

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040819\
 Data File : VD061659.D
 Acq On : 8 Apr 2019 19:15
 Operator : VA/AP
 Sample : K2309-01
 Misc : 5.40g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HA-040519

Quant Time: Apr 09 02:02:55 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

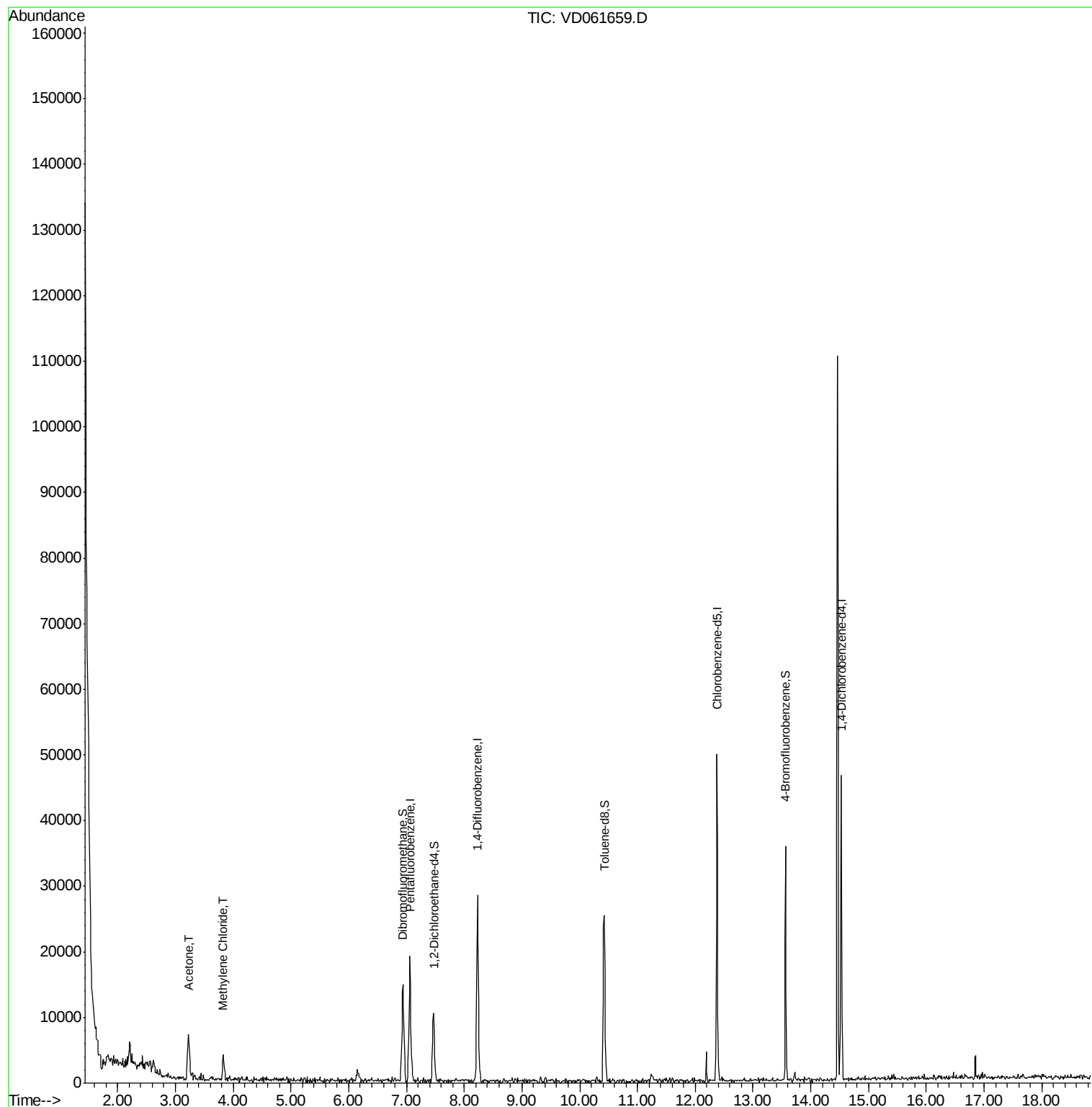
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	21485	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	35404	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	31803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	13176	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	10931	67.12	ug/l	0.02
Spiked Amount 50.000			Recovery	=	134.24%	
35) Dibromofluoromethane	6.94	113	13345	54.41	ug/l	0.02
Spiked Amount 50.000			Recovery	=	108.82%	
50) Toluene-d8	10.42	98	24436	39.65	ug/l	0.02
Spiked Amount 50.000			Recovery	=	79.30%	
62) 4-Bromofluorobenzene	13.56	95	10769	49.64	ug/l	0.01
Spiked Amount 50.000			Recovery	=	99.28%	
Target Compounds						
16) Acetone	3.23	43	14177	291.212	ug/l	91
20) Methylene Chloride	3.83	84	2768	10.020	ug/l #	80

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD061659.D

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MSVOA_D

ClientSampleId :

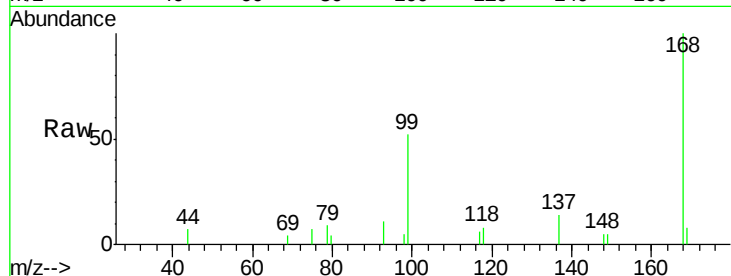
HA-040519

Tot Ion:168 Resp: 21485

Ion Ratio Lower Upper

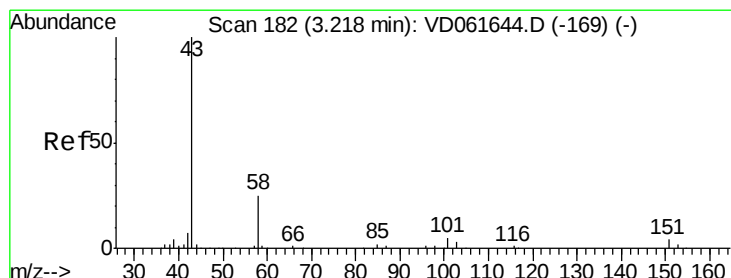
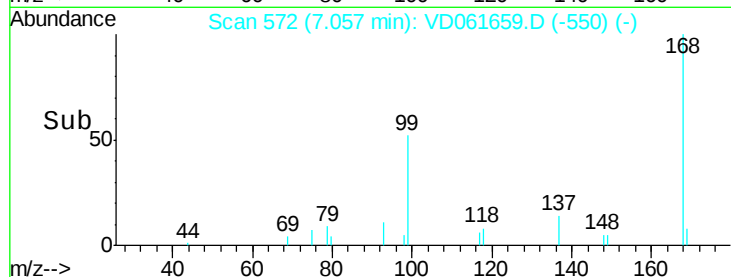
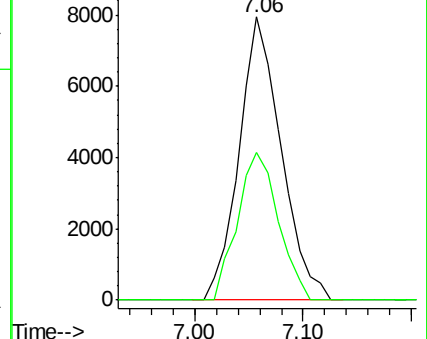
168 100

99 52.2 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 291.212 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD061659.D

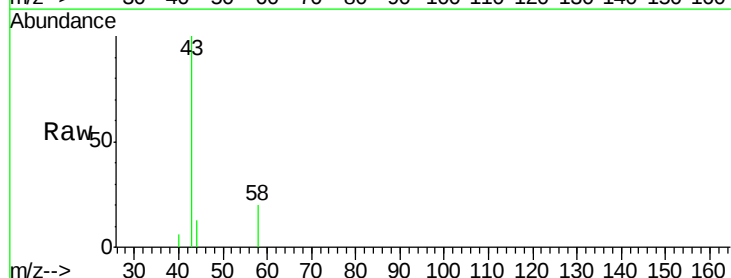
Acq: 8 Apr 2019 19:15

Tgt Ion: 43 Resp: 14177

Ion Ratio Lower Upper

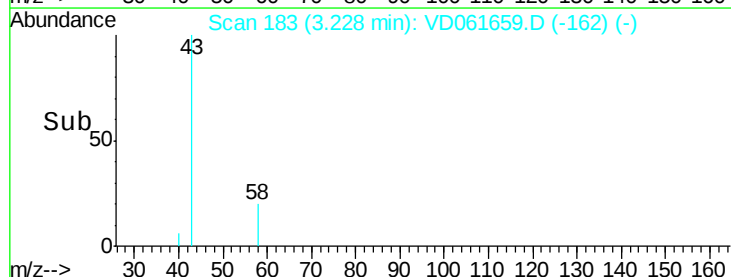
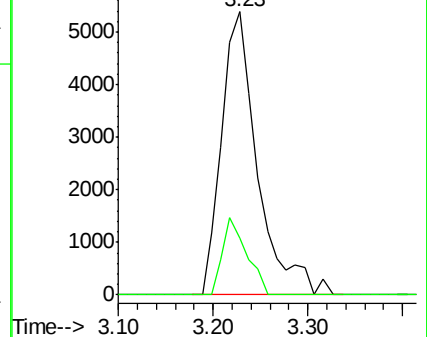
43 100

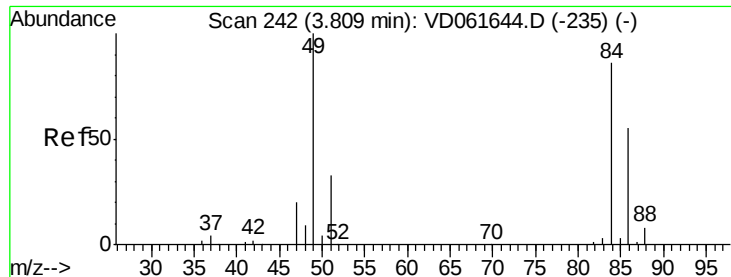
58 19.9 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

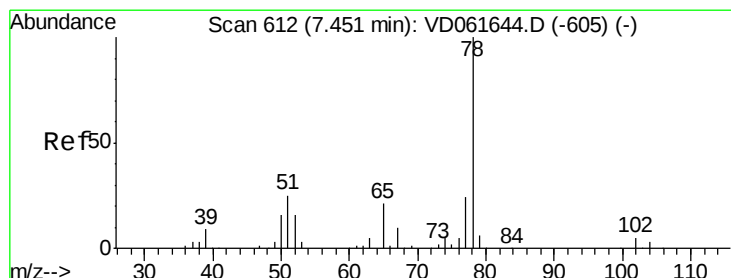
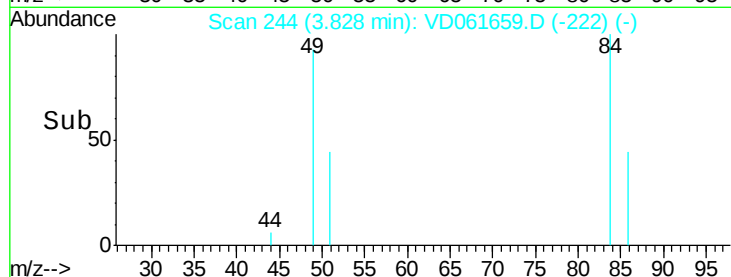
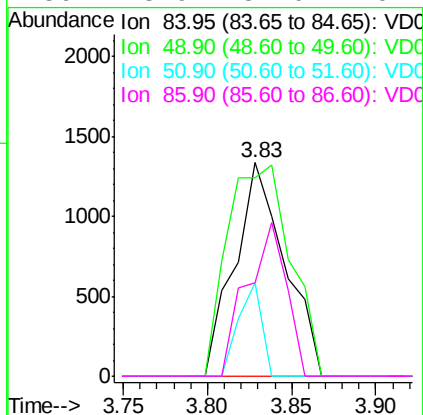
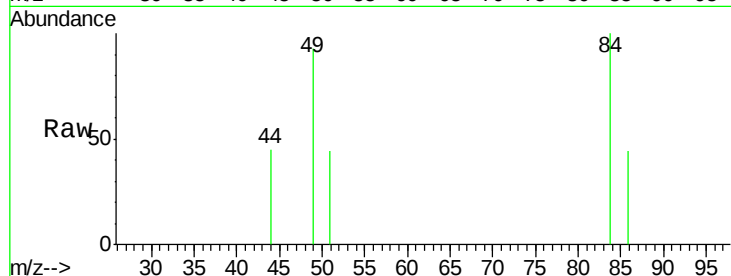




#20
Methvlene Chloride
Concen: 10.020 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD061659.D
Acq: 8 Apr 2019 19:15

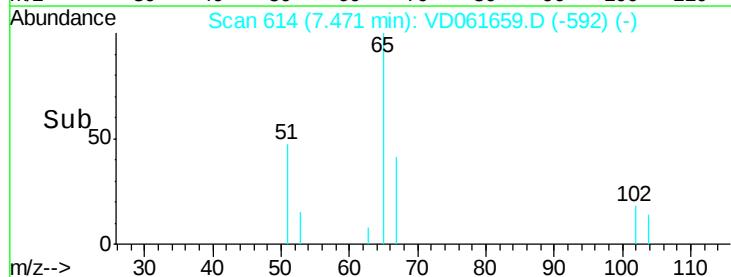
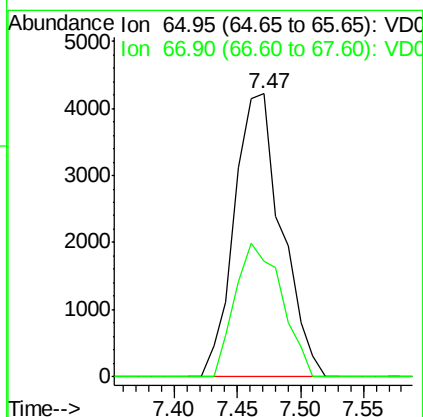
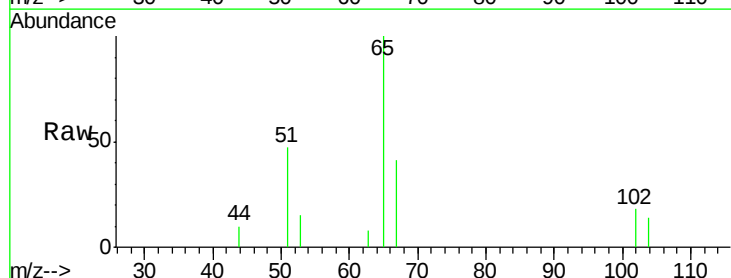
Instrument :
MSVOA_D
ClientSampleId :
HA-040519

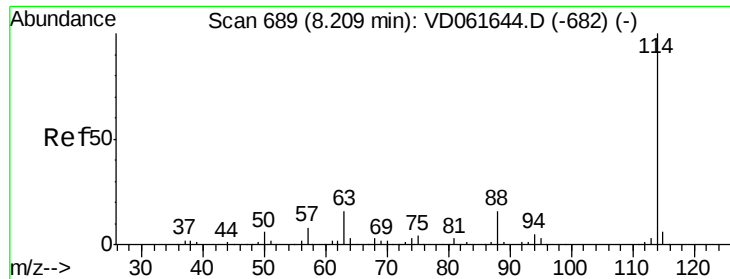
Tot Ion: 84 Resp: 2768
Ion Ratio Lower Upper
84 100
49 93.1 93.0 139.4
51 44.0 30.4 45.6
86 43.9 51.0 76.4#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.02 min
Lab File: VD061659.D
Acq: 8 Apr 2019 19:15

Tgt Ion: 65 Resp: 10931
Ion Ratio Lower Upper
65 100
67 40.9 0.0 99.4

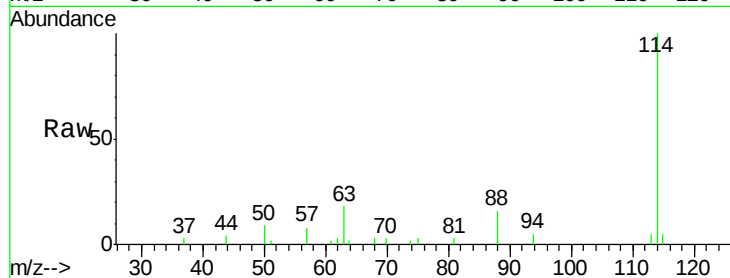




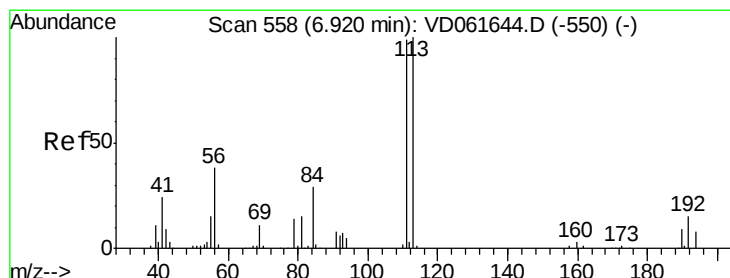
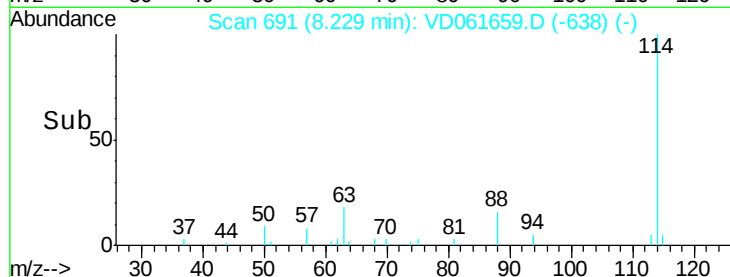
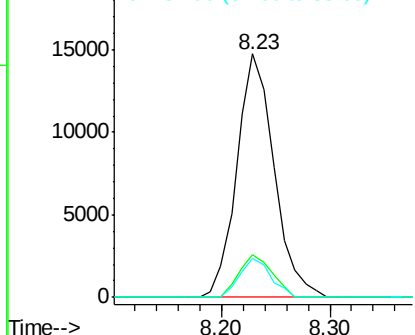
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD061659.D
 Acq: 8 Apr 2019 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 HA-040519

Tot Ion:114 Resp: 35404
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 31.2
 88 15.7 0.0 31.8

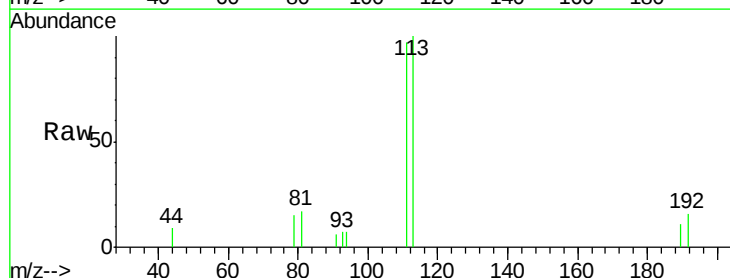


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

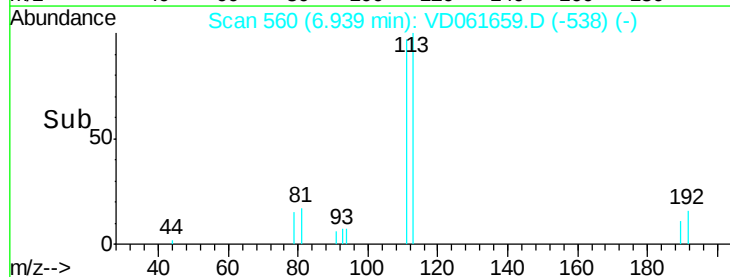
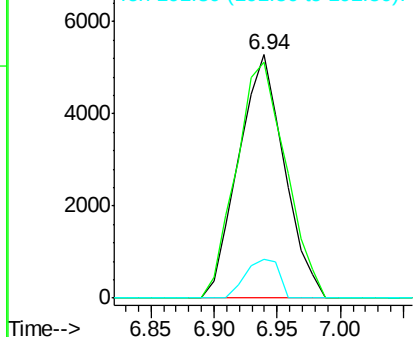


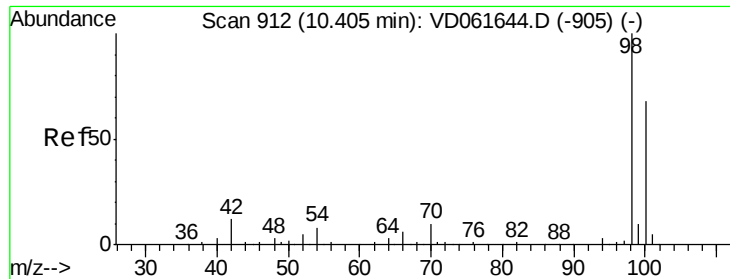
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.02 min
 Lab File: VD061659.D
 Acq: 8 Apr 2019 19:15

Tgt Ion:113 Resp: 13345
 Ion Ratio Lower Upper
 113 100
 111 97.2 79.3 118.9
 192 16.1 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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD061659.D

Acq: 8 Apr 2019 19:15

Instrument :

MSVOA_D

ClientSampleId :

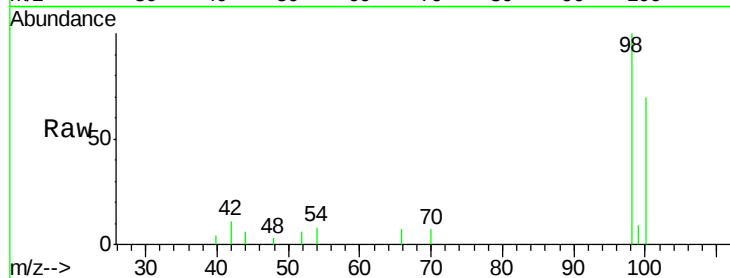
HA-040519

Tot Ion: 98 Resp: 24436

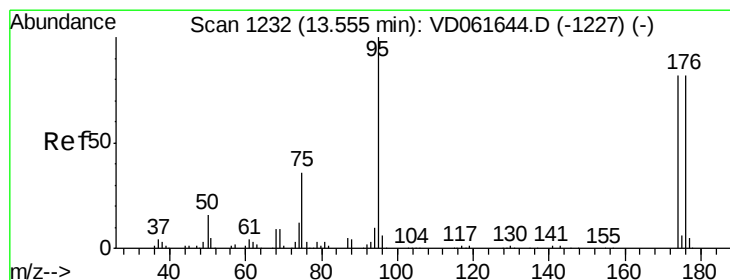
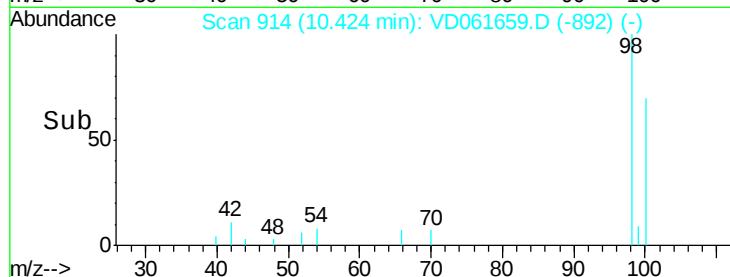
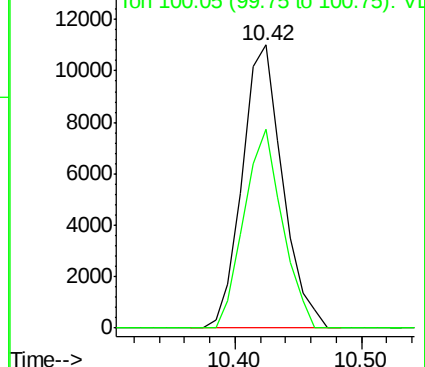
Ion Ratio Lower Upper

98 100

100 70.1 55.4 83.0



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



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061659.D

Acq: 8 Apr 2019 19:15

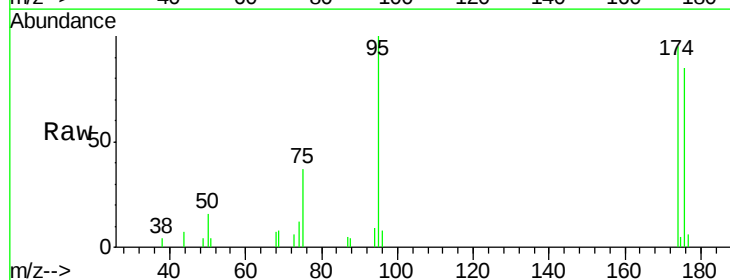
Tgt Ion: 95 Resp: 10769

Ion Ratio Lower Upper

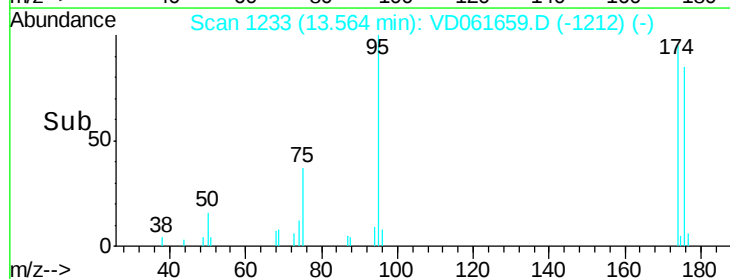
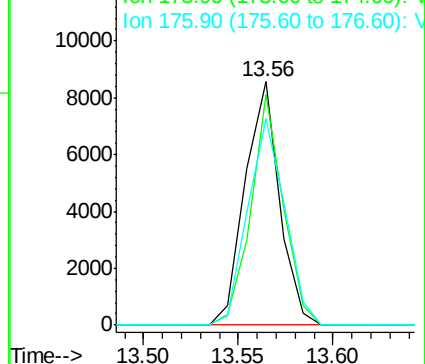
95 100

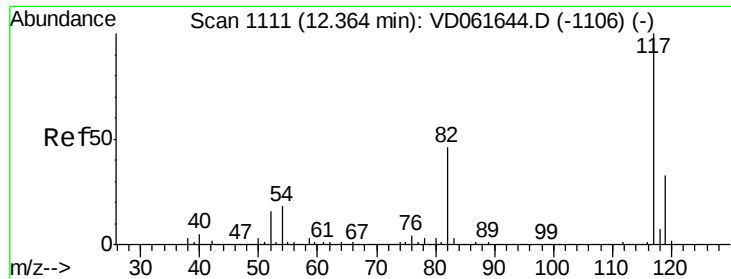
174 94.6 0.0 164.6

176 84.6 0.0 165.0



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

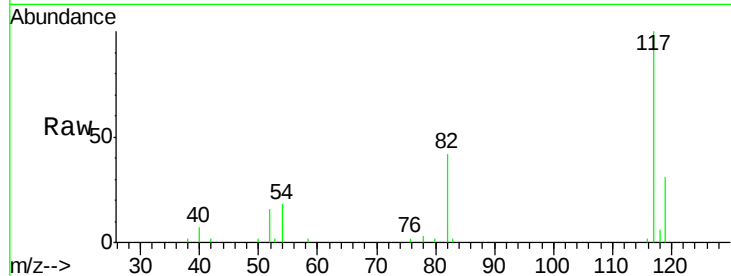




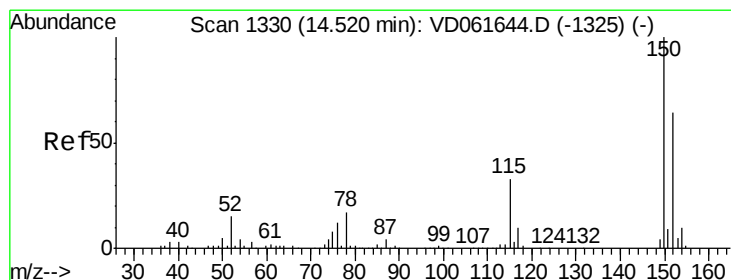
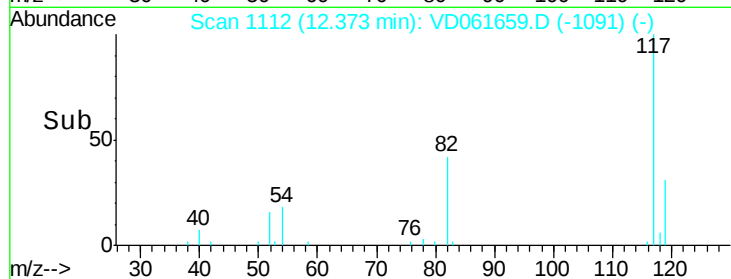
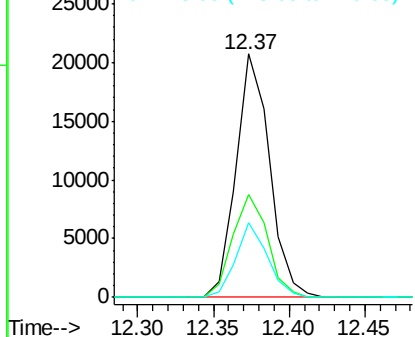
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061659.D
Acq: 8 Apr 2019 19:15

Instrument :
MSVOA_D
ClientSampleId :
HA-040519

Tot Ion:117 Resp: 31803
Ion Ratio Lower Upper
117 100
82 42.2 36.8 55.2
119 30.7 26.1 39.1

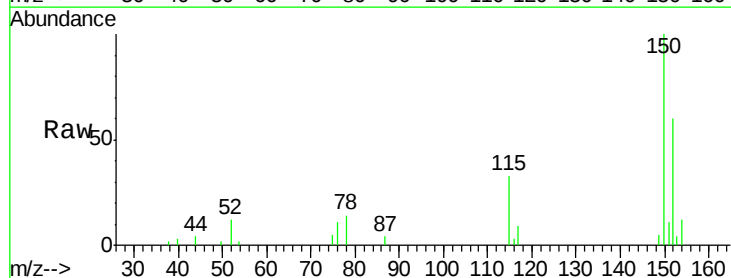


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061659.D
Acq: 8 Apr 2019 19:15

Tgt Ion:152 Resp: 13176
Ion Ratio Lower Upper
152 100
115 54.9 26.4 79.2
150 167.3 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

