

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102020\
 Data File : VD067334.D
 Acq On : 20 Oct 2020 19:52
 Operator : VA/SY
 Sample : L4436-04RE
 Misc : 13.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 34ARE

Quant Time: Oct 21 02:56:26 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	9539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	15302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	18977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	12220	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	11214	117.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	234.68%	
35) Dibromofluoromethane	7.91	113	5441	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
50) Toluene-d8	10.34	98	19201	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
62) 4-Bromofluorobenzene	12.64	95	9213	71.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.78%	

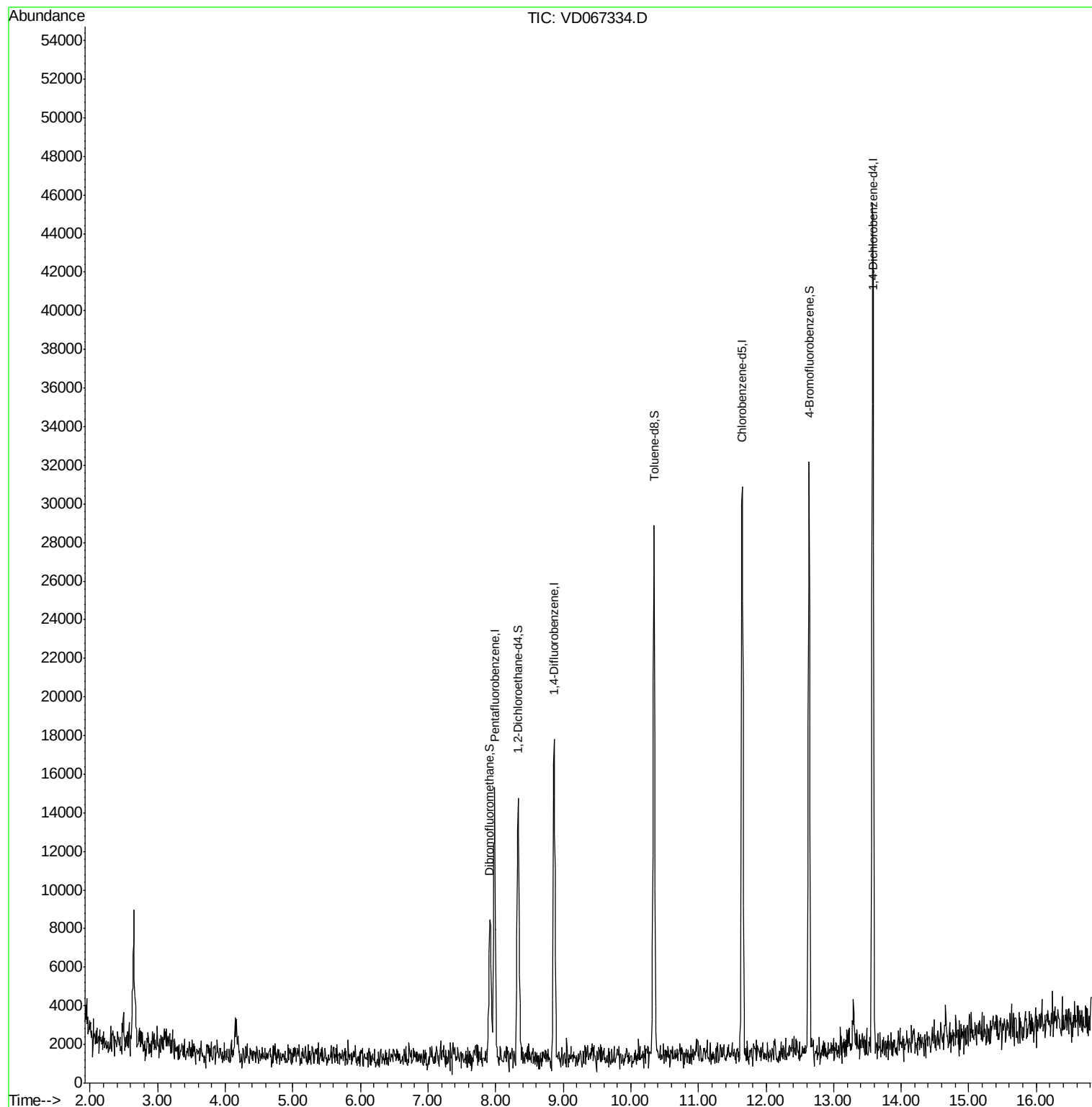
Target Compounds	Qvalue

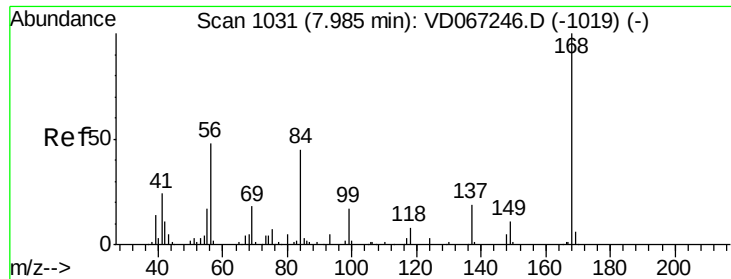
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067334.D

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Instrument :

MSVOA_D

ClientSampleId :

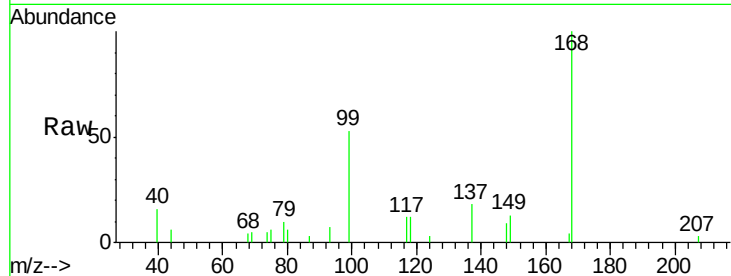
34ARE

Tot Ion:168 Resp: 9539

Ion Ratio Lower Upper

168 100

99 52.5 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

6000

5000

4000

3000

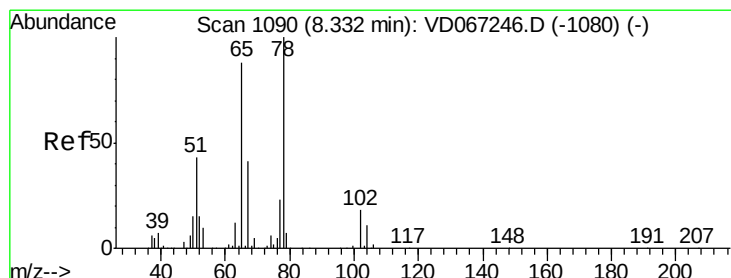
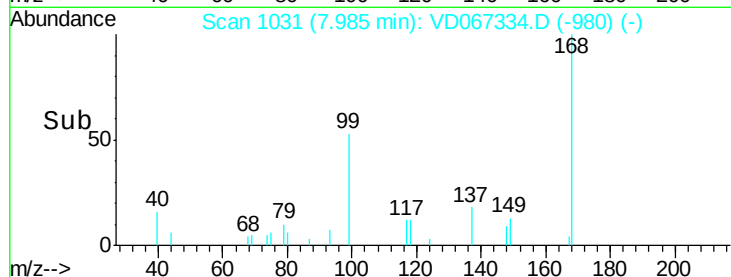
2000

1000

0

Time-->

7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 117.342 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067334.D

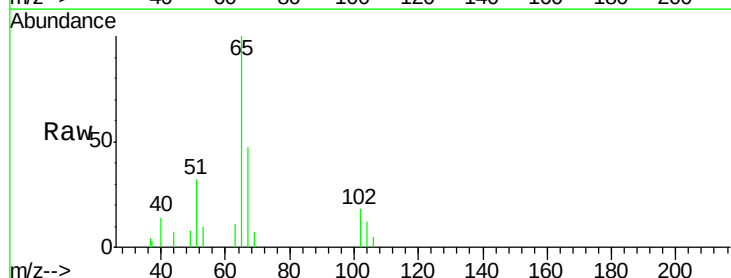
Acq: 20 Oct 2020 19:52

Tgt Ion: 65 Resp: 11214

Ion Ratio Lower Upper

65 100

67 52.4 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

6000

5000

4000

3000

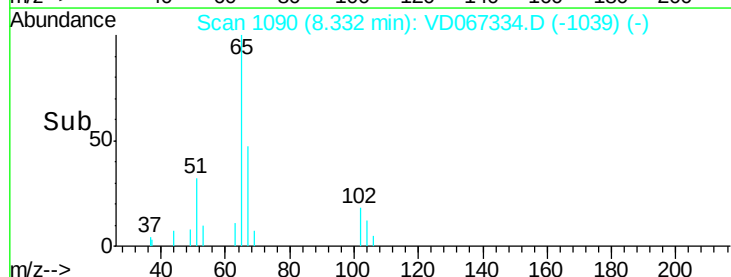
2000

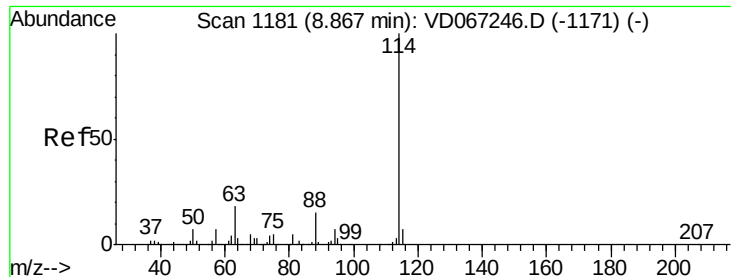
1000

0

Time-->

8.25 8.30 8.35 8.40

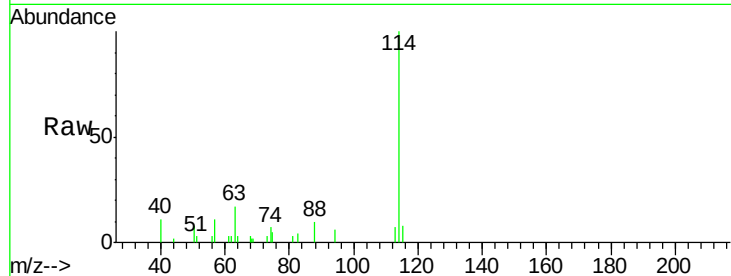




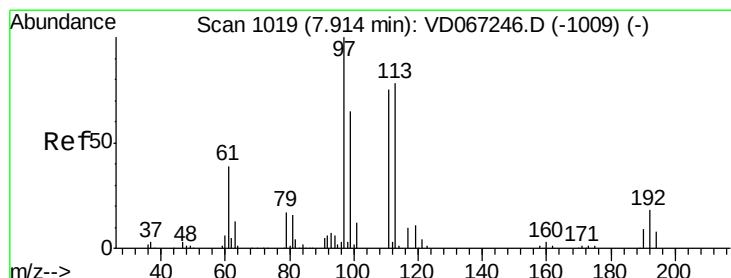
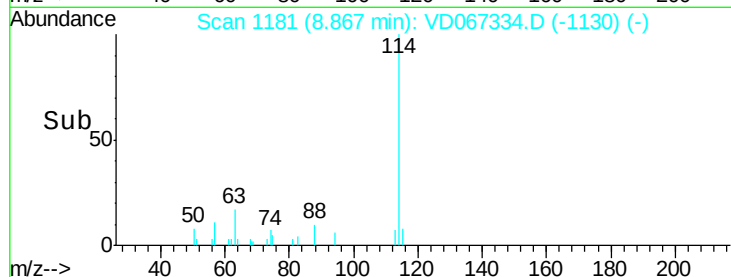
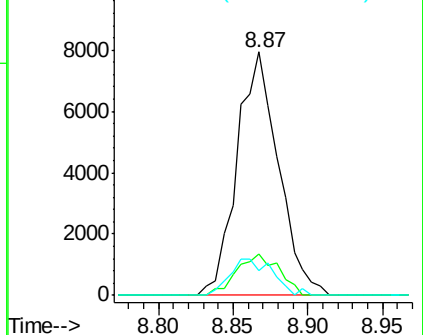
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067334.D
 Acq: 20 Oct 2020 19:52

Instrument :
 MSVOA_D
 ClientSampleId :
 34ARE

Tot Ion:114 Resp: 15302
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 35.0
 88 10.1 0.0 30.6

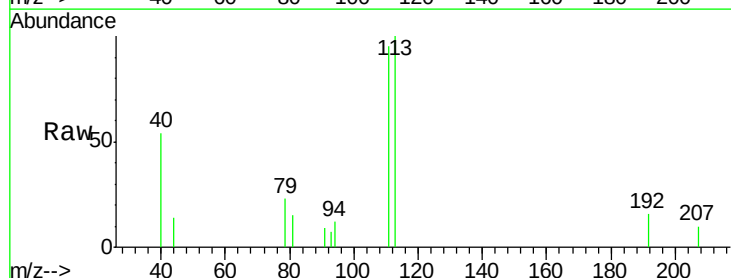


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

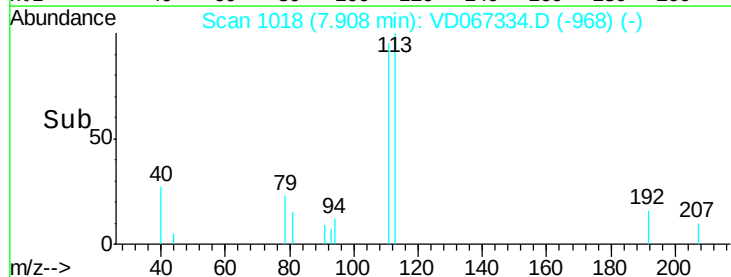
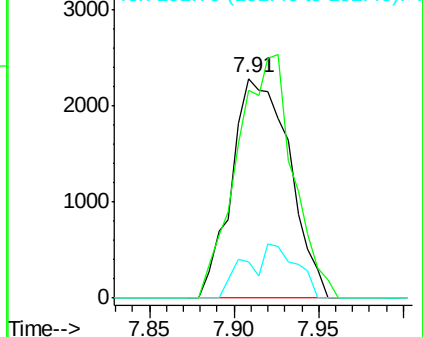


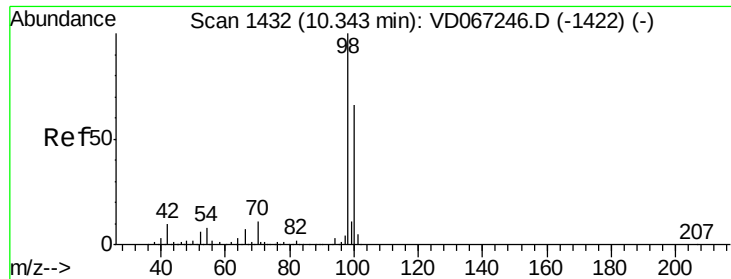
#35
 Dibromofluoromethane
 Concen: 53.430 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD067334.D
 Acq: 20 Oct 2020 19:52

Tgt Ion:113 Resp: 5441
 Ion Ratio Lower Upper
 113 100
 111 107.1 81.6 122.4
 192 21.5 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: 52.101 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067334.D

Acq: 20 Oct 2020 19:52

Instrument :

MSVOA_D

ClientSampleId :

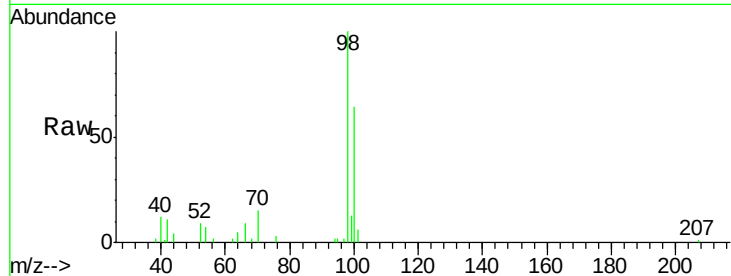
34ARE

Tot Ion: 98 Resp: 19201

Ion Ratio Lower Upper

98 100

100 70.5 53.1 79.7

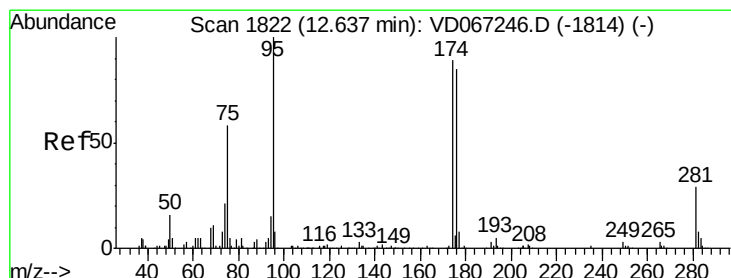
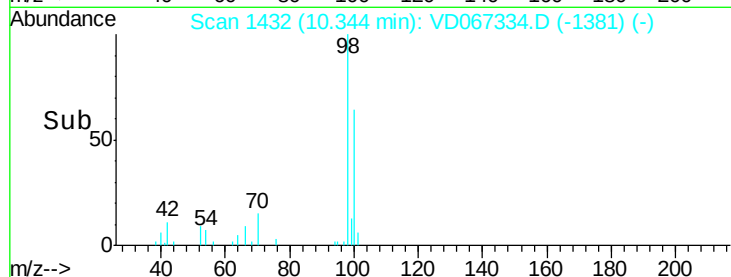


Abundance Ion 98.00 (97.70 to 98.70): VD067246.D (-1422) (-)

Ion 100.00 (99.70 to 100.70): VD067246.D (-1422) (-)

10.34

Time-->



#62

4-Bromofluorobenzene

Concen: 71.894 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067334.D

Acq: 20 Oct 2020 19:52

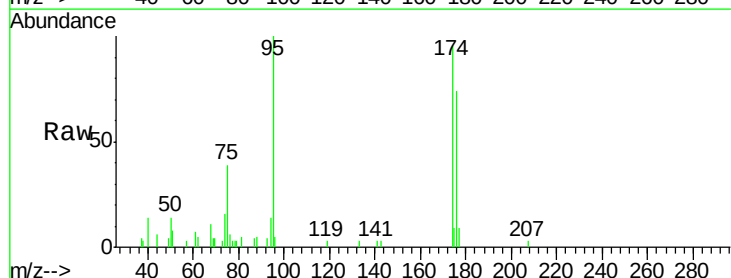
Tgt Ion: 95 Resp: 9213

Ion Ratio Lower Upper

95 100

174 97.1 0.0 175.2

176 88.7 0.0 168.6



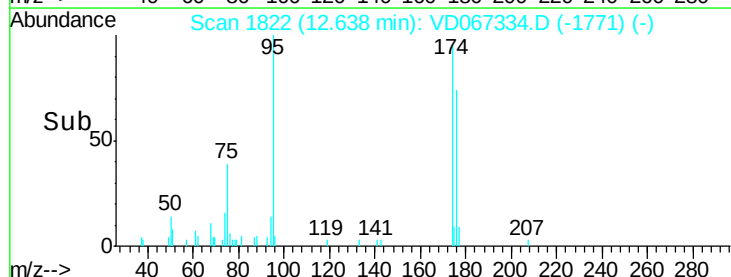
Abundance Ion 94.90 (94.60 to 95.60): VD067246.D (-1814) (-)

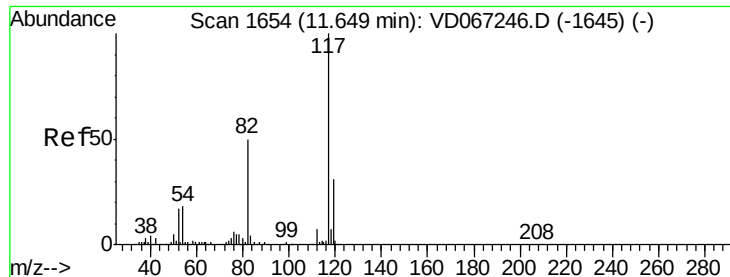
Ion 173.80 (173.50 to 174.50): VD067246.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD067246.D (-1814) (-)

12.64

Time-->

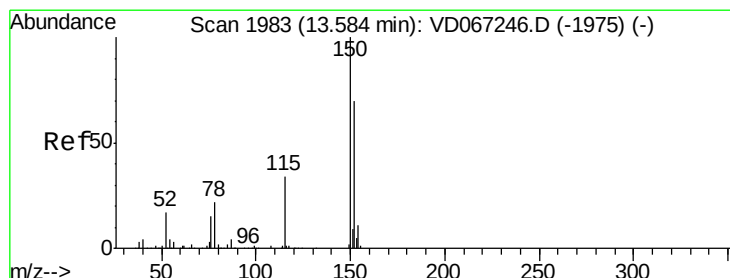
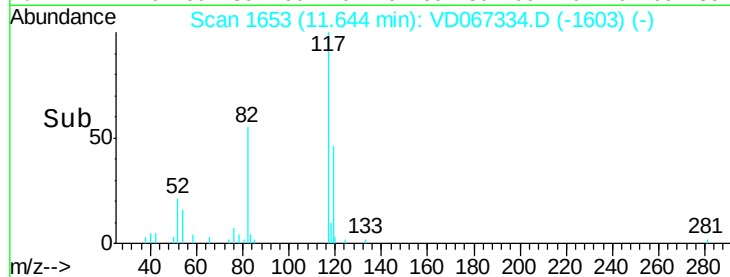
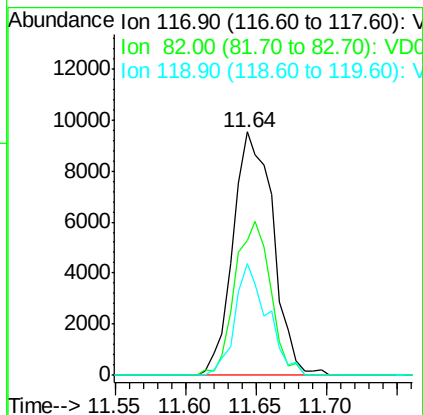
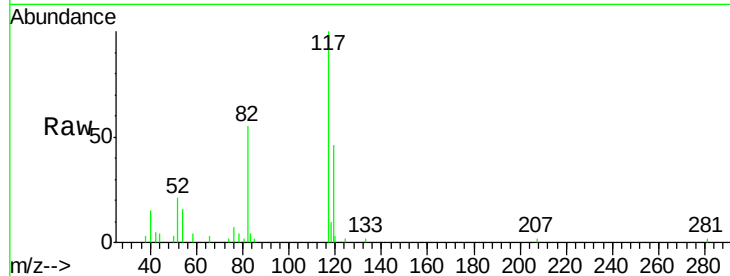




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.64 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: VD067334.D
 Acq: 20 Oct 2020 19:52

Instrument :
 MSVOA_D
 ClientSampleId :
 34ARE

Tot Ion:117 Resp: 18977
 Ion Ratio Lower Upper
 117 100
 82 55.4 39.9 59.9
 119 45.7 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: VD067334.D
 Acq: 20 Oct 2020 19:52

Tgt Ion:152 Resp: 12220
 Ion Ratio Lower Upper
 152 100
 115 60.4 29.3 87.9
 150 152.7 0.0 339.0

