

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110819\
 Data File : VD064169.D
 Acq On : 08 Nov 2019 22:05
 Operator : VA/SY
 Sample : K5771-01
 Misc : 6.90G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP

Quant Time: Nov 09 02:50:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 08 16:20:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	675122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1062010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1031755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	526285	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	314510	56.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.28%	
35) Dibromofluoromethane	7.92	113	325235	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
50) Toluene-d8	10.34	98	1281366	55.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.44%	
62) 4-Bromofluorobenzene	12.64	95	483126	60.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.32%	

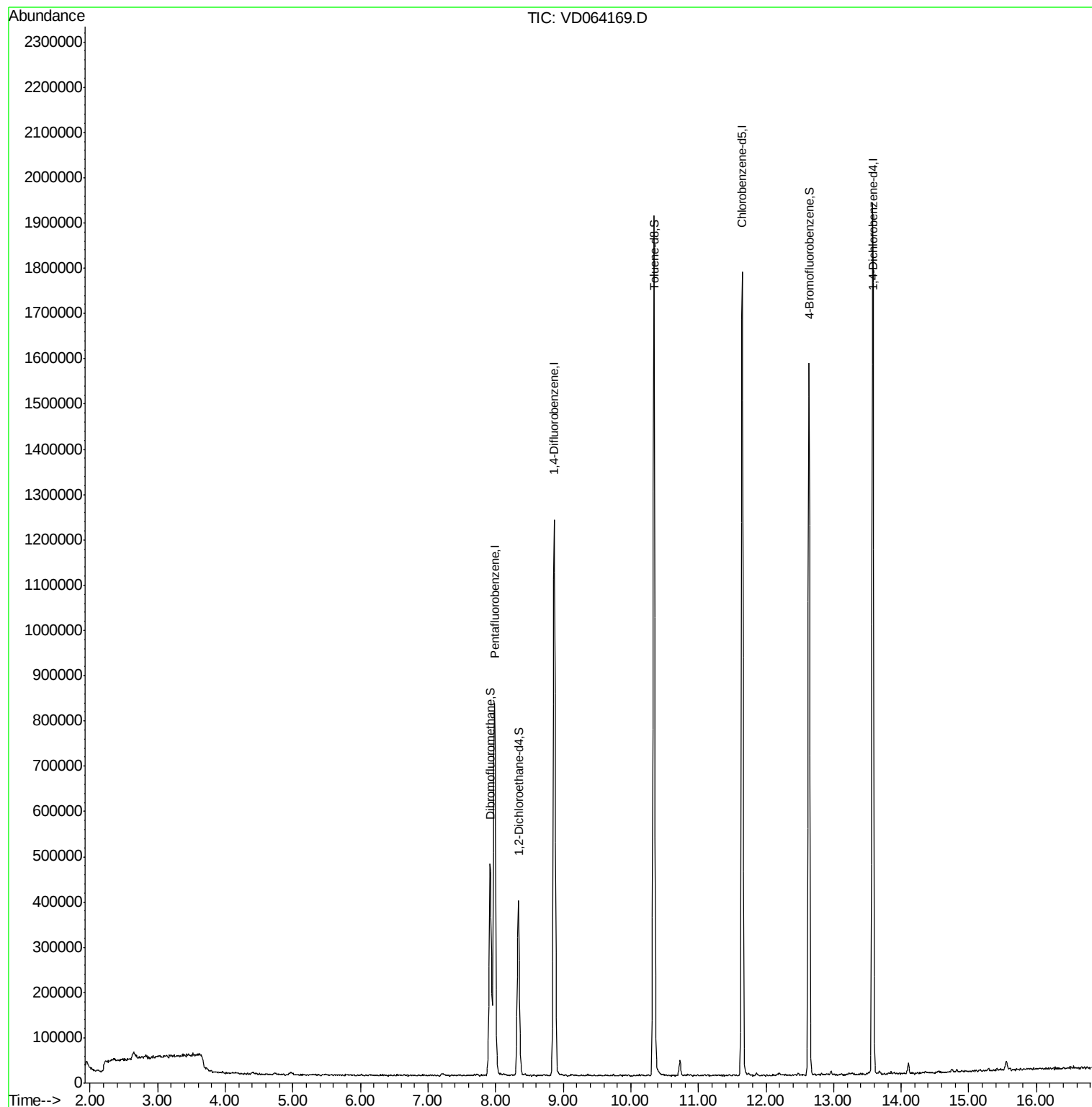
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064169.D

Acq: 08 Nov 2019 22:05

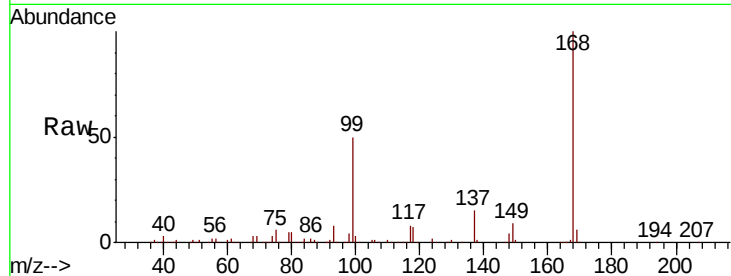
Instrument :
MSVOA_D
ClientSampleId :
SP

Tot Ion:168 Resp: 675122

Ion Ratio Lower Upper

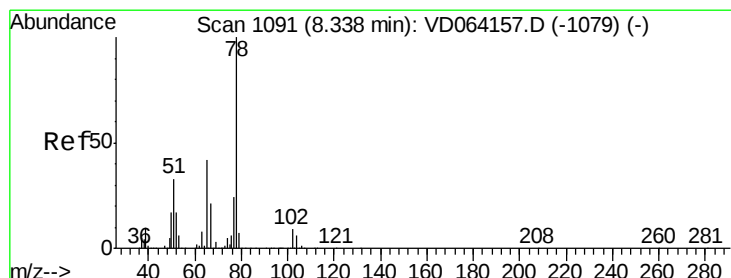
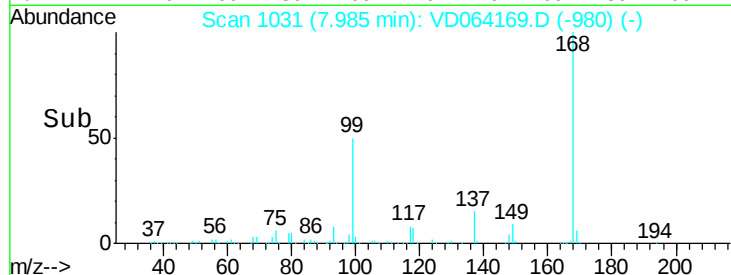
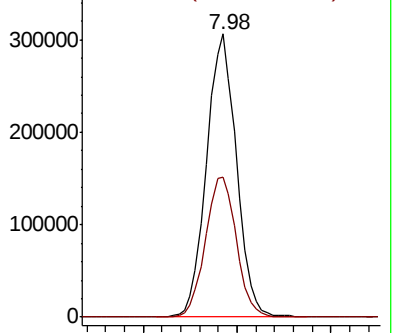
168 100

99 49.6 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 56.643 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064169.D

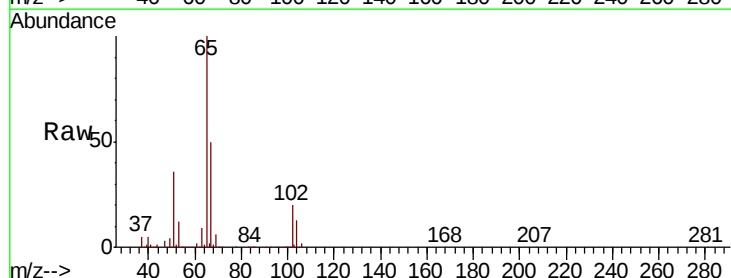
Acq: 08 Nov 2019 22:05

Tgt Ion: 65 Resp: 314510

Ion Ratio Lower Upper

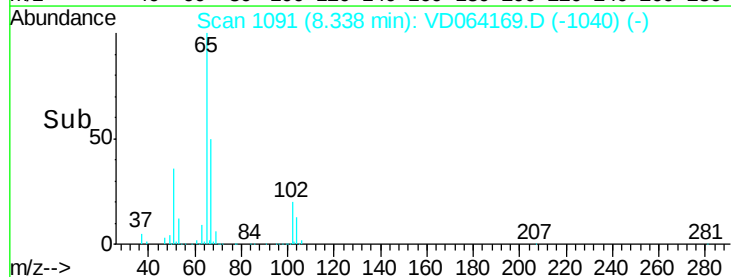
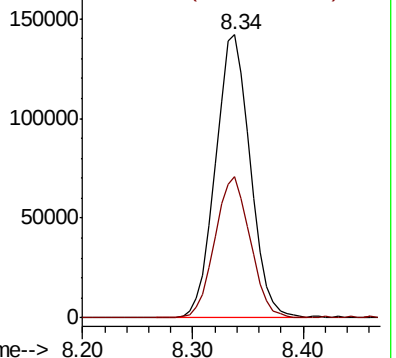
65 100

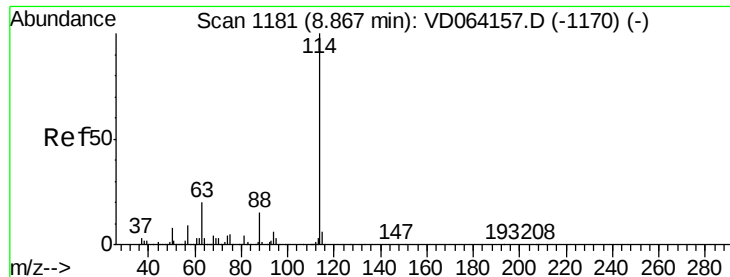
67 50.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

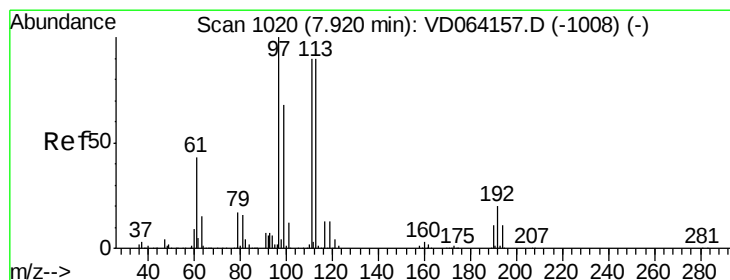
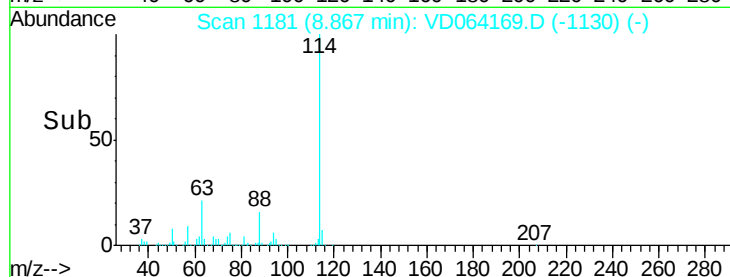
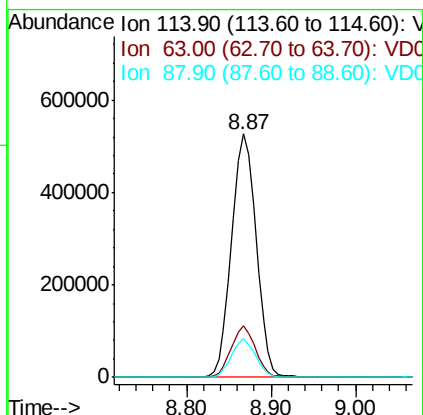
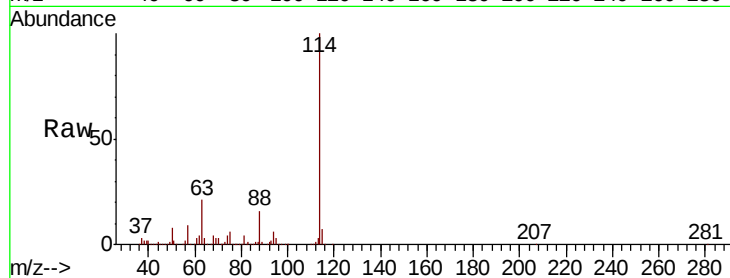




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064169.D
Acq: 08 Nov 2019 22:05

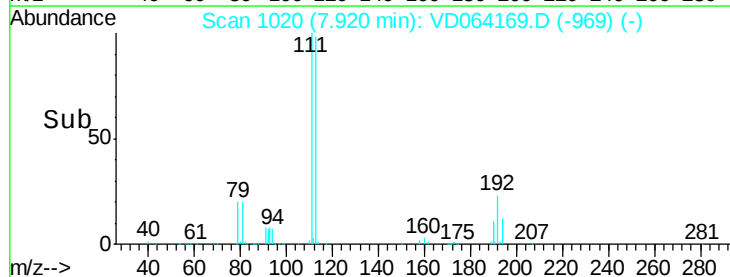
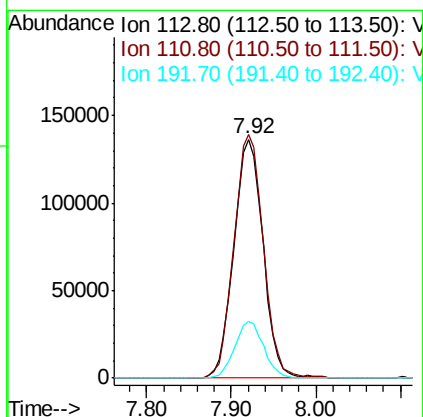
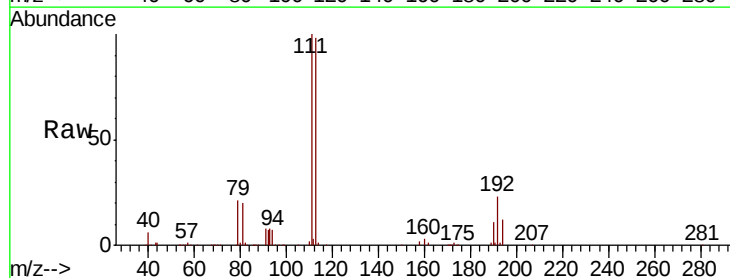
Instrument :
MSVOA_D
ClientSampleId :
SP

Tot Ion:114 Resp: 1062010
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.0
88 15.8 0.0 30.2



#35
Dibromofluoromethane
Concen: 53.351 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064169.D
Acq: 08 Nov 2019 22:05

Tgt Ion:113 Resp: 325235
Ion Ratio Lower Upper
113 100
111 102.7 81.5 122.3
192 23.6 18.8 28.2

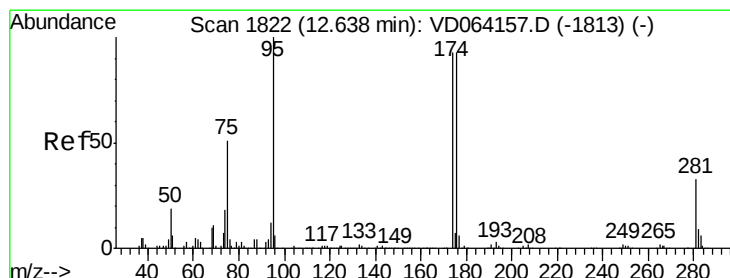
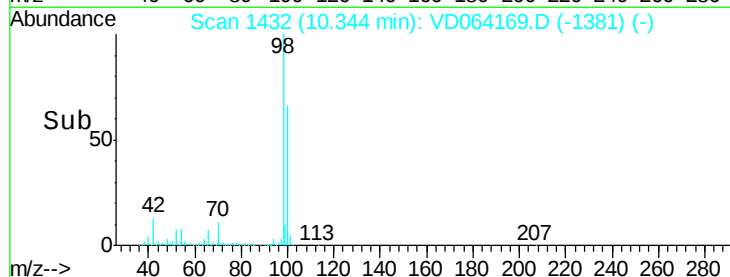
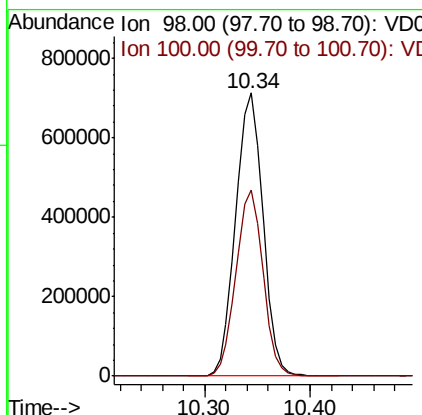
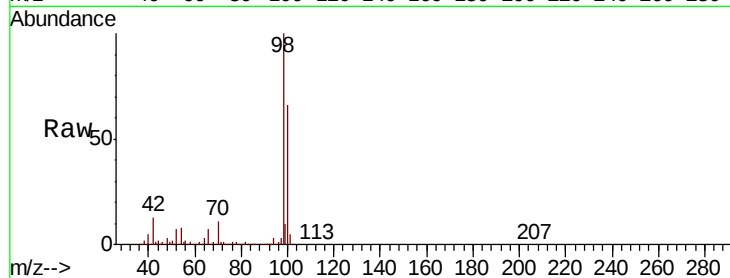




#50
Toluene-d8
Concen: 55.719 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064169.D
Acq: 08 Nov 2019 22:05

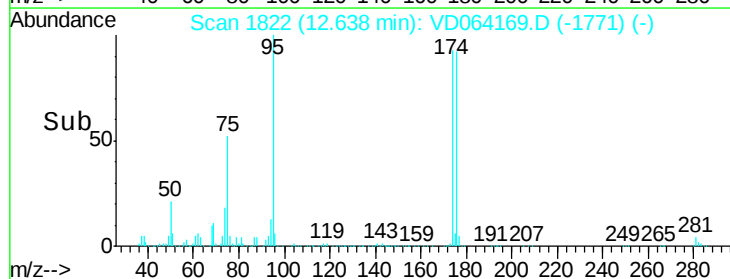
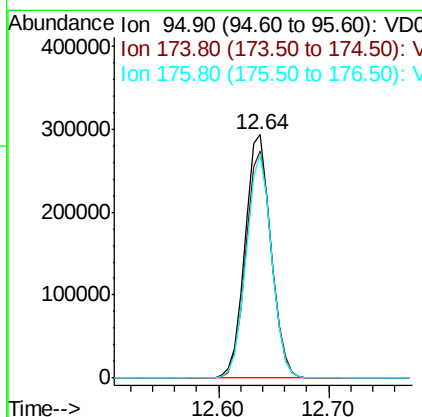
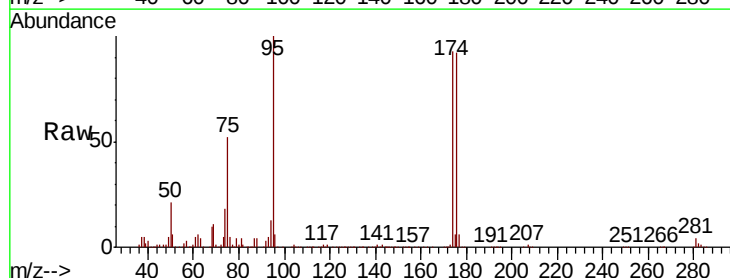
Instrument :
MSVOA_D
ClientSampleId :
SP

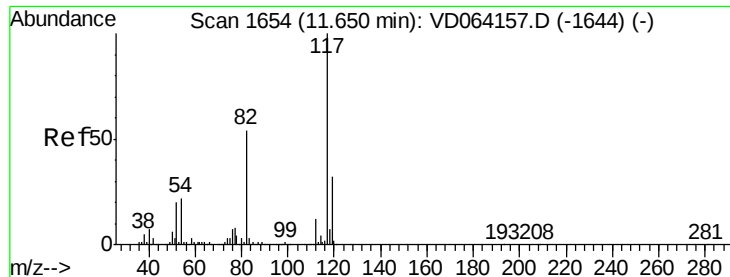
Tot Ion: 98 Resp: 1281366
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 60.663 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064169.D
Acq: 08 Nov 2019 22:05

Tgt Ion: 95 Resp: 483126
Ion Ratio Lower Upper
95 100
174 93.4 0.0 183.6
176 90.3 0.0 180.2

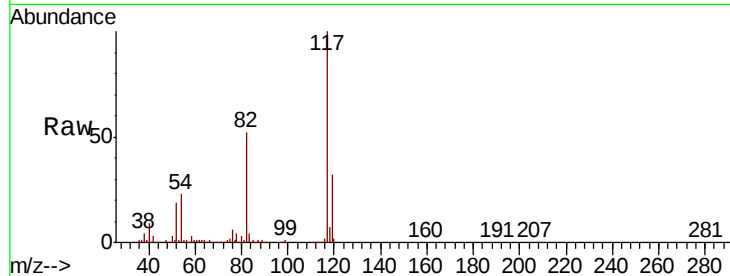




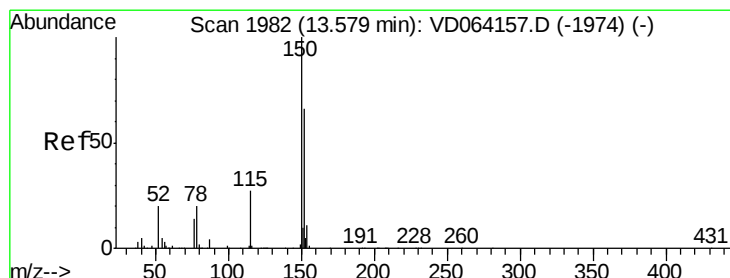
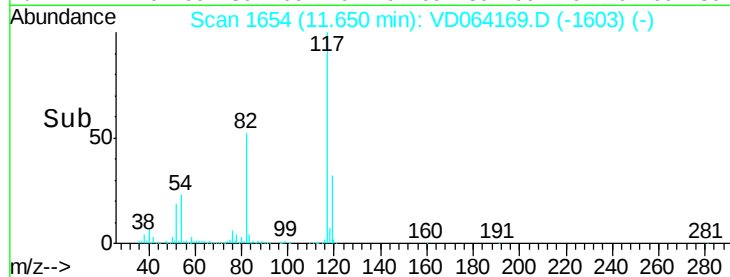
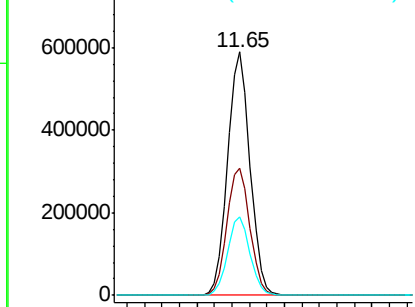
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064169.D
Acq: 08 Nov 2019 22:05

Instrument :
MSVOA_D
ClientSampleId :
SP

Tot Ion:117 Resp: 1031755
Ion Ratio Lower Upper
117 100
82 52.1 42.8 64.2
119 32.1 25.6 38.4

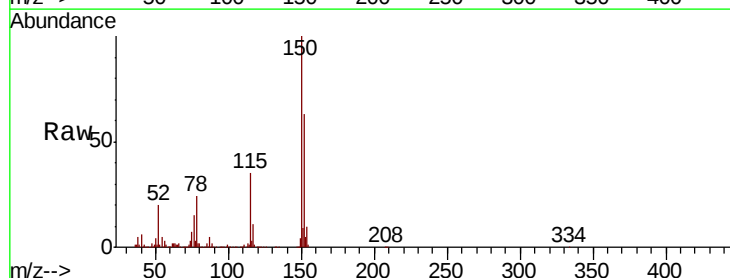


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064169.D
Acq: 08 Nov 2019 22:05

Tgt Ion:152 Resp: 526285
Ion Ratio Lower Upper
152 100
115 54.3 27.4 82.2
150 156.7 0.0 351.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

