

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041019\
 Data File : VD061709.D
 Acq On : 10 Apr 2019 13:15
 Operator : VA/AP
 Sample : VD0410SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0410SBL01

Quant Time: Apr 11 01:27:56 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

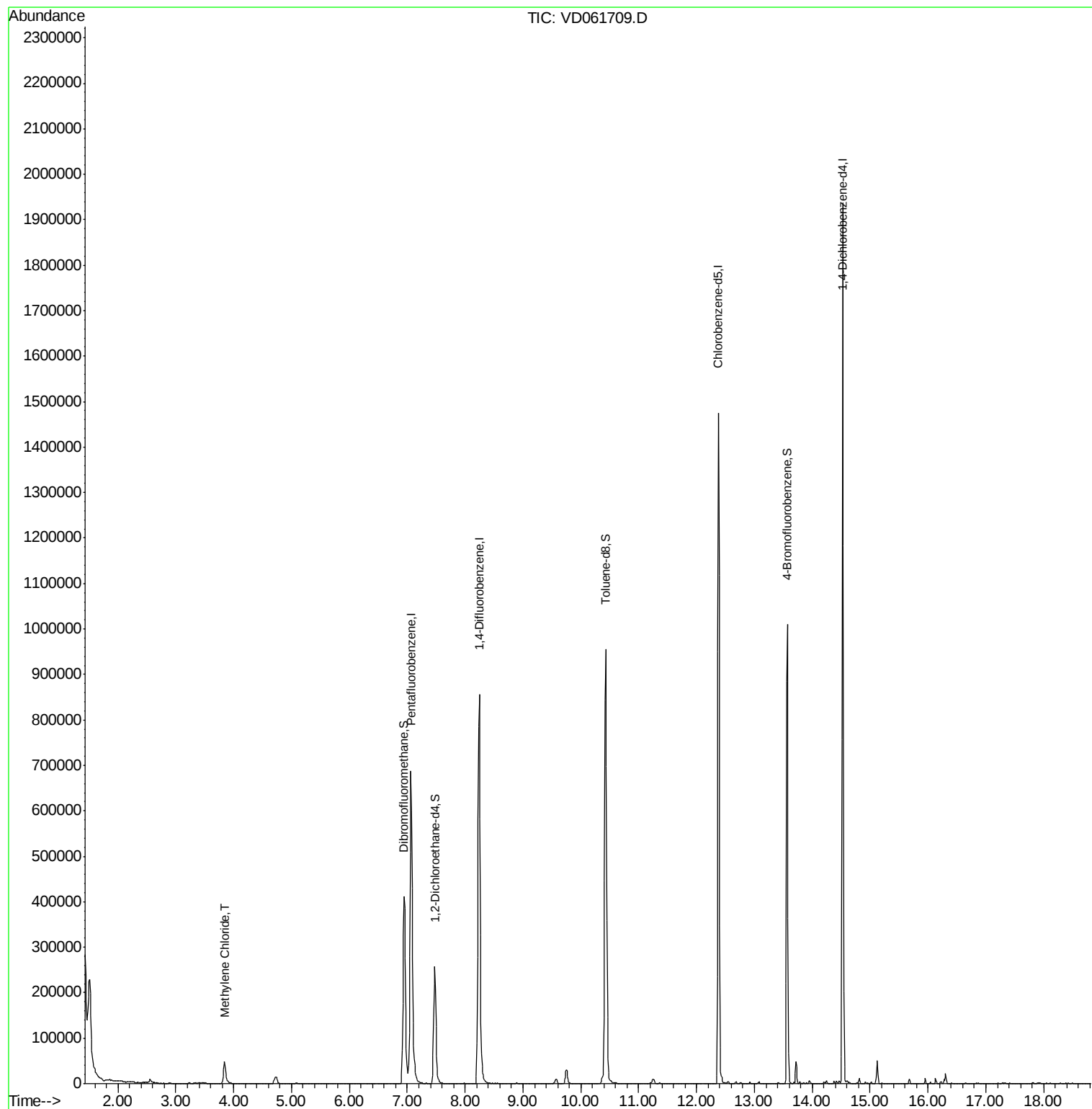
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	695127	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	1089129	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	936483	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	447359	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	253816	48.17	ug/l	0.03
Spiked Amount 50.000			Recovery	=	96.34%	
35) Dibromofluoromethane	6.94	113	394666	52.31	ug/l	0.03
Spiked Amount 50.000			Recovery	=	104.62%	
50) Toluene-d8	10.43	98	853304	45.01	ug/l	0.03
Spiked Amount 50.000			Recovery	=	90.02%	
62) 4-Bromofluorobenzene	13.57	95	335518	50.44	ug/l	0.02
Spiked Amount 50.000			Recovery	=	100.88%	
Target Compounds						
20) Methylene Chloride	3.84	84	38179	4.272	ug/l	Qvalue 96

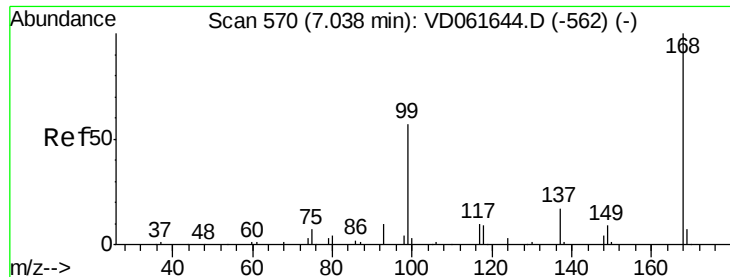
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.03 min

Lab File: VD061709.D

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MSVOA_D

ClientSampleId :

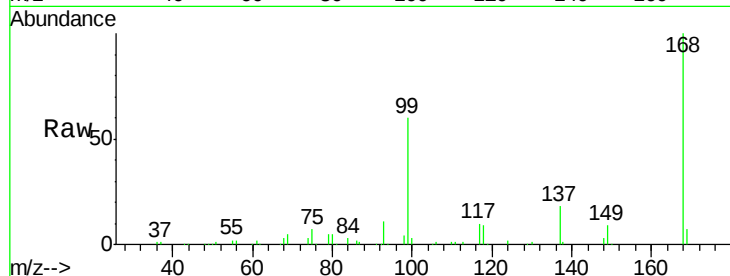
VD0410SBL01

Tgt Ion:168 Resp: 695127

Ion Ratio Lower Upper

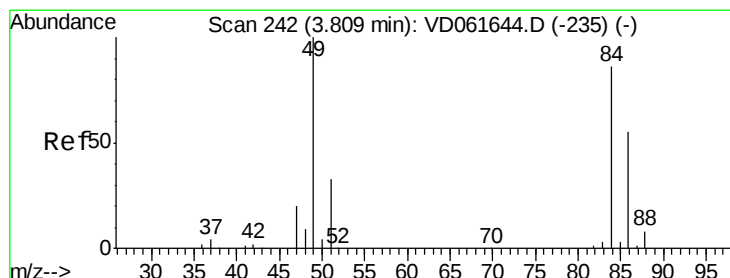
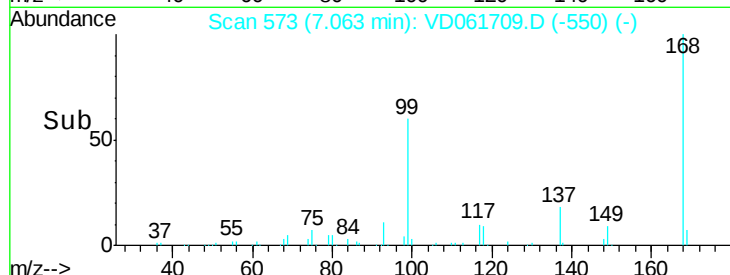
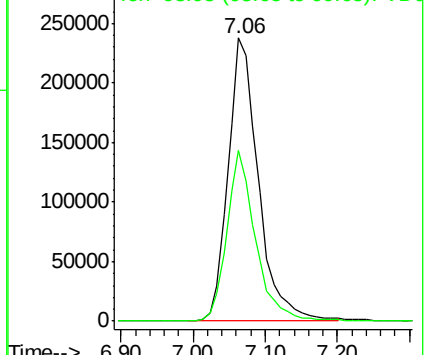
168 100

99 60.3 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 4.272 ug/l

RT: 3.84 min Scan# 246

Delta R.T. 0.04 min

Lab File: VD061709.D

Acq: 10 Apr 2019 13:15

Tgt Ion: 84 Resp: 38179

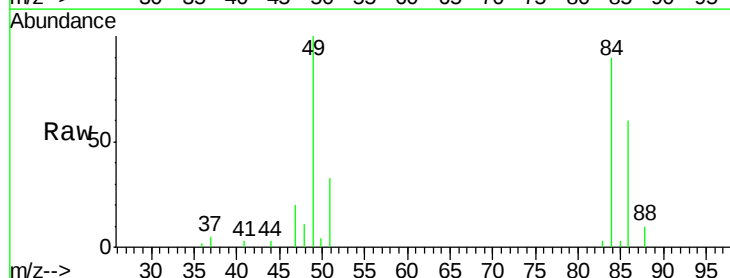
Ion Ratio Lower Upper

84 100

49 111.5 93.0 139.4

51 37.1 30.4 45.6

86 66.4 51.0 76.4

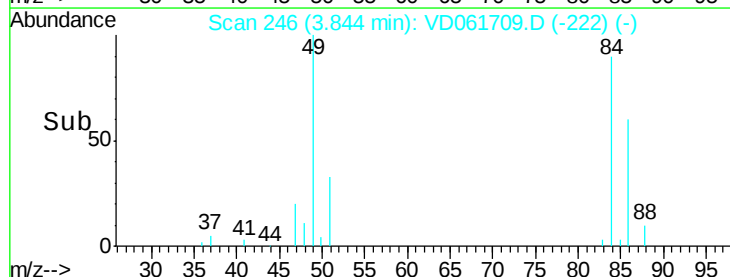
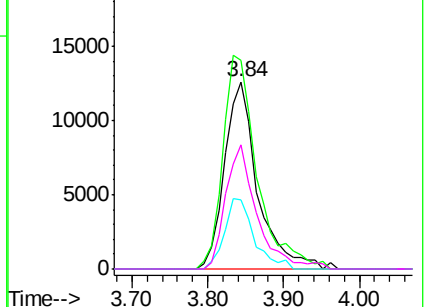


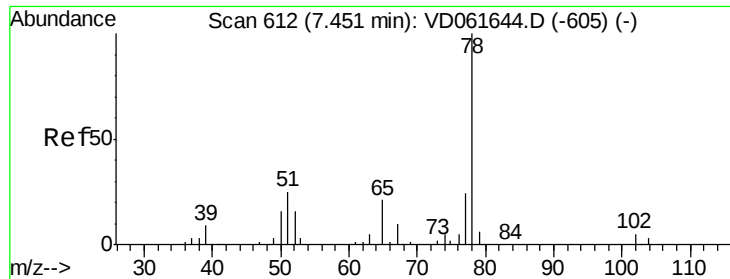
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

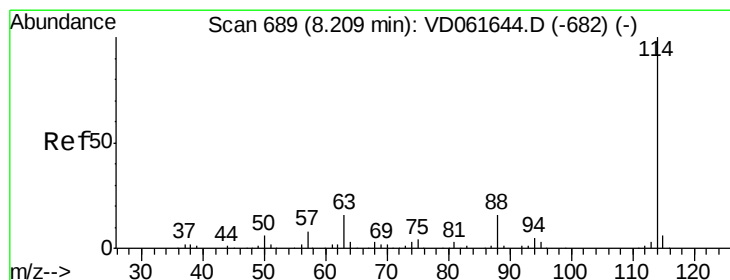
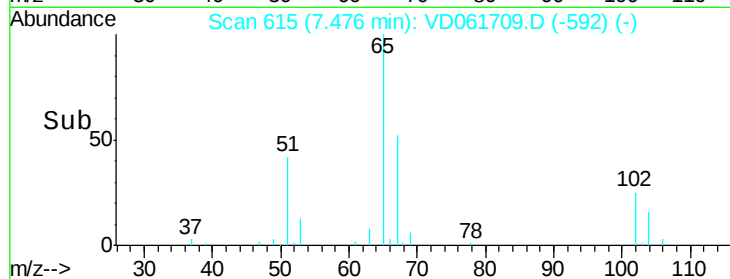
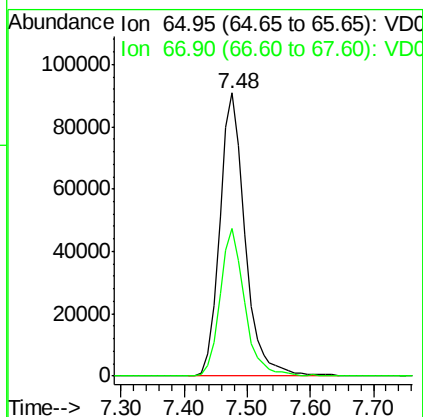
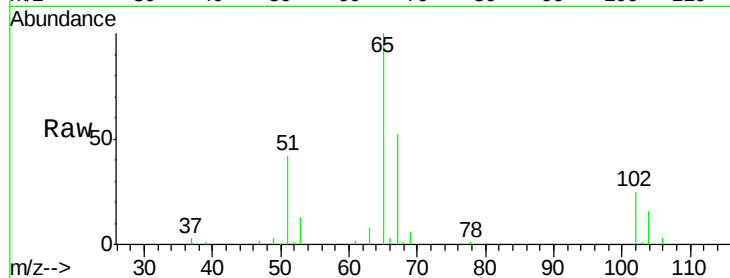




#33
 1,2-Dichloroethane-d4
 Concen: 48.171 ug/l
 RT: 7.48 min Scan# 615
 Delta R.T. 0.03 min
 Lab File: VD061709.D
 Acq: 10 Apr 2019 13:15

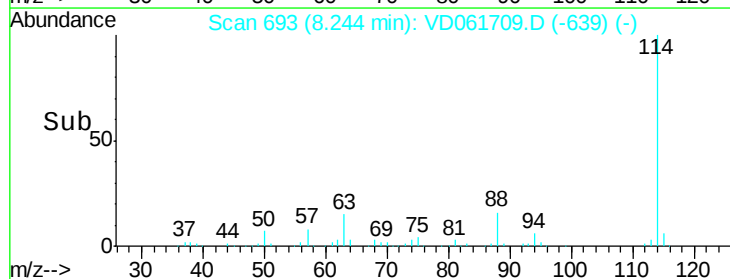
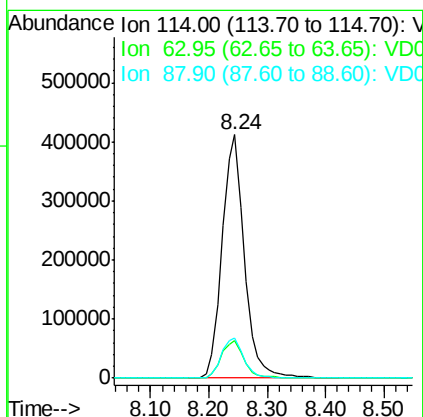
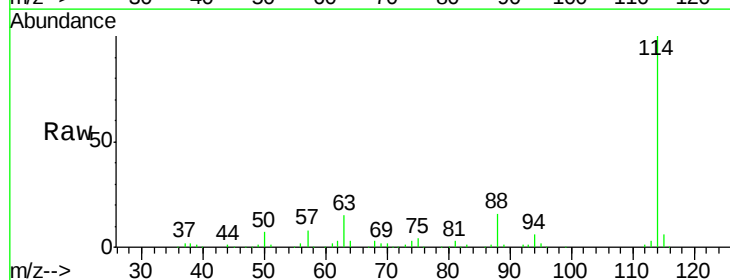
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0410SBL01

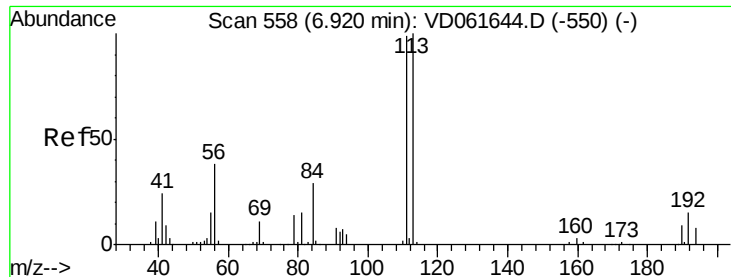
Tgt Ion: 65 Resp: 253816
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.03 min
 Lab File: VD061709.D
 Acq: 10 Apr 2019 13:15

Tgt Ion: 114 Resp: 1089129
 Ion Ratio Lower Upper
 114 100
 63 15.2 0.0 31.2
 88 16.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.307 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.03 min

Lab File: VD061709.D

Acq: 10 Apr 2019 13:15

Instrument :

MSVOA_D

ClientSampleId :

VD0410SBL01

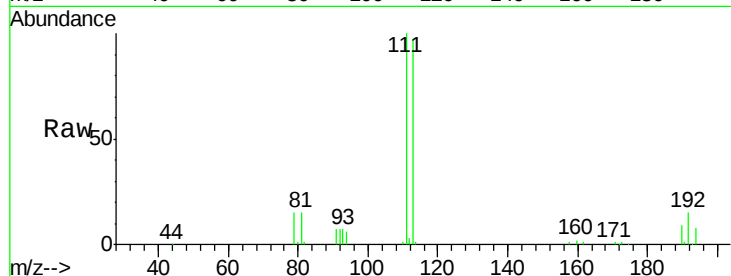
Tgt Ion:113 Resp: 394666

Ion Ratio Lower Upper

113 100

111 103.1 79.3 118.9

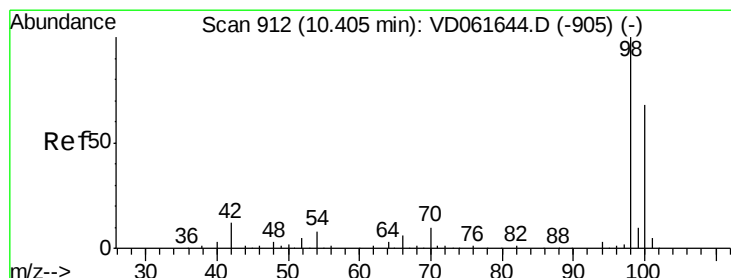
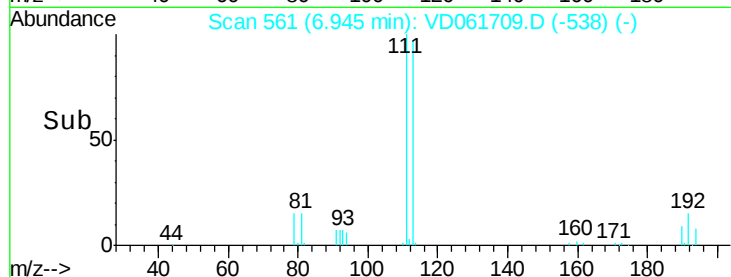
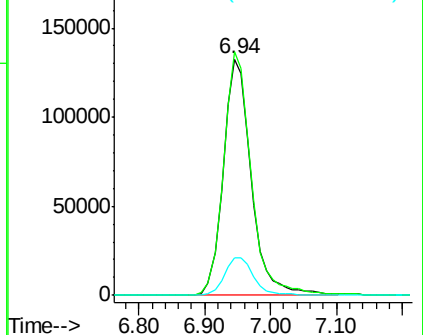
192 16.0 12.3 18.5



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: 45.013 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD061709.D

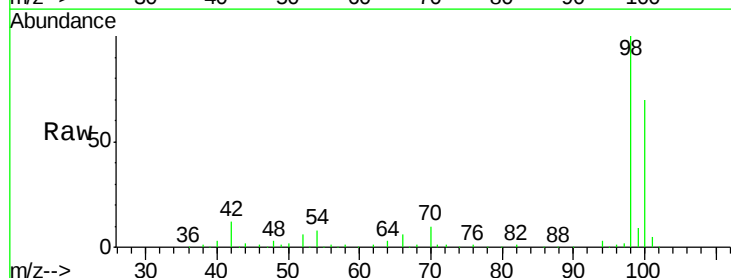
Acq: 10 Apr 2019 13:15

Tgt Ion: 98 Resp: 853304

Ion Ratio Lower Upper

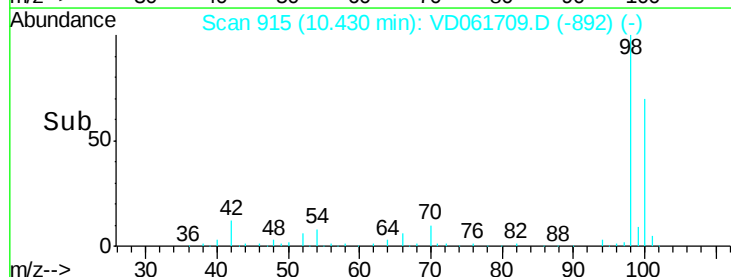
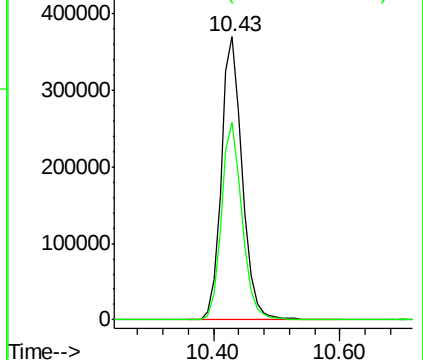
98 100

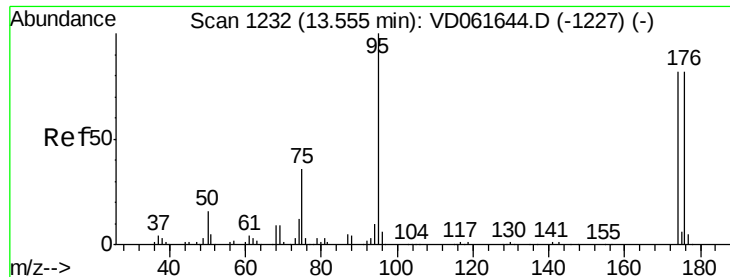
100 69.7 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

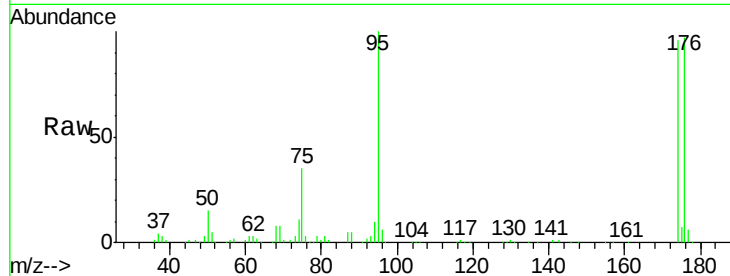




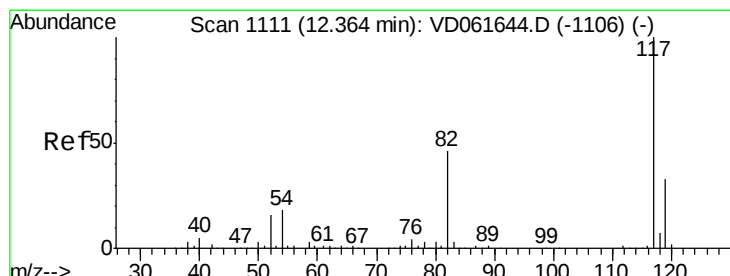
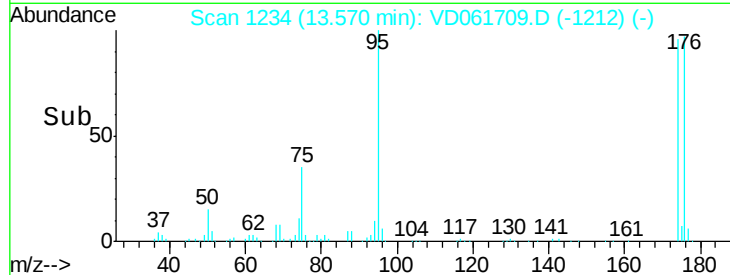
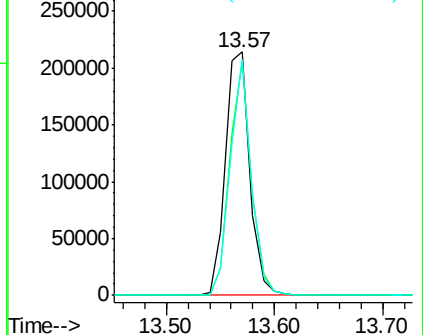
#62
 4-Bromofluorobenzene
 Concen: 50.444 ug/l
 RT: 13.57 min Scan# 1234
 Delta R.T. 0.02 min
 Lab File: VD061709.D
 Acq: 10 Apr 2019 13:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0410SBL01

Tgt Ion: 95 Resp: 335518
 Ion Ratio Lower Upper
 95 100
 174 96.4 0.0 164.6
 176 96.7 0.0 165.0

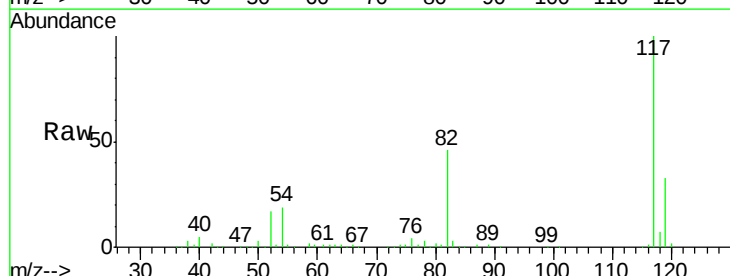


Abundance Ion 95.00 (94.70 to 95.70): VD061644.D (-1227) (-)
 Ion 173.90 (173.60 to 174.60): VD061644.D (-1227) (-)
 Ion 175.90 (175.60 to 176.60): VD061644.D (-1227) (-)

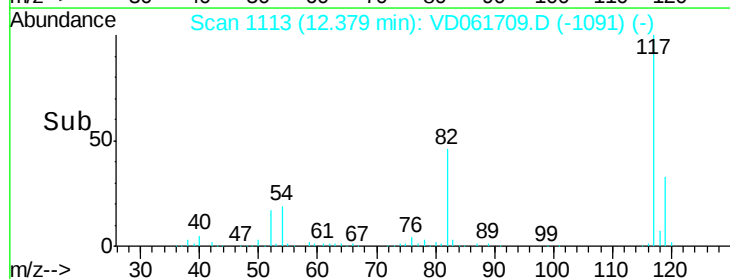
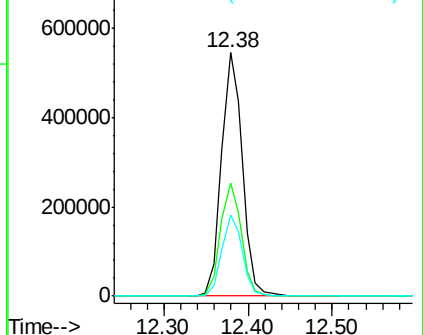


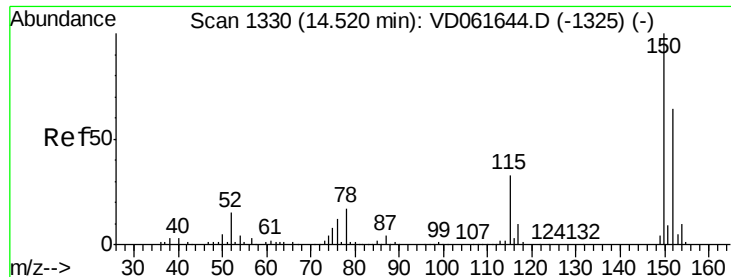
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.38 min Scan# 1113
 Delta R.T. 0.02 min
 Lab File: VD061709.D
 Acq: 10 Apr 2019 13:15

Tgt Ion: 117 Resp: 936483
 Ion Ratio Lower Upper
 117 100
 82 46.4 36.8 55.2
 119 33.3 26.1 39.1



Abundance Ion 116.95 (116.65 to 117.65): VD061644.D (-1106) (-)
 Ion 82.05 (81.75 to 82.75): VD061644.D (-1106) (-)
 Ion 118.95 (118.65 to 119.65): VD061644.D (-1106) (-)

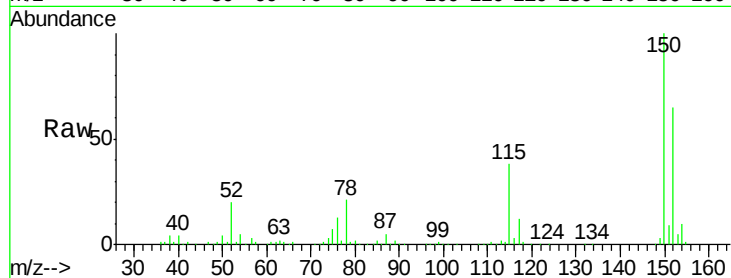




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD061709.D
 Acq: 10 Apr 2019 13:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0410SBL01

Tgt Ion:152 Resp: 447359
 Ion Ratio Lower Upper
 152 100
 115 58.7 26.4 79.2
 150 154.1 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

