

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120420\
 Data File : VD067877.D
 Acq On : 04 Dec 2020 10:54
 Operator : VA/SY
 Sample : VD1204SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1204SBL01

Quant Time: Dec 04 23:57:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	258369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	353406	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	312021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	156204	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	118348	42.67	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.34%
35) Dibromofluoromethane	7.92	113	101470	42.91	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.82%
50) Toluene-d8	10.34	98	394262	46.31	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.62%
62) 4-Bromofluorobenzene	12.64	95	131945	44.83	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.66%

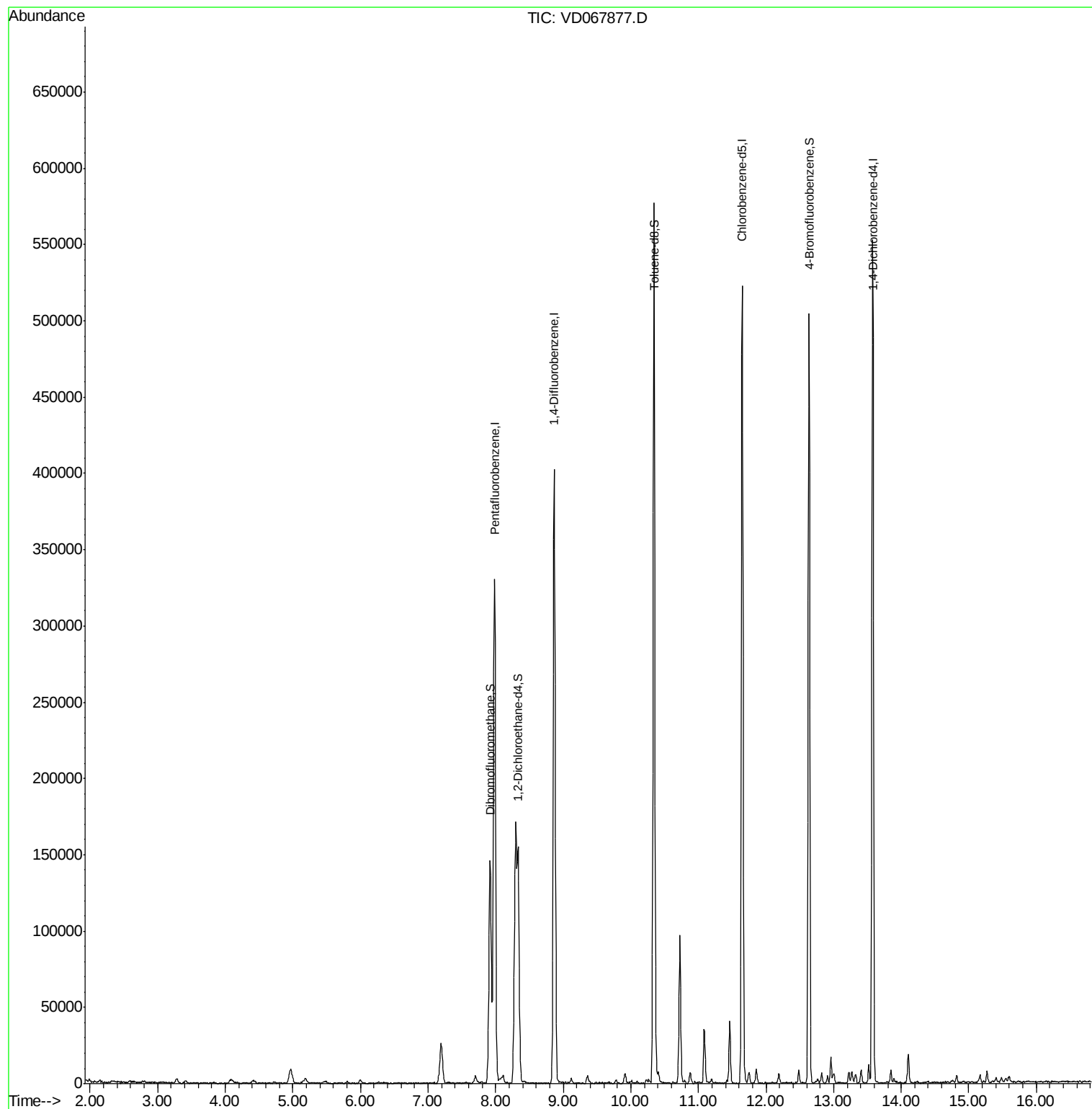
Target Compounds	Qvalue
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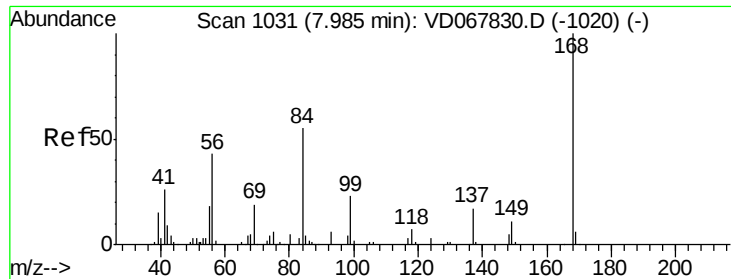
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067877.D

Acq: 04 Dec 2020 10:54

Instrument :

MSVOA_D

ClientSampleId :

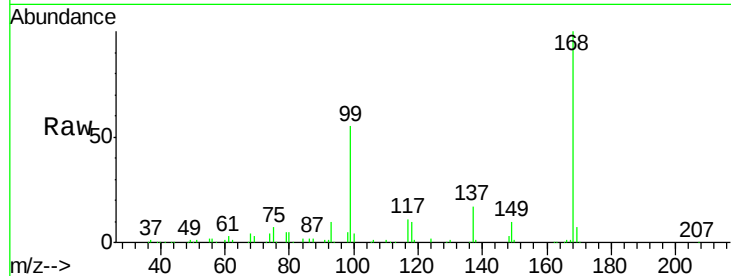
VD1204SBL01

Tot Ion:168 Resp: 258369

Ion Ratio Lower Upper

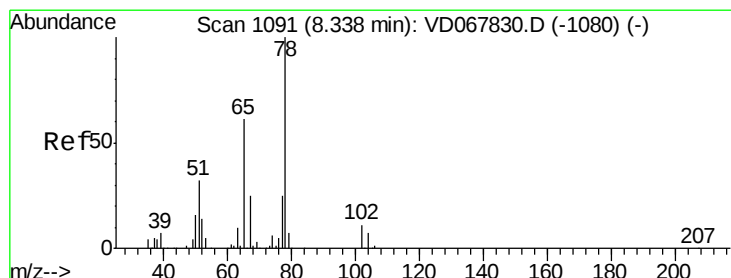
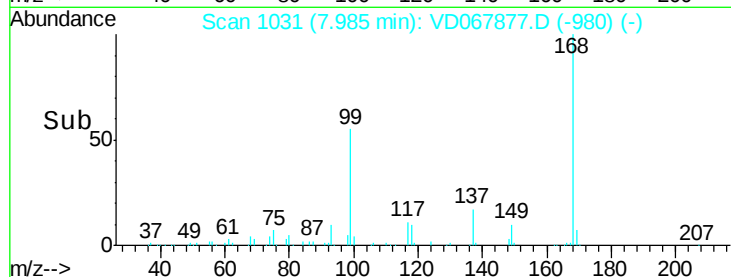
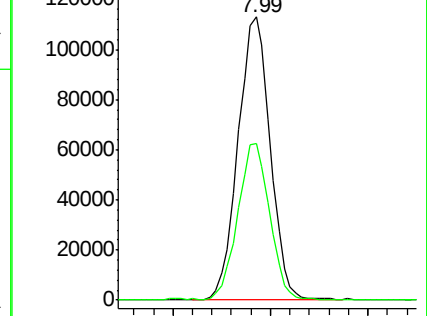
168 100

99 54.8 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 42.668 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067877.D

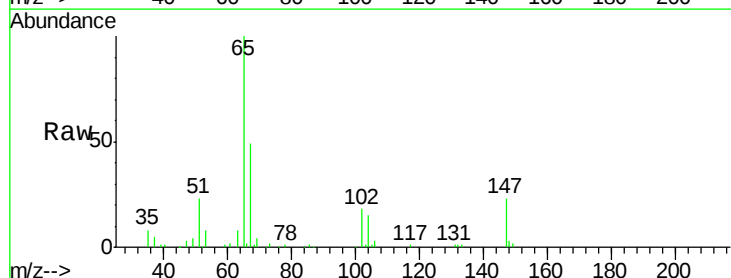
Acq: 04 Dec 2020 10:54

Tgt Ion: 65 Resp: 118348

Ion Ratio Lower Upper

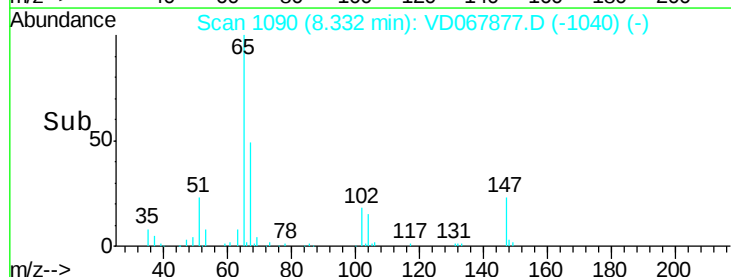
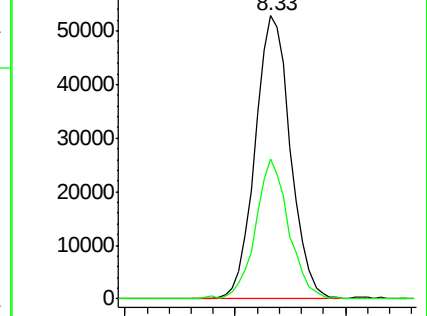
65 100

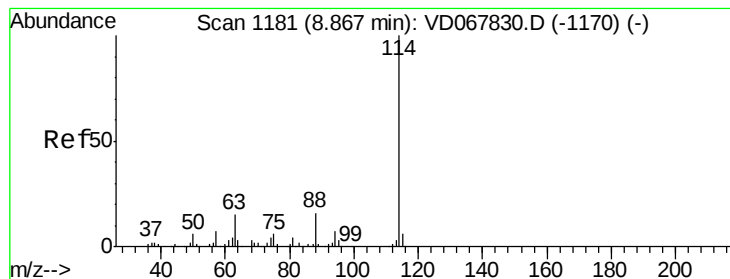
67 46.8 0.0 92.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067877.D

Acq: 04 Dec 2020 10:54

Instrument :

MSVOA_D

ClientSampleId :

VD1204SBL01

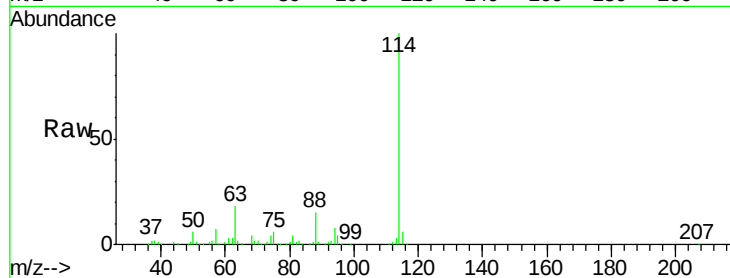
Tot Ion:114 Resp: 353406

Ion Ratio Lower Upper

114 100

63 18.0 0.0 30.8

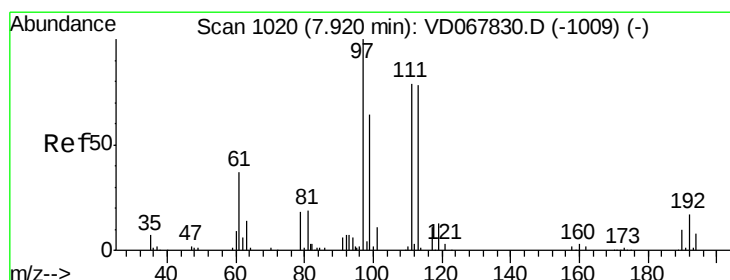
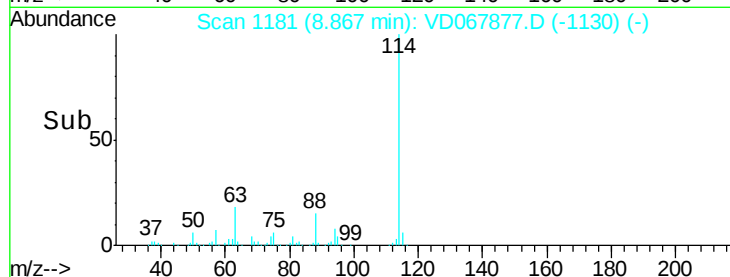
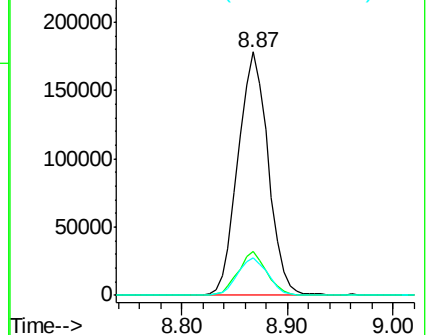
88 15.3 0.0 31.8



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: 42.909 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067877.D

Acq: 04 Dec 2020 10:54

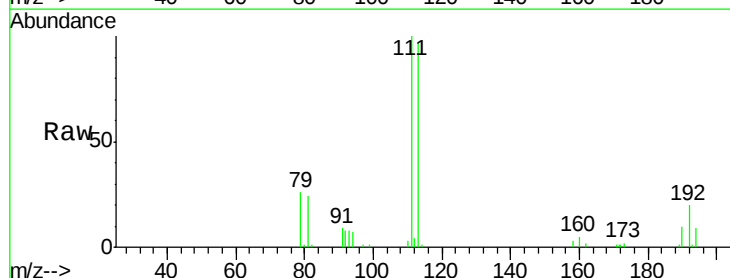
Tgt Ion:113 Resp: 101470

Ion Ratio Lower Upper

113 100

111 104.9 81.2 121.8

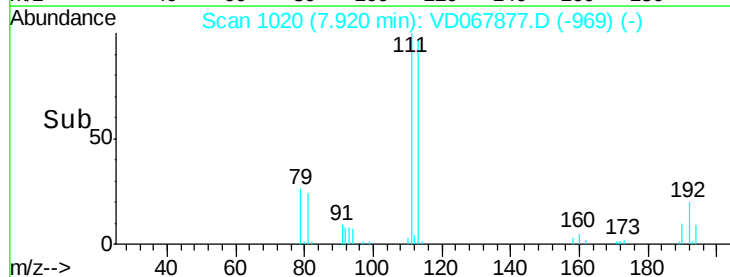
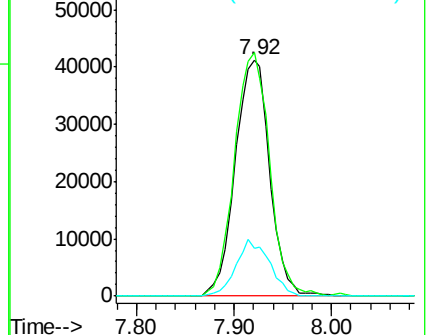
192 23.3 16.8 25.2

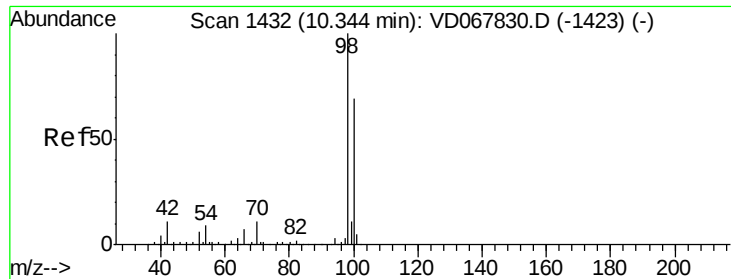


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.314 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067877.D

Acq: 04 Dec 2020 10:54

Instrument :

MSVOA_D

ClientSampleId :

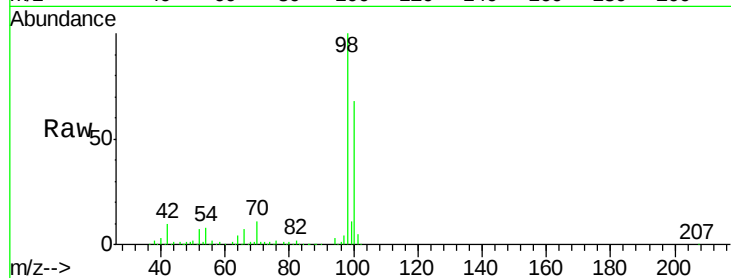
VD1204SBL01

Tot Ion: 98 Resp: 394262

Ion Ratio Lower Upper

98 100

100 66.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VD067830.D (-1423) (-)

Ion 100.00 (99.70 to 100.70): VD067830.D (-1423) (-)

10.34

250000

200000

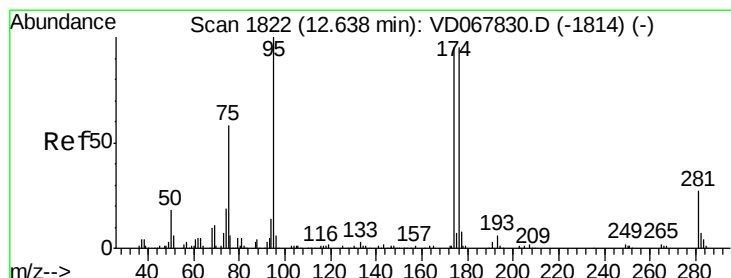
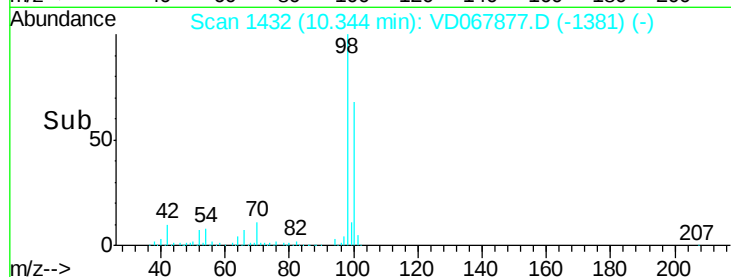
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.832 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067877.D

Acq: 04 Dec 2020 10:54

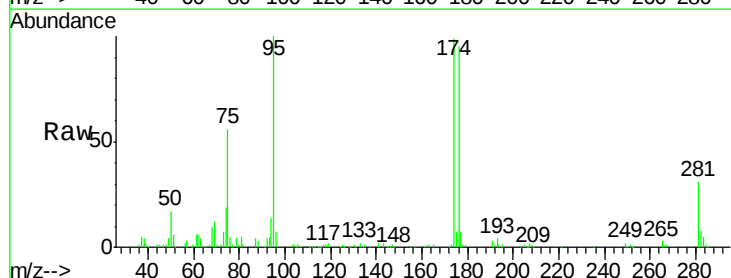
Tgt Ion: 95 Resp: 131945

Ion Ratio Lower Upper

95 100

174 96.2 0.0 186.0

176 90.8 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VD067830.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD067830.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD067830.D (-1814) (-)

12.64

100000

80000

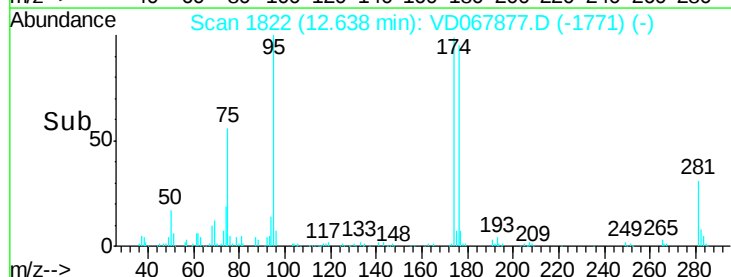
60000

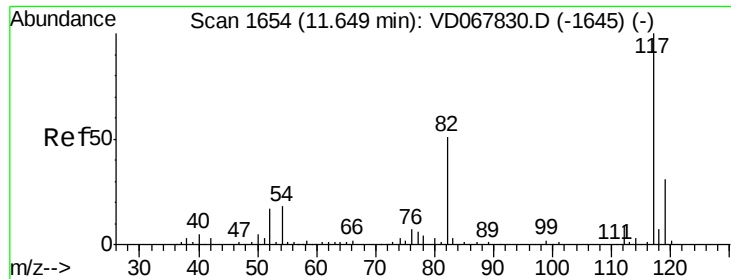
40000

20000

0

Time-->

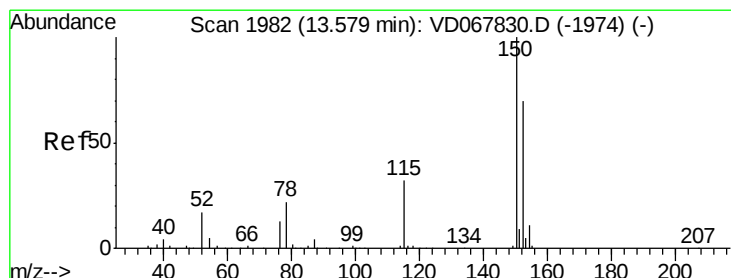
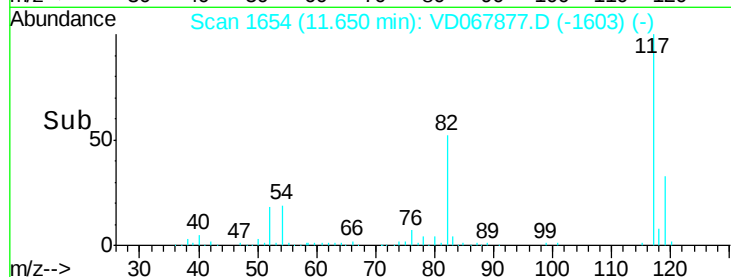
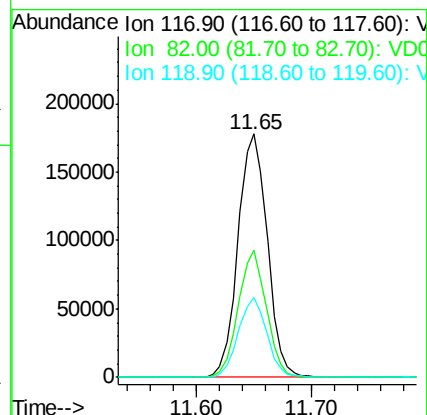
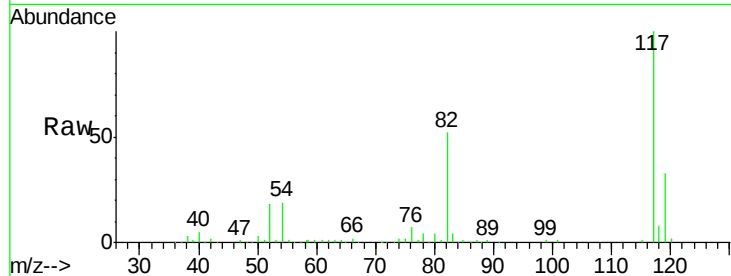




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067877.D
Acq: 04 Dec 2020 10:54

Instrument :
MSVOA_D
ClientSampleId :
VD1204SBL01

Tot Ion:117 Resp: 312021
Ion Ratio Lower Upper
117 100
82 52.4 40.6 60.8
119 32.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067877.D
Acq: 04 Dec 2020 10:54

Tgt Ion:152 Resp: 156204
Ion Ratio Lower Upper
152 100
115 57.2 29.1 87.4
150 155.0 0.0 339.0

