

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041219\
 Data File : VD061775.D
 Acq On : 12 Apr 2019 13:45
 Operator : VA/AP
 Sample : K2344-01RE
 Misc : 5.03g/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WOOD-1RE

Quant Time: Apr 12 14:40:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	188151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	297026	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	227834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	71619	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	119224	83.60	ug/l	0.00
Spiked Amount			Recovery	=	167.20%	
35) Dibromofluoromethane	6.92	113	147974	71.91	ug/l	0.00
Spiked Amount			Recovery	=	143.82%	
50) Toluene-d8	10.40	98	304202	58.84	ug/l	0.00
Spiked Amount			Recovery	=	117.68%	
62) 4-Bromofluorobenzene	13.54	95	81145	43.44	ug/l	0.00
Spiked Amount			Recovery	=	86.88%	

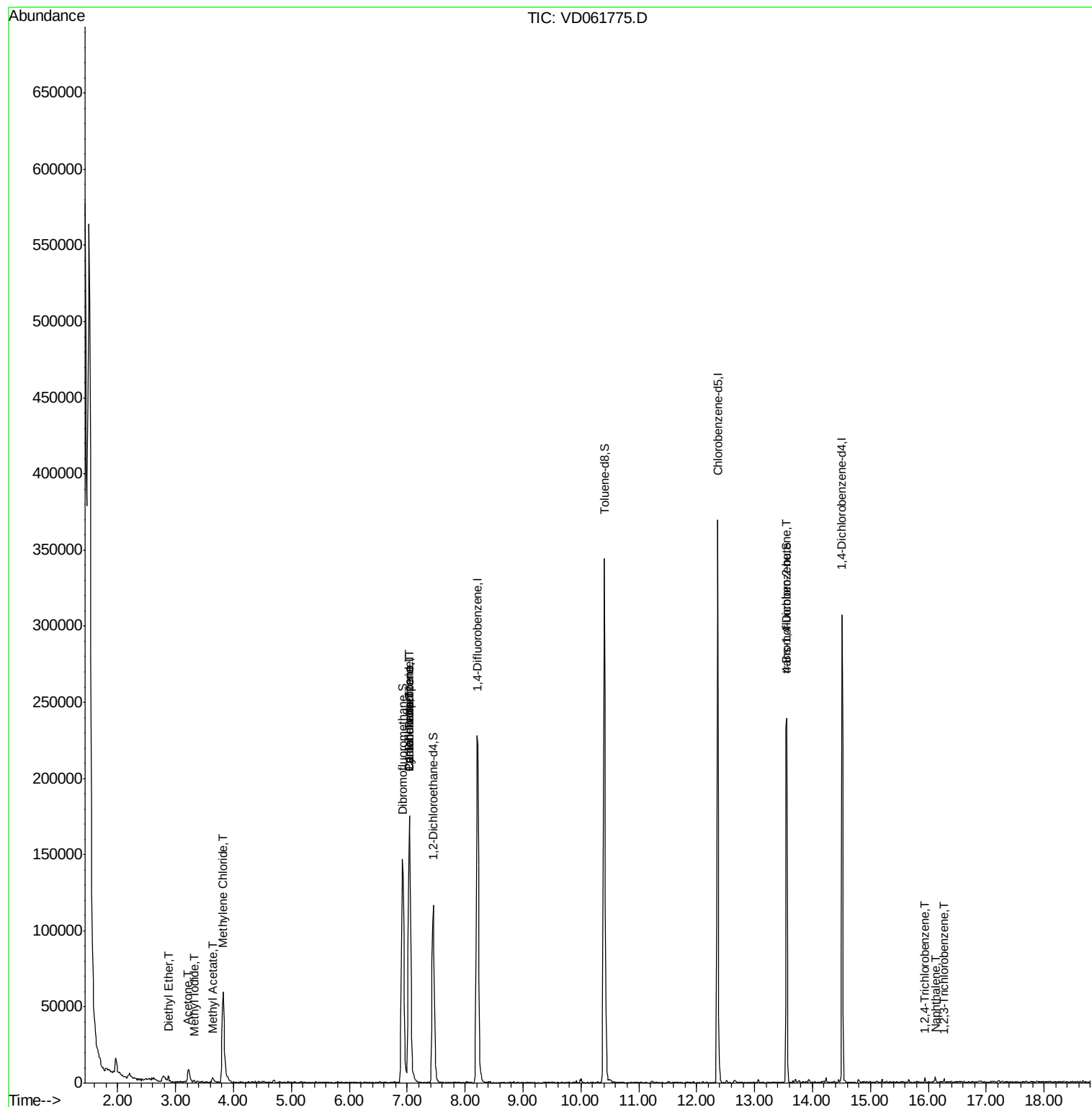
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.87	74	1268	1.952	ug/l #	42
10) Methyl Iodide	3.33	142	1102	3.955	ug/l #	86
16) Acetone	3.22	43	18496	43.384	ug/l	98
18) Methyl Acetate	3.64	43	6186	7.712	ug/l #	89
20) Methylene Chloride	3.82	84	47345	19.570	ug/l	97
31) Cyclohexane	7.04	56	3484	1.298	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	14119	5.431	ug/l #	39
38) Carbon Tetrachloride	7.04	117	18199	5.973	ug/l #	11
81) trans-1,4-Dichloro-2-buten	13.54	75	31911	107.925	ug/l #	20
93) 1,2,4-Trichlorobenzene	15.94	180	1238	1.237	ug/l	83
95) Naphthalene	16.11	128	3827	2.416	ug/l #	70
96) 1,2,3-Trichlorobenzene	16.27	180	724	1.449	ug/l #	73

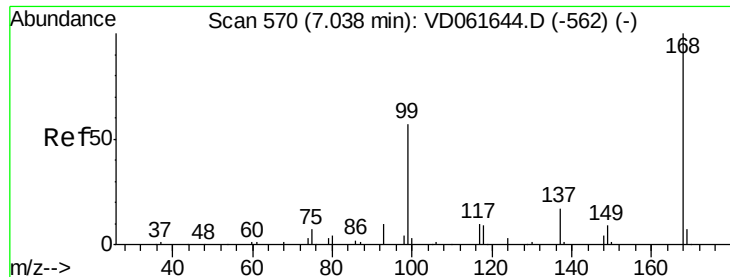
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD041219\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD061775.D

Acq: 12 Apr 2019 13:45

Instrument :

MSVOA_D

ClientSampleId :

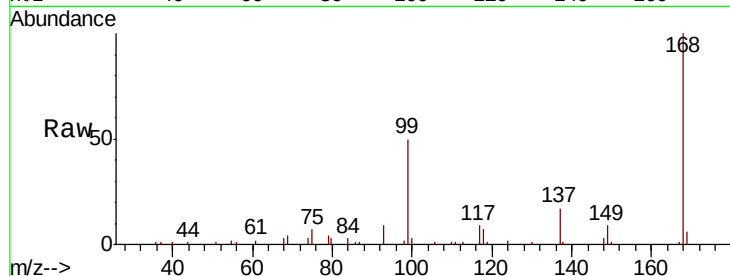
WOOD-1RE

Tgt Ion:168 Resp: 188151

Ion Ratio Lower Upper

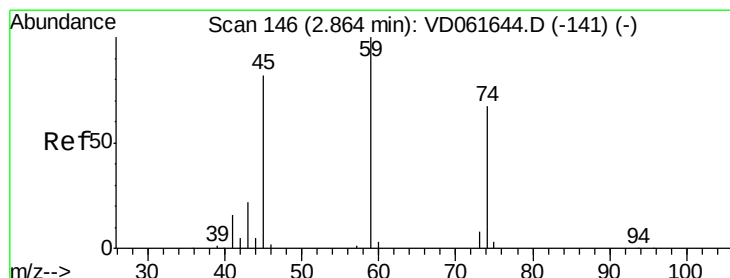
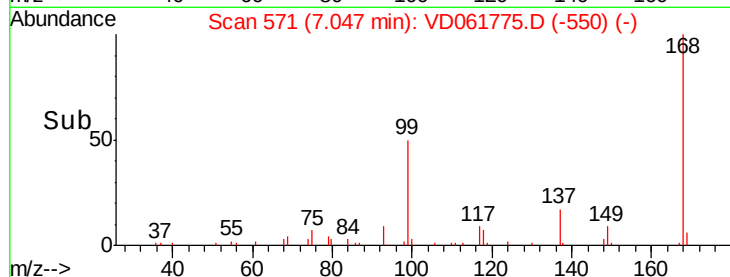
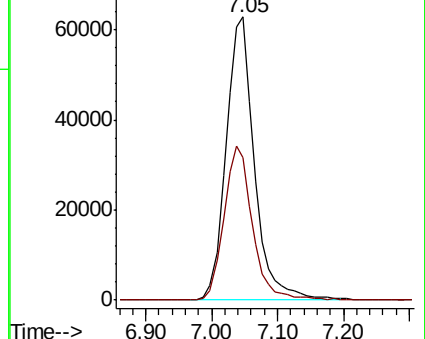
168 100

99 50.4 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#8

Diethyl Ether

Concen: 1.952 ug/l

RT: 2.87 min Scan# 147

Delta R.T. 0.01 min

Lab File: VD061775.D

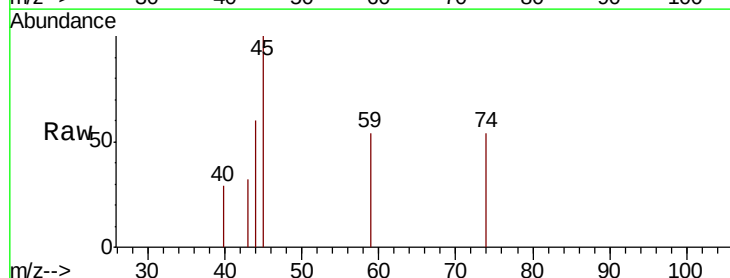
Acq: 12 Apr 2019 13:45

Tgt Ion: 74 Resp: 1268

Ion Ratio Lower Upper

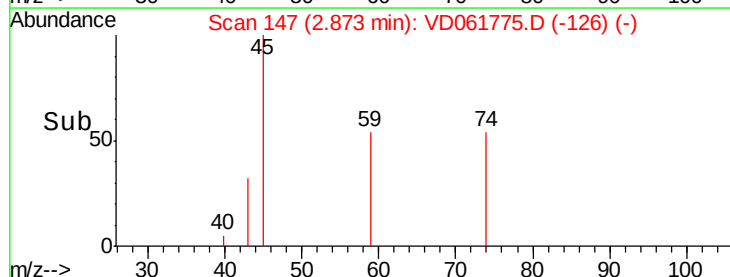
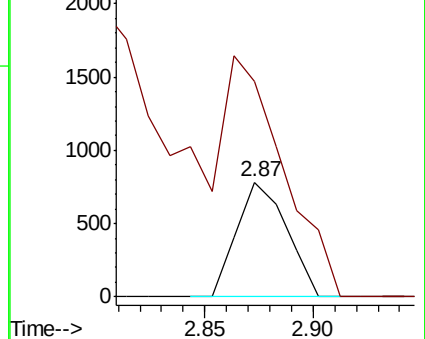
74 100

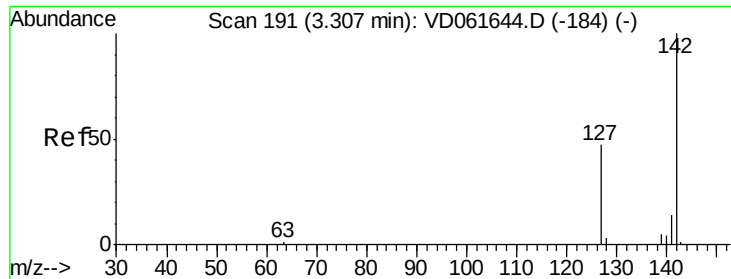
45 186.9 61.0 183.0#



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

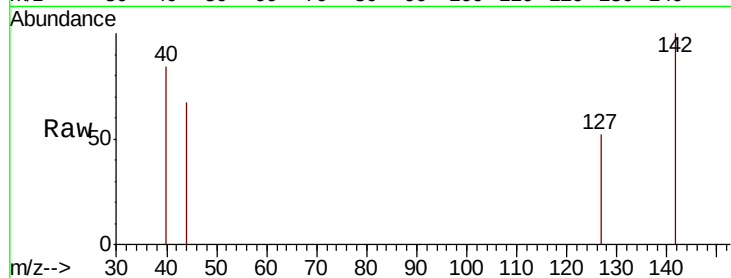




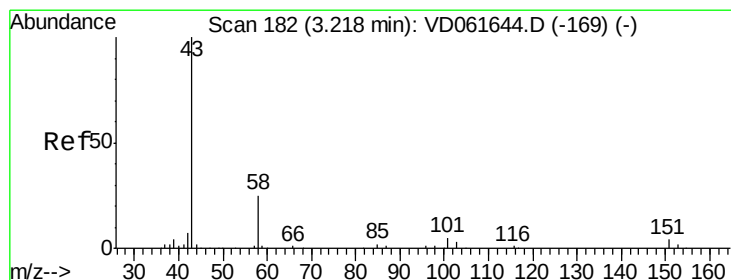
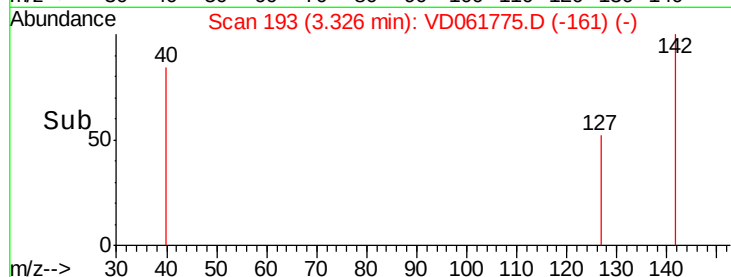
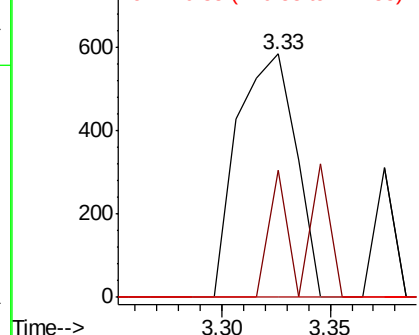
#10
Methyl Iodide
Concen: 3.955 ug/l
RT: 3.33 min Scan# 193
Delta R.T. 0.02 min
Lab File: VD061775.D
Acq: 12 Apr 2019 13:45

Instrument :
MSVOA_D
ClientSampleId :
WOOD-1RE

Tgt Ion:142 Resp: 1102
Ion Ratio Lower Upper
142 100
127 52.1 37.2 55.8
141 0.0 10.8 16.2#

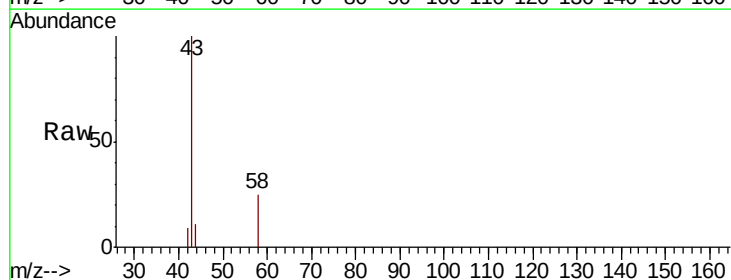


Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

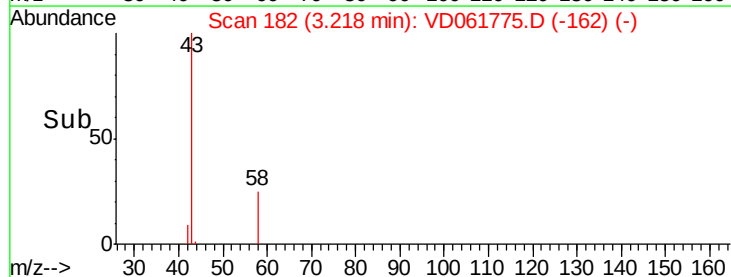
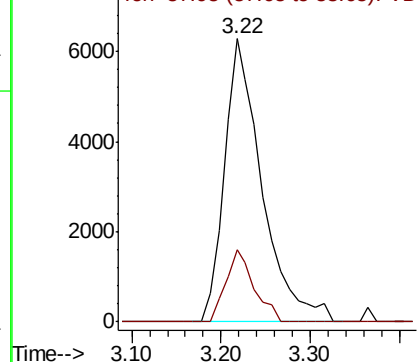


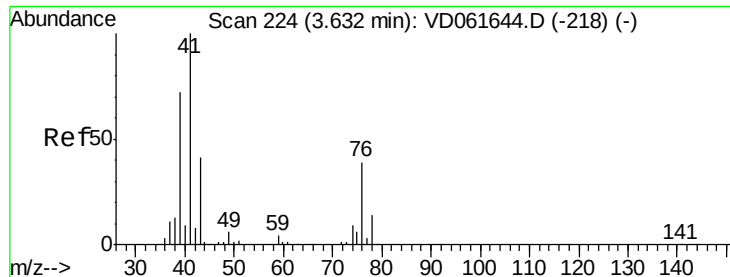
#16
Acetone
Concen: 43.384 ug/l
RT: 3.22 min Scan# 182
Delta R.T. -0.00 min
Lab File: VD061775.D
Acq: 12 Apr 2019 13:45

Tgt Ion: 43 Resp: 18496
Ion Ratio Lower Upper
43 100
58 25.4 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

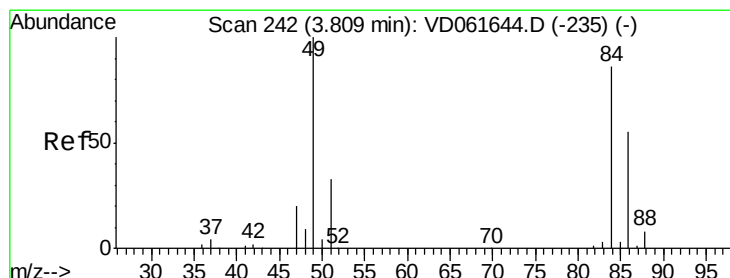
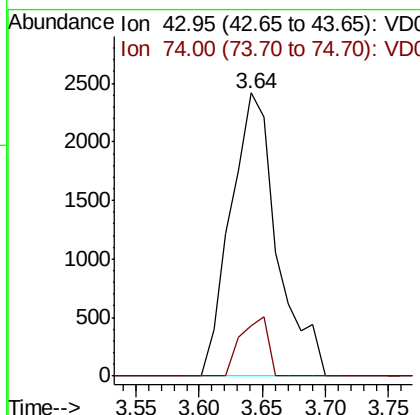
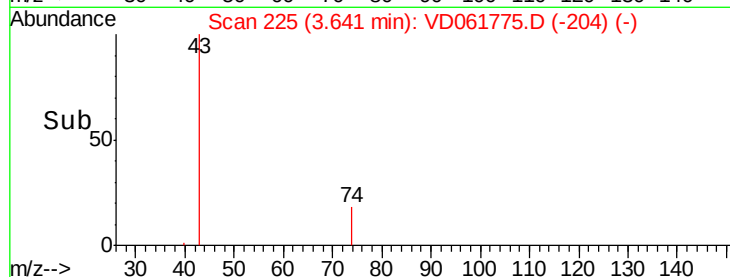
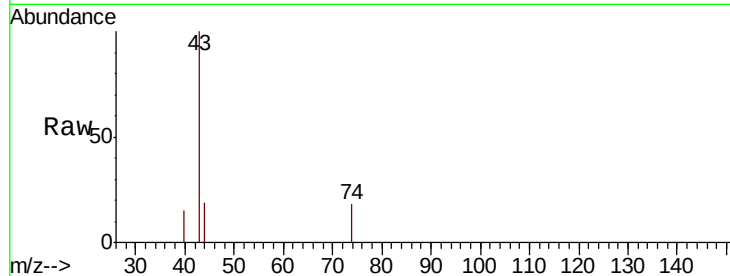




#18
Methyl Acetate
Concen: 7.712 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD061775.D
Acq: 12 Apr 2019 13:45

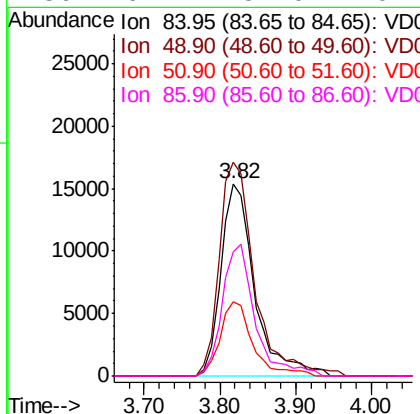
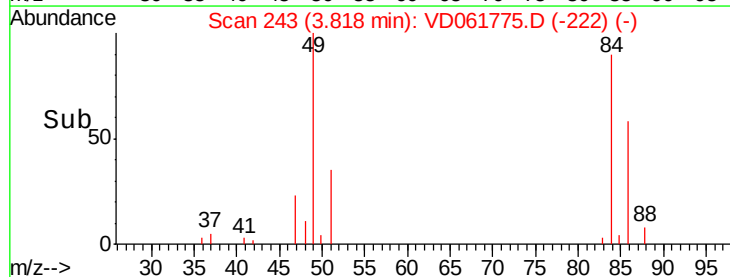
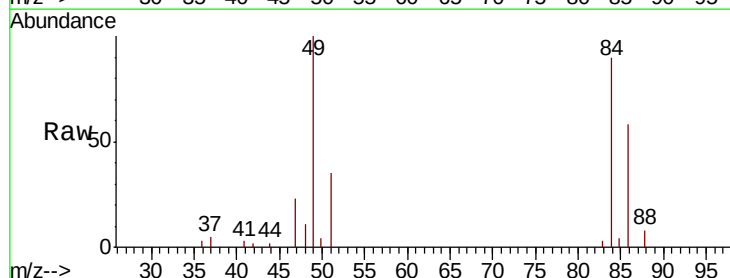
Instrument :
MSVOA_D
ClientSampleId :
WOOD-1RE

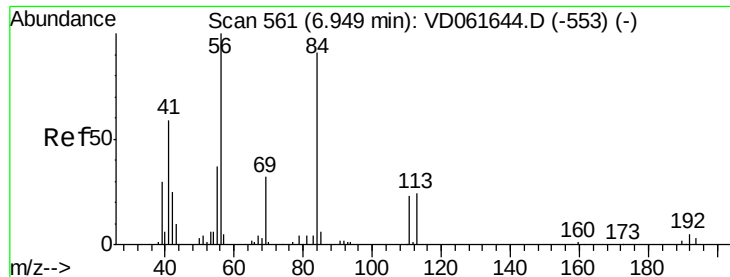
Tgt Ion: 43 Resp: 6186
Ion Ratio Lower Upper
43 100
74 17.6 18.2 27.2#



#20
Methylene Chloride
Concen: 19.570 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061775.D
Acq: 12 Apr 2019 13:45

Tgt Ion: 84 Resp: 47345
Ion Ratio Lower Upper
84 100
49 111.3 93.0 139.4
51 38.7 30.4 45.6
86 64.4 51.0 76.4

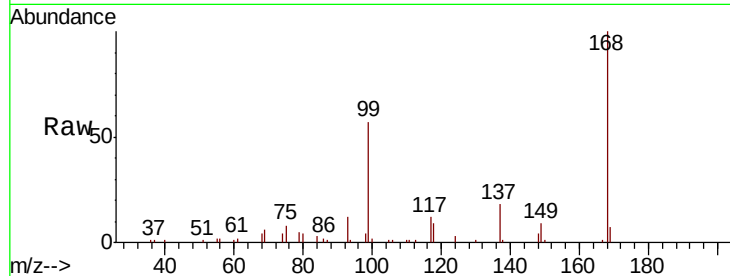




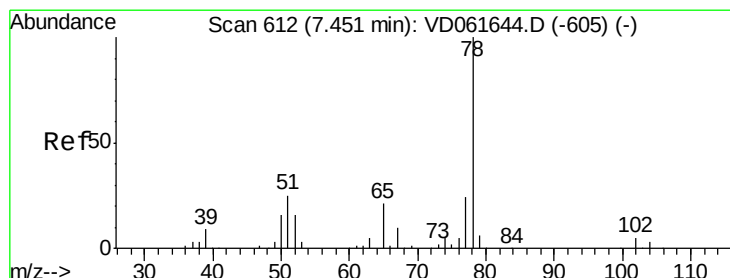
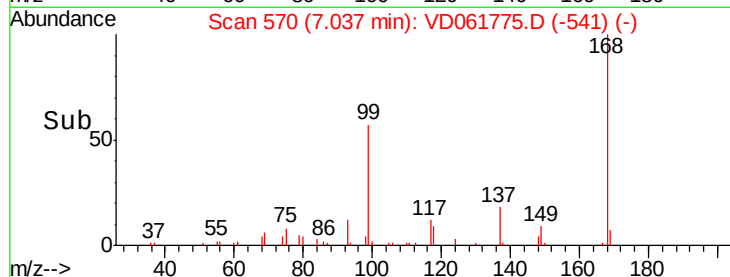
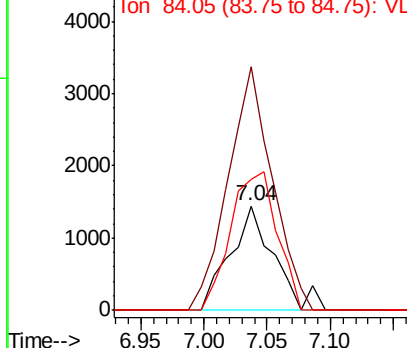
#31
Cyclohexane
Concen: 1.298 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.09 min
Lab File: VD061775.D
Acq: 12 Apr 2019 13:45

Instrument :
MSVOA_D
ClientSampleId :
WOOD-1RE

Tgt Ion: 56 Resp: 3484
Ion Ratio Lower Upper
56 100
69 233.9 25.8 38.6#
84 126.2 74.2 111.2#

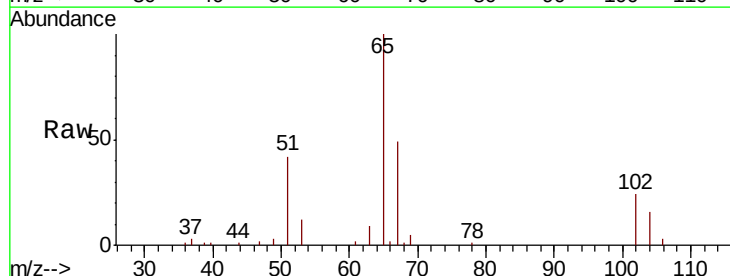


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

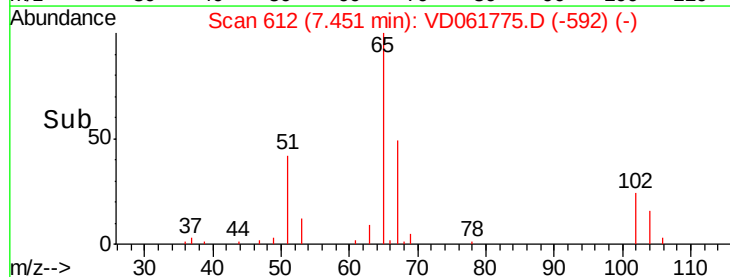
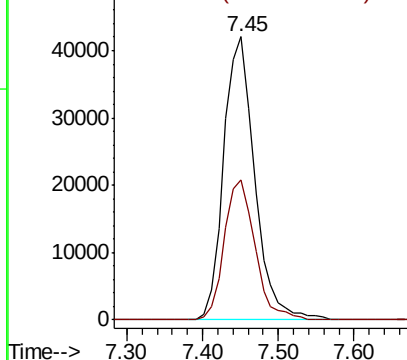


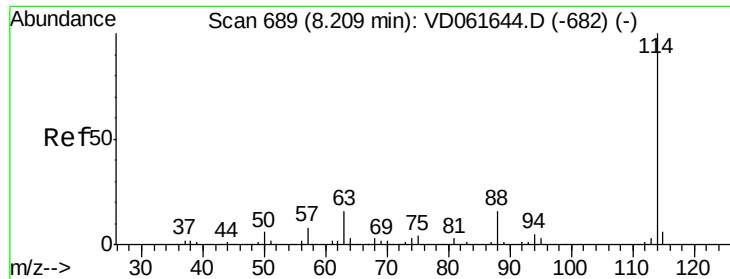
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.00 min
Lab File: VD061775.D
Acq: 12 Apr 2019 13:45

Tgt Ion: 65 Resp: 119224
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

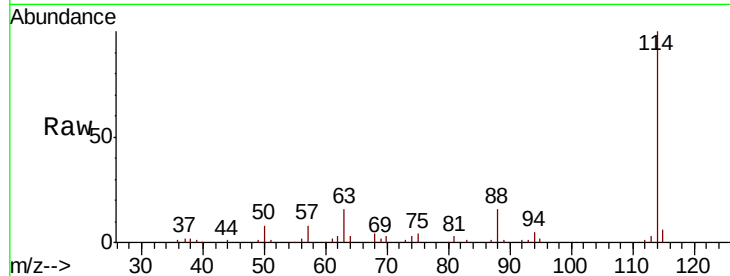




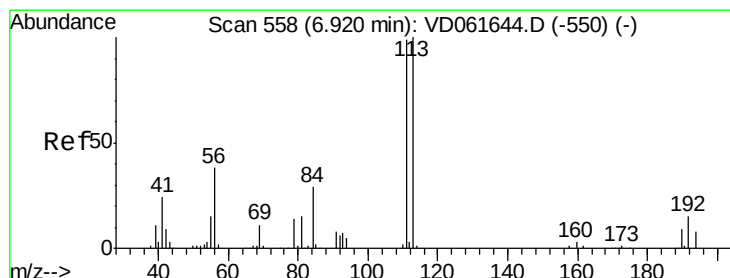
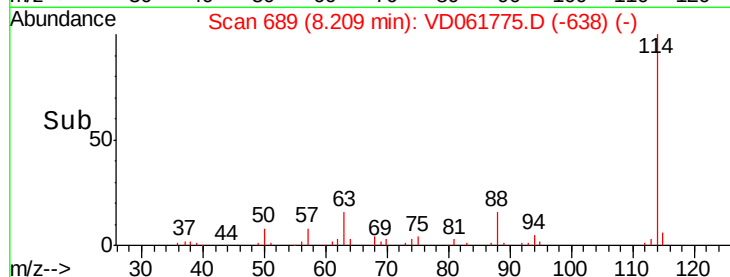
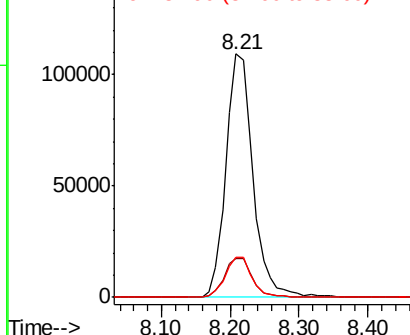
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD061775.D
 Acq: 12 Apr 2019 13:45

Instrument :
 MSVOA_D
 ClientSampleId :
 WOOD-1RE

Tgt Ion:114 Resp: 297026
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 31.2
 88 16.5 0.0 31.8

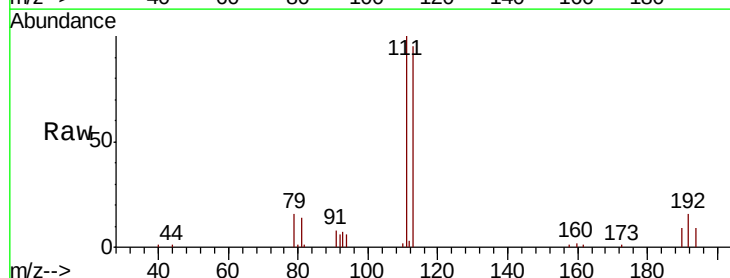


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

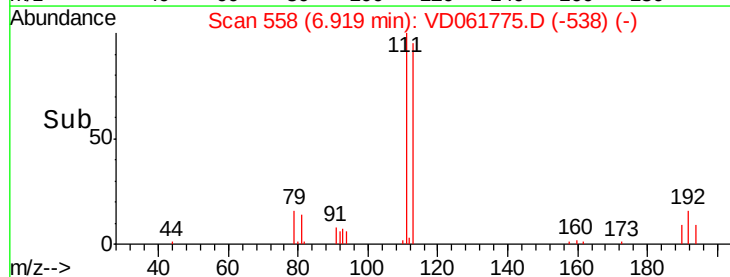
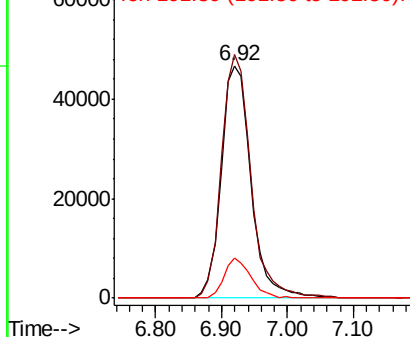


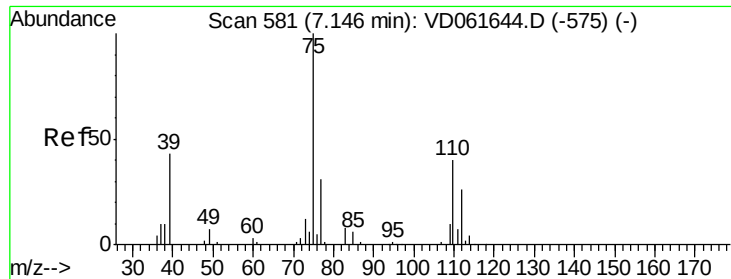
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: VD061775.D
 Acq: 12 Apr 2019 13:45

Tgt Ion:113 Resp: 147974
 Ion Ratio Lower Upper
 113 100
 111 104.7 79.3 118.9
 192 17.1 12.3 18.5



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

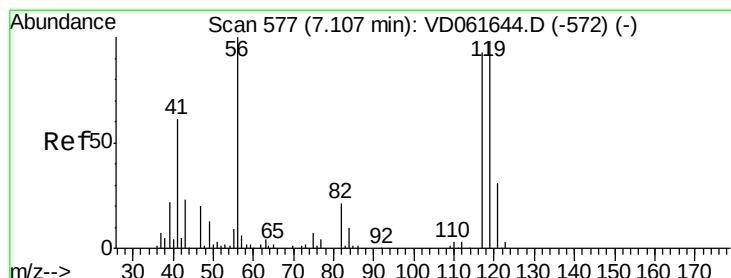
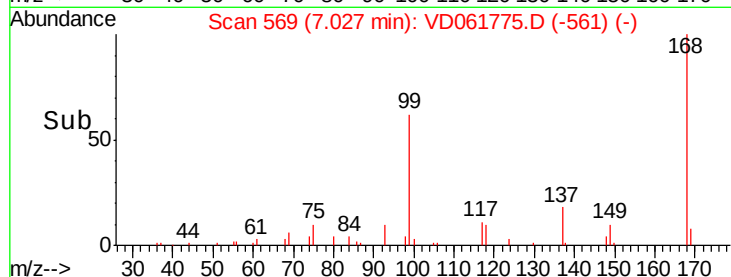
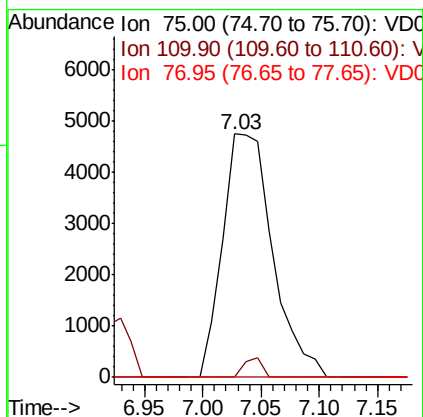
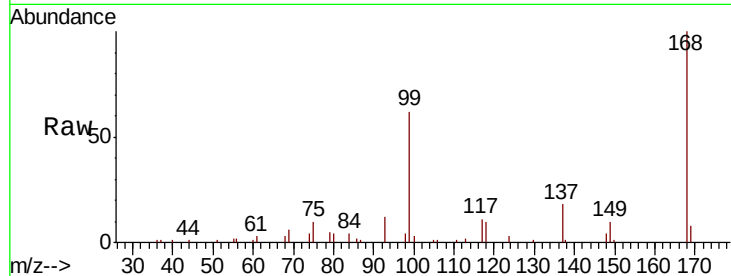




#36
 1,1-Dichloropropene
 Concen: 5.431 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.12 min
 Lab File: VD061775.D
 Acq: 12 Apr 2019 13:45

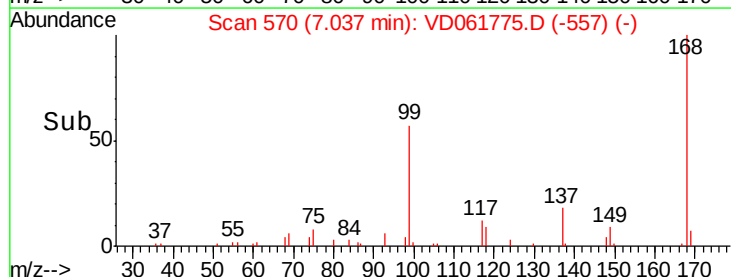
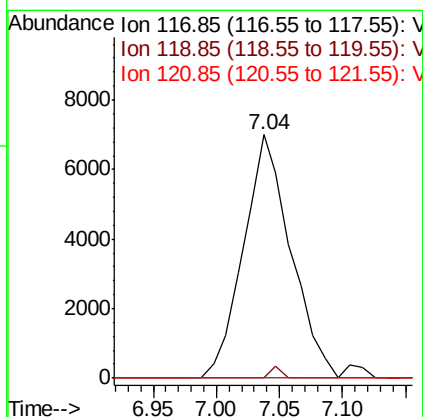
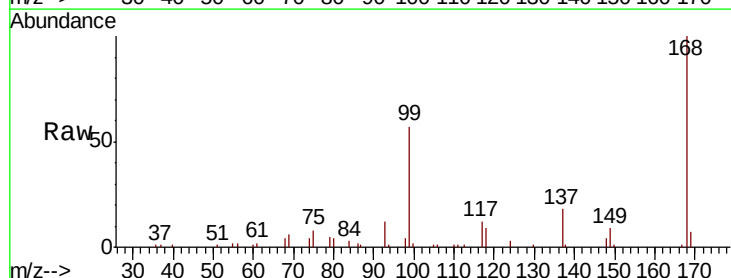
Instrument :
 MSVOA_D
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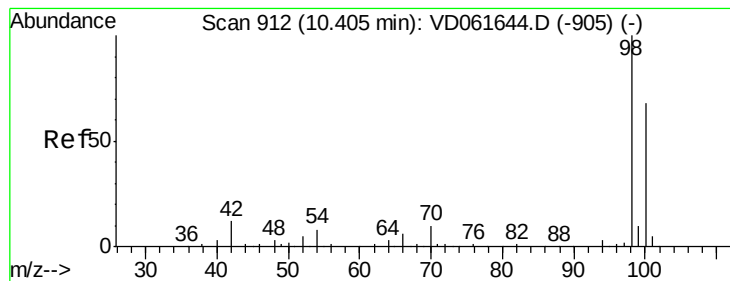
Tgt Ion: 75 Resp: 14119
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.7 59.0#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.973 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.07 min
 Lab File: VD061775.D
 Acq: 12 Apr 2019 13:45

Tgt Ion: 117 Resp: 18199
 Ion Ratio Lower Upper
 117 100
 119 0.0 77.9 116.9#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD061775.D

Acq: 12 Apr 2019 13:45

Instrument :

MSVOA_D

ClientSampleId :

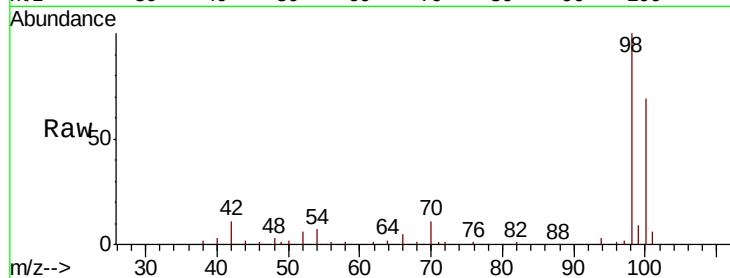
WOOD-1RE

Tgt Ion: 98 Resp: 304202

Ion Ratio Lower Upper

98 100

100 68.7 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD061644.D (-905) (-)

10.40

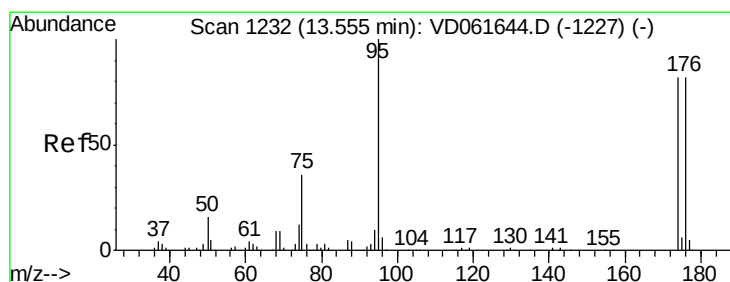
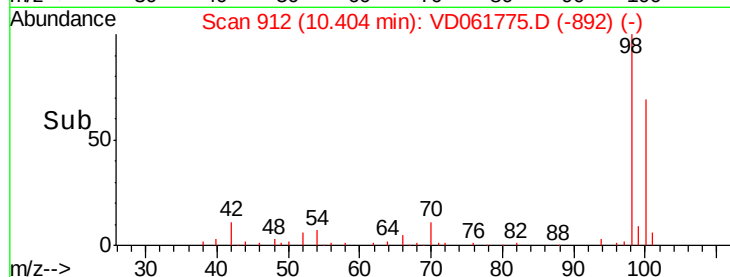
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD061775.D

Acq: 12 Apr 2019 13:45

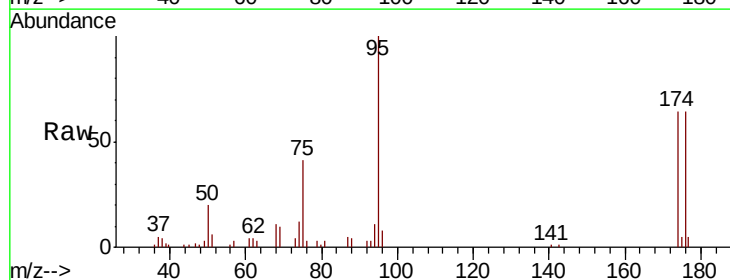
Tgt Ion: 95 Resp: 81145

Ion Ratio Lower Upper

95 100

174 64.0 0.0 164.6

176 64.3 0.0 165.0



Abundance Ion 95.00 (94.70 to 95.70): VD061644.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD061644.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD061644.D (-1227) (-)

13.54

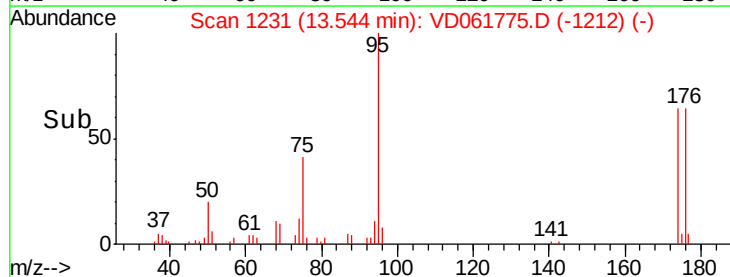
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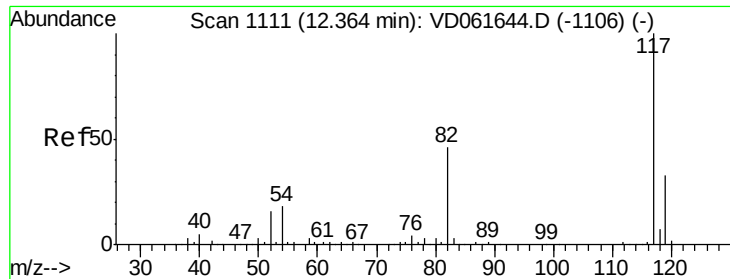
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20000

0

Time-->

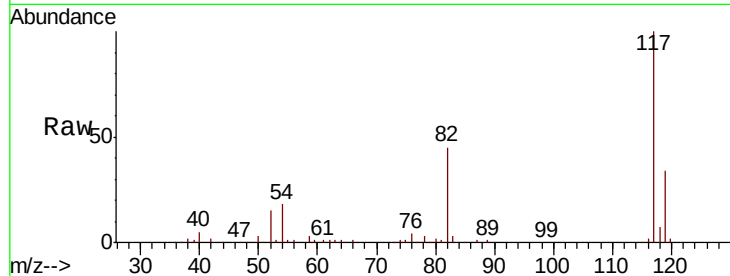




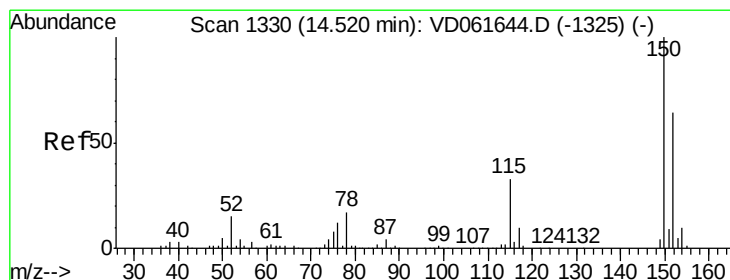
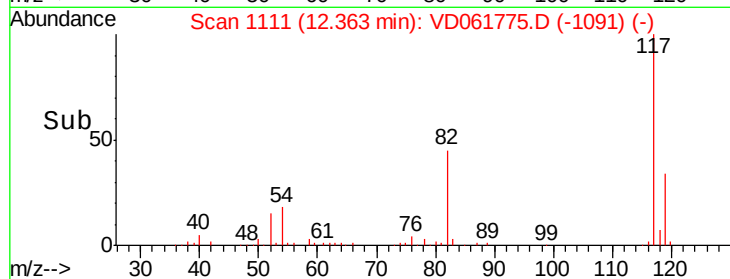
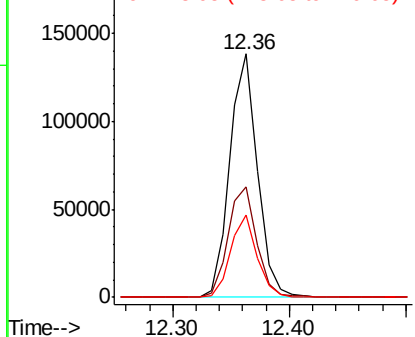
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061775.D
Acq: 12 Apr 2019 13:45

Instrument :
MSVOA_D
ClientSampleId :
WOOD-1RE

Tgt Ion:117 Resp: 227834
Ion Ratio Lower Upper
117 100
82 45.4 36.8 55.2
119 33.6 26.1 39.1

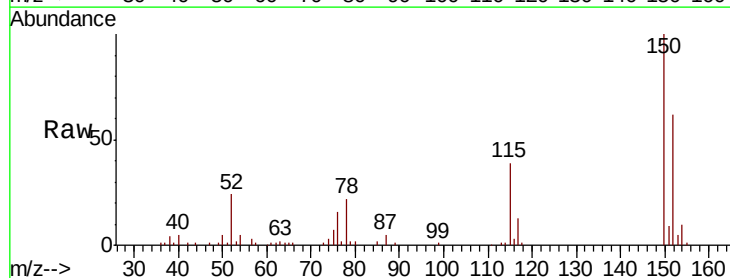


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

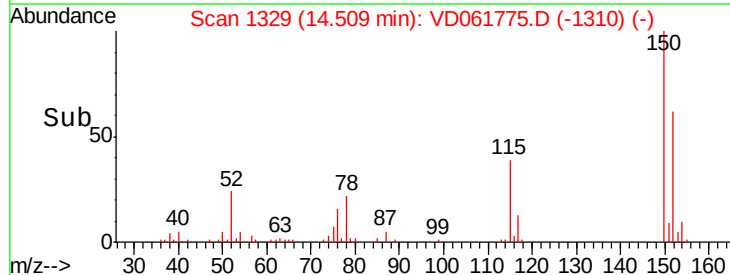
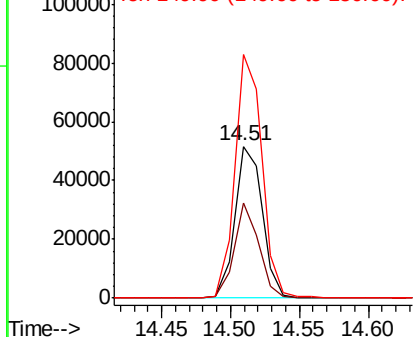


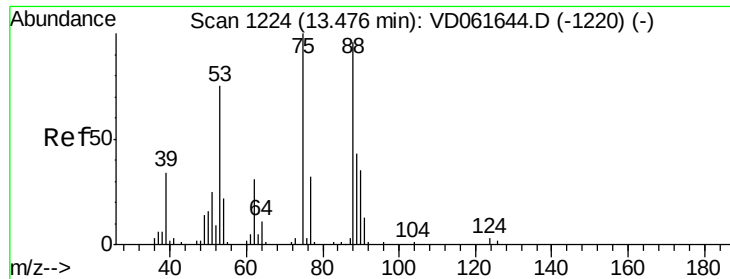
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061775.D
Acq: 12 Apr 2019 13:45

Tgt Ion:152 Resp: 71619
Ion Ratio Lower Upper
152 100
115 62.5 26.4 79.2
150 160.6 0.0 320.6



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

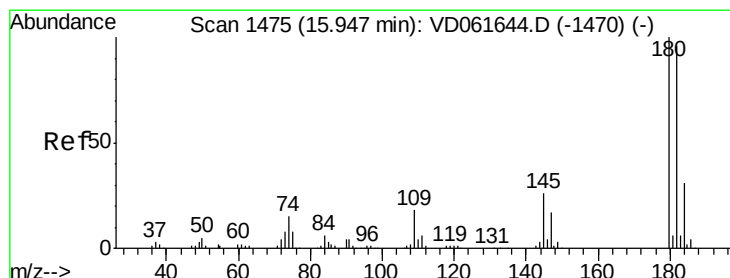
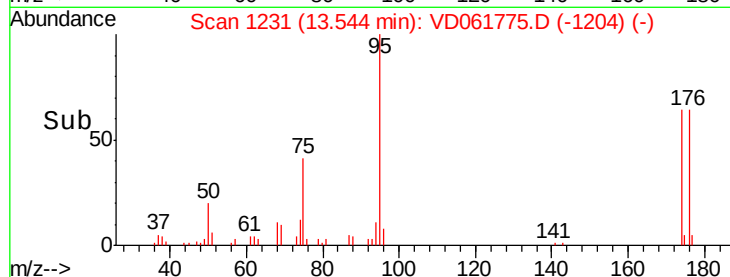
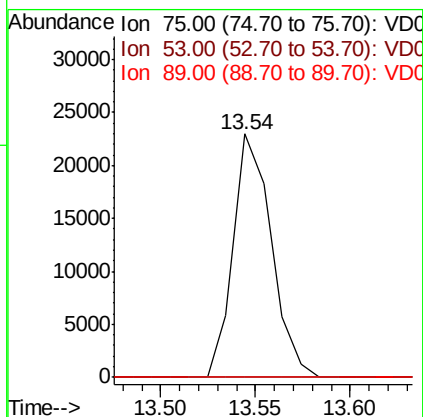
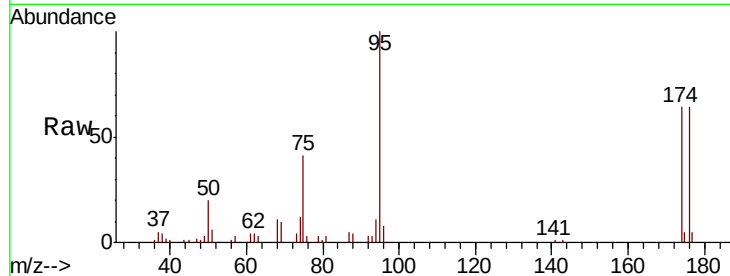




#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.925 ug/l
 RT: 13.54 min Scan# 1231
 Delta R.T. 0.07 min
 Lab File: VD061775.D
 Acq: 12 Apr 2019 13:45

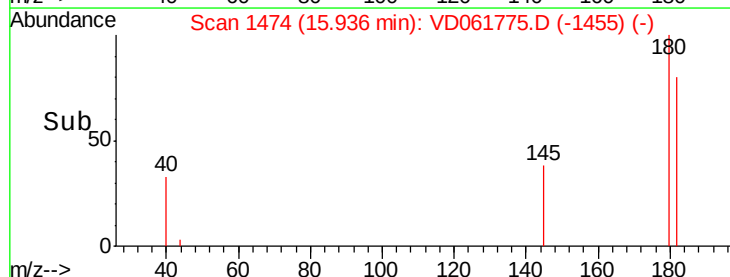
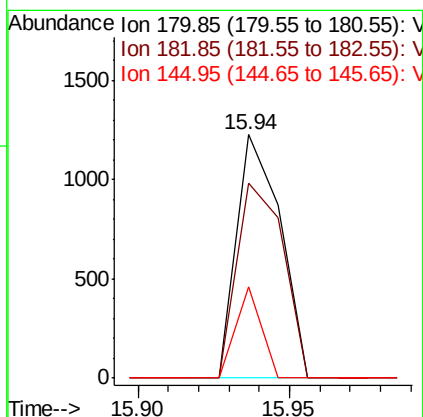
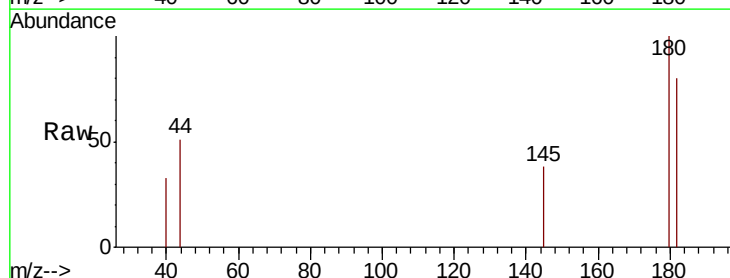
Instrument :
 MSVOA_D
 ClientSampleId :
 WOOD-1RE

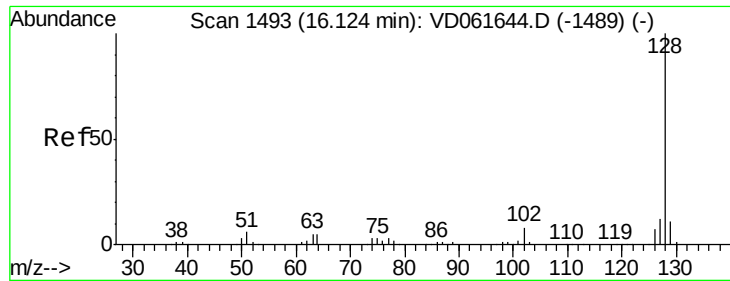
Tgt Ion: 75 Resp: 31911
 Ion Ratio Lower Upper
 75 100
 53 0.0 60.2 90.2#
 89 0.0 34.2 51.2#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.237 ug/l
 RT: 15.94 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: VD061775.D
 Acq: 12 Apr 2019 13:45

Tgt Ion: 180 Resp: 1238
 Ion Ratio Lower Upper
 180 100
 182 80.0 47.8 143.3
 145 37.6 13.3 39.8

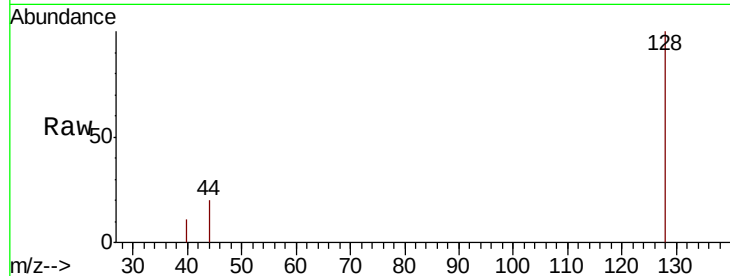




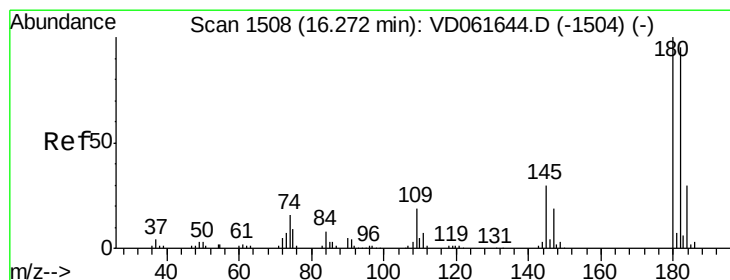
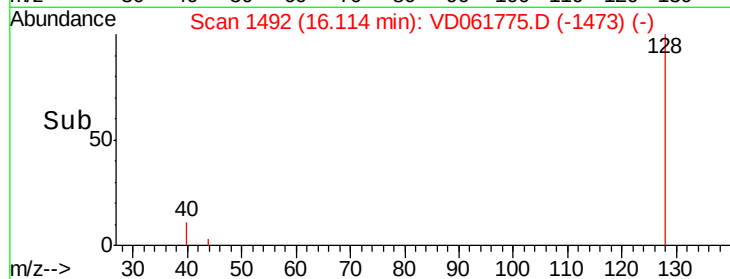
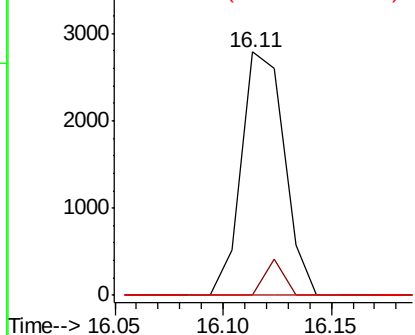
#95
Naphthalene
Concen: 2.416 ug/l
RT: 16.11 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VD061775.D
Acq: 12 Apr 2019 13:45

Instrument :
MSVOA_D
ClientSampleId :
WOOD-1RE

Tgt Ion:128 Resp: 3827
Ion Ratio Lower Upper
128 100
127 0.0 9.4 14.2#
129 0.0 8.8 13.2#

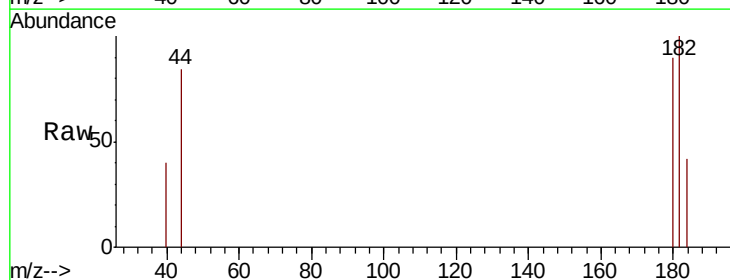


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 1.449 ug/l
RT: 16.27 min Scan# 1508
Delta R.T. -0.00 min
Lab File: VD061775.D
Acq: 12 Apr 2019 13:45

Tgt Ion:180 Resp: 724
Ion Ratio Lower Upper
180 100
182 111.7 47.3 142.0
145 0.0 15.1 45.3#



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

