

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061508.D
 Acq On : 2 Apr 2019 11:48
 Operator : VA/AP
 Sample : K2179-10
 Misc : 6.09g/5ml/MSVOA D/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 03 00:45:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	593348	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	1041128	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	926565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	389376	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	287132	56.65	ug/l	0.00
Spiked Amount			Recovery	=	113.30%	
35) Dibromofluoromethane	6.91	113	405611	50.98	ug/l	0.01
Spiked Amount			Recovery	=	101.96%	
50) Toluene-d8	10.40	98	945047	49.52	ug/l	0.01
Spiked Amount			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	13.55	95	352111	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	

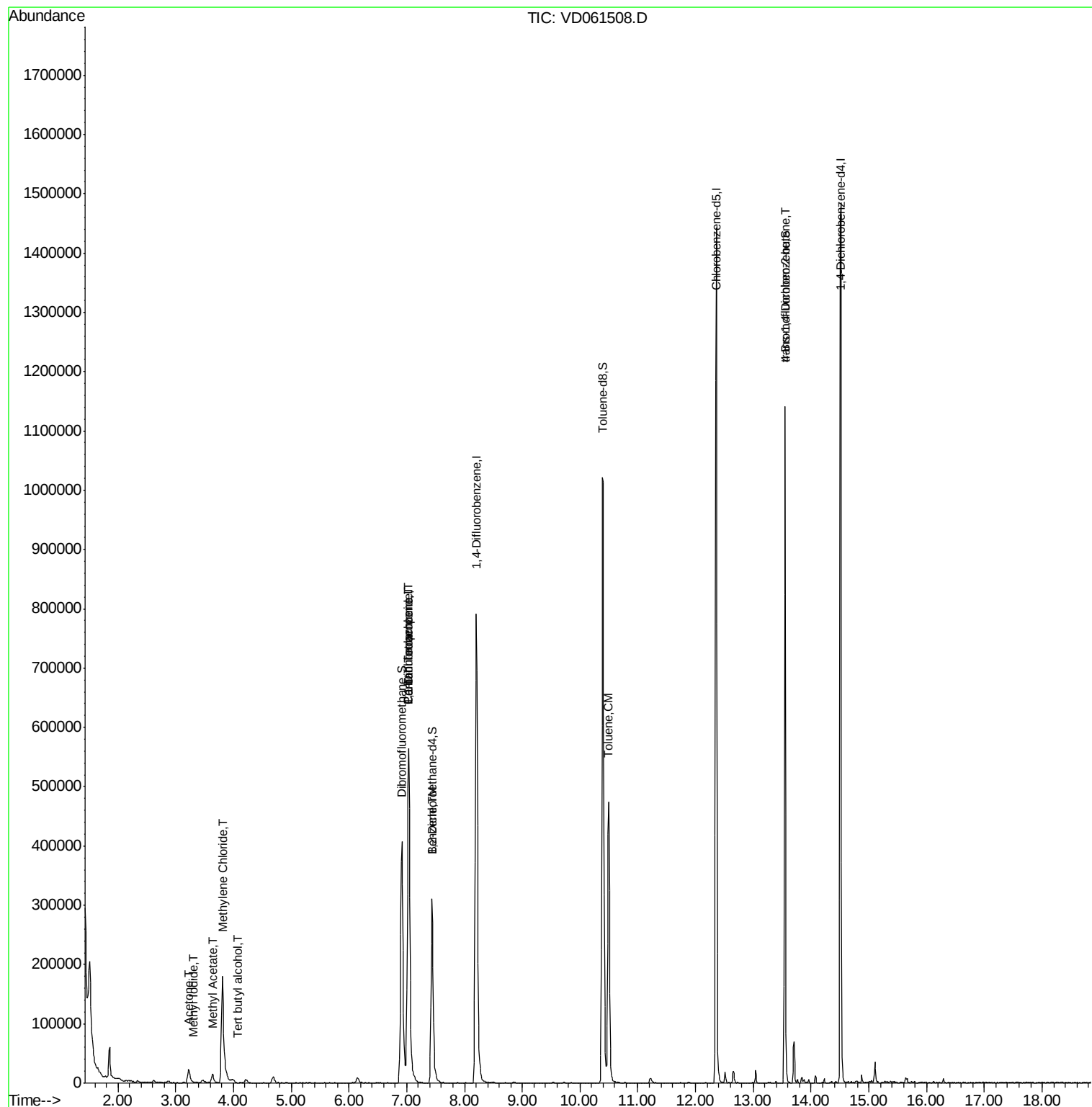
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.31	142	1644	3.602	ug/l #	38
11) Tert butyl alcohol	4.07	59	376	1.191	ug/l #	76
16) Acetone	3.22	43	49512	37.999	ug/l	97
18) Methyl Acetate	3.64	43	31643	11.550	ug/l	99
20) Methylene Chloride	3.81	84	142429	18.295	ug/l	98
36) 1,1-Dichloropropene	7.03	75	41357	4.551	ug/l #	46
38) Carbon Tetrachloride	7.03	117	57151	5.473	ug/l #	13
40) Benzene	7.45	78	30541	1.339	ug/l	95
52) Toluene	10.50	92	273106	19.630	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.55	75	128831	75.122	ug/l #	18

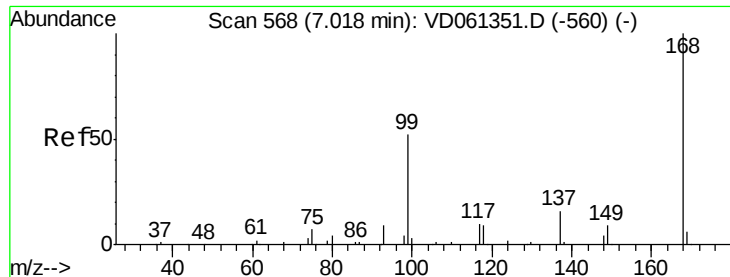
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040119\
Data File : VD061508.D
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Quant Time: Apr 03 00:45:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD061508.D

Acq: 2 Apr 2019 11:48

Instrument :

MSVOA_D

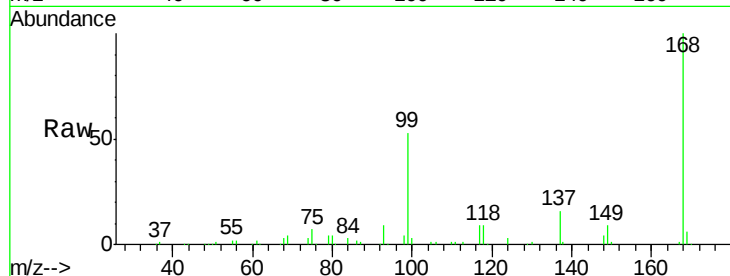
ClientSampled :

Tot Ion:168 Resp: 593348

Ion Ratio Lower Upper

168 100

99 53.1 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.03

200000

150000

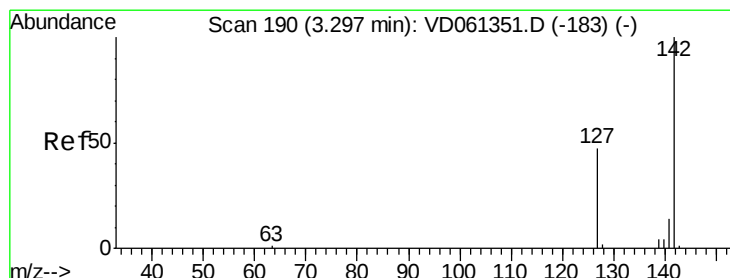
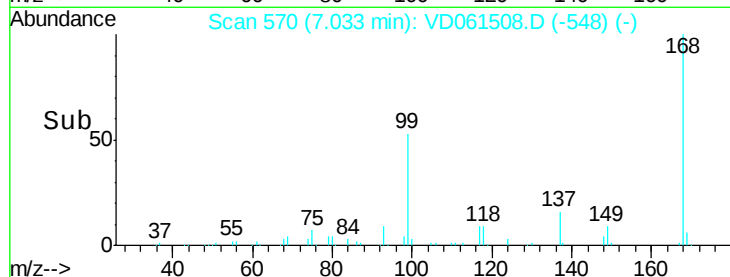
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#10

Methyl Iodide

Concen: 3.602 ug/l

RT: 3.31 min Scan# 192

Delta R.T. 0.01 min

Lab File: VD061508.D

Acq: 2 Apr 2019 11:48

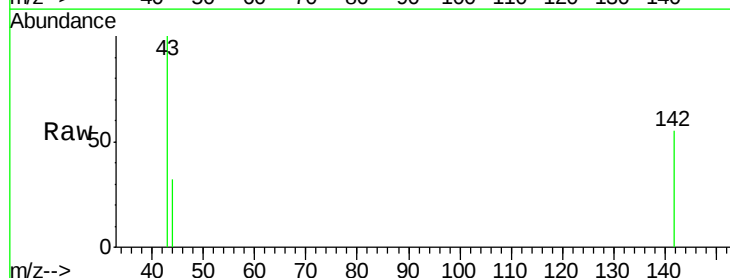
Tgt Ion:142 Resp: 1644

Ion Ratio Lower Upper

142 100

127 0.0 37.7 56.5#

141 0.0 11.5 17.3#



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

3.31

800

600

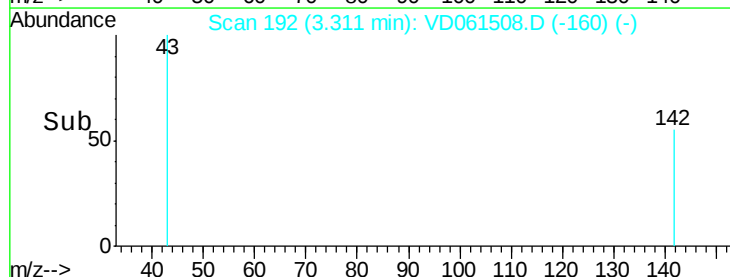
400

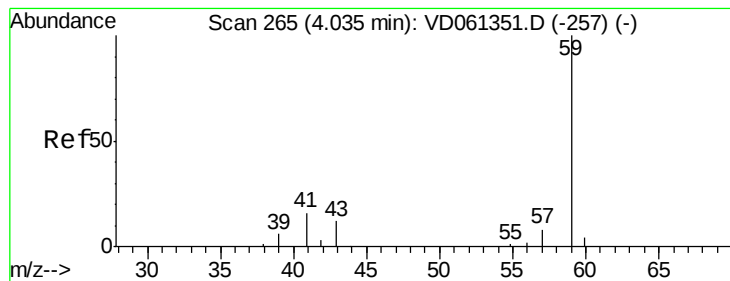
200

0

3.25 3.30 3.35

Time-->



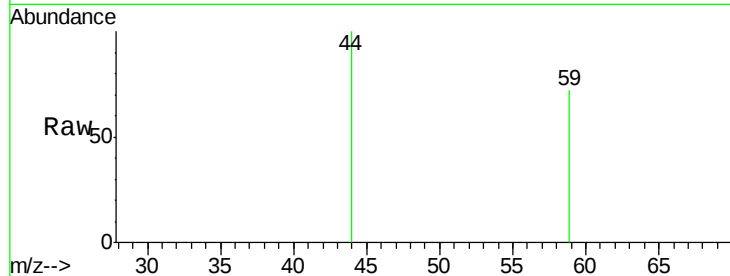


#11

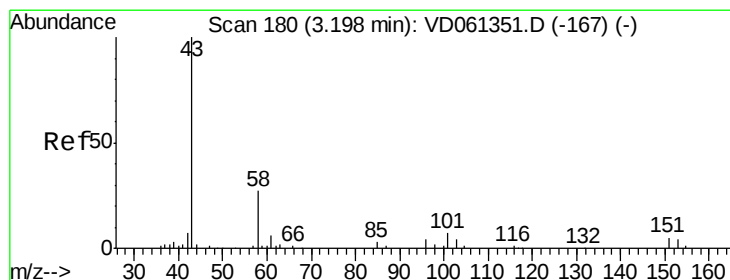
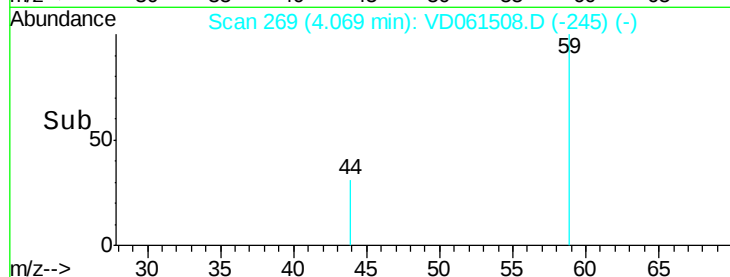
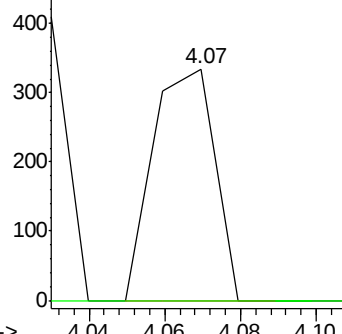
Tert butyl alcohol
 Concen: 1.191 ug/l
 RT: 4.07 min Scan# 269
 Delta R.T. 0.03 min
 Lab File: VD061508.D
 Acq: 2 Apr 2019 11:48

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 59 Resp: 376
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.7 10.1#



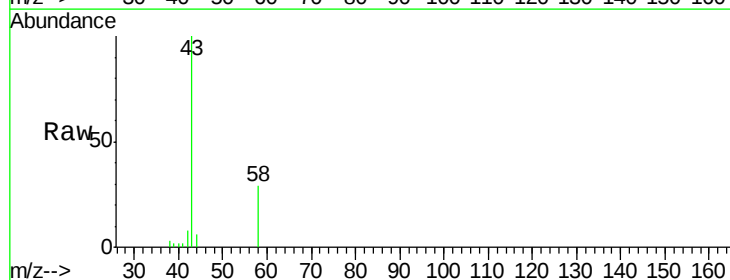
Abundance Ion 58.95 (58.65 to 59.65): VDC
 Ion 56.95 (56.65 to 57.65): VDC



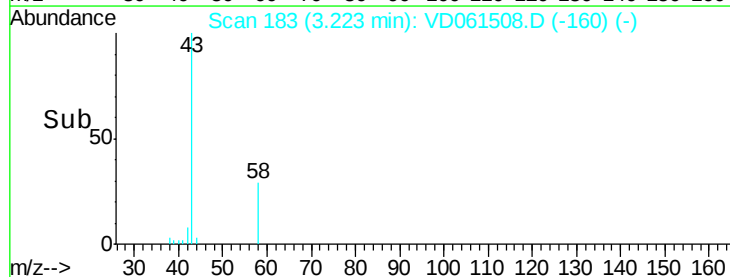
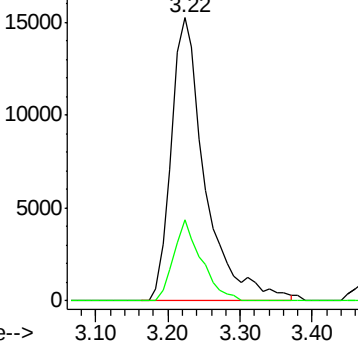
#16

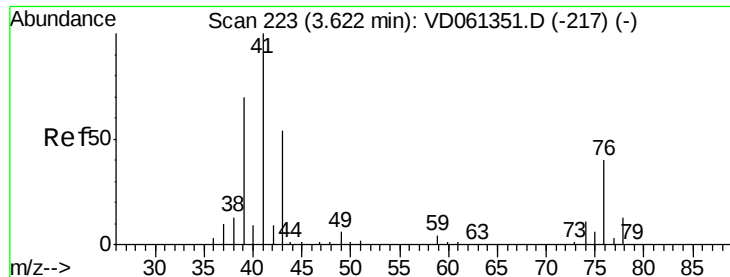
Acetone
 Concen: 37.999 ug/l
 RT: 3.22 min Scan# 183
 Delta R.T. 0.02 min
 Lab File: VD061508.D
 Acq: 2 Apr 2019 11:48

Tgt Ion: 43 Resp: 49512
 Ion Ratio Lower Upper
 43 100
 58 28.7 21.5 32.3



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

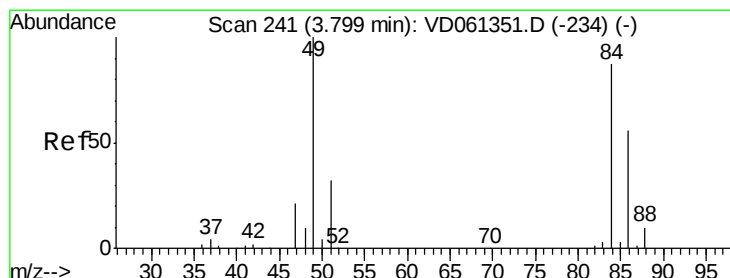
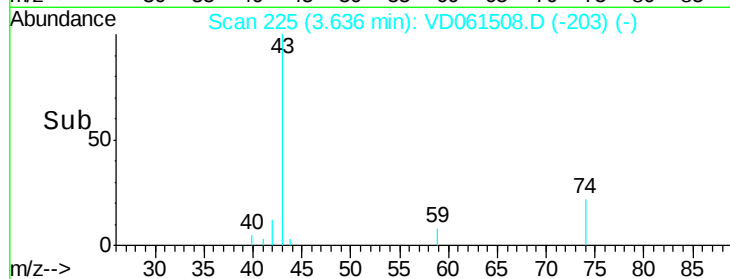
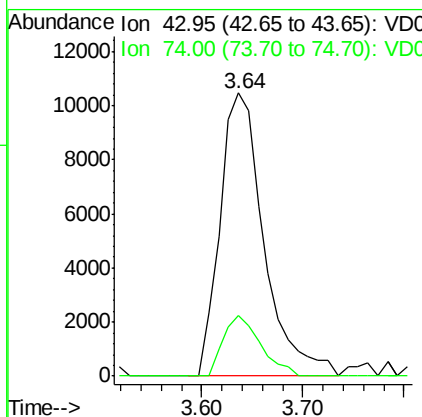
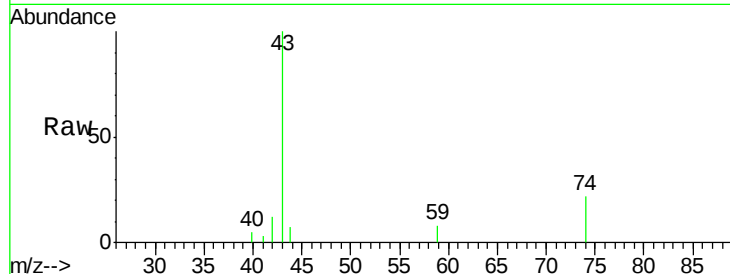




#18
Methyl Acetate
Concen: 11.550 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD061508.D
Acq: 2 Apr 2019 11:48

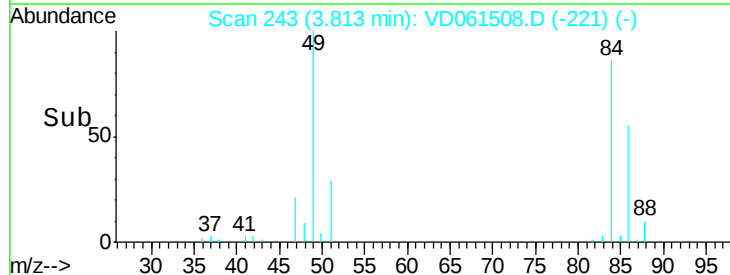
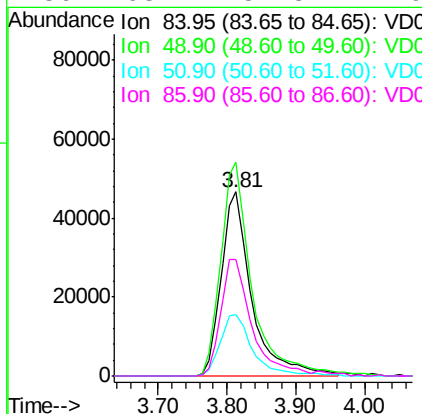
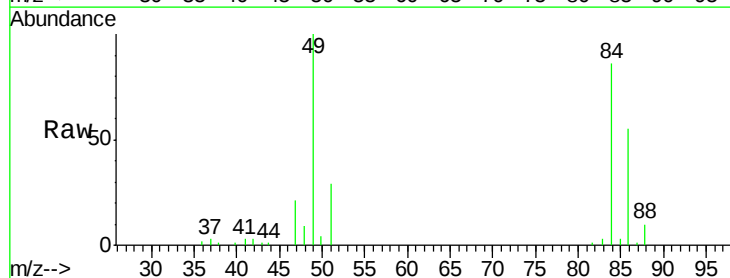
Instrument :
MSVOA_D
ClientSampleId :

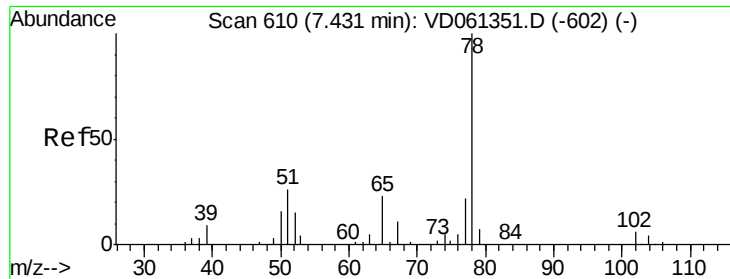
Tot Ion: 43 Resp: 31643
Ion Ratio Lower Upper
43 100
74 21.5 16.7 25.1



#20
Methylene Chloride
Concen: 18.295 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061508.D
Acq: 2 Apr 2019 11:48

Tgt Ion: 84 Resp: 142429
Ion Ratio Lower Upper
84 100
49 116.2 91.8 137.8
51 33.2 29.8 44.8
86 63.4 51.8 77.6

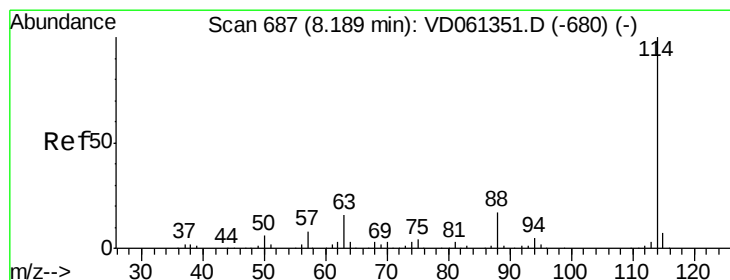
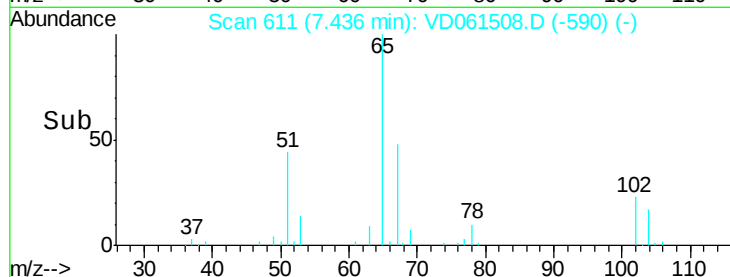
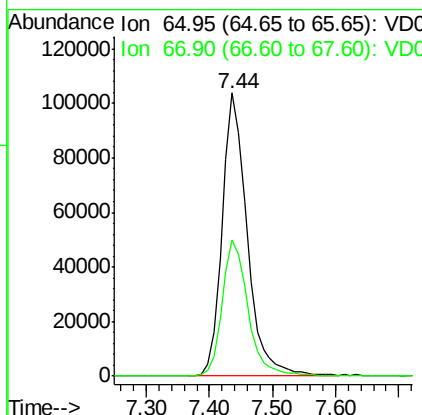
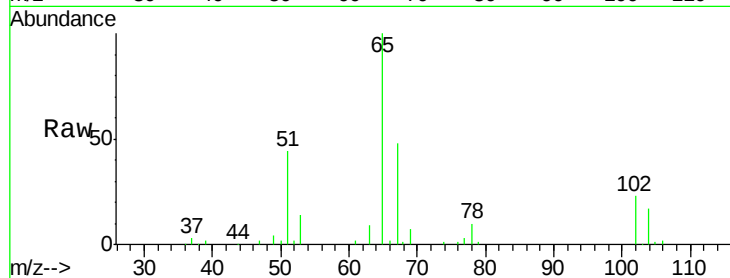




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VD061508.D
 Acq: 2 Apr 2019 11:48

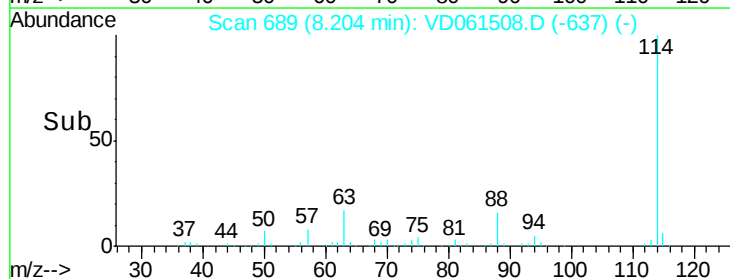
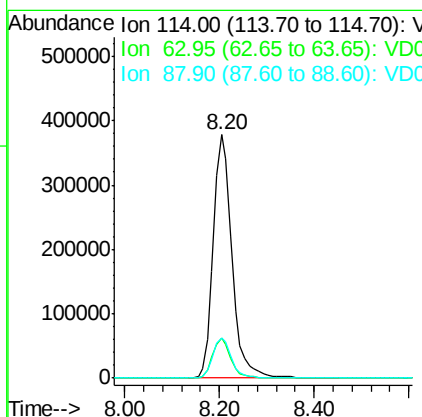
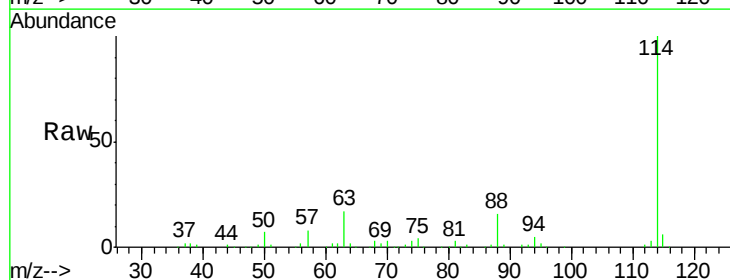
Instrument :
 MSVOA_D
 ClientSampleID :

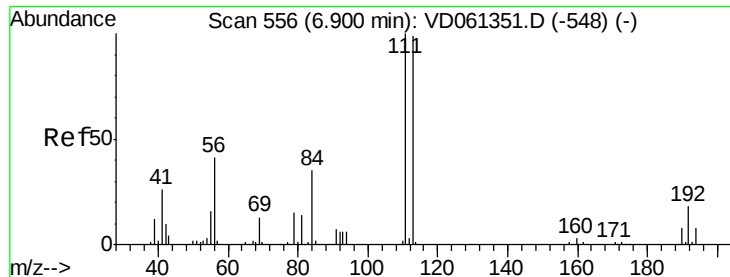
Tot Ion: 65 Resp: 287132
 Ion Ratio Lower Upper
 65 100
 67 48.3 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD061508.D
 Acq: 2 Apr 2019 11:48

Tgt Ion:114 Resp: 1041128
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 31.6
 88 16.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD061508.D

Acq: 2 Apr 2019 11:48

Instrument :
MSVOA_D
ClientSampleId :

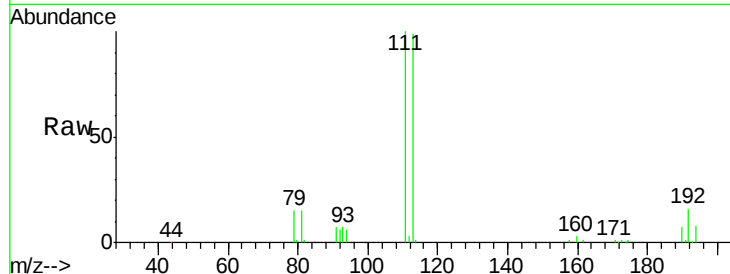
Tot Ion:113 Resp: 405611

Ion Ratio Lower Upper

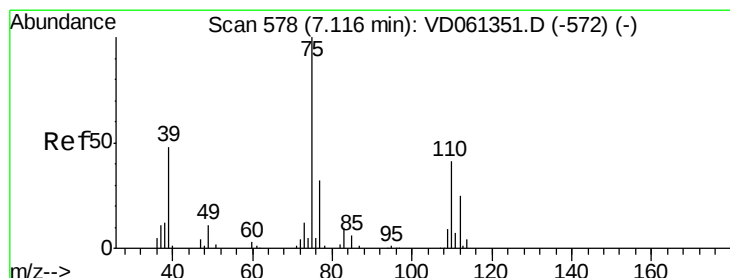
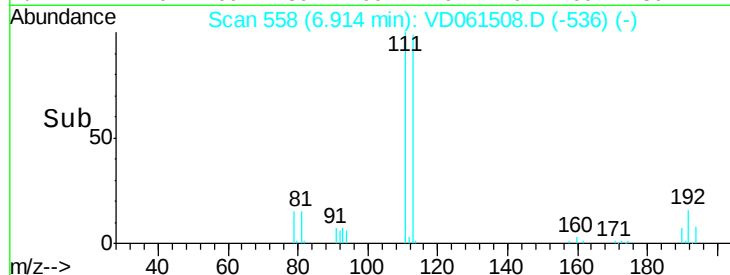
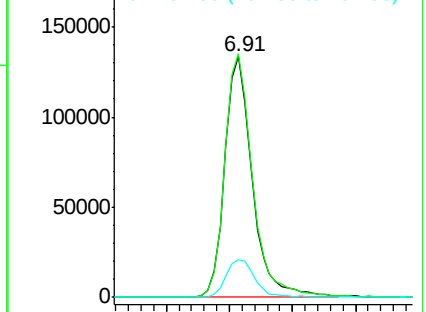
113 100

111 101.1 81.0 121.6

192 15.7 14.4 21.6



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: 4.551 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.08 min

Lab File: VD061508.D

Acq: 2 Apr 2019 11:48

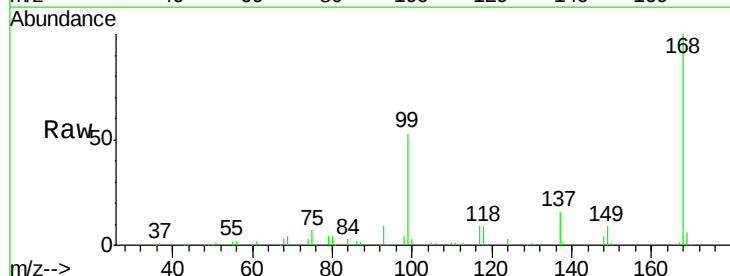
Tgt Ion: 75 Resp: 41357

Ion Ratio Lower Upper

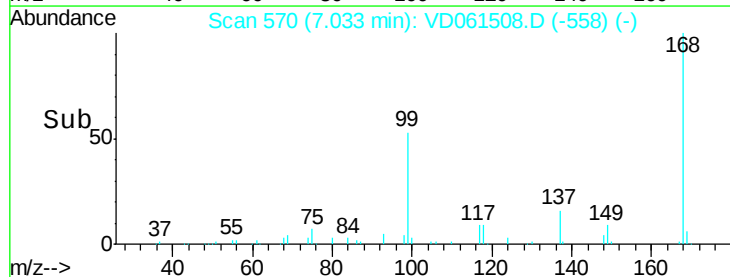
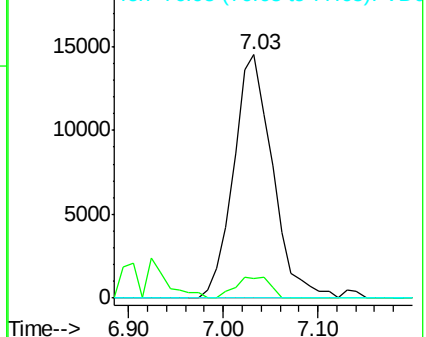
75 100

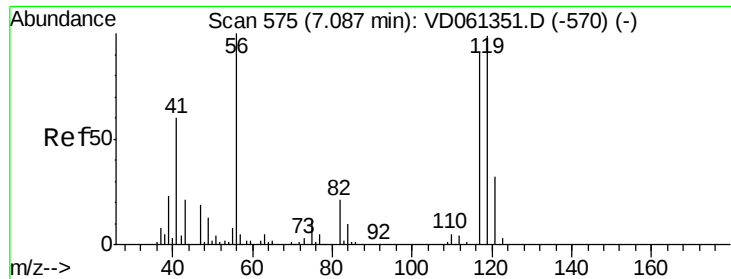
110 8.1 20.4 61.3#

77 0.0 24.9 37.3#



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

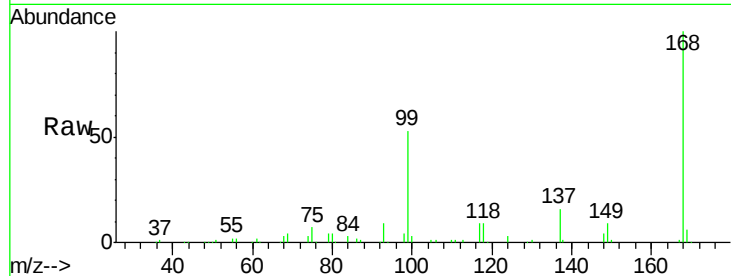




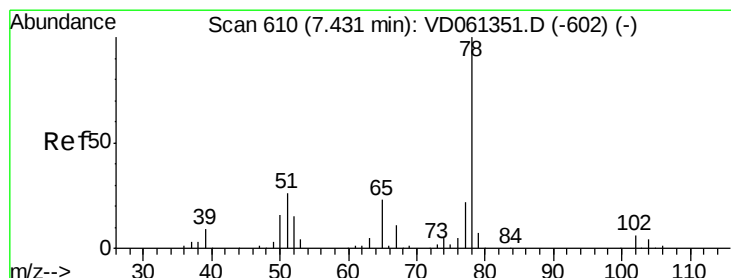
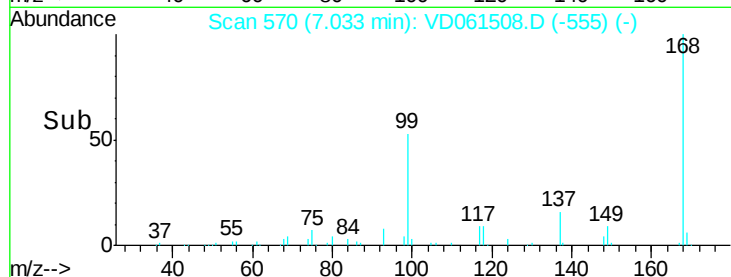
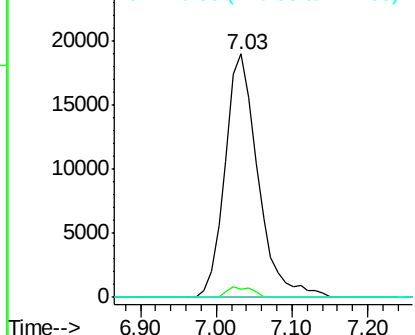
#38
Carbon Tetrachloride
Concen: 5.473 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.05 min
Lab File: VD061508.D
Acq: 2 Apr 2019 11:48

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 57151
Ion Ratio Lower Upper
117 100
119 3.3 80.1 120.1#
121 0.0 25.6 38.4#

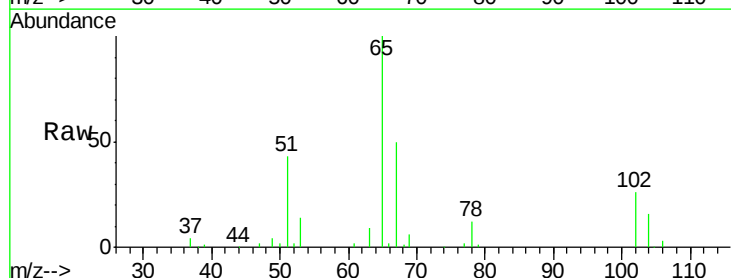


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

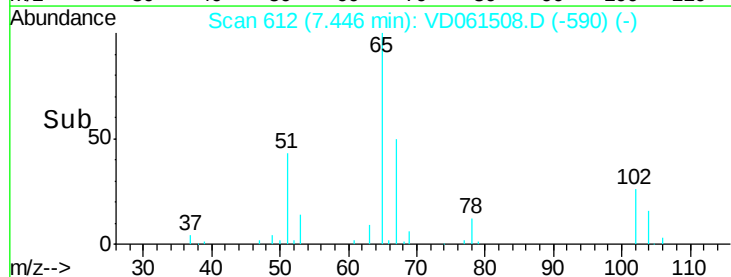
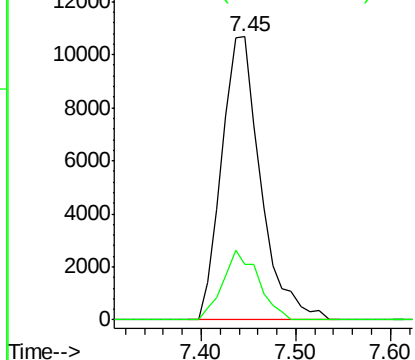


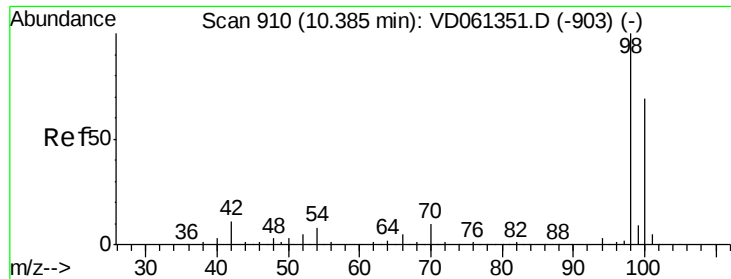
#40
Benzene
Concen: 1.339 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.01 min
Lab File: VD061508.D
Acq: 2 Apr 2019 11:48

Tgt Ion: 78 Resp: 30541
Ion Ratio Lower Upper
78 100
77 19.6 17.8 26.6



Abundance Ion 77.95 (77.65 to 78.65): VDC
Ion 76.95 (76.65 to 77.65): VDC

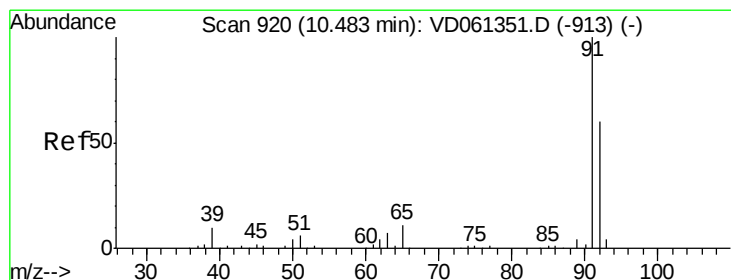
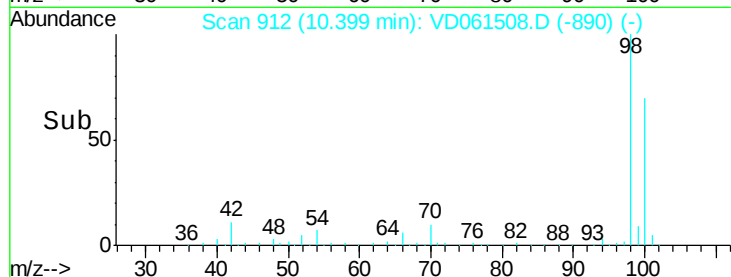
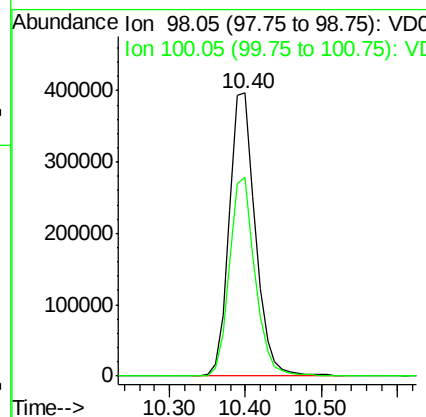
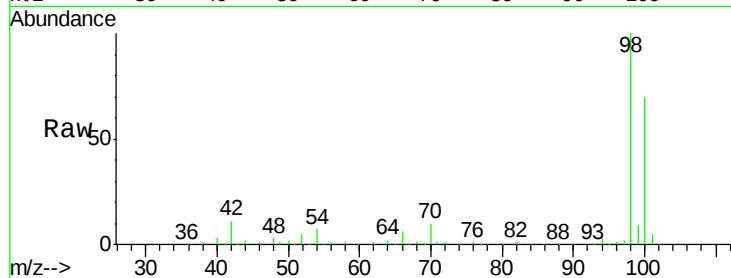




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.01 min
Lab File: VD061508.D
Acq: 2 Apr 2019 11:48

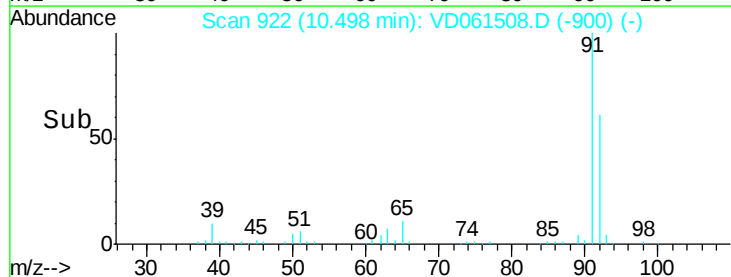
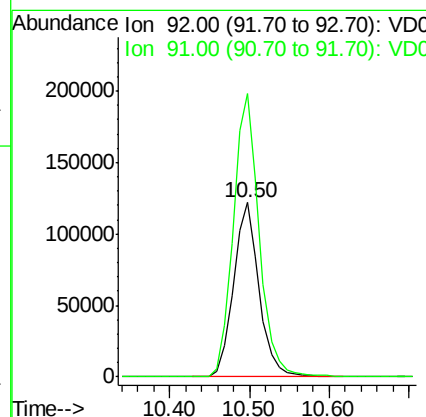
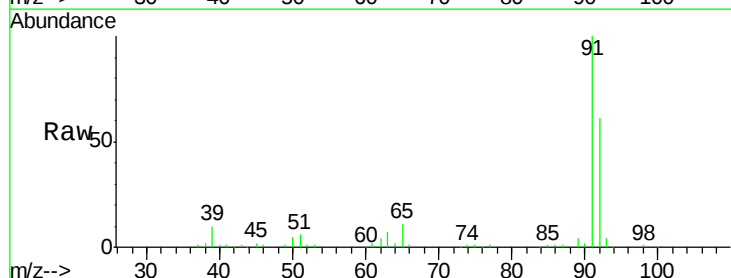
Instrument :
MSVOA_D
ClientSampled :

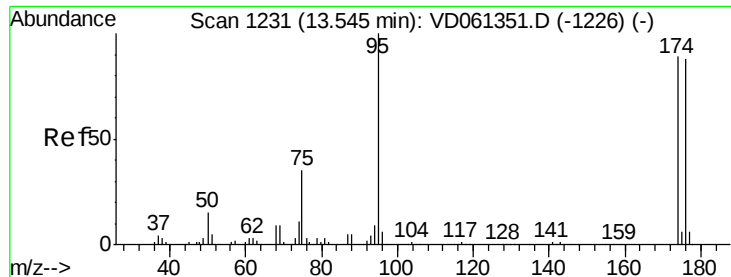
Tot Ion: 98 Resp: 945047
Ion Ratio Lower Upper
98 100
100 70.1 56.2 84.2



#52
Toluene
Concen: 19.630 ug/l
RT: 10.50 min Scan# 922
Delta R.T. 0.01 min
Lab File: VD061508.D
Acq: 2 Apr 2019 11:48

Tgt Ion: 92 Resp: 273106
Ion Ratio Lower Upper
92 100
91 162.7 133.3 199.9

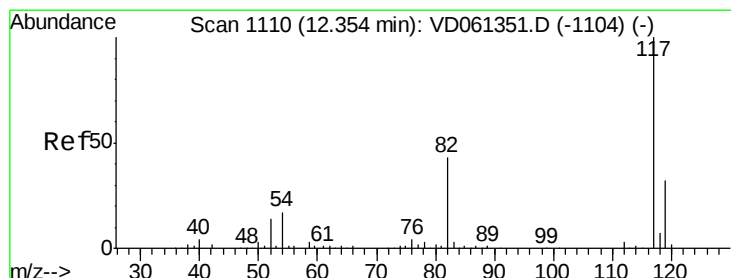
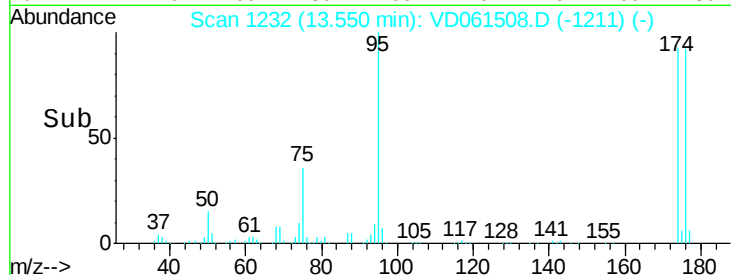
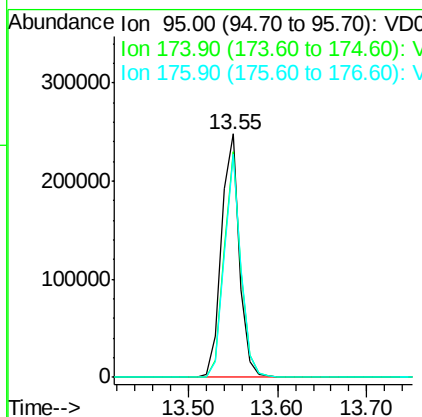
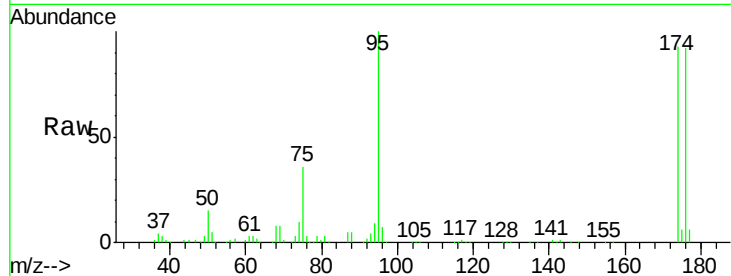




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD061508.D
Acq: 2 Apr 2019 11:48

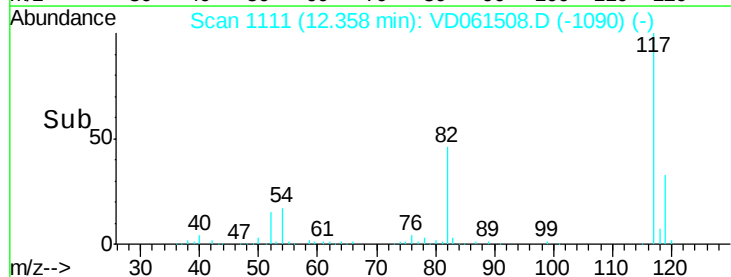
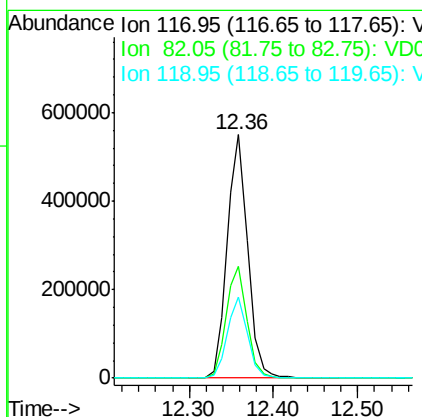
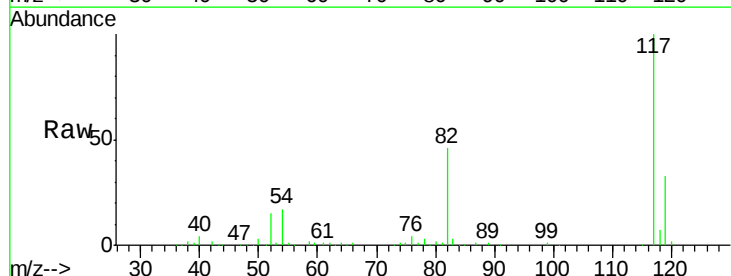
Instrument :
MSVOA_D
ClientSampleId :

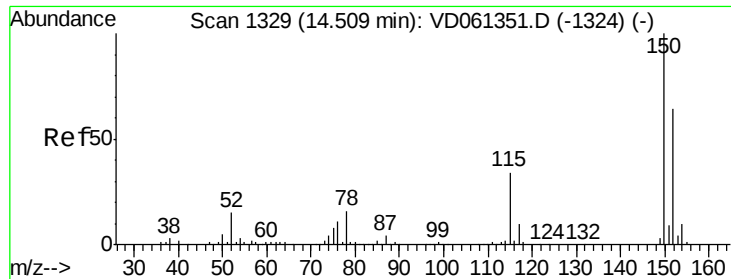
Tot Ion: 95 Resp: 352111
Ion Ratio Lower Upper
95 100
174 92.6 0.0 178.0
176 91.8 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061508.D
Acq: 2 Apr 2019 11:48

Tgt Ion: 117 Resp: 926565
Ion Ratio Lower Upper
117 100
82 46.0 34.4 51.6
119 33.3 25.8 38.6

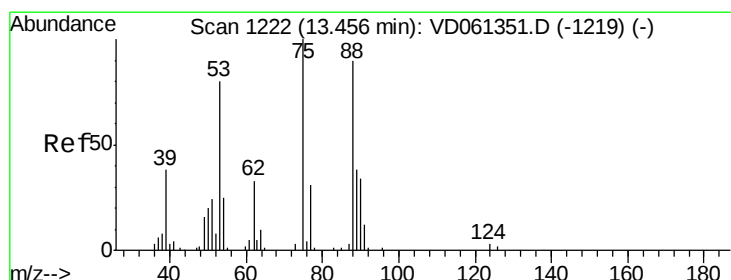
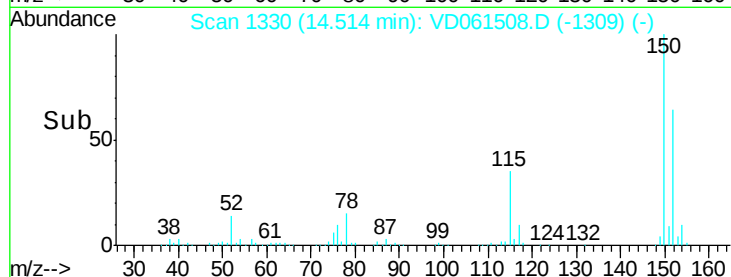
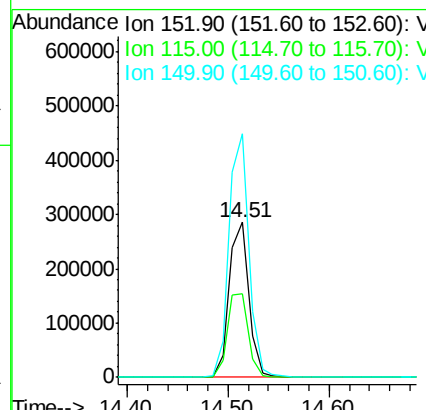
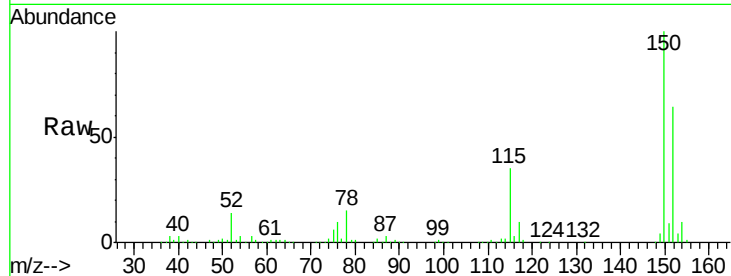




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD061508.D
 Acq: 2 Apr 2019 11:48

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:152 Resp: 389376
 Ion Ratio Lower Upper
 152 100
 115 54.2 26.9 80.6
 150 156.9 0.0 318.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.122 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.09 min
 Lab File: VD061508.D
 Acq: 2 Apr 2019 11:48

Tgt Ion: 75 Resp: 128831
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.8#
 89 0.0 30.5 45.7#

