

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011320\
 Data File : VD064848.D
 Acq On : 13 Jan 2020 14:36
 Operator : VA/SY
 Sample : L1098-04
 Misc : 7.23G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4_13.0-13.5

Quant Time: Jan 14 11:52:14 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

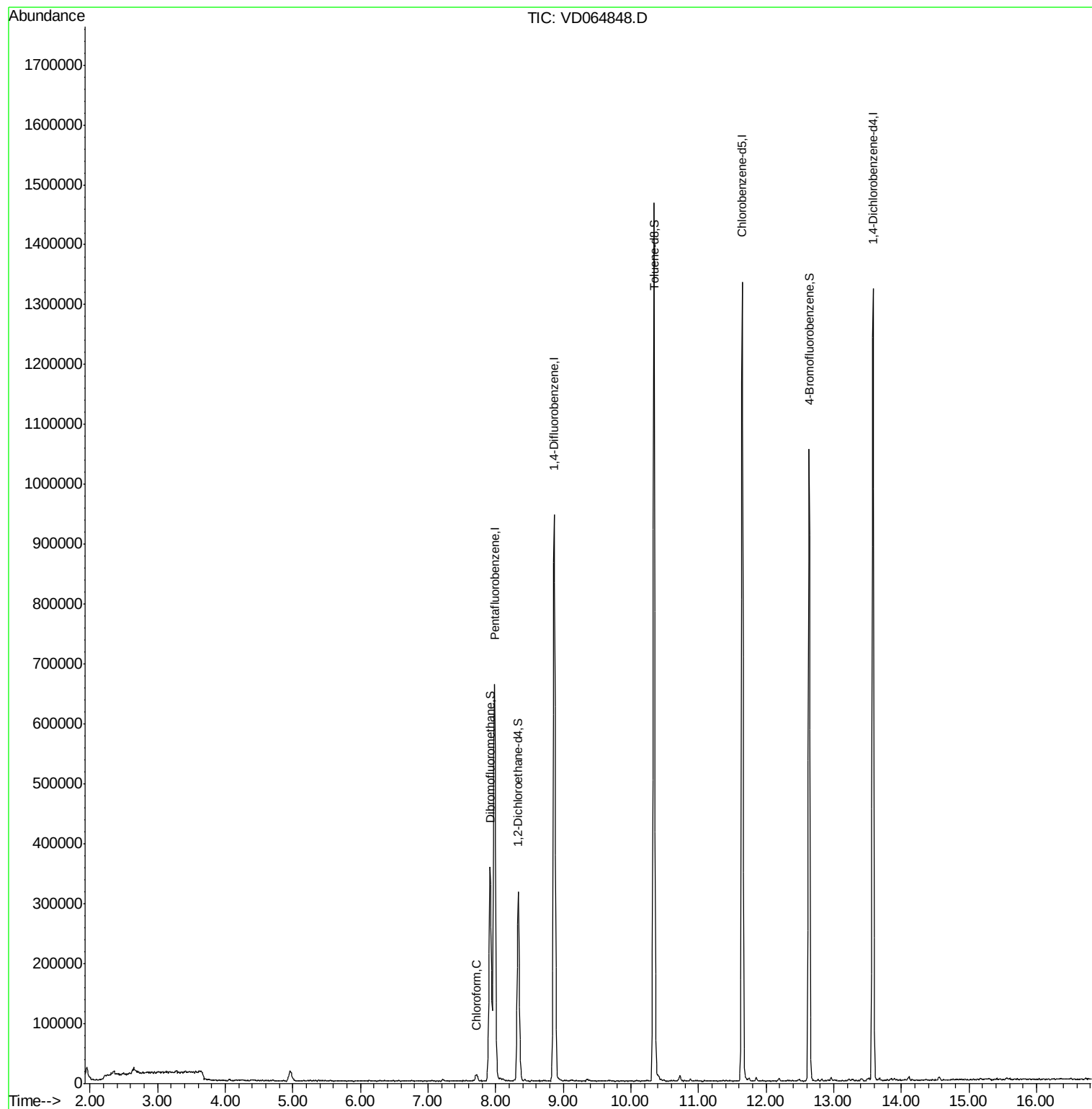
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	505206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	795153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	735276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	349018	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	253912	57.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.00%	
35) Dibromofluoromethane	7.92	113	254074	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
50) Toluene-d8	10.34	98	959187	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.64	95	303888	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
Target Compounds						
30) Chloroform	7.71	83	10993	1.263	ug/l	Qvalue 86

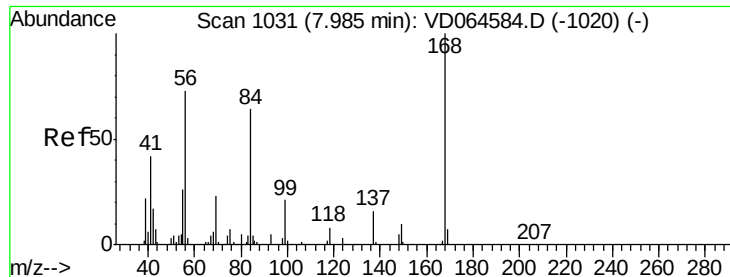
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064848.D

Acq: 13 Jan 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

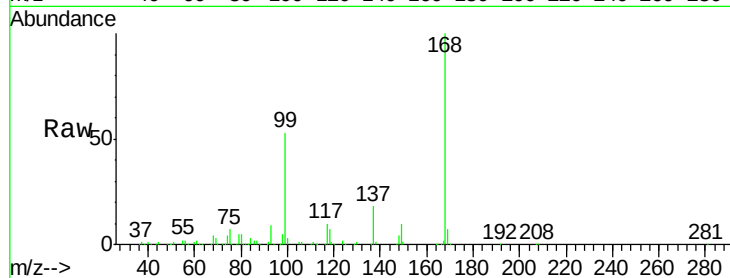
SB-4_13.0-13.5

Tot Ion:168 Resp: 505206

Ion Ratio Lower Upper

168 100

99 53.0 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

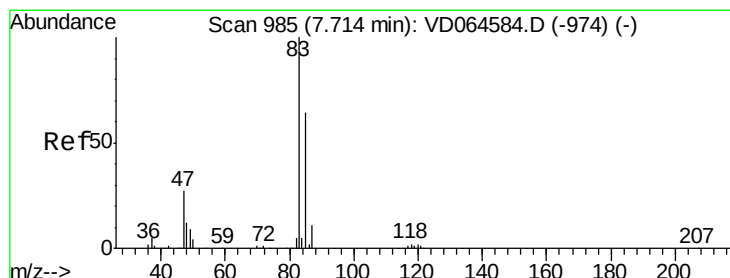
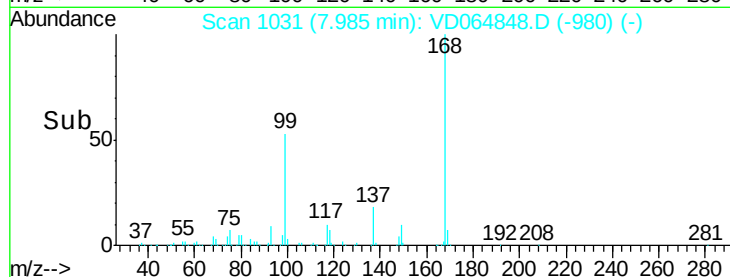
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 1.263 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.01 min

Lab File: VD064848.D

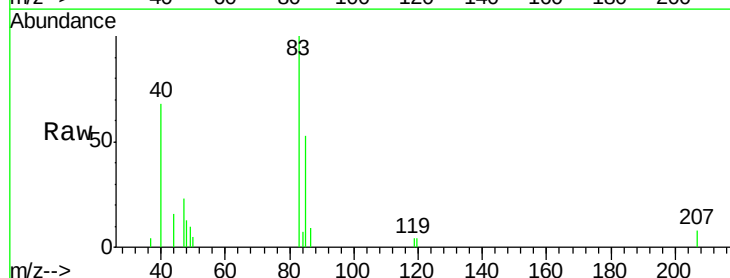
Acq: 13 Jan 2020 14:36

Tgt Ion: 83 Resp: 10993

Ion Ratio Lower Upper

83 100

85 52.8 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

7.71

5000

4000

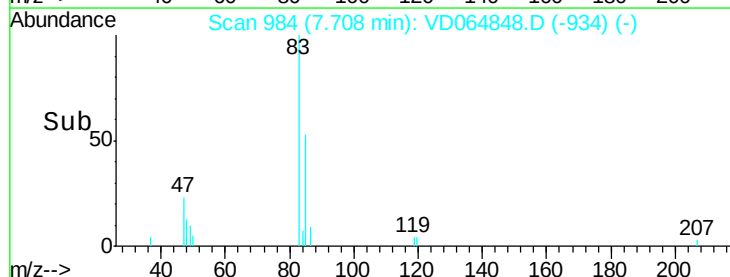
3000

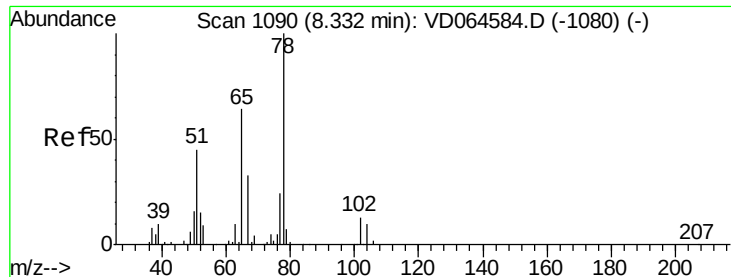
2000

1000

0

Time-->

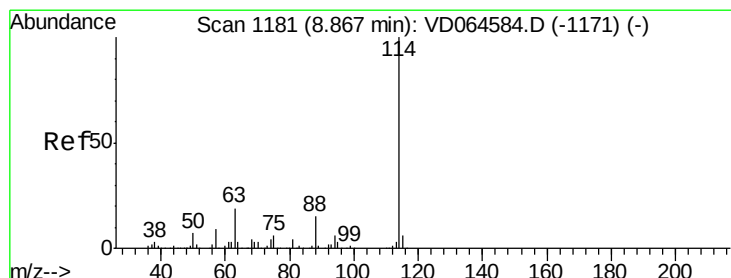
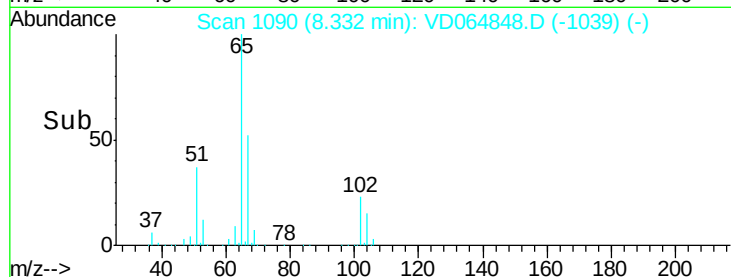
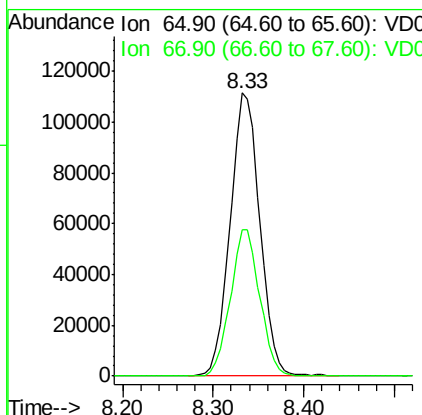
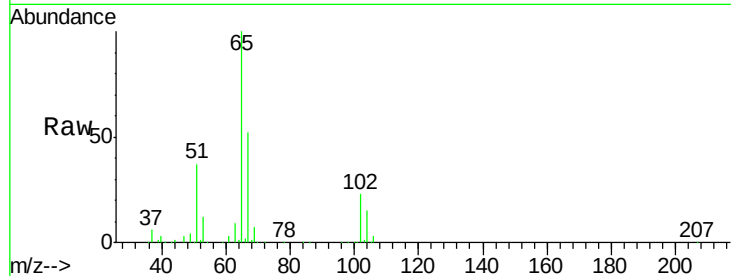




#33
 1,2-Dichloroethane-d4
 Concen: 56.997 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064848.D
 Acq: 13 Jan 2020 14:36

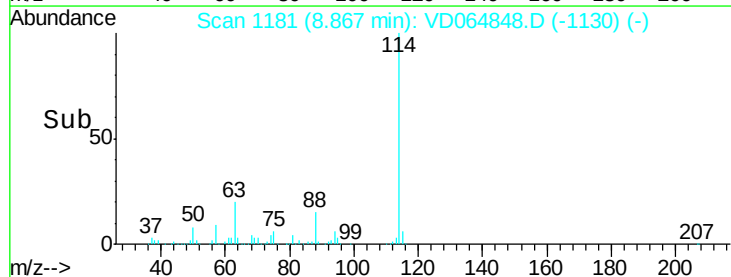
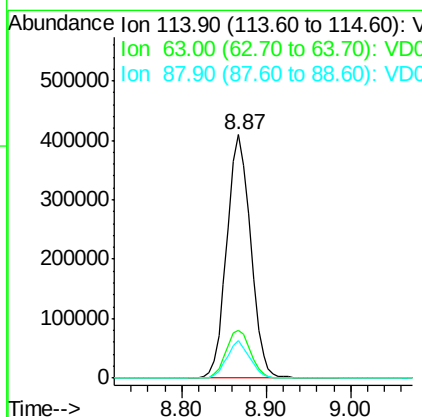
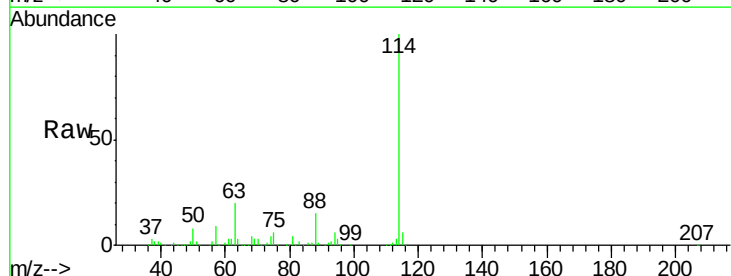
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4_13.0-13.5

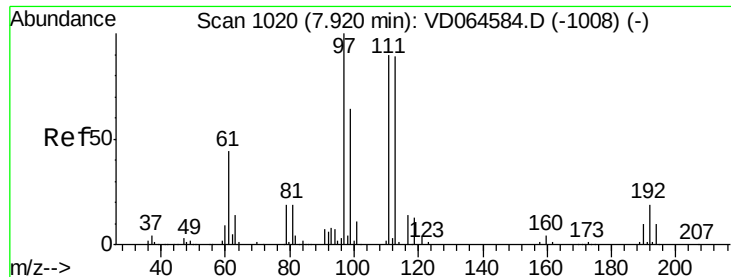
Tot Ion: 65 Resp: 253912
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064848.D
 Acq: 13 Jan 2020 14:36

Tgt Ion: 114 Resp: 795153
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.0
 88 15.2 0.0 29.2

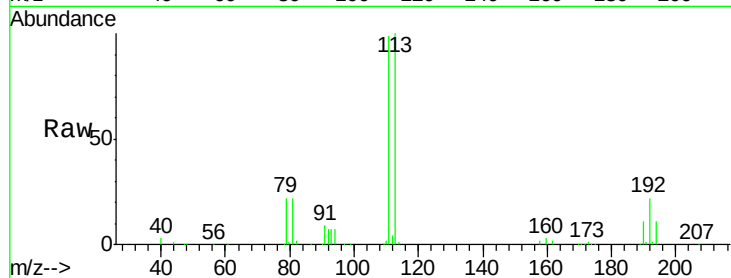




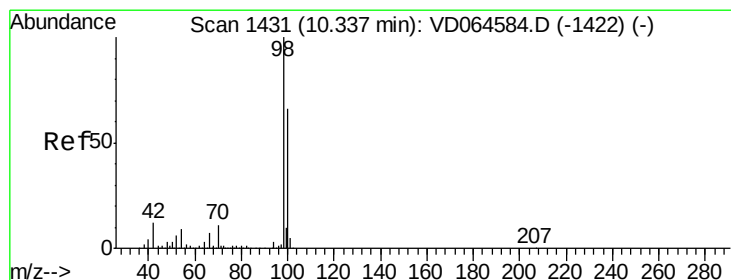
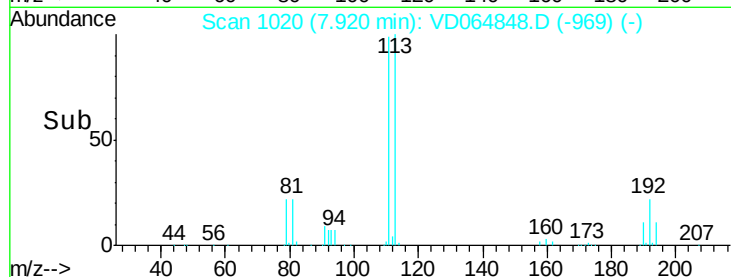
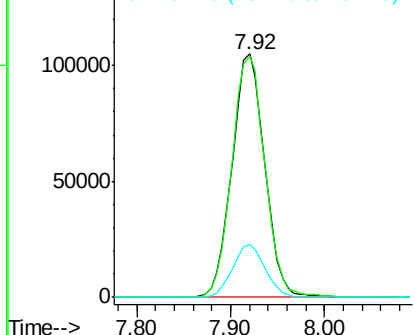
#35
 Dibromofluoromethane
 Concen: 52.081 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064848.D
 Acq: 13 Jan 2020 14:36

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4_13.0-13.5

Tot Ion:113 Resp: 254074
 Ion Ratio Lower Upper
 113 100
 111 100.6 80.6 121.0
 192 21.6 17.9 26.9

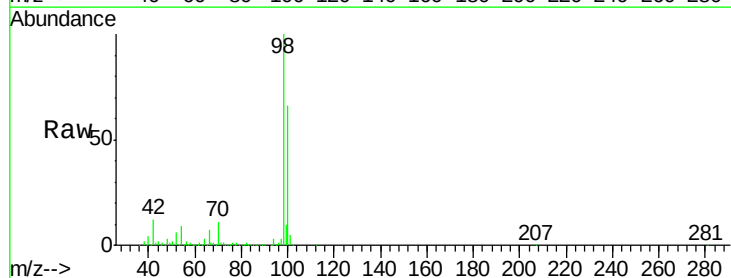


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

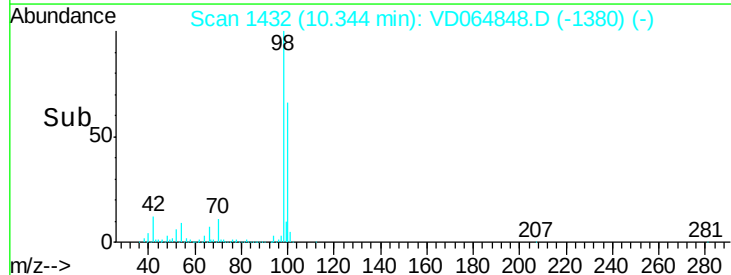
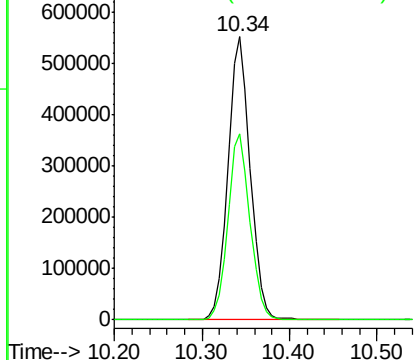


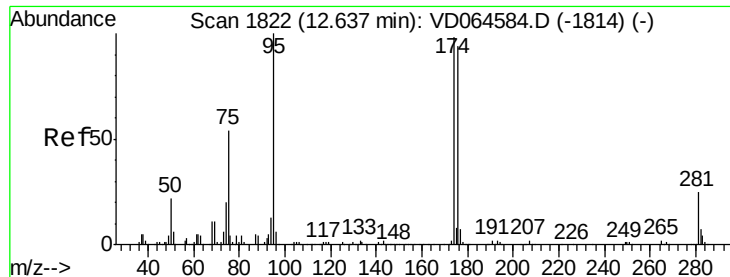
#50
 Toluene-d8
 Concen: 51.338 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064848.D
 Acq: 13 Jan 2020 14:36

Tgt Ion: 98 Resp: 959187
 Ion Ratio Lower Upper
 98 100
 100 65.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC

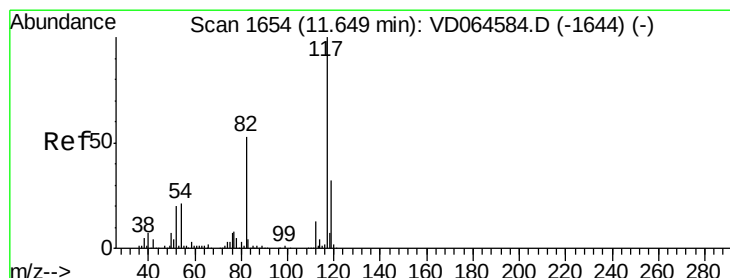
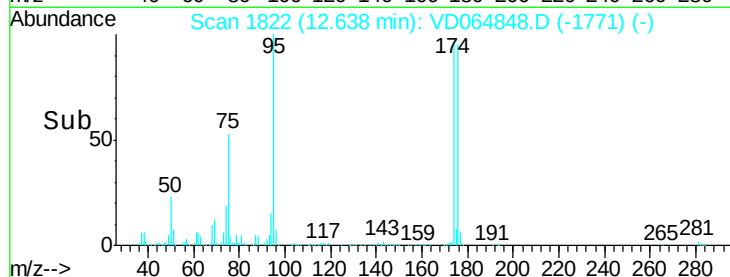
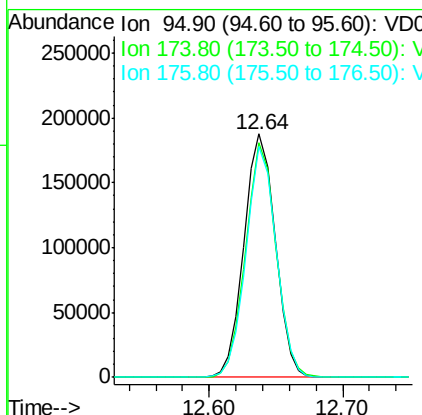
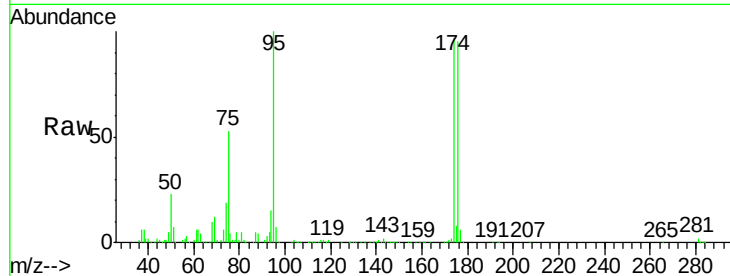




#62
4-Bromofluorobenzene
Concen: 51.437 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064848.D
Acq: 13 Jan 2020 14:36

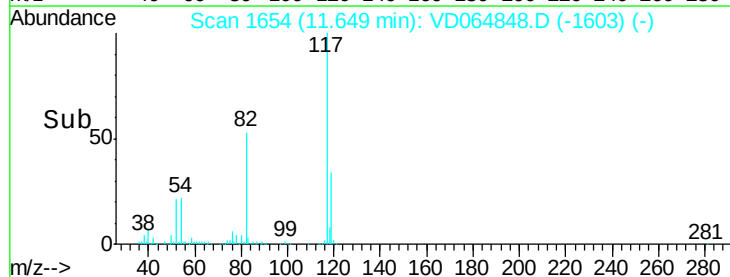
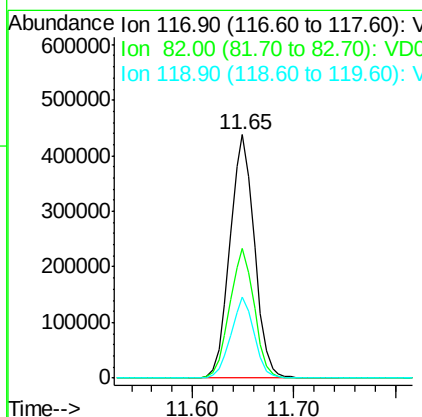
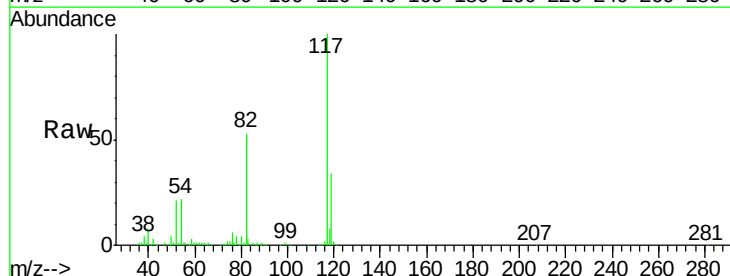
Instrument :
MSVOA_D
ClientSampleId :
SB-4_13.0-13.5

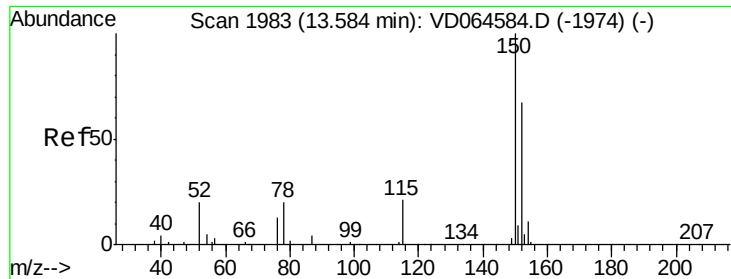
Tot Ion	Ratio	Lower	Upper
95	100		
174	93.5	0.0	193.2
176	91.1	0.0	184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064848.D
Acq: 13 Jan 2020 14:36

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.2	63.4
119	33.5	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: VD064848.D
 Acq: 13 Jan 2020 14:36

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4_13.0-13.5

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.8	83.4
150	155.2	0.0	351.4

