

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010920\
 Data File : VD064813.D
 Acq On : 09 Jan 2020 13:25
 Operator : VA/SY
 Sample : L1060-07
 Misc : 6.19G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Jan 09 14:17:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	500101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	785296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	693353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	293904	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	248497	56.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.70%	
35) Dibromofluoromethane	7.92	113	245602	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
50) Toluene-d8	10.34	98	941865	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.64	95	276590	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	

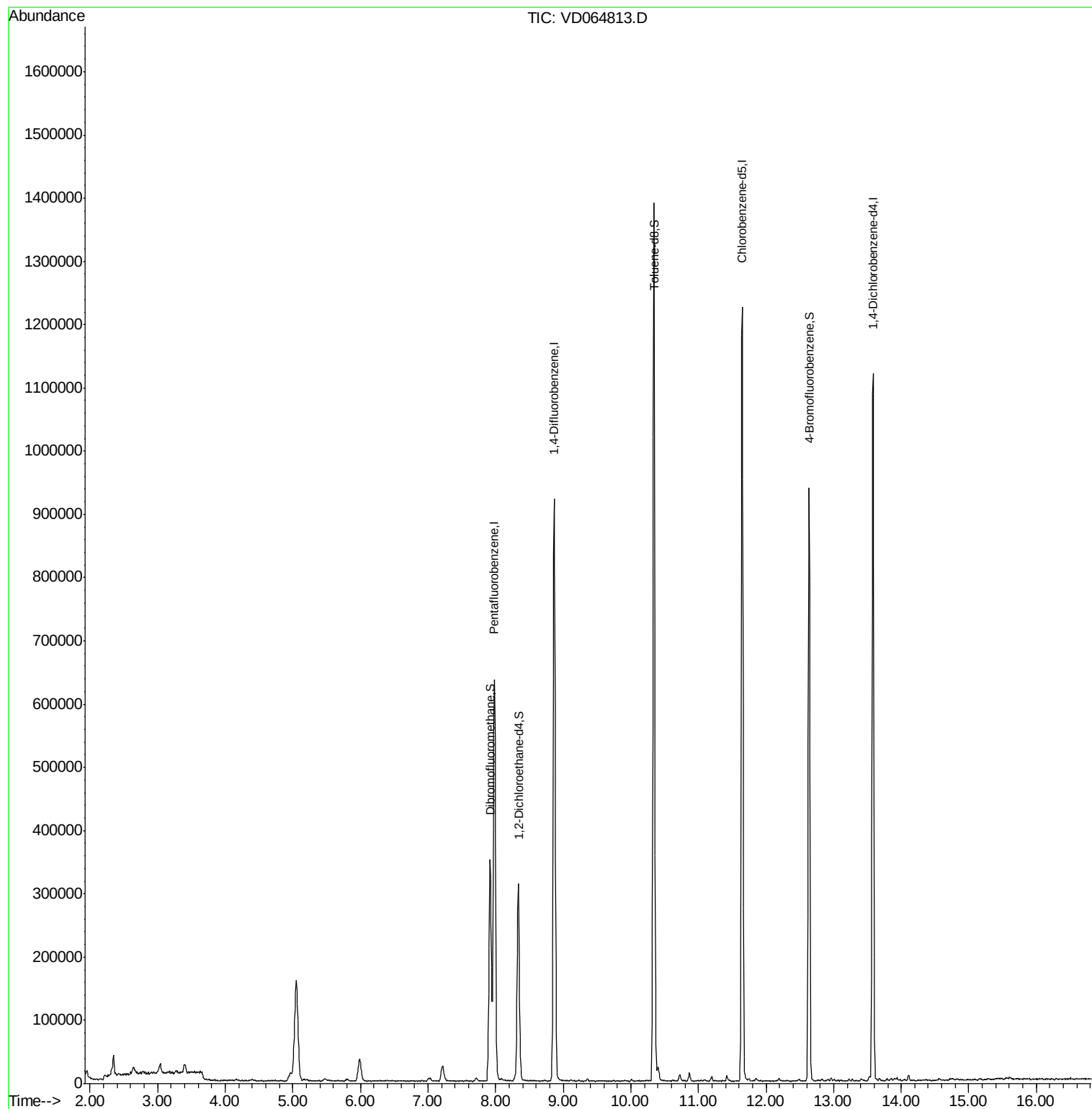
Target Compounds	Qvalue

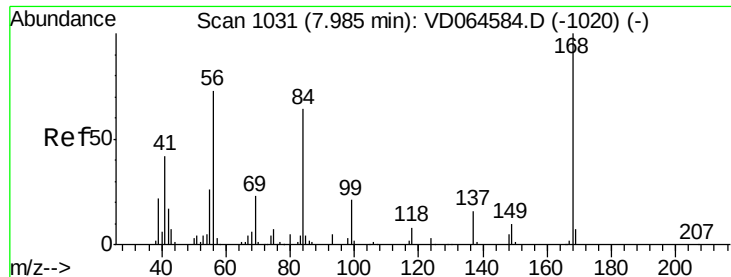
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064813.D

Acq: 09 Jan 2020 13:25

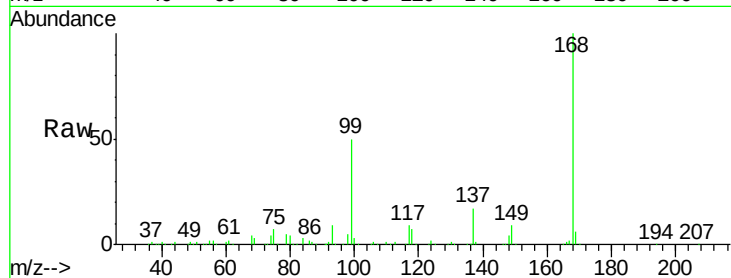
Instrument :
MSVOA_D
ClientSampled :
TP-2

Tot Ion:168 Resp: 500101

Ion Ratio Lower Upper

168 100

99 50.4 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

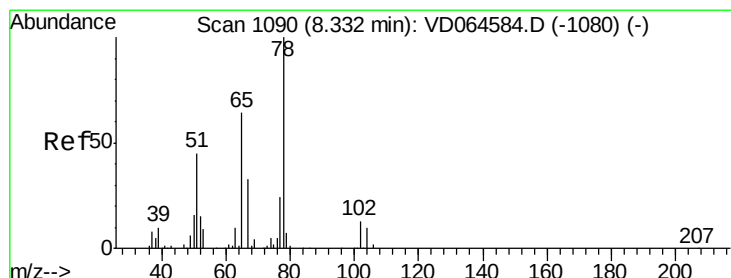
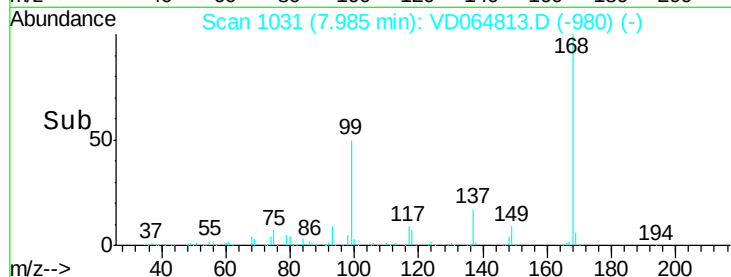
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.351 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064813.D

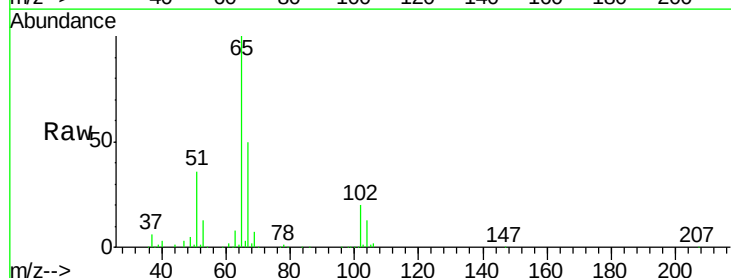
Acq: 09 Jan 2020 13:25

Tgt Ion: 65 Resp: 248497

Ion Ratio Lower Upper

65 100

67 50.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

120000

100000

80000

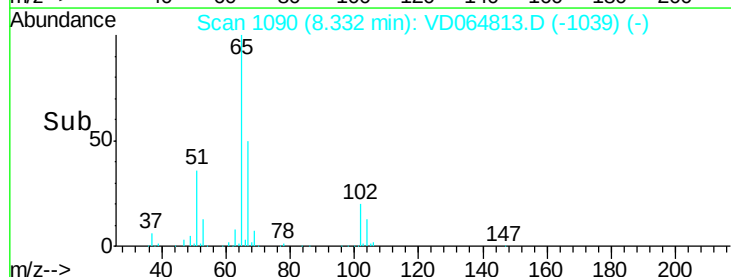
60000

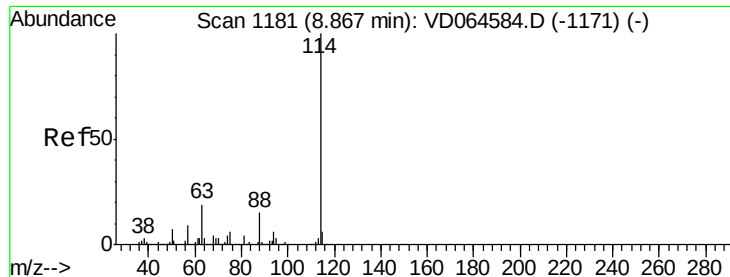
40000

20000

0

Time-->

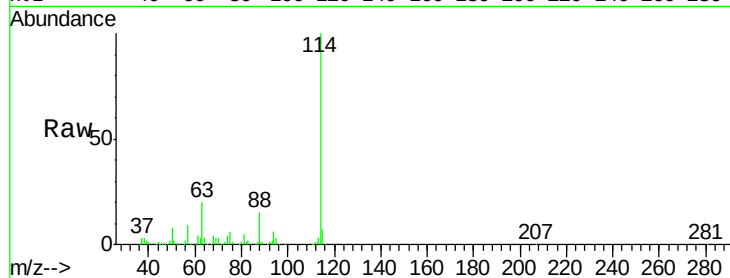




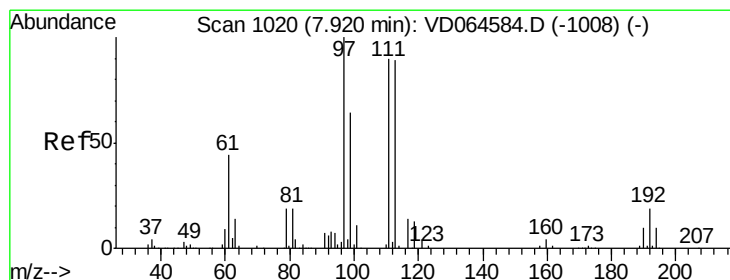
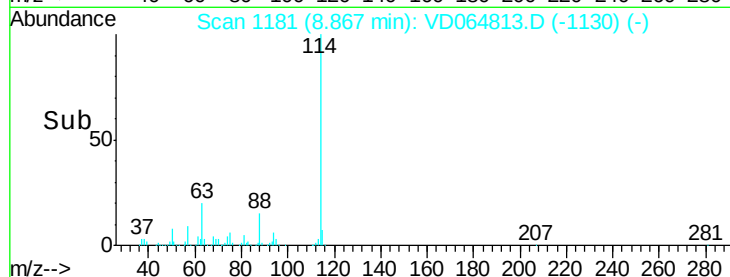
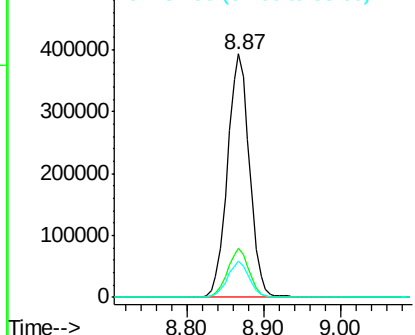
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064813.D
Acq: 09 Jan 2020 13:25

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tot Ion:114 Resp: 785296
Ion Ratio Lower Upper
114 100
63 20.1 0.0 38.0
88 14.9 0.0 29.2

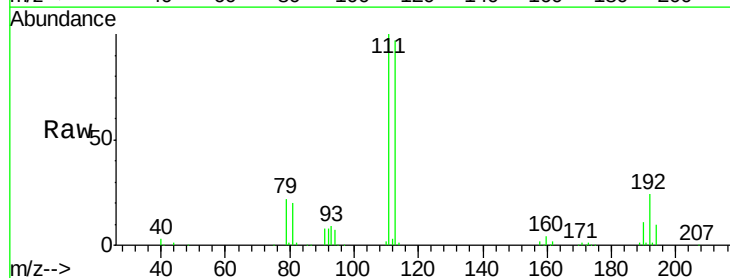


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

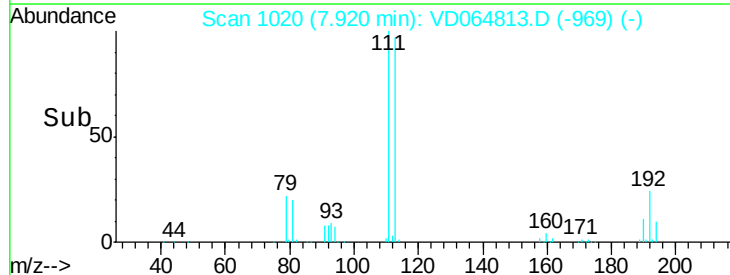
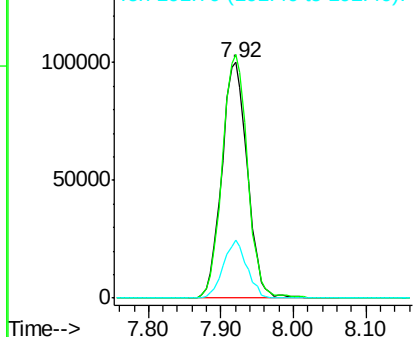


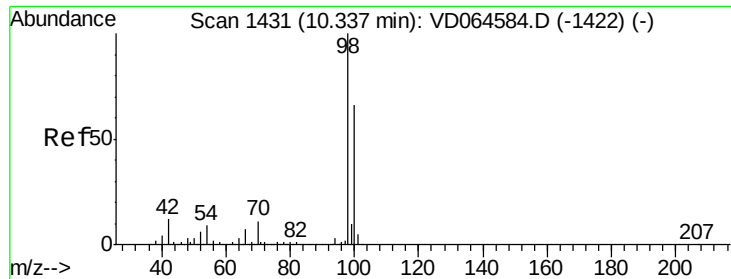
#35
Dibromofluoromethane
Concen: 50.977 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064813.D
Acq: 09 Jan 2020 13:25

Tgt Ion:113 Resp: 245602
Ion Ratio Lower Upper
113 100
111 101.9 80.6 121.0
192 22.8 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

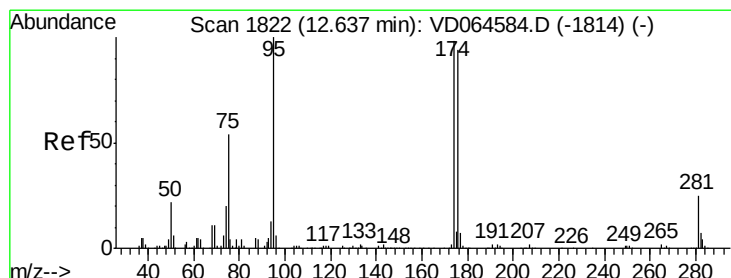
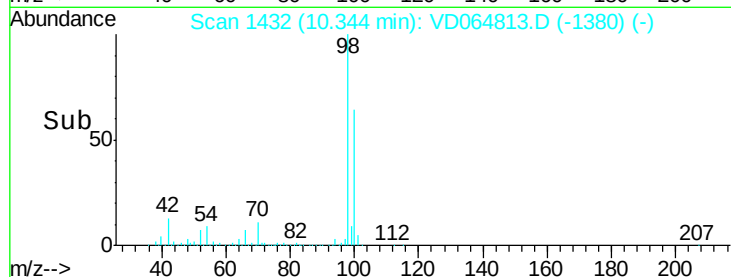
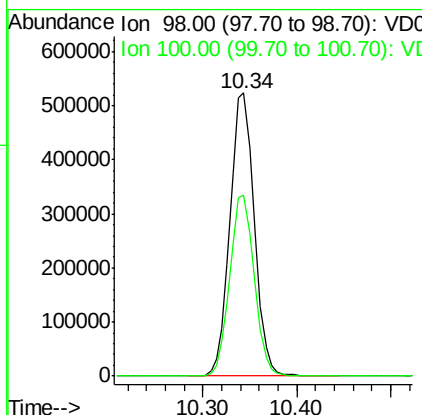
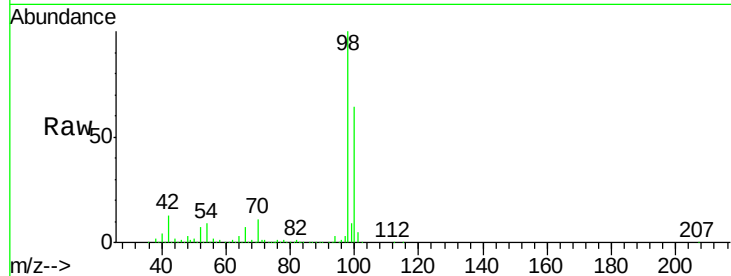




#50
Toluene-d8
Concen: 51.044 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064813.D
Acq: 09 Jan 2020 13:25

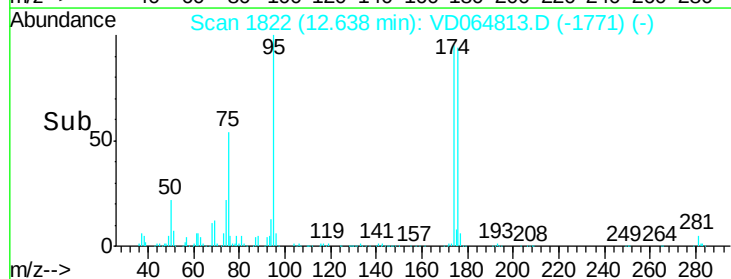
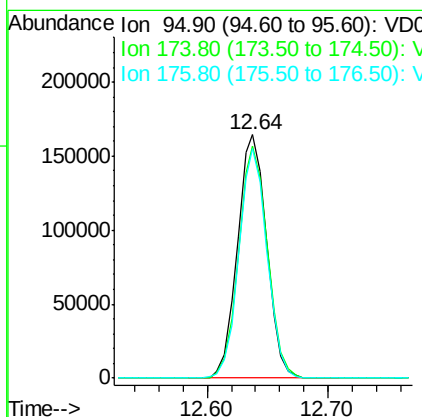
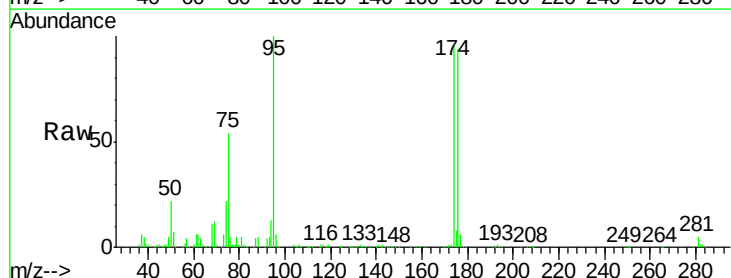
Instrument :
MSVOA_D
ClientSampleId :
TP-2

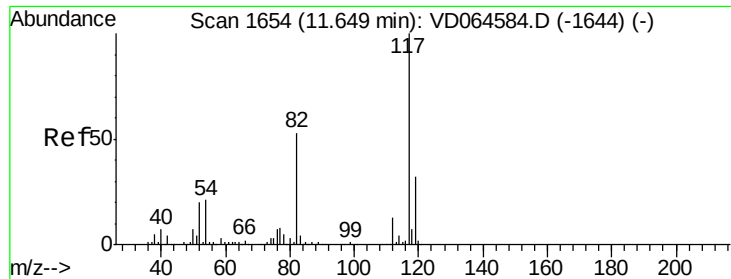
Tot Ion: 98 Resp: 941865
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 47.404 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064813.D
Acq: 09 Jan 2020 13:25

Tgt Ion: 95 Resp: 276590
Ion Ratio Lower Upper
95 100
174 93.8 0.0 193.2
176 90.8 0.0 184.2

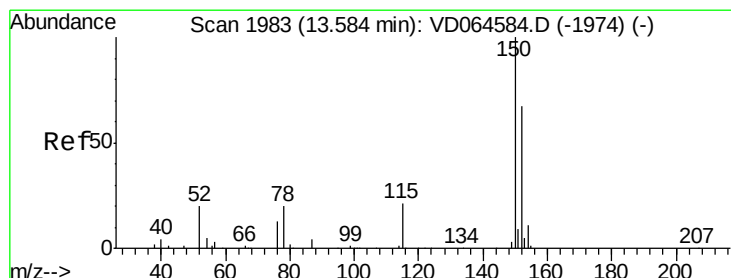
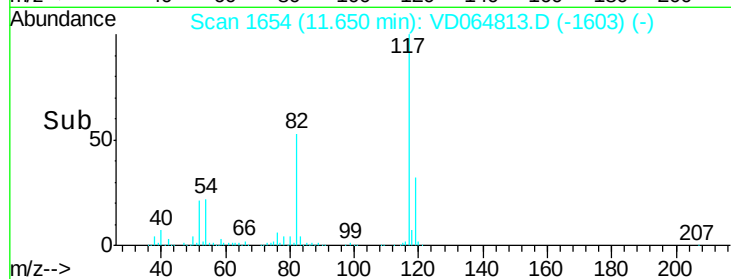
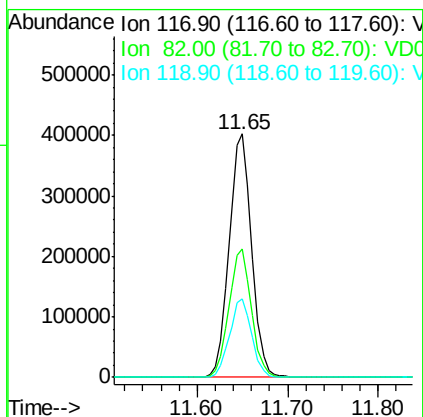
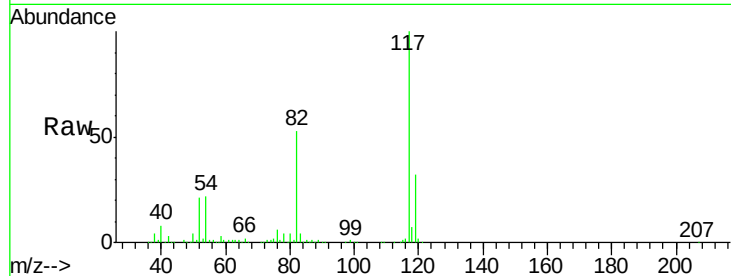




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064813.D
Acq: 09 Jan 2020 13:25

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tot Ion:117 Resp: 693353
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.4
119 32.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064813.D
Acq: 09 Jan 2020 13:25

Tgt Ion:152 Resp: 293904
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.4
150 158.5 0.0 351.4

