

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061577.D
 Acq On : 4 Apr 2019 14:15
 Operator : VA/AP
 Sample : VD0404SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 05 01:09:29 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	649048	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	1036110	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	772515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	380861	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	276698	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	
35) Dibromofluoromethane	6.90	113	431019	54.44	ug/l	0.00
Spiked Amount			Recovery	=	108.88%	
50) Toluene-d8	10.39	98	1051721	55.38	ug/l	0.00
Spiked Amount			Recovery	=	110.76%	
62) 4-Bromofluorobenzene	13.55	95	401430	55.12	ug/l	0.00
Spiked Amount			Recovery	=	110.24%	

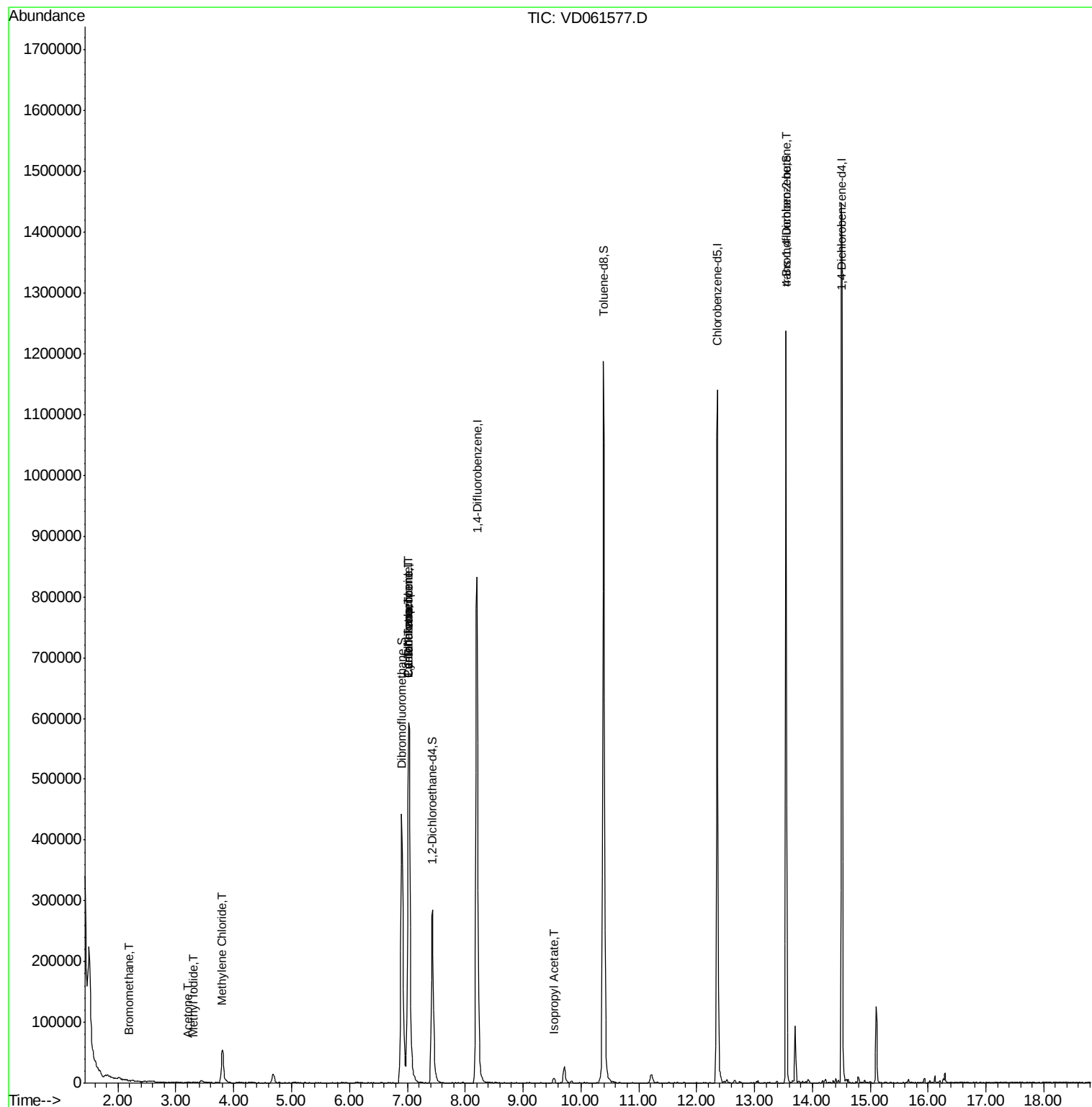
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.18	94	1875	1.822	ug/l #	10
10) Methyl Iodide	3.31	142	3163	3.705	ug/l #	74
16) Acetone	3.20	43	2451	1.720	ug/l #	48
20) Methylene Chloride	3.80	84	41647	3.428	ug/l	95
31) Cyclohexane	7.02	56	10541	1.104	ug/l #	1
36) 1,1-Dichloropropene	7.02	75	45077	4.985	ug/l #	47
38) Carbon Tetrachloride	7.02	117	61349	5.904	ug/l #	13
43) Isopropyl Acetate	9.53	43	6385	1.135	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.54	75	146745	87.481	ug/l #	18

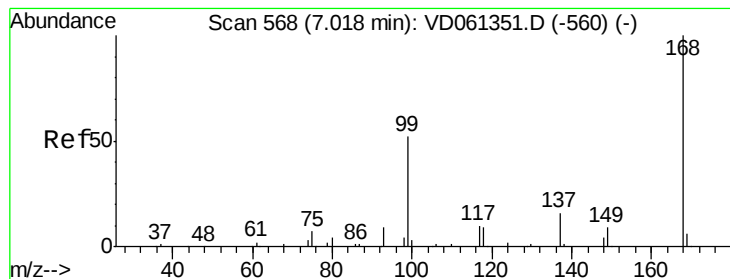
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040419\
Data File : VD061577.D
Acq On : 4 Apr 2019 14:15
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Misc : 5.00µl/5ml/MSVOA D/SOIL
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MSVOA_D
ClientSampleId :

Quant Time: Apr 05 01:09:29 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: VD061577.D

Acq: 4 Apr 2019 14:15

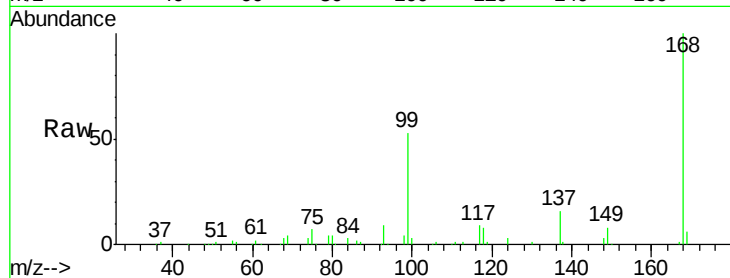
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 649048

Ion Ratio Lower Upper

168 100

99 52.9 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

250000

200000

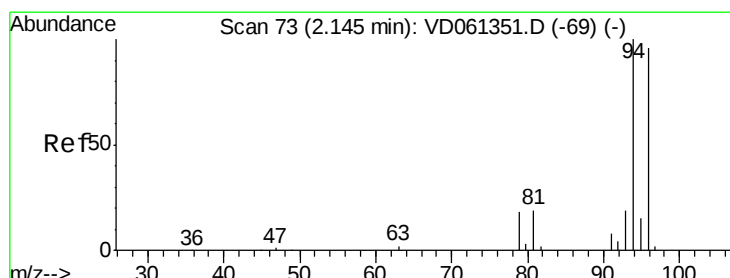
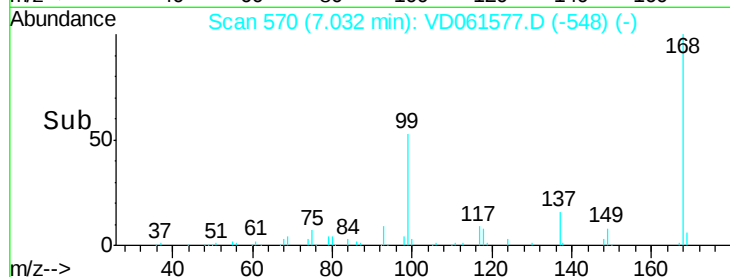
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#5

Bromomethane

Concen: 1.822 ug/l

RT: 2.18 min Scan# 77

Delta R.T. 0.03 min

Lab File: VD061577.D

Acq: 4 Apr 2019 14:15

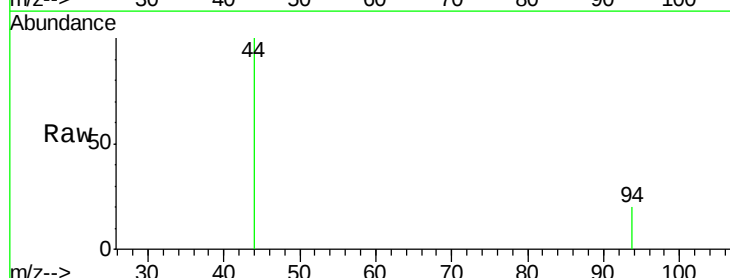
Tgt Ion: 94 Resp: 1875

Ion Ratio Lower Upper

94 100

96 0.0 78.3 117.5#

93 0.0 15.6 23.4#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

2.18

800

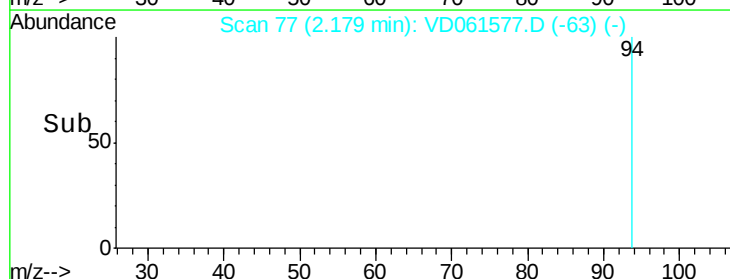
600

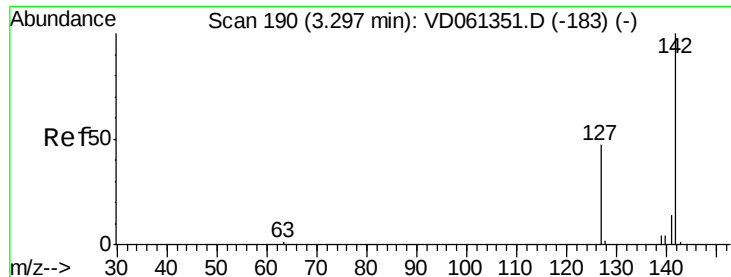
400

200

0

Time--> 2.05 2.10 2.15 2.20

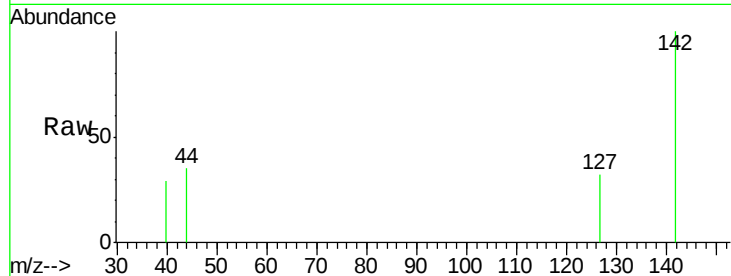




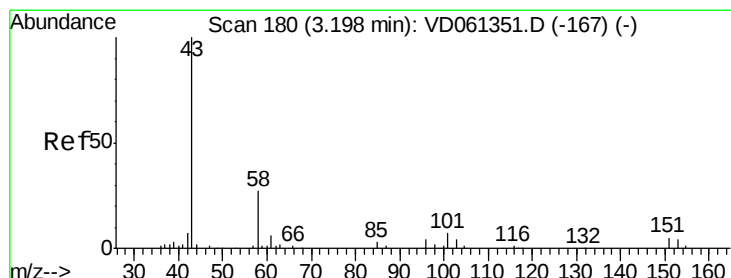
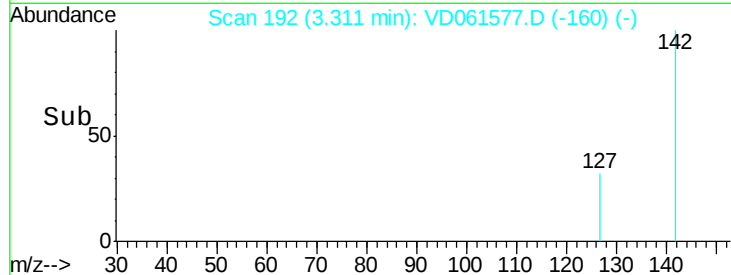
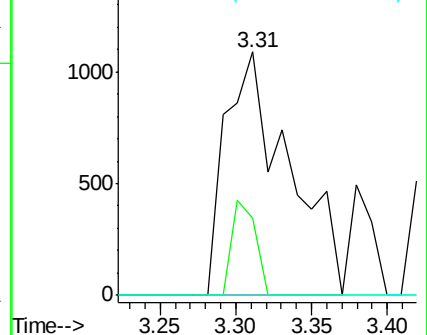
#10
Methvl Iodide
Concen: 3.705 ug/l
RT: 3.31 min Scan# 192
Delta R.T. 0.01 min
Lab File: VD061577.D
Acq: 4 Apr 2019 14:15

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:142 Resp: 3163
Ion Ratio Lower Upper
142 100
127 31.8 37.7 56.5#
141 0.0 11.5 17.3#

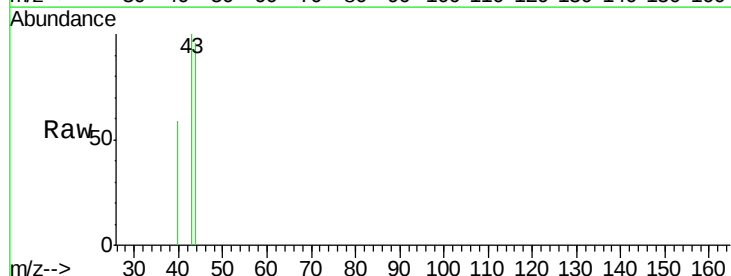


Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

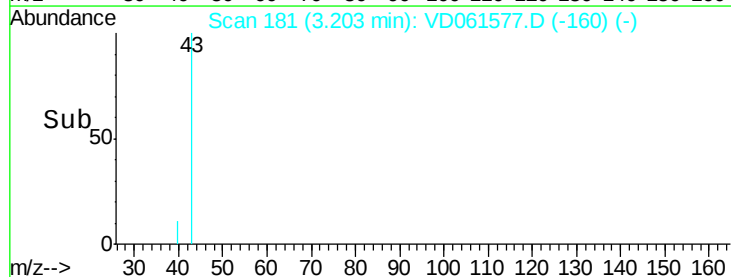
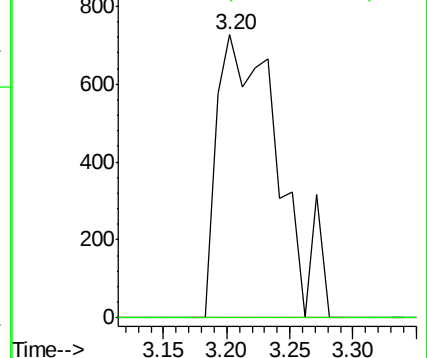


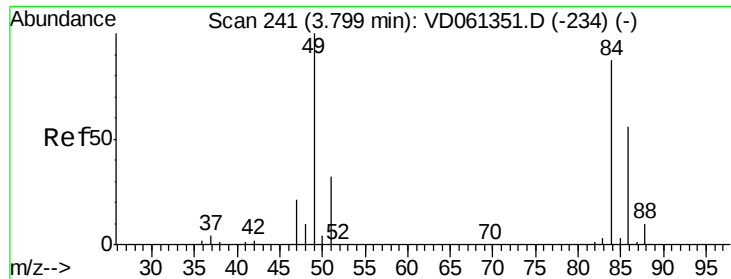
#16
Acetone
Concen: 1.720 ug/l
RT: 3.20 min Scan# 181
Delta R.T. 0.00 min
Lab File: VD061577.D
Acq: 4 Apr 2019 14:15

Tgt Ion: 43 Resp: 2451
Ion Ratio Lower Upper
43 100
58 0.0 21.5 32.3#



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

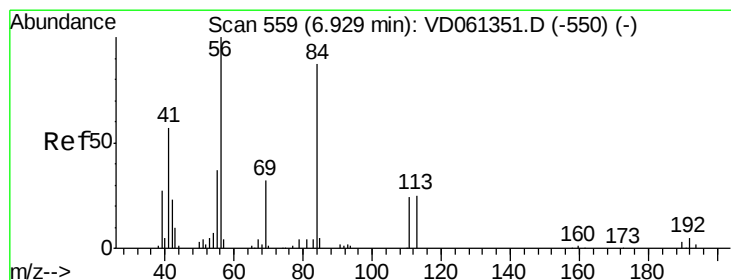
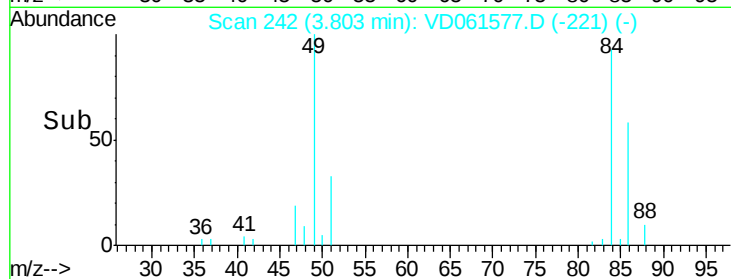
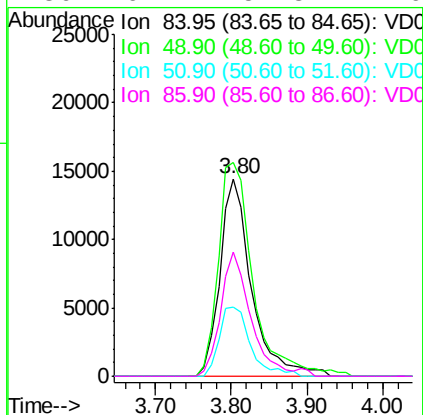
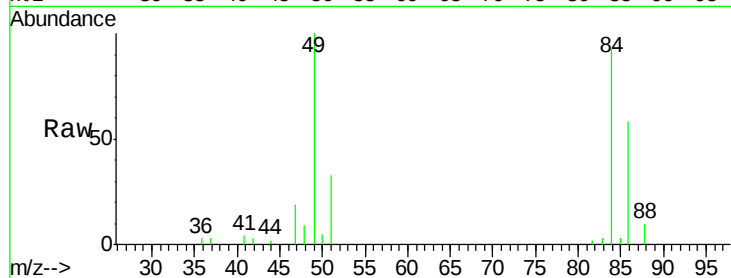




#20
Methvlene Chloride
Concen: 3.428 ug/l
RT: 3.80 min Scan# 242
Delta R.T. 0.00 min
Lab File: VD061577.D
Acq: 4 Apr 2019 14:15

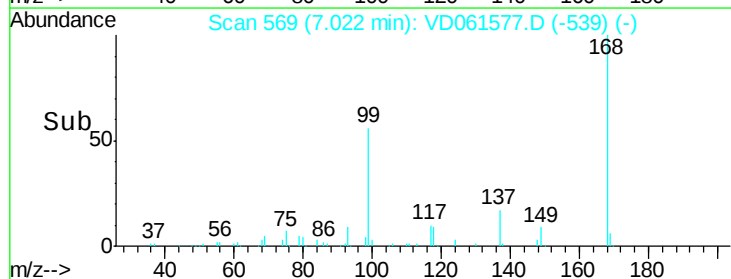
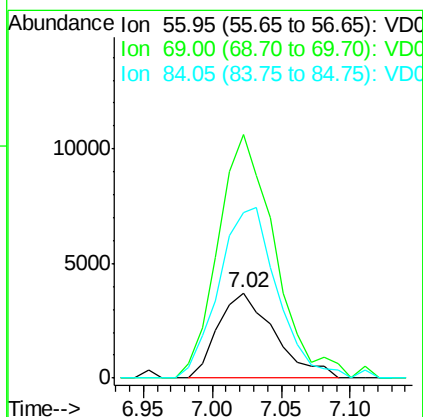
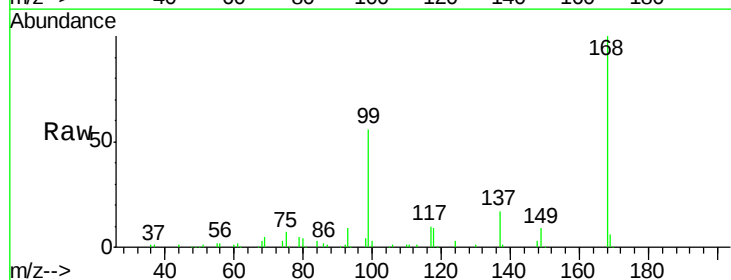
Instrument :
MSVOA_D
ClientSampleId :

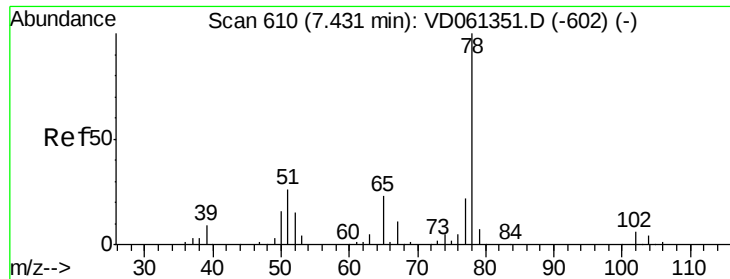
Tot Ion: 84 Resp: 41647
Ion Ratio Lower Upper
84 100
49 108.0 91.8 137.8
51 35.2 29.8 44.8
86 62.7 51.8 77.6



#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.02 min Scan# 569
Delta R.T. 0.09 min
Lab File: VD061577.D
Acq: 4 Apr 2019 14:15

Tgt Ion: 56 Resp: 10541
Ion Ratio Lower Upper
56 100
69 286.8 25.7 38.5#
84 194.8 70.6 105.8#

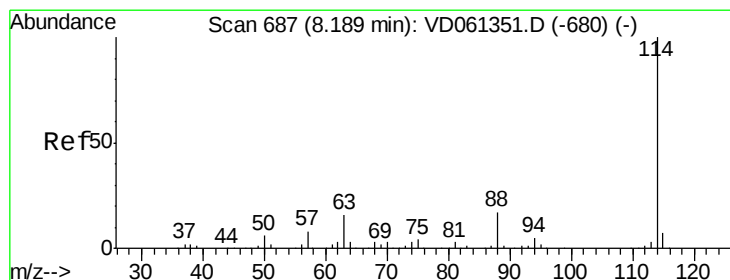
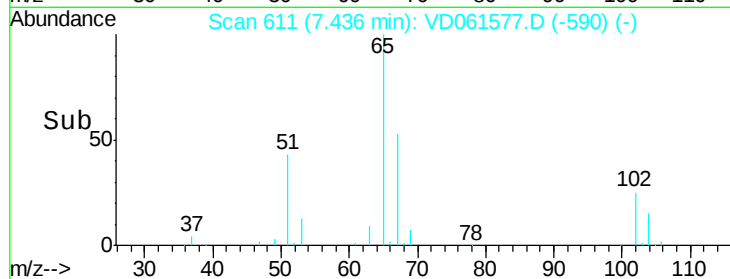
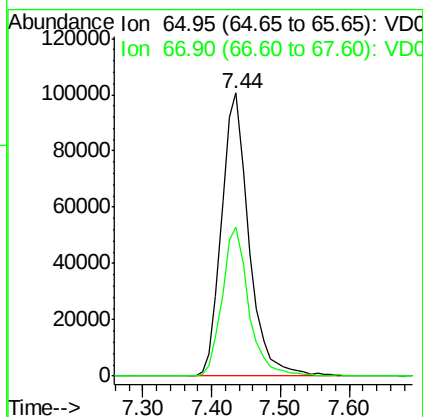
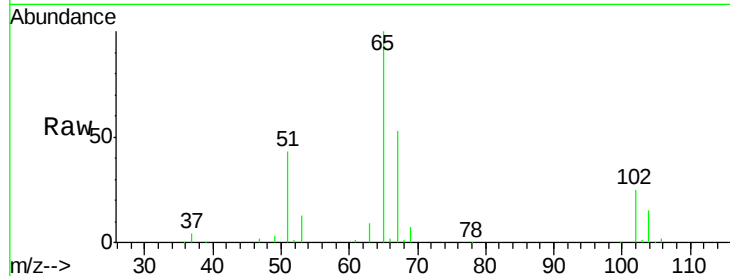




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VD061577.D
 Acq: 4 Apr 2019 14:15

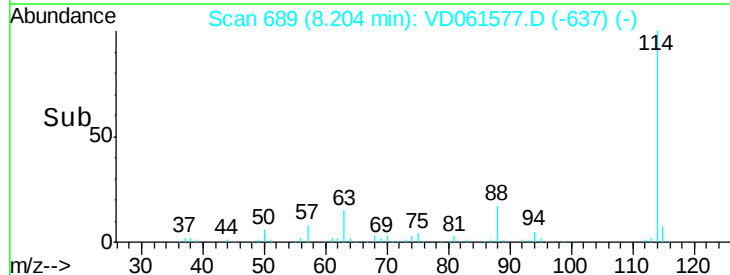
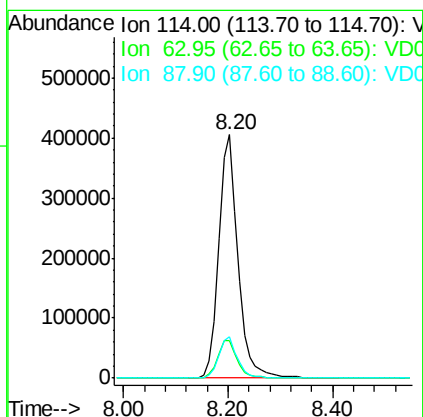
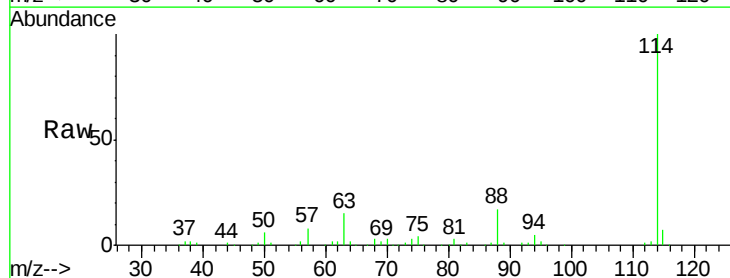
Instrument :
 MSVOA_D
 ClientSampled :

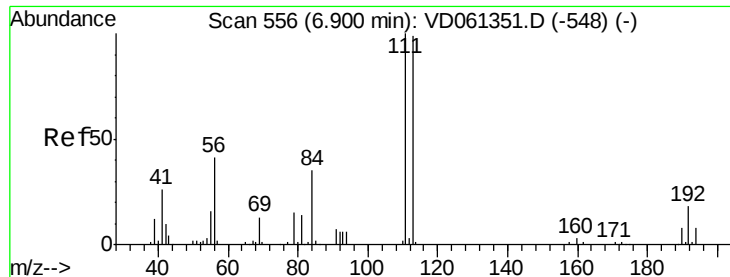
Tot Ion: 65 Resp: 276698
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD061577.D
 Acq: 4 Apr 2019 14:15

Tgt Ion: 114 Resp: 1036110
 Ion Ratio Lower Upper
 114 100
 63 15.4 0.0 31.6
 88 16.9 0.0 33.4

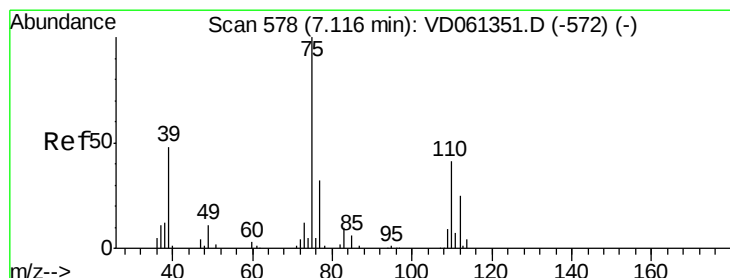
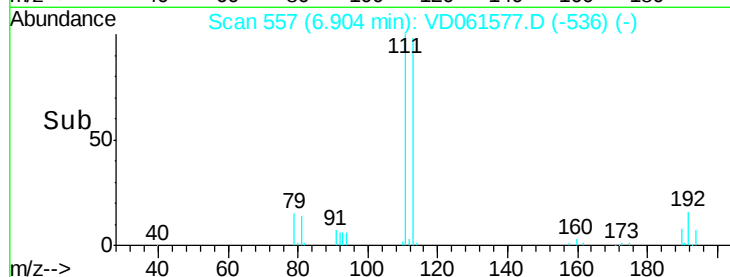
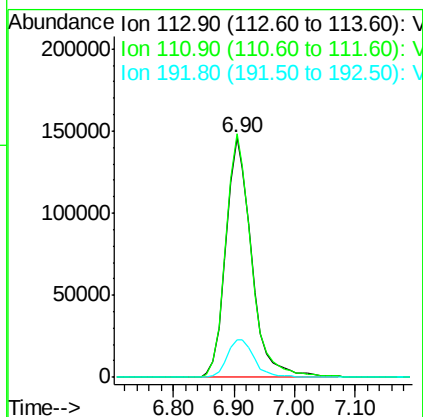
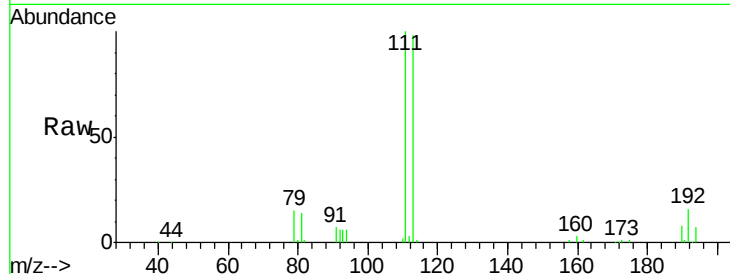




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.90 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: VD061577.D
 Acq: 4 Apr 2019 14:15

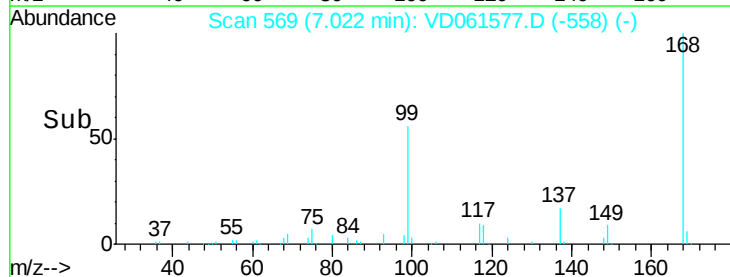
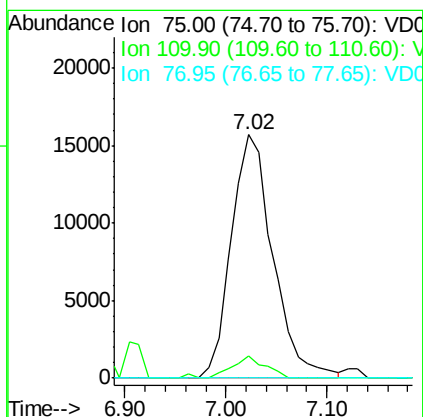
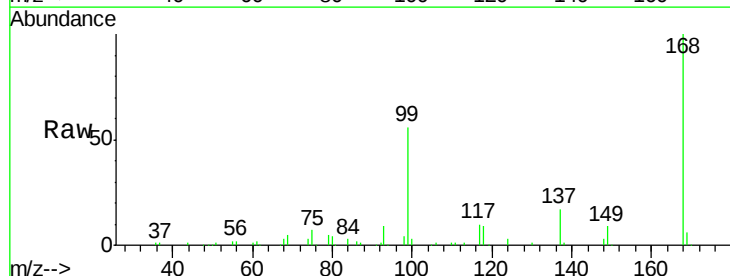
Instrument :
 MSVOA_D
 ClientSampleId :

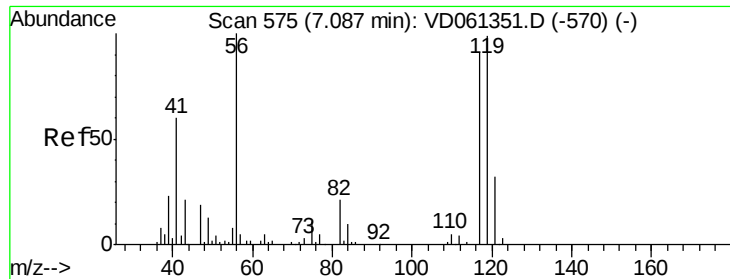
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.0	121.6
192	15.9	14.4	21.6



#36
 1,1-Dichloropropene
 Concen: 4.985 ug/l
 RT: 7.02 min Scan# 569
 Delta R.T. -0.09 min
 Lab File: VD061577.D
 Acq: 4 Apr 2019 14:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	20.4	61.3#
77	0.0	24.9	37.3#

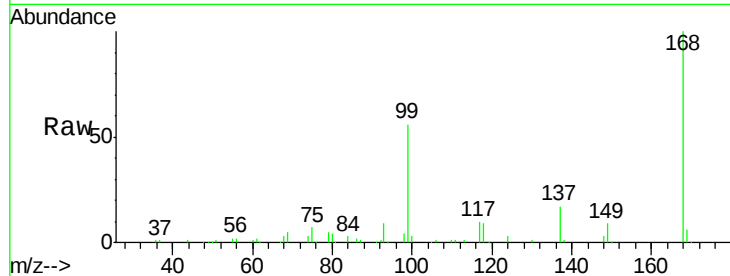




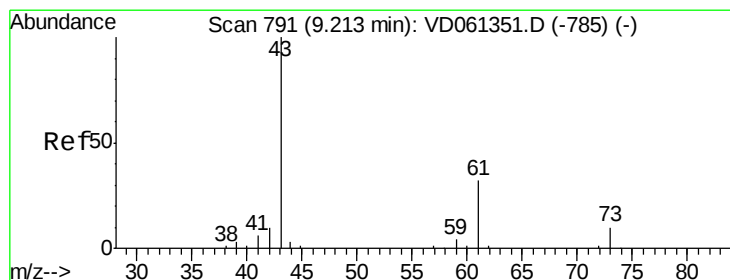
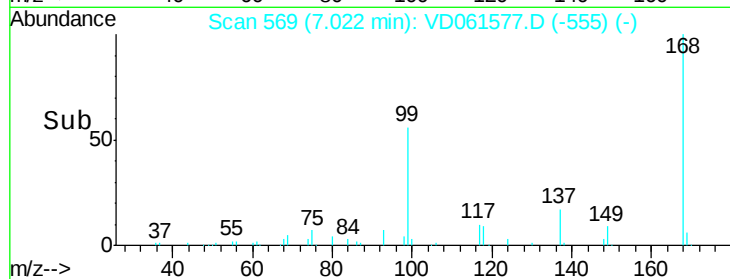
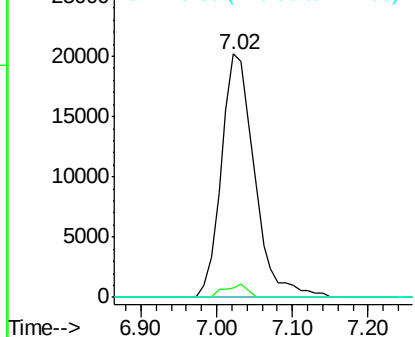
#38
Carbon Tetrachloride
Concen: 5.904 ug/l
RT: 7.02 min Scan# 569
Delta R.T. -0.06 min
Lab File: VD061577.D
Acq: 4 Apr 2019 14:15

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 61349
Ion Ratio Lower Upper
117 100
119 3.8 80.1 120.1#
121 0.0 25.6 38.4#

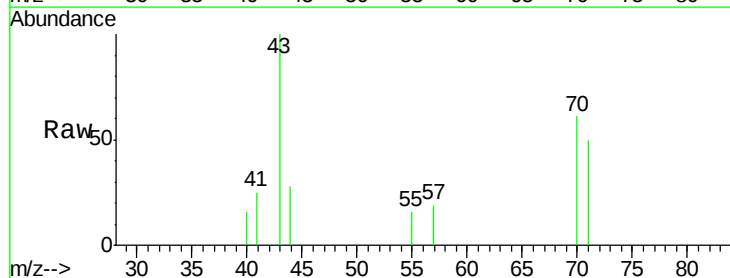


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

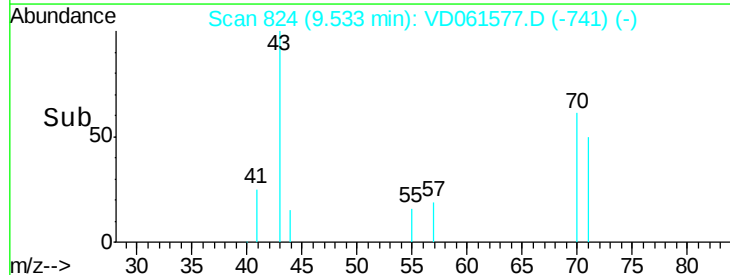
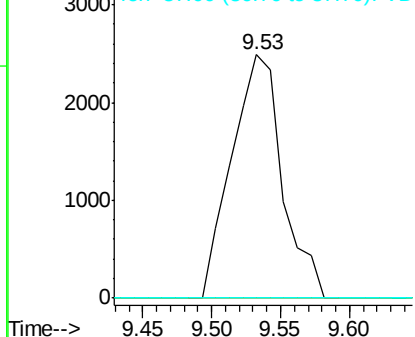


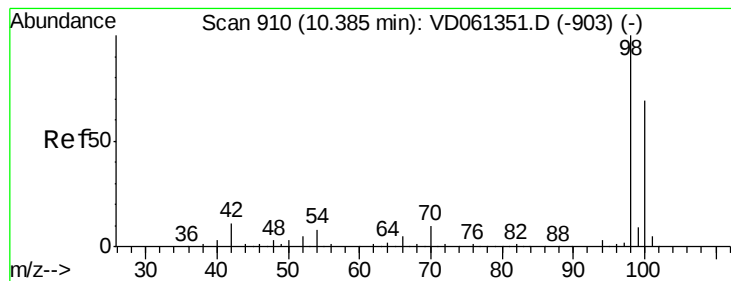
#43
Isopropyl Acetate
Concen: 1.135 ug/l
RT: 9.53 min Scan# 824
Delta R.T. 0.32 min
Lab File: VD061577.D
Acq: 4 Apr 2019 14:15

Tgt Ion: 43 Resp: 6385
Ion Ratio Lower Upper
43 100
61 0.0 25.8 38.6#
87 0.0 0.0 0.0



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.39 min Scan# 911

Delta R.T. 0.00 min

Lab File: VD061577.D

Acq: 4 Apr 2019 14:15

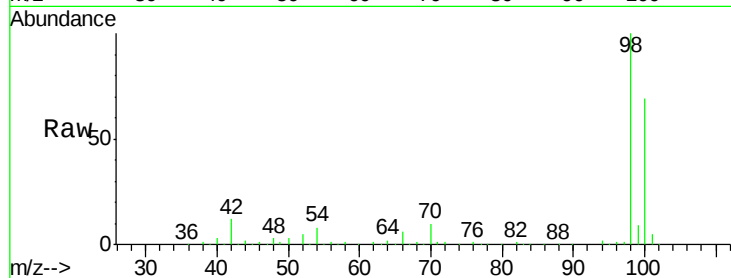
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 98 Resp: 1051721

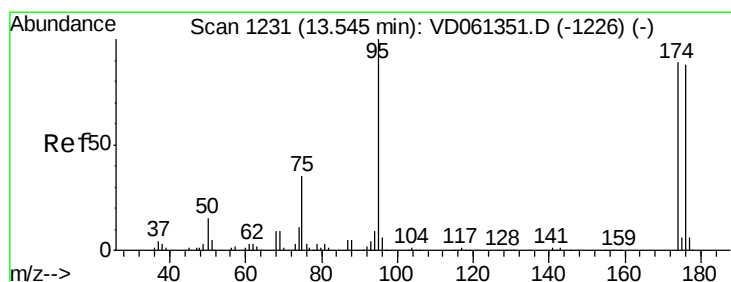
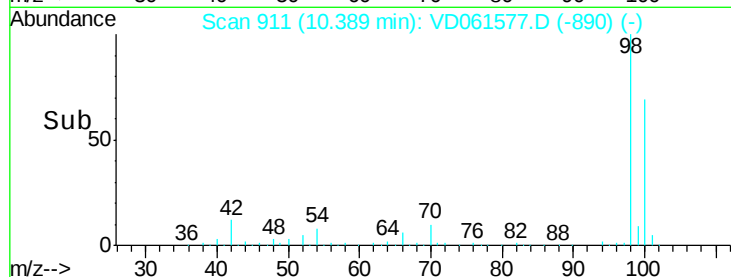
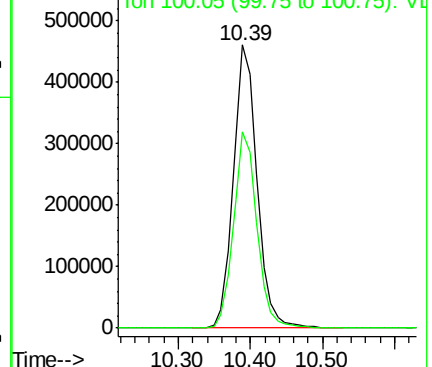
Ion Ratio Lower Upper

98 100

100 69.3 56.2 84.2



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



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061577.D

Acq: 4 Apr 2019 14:15

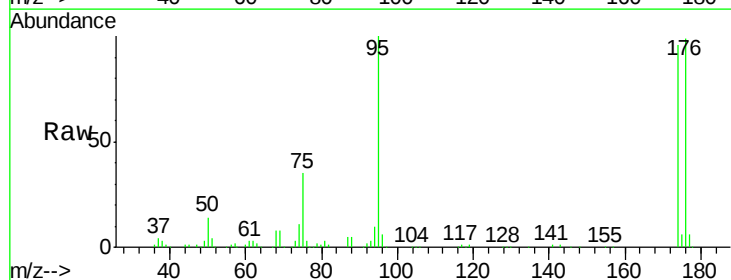
Tgt Ion: 95 Resp: 401430

Ion Ratio Lower Upper

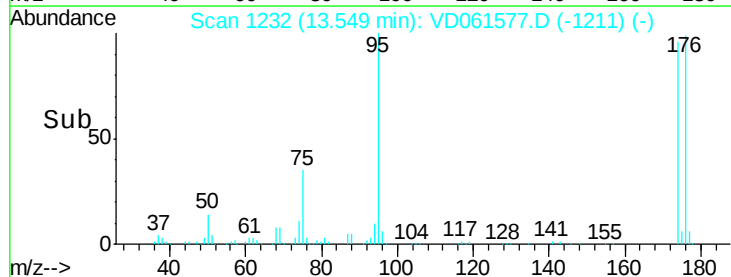
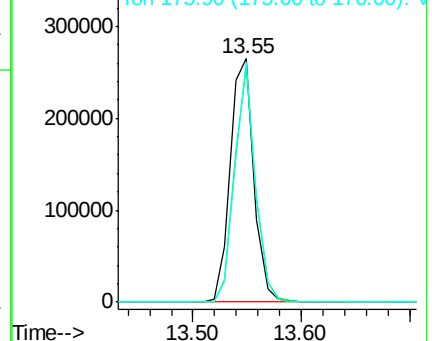
95 100

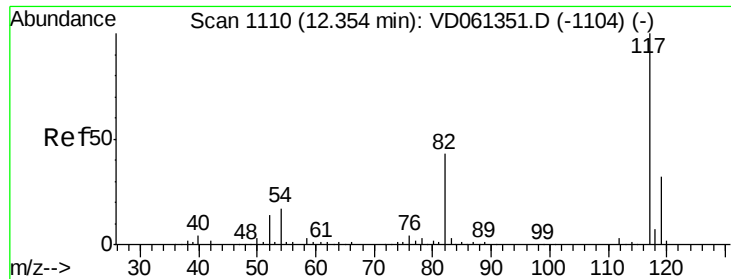
174 96.3 0.0 178.0

176 98.6 0.0 175.0



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

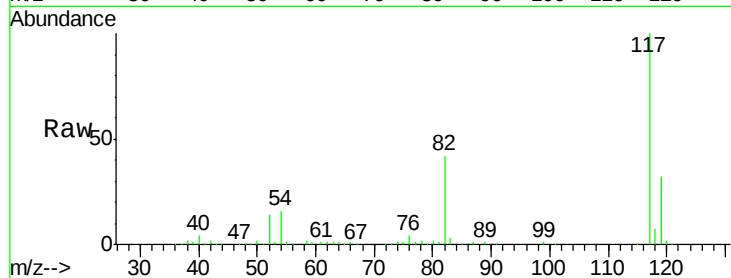




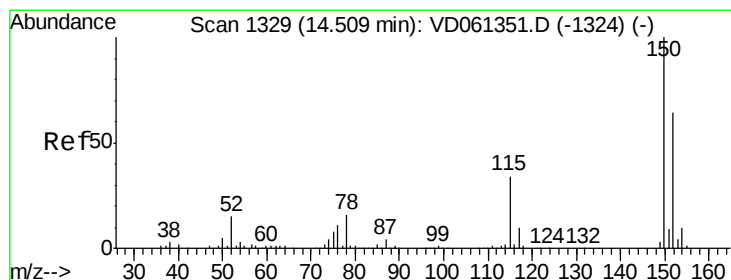
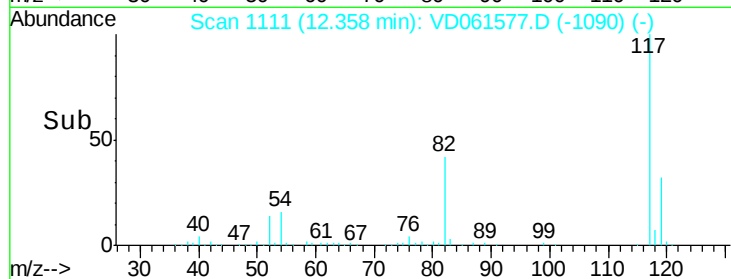
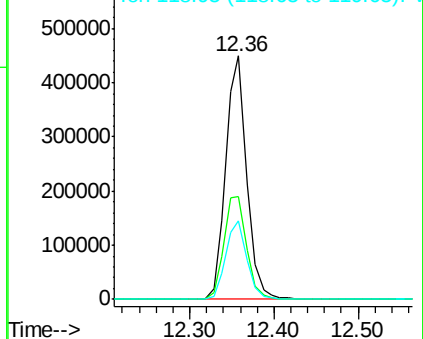
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061577.D
Acq: 4 Apr 2019 14:15

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 772515
Ion Ratio Lower Upper
117 100
82 42.1 34.4 51.6
119 32.3 25.8 38.6

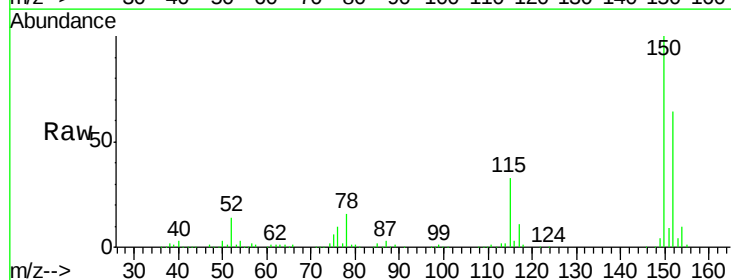


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

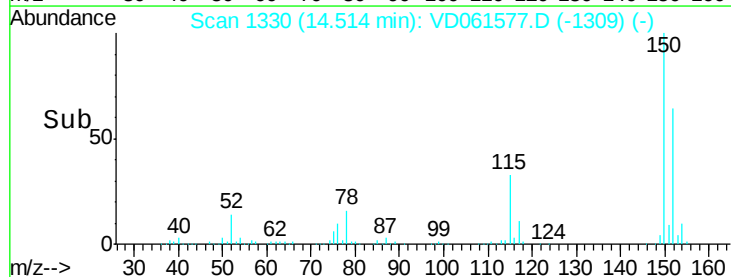
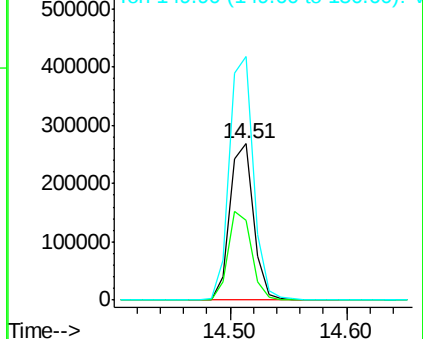


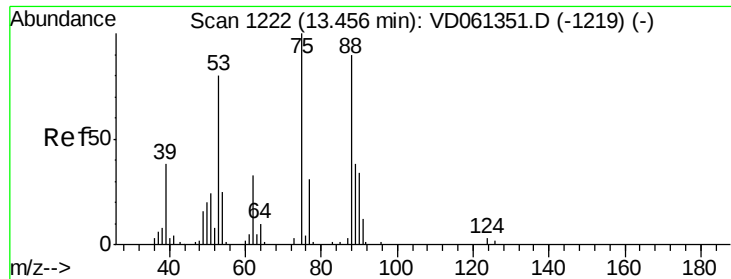
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061577.D
Acq: 4 Apr 2019 14:15

Tgt Ion:152 Resp: 380861
Ion Ratio Lower Upper
152 100
115 51.3 26.9 80.6
150 155.6 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





#81

trans-1,4-Dichloro-2-butene

Concen: 87.481 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.08 min

Lab File: VD061577.D

Acq: 4 Apr 2019 14:15

Instrument :

MSVOA_D

ClientSampleId :

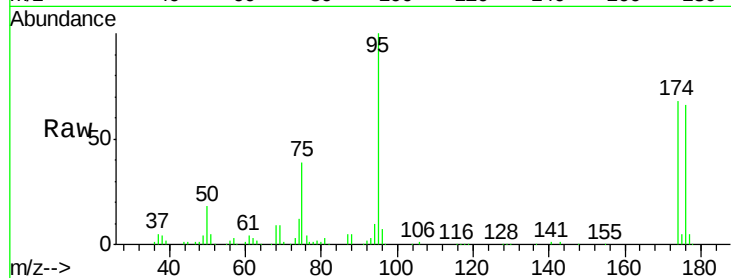
Tot Ion: 75 Resp: 146745

Ion Ratio Lower Upper

75 100

53 0.0 63.8 95.8#

89 0.0 30.5 45.7#



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

