

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110420\
 Data File : VD067530.D
 Acq On : 04 Nov 2020 19:45
 Operator : VA/SY
 Sample : L4623-02
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Nov 05 01:43:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	296038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	476785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	476309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	233380	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	141924	54.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.66%	
35) Dibromofluoromethane	7.92	113	152075	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
50) Toluene-d8	10.34	98	558145	55.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.58%	
62) 4-Bromofluorobenzene	12.64	95	198851	57.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.10%	

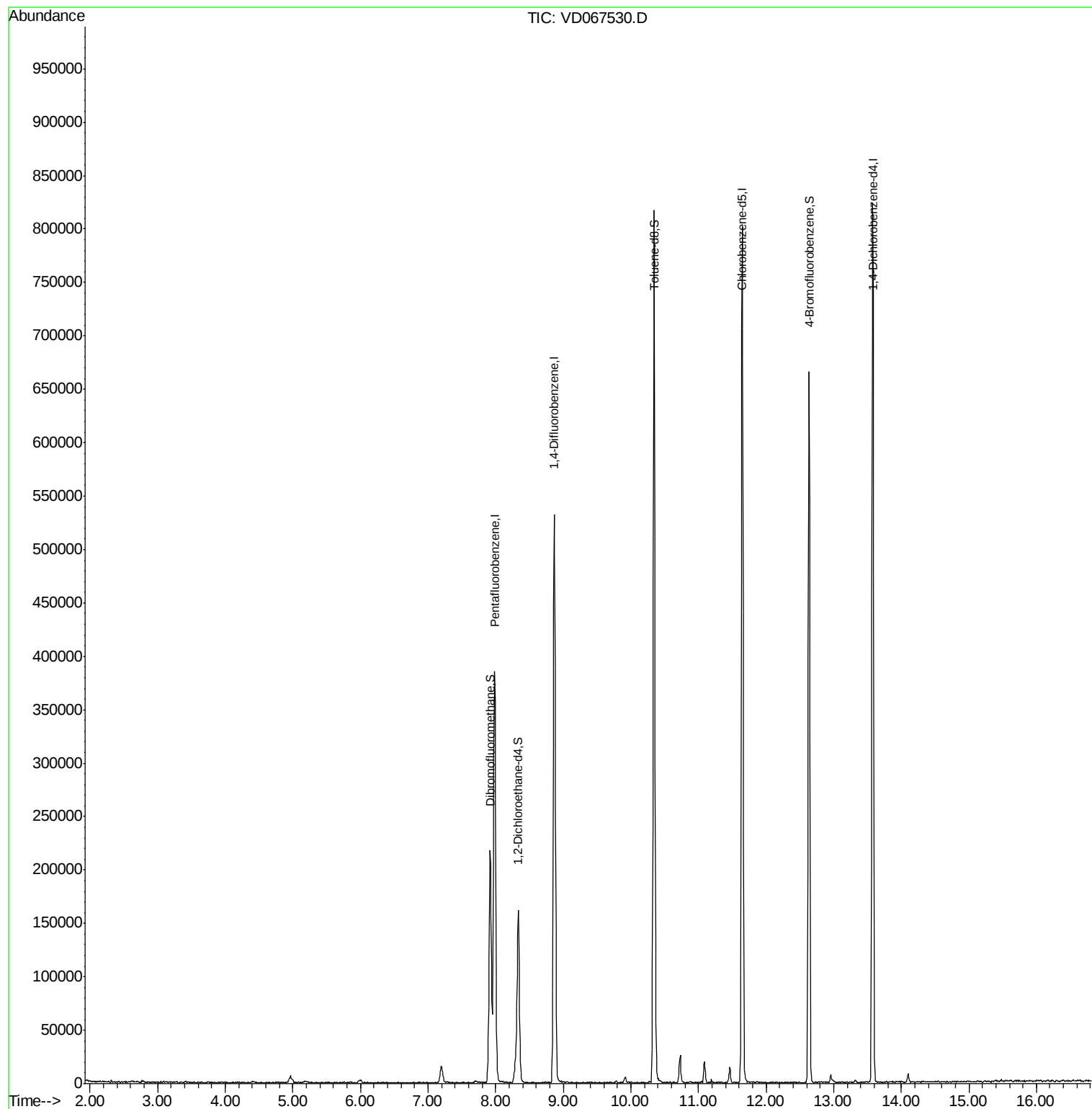
Target Compounds	Qvalue

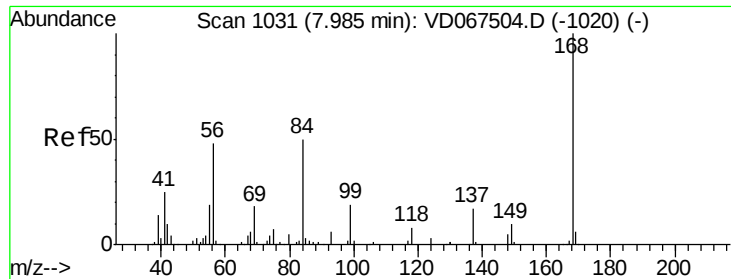
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067530.D

Acq: 04 Nov 2020 19:45

Instrument :

MSVOA_D

ClientSampled :

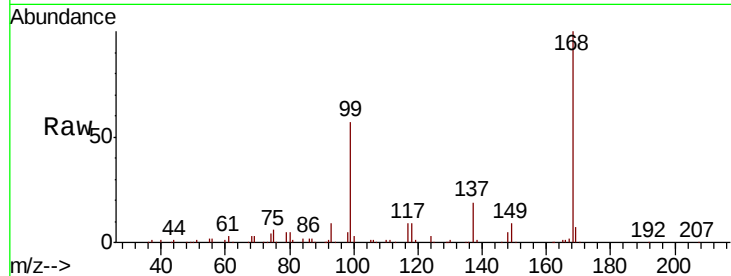
VOC

Tot Ion:168 Resp: 296038

Ion Ratio Lower Upper

168 100

99 57.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

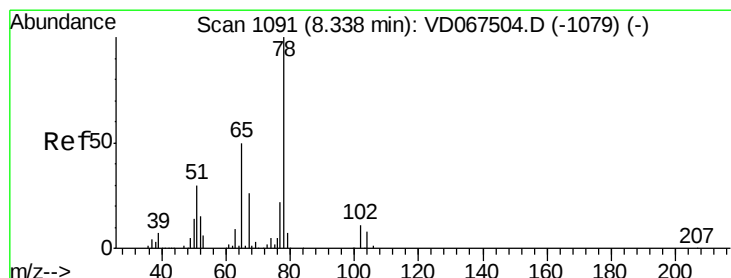
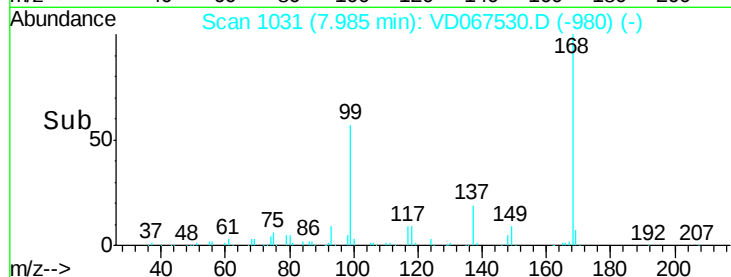
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.828 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067530.D

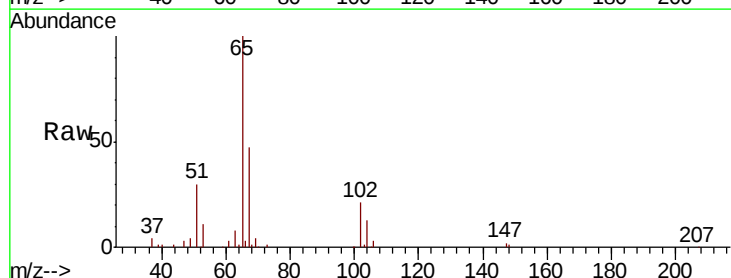
Acq: 04 Nov 2020 19:45

Tgt Ion: 65 Resp: 141924

Ion Ratio Lower Upper

65 100

67 48.7 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

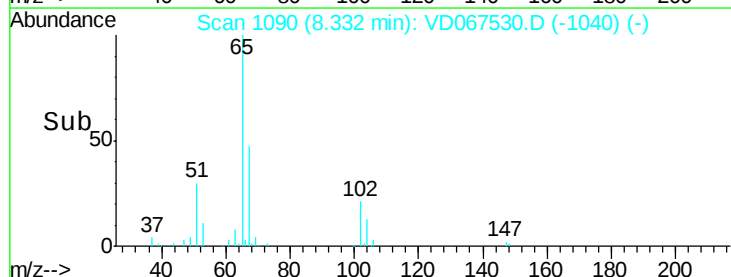
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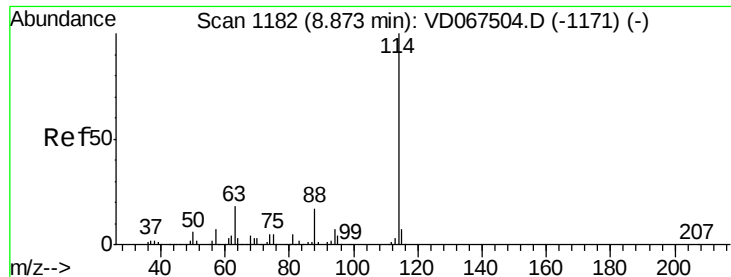
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20000

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Time-->

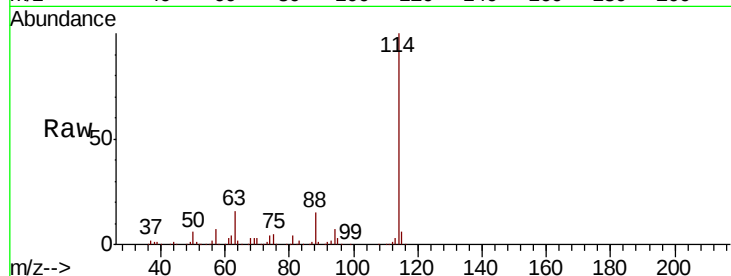




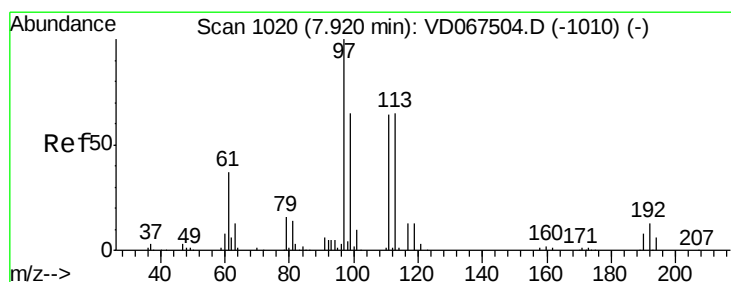
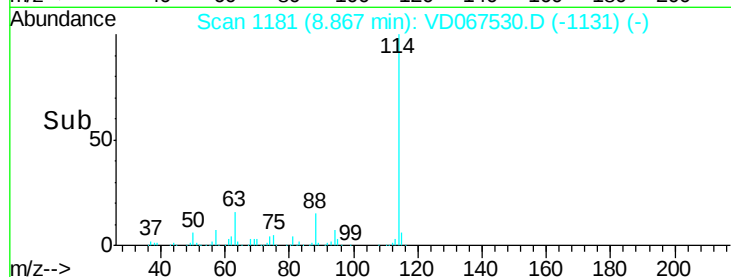
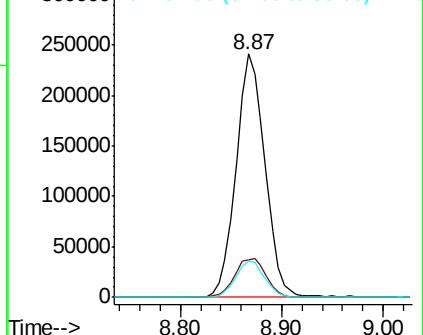
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD067530.D
Acq: 04 Nov 2020 19:45

Instrument :
MSVOA_D
ClientSampleId :
VOC

Tot Ion:114 Resp: 476785
Ion Ratio Lower Upper
114 100
63 15.6 0.0 35.0
88 14.8 0.0 33.0

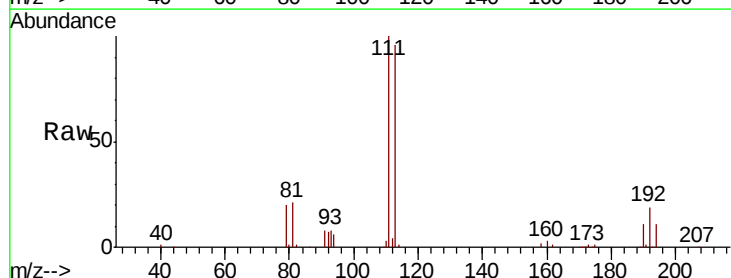


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VDC
Ion 87.90 (87.60 to 88.60): VDC

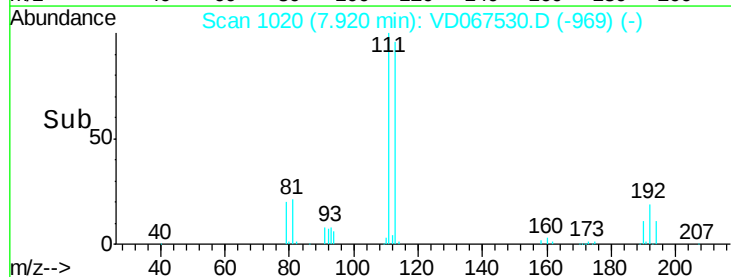
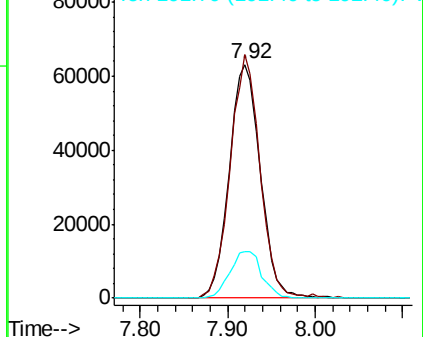


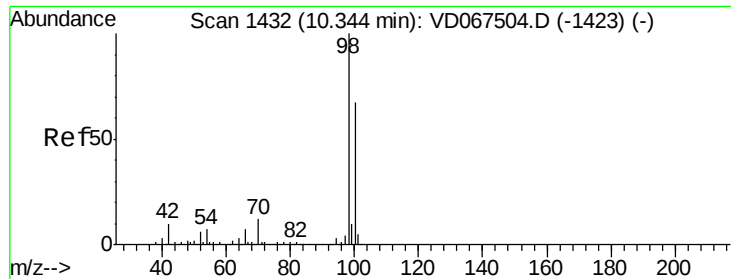
#35
Dibromofluoromethane
Concen: 52.940 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD067530.D
Acq: 04 Nov 2020 19:45

Tgt Ion:113 Resp: 152075
Ion Ratio Lower Upper
113 100
111 99.3 80.0 120.0
192 20.3 16.3 24.5



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

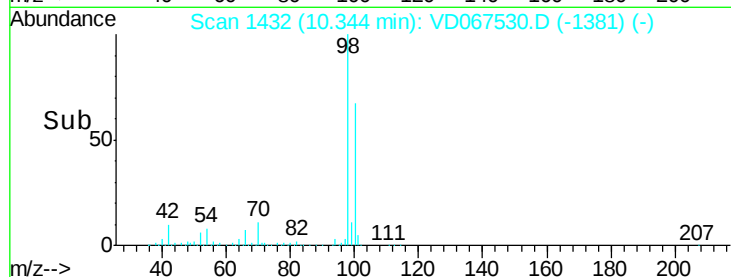
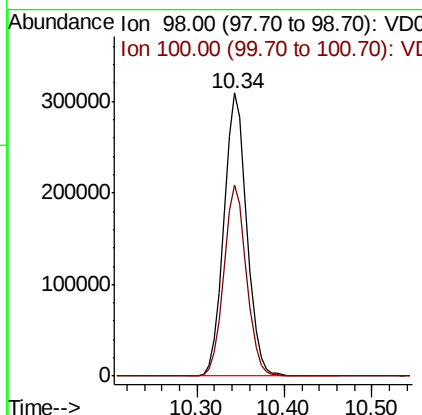
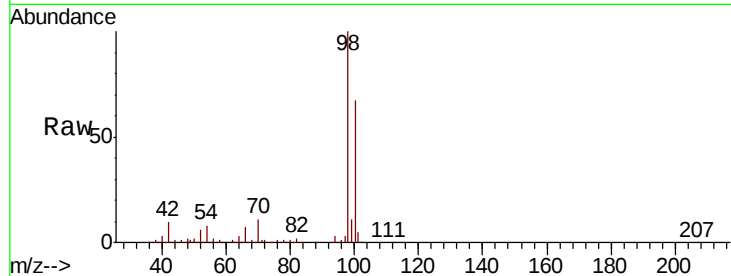




#50
Toluene-d8
Concen: 55.289 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067530.D
Acq: 04 Nov 2020 19:45

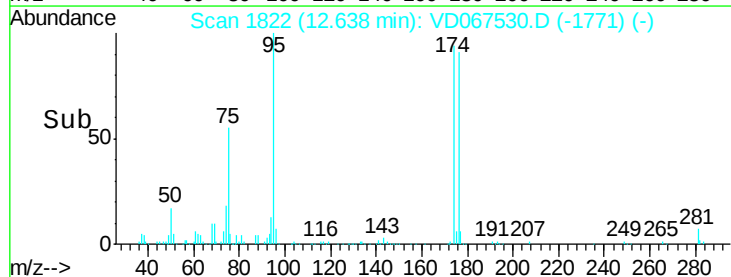
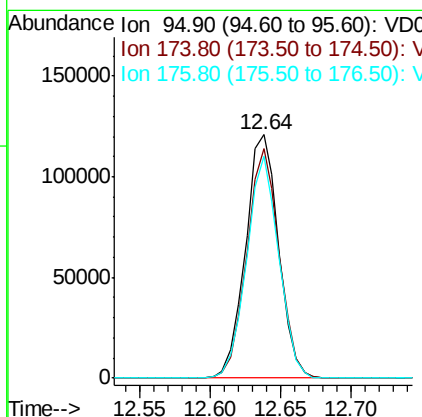
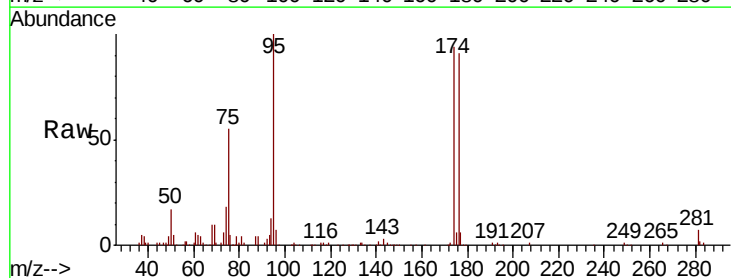
Instrument :
MSVOA_D
ClientSampleId :
VOC

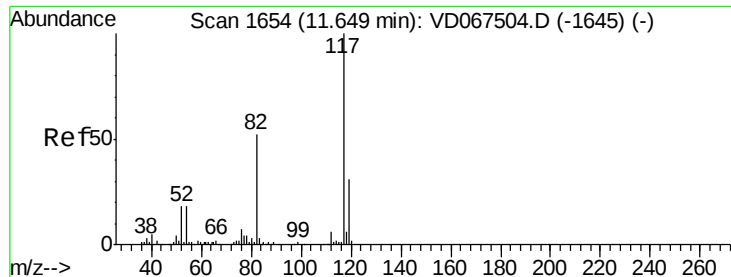
Tot Ion: 98 Resp: 558145
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 57.055 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067530.D
Acq: 04 Nov 2020 19:45

Tgt Ion: 95 Resp: 198851
Ion Ratio Lower Upper
95 100
174 92.0 0.0 177.8
176 88.3 0.0 172.0

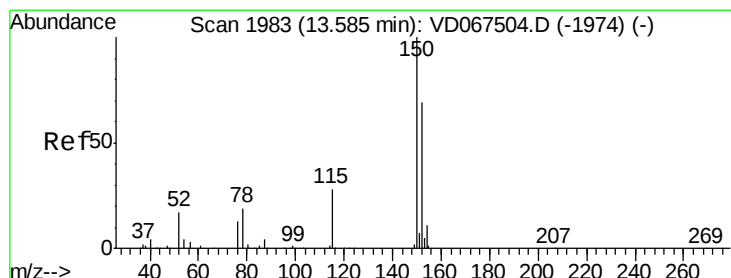
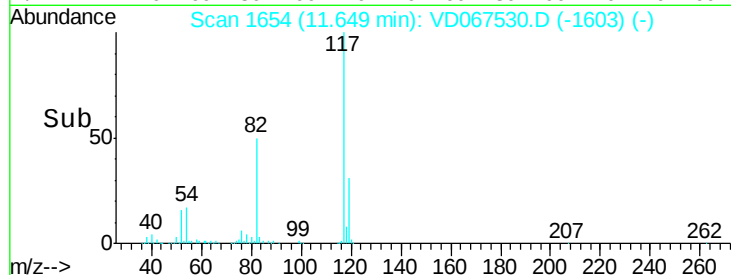
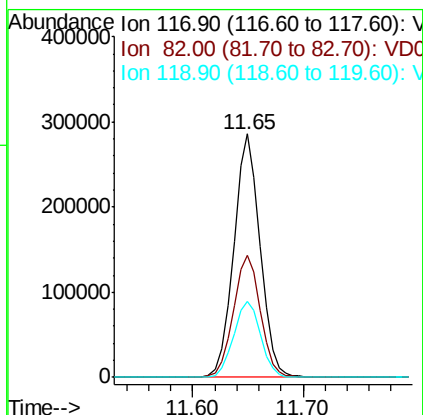
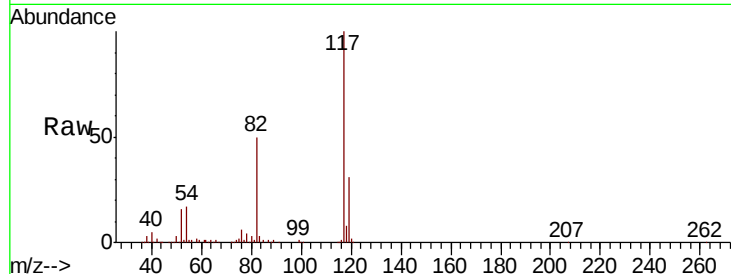




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067530.D
Acq: 04 Nov 2020 19:45

Instrument :
MSVOA_D
ClientSampleId :
VOC

Tot Ion:117 Resp: 476309
Ion Ratio Lower Upper
117 100
82 50.3 41.6 62.4
119 31.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067530.D
Acq: 04 Nov 2020 19:45

Tgt Ion:152 Resp: 233380
Ion Ratio Lower Upper
152 100
115 57.7 29.3 88.0
150 156.2 0.0 338.2

