

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102820\
 Data File : VD067440.D
 Acq On : 28 Oct 2020 18:19
 Operator : VA/SY
 Sample : L4530-03
 Misc : 5.42G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124021

Quant Time: Oct 29 01:22:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	315811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	505211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	514158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	250667	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	168570	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
35) Dibromofluoromethane	7.92	113	166430	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	10.34	98	596001	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.64	95	218538	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	

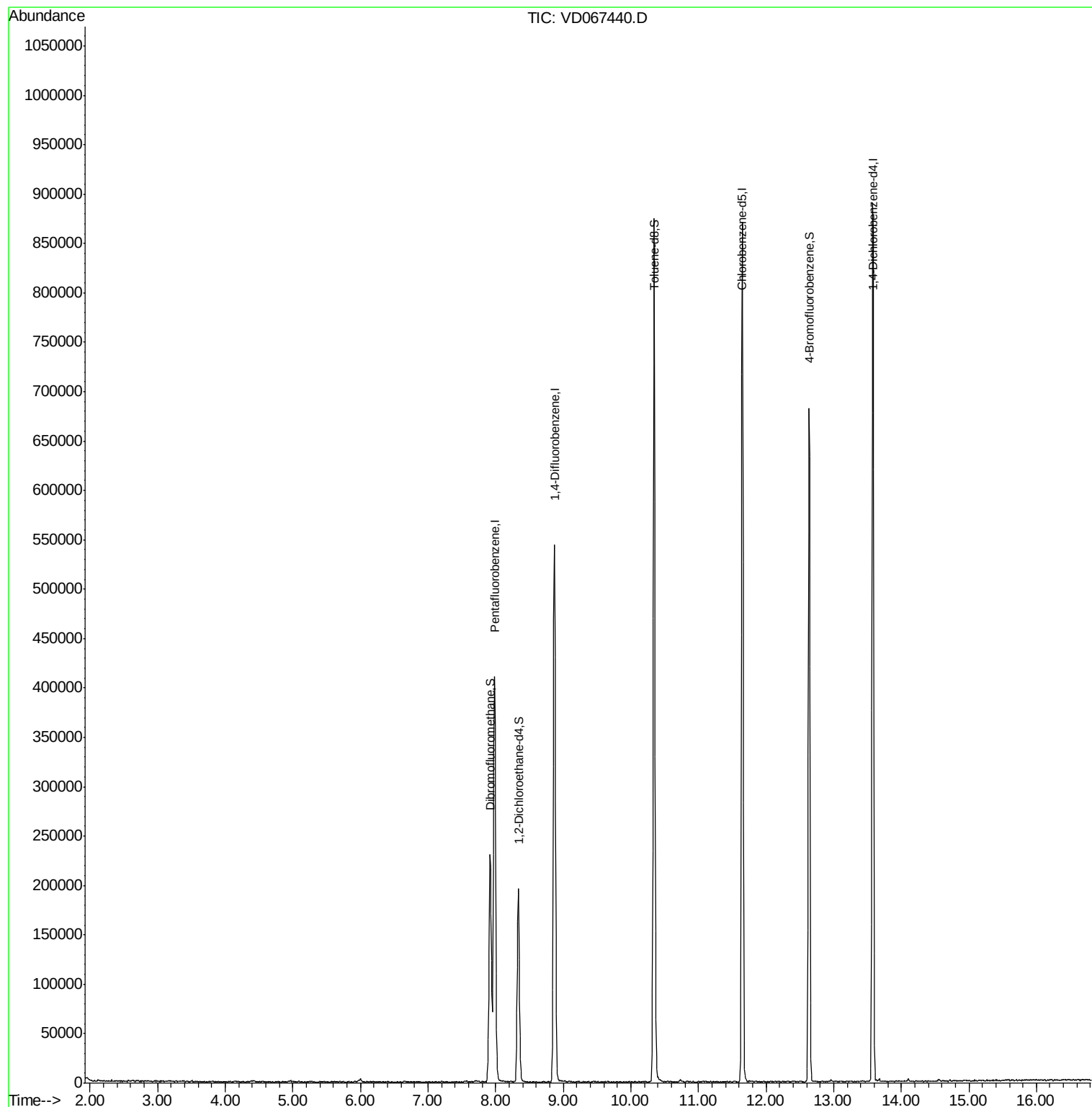
Target Compounds	Qvalue

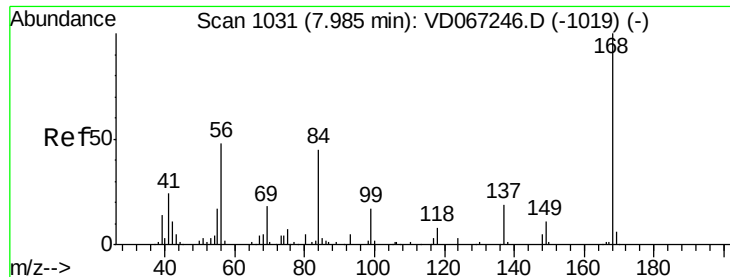
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067440.D

Acq: 28 Oct 2020 18:19

Instrument :

MSVOA_D

ClientSampleId :

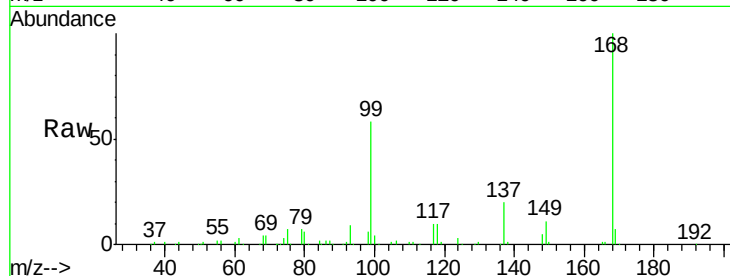
124021

Tot Ion:168 Resp: 315811

Ion Ratio Lower Upper

168 100

99 57.8 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

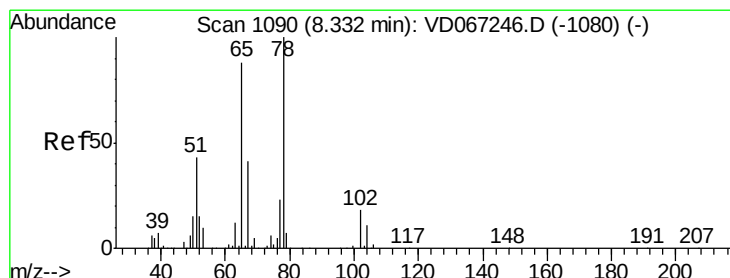
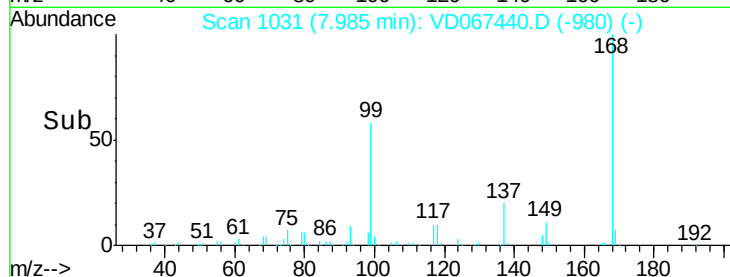
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.278 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067440.D

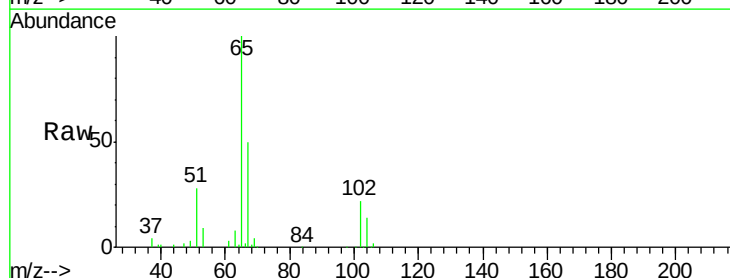
Acq: 28 Oct 2020 18:19

Tgt Ion: 65 Resp: 168570

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

80000

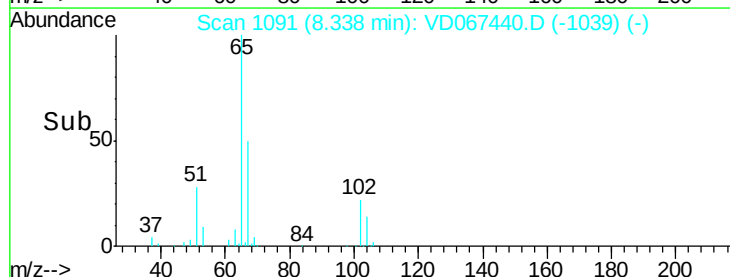
60000

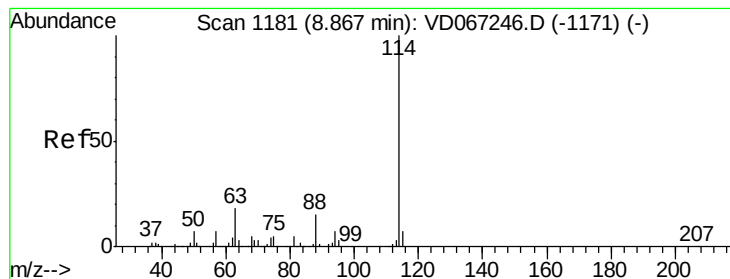
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD067440.D

Acq: 28 Oct 2020 18:19

Instrument :

MSVOA_D

ClientSampleId :

124021

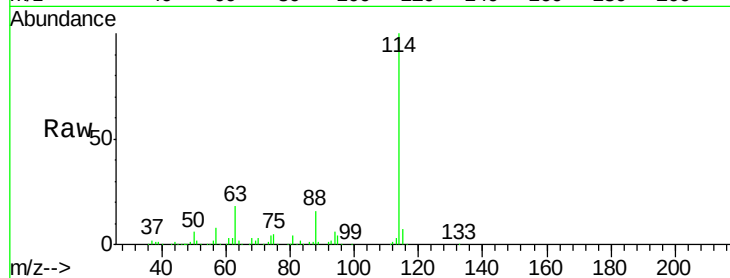
Tot Ion:114 Resp: 505211

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

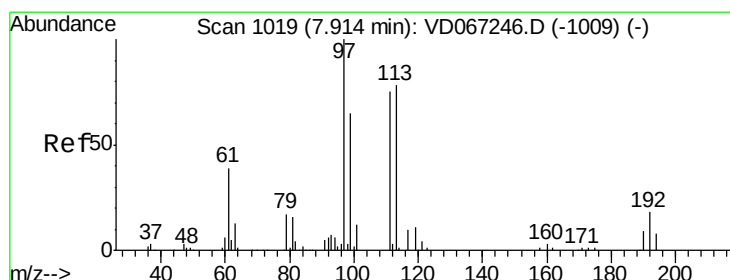
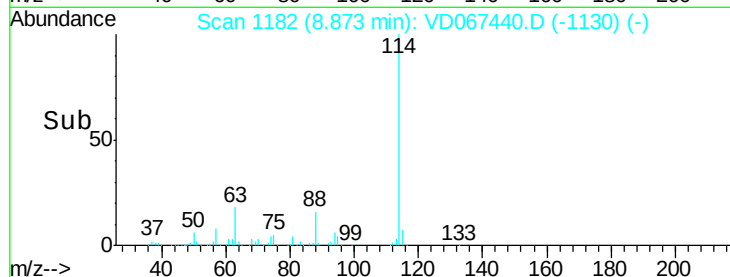
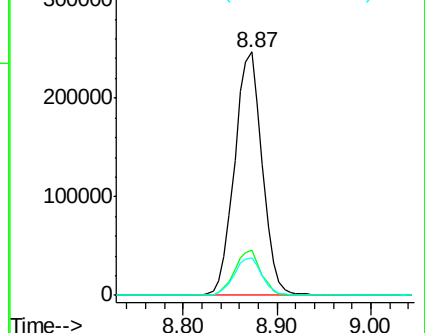
88 15.5 0.0 30.6



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: 49.501 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067440.D

Acq: 28 Oct 2020 18:19

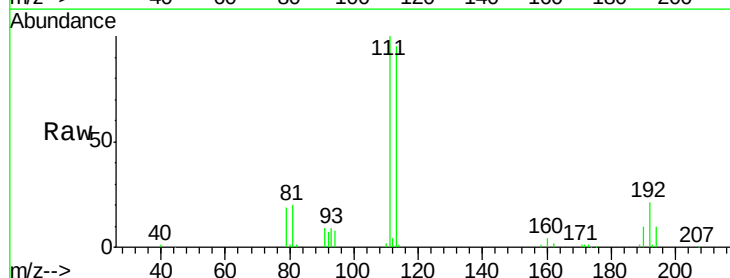
Tgt Ion:113 Resp: 166430

Ion Ratio Lower Upper

113 100

111 103.5 81.6 122.4

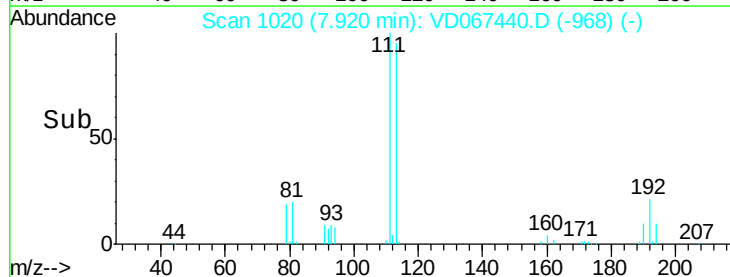
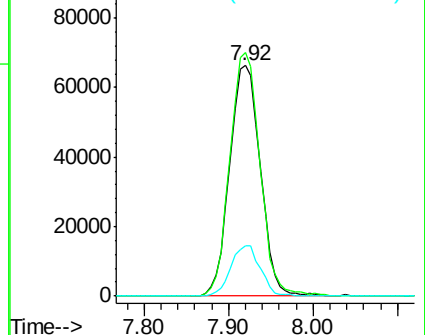
192 21.1 17.0 25.4

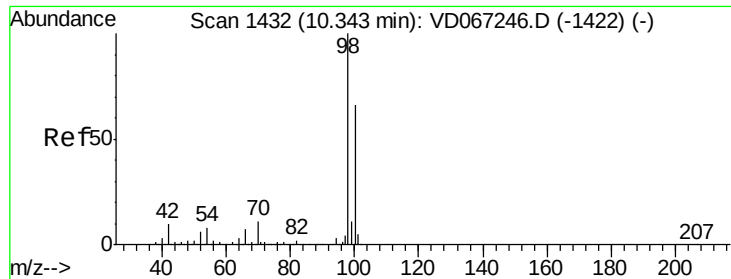


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

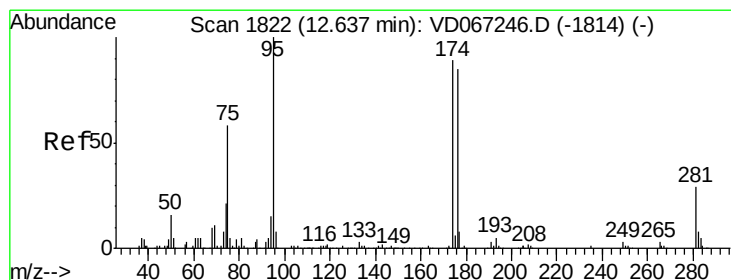
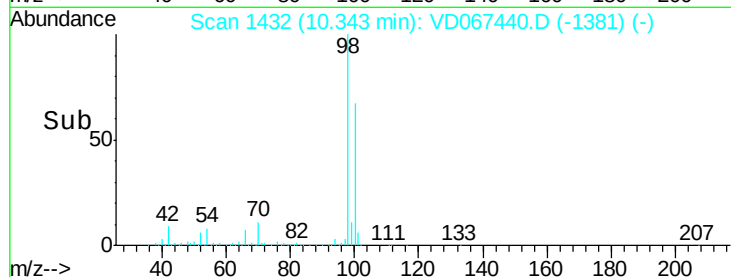
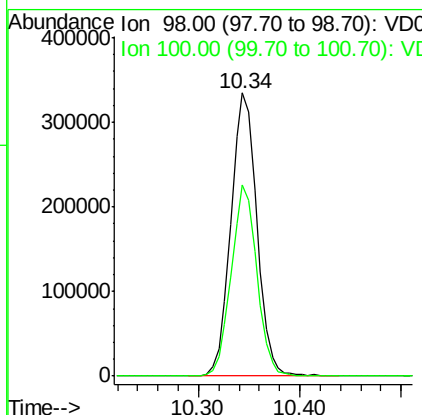
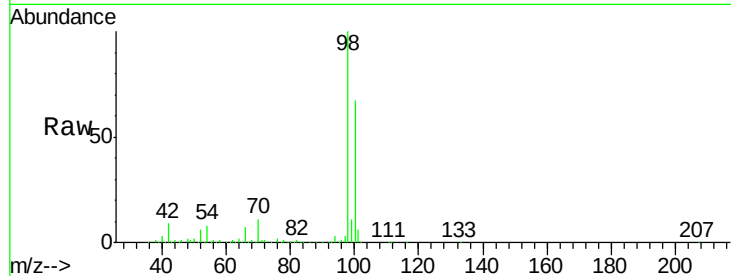




#50
Toluene-d8
Concen: 48.983 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067440.D
Acq: 28 Oct 2020 18:19

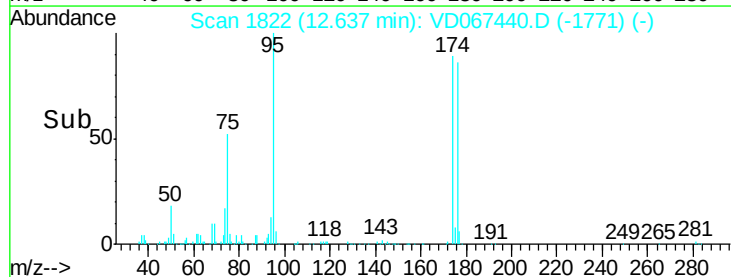
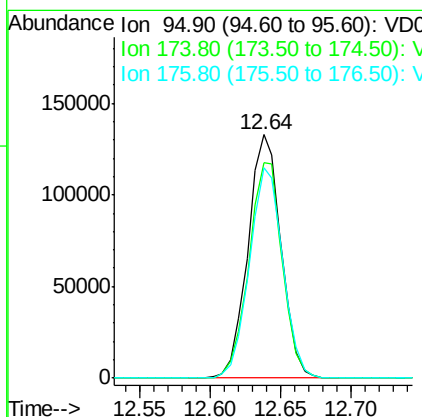
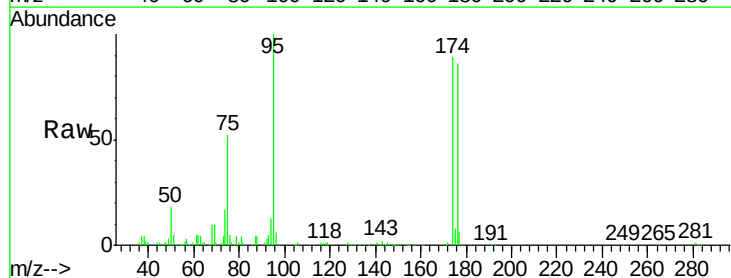
Instrument :
MSVOA_D
ClientSampleId :
124021

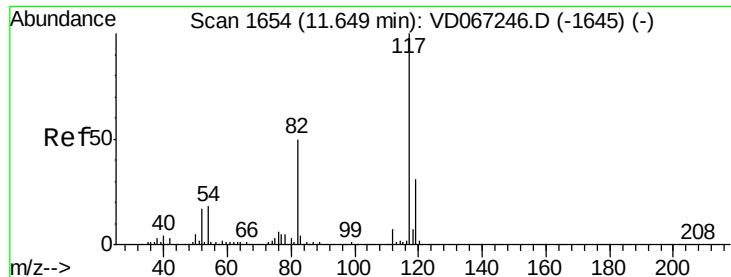
Tot Ion: 98 Resp: 596001
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.653 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067440.D
Acq: 28 Oct 2020 18:19

Tgt Ion: 95 Resp: 218538
Ion Ratio Lower Upper
95 100
174 89.7 0.0 175.2
176 87.2 0.0 168.6

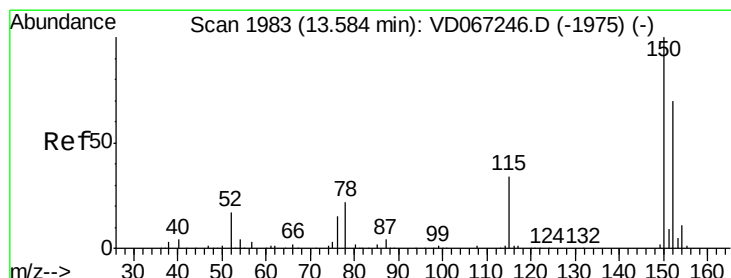
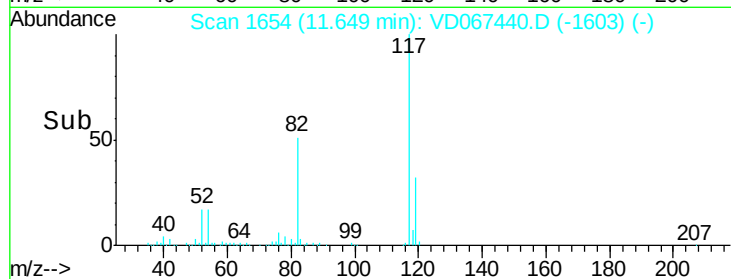
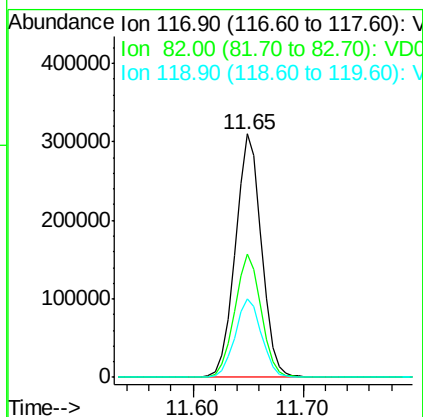
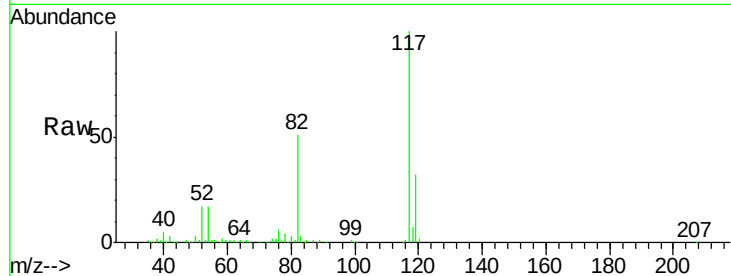




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067440.D
Acq: 28 Oct 2020 18:19

Instrument :
MSVOA_D
ClientSampleId :
124021

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	39.9	59.9
119	32.3	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067440.D
Acq: 28 Oct 2020 18:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.3	87.9
150	159.7	0.0	339.0

