

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032919\
 Data File : VD061433.D
 Acq On : 29 Mar 2019 16:51
 Operator : VA/AP
 Sample : K2153-25
 Misc : 5.25g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2

Quant Time: Mar 29 23:49:29 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

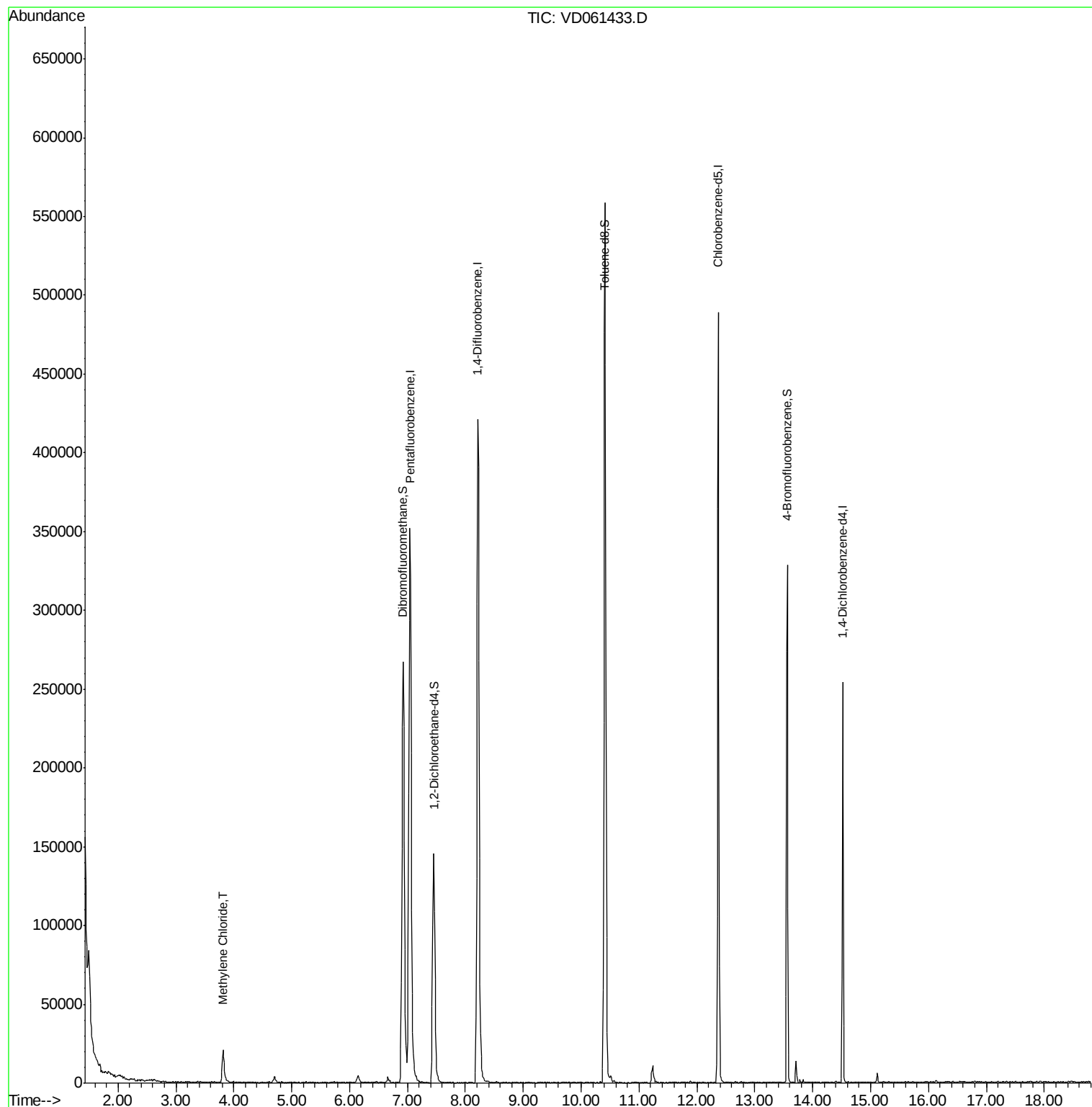
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	362177	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.21	114	530037	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	295618	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	61095	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	151815	49.07	ug/l	0.02
Spiked Amount 50.000			Recovery	=	98.14%	
35) Dibromofluoromethane	6.92	113	255434	63.06	ug/l	0.02
Spiked Amount 50.000			Recovery	=	126.12%	
50) Toluene-d8	10.41	98	502803	51.76	ug/l	0.02
Spiked Amount 50.000			Recovery	=	103.52%	
62) 4-Bromofluorobenzene	13.56	95	107579	28.88	ug/l	0.01
Spiked Amount 50.000			Recovery	=	57.76%	
Target Compounds						
20) Methylene Chloride	3.81	84	14146	1.305	ug/l	Qvalue 95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD061433.D

Acq: 29 Mar 2019 16:51

Instrument :

MSVOA_D

ClientSampled :

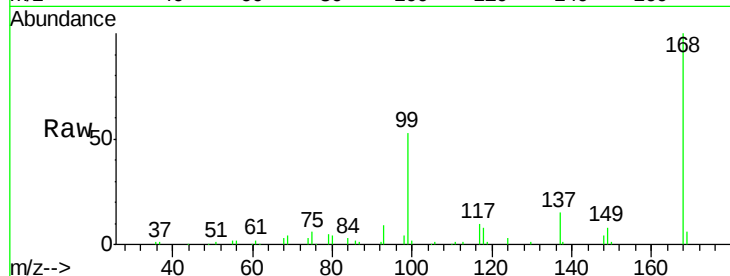
SP-2

Tot Ion:168 Resp: 362177

Ion Ratio Lower Upper

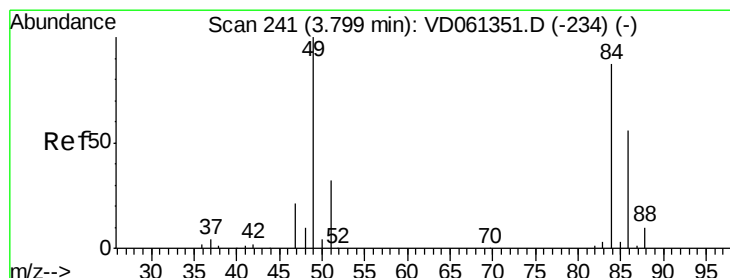
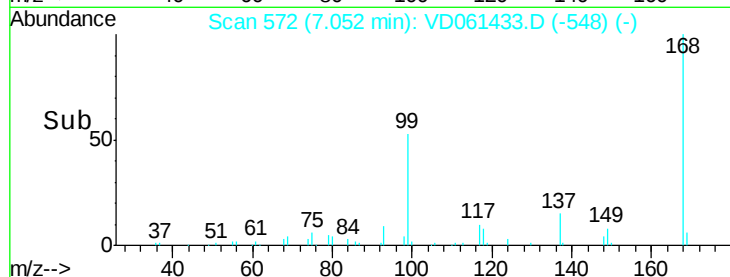
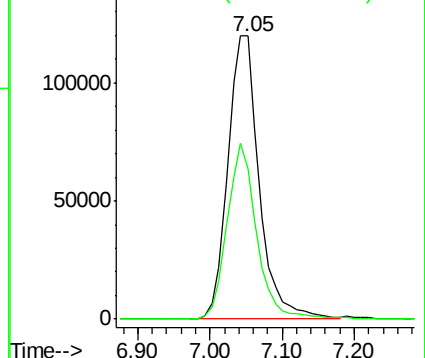
168 100

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



#20

Methylene Chloride

Concen: 1.305 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD061433.D

Acq: 29 Mar 2019 16:51

Tgt Ion: 84 Resp: 14146

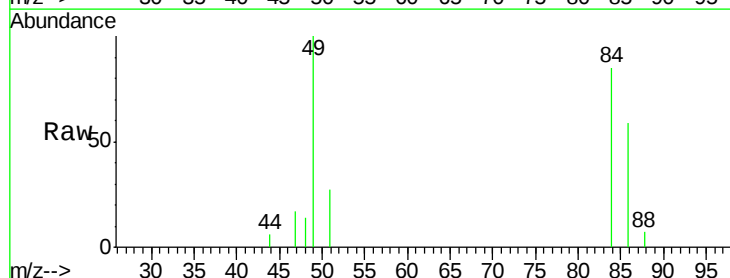
Ion Ratio Lower Upper

84 100

49 117.3 91.8 137.8

51 31.3 29.8 44.8

86 69.7 51.8 77.6

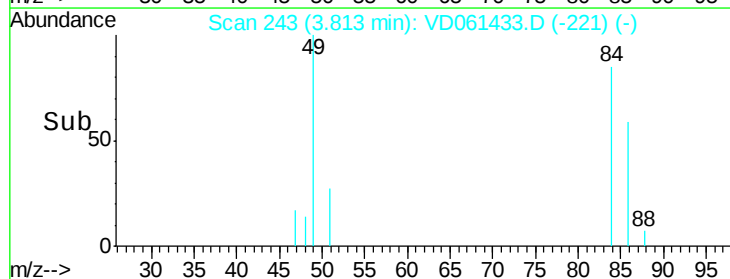
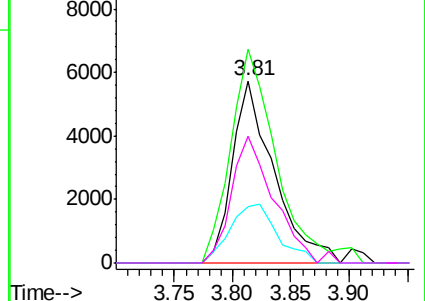


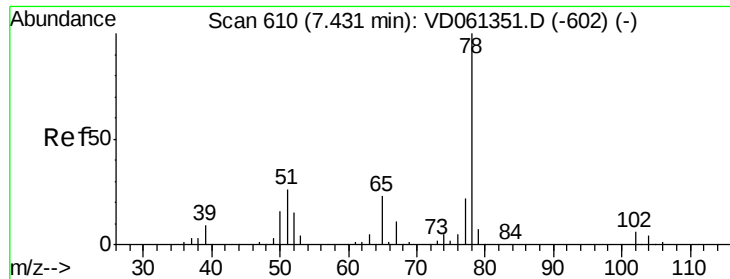
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

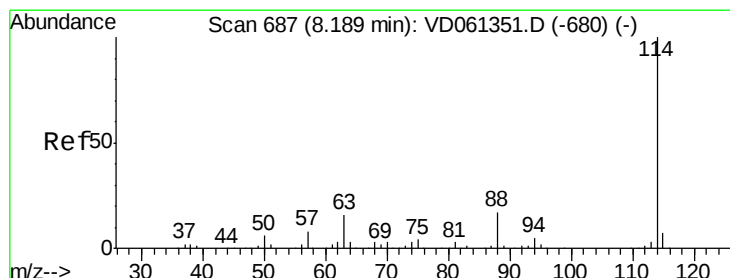
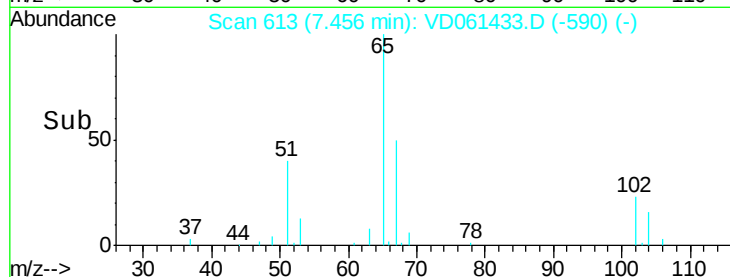
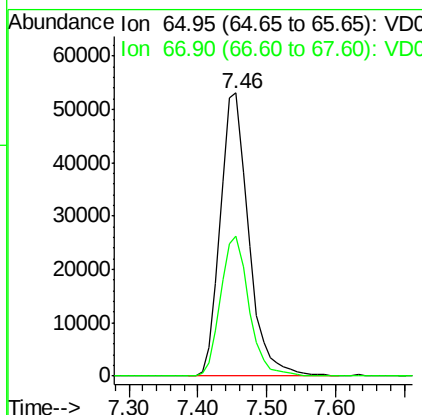
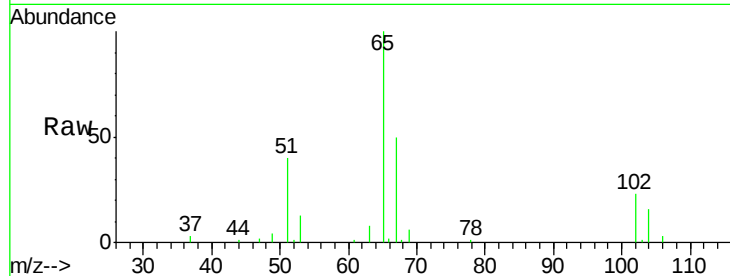




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.02 min
 Lab File: VD061433.D
 Acq: 29 Mar 2019 16:51

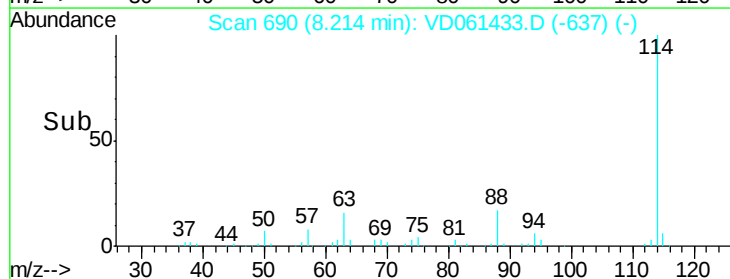
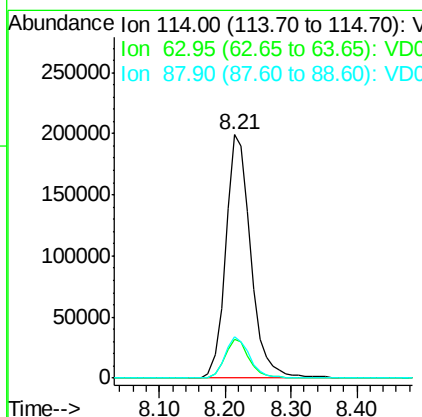
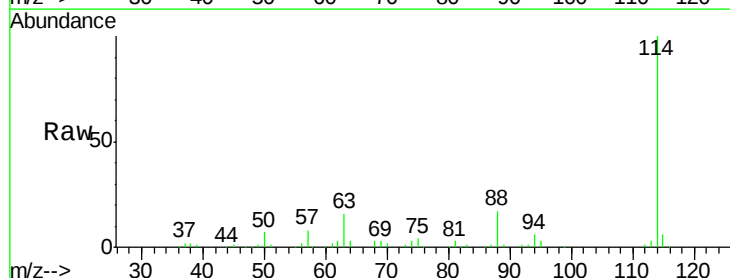
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2

Tot Ion: 65 Resp: 151815
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.02 min
 Lab File: VD061433.D
 Acq: 29 Mar 2019 16:51

Tgt Ion: 114 Resp: 530037
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 31.6
 88 17.0 0.0 33.4

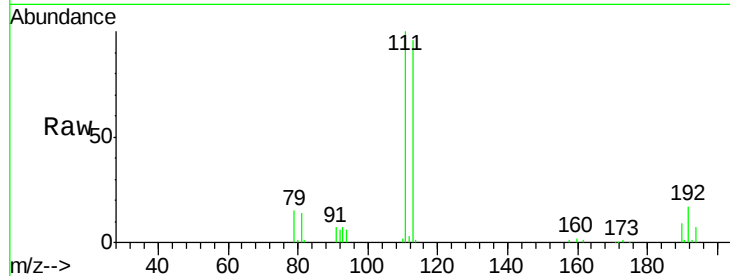




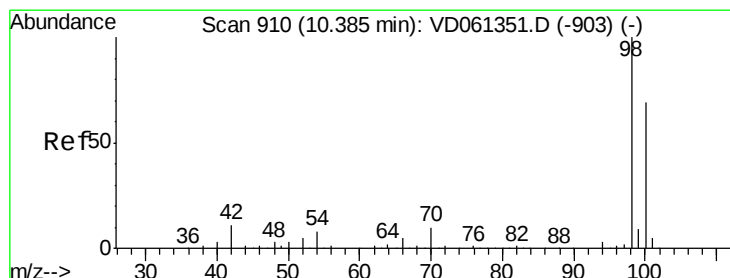
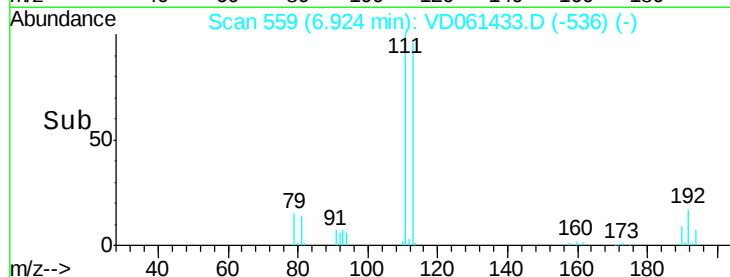
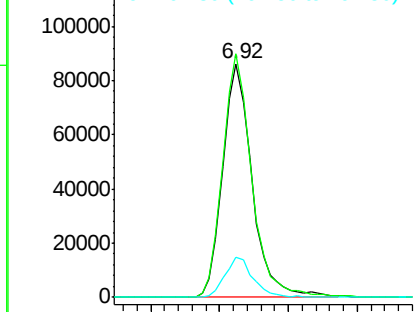
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: VD061433.D
 Acq: 29 Mar 2019 16:51

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2

Tot Ion:113 Resp: 255434
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.0 121.6
 192 17.3 14.4 21.6

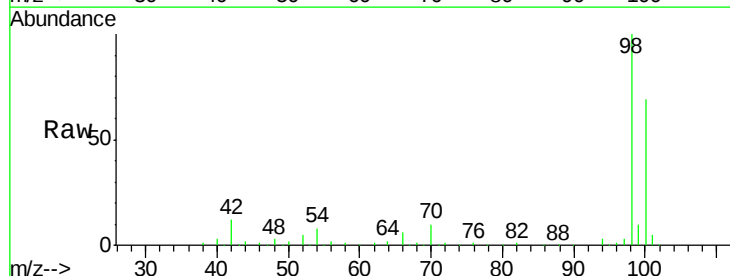


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

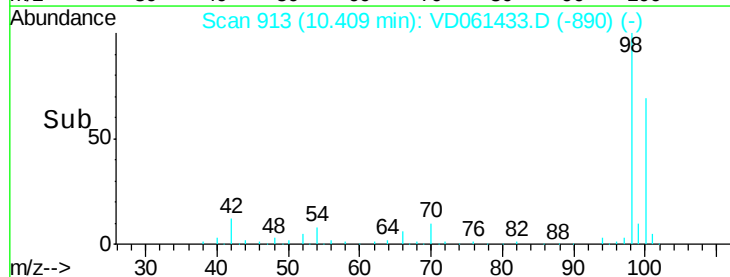
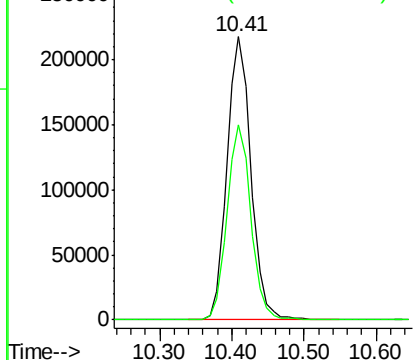


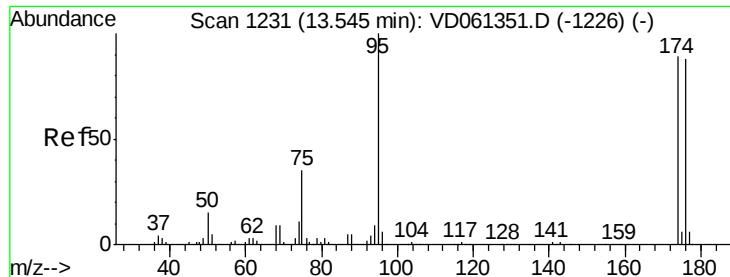
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. 0.02 min
 Lab File: VD061433.D
 Acq: 29 Mar 2019 16:51

Tgt Ion: 98 Resp: 502803
 Ion Ratio Lower Upper
 98 100
 100 68.8 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VDC

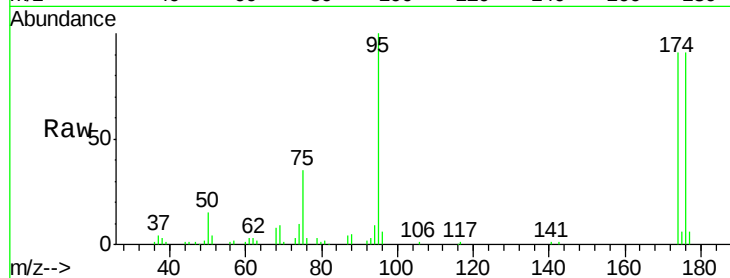




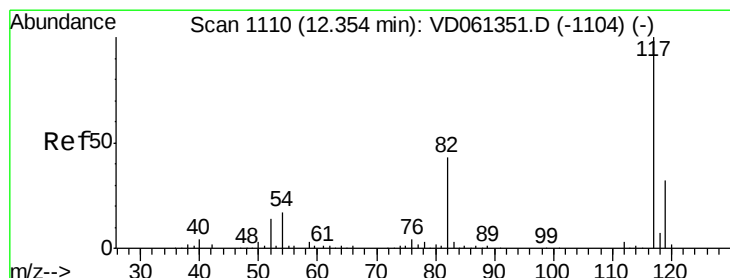
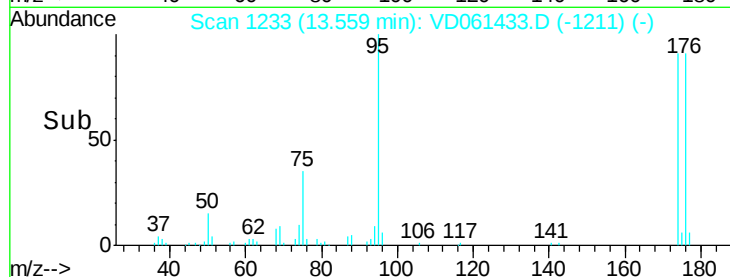
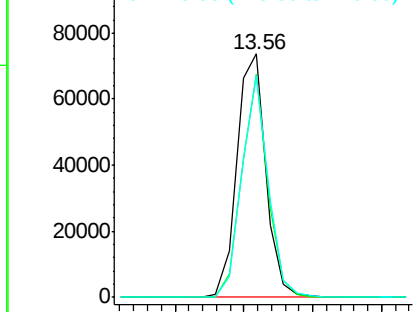
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061433.D
Acq: 29 Mar 2019 16:51

Instrument :
MSVOA_D
ClientSampleId :
SP-2

Tot Ion: 95 Resp: 107579
Ion Ratio Lower Upper
95 100
174 91.5 0.0 178.0
176 91.2 0.0 175.0

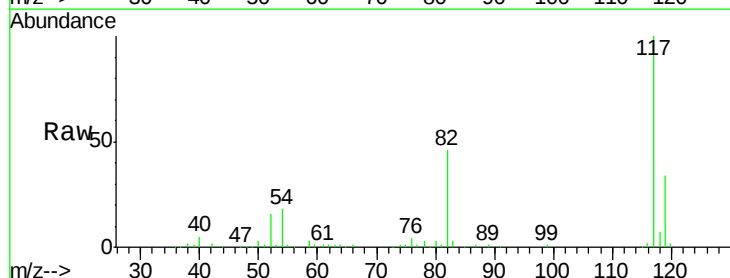


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

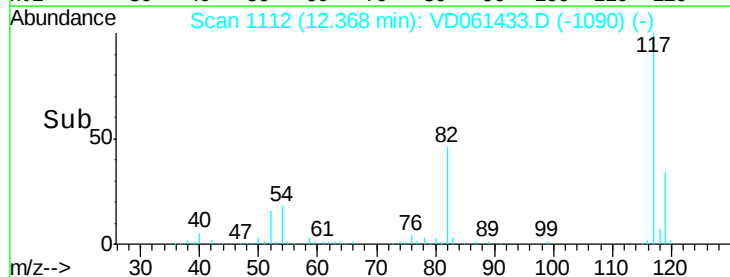
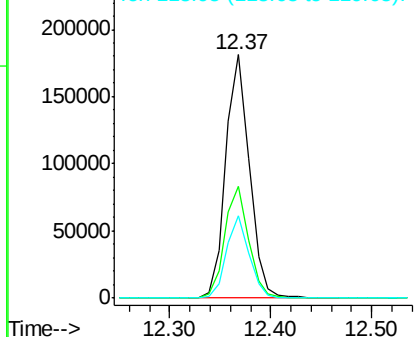


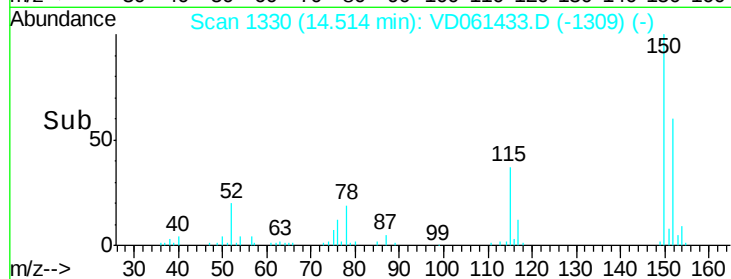
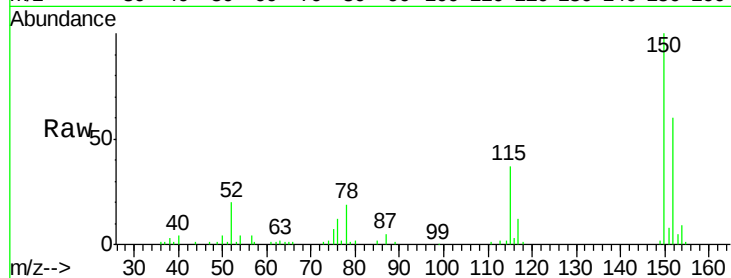
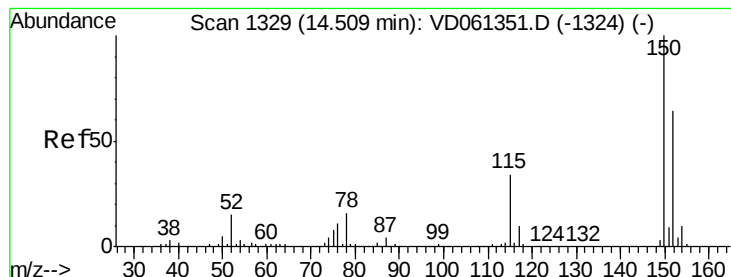
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061433.D
Acq: 29 Mar 2019 16:51

Tgt Ion: 117 Resp: 295618
Ion Ratio Lower Upper
117 100
82 45.8 34.4 51.6
119 33.7 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: VD061433.D

Acq: 29 Mar 2019 16:51

Instrument :

MSVOA_D

ClientSampleId :

SP-2

Tot Ion:152 Resp: 61095

Ion Ratio Lower Upper

152 100

115 62.1 26.9 80.6

150 165.7 0.0 318.0

