

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040319\
 Data File : VD061560.D
 Acq On : 3 Apr 2019 17:21
 Operator : VA/AP
 Sample : K2186-19RE
 Misc : 5.46g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 04 01:50:12 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	7.05	168	241070	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	447948	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	292094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	67543	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	143016	69.45	ug/l	0.02
Spiked Amount			Recovery	=	138.90%	
35) Dibromofluoromethane	6.92	113	194153	56.72	ug/l	0.02
Spiked Amount			Recovery	=	113.44%	
50) Toluene-d8	10.40	98	293778	35.78	ug/l	0.02
Spiked Amount			Recovery	=	71.56%	
62) 4-Bromofluorobenzene	13.55	95	79475	25.24	ug/l	0.00
Spiked Amount			Recovery	=	50.48%	

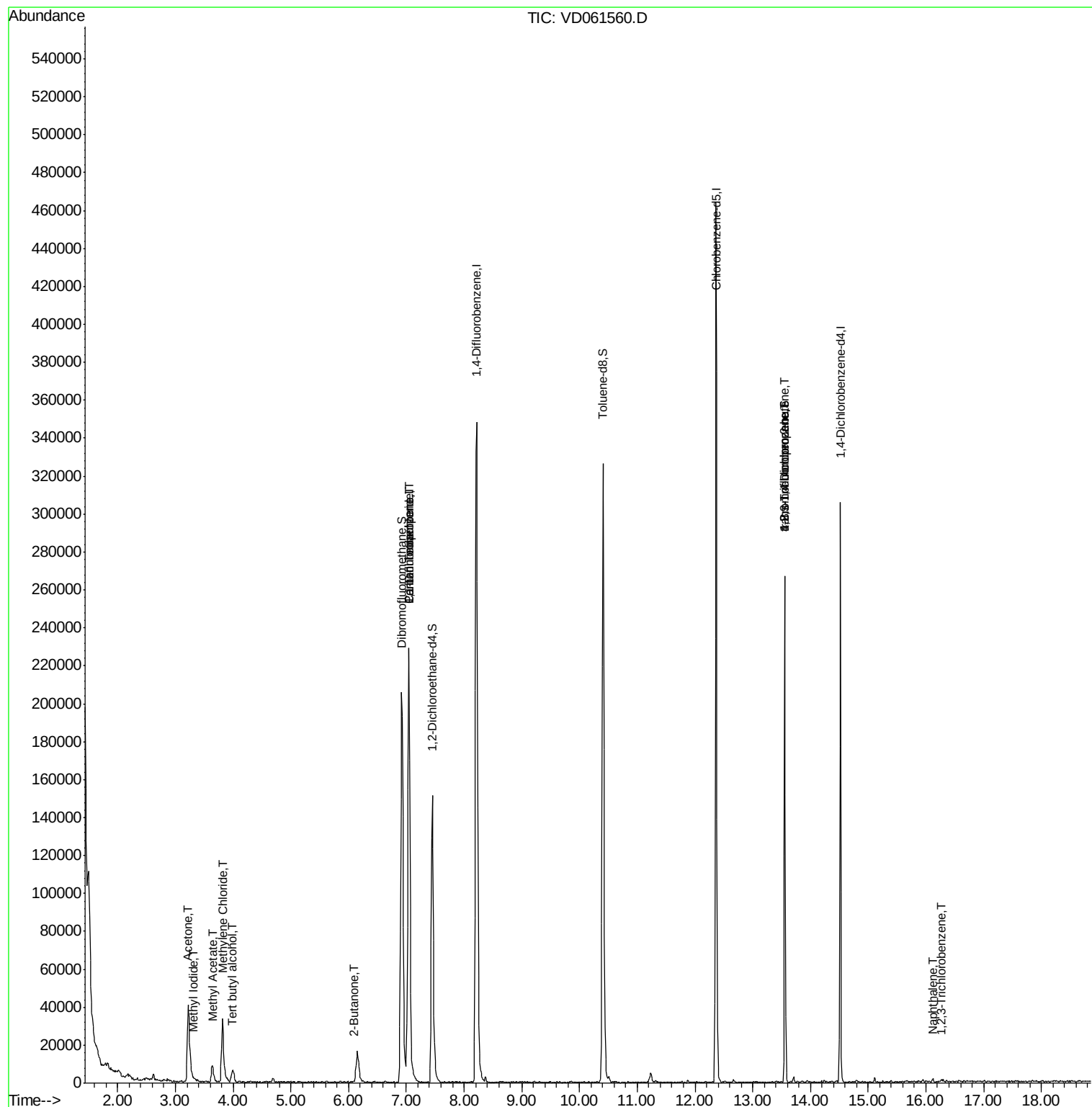
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.32	142	2683	4.011	ug/l #	38
11) Tert butyl alcohol	4.00	59	6419	50.052	ug/l #	76
16) Acetone	3.22	43	80791	152.614	ug/l	99
18) Methyl Acetate	3.64	43	16469	14.796	ug/l	97
20) Methylene Chloride	3.82	84	25725	7.024	ug/l	93
25) 2-Butanone	6.08	43	922	1.385	ug/l #	54
36) 1,1-Dichloropropene	7.04	75	16928	4.330	ug/l #	47
38) Carbon Tetrachloride	7.04	117	22112	4.922	ug/l #	14
76) 1,2,3-Trichloropropane	13.55	75	20545	21.057	ug/l #	45
81) trans-1,4-Dichloro-2-buten	13.55	75	28969	97.380	ug/l #	18
95) Naphthalene	16.12	128	1856	1.381	ug/l #	70
96) 1,2,3-Trichlorobenzene	16.27	180	492	1.268	ug/l #	71

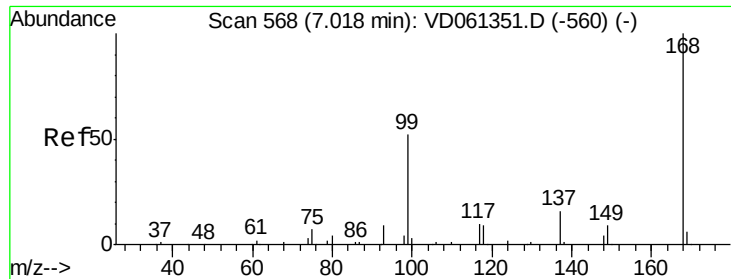
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040319\
Data File : VD061560.D
Acq On : 3 Apr 2019 17:21
Operator : VA/AP
Sample : K2186-19RE
Misc : 5.46g/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 04 01:50:12 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

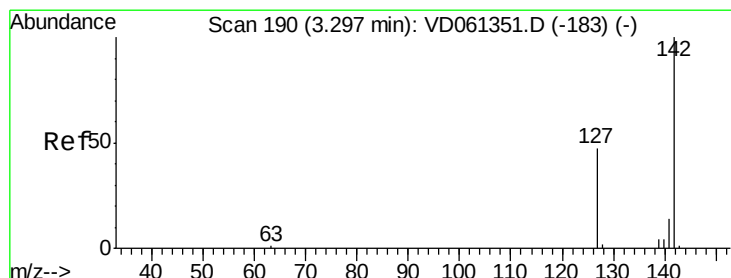
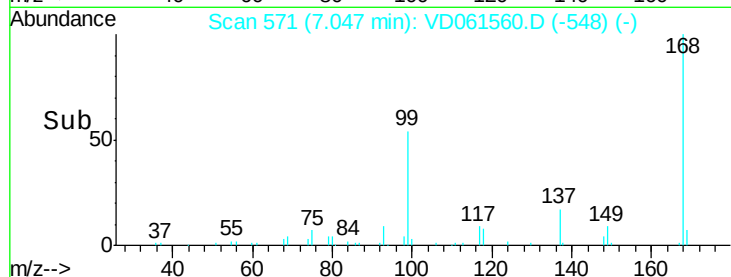
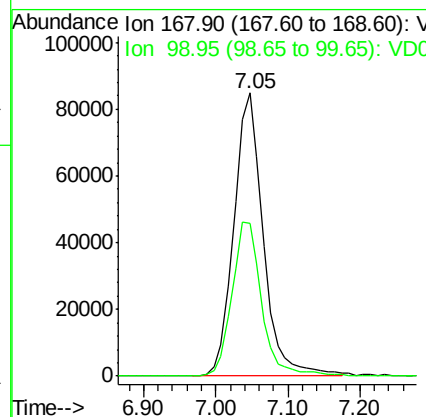
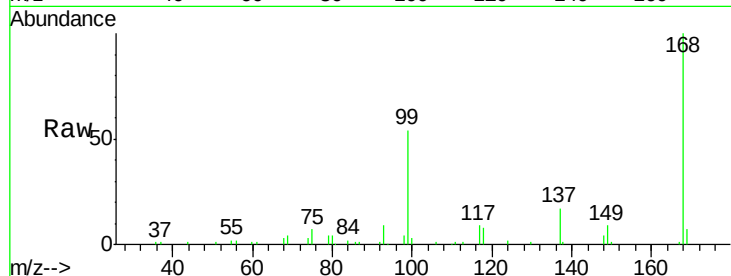




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.03 min
Lab File: VD061560.D
Acq: 3 Apr 2019 17:21

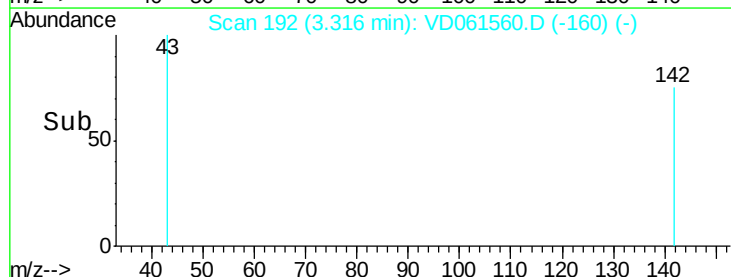
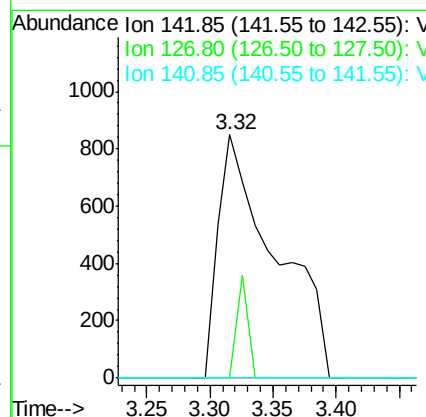
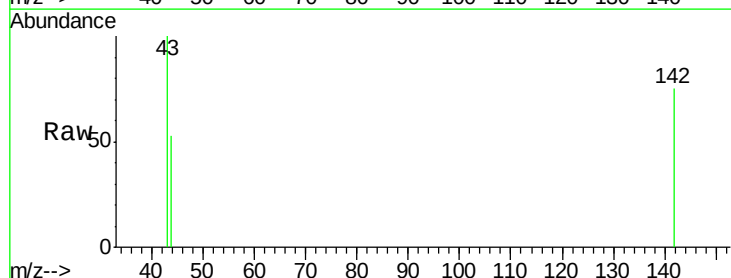
Instrument :
MSVOA_D
ClientSampleId :

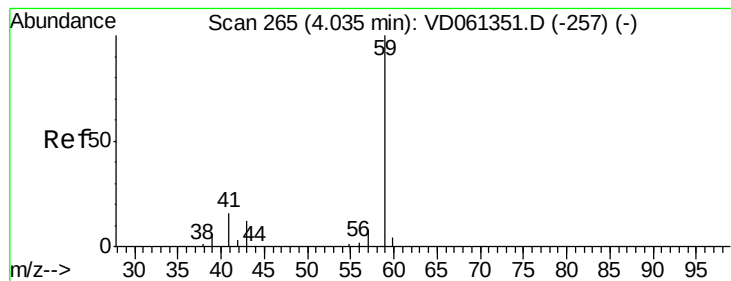
Tot Ion:168 Resp: 241070
Ion Ratio Lower Upper
168 100
99 53.9 43.1 64.7



#10
Methyl Iodide
Concen: 4.011 ug/l
RT: 3.32 min Scan# 192
Delta R.T. 0.02 min
Lab File: VD061560.D
Acq: 3 Apr 2019 17:21

Tgt Ion:142 Resp: 2683
Ion Ratio Lower Upper
142 100
127 0.0 37.7 56.5#
141 0.0 11.5 17.3#



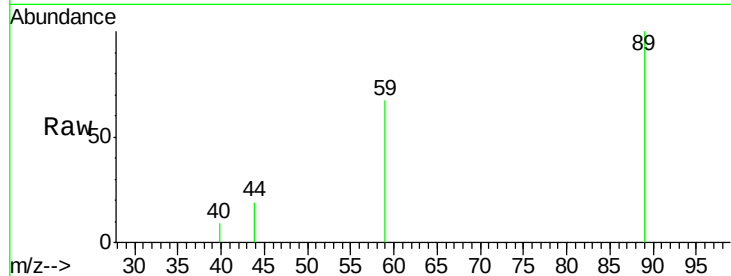


#11

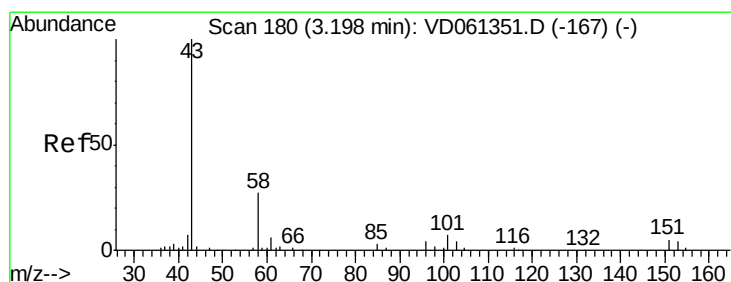
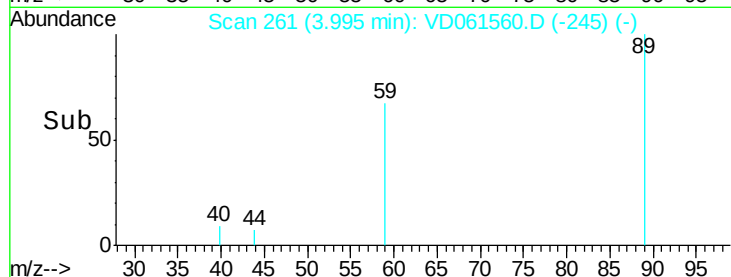
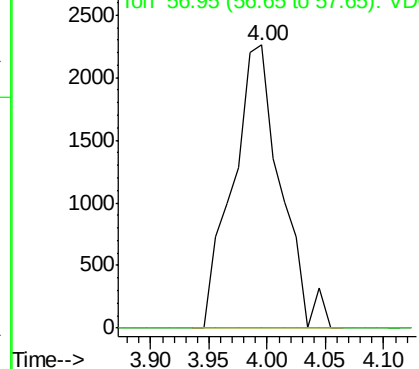
Tert butyl alcohol
 Concen: 50.052 ug/l
 RT: 4.00 min Scan# 261
 Delta R.T. -0.04 min
 Lab File: VD061560.D
 Acq: 3 Apr 2019 17:21

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 59 Resp: 6419
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.7 10.1#



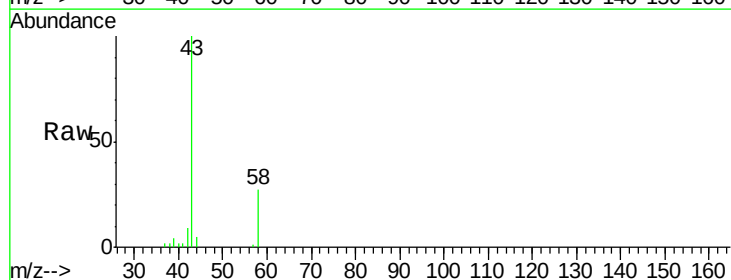
Abundance Ion 58.95 (58.65 to 59.65): VDC
 Ion 56.95 (56.65 to 57.65): VDC



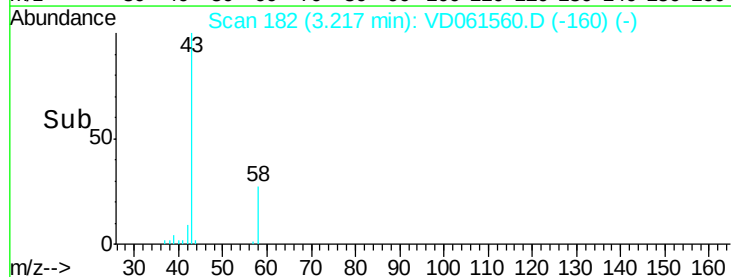
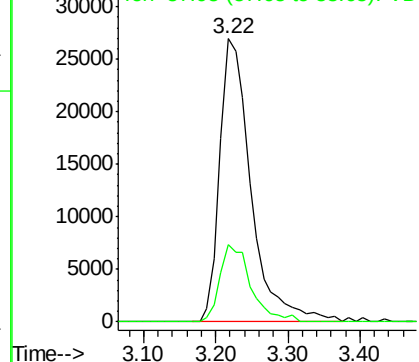
#16

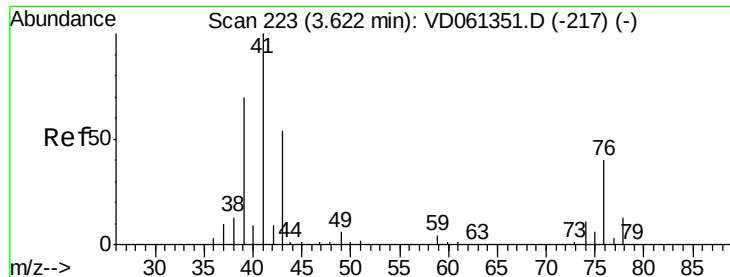
Acetone
 Concen: 152.614 ug/l
 RT: 3.22 min Scan# 182
 Delta R.T. 0.02 min
 Lab File: VD061560.D
 Acq: 3 Apr 2019 17:21

Tgt Ion: 43 Resp: 80791
 Ion Ratio Lower Upper
 43 100
 58 27.2 21.5 32.3



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

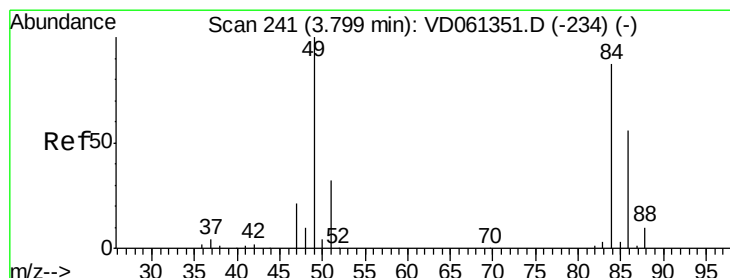
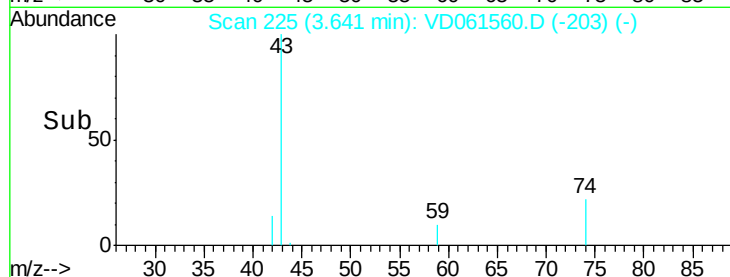
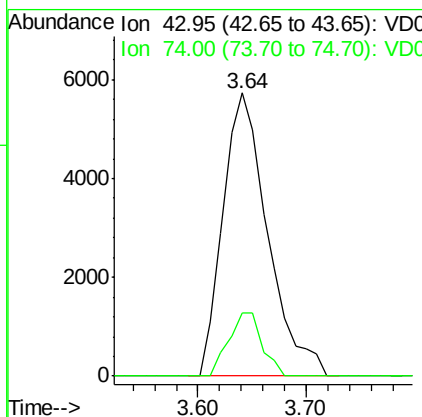
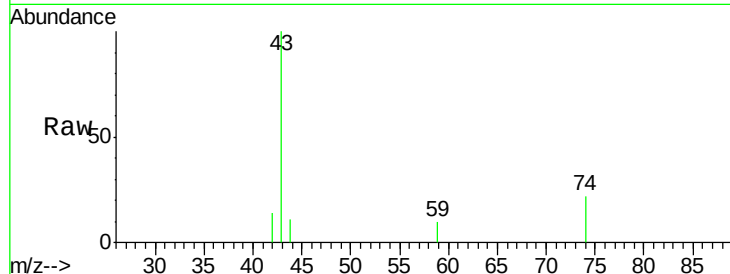




#18
Methyl Acetate
Concen: 14.796 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.02 min
Lab File: VD061560.D
Acq: 3 Apr 2019 17:21

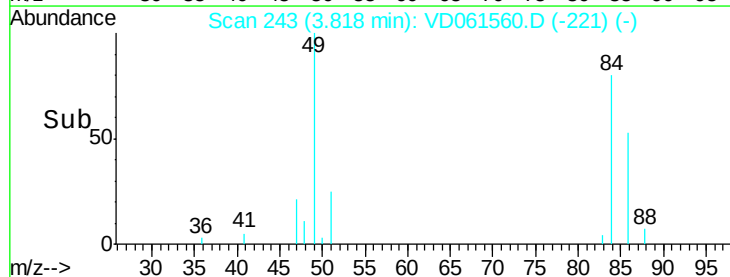
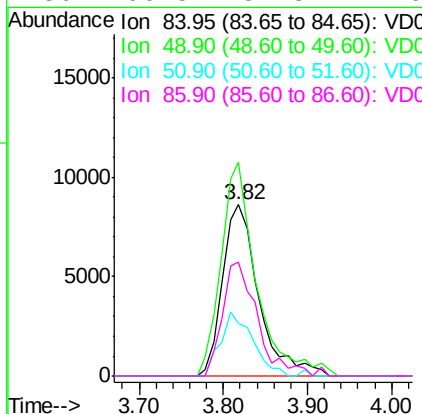
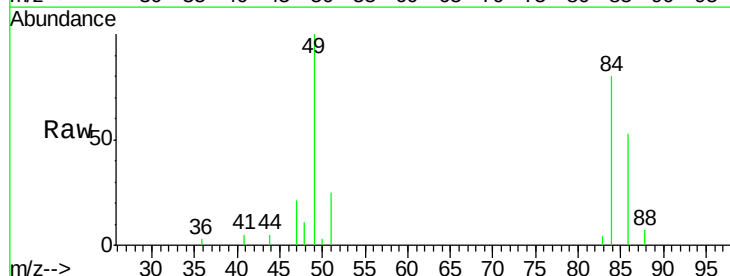
Instrument :
MSVOA_D
ClientSampleId :

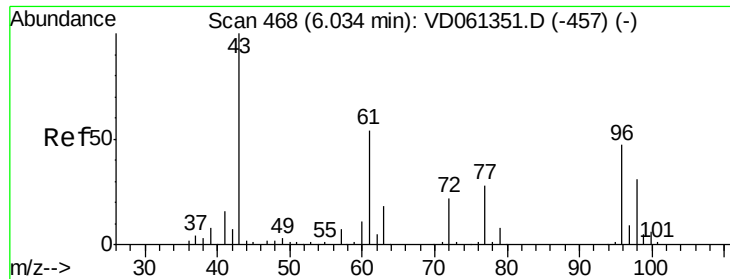
Tot Ion: 43 Resp: 16469
Ion Ratio Lower Upper
43 100
74 22.3 16.7 25.1



#20
Methylene Chloride
Concen: 7.024 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD061560.D
Acq: 3 Apr 2019 17:21

Tgt Ion: 84 Resp: 25725
Ion Ratio Lower Upper
84 100
49 125.0 91.8 137.8
51 30.9 29.8 44.8
86 66.5 51.8 77.6

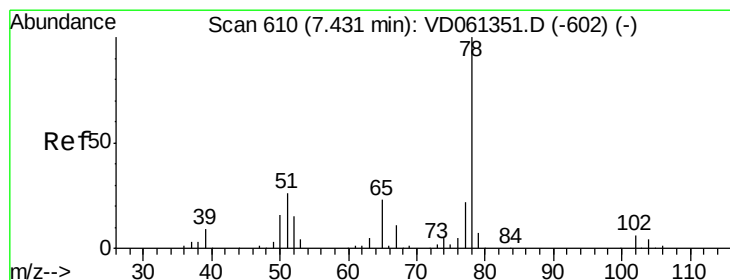
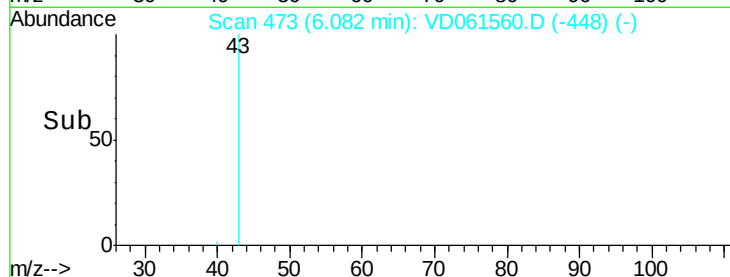
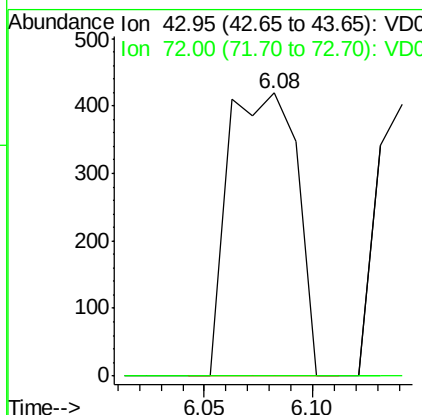
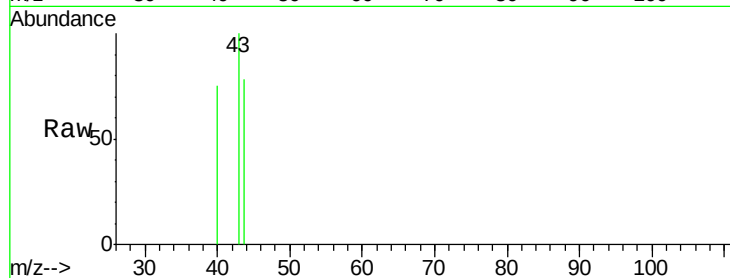




#25
2-Butanone
Concen: 1.385 ug/l
RT: 6.08 min Scan# 473
Delta R.T. 0.05 min
Lab File: VD061560.D
Acq: 3 Apr 2019 17:21

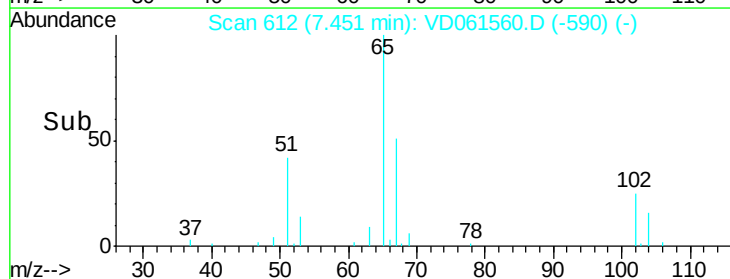
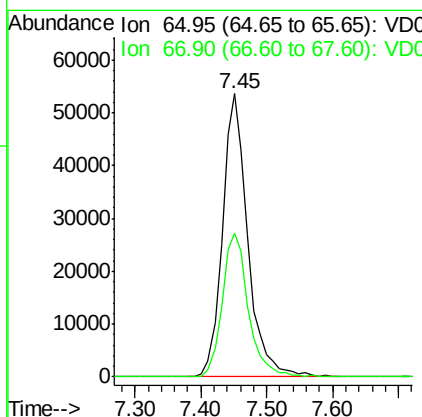
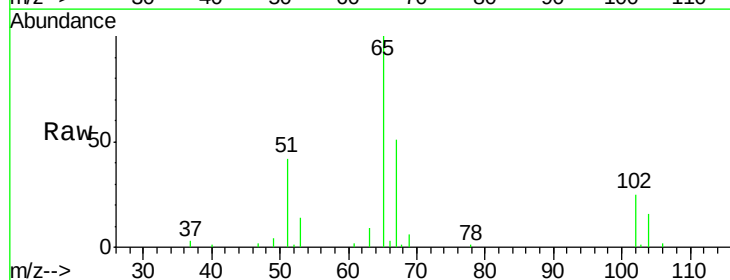
Instrument :
MSVOA_D
ClientSampleId :

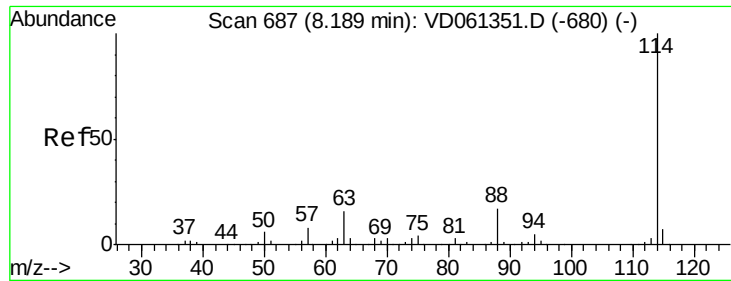
Tot Ion: 43 Resp: 922
Ion Ratio Lower Upper
43 100
72 0.0 17.2 25.8#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.02 min
Lab File: VD061560.D
Acq: 3 Apr 2019 17:21

Tgt Ion: 65 Resp: 143016
Ion Ratio Lower Upper
65 100
67 51.0 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.03 min

Lab File: VD061560.D

Acq: 3 Apr 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

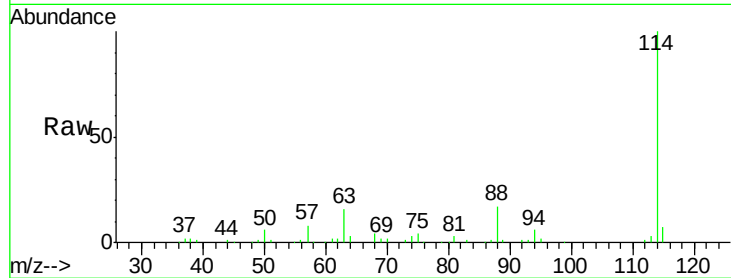
Tot Ion:114 Resp: 447948

Ion Ratio Lower Upper

114 100

63 15.6 0.0 31.6

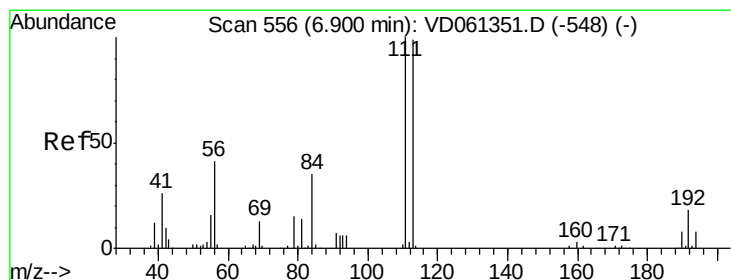
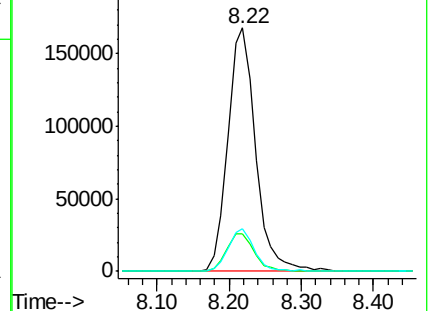
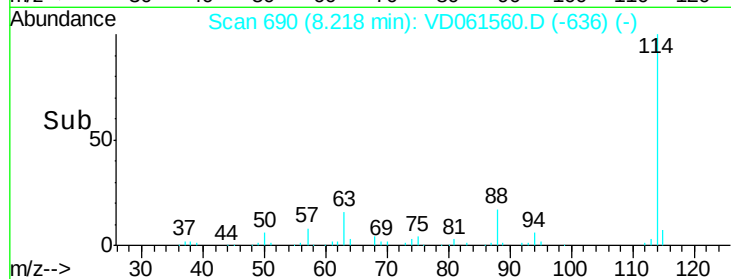
88 17.4 0.0 33.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.02 min

Lab File: VD061560.D

Acq: 3 Apr 2019 17:21

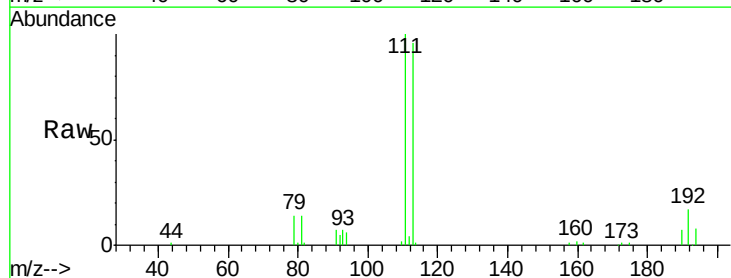
Tgt Ion:113 Resp: 194153

Ion Ratio Lower Upper

113 100

111 103.7 81.0 121.6

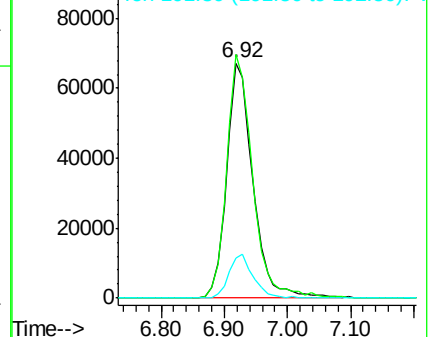
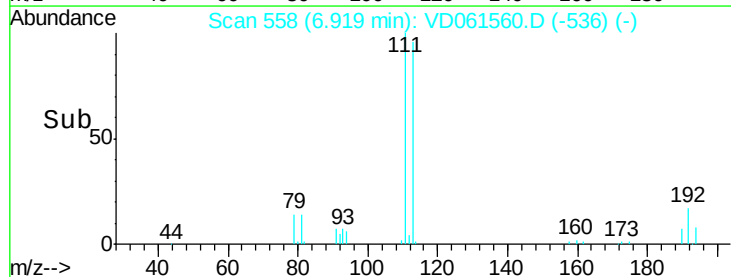
192 17.2 14.4 21.6

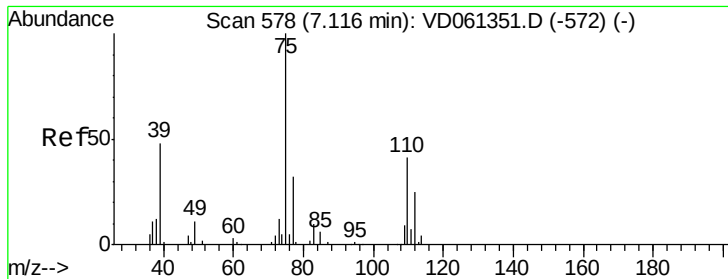


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

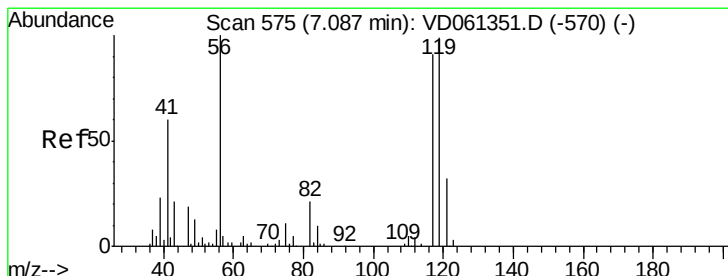
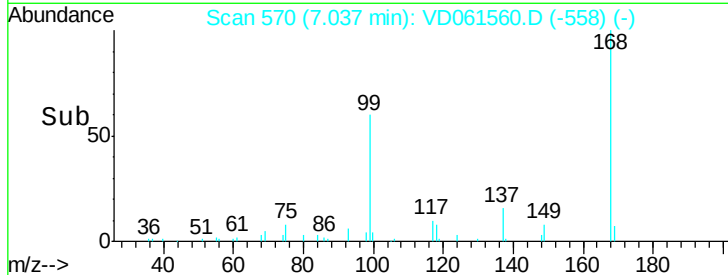
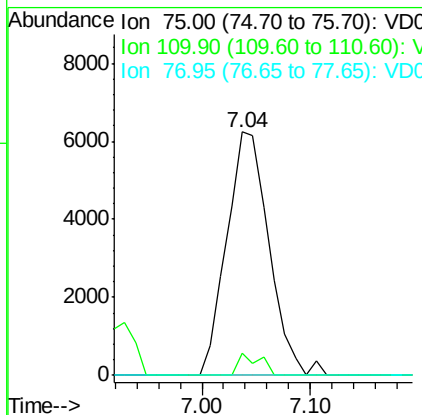
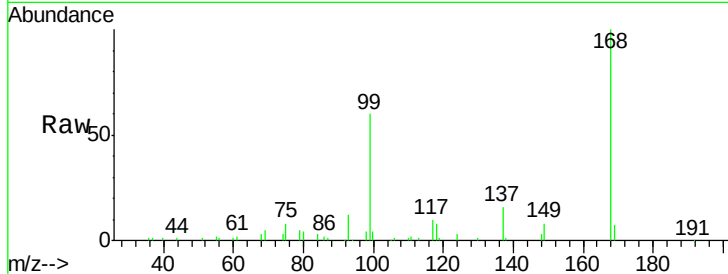




#36
 1,1-Dichloropropene
 Concen: 4.330 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.08 min
 Lab File: VD061560.D
 Acq: 3 Apr 2019 17:21

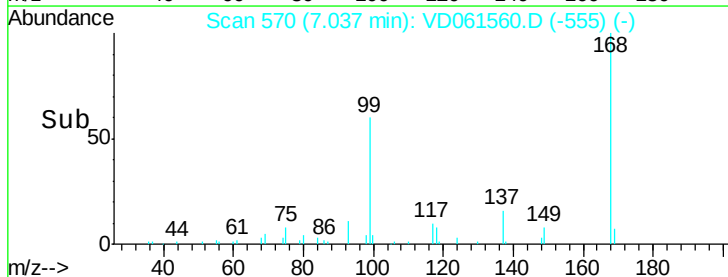
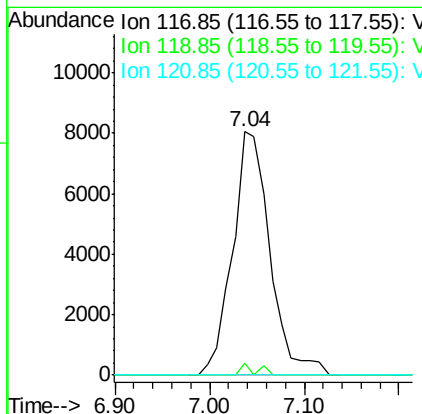
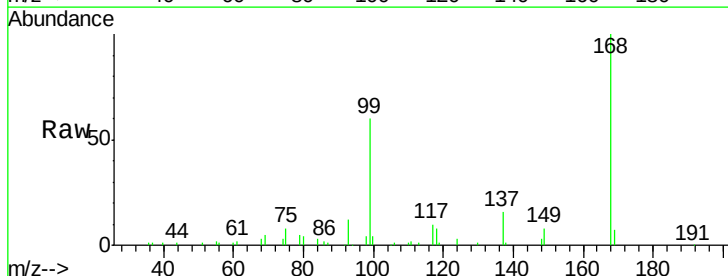
Instrument :
 MSVOA_D
 ClientSampleId :

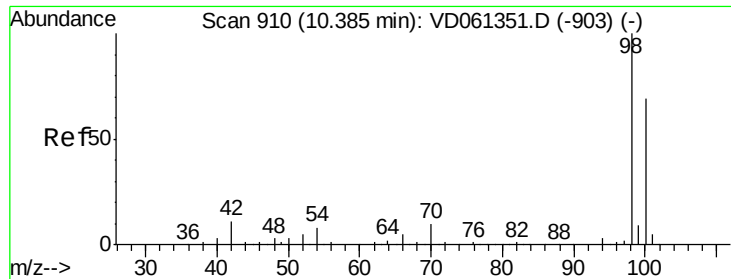
Tot Ion	75	Resp	16928
Ion Ratio	100	Lower	Upper
110	8.9	20.4	61.3#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 4.922 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.05 min
 Lab File: VD061560.D
 Acq: 3 Apr 2019 17:21

Tgt Ion	117	Resp	22112
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
119	5.0	80.1	120.1#
121	0.0	25.6	38.4#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.02 min

Lab File: VD061560.D

Acq: 3 Apr 2019 17:21

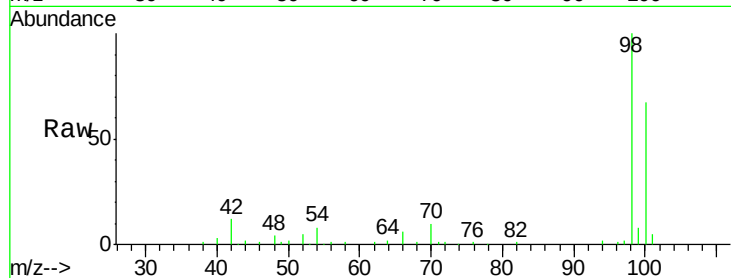
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 98 Resp: 293778

Ion Ratio Lower Upper

98 100

100 67.3 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)

Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

10.40

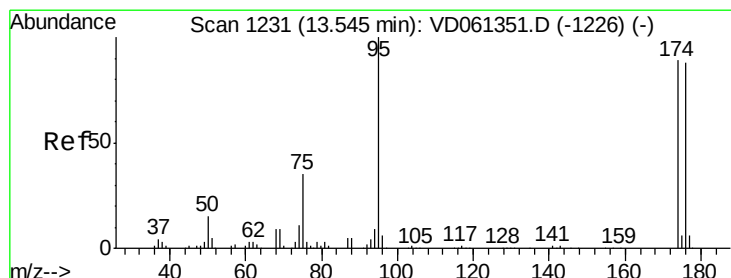
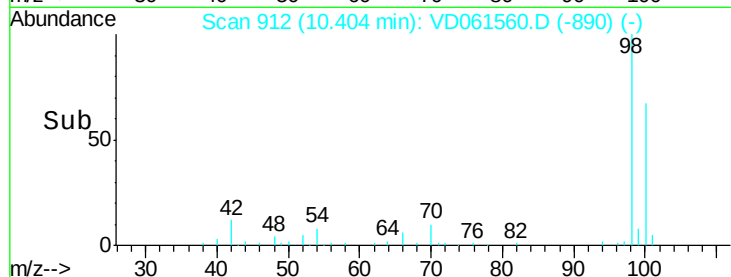
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD061560.D

Acq: 3 Apr 2019 17:21

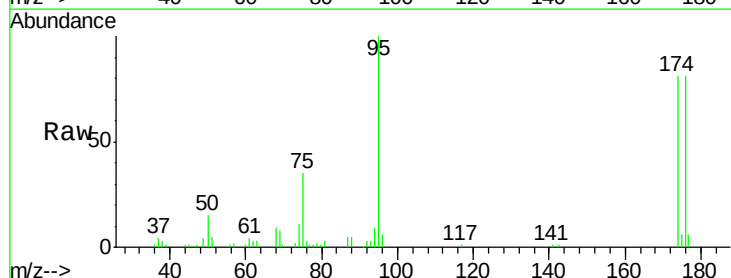
Tgt Ion: 95 Resp: 79475

Ion Ratio Lower Upper

95 100

174 81.2 0.0 178.0

176 81.1 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)

Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)

Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

13.55

80000

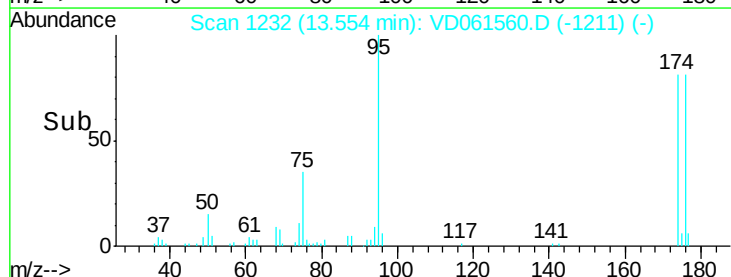
60000

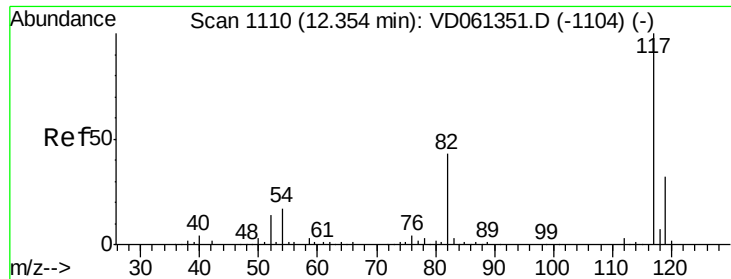
40000

20000

0

Time-->

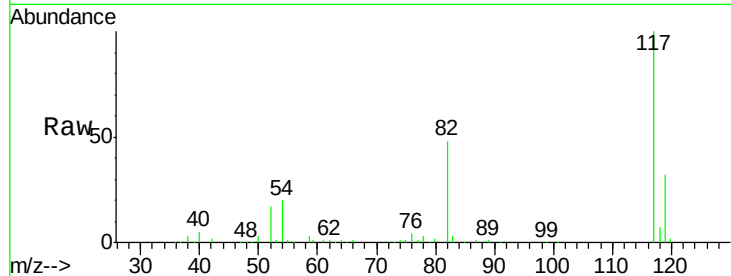




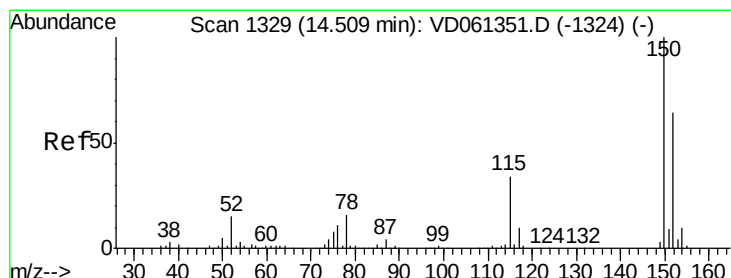
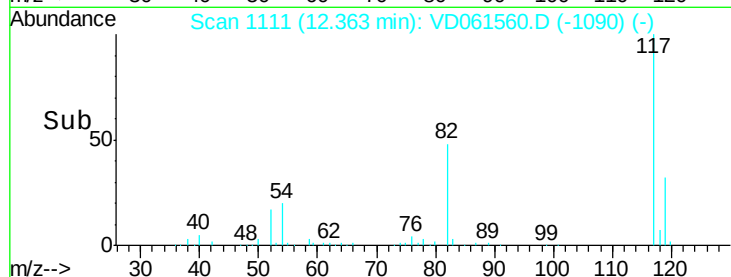
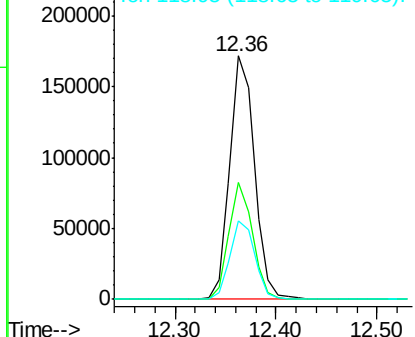
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061560.D
Acq: 3 Apr 2019 17:21

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 292094
Ion Ratio Lower Upper
117 100
82 48.0 34.4 51.6
119 32.4 25.8 38.6

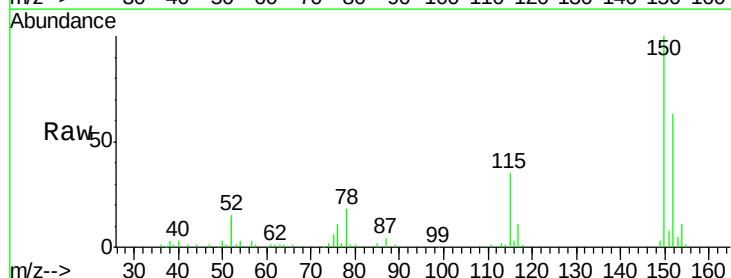


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

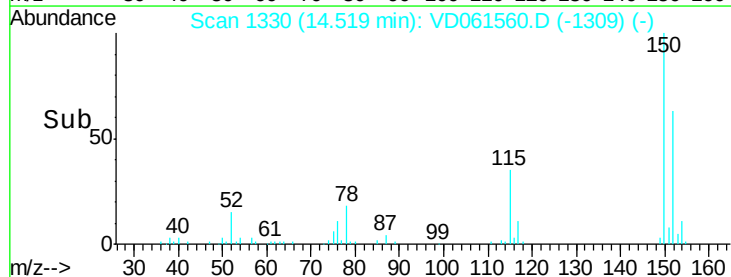
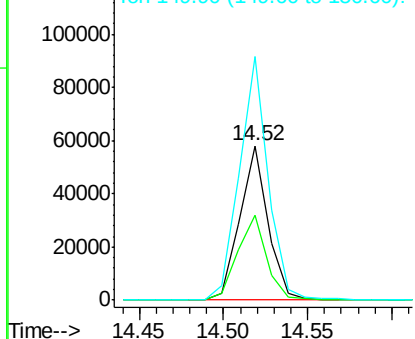


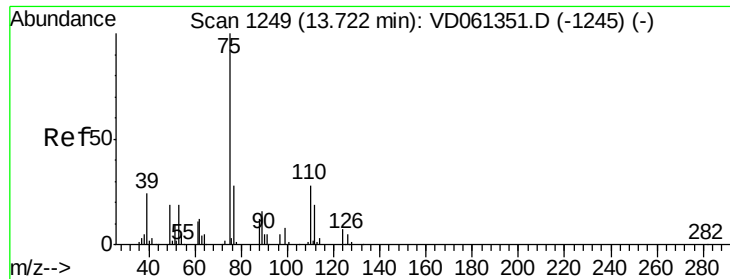
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061560.D
Acq: 3 Apr 2019 17:21

Tgt Ion:152 Resp: 67543
Ion Ratio Lower Upper
152 100
115 54.9 26.9 80.6
150 157.6 0.0 318.0



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

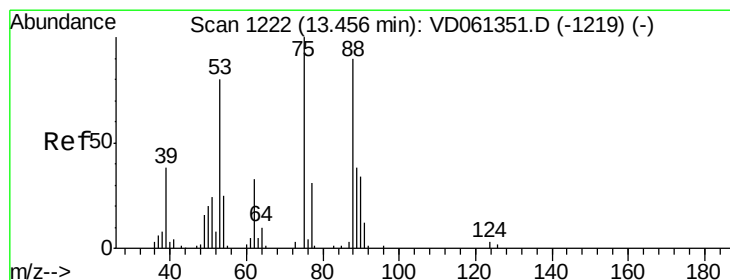
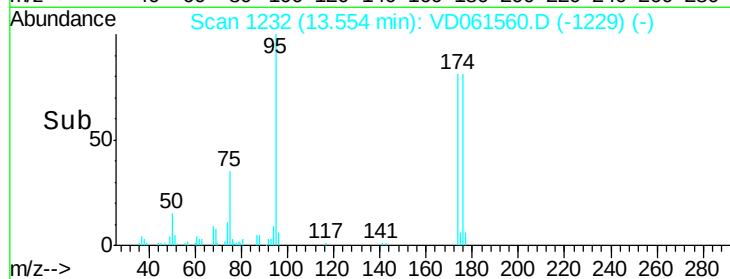
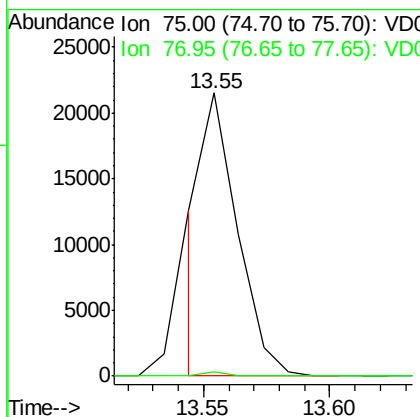
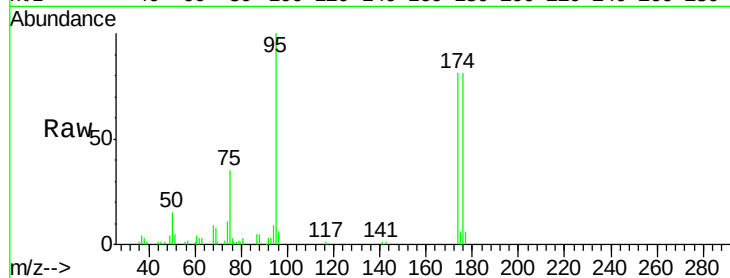




#76
 1,2,3-Trichloropropane
 Concen: 21.057 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.17 min
 Lab File: VD061560.D
 Acq: 3 Apr 2019 17:21

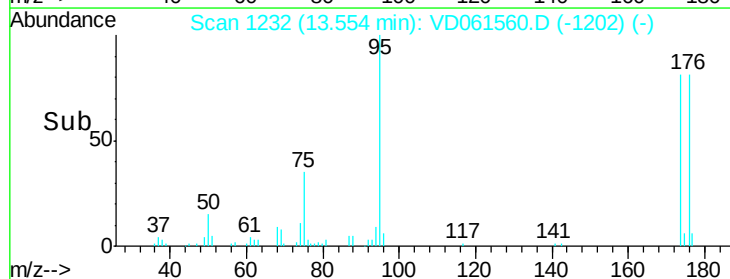
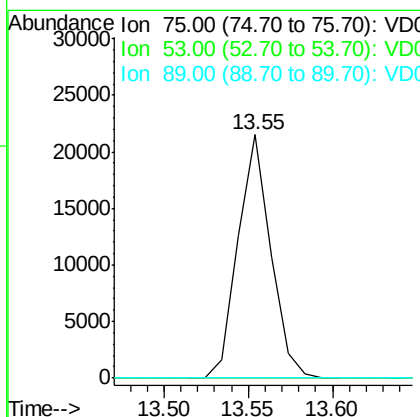
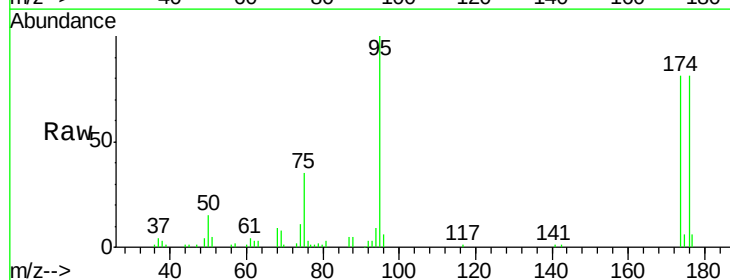
Instrument :
 MSVOA_D
 ClientSampleId :

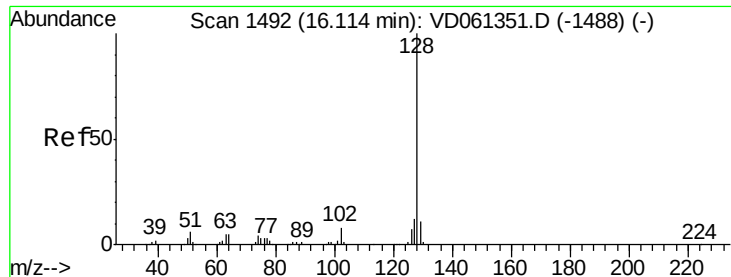
Tot Ion: 75 Resp: 20545
 Ion Ratio Lower Upper
 75 100
 77 1.5 16.2 48.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.380 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.10 min
 Lab File: VD061560.D
 Acq: 3 Apr 2019 17:21

Tgt Ion: 75 Resp: 28969
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.8#
 89 0.0 30.5 45.7#





#95

Naphthalene

Concen: 1.381 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VD061560.D

Acq: 3 Apr 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

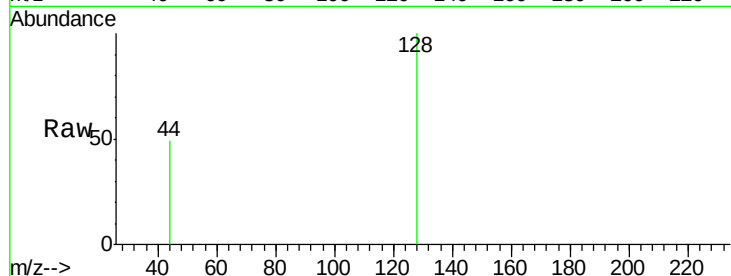
Tot Ion:128 Resp: 1856

Ion Ratio Lower Upper

128 100

127 0.0 9.9 14.9#

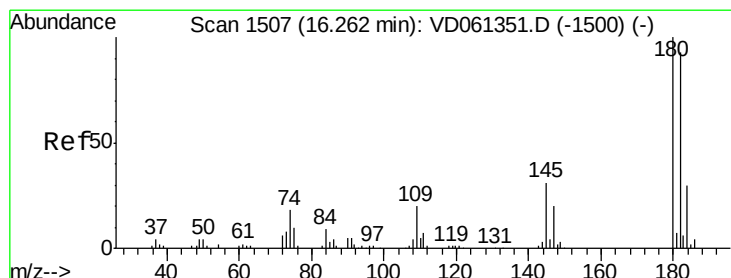
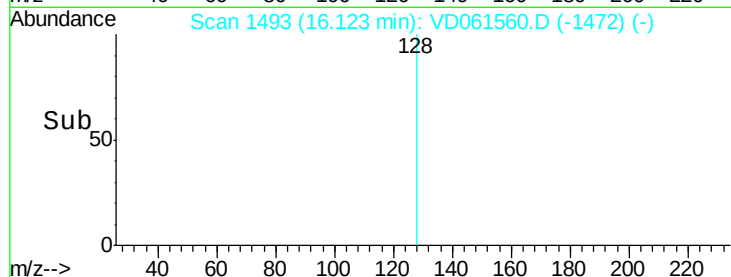
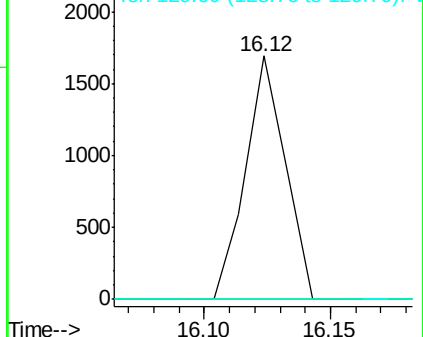
129 0.0 8.9 13.3#



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: 1.268 ug/l

RT: 16.27 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VD061560.D

Acq: 3 Apr 2019 17:21

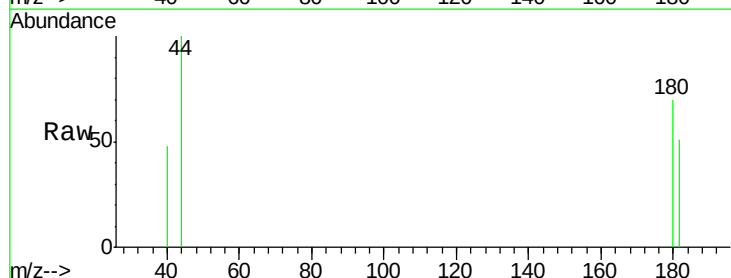
Tgt Ion:180 Resp: 492

Ion Ratio Lower Upper

180 100

182 73.7 46.4 139.1

145 0.0 15.3 45.9#



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

