

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121719\
 Data File : VD064552.D
 Acq On : 17 Dec 2019 18:31
 Operator : VA/SY
 Sample : K6357-09
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PF-D

Quant Time: Dec 18 03:31:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

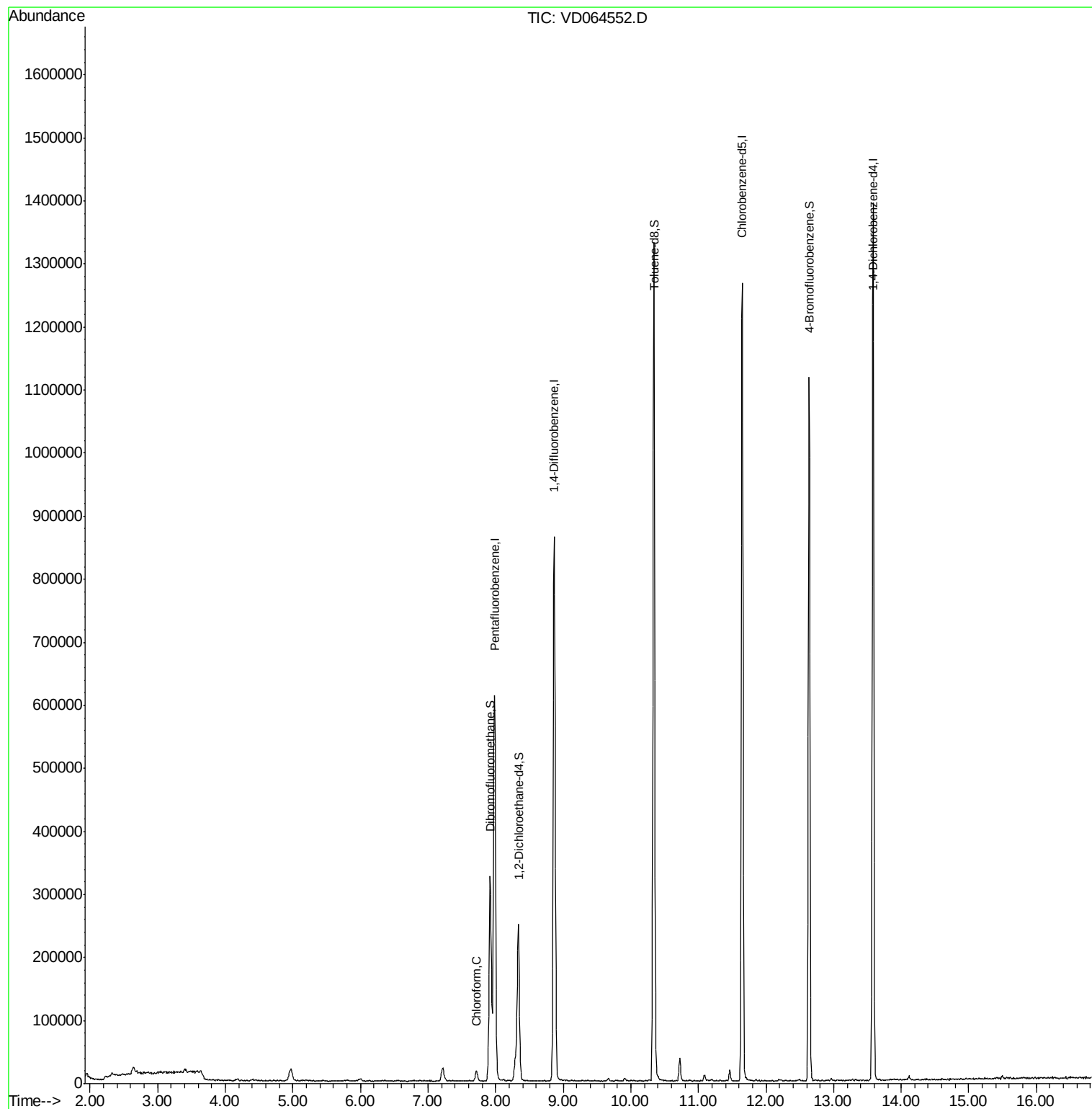
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	498726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	753973	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	736543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	373570	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	194230	43.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.06%	
35) Dibromofluoromethane	7.92	113	219181	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
50) Toluene-d8	10.34	98	910183	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.64	95	322985	56.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.32%	
Target Compounds						
30) Chloroform	7.72	83	14521	1.683	ug/l	Qvalue 87

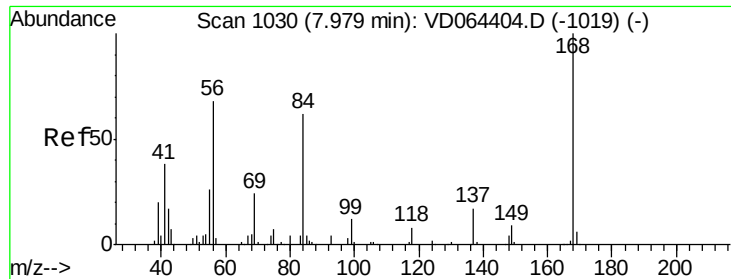
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064552.D

Acq: 17 Dec 2019 18:31

Instrument :

MSVOA_D

ClientSampleId :

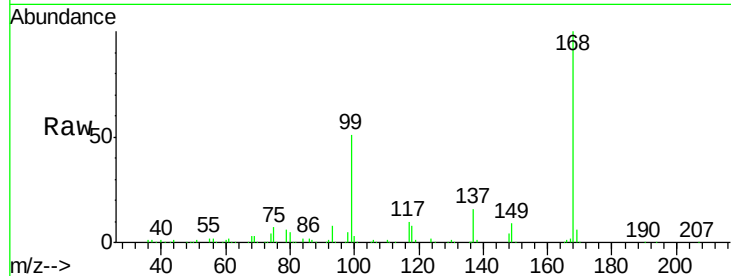
PF-D

Tot Ion:168 Resp: 498726

Ion Ratio Lower Upper

168 100

99 51.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

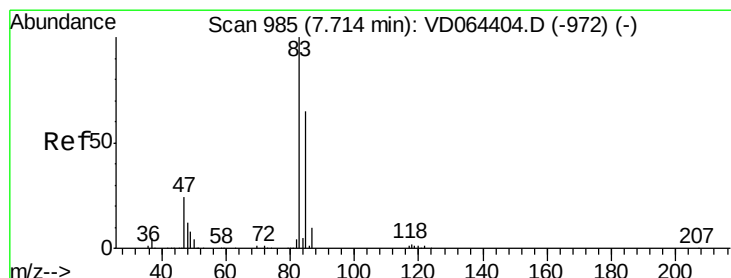
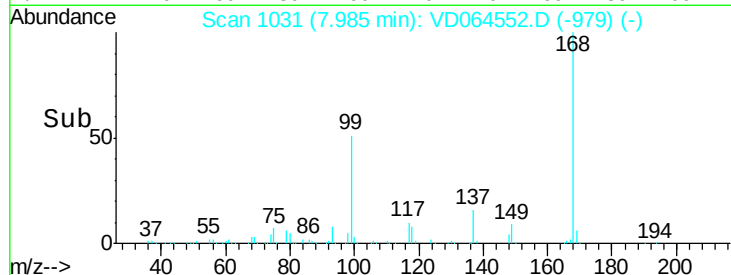
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 1.683 ug/l

RT: 7.72 min Scan# 986

Delta R.T. 0.01 min

Lab File: VD064552.D

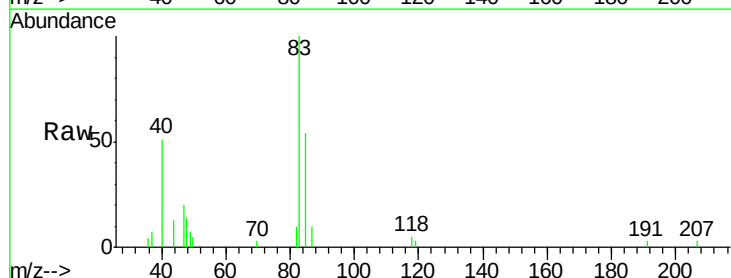
Acq: 17 Dec 2019 18:31

Tgt Ion: 83 Resp: 14521

Ion Ratio Lower Upper

83 100

85 54.2 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

7.72

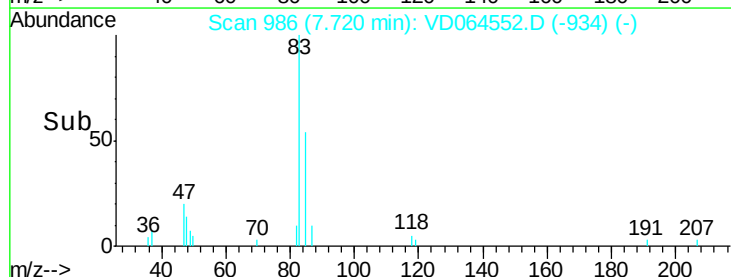
6000

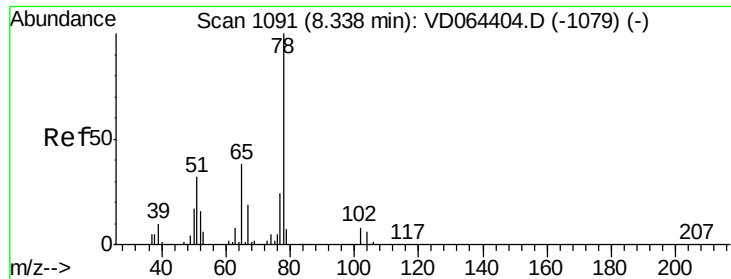
4000

2000

0

Time-->

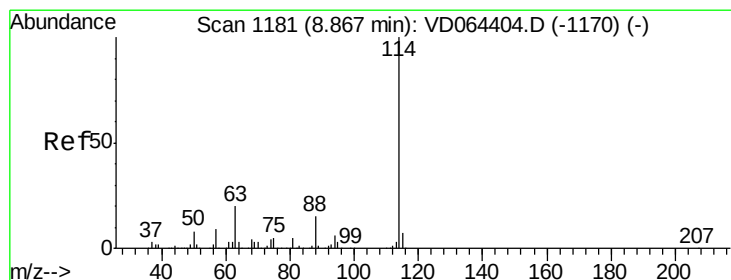
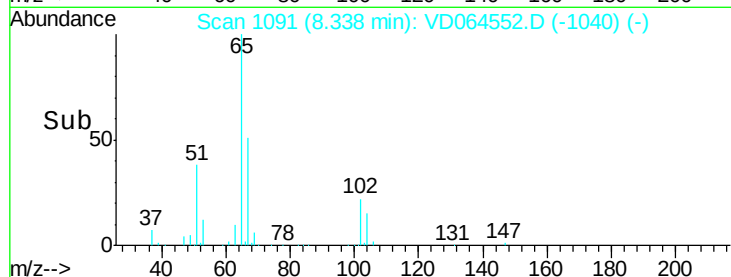
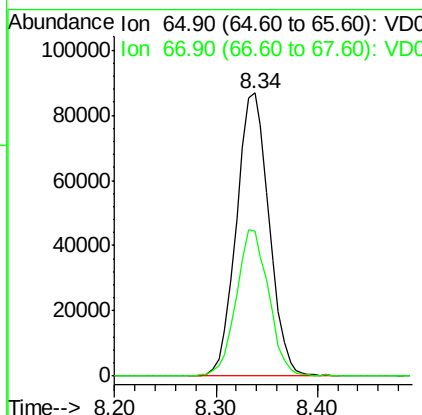
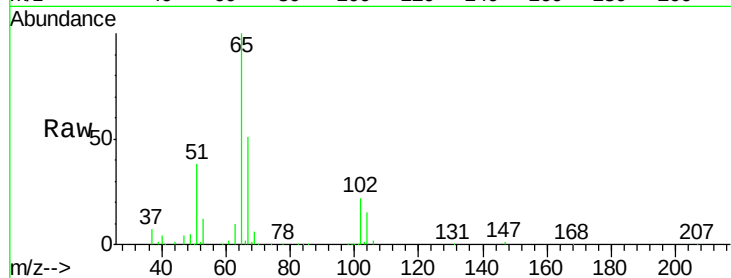




#33
 1,2-Dichloroethane-d4
 Concen: 43.026 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD064552.D
 Acq: 17 Dec 2019 18:31

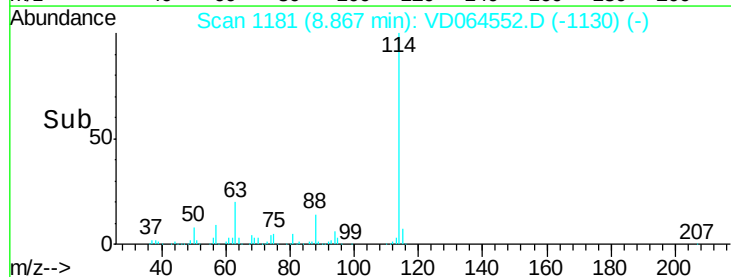
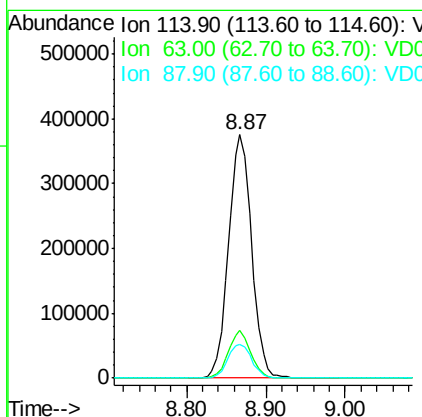
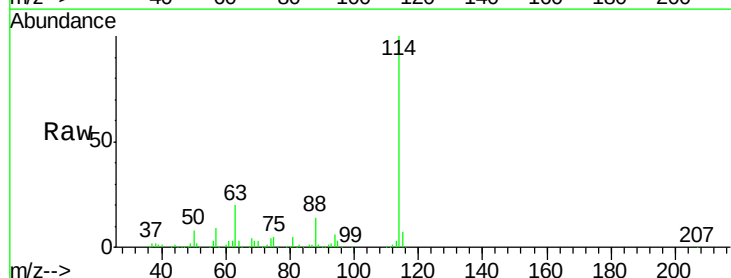
Instrument :
 MSVOA_D
 ClientSampleId :
 PF-D

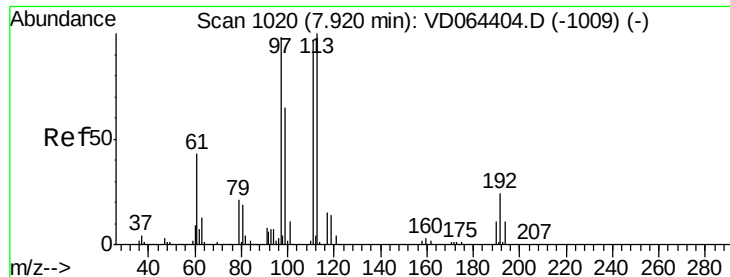
Tot Ion: 65 Resp: 194230
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064552.D
 Acq: 17 Dec 2019 18:31

Tgt Ion: 114 Resp: 753973
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 13.9 0.0 29.2

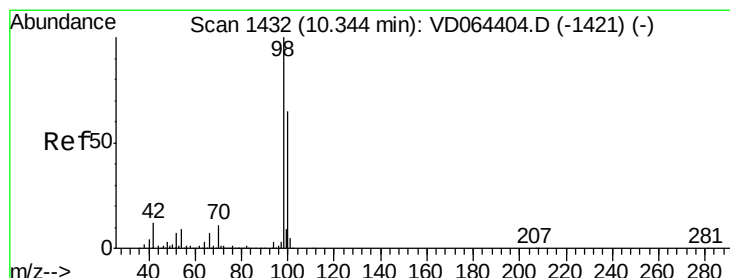
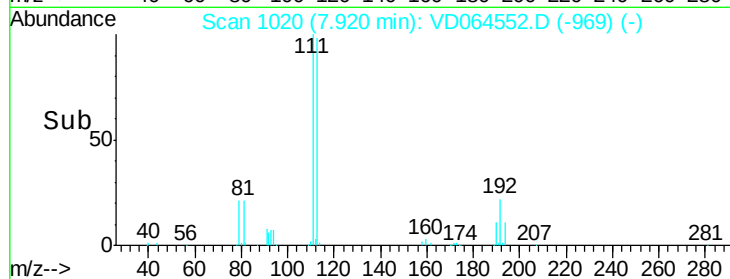
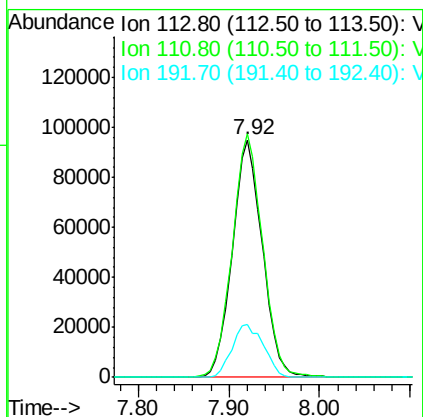
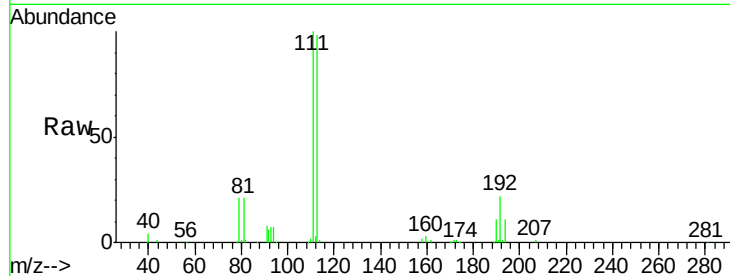




#35
 Dibromofluoromethane
 Concen: 46.139 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064552.D
 Acq: 17 Dec 2019 18:31

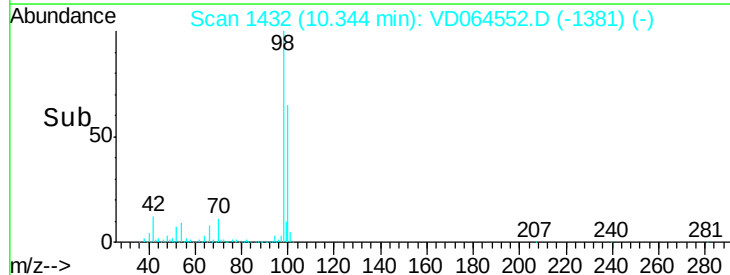
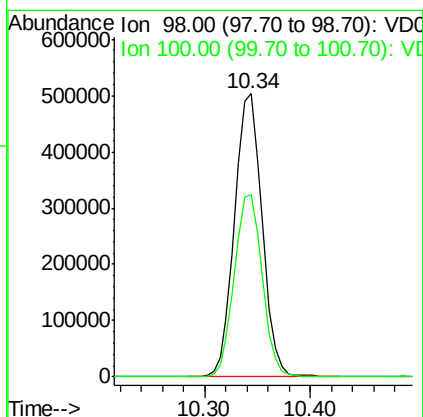
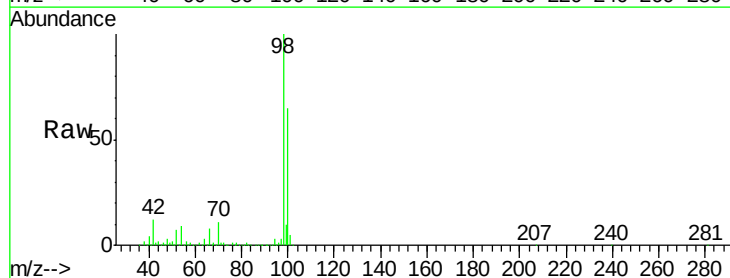
Instrument :
 MSVOA_D
 ClientSampleId :
 PF-D

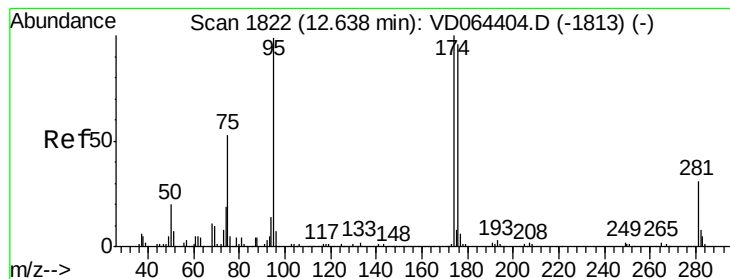
Tot Ion:113 Resp: 219181
 Ion Ratio Lower Upper
 113 100
 111 103.8 79.4 119.2
 192 23.4 18.6 28.0



#50
 Toluene-d8
 Concen: 50.865 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD064552.D
 Acq: 17 Dec 2019 18:31

Tgt Ion: 98 Resp: 910183
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.6 79.0





#62

4-Bromofluorobenzene

Concen: 56.164 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064552.D

Acq: 17 Dec 2019 18:31

Instrument :

MSVOA_D

ClientSampleId :

PF-D

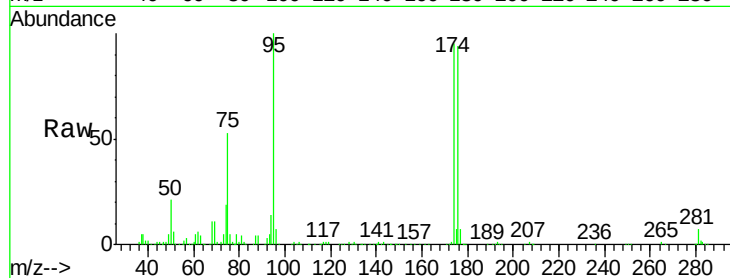
Tot Ion: 95 Resp: 322985

Ion Ratio Lower Upper

95 100

174 95.3 0.0 197.2

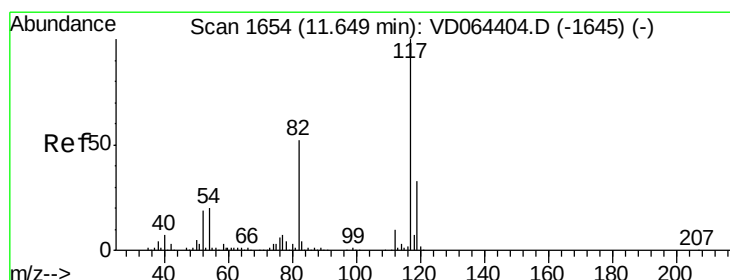
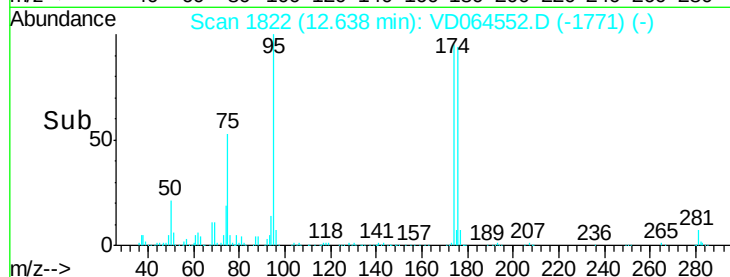
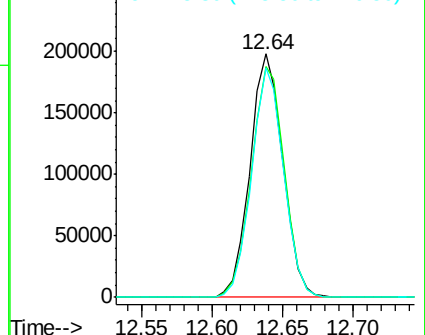
176 91.9 0.0 189.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064552.D

Acq: 17 Dec 2019 18:31

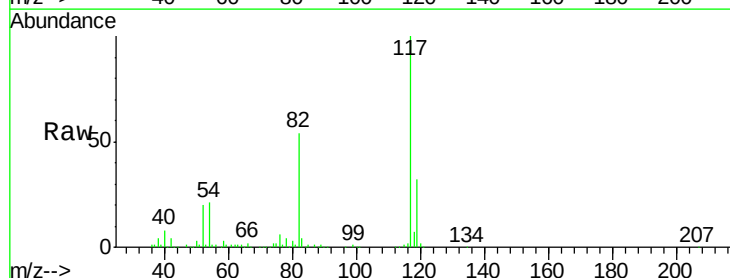
Tgt Ion: 117 Resp: 736543

Ion Ratio Lower Upper

117 100

82 53.9 41.4 62.2

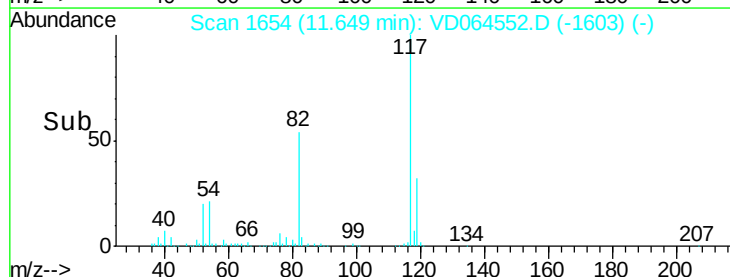
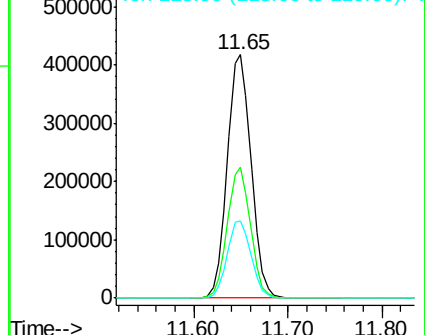
119 31.9 26.2 39.2

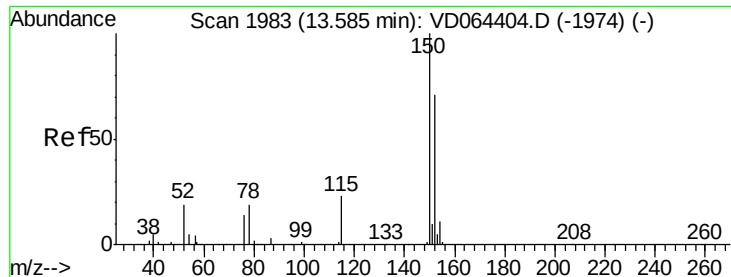


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1983

Delta R.T. 0.00 min

Lab File: VD064552.D

Acq: 17 Dec 2019 18:31

Instrument :

MSVOA_D

ClientSampleId :

PF-D

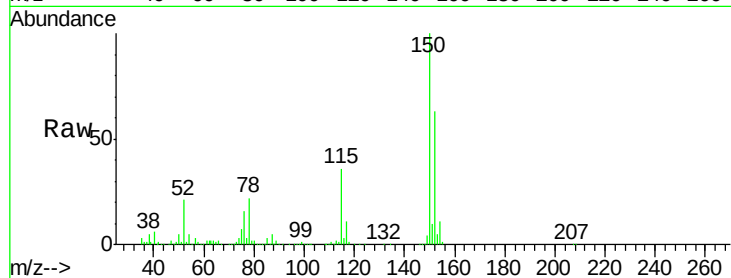
Tot Ion:152 Resp: 373570

Ion Ratio Lower Upper

152 100

115 54.9 26.7 80.1

150 154.5 0.0 347.2



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

