT: 10.16 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: VD060100.D
 Acq: 1 Oct 2018 16:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

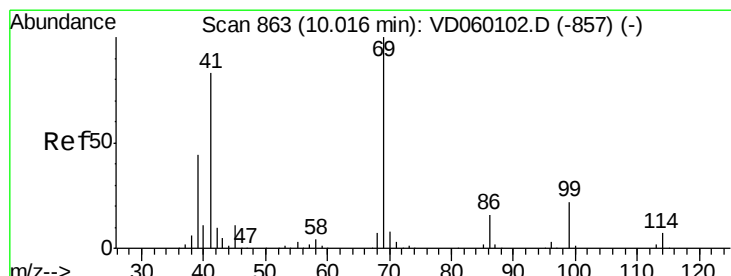
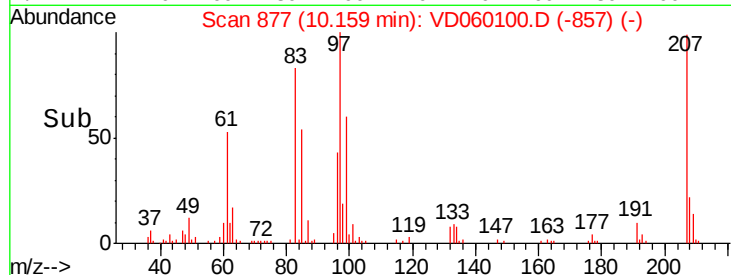
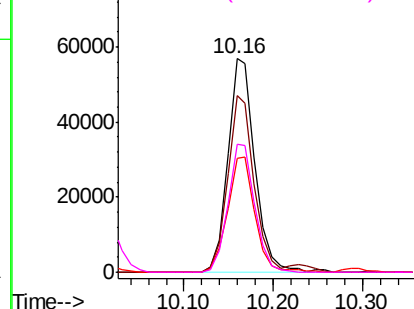
Tot Ion	97	Resp	121587
Ion Ratio	Lower	Upper	
97	100		
83	82.5	67.0	100.6
85	53.6	43.9	65.9
99	60.0	49.1	73.7

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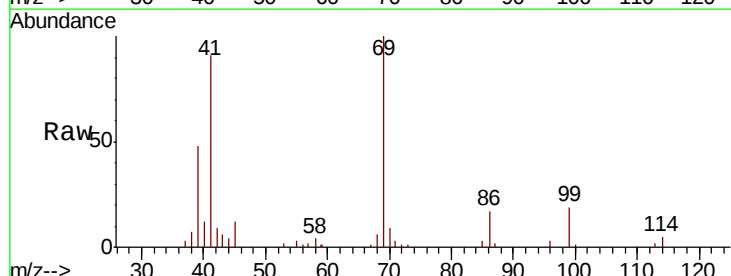


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

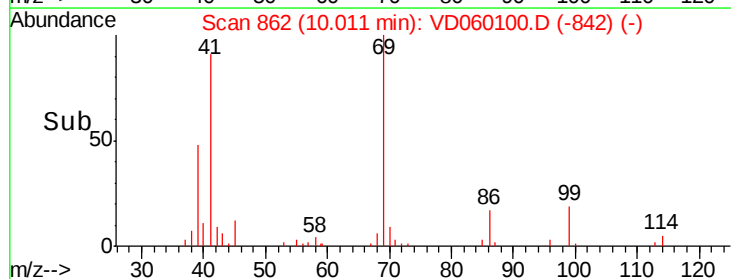
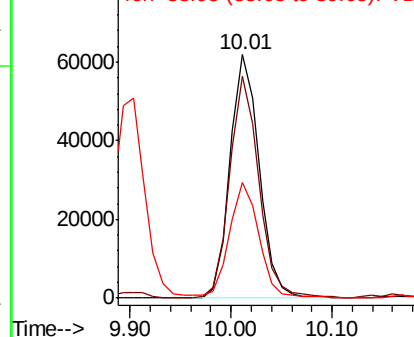


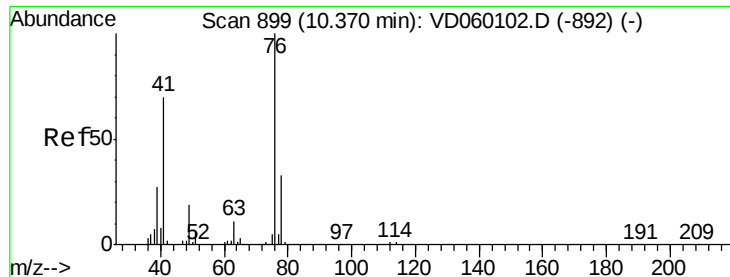
#56
 Ethyl methacrylate
 Concen: 9.186 ug/l
 RT: 10.01 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VD060100.D
 Acq: 1 Oct 2018 16:53

Tgt Ion	69	Resp	124336
Ion Ratio	Lower	Upper	
69	100		
41	91.0	66.6	100.0
39	47.6	36.0	54.0



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.05 (40.75 to 41.75): VDC
 Ion 38.95 (38.65 to 39.65): VDC





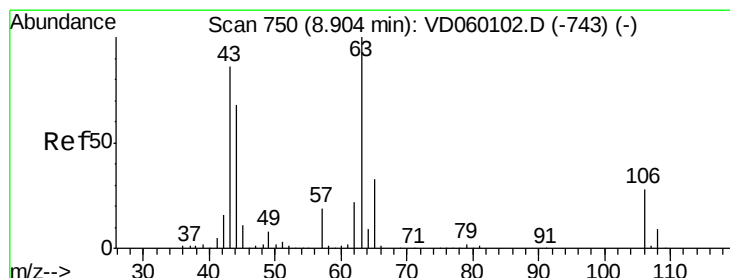
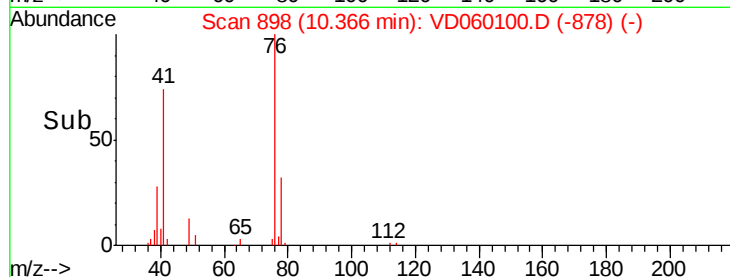
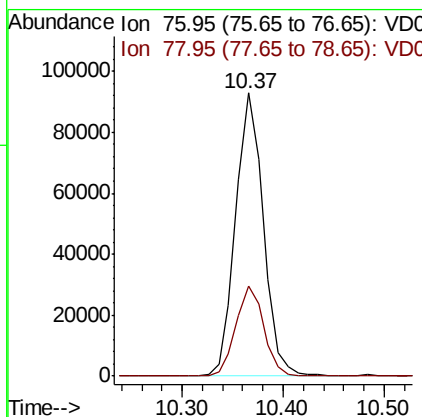
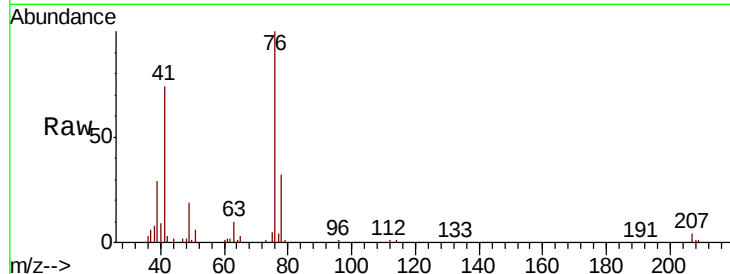
#57
 1,3-Dichloropropane
 Concen: 9.818 ug/l
 RT: 10.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: VD060100.D
 Acq: 1 Oct 2018 16:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion: 76 Resp: 177545
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.2 39.2

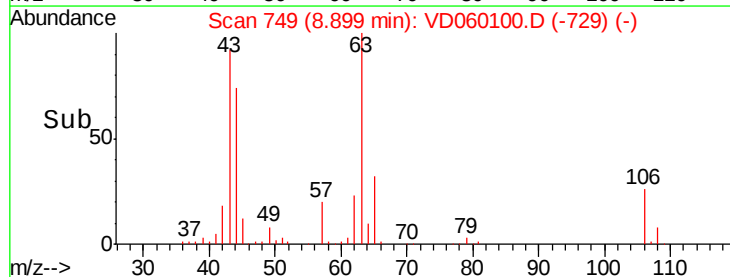
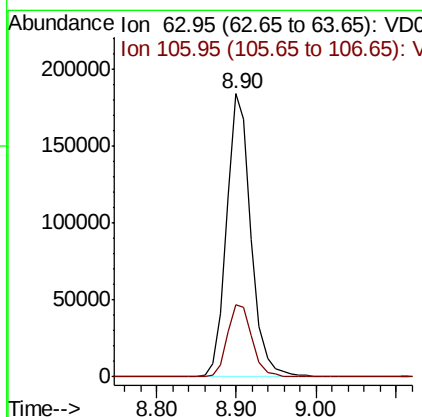
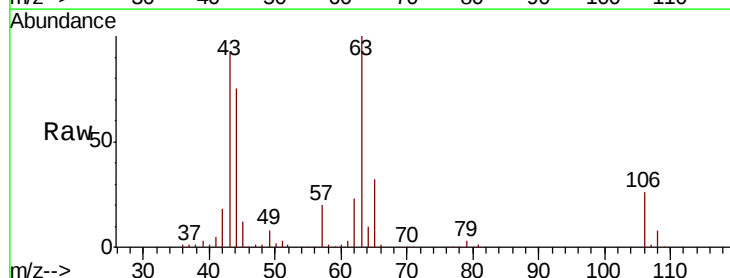
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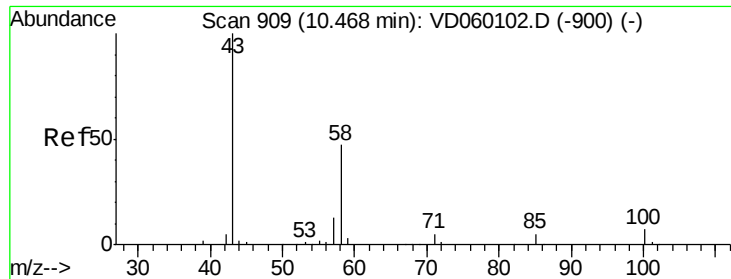
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#58
 2-Chloroethyl Vinyl ether
 Concen: 59.161 ug/l
 RT: 8.90 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: VD060100.D
 Acq: 1 Oct 2018 16:53

Tgt Ion: 63 Resp: 394888
 Ion Ratio Lower Upper
 63 100
 106 25.6 22.6 34.0





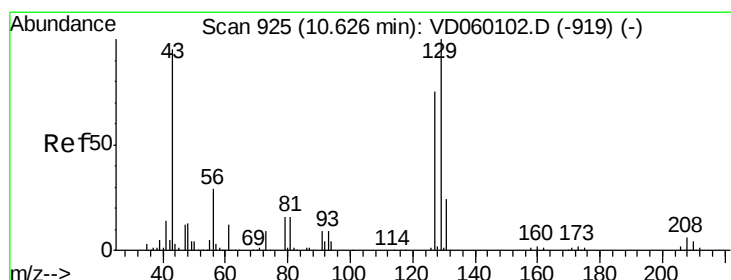
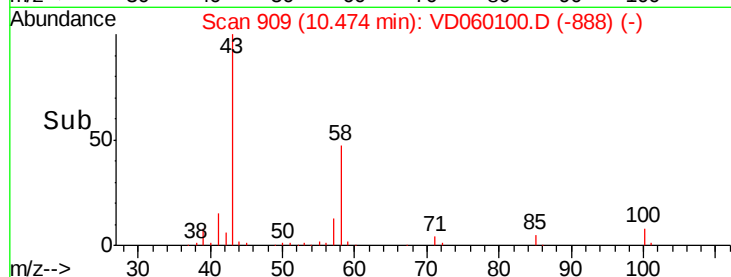
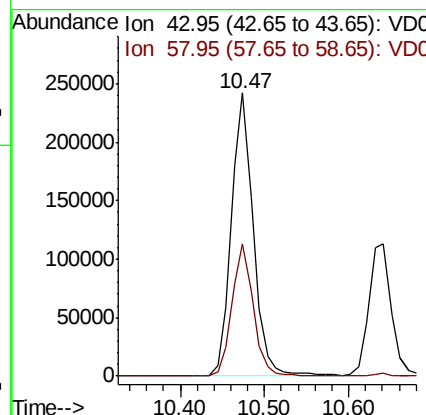
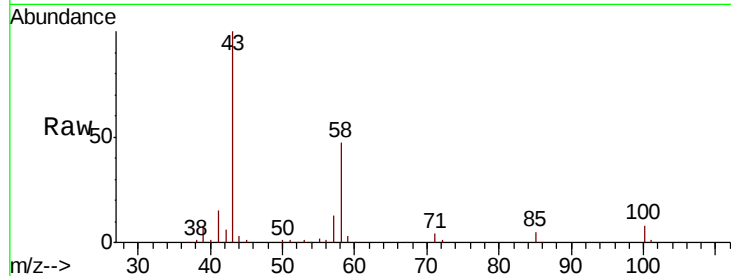
#59
2-Hexanone
Concen: 45.008 ug/l
RT: 10.47 min Scan# 909
Delta R.T. 0.01 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Instrument :
MSVOA_D
ClientSampled :
VSTDIC010

Tot Ion: 43 Resp: 438202
Ion Ratio Lower Upper
43 100
58 46.7 23.3 69.9

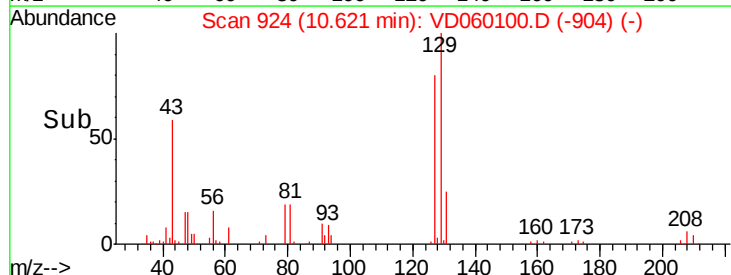
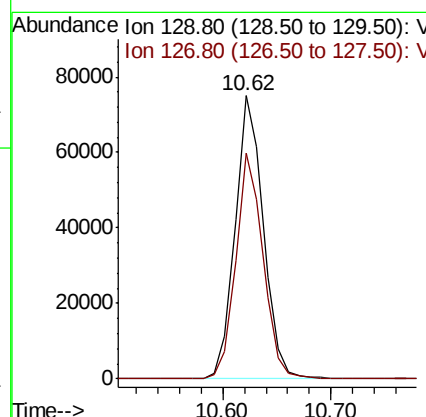
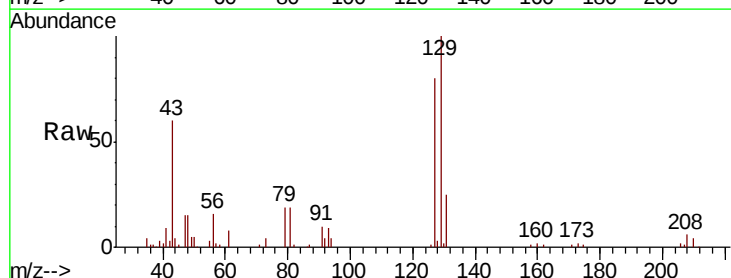
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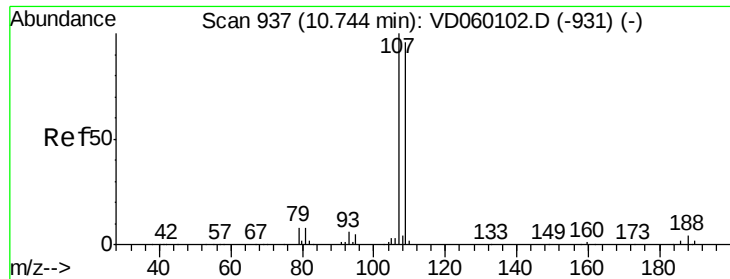
apatel
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#60
Dibromochloromethane
Concen: 9.152 ug/l
RT: 10.62 min Scan# 924
Delta R.T. -0.00 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Tgt Ion: 129 Resp: 135585
Ion Ratio Lower Upper
129 100
127 79.7 37.4 112.2





#61

1,2-Dibromoethane

Concen: 9.524 ug/l

RT: 10.74 min Scan# 936

Delta R.T. -0.00 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion:107 Resp: 120711

Ion Ratio Lower Upper

107 100

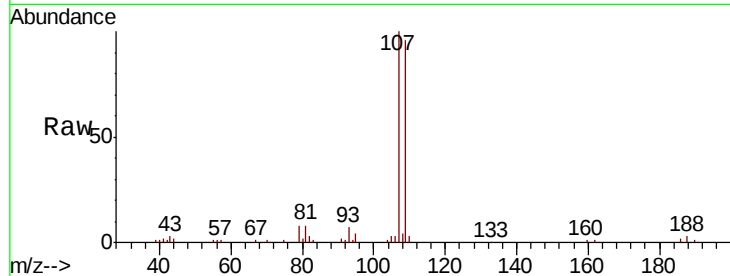
109 95.7 77.1 115.7

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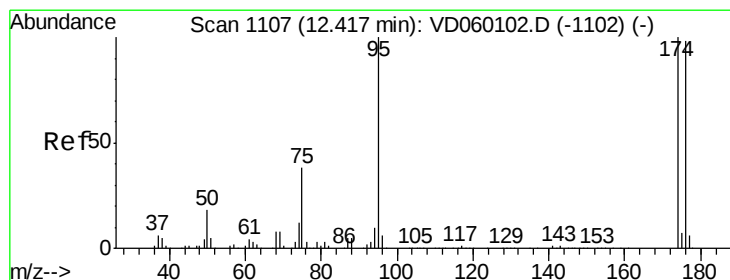
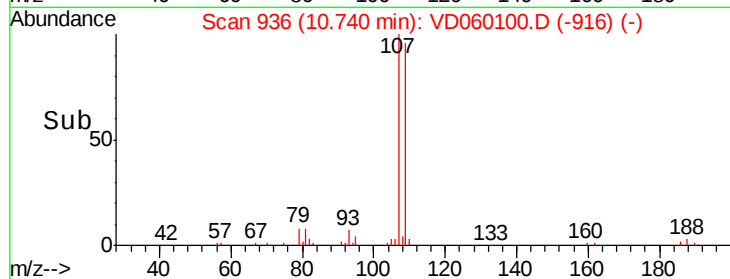
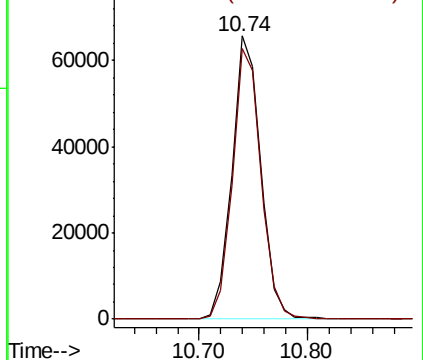
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 9.524 ug/l

RT: 12.41 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

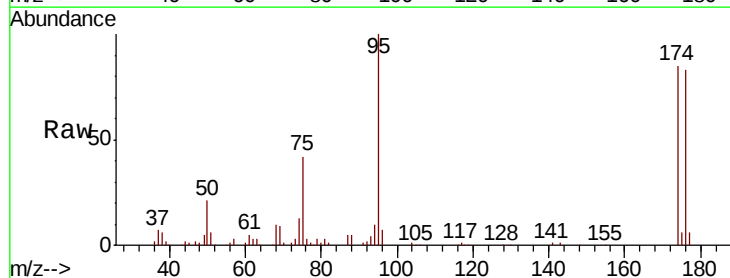
Tgt Ion: 95 Resp: 179910

Ion Ratio Lower Upper

95 100

174 84.5 0.0 200.2

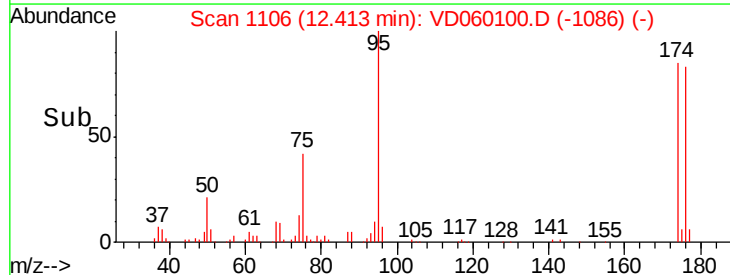
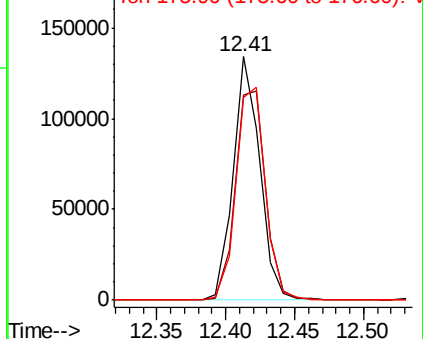
176 83.4 0.0 195.6

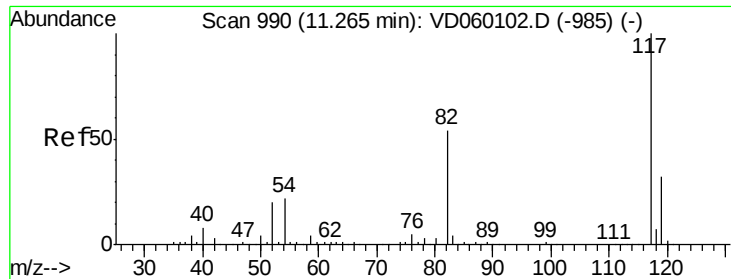


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V





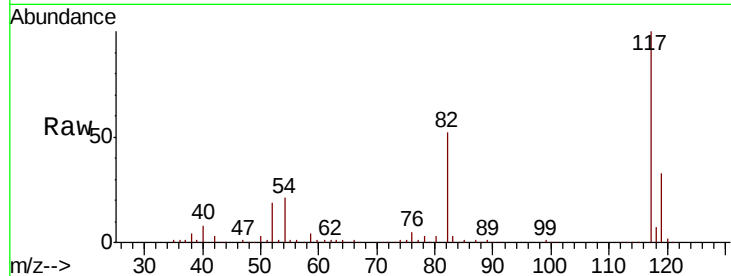
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. 0.01 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Instrument :
MSVOA_D
ClientSampled :
VSTDIC010

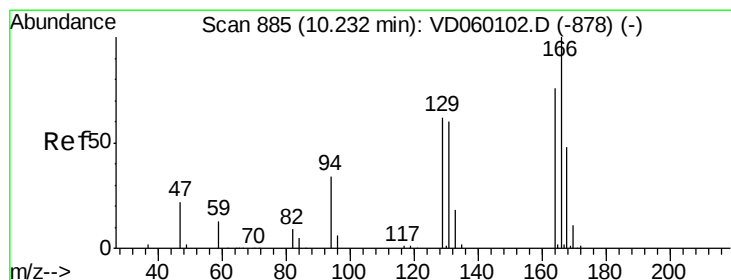
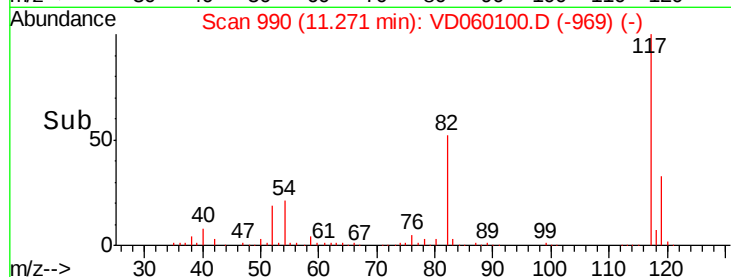
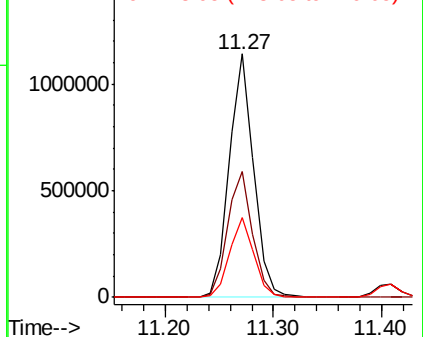
Tot Ion:117 Resp: 1788319
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.2
119 32.8 26.0 39.0

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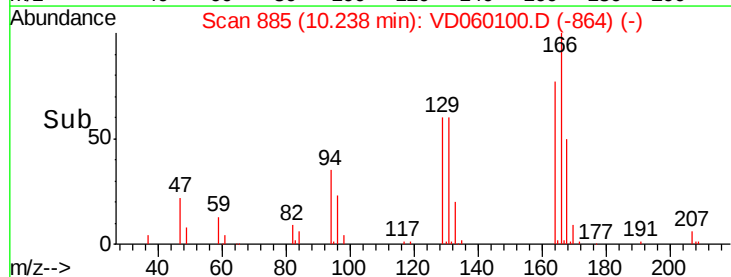
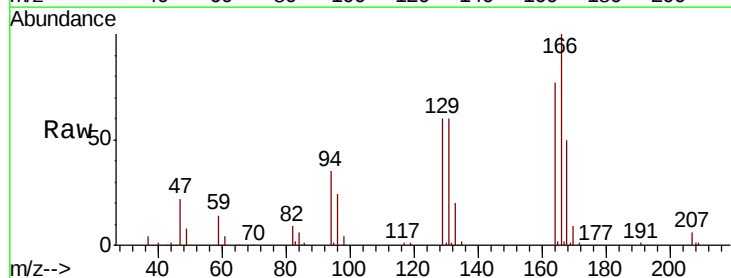
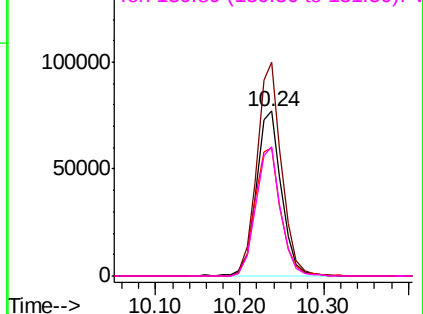
Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

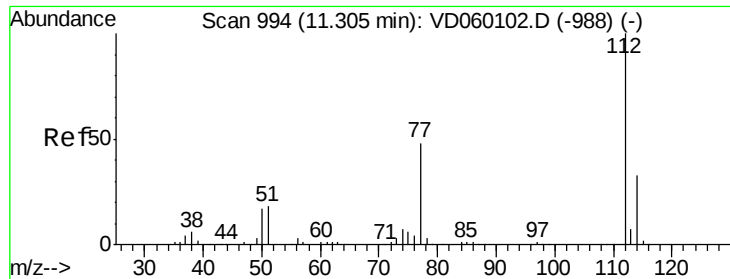


#64
Tetrachloroethene
Concen: 10.432 ug/l
RT: 10.24 min Scan# 885
Delta R.T. 0.01 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Tgt Ion:164 Resp: 162484
Ion Ratio Lower Upper
164 100
166 129.5 105.4 158.0
129 77.7 65.7 98.5
131 78.1 62.9 94.3

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





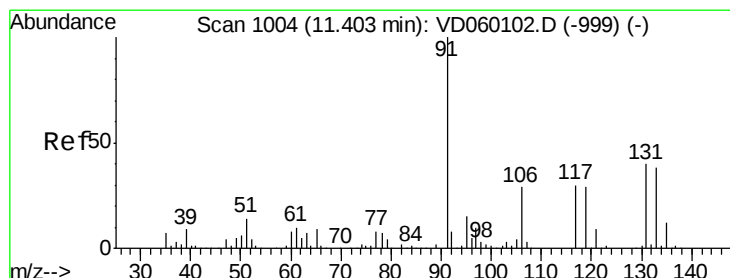
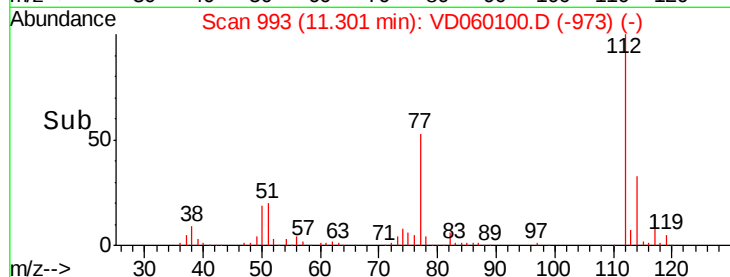
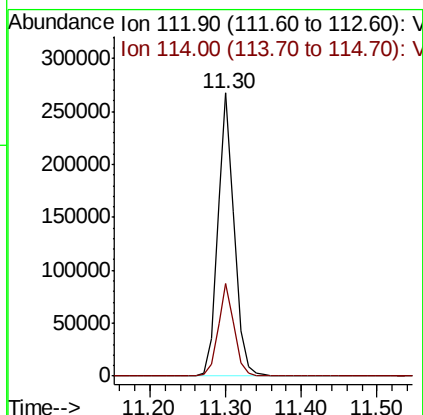
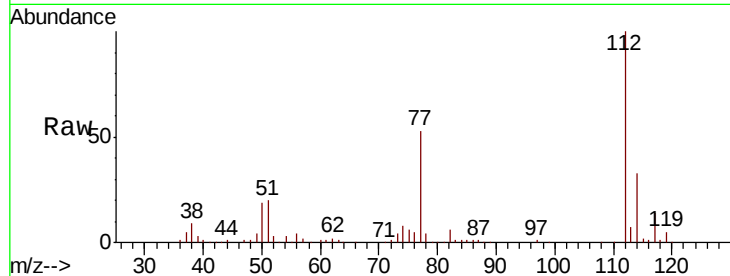
#65
Chlorobenzene
Concen: 10.682 ug/l
RT: 11.30 min Scan# 993
Delta R.T. -0.00 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion:112 Resp: 406217
Ion Ratio Lower Upper
112 100
114 32.6 26.0 39.0

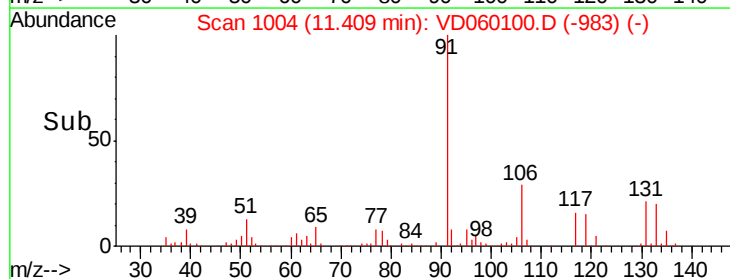
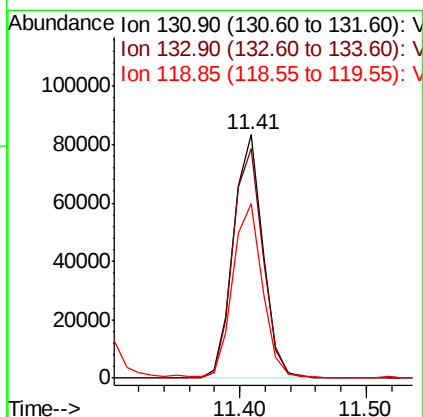
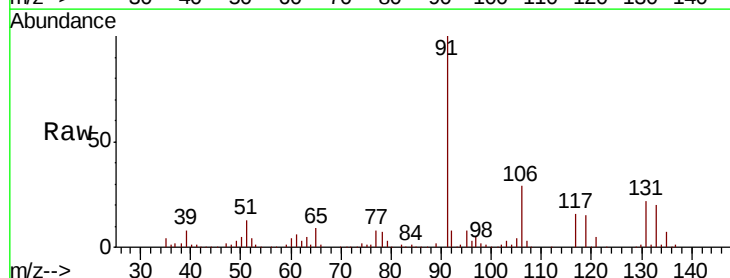
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#66
1,1,1,2-Tetrachloroethane
Concen: 10.469 ug/l
RT: 11.41 min Scan# 1004
Delta R.T. 0.01 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Tgt Ion:131 Resp: 133940
Ion Ratio Lower Upper
131 100
133 94.0 47.4 142.3
119 71.9 36.1 108.3





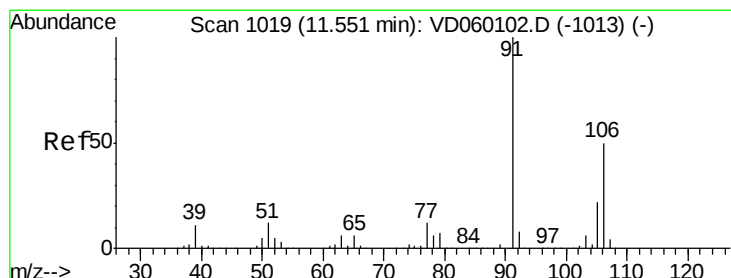
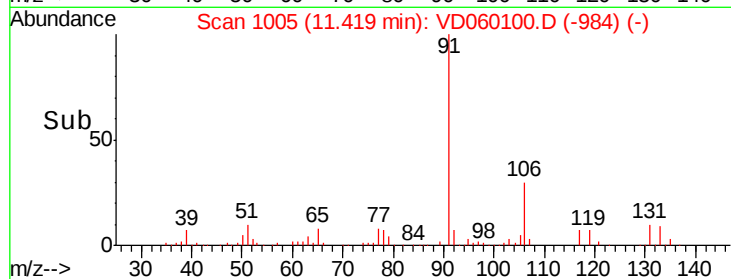
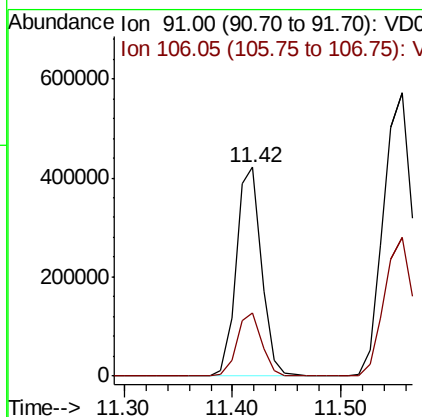
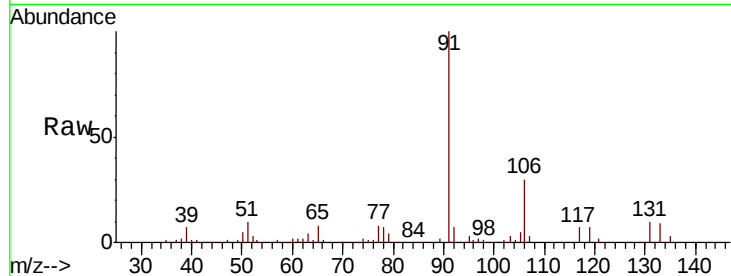
#67
Ethyl Benzene
Concen: 11.178 ug/l
RT: 11.42 min Scan# 1005
Delta R.T. 0.01 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 91 Resp: 682513
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6

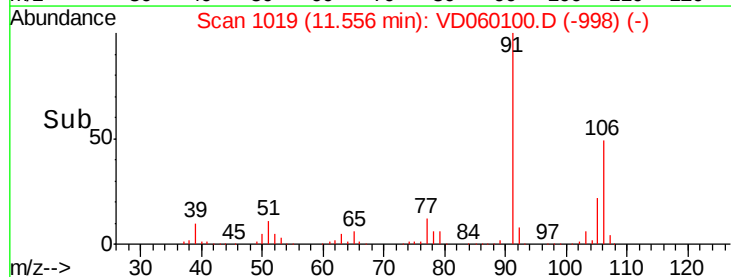
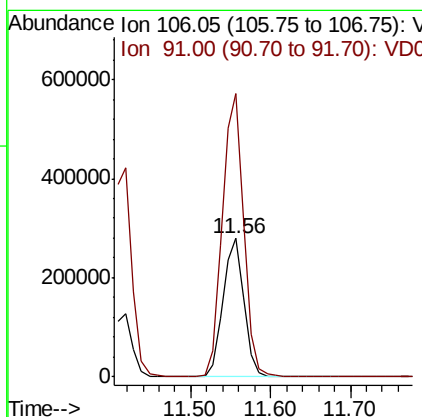
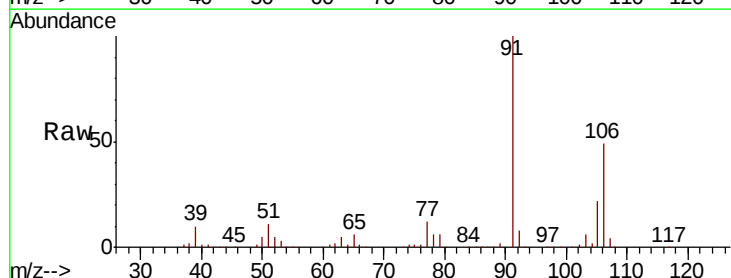
Manual Integrations
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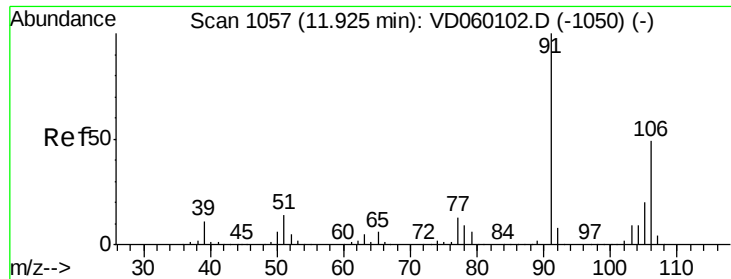
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#68
m/p-Xylenes
Concen: 23.096 ug/l
RT: 11.56 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Tgt Ion: 106 Resp: 519383
Ion Ratio Lower Upper
106 100
91 204.5 160.0 240.0





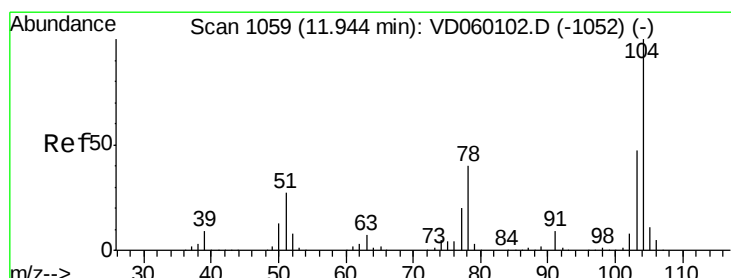
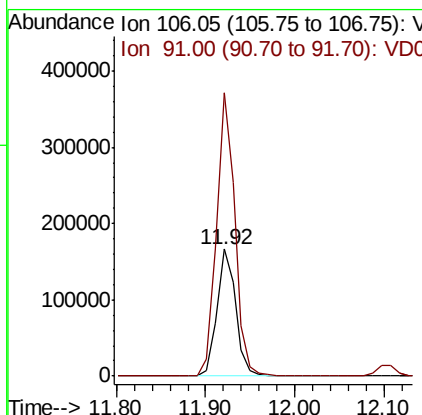
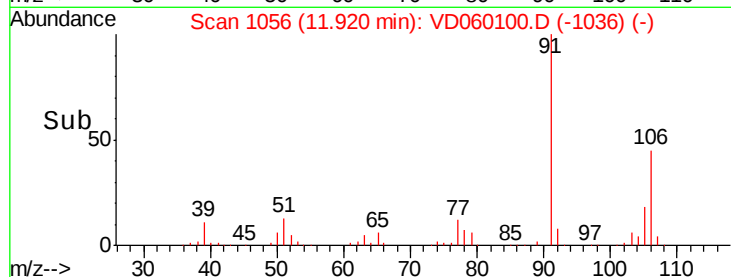
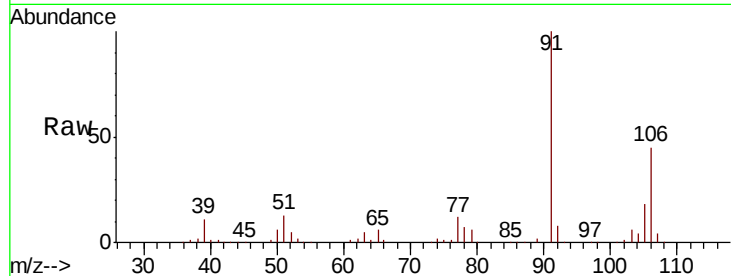
#69
o-Xylene
Concen: 10.873 ug/l
RT: 11.92 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion:106 Resp: 243857
Ion Ratio Lower Upper
106 100
91 222.8 102.5 307.5

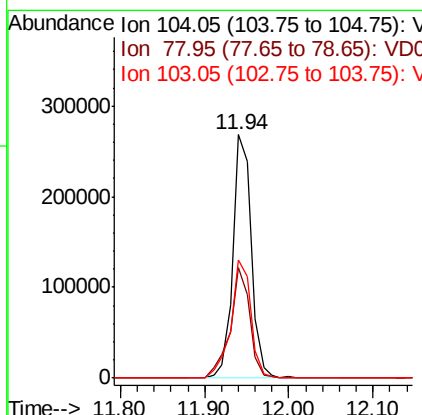
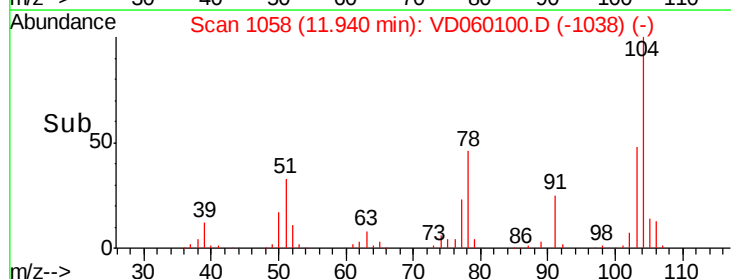
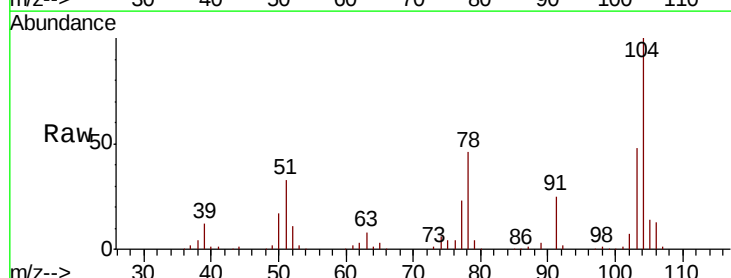
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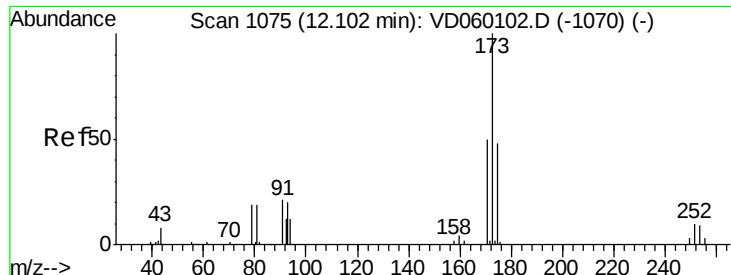
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#70
Styrene
Concen: 10.838 ug/l
RT: 11.94 min Scan# 1058
Delta R.T. -0.00 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Tgt Ion:104 Resp: 408126
Ion Ratio Lower Upper
104 100
78 45.5 32.2 48.4
103 48.4 37.4 56.0





#71

Bromoform

Concen: 8.926 ug/l

RT: 12.11 min Scan# 1075

Delta R.T. 0.01 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion:173 Resp: 97736

Ion Ratio Lower Upper

173 100

175 48.0 24.1 72.4

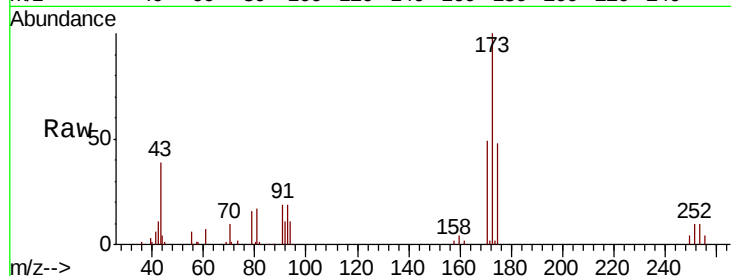
254 10.3 7.4 11.0

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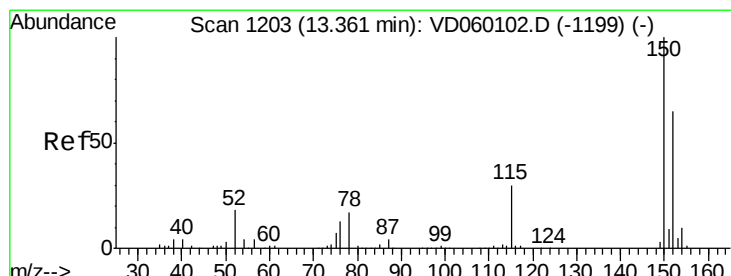
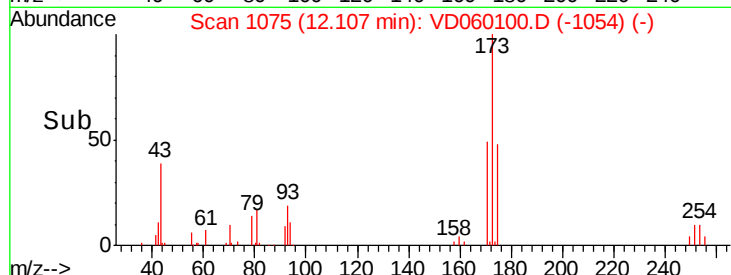
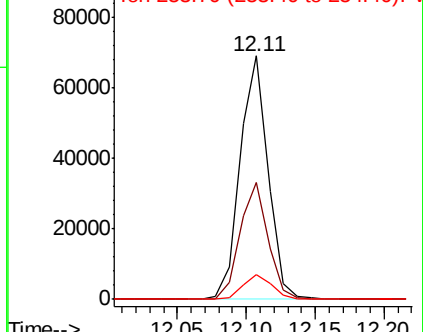
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Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.37 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

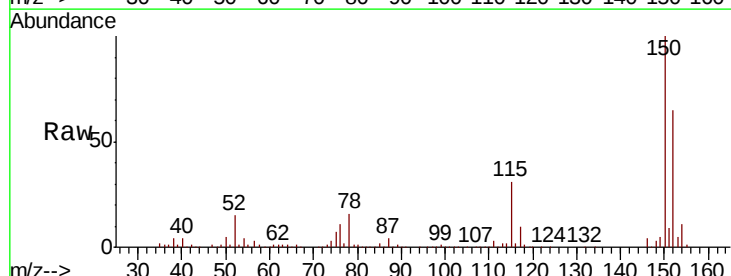
Tgt Ion:152 Resp: 959193

Ion Ratio Lower Upper

152 100

115 47.3 27.1 81.2

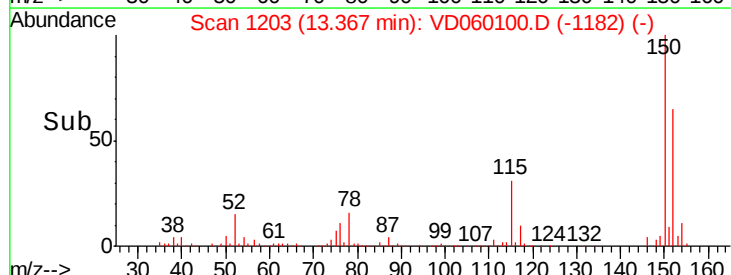
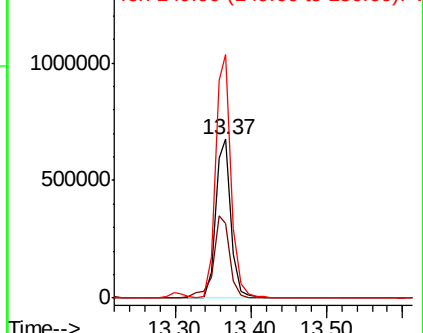
150 153.4 0.0 311.8

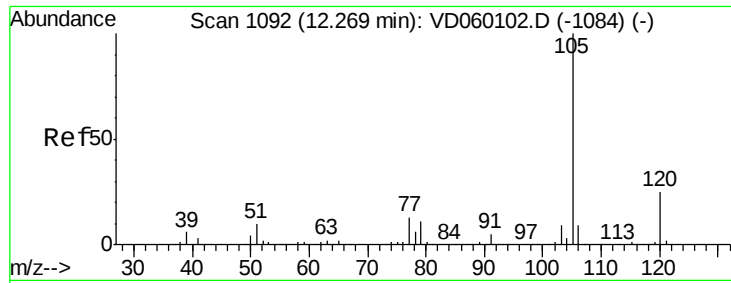


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 10.579 ug/l

RT: 12.26 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 105 Resp: 659396

Ion Ratio Lower Upper

105 100

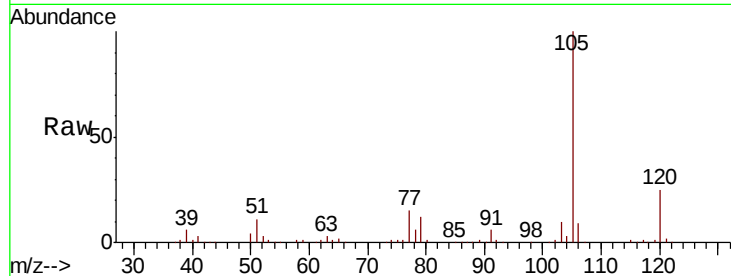
120 24.8 12.6 37.6

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Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

500000

400000

300000

200000

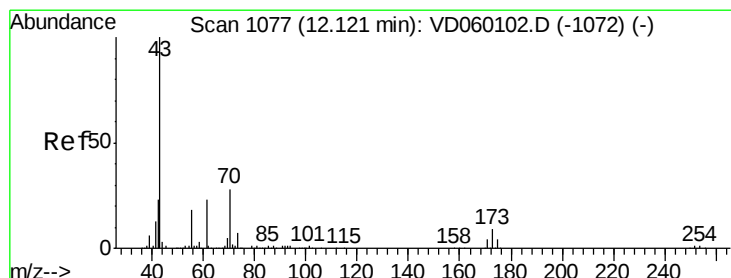
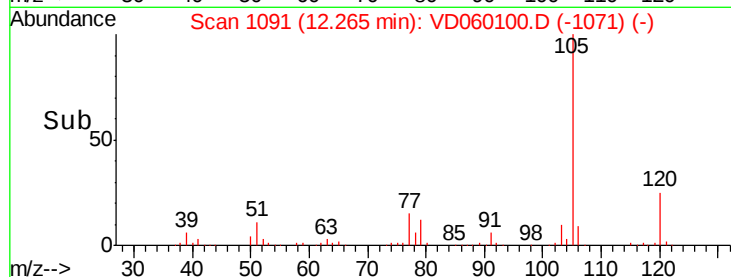
100000

0

12.26

12.20 12.30 12.40

Time-->



#74

N-ethyl acetate

Concen: 9.224 ug/l

RT: 12.13 min Scan# 1077

Delta R.T. 0.01 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Tgt Ion: 43 Resp: 226270

Ion Ratio Lower Upper

43 100

70 28.9 22.1 33.1

55 18.1 14.1 21.1

61 23.0 18.4 27.6

Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC

200000

150000

100000

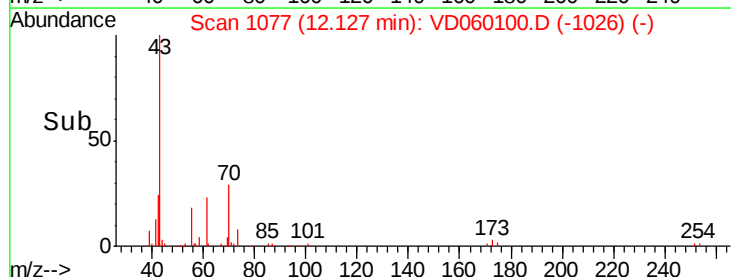
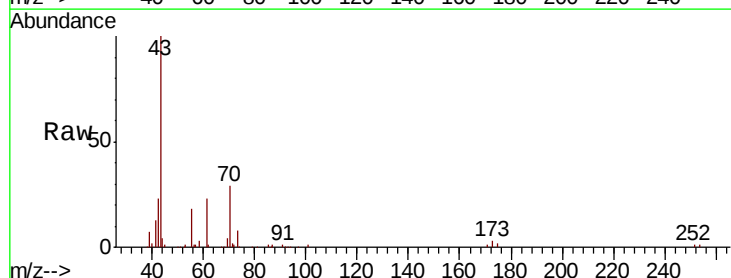
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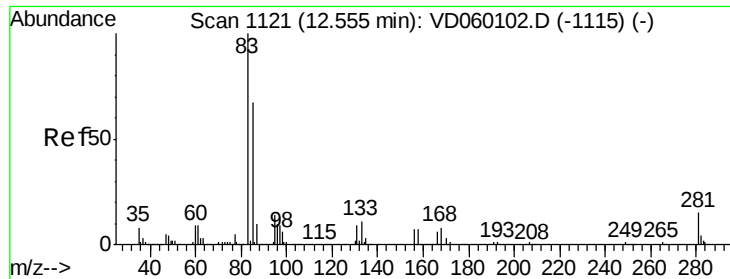
0

12.13

12.00 12.10 12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 9.657 ug/l

RT: 12.55 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Instrument :

MSVOA_D

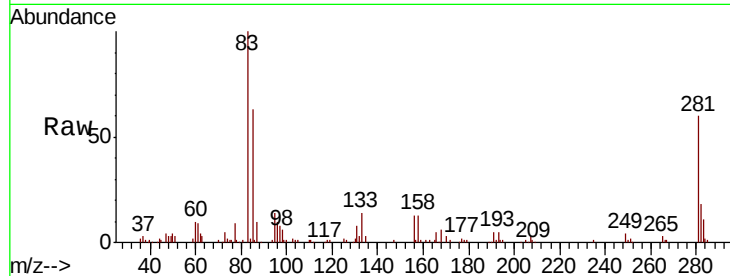
ClientSampleId :

VSTDIC010

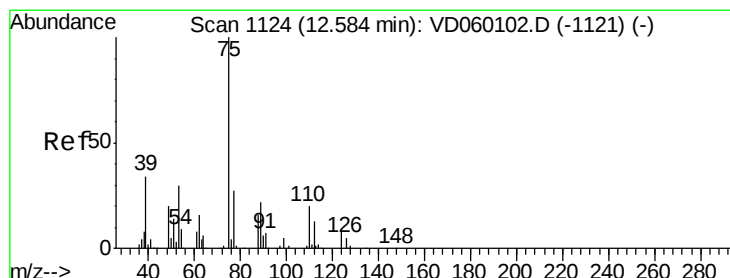
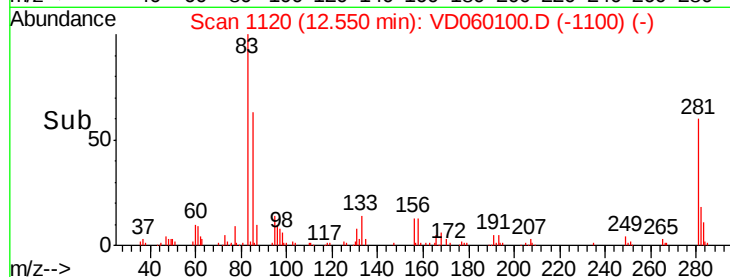
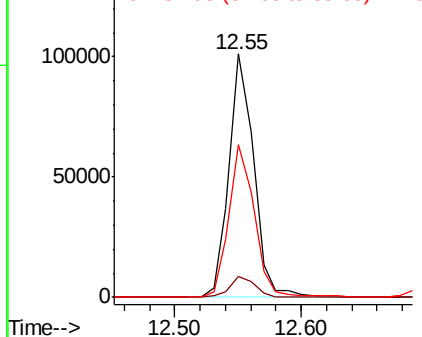
Tot Ion:	83	Resp:	136426
Ion Ratio	Lower	Upper	
83	100		
131	8.4	4.5	13.4
85	62.8	33.3	99.9

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



#76

1,2,3-Trichloropropane

Concen: 9.466 ug/l

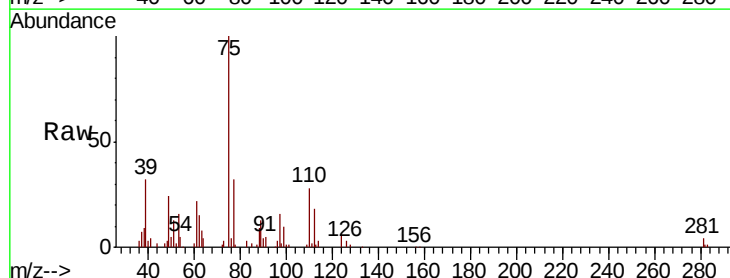
RT: 12.59 min Scan# 1124

Delta R.T. 0.01 min

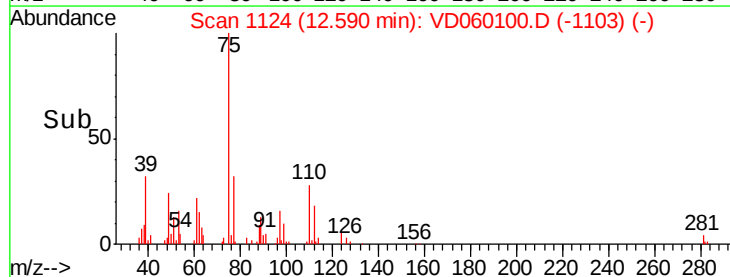
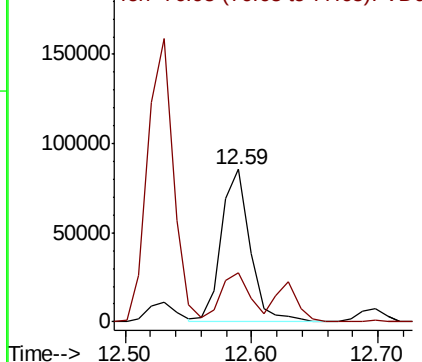
Lab File: VD060100.D

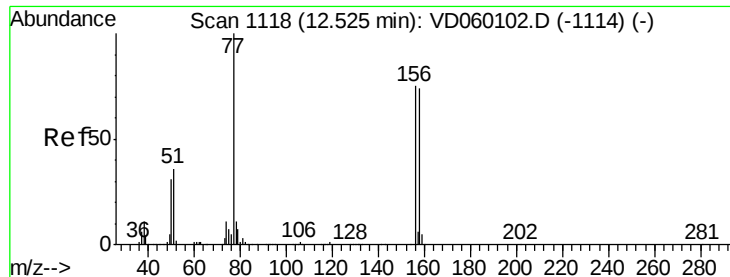
Acq: 1 Oct 2018 16:53

Tgt Ion:	75	Resp:	136472
Ion Ratio	Lower	Upper	
75	100		
77	32.4	16.3	48.9



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





#77

Bromobenzene

Concen: 10.357 ug/l

RT: 12.53 min Scan# 1118

Delta R.T. 0.01 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Instrument :

MSVOA_D

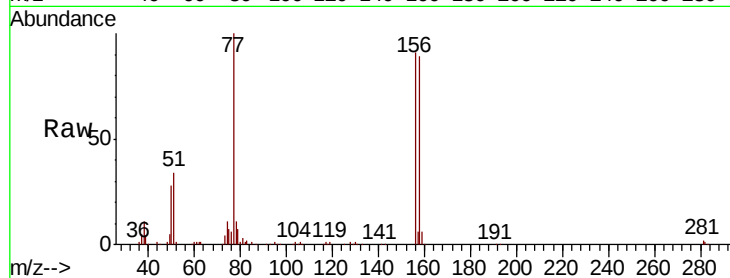
ClientSampleId :

VSTDIC010

Tot Ion	Ratio	Lower	Upper
156	100		
77	110.2	66.9	200.7
158	98.4	49.1	147.4

Manual Integrations
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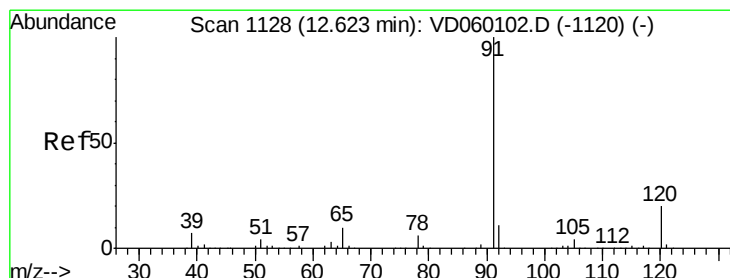
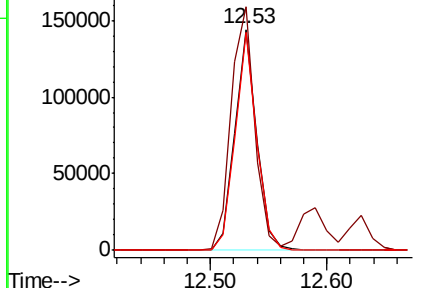
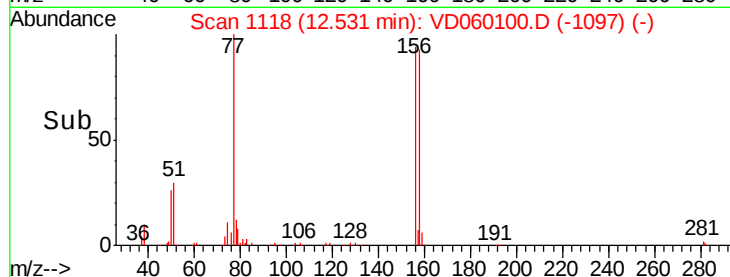
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Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 10.783 ug/l

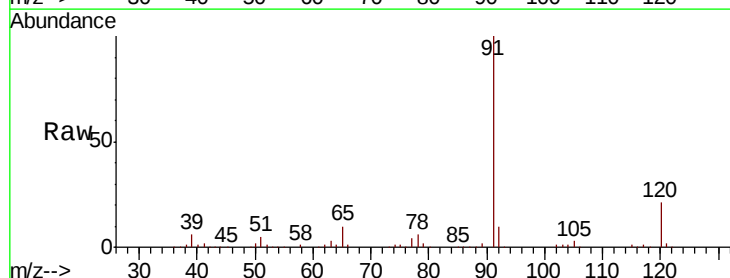
RT: 12.63 min Scan# 1128

Delta R.T. 0.01 min

Lab File: VD060100.D

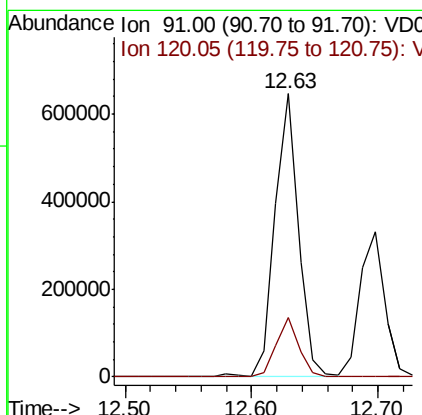
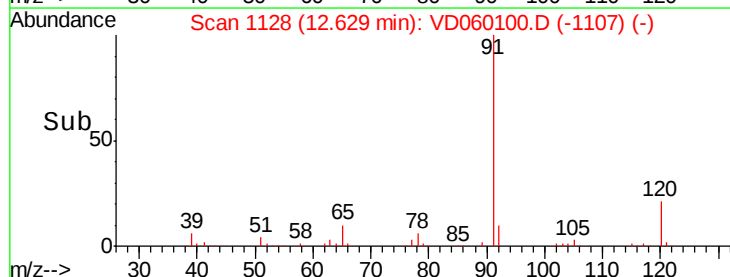
Acq: 1 Oct 2018 16:53

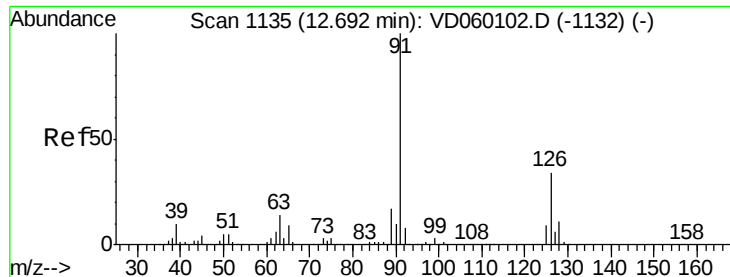
Tgt Ion	Ratio	Lower	Upper
91	100		
120	20.8	10.0	30.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 10.300 ug/l

RT: 12.70 min Scan# 1135

Delta R.T. 0.01 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 453428

Ion Ratio Lower Upper

91 100

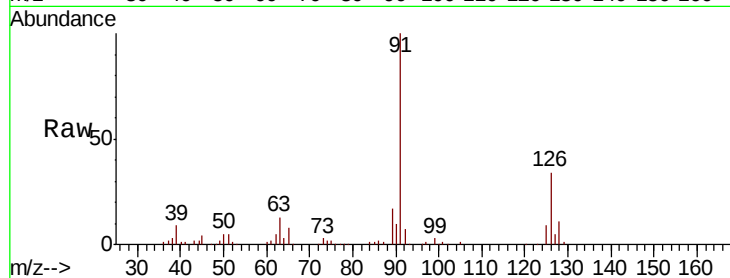
126 34.1 16.8 50.3

Manual Integrations

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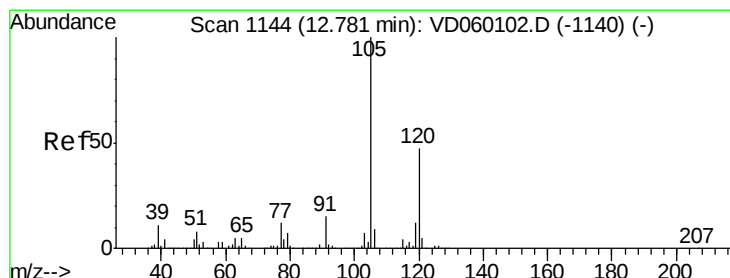
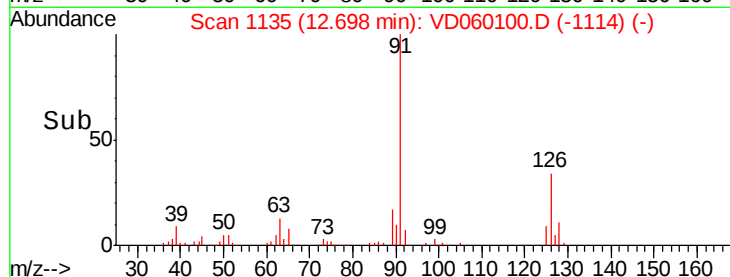
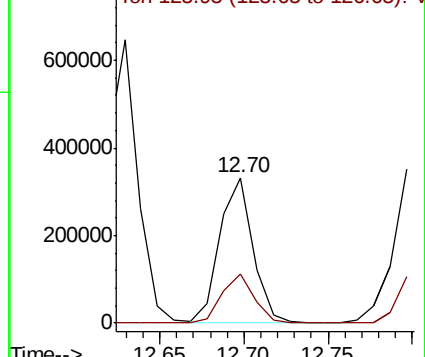
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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V



#80

1,3,5-Trimethylbenzene

Concen: 10.472 ug/l

RT: 12.79 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VD060100.D

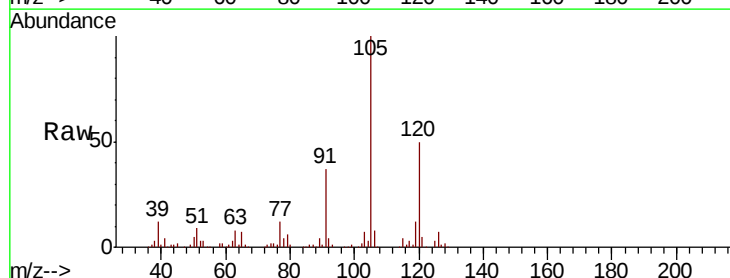
Acq: 1 Oct 2018 16:53

Tgt Ion: 105 Resp: 500032

Ion Ratio Lower Upper

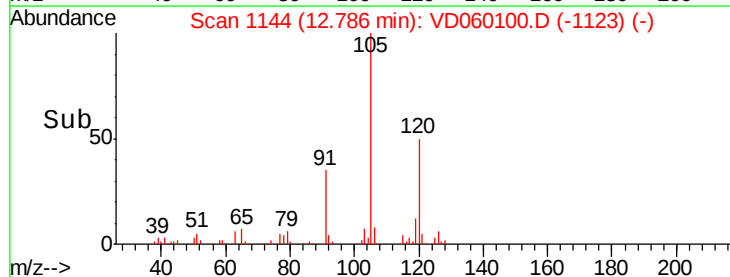
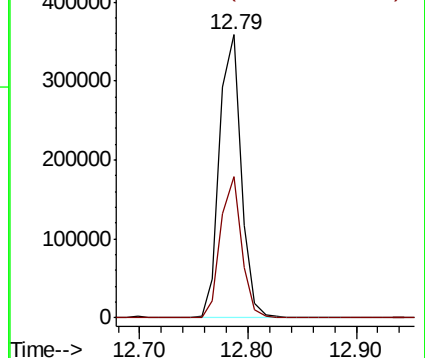
105 100

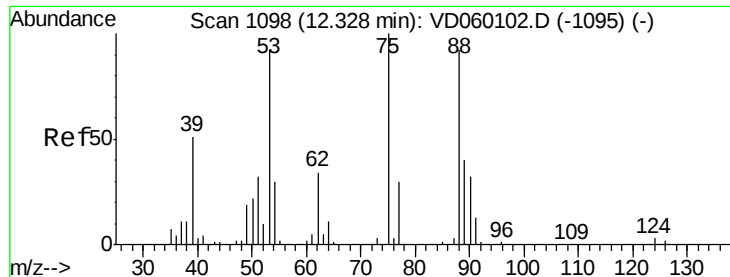
120 49.9 23.7 71.1



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: 7.974 ug/l

RT: 12.33 min Scan# 1098

Delta R.T. 0.01 min

Lab File: VD060100.D

Acq: 1 Oct 2018 16:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 75 Resp: 34639

Ion Ratio Lower Upper

75 100

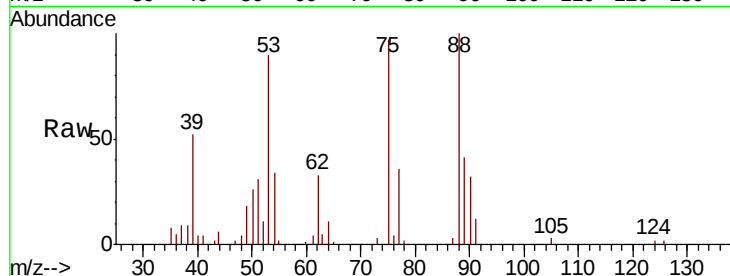
53 92.7 73.0 109.6

89 42.0 32.0 48.0

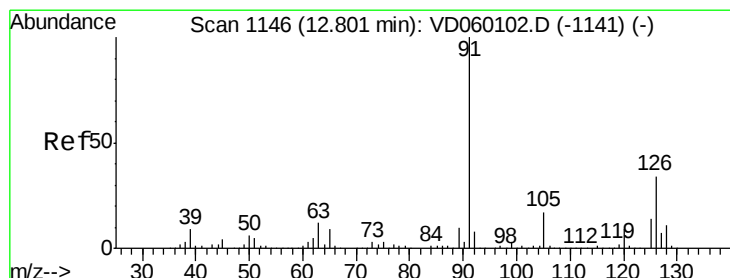
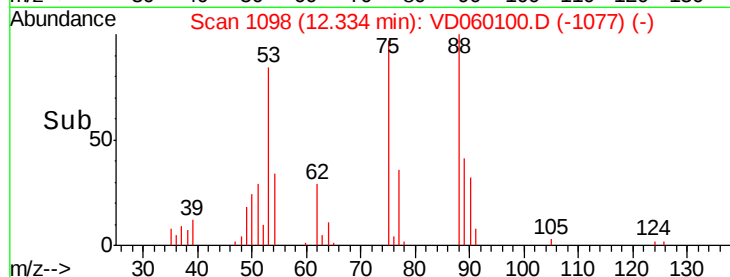
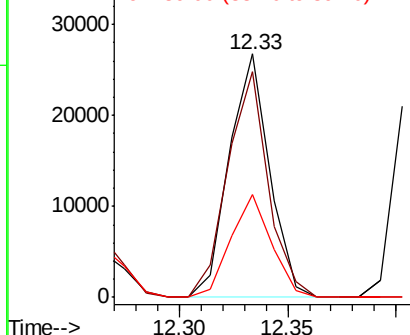
Manual Integrations
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Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 10.696 ug/l

RT: 12.80 min Scan# 1145

Delta R.T. -0.00 min

Lab File: VD060100.D

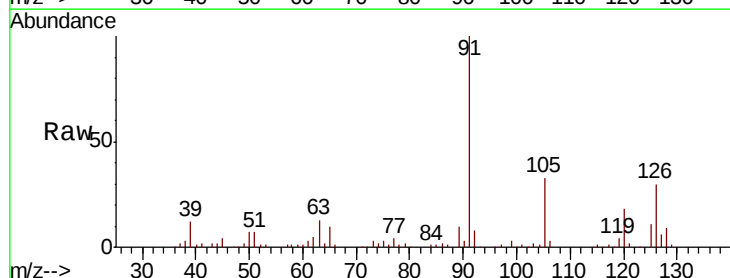
Acq: 1 Oct 2018 16:53

Tgt Ion: 91 Resp: 517757

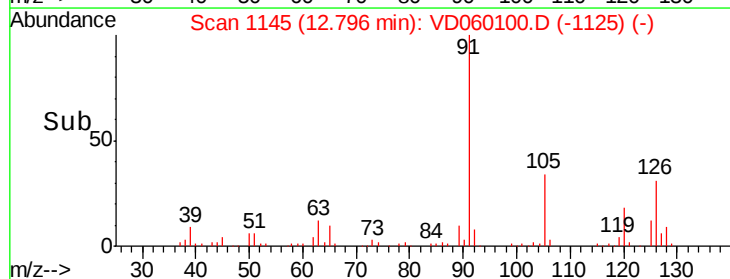
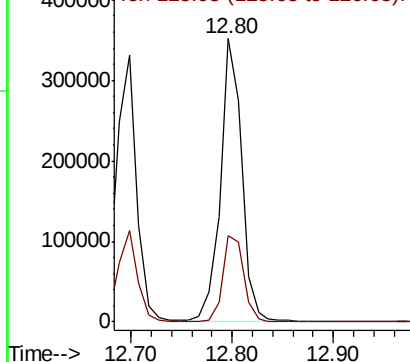
Ion Ratio Lower Upper

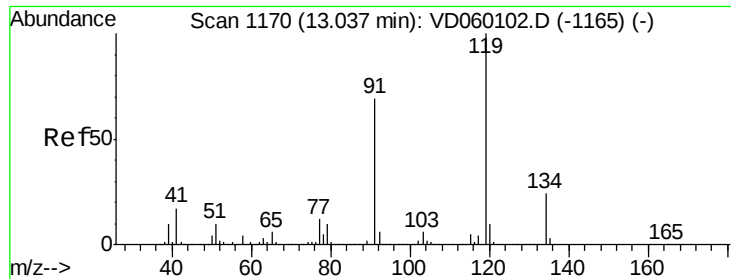
91 100

126 30.5 17.1 51.2



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





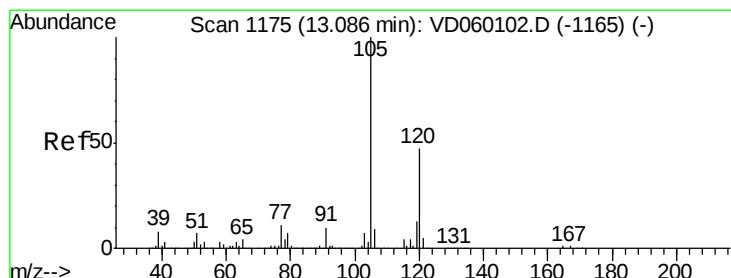
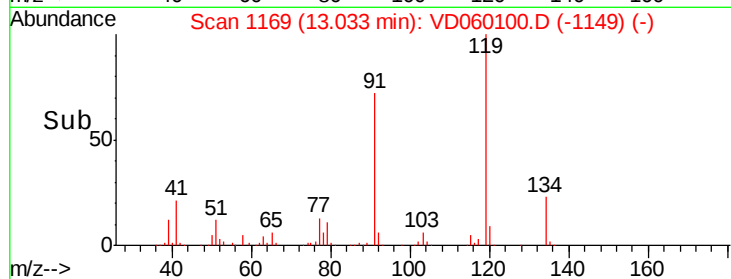
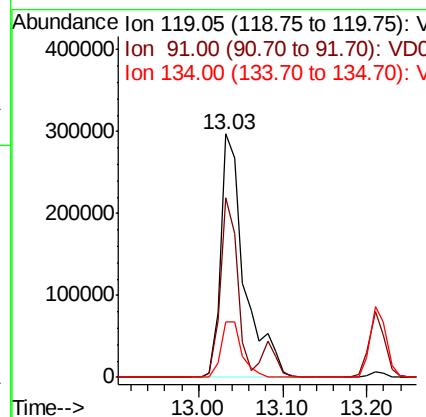
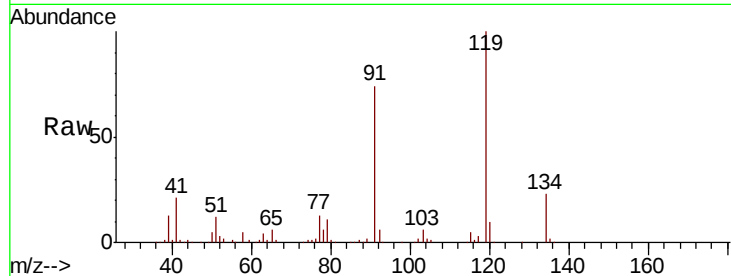
#83
tert-Butylbenzene
Concen: 10.505 ug/l
RT: 13.03 min Scan# 1169
Delta R.T. -0.00 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
119	100	582378		
91	73.7		34.8	104.4
134	22.7		11.8	35.4

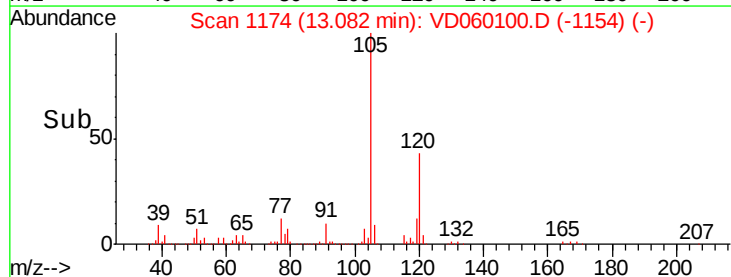
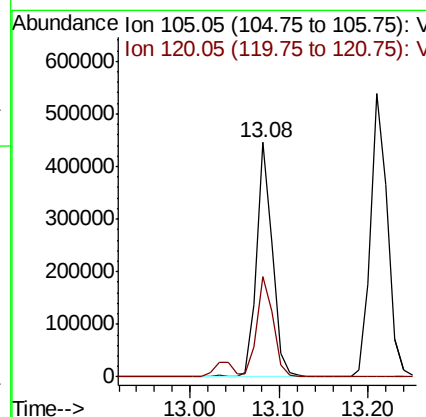
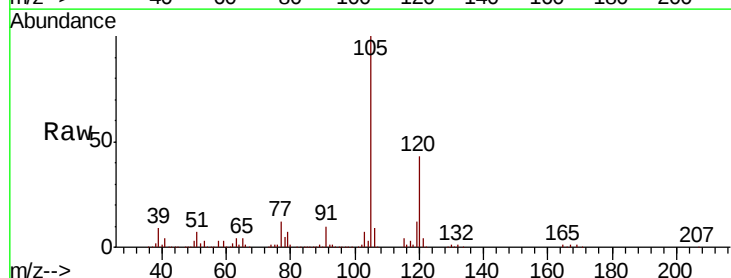
Manual Integrations
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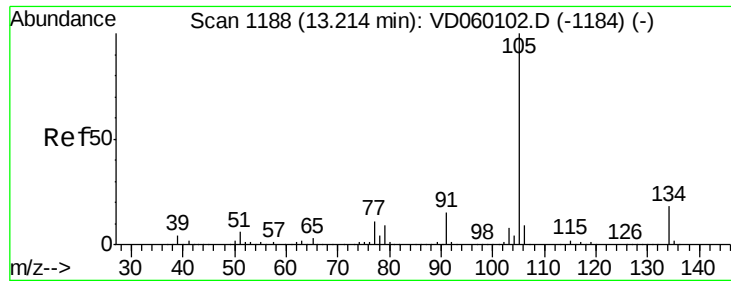
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#84
1,2,4-Trimethylbenzene
Concen: 10.557 ug/l
RT: 13.08 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	539574		
120	42.6		23.4	70.0





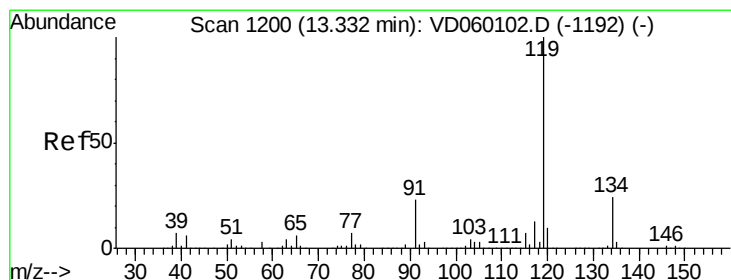
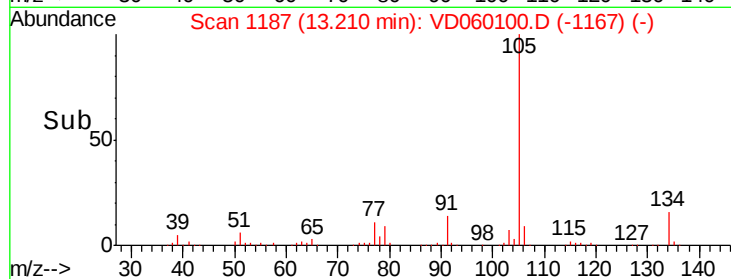
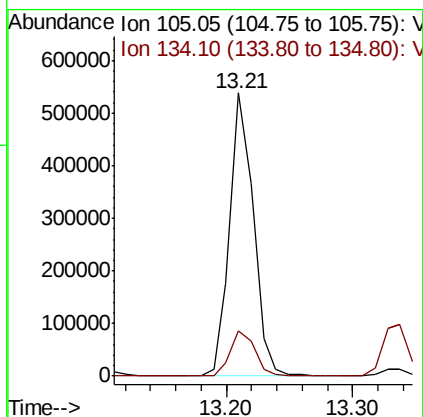
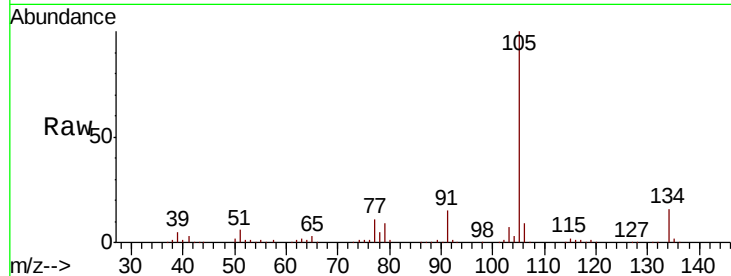
#85
 sec-Butylbenzene
 Concen: 10.681 ug/l
 RT: 13.21 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: VD060100.D
 Acq: 1 Oct 2018 16:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion:105 Resp: 698718
 Ion Ratio Lower Upper
 105 100
 134 16.1 8.8 26.2

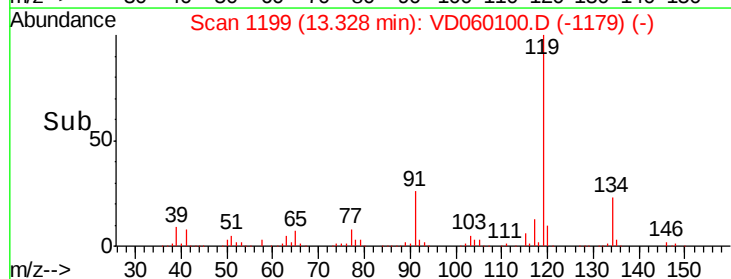
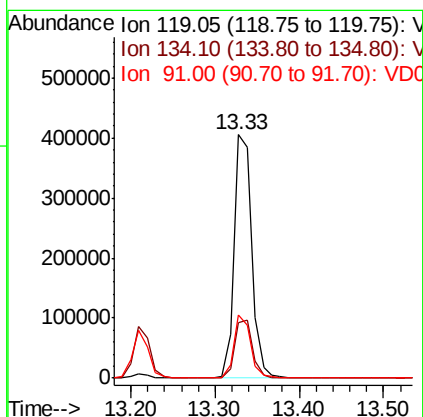
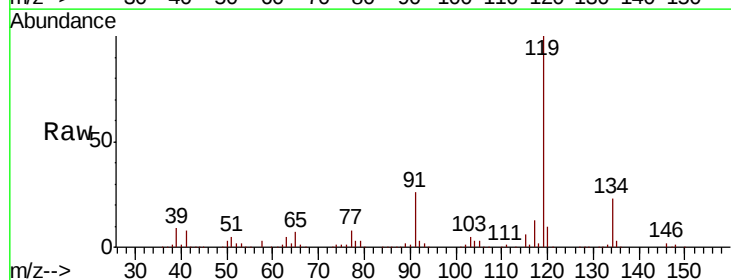
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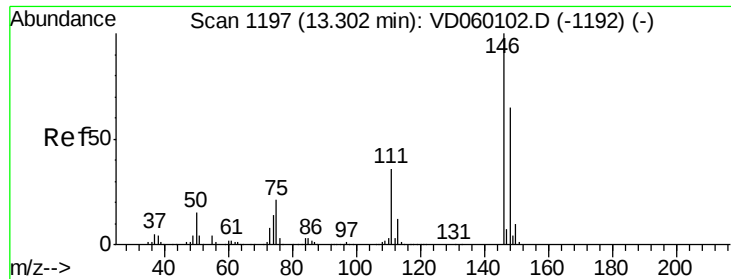
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#86
 p-Isopropyltoluene
 Concen: 11.146 ug/l
 RT: 13.33 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: VD060100.D
 Acq: 1 Oct 2018 16:53

Tgt Ion:119 Resp: 590126
 Ion Ratio Lower Upper
 119 100
 134 22.6 12.3 36.8
 91 26.1 11.8 35.4





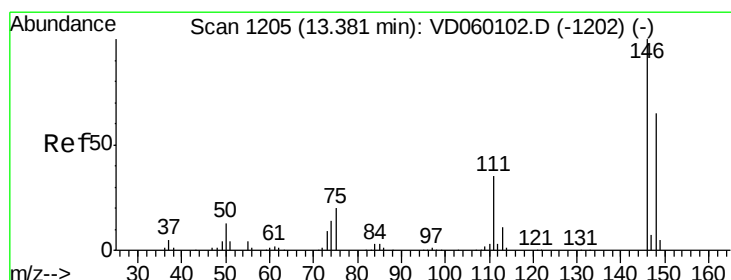
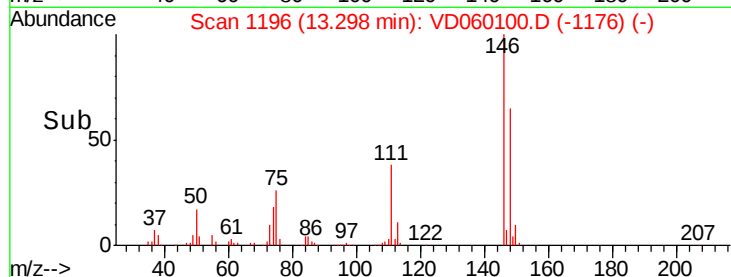
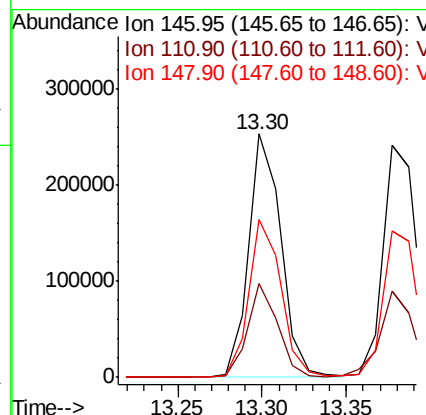
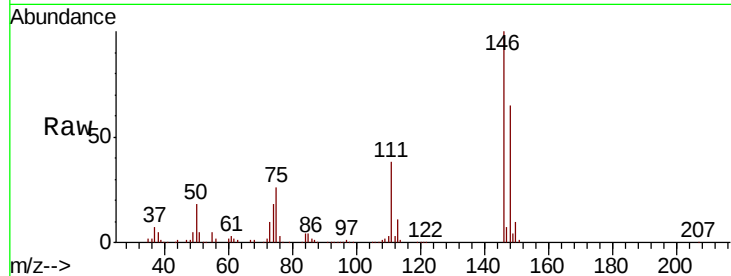
#87
 1,3-Dichlorobenzene
 Concen: 10.761 ug/l
 RT: 13.30 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: VD060100.D
 Acq: 1 Oct 2018 16:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.1	54.3
148	64.6	32.3	96.9

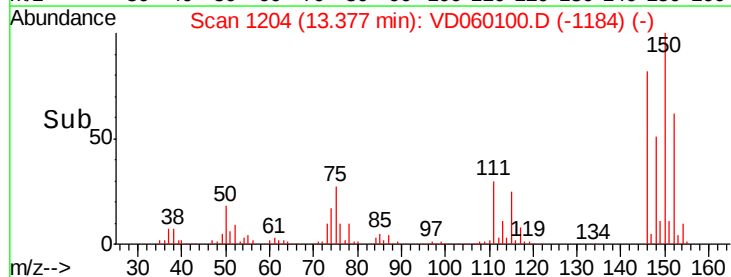
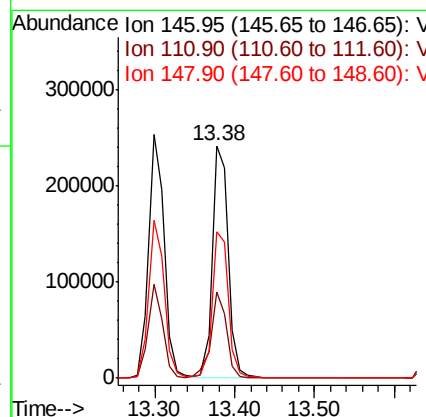
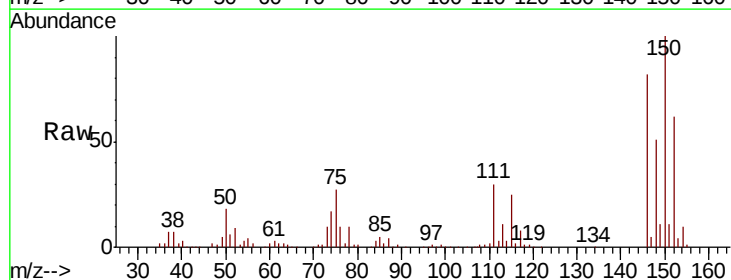
Manual Integrations
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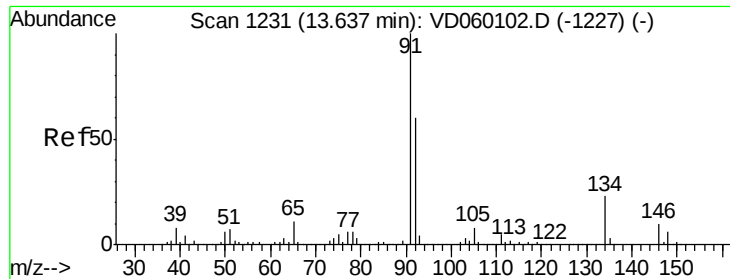
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 10.699 ug/l
 RT: 13.38 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: VD060100.D
 Acq: 1 Oct 2018 16:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	17.8	53.3
148	63.1	32.4	97.2





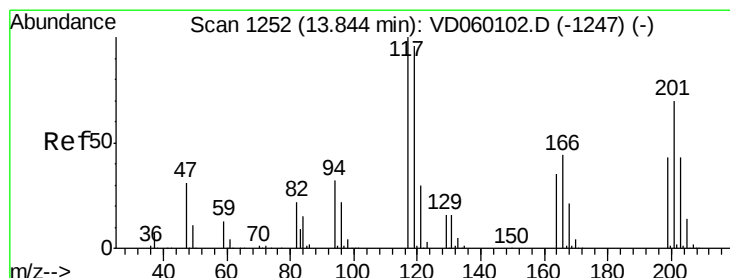
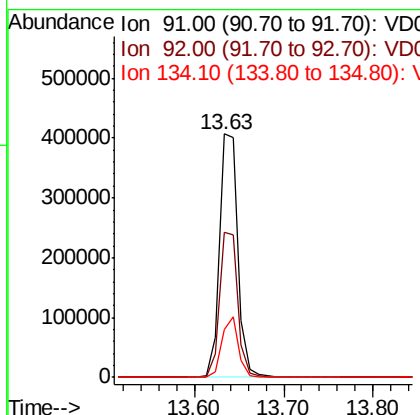
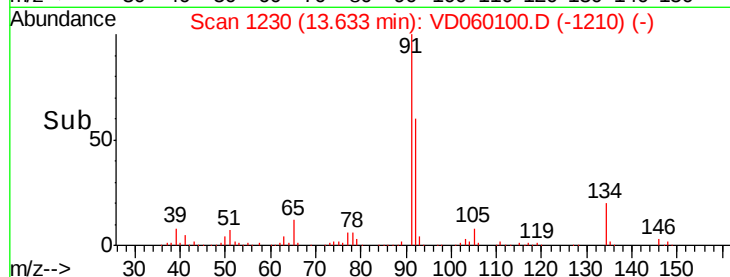
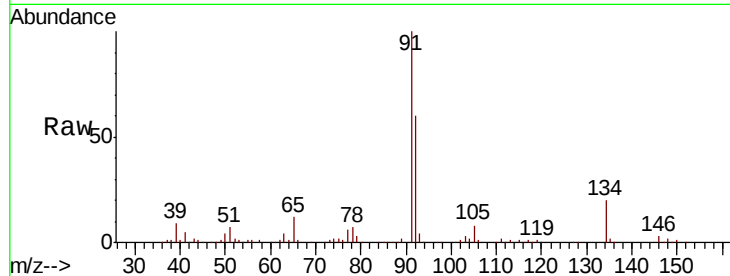
#89
n-Butylbenzene
Concen: 11.459 ug/l
RT: 13.63 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Instrument :
MSVOA_D
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
91	100	590985		
92	59.6		30.1	90.3
134	19.6		11.6	34.7

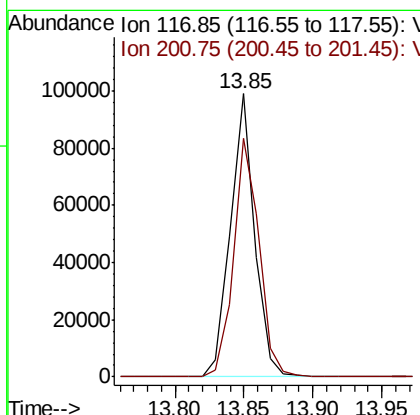
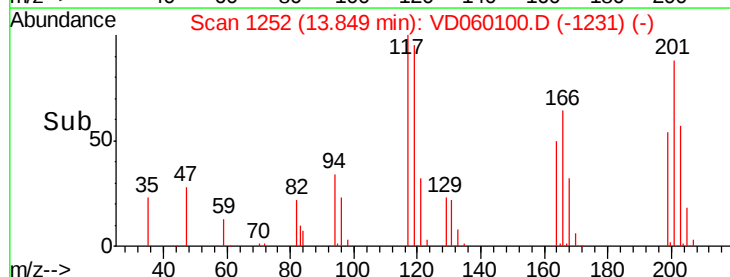
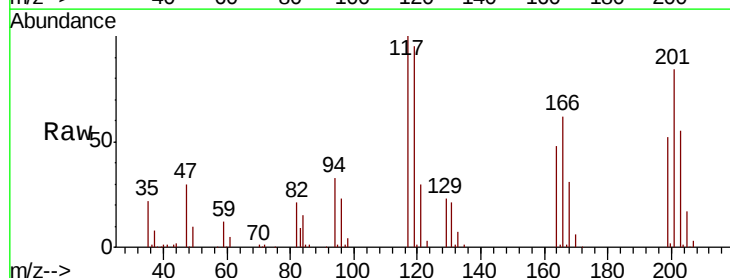
Manual Integrations
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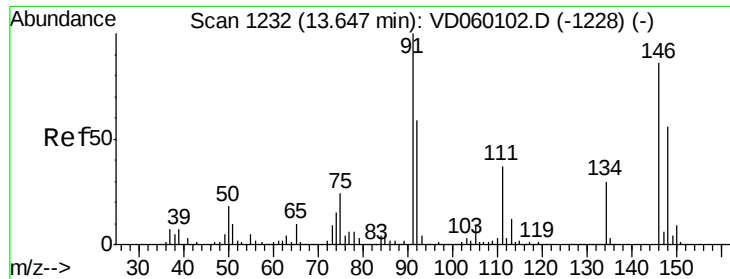
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#90
Hexachloroethane
Concen: 9.206 ug/l
RT: 13.85 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	120534		
201	84.2		34.8	104.5





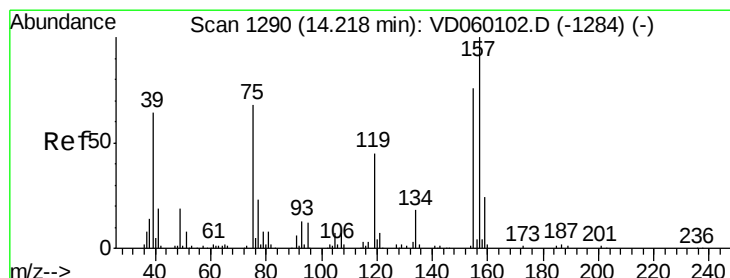
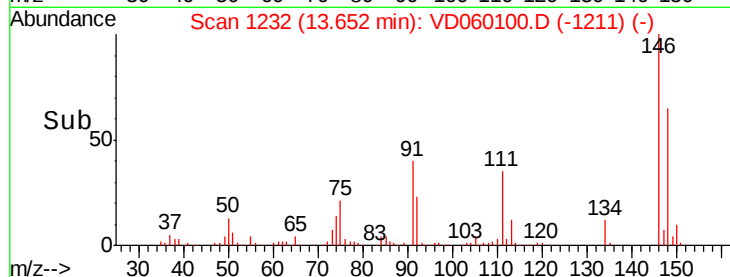
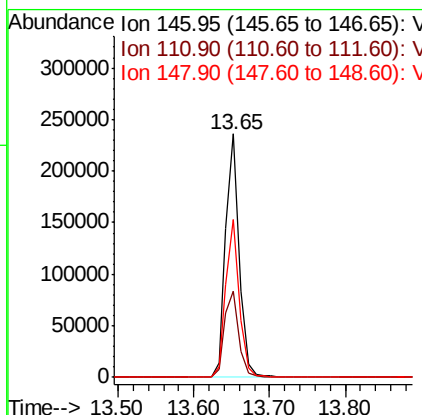
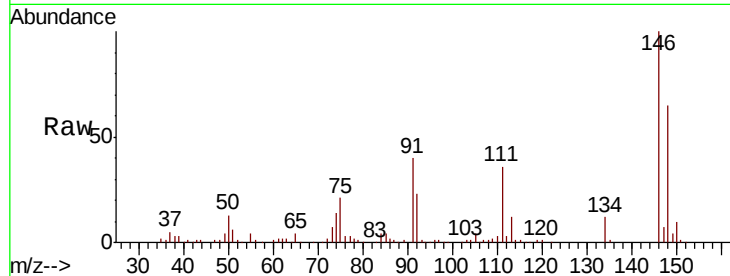
#91
 1,2-Dichlorobenzene
 Concen: 11.448 ug/l
 RT: 13.65 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: VD060100.D
 Acq: 1 Oct 2018 16:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.5	21.4	64.3
148	64.8	32.2	96.6

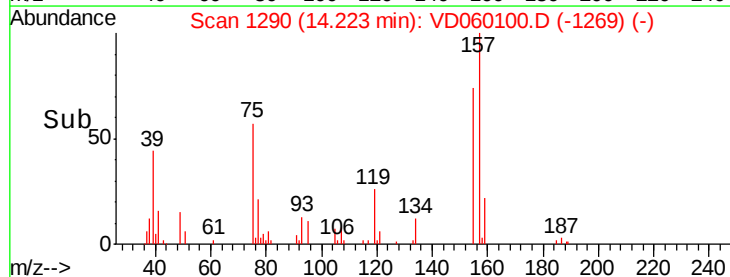
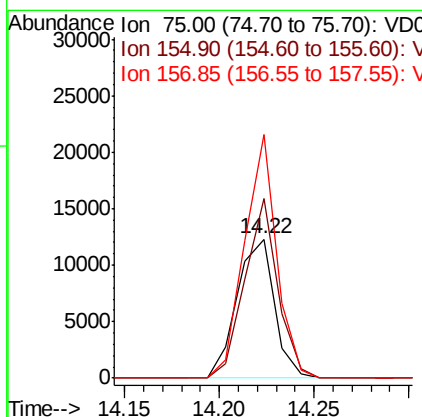
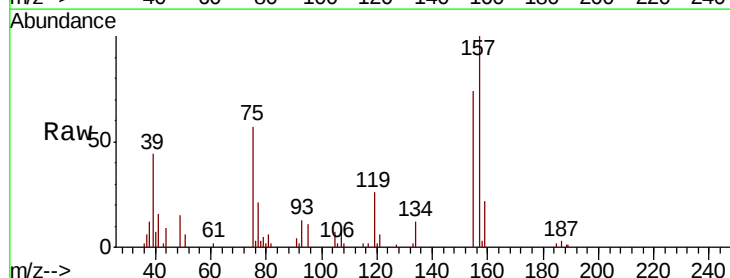
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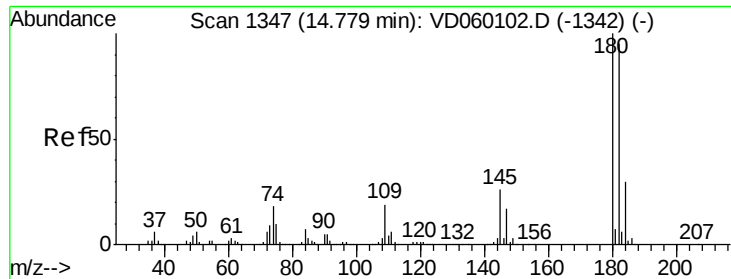
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 7.791 ug/l
 RT: 14.22 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: VD060100.D
 Acq: 1 Oct 2018 16:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	129.1	55.9	167.7
157	175.6	73.3	219.8





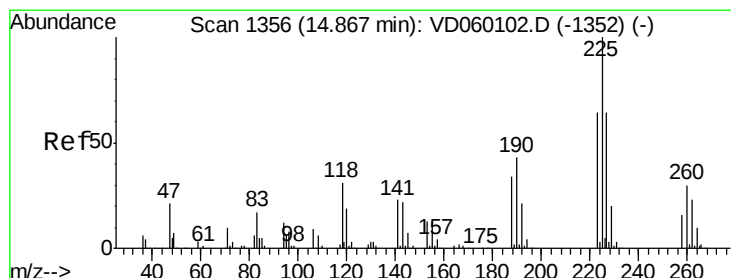
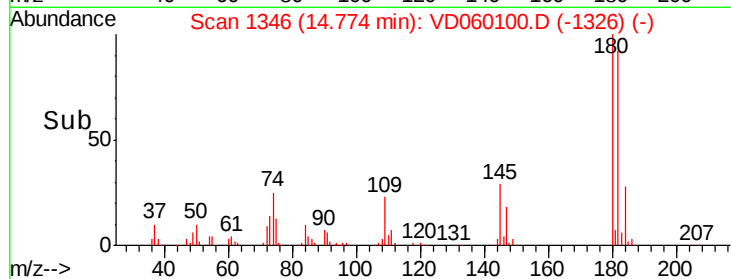
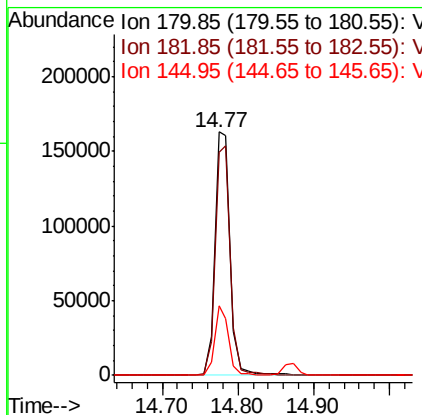
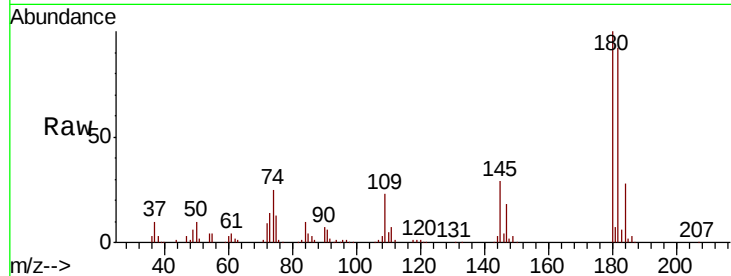
#93
 1,2,4-Trichlorobenzene
 Concen: 10.462 ug/l
 RT: 14.77 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VD060100.D
 Acq: 1 Oct 2018 16:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
180	100	233696		
182	91.7	47.3	141.8	
145	28.6	13.0	38.9	

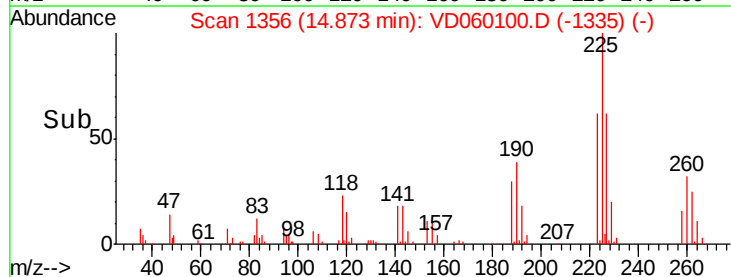
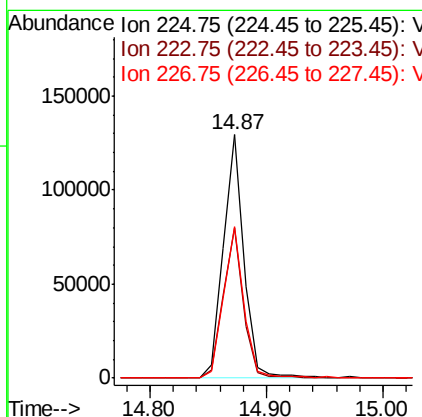
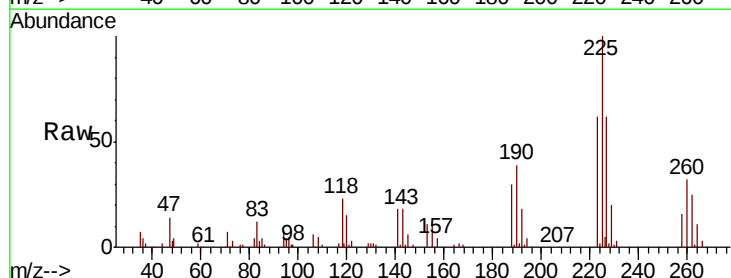
Manual Integrations
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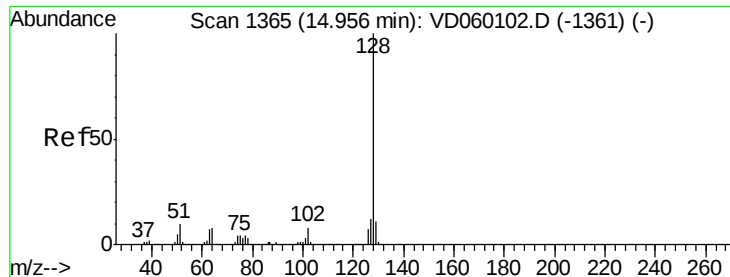
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#94
 Hexachlorobutadiene
 Concen: 10.645 ug/l
 RT: 14.87 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: VD060100.D
 Acq: 1 Oct 2018 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	157549		
223	61.7	31.8	95.4	
227	62.0	32.0	96.0	





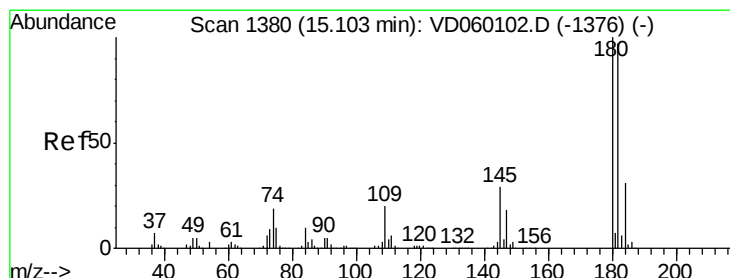
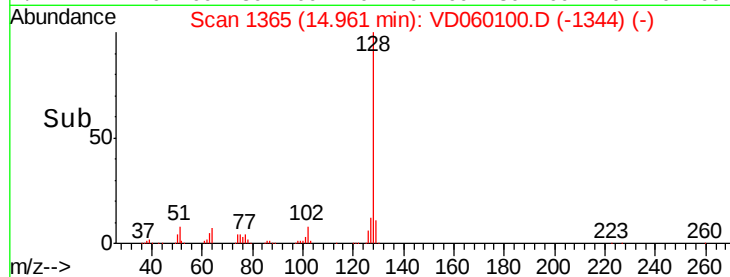
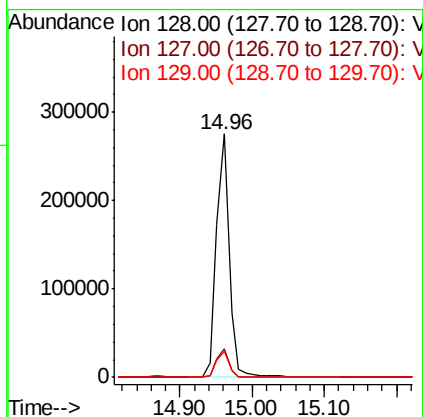
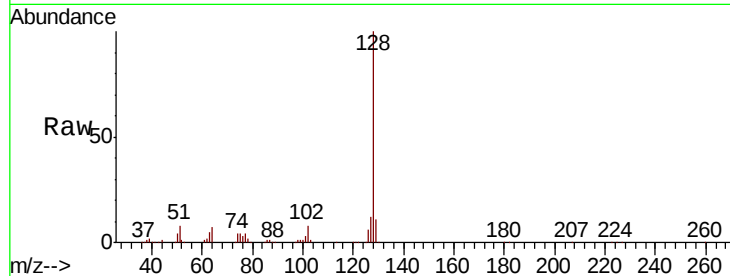
#95
Naphthalene
Concen: 9.754 ug/l
RT: 14.96 min Scan# 1365
Delta R.T. 0.01 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.8	9.9	14.9
129	10.9	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 10.209 ug/l
RT: 15.11 min Scan# 1380
Delta R.T. 0.01 min
Lab File: VD060100.D
Acq: 1 Oct 2018 16:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	48.4	145.0
145	24.3	14.5	43.6

