

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012020\
 Data File : VD064889.D
 Acq On : 20 Jan 2020 14:38
 Operator : VA/SY
 Sample : L1189-01
 Misc : 6.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1-13.5-14.0

Quant Time: Jan 21 05:33:54 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	361391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	616520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	579737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	272975	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	197906	62.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.20%	
35) Dibromofluoromethane	7.92	113	200484	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
50) Toluene-d8	10.34	98	753075	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.64	95	237695	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	

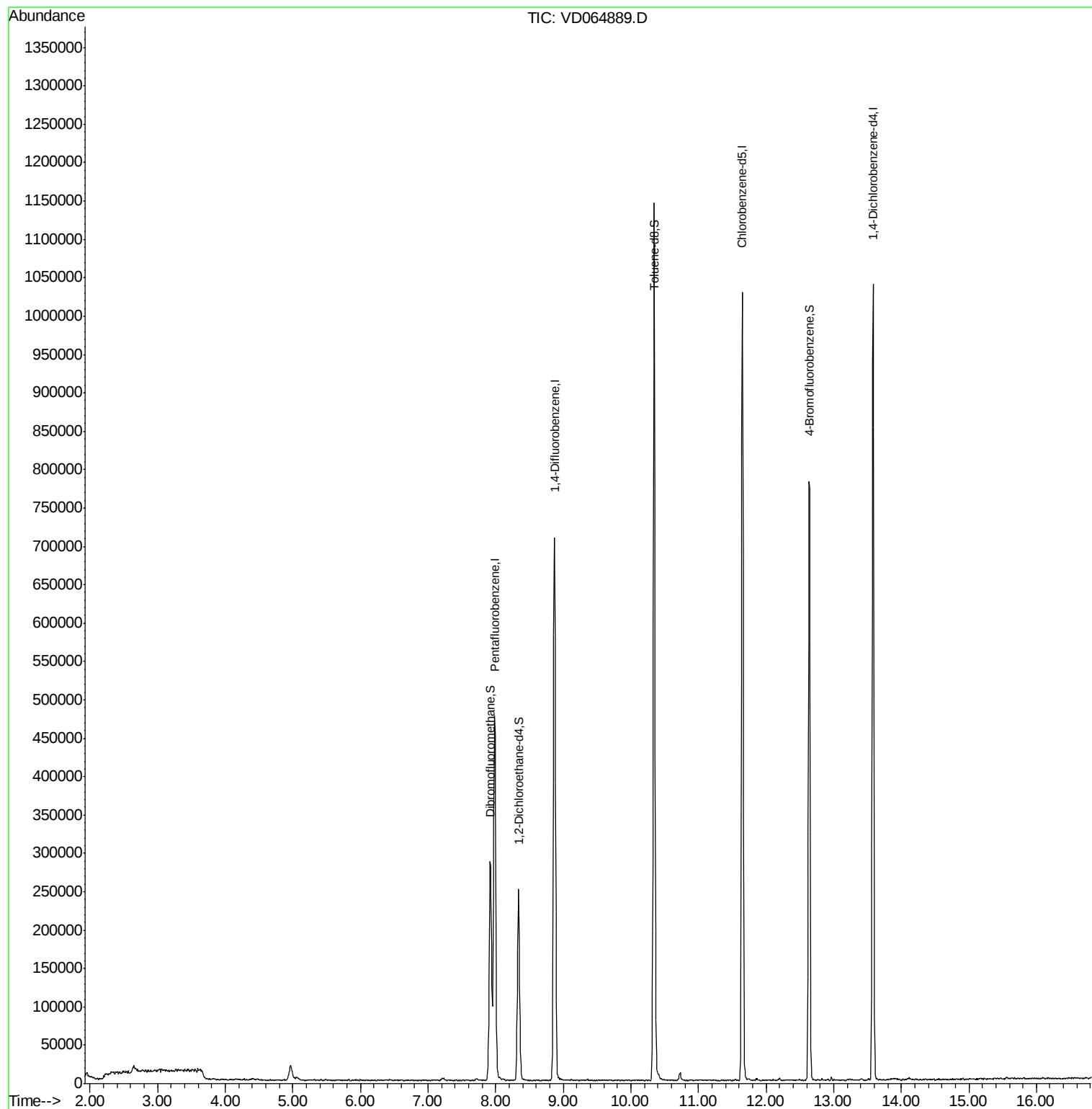
Target Compounds	Qvalue

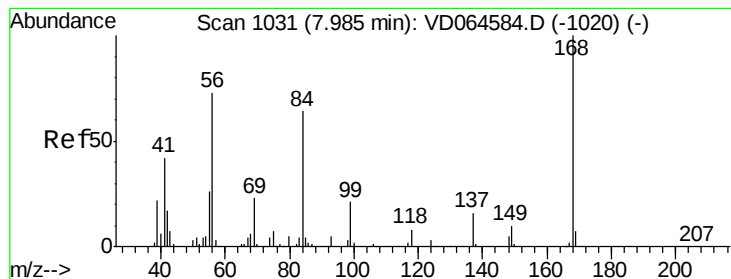
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064889.D

Acq: 20 Jan 2020 14:38

Instrument :

MSVOA_D

ClientSampleId :

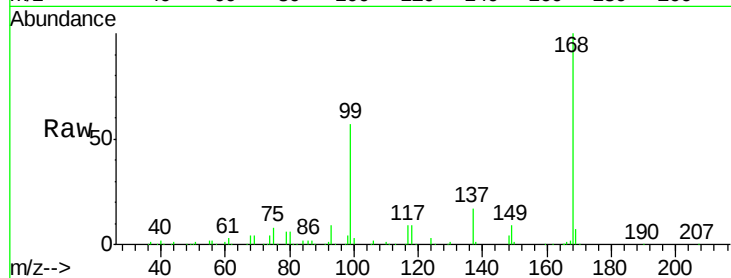
SB-1-13.5-14.0

Tot Ion:168 Resp: 361391

Ion Ratio Lower Upper

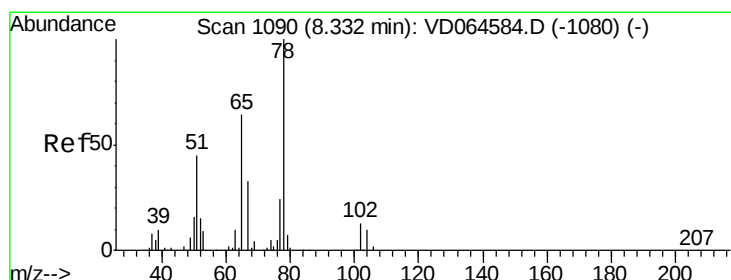
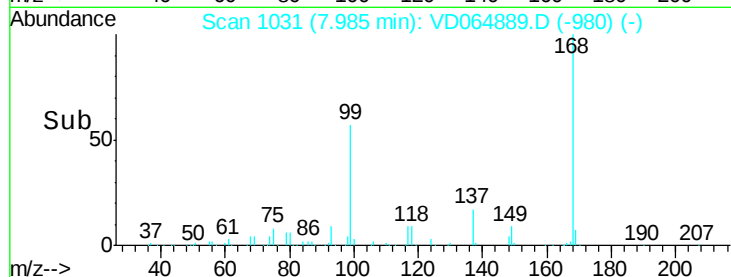
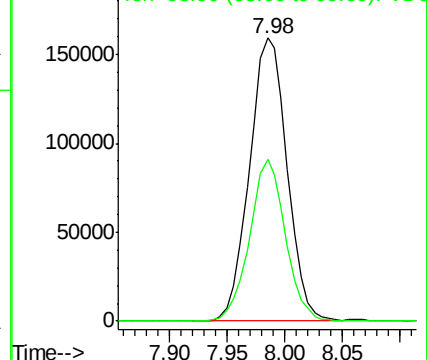
168 100

99 57.1 41.8 62.6



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: 62.104 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064889.D

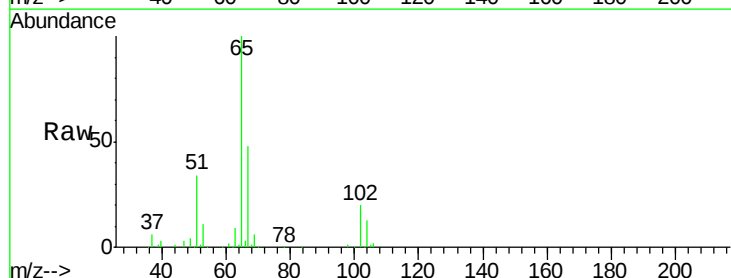
Acq: 20 Jan 2020 14:38

Tgt Ion: 65 Resp: 197906

Ion Ratio Lower Upper

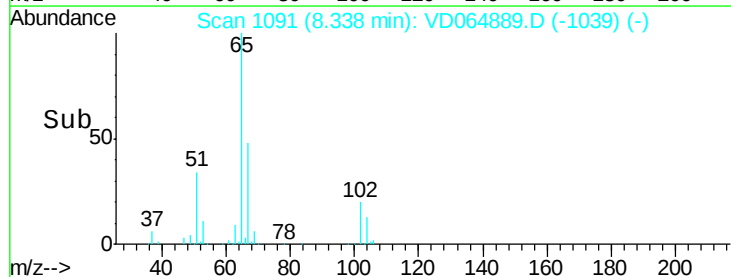
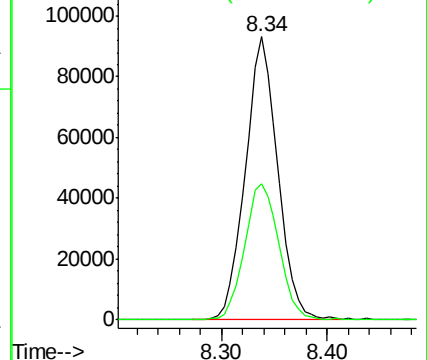
65 100

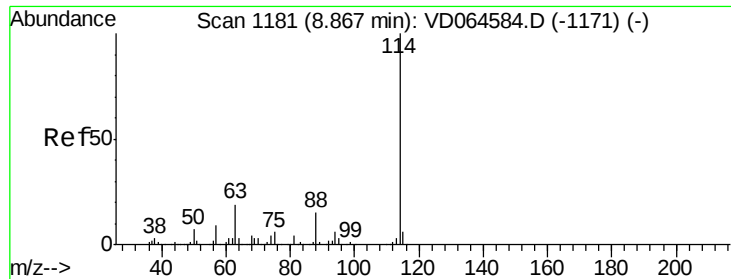
67 50.9 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

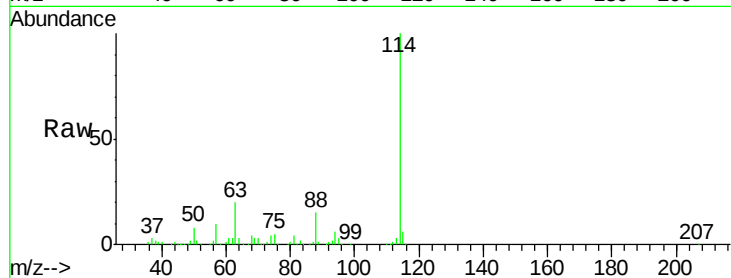




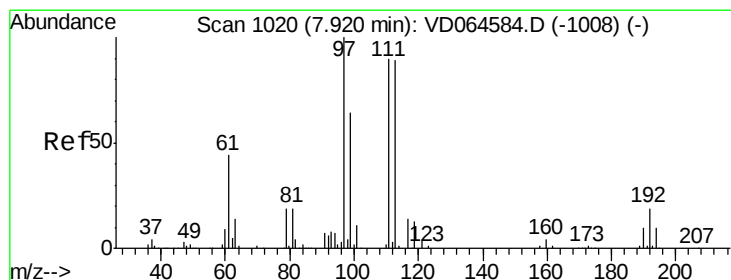
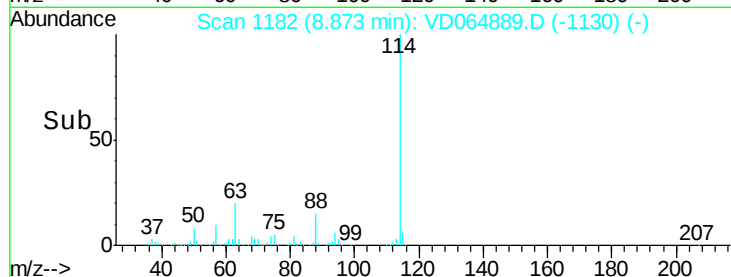
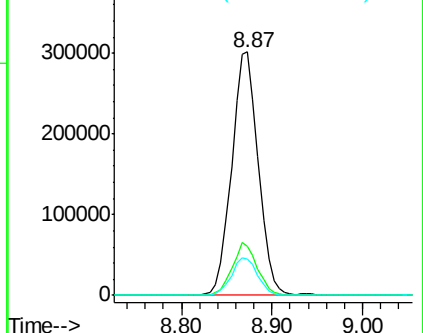
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VD064889.D
Acq: 20 Jan 2020 14:38

Instrument :
MSVOA_D
ClientSampleId :
SB-1-13.5-14.0

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	38.0
88	14.8	0.0	29.2

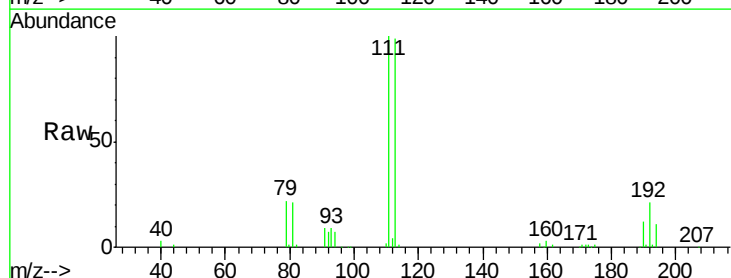


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

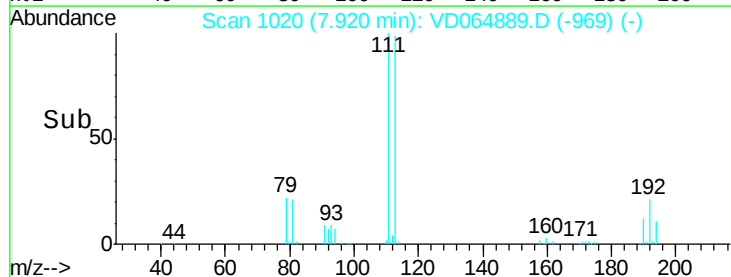
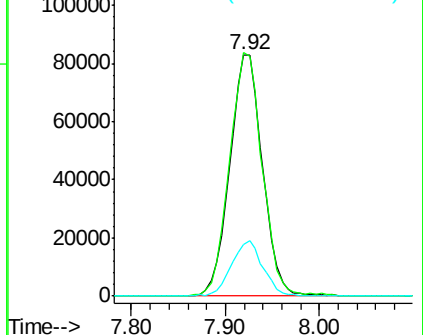


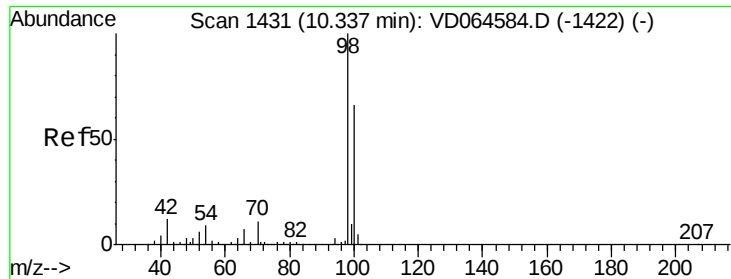
#35
Dibromofluoromethane
Concen: 53.004 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064889.D
Acq: 20 Jan 2020 14:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	80.6	121.0
192	22.0	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

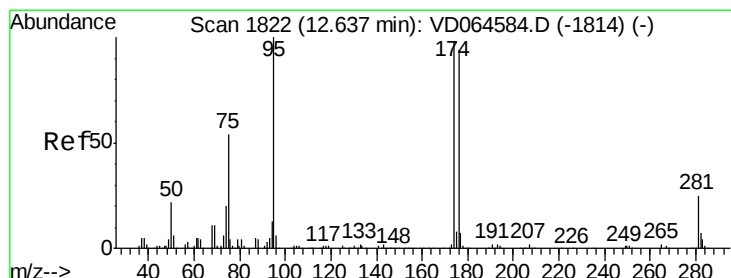
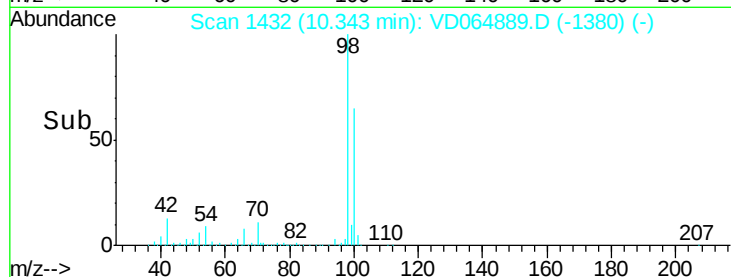
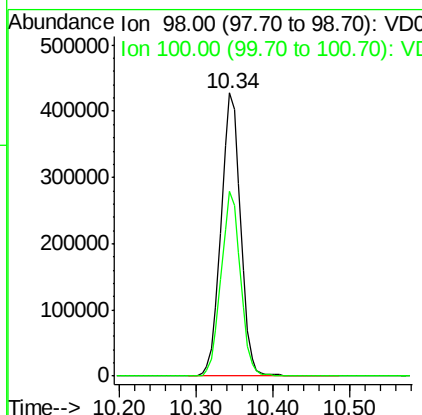
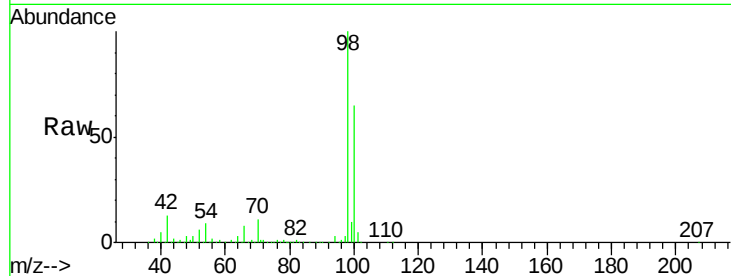




#50
Toluene-d8
Concen: 51.985 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064889.D
Acq: 20 Jan 2020 14:38

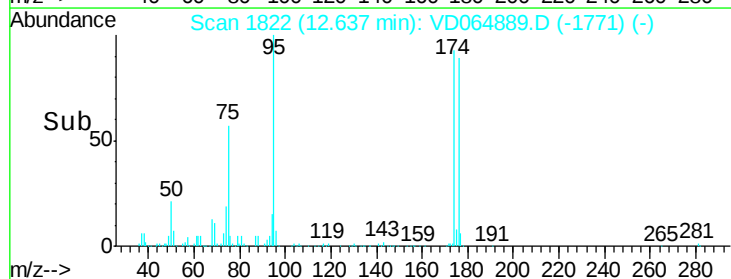
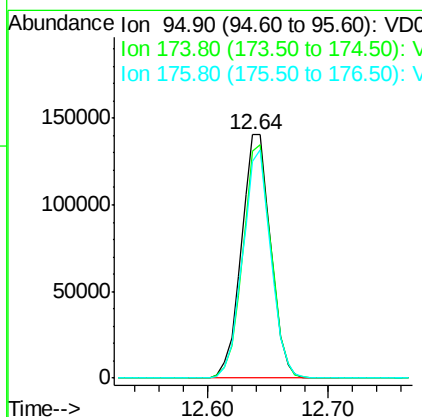
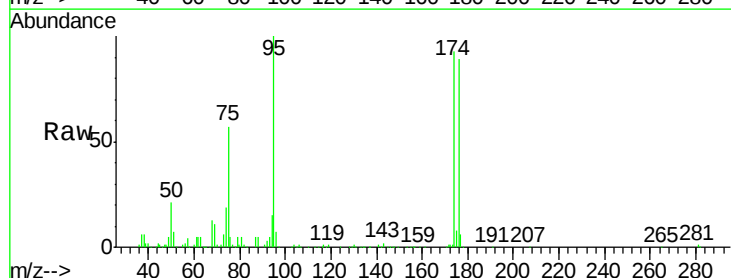
Instrument :
MSVOA_D
ClientSampleId :
SB-1-13.5-14.0

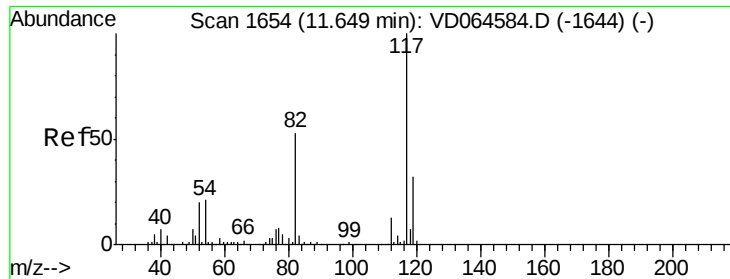
Tot Ion: 98 Resp: 753075
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 51.890 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064889.D
Acq: 20 Jan 2020 14:38

Tgt Ion: 95 Resp: 237695
Ion Ratio Lower Upper
95 100
174 92.7 0.0 193.2
176 90.0 0.0 184.2

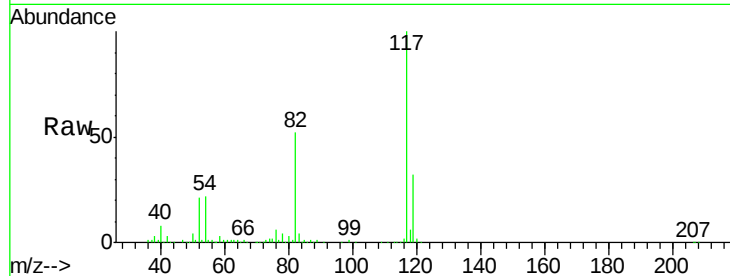




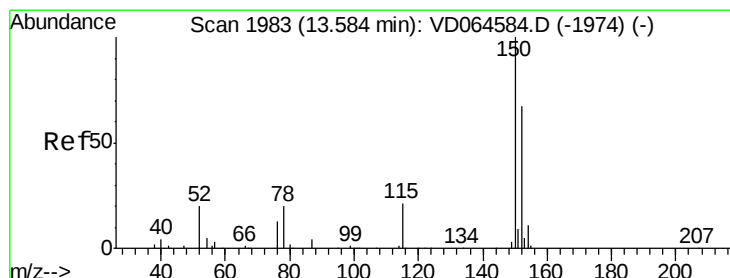
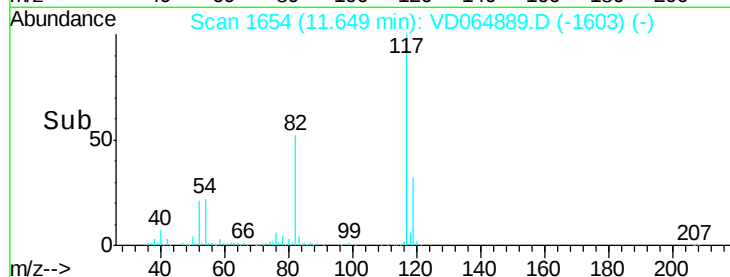
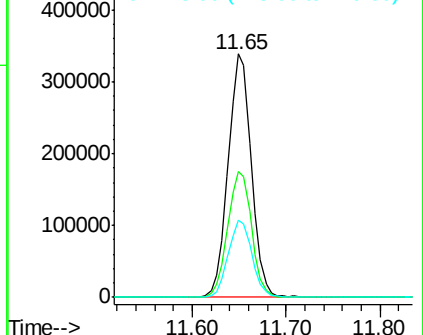
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064889.D
Acq: 20 Jan 2020 14:38

Instrument :
MSVOA_D
ClientSampleId :
SB-1-13.5-14.0

Tot Ion:117 Resp: 579737
Ion Ratio Lower Upper
117 100
82 51.7 42.2 63.4
119 31.6 26.0 39.0

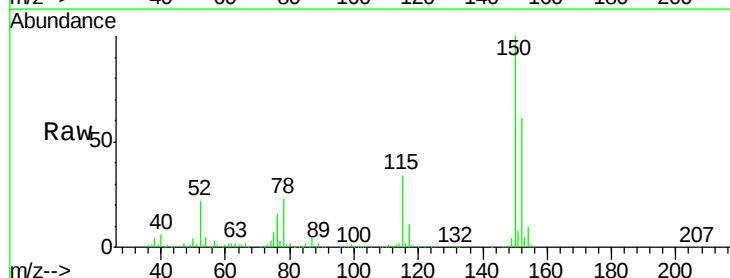


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064889.D
Acq: 20 Jan 2020 14:38

Tgt Ion:152 Resp: 272975
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.4
150 157.2 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

