

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101520\
 Data File : VD067279.D
 Acq On : 15 Oct 2020 13:16
 Operator : VA/SY
 Sample : L4223-01
 Misc : 5.53G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-101420

Quant Time: Oct 16 01:23:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 03:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	318786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	546197	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	520656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	239524	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	179856	56.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.62%	
35) Dibromofluoromethane	7.92	113	182384	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.34	98	640271	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.64	95	217643	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	

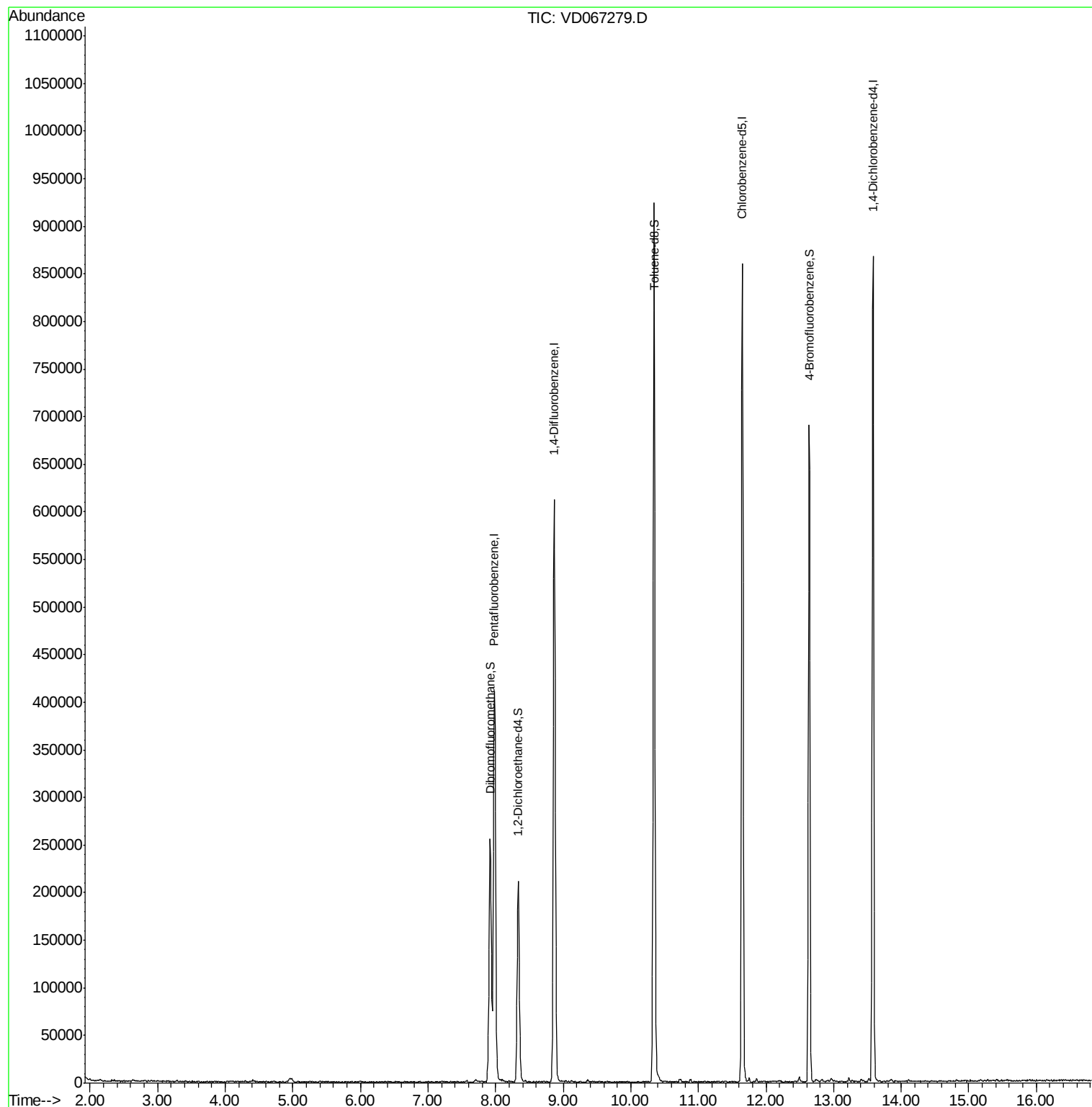
Target Compounds	Qvalue

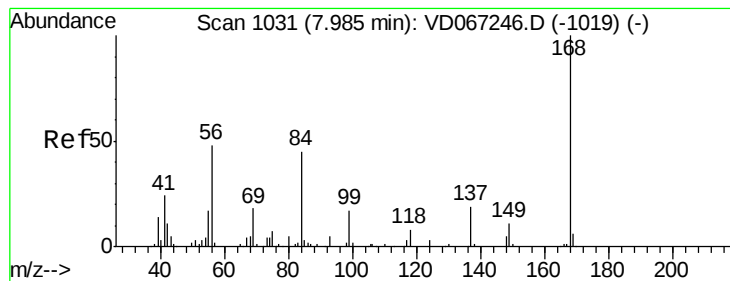
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067279.D

Acq: 15 Oct 2020 13:16

Instrument :

MSVOA_D

ClientSampleId :

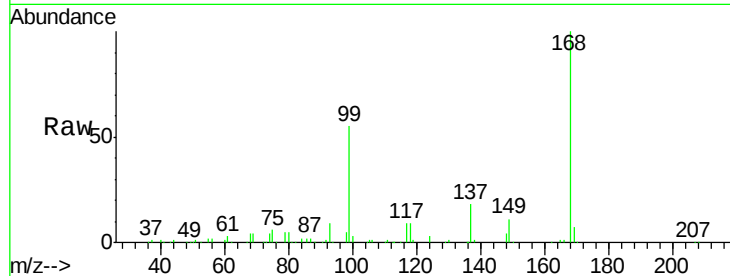
PL-01-101420

Tot Ion:168 Resp: 318786

Ion Ratio Lower Upper

168 100

99 55.2 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

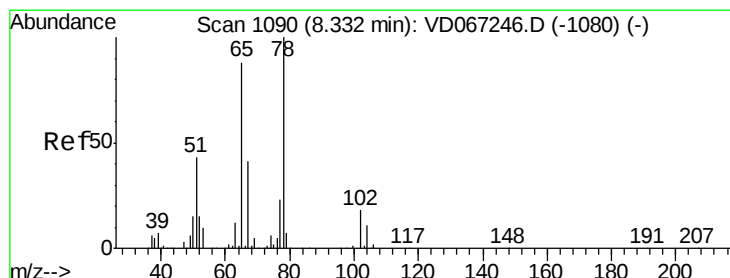
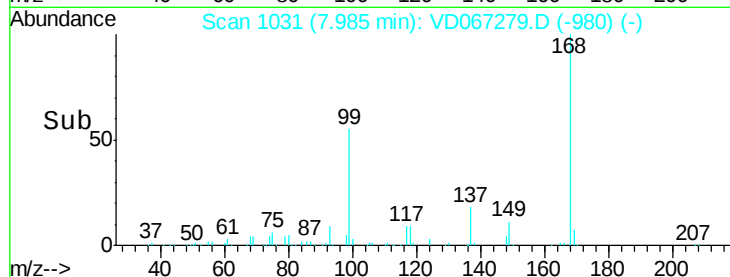
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.315 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067279.D

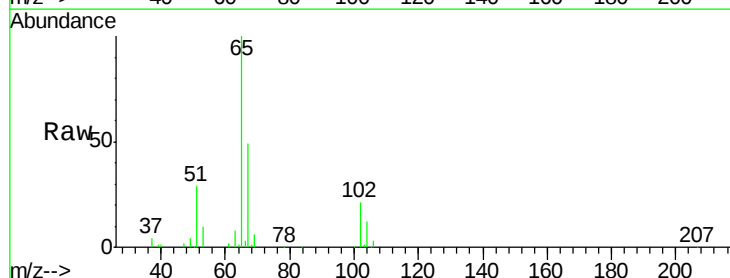
Acq: 15 Oct 2020 13:16

Tgt Ion: 65 Resp: 179856

Ion Ratio Lower Upper

65 100

67 49.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

80000

60000

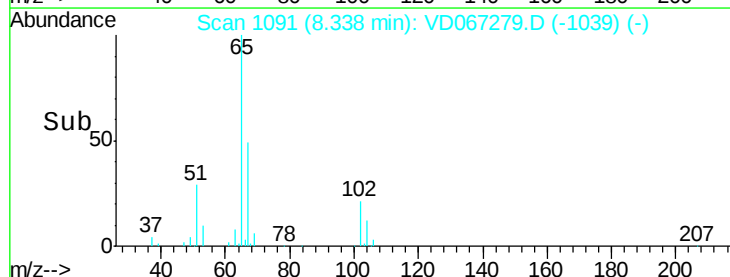
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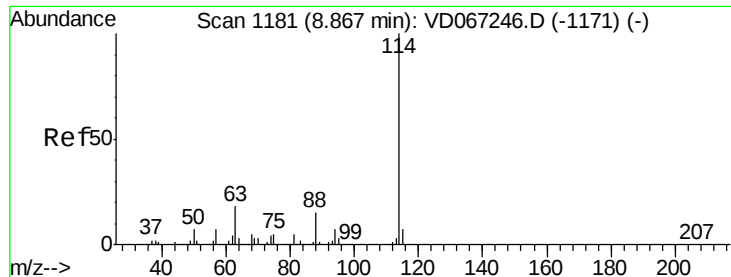
20000

0

8.30 8.40

Time-->

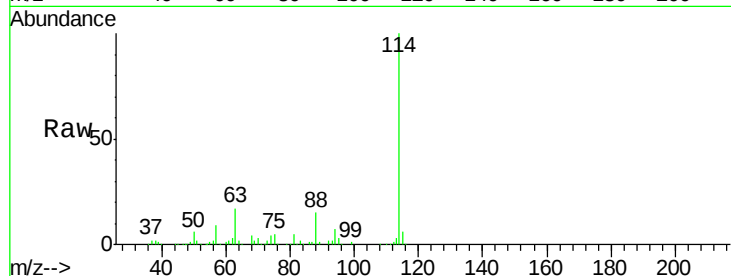




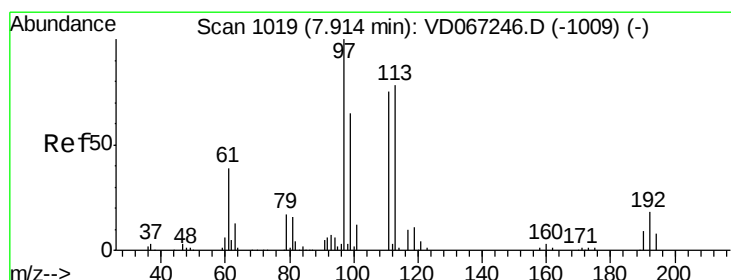
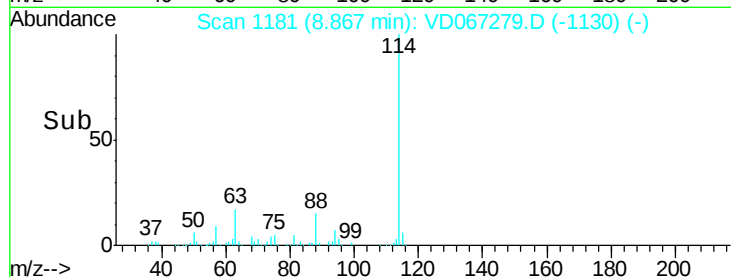
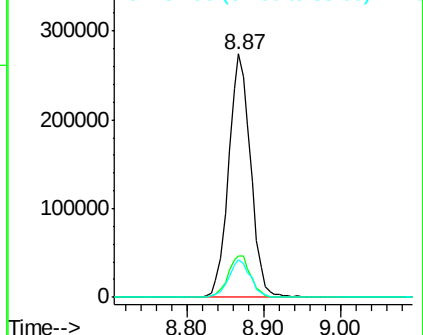
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD067279.D
Acq: 15 Oct 2020 13:16

Instrument :
MSVOA_D
ClientSampleId :
PL-01-101420

Tot Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	35.0
88	15.3	0.0	30.6

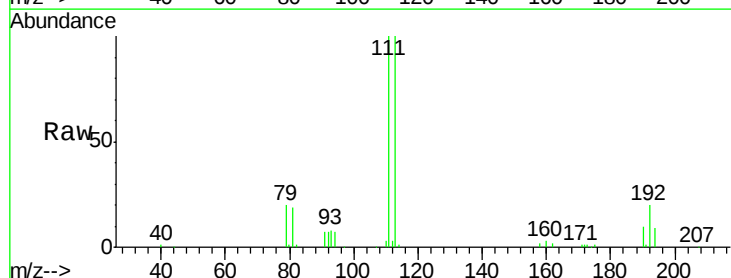


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

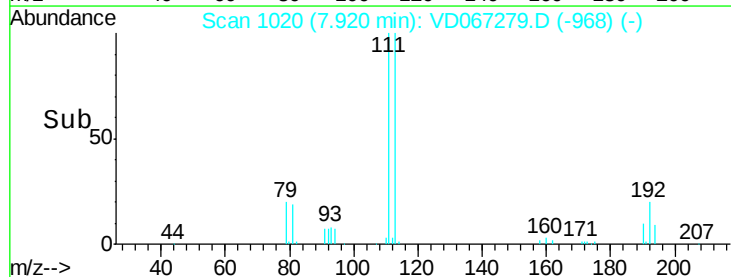
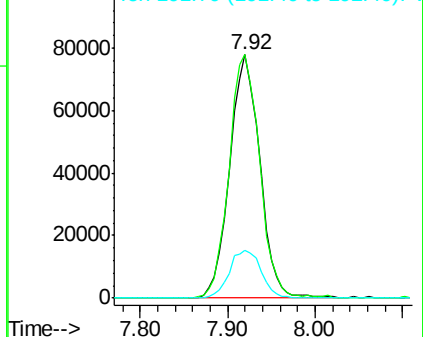


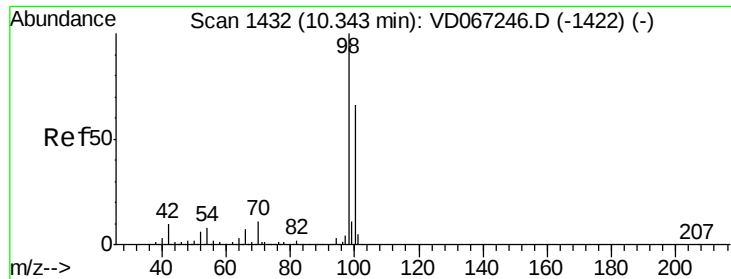
#35
Dibromofluoromethane
Concen: 50.175 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067279.D
Acq: 15 Oct 2020 13:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.6	122.4
192	20.7	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: 48.673 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067279.D

Acq: 15 Oct 2020 13:16

Instrument :

MSVOA_D

ClientSampleId :

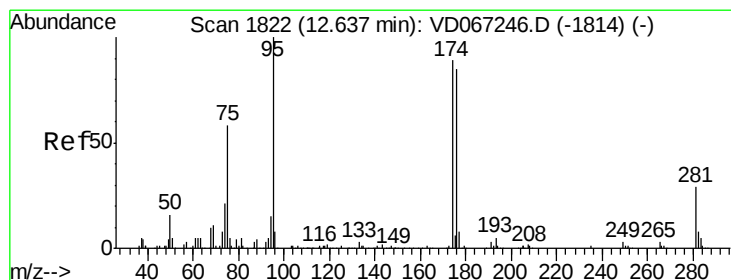
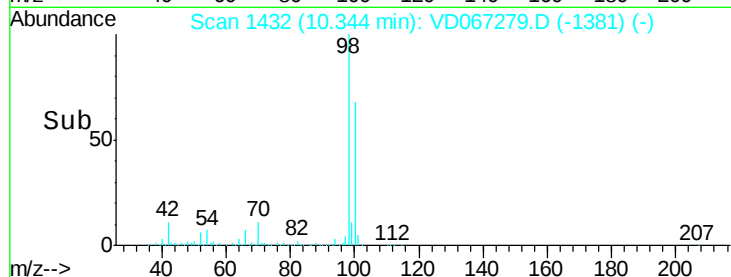
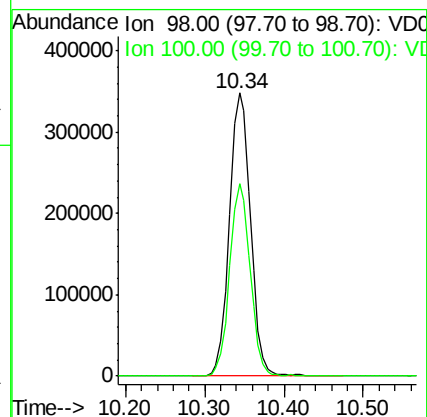
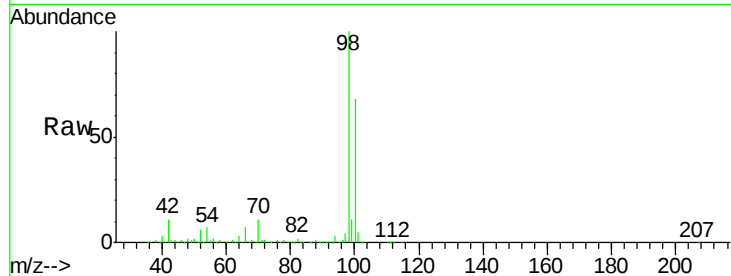
PL-01-101420

Tot Ion: 98 Resp: 640271

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 47.581 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067279.D

Acq: 15 Oct 2020 13:16

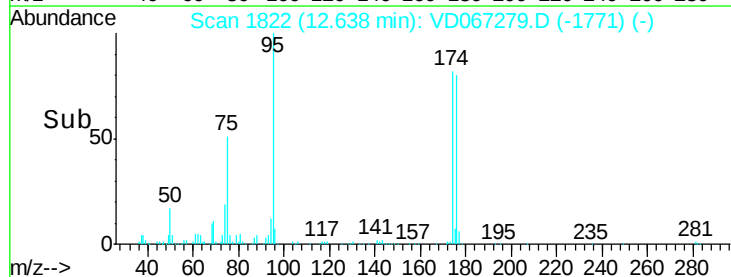
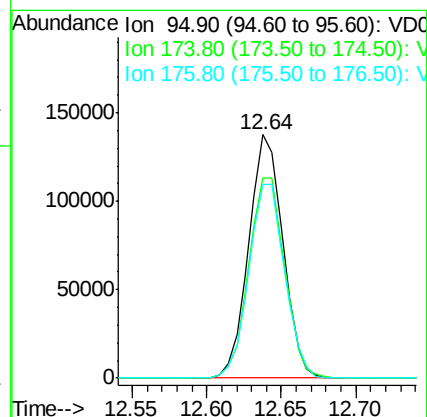
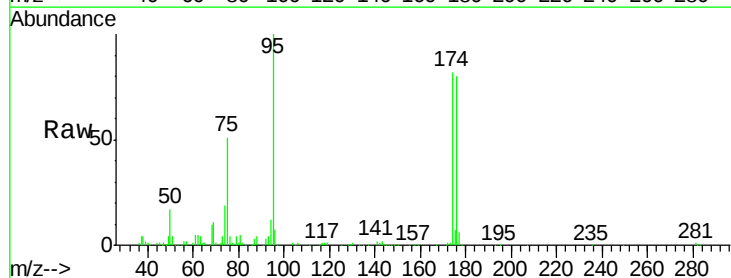
Tgt Ion: 95 Resp: 217643

Ion Ratio Lower Upper

95 100

174 86.6 0.0 175.2

176 83.7 0.0 168.6

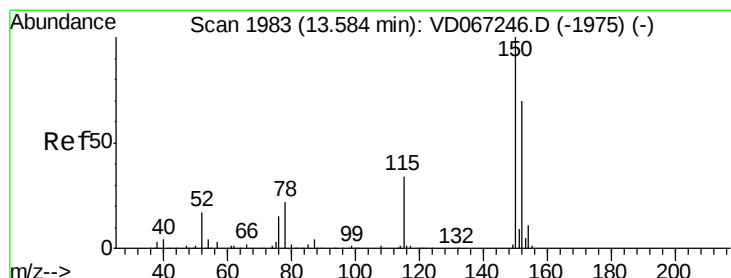
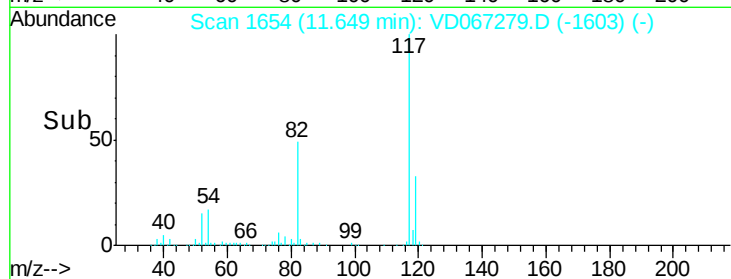
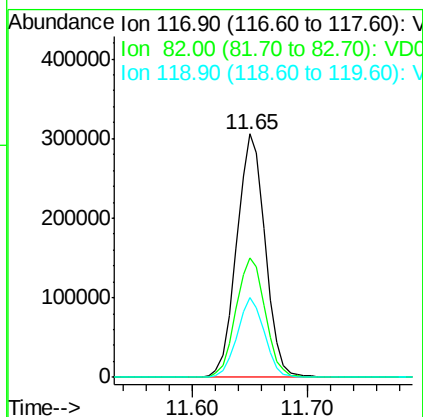
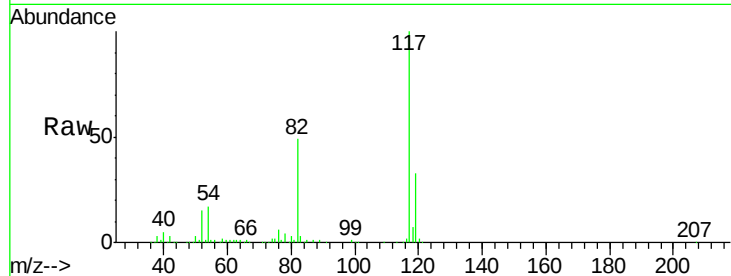




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067279.D
Acq: 15 Oct 2020 13:16

Instrument :
MSVOA_D
ClientSampleId :
PL-01-101420

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.9	39.9	59.9
119	32.8	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: VD067279.D
Acq: 15 Oct 2020 13:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.3	87.9
150	159.2	0.0	339.0

