

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110220\
 Data File : VD067488.D
 Acq On : 02 Nov 2020 13:42
 Operator : VA/SY
 Sample : L4215-01
 Misc : 5.71G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-05-102820

Quant Time: Nov 03 00:40:11 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	25731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	41314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	42343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	21291	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	17472	67.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	135.56%	
35) Dibromofluoromethane	7.92	113	14019	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
50) Toluene-d8	10.34	98	46350	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
62) 4-Bromofluorobenzene	12.64	95	17049	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	

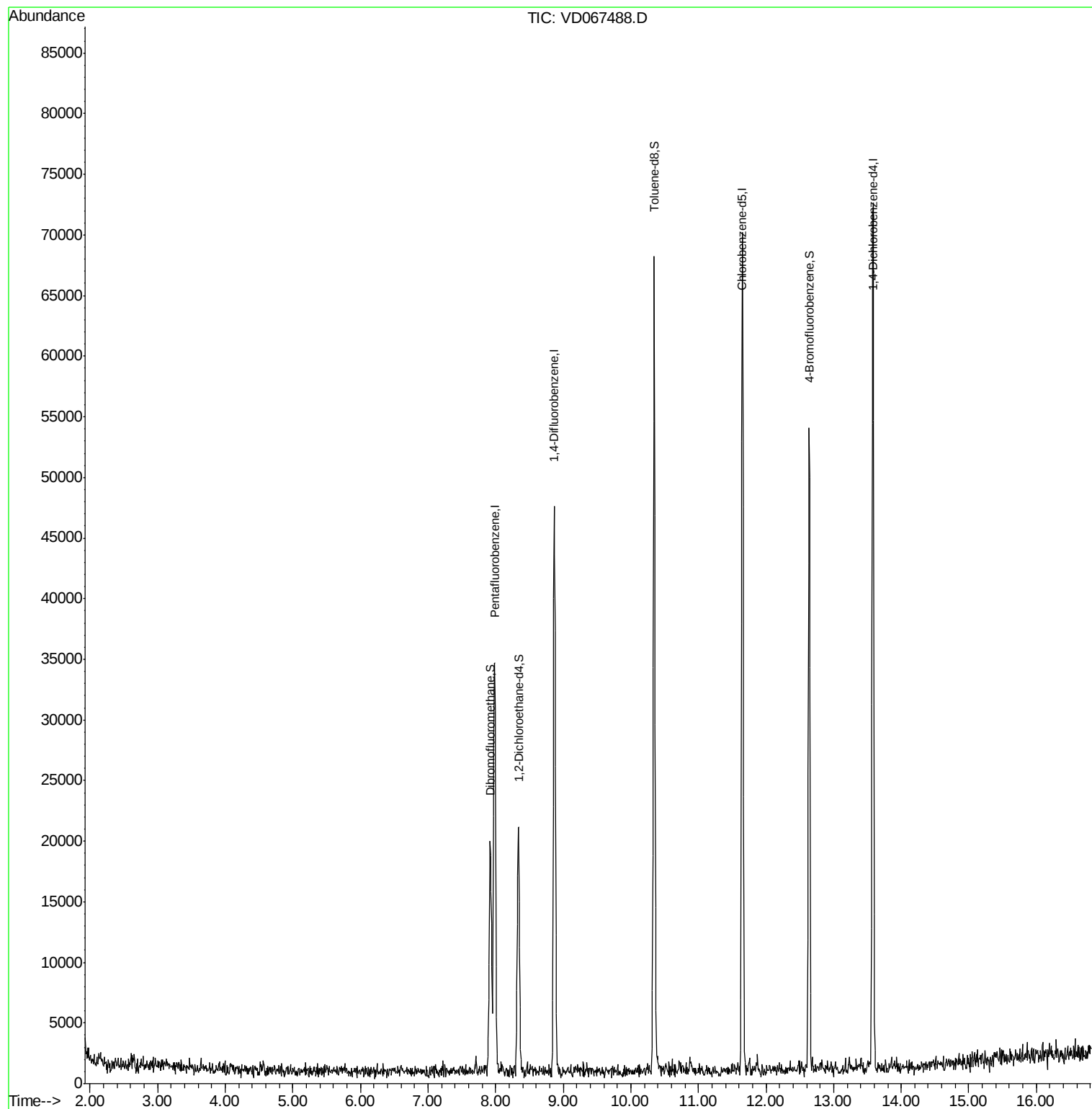
Target Compounds	Qvalue
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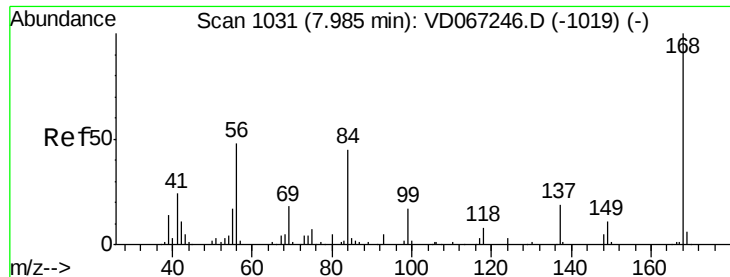
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067488.D

Acq: 02 Nov 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

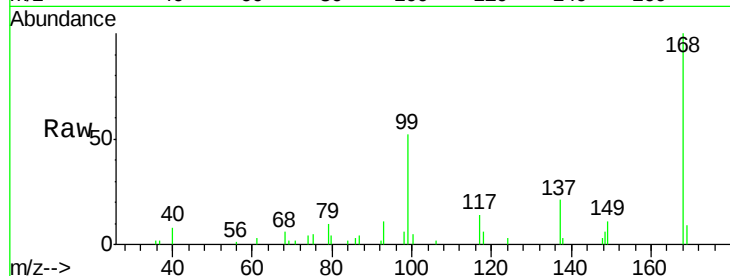
AU-05-102820

Tot Ion:168 Resp: 25731

Ion Ratio Lower Upper

168 100

99 51.8 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

12000

10000

8000

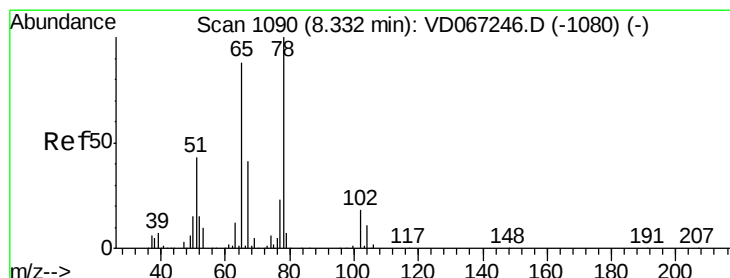
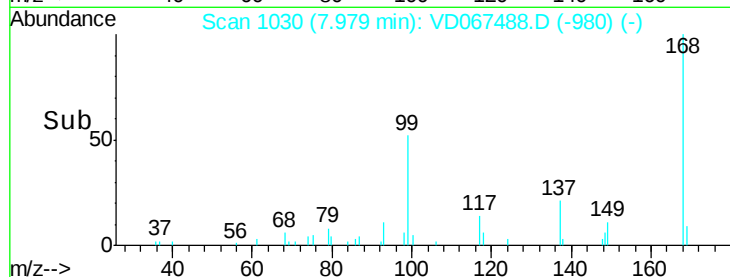
6000

4000

2000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 67.777 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067488.D

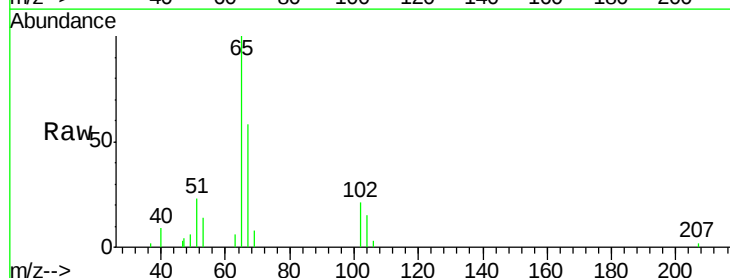
Acq: 02 Nov 2020 13:42

Tgt Ion: 65 Resp: 17472

Ion Ratio Lower Upper

65 100

67 50.8 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

8000

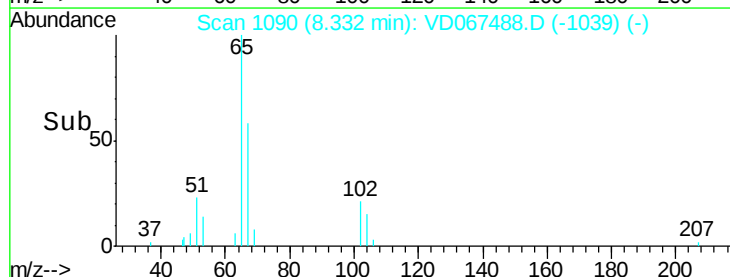
6000

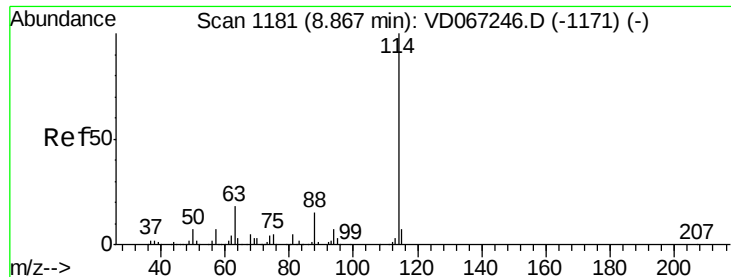
4000

2000

0

Time-->

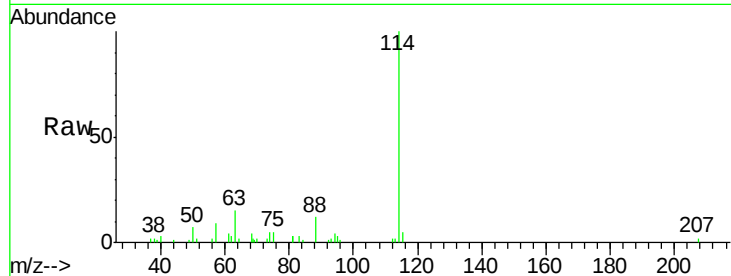




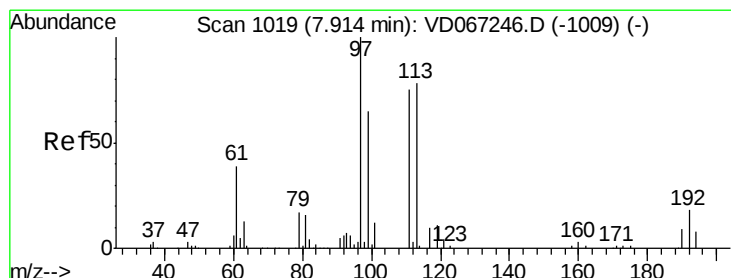
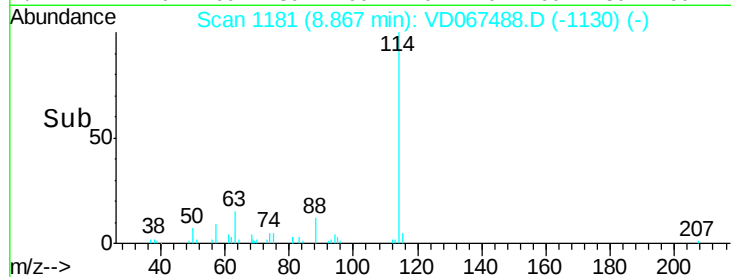
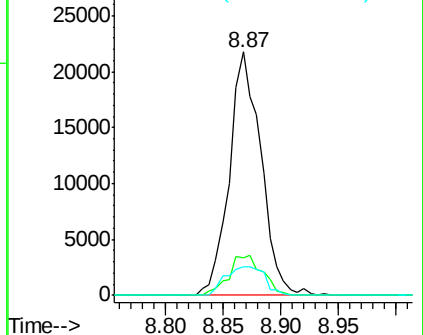
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD067488.D
Acq: 02 Nov 2020 13:42

Instrument :
MSVOA_D
ClientSampleId :
AU-05-102820

Tot Ion	Ratio	Lower	Upper
114	100		
63	15.3	0.0	35.0
88	11.8	0.0	30.6

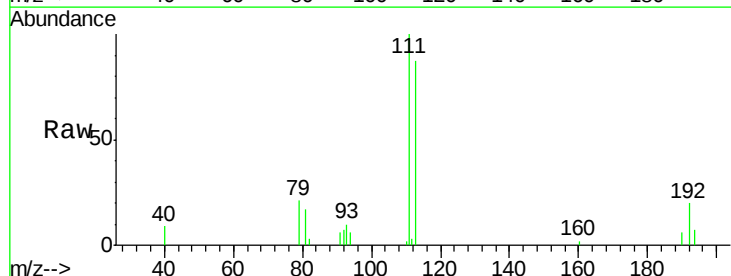


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

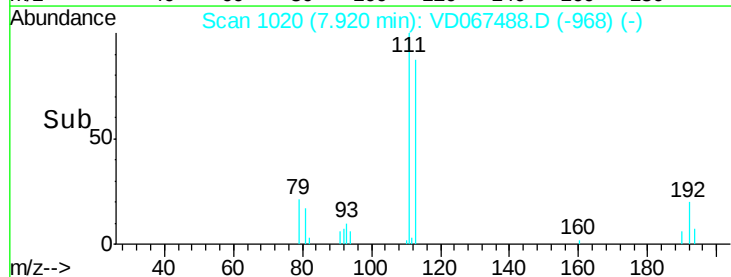
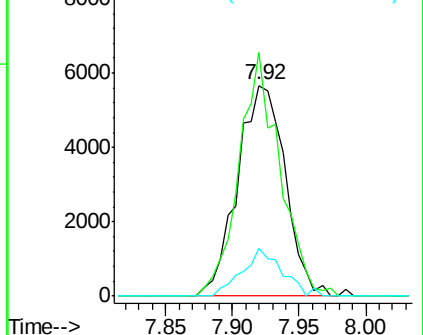


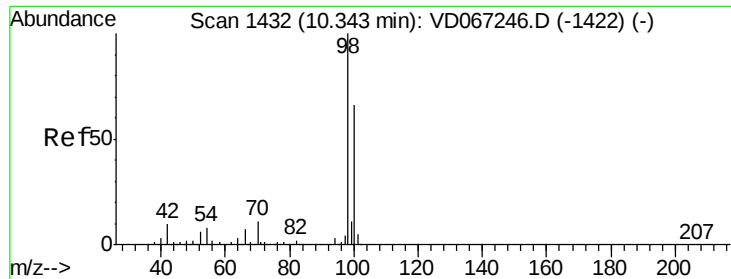
#35
Dibromofluoromethane
Concen: 50.988 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067488.D
Acq: 02 Nov 2020 13:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	98.8	81.6	122.4
192	18.9	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: 46.583 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067488.D

Acq: 02 Nov 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

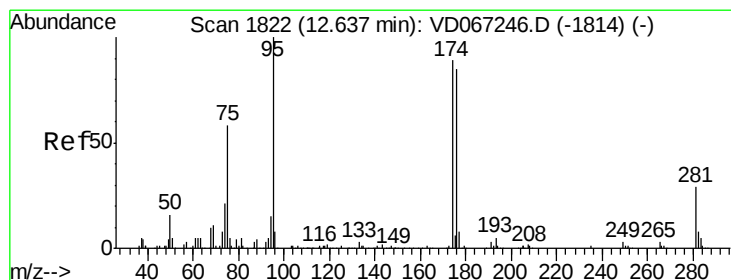
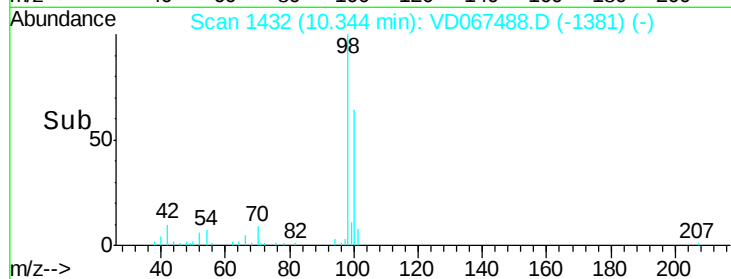
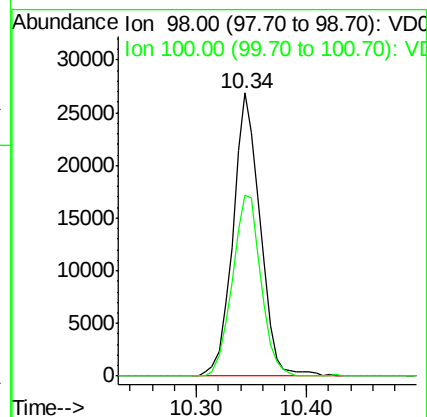
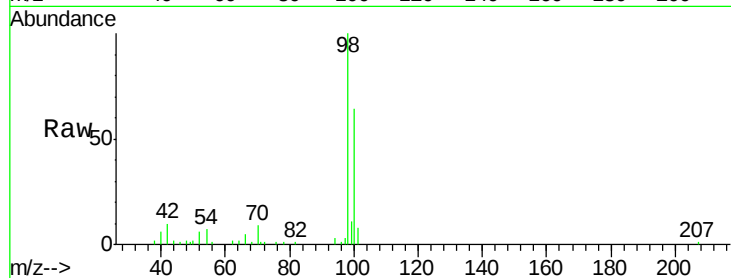
AU-05-102820

Tot Ion: 98 Resp: 46350

Ion Ratio Lower Upper

98 100

100 67.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 49.277 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067488.D

Acq: 02 Nov 2020 13:42

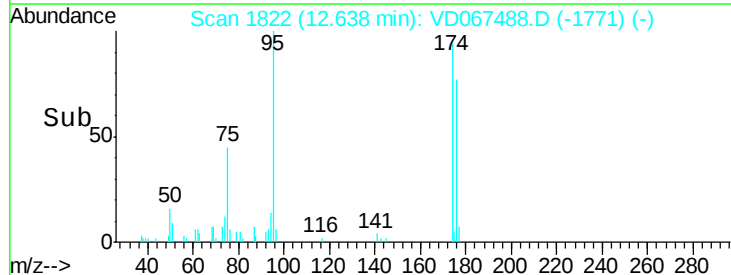
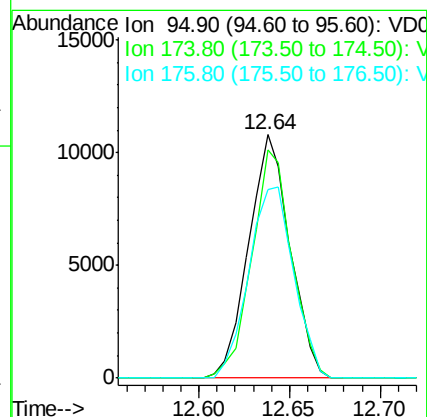
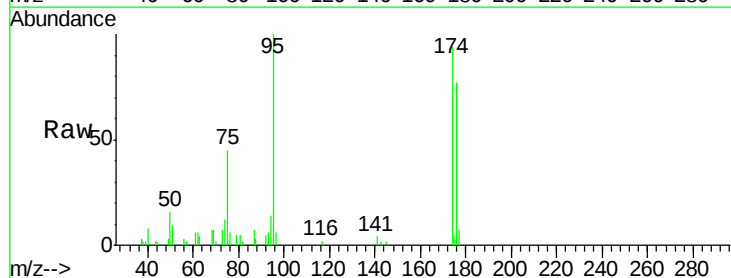
Tgt Ion: 95 Resp: 17049

Ion Ratio Lower Upper

95 100

174 90.8 0.0 175.2

176 85.7 0.0 168.6

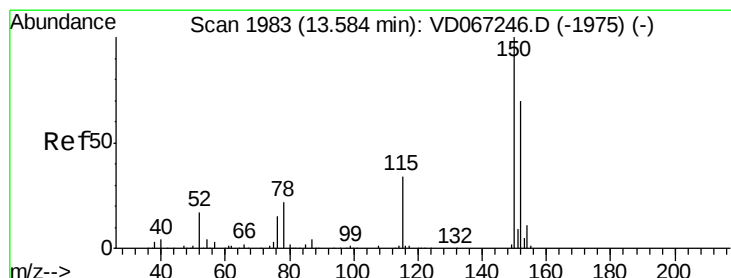
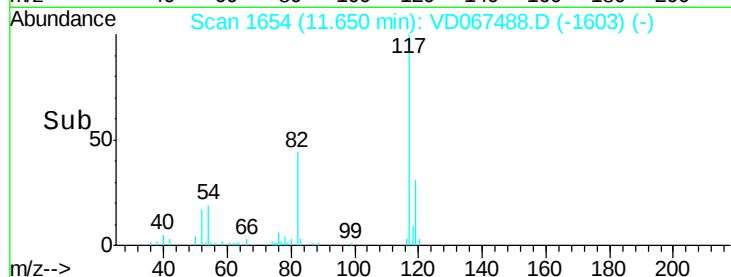
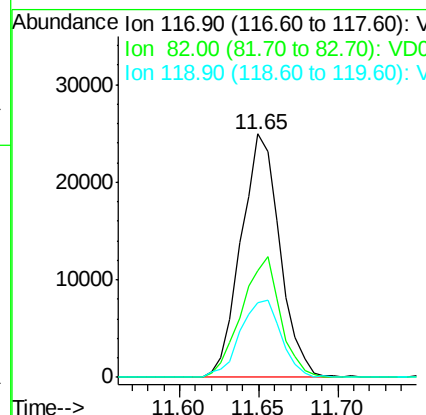
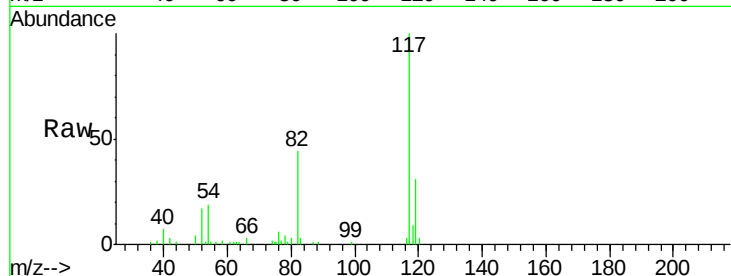




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067488.D
Acq: 02 Nov 2020 13:42

Instrument :
MSVOA_D
ClientSampleId :
AU-05-102820

Tot Ion:117 Resp: 42343
Ion Ratio Lower Upper
117 100
82 43.9 39.9 59.9
119 30.8 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: VD067488.D
Acq: 02 Nov 2020 13:42

Tgt Ion:152 Resp: 21291
Ion Ratio Lower Upper
152 100
115 61.3 29.3 87.9
150 157.0 0.0 339.0

