

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD123019\
 Data File : VD064680.D
 Acq On : 30 Dec 2019 16:35
 Operator : VA/SY
 Sample : K6456-03
 Misc : 6.49G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04

Quant Time: Dec 31 07:54:43 2019
 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

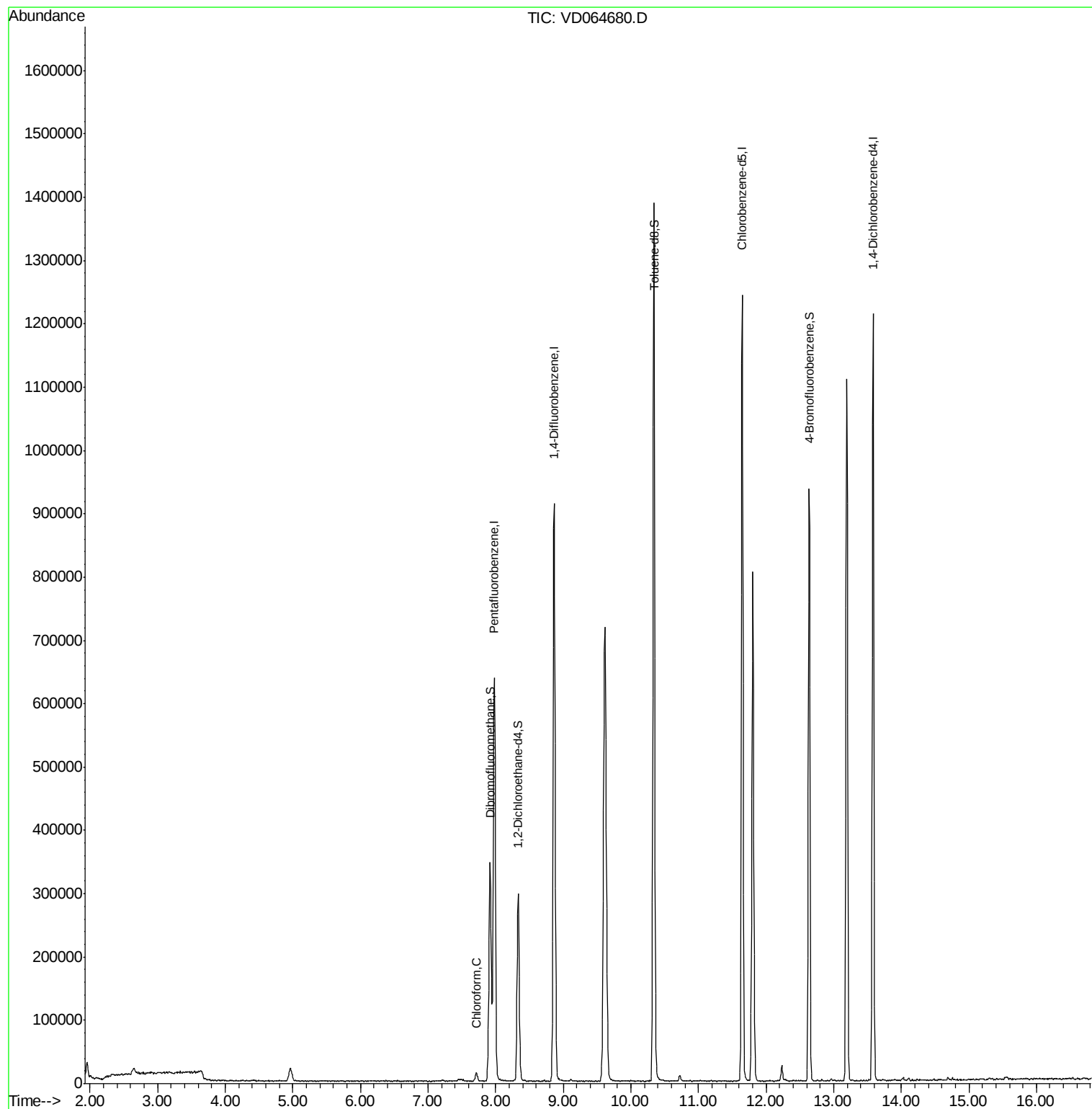
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	497743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	784366	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	690580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	319724	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	238537	54.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.70%	
35) Dibromofluoromethane	7.92	113	245390	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
50) Toluene-d8	10.34	98	940871	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
62) 4-Bromofluorobenzene	12.64	95	280424	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
Target Compounds						
30) Chloroform	7.71	83	12222	1.425	ug/l	Qvalue 88

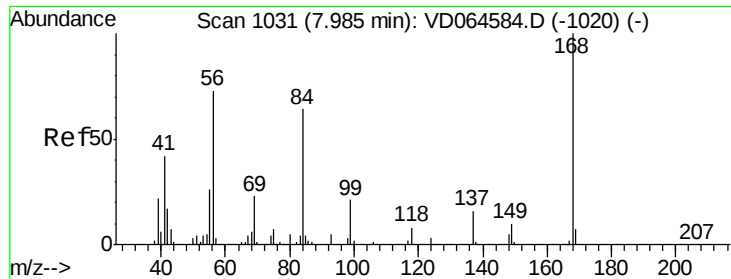
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064680.D

Acq: 30 Dec 2019 16:35

Instrument :

MSVOA_D

ClientSampled :

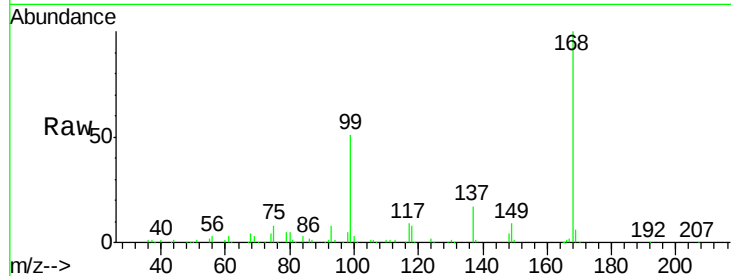
SB-04

Tot Ion:168 Resp: 497743

Ion Ratio Lower Upper

168 100

99 51.4 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

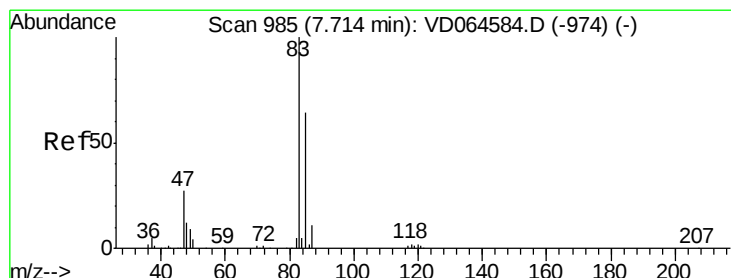
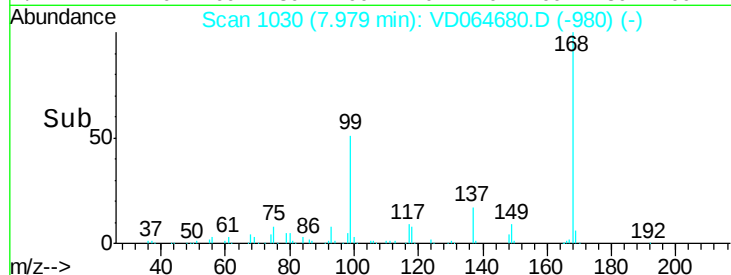
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 1.425 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD064680.D

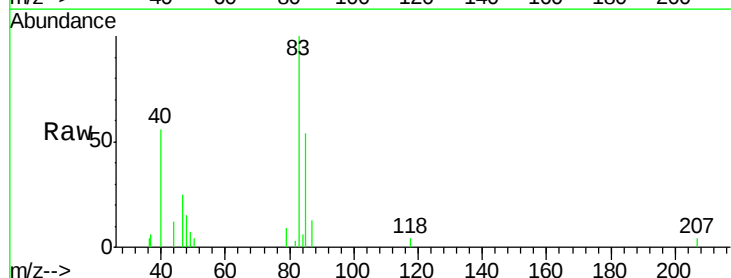
Acq: 30 Dec 2019 16:35

Tgt Ion: 83 Resp: 12222

Ion Ratio Lower Upper

83 100

85 54.4 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

6000

5000

4000

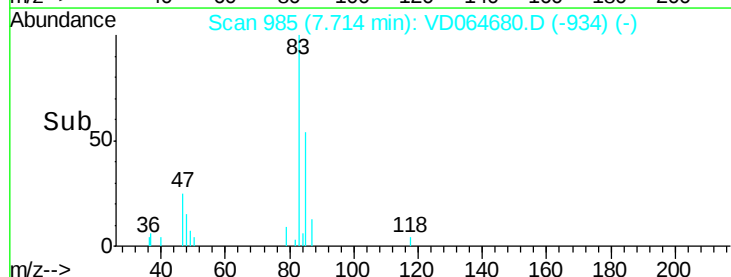
3000

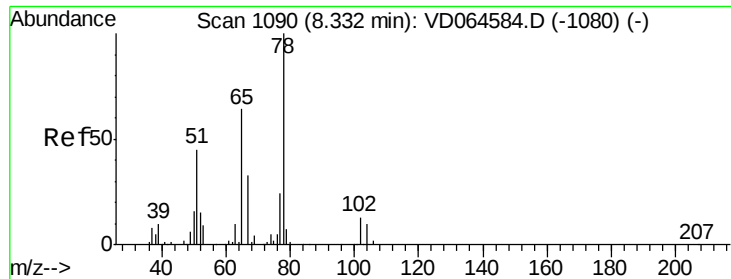
2000

1000

0

Time-->

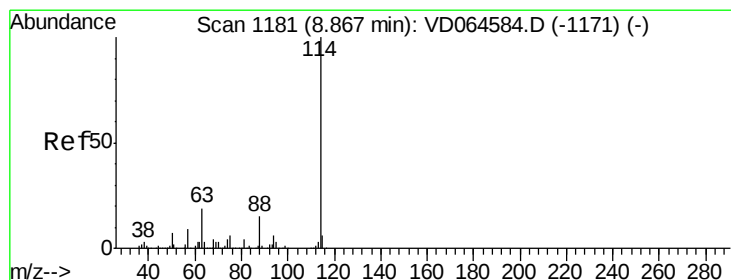
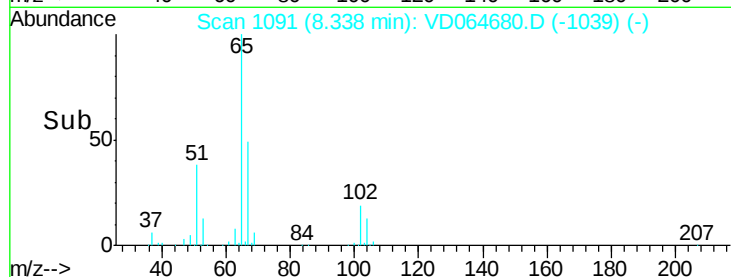
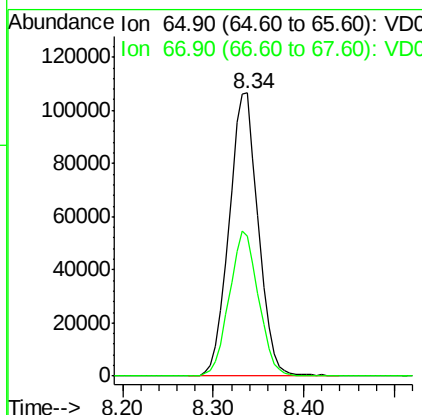
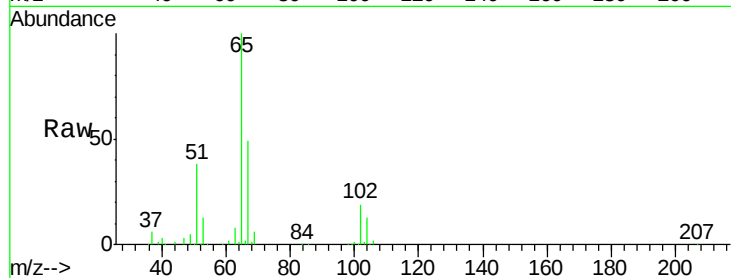




#33
 1,2-Dichloroethane-d4
 Concen: 54.348 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064680.D
 Acq: 30 Dec 2019 16:35

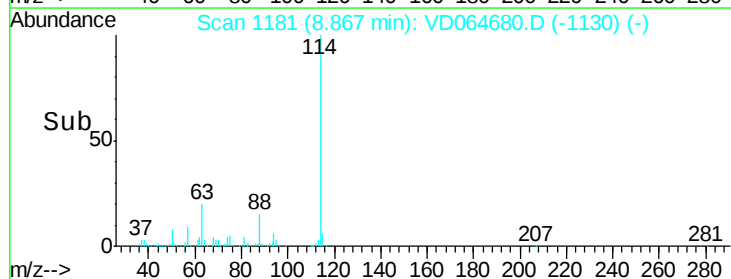
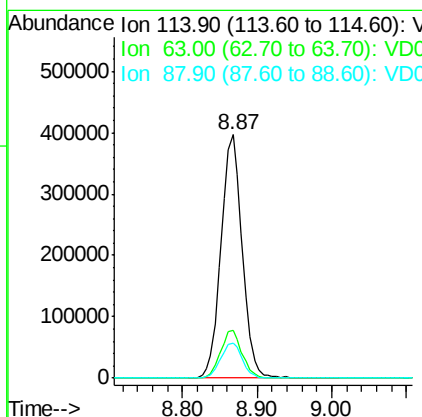
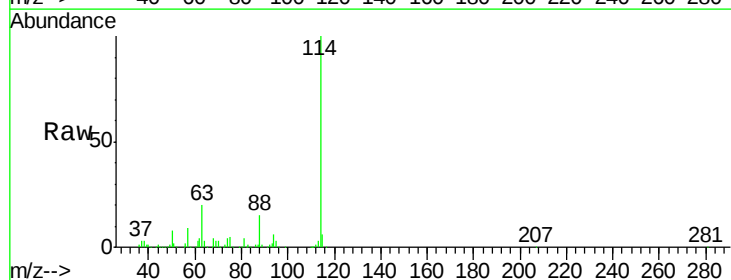
Instrument :
 MSVOA_D
 ClientSampleID :
 SB-04

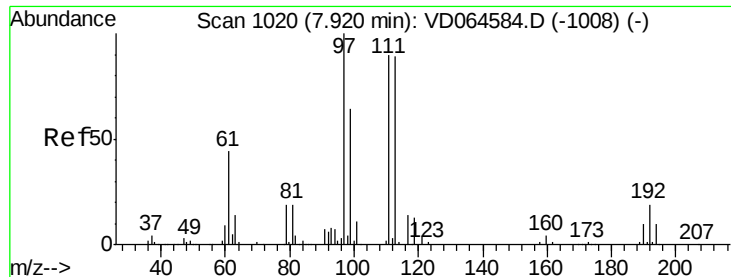
Tot Ion: 65 Resp: 238537
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064680.D
 Acq: 30 Dec 2019 16:35

Tgt Ion: 114 Resp: 784366
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.0
 88 14.6 0.0 29.2

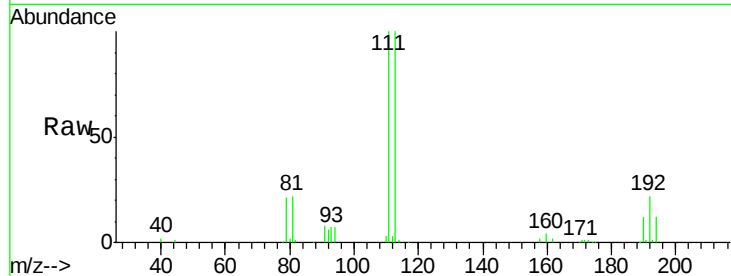




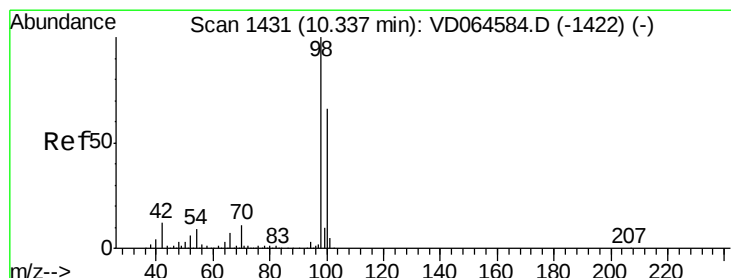
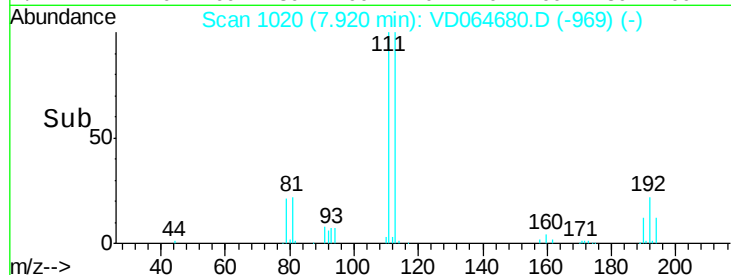
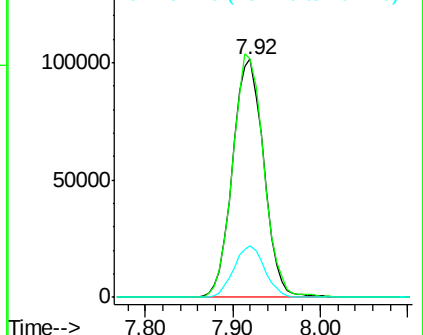
#35
Dibromofluoromethane
Concen: 50.993 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064680.D
Acq: 30 Dec 2019 16:35

Instrument :
MSVOA_D
ClientSampleId :
SB-04

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	80.6	121.0
192	21.7	17.9	26.9

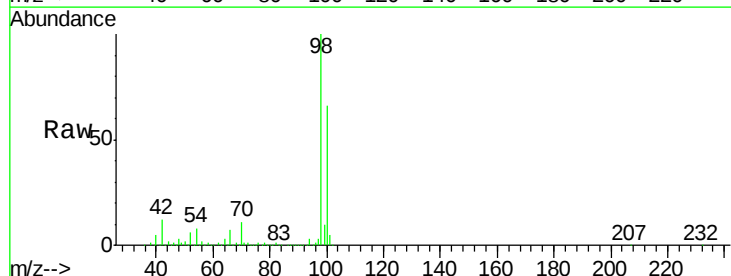


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

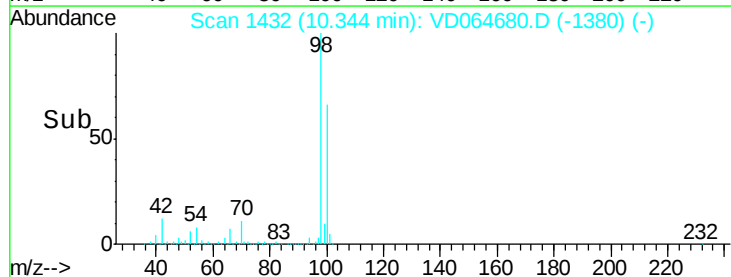
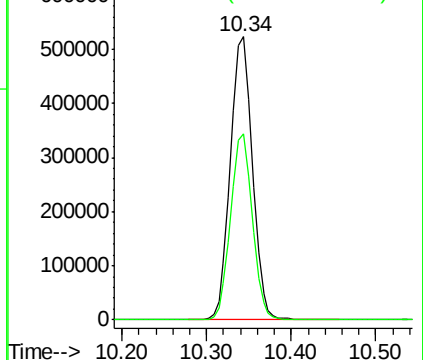


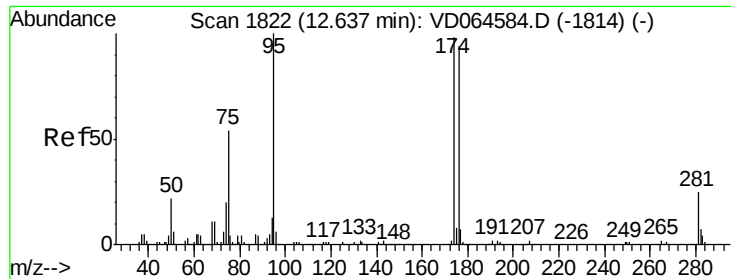
#50
Toluene-d8
Concen: 51.050 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064680.D
Acq: 30 Dec 2019 16:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.7	77.5



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

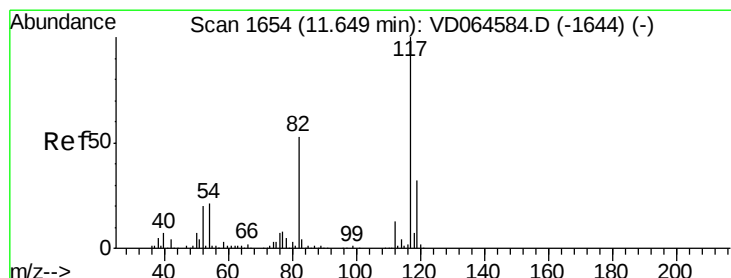
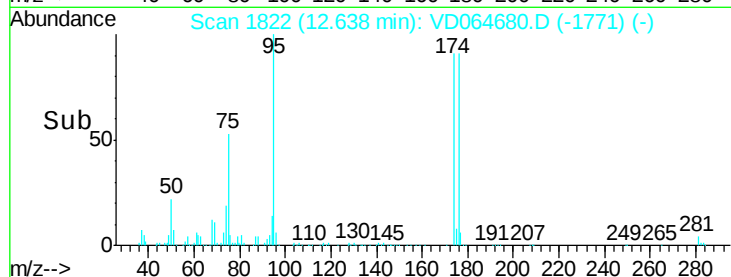
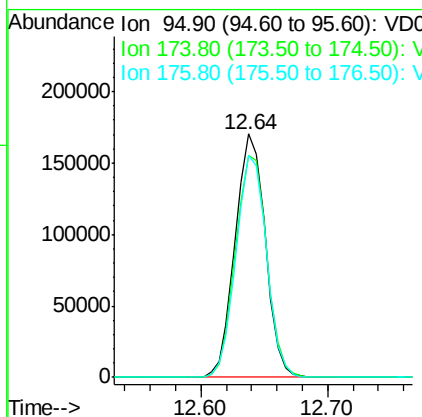
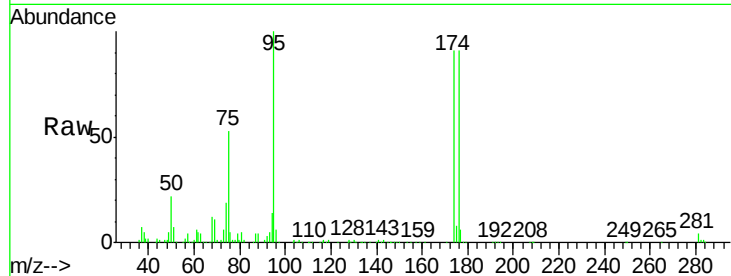




#62
4-Bromofluorobenzene
Concen: 48.118 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064680.D
Acq: 30 Dec 2019 16:35

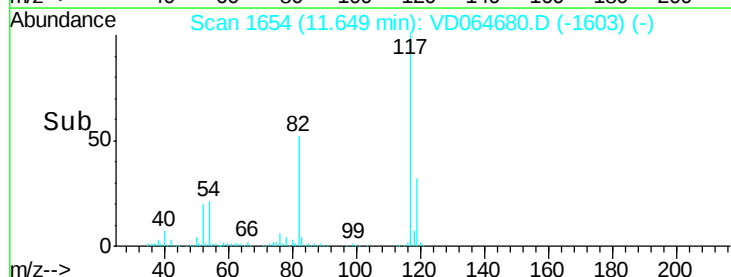
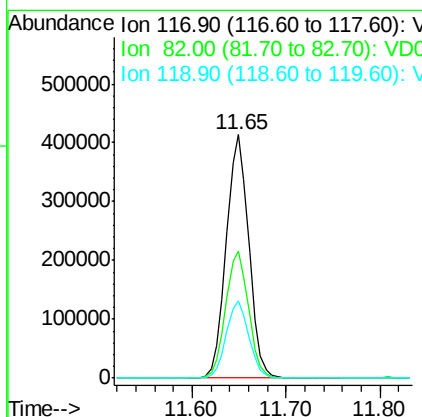
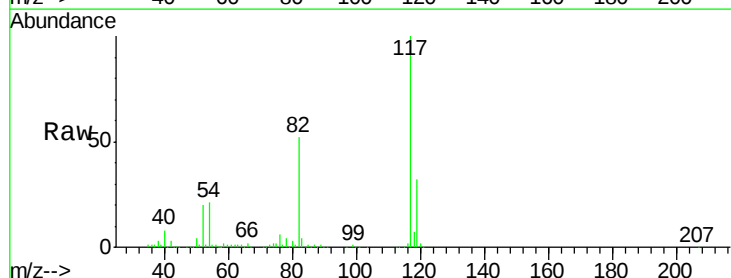
Instrument :
MSVOA_D
ClientSampled :
SB-04

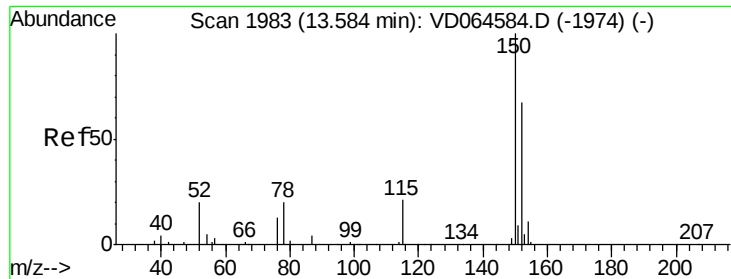
Tot Ion: 95 Resp: 280424
Ion Ratio Lower Upper
95 100
174 95.0 0.0 193.2
176 92.3 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064680.D
Acq: 30 Dec 2019 16:35

Tgt Ion: 117 Resp: 690580
Ion Ratio Lower Upper
117 100
82 52.2 42.2 63.4
119 31.5 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: VD064680.D

Acq: 30 Dec 2019 16:35

Instrument :

MSVOA_D

ClientSampleId :

SB-04

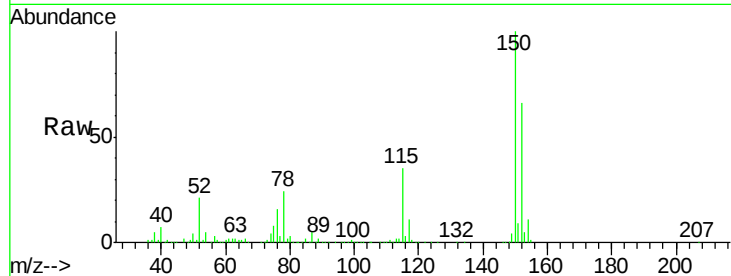
Tot Ion:152 Resp: 319724

Ion Ratio Lower Upper

152 100

115 54.4 27.8 83.4

150 156.2 0.0 351.4



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

