

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102320\
 Data File : VD067380.D
 Acq On : 23 Oct 2020 14:20
 Operator : VA/SY
 Sample : L4501-03
 Misc : 6.18G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-3

Quant Time: Oct 24 07:44:44 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	320567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	514660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	504717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	256185	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	159660	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
35) Dibromofluoromethane	7.92	113	164965	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
50) Toluene-d8	10.34	98	617117	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.64	95	223342	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	

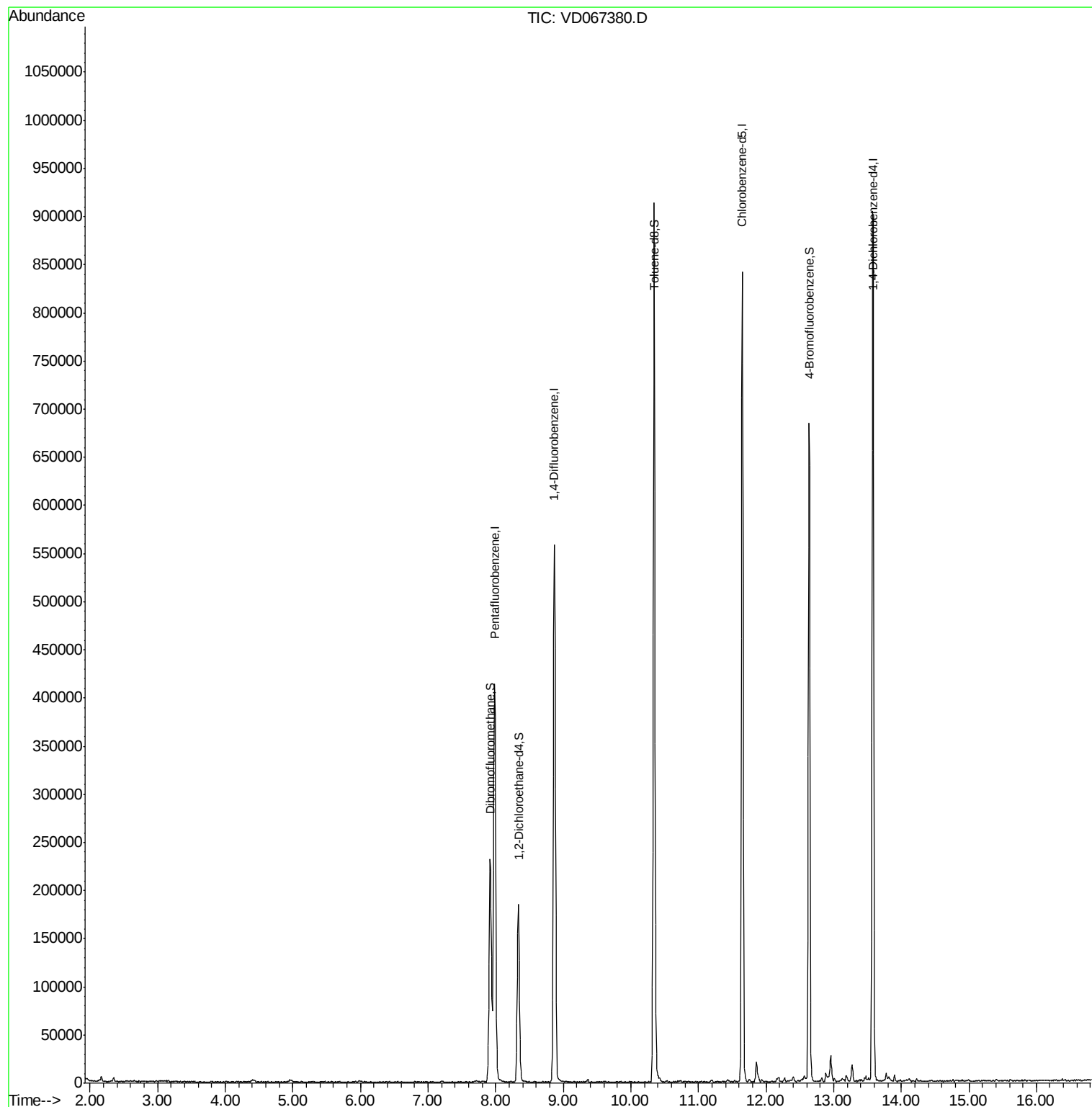
Target Compounds	Qvalue

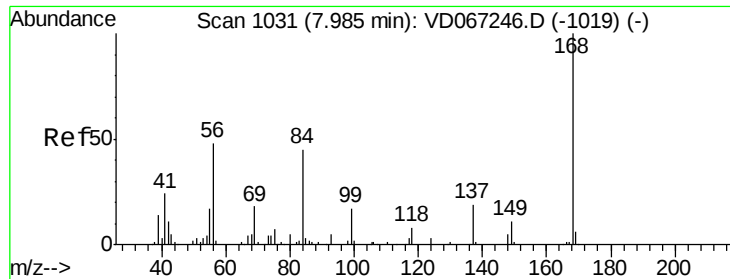
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102320\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067380.D

Acq: 23 Oct 2020 14:20

Instrument :

MSVOA_D

ClientSampleId :

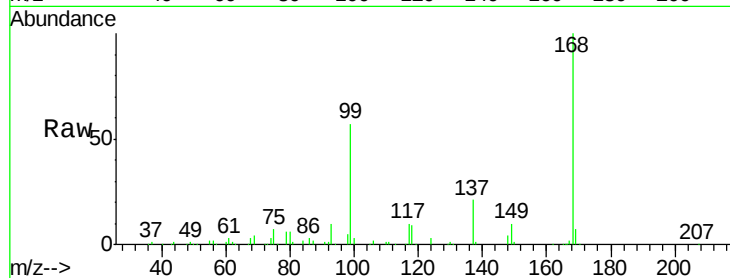
COMP-3

Tot Ion:168 Resp: 320567

Ion Ratio Lower Upper

168 100

99 56.6 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

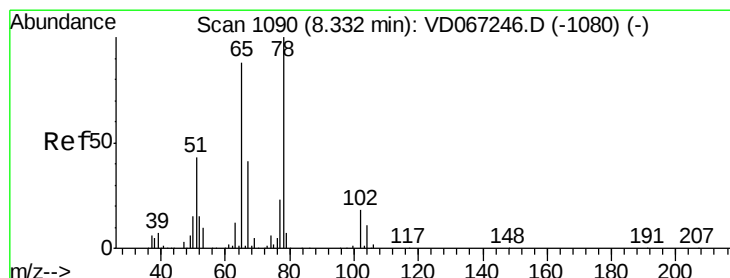
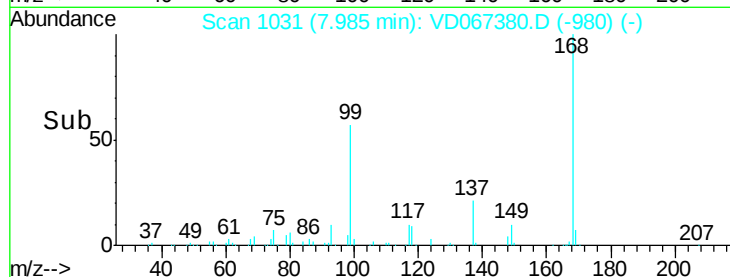
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.714 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067380.D

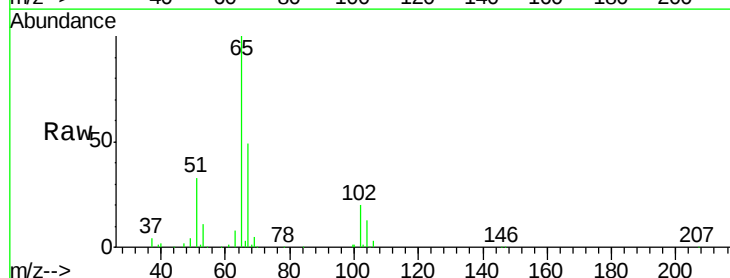
Acq: 23 Oct 2020 14:20

Tgt Ion: 65 Resp: 159660

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

80000

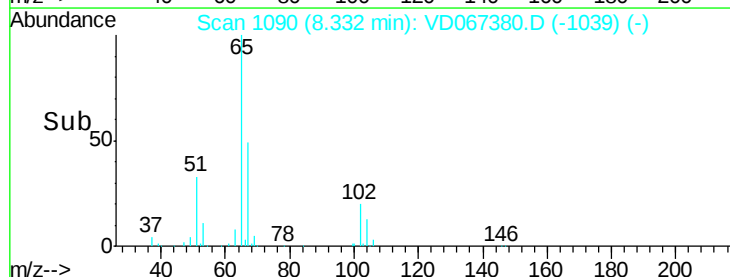
60000

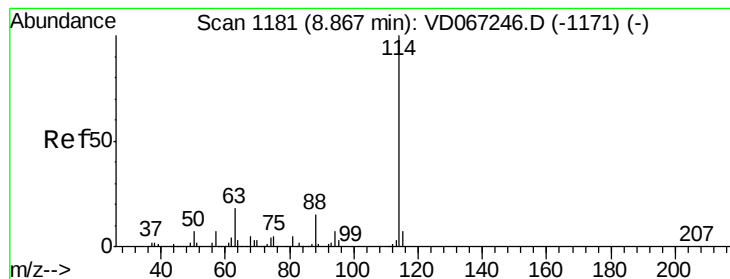
40000

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: VD067380.D

Acq: 23 Oct 2020 14:20

Instrument :

MSVOA_D

ClientSampleId :

COMP-3

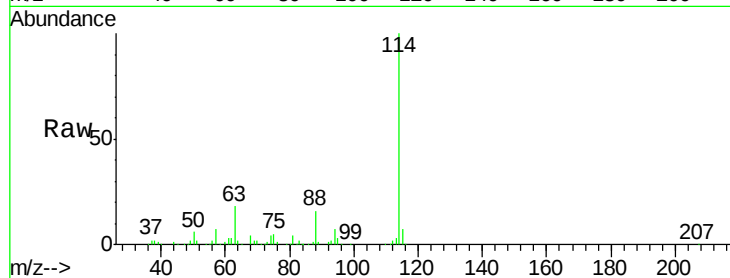
Tot Ion:114 Resp: 514660

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

88 16.0 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

300000

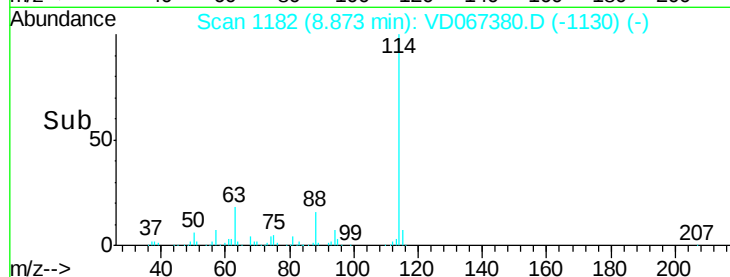
200000

100000

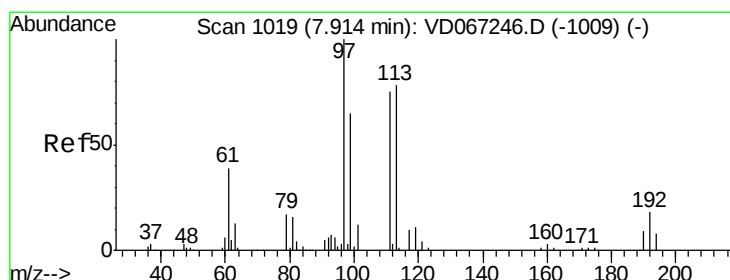
0

8.87

8.80 8.90 9.00



Time-->



#35

Dibromofluoromethane

Concen: 48.164 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067380.D

Acq: 23 Oct 2020 14:20

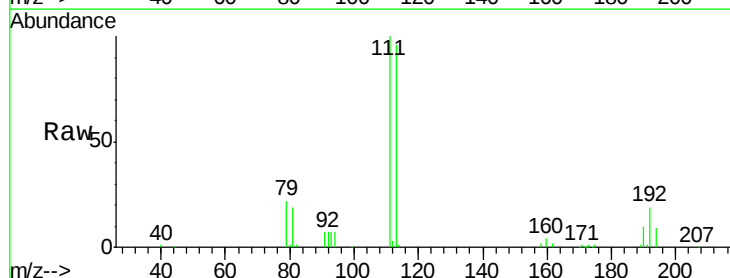
Tgt Ion:113 Resp: 164965

Ion Ratio Lower Upper

113 100

111 103.0 81.6 122.4

192 20.6 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

100000

80000

60000

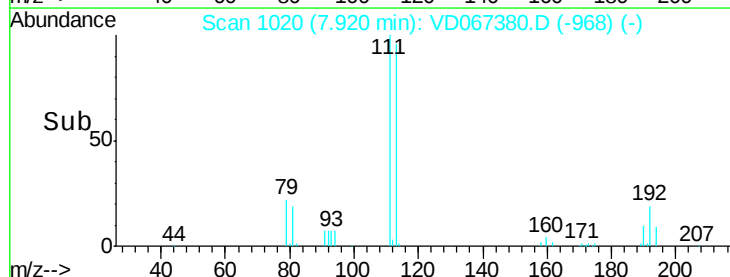
40000

20000

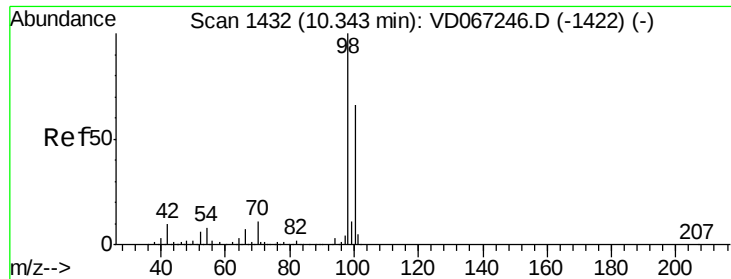
0

7.92

7.80 7.85 7.90 7.95 8.00



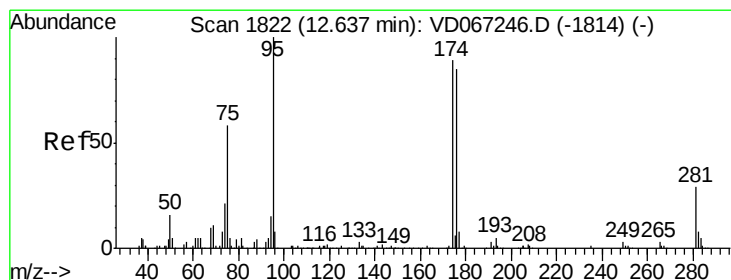
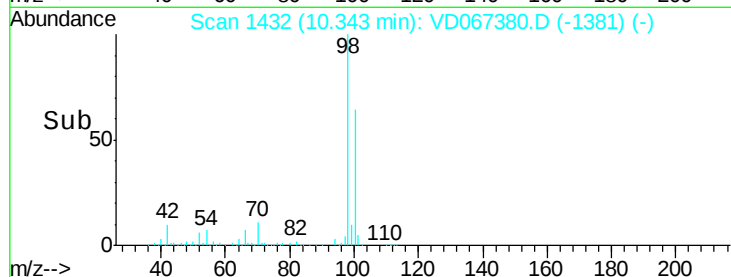
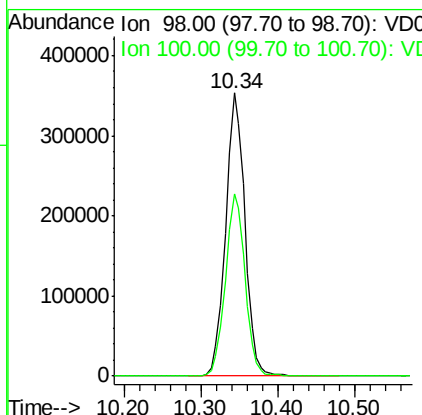
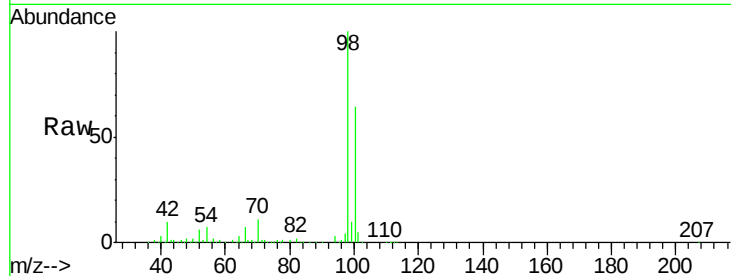
Time-->



#50
Toluene-d8
Concen: 49.787 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067380.D
Acq: 23 Oct 2020 14:20

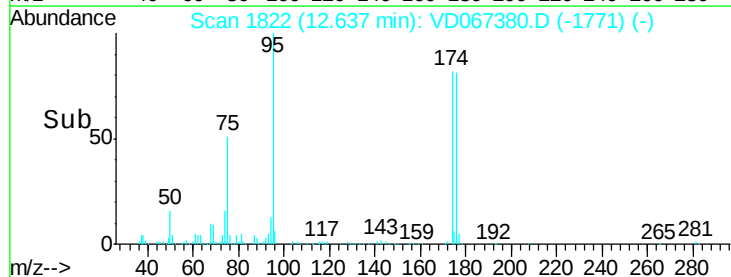
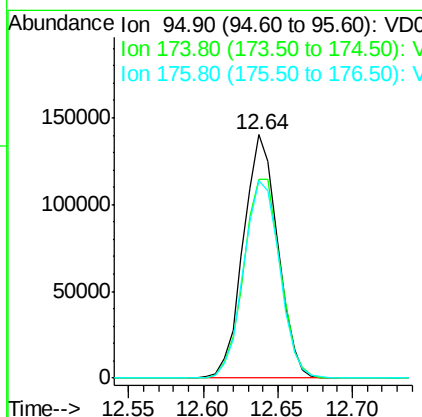
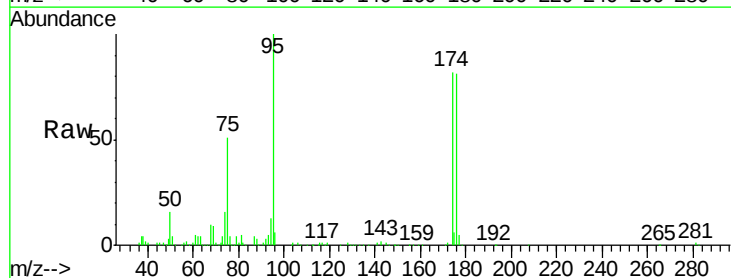
Instrument :
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COMP-3

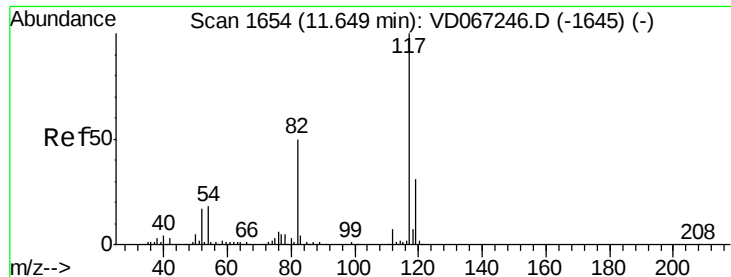
Tot Ion: 98 Resp: 617117
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.819 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067380.D
Acq: 23 Oct 2020 14:20

Tgt Ion: 95 Resp: 223342
Ion Ratio Lower Upper
95 100
174 87.3 0.0 175.2
176 85.0 0.0 168.6

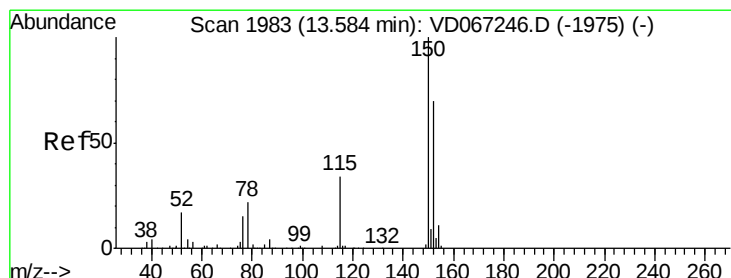
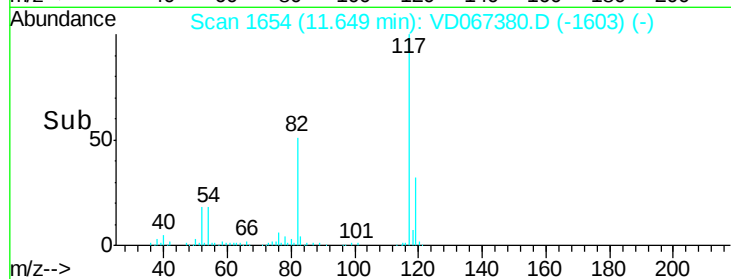
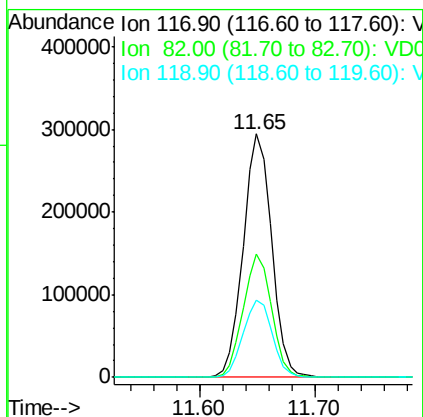
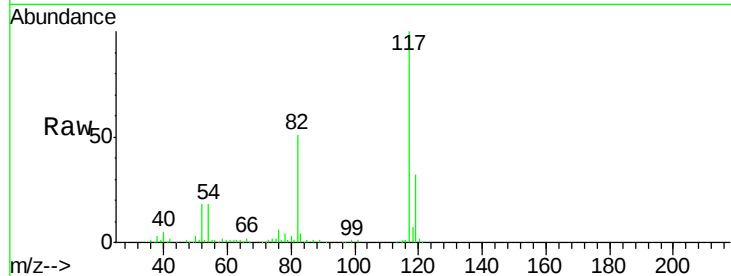




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067380.D
Acq: 23 Oct 2020 14:20

Instrument :
MSVOA_D
ClientSampleId :
COMP-3

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	39.9	59.9
119	31.5	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067380.D
Acq: 23 Oct 2020 14:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.3	87.9
150	155.7	0.0	339.0

