

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120720\
 Data File : VD067901.D
 Acq On : 07 Dec 2020 15:58
 Operator : VA/SY
 Sample : L4967-01
 Misc : 6.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-120720

Quant Time: Dec 08 03:51:32 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	7.98	168	236305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	331352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	287446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	136694	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	115121	45.38	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.76%		
35) Dibromofluoromethane	7.92	113	98047	44.22	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.44%		
50) Toluene-d8	10.34	98	370027	46.36	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.72%		
62) 4-Bromofluorobenzene	12.64	95	118730	43.03	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	86.06%		

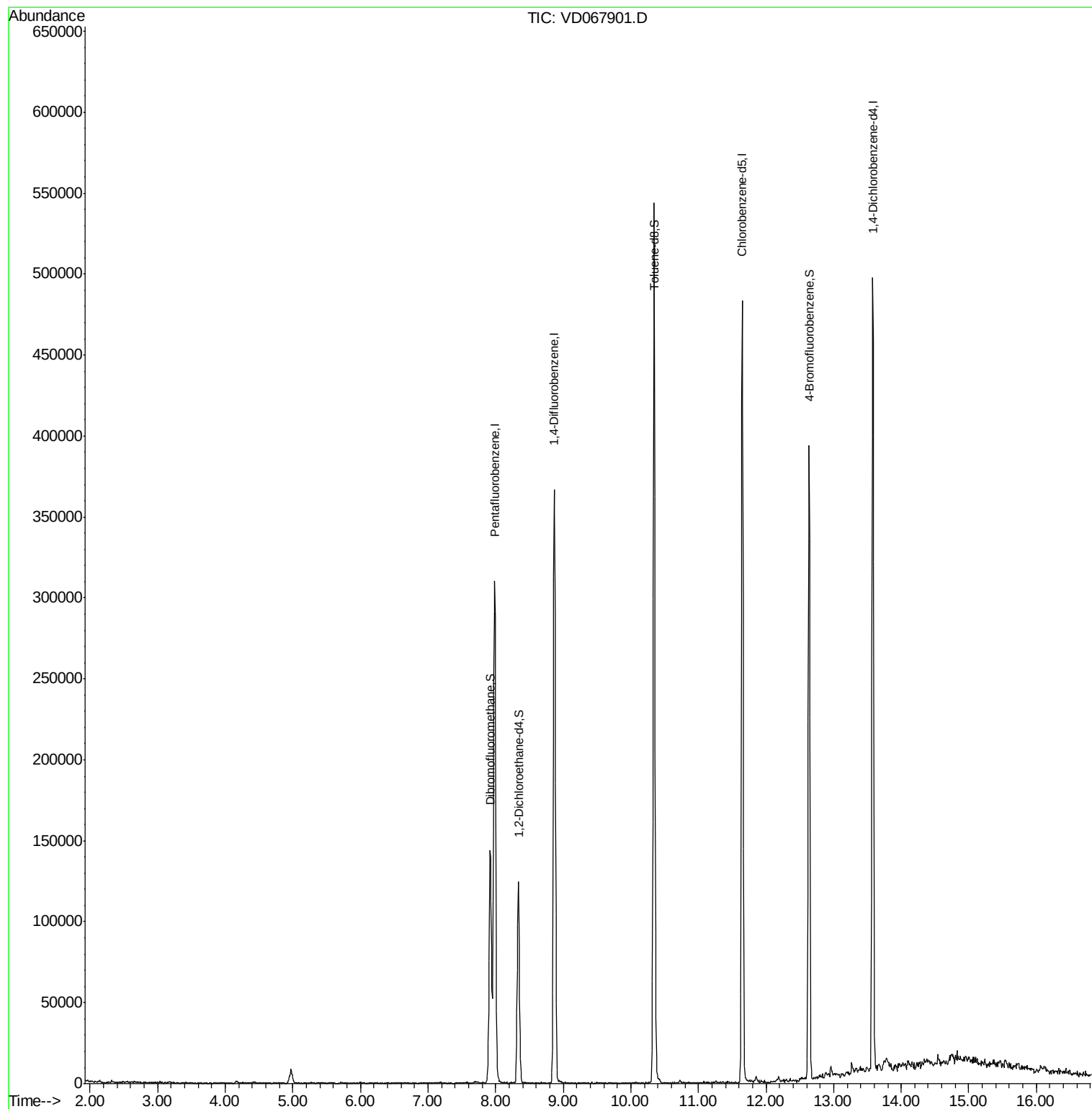
Target Compounds	Qvalue
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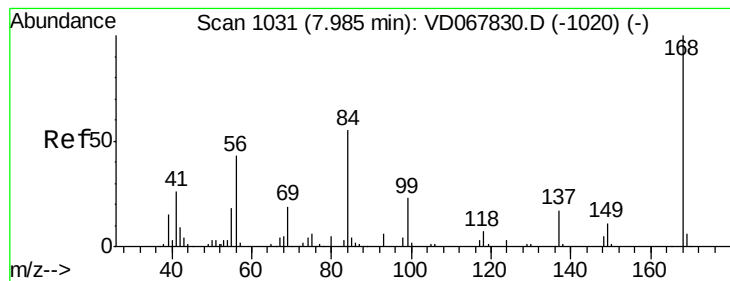
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 02 08:05:58 2020
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: VD067901.D

Acq: 07 Dec 2020 15:58

Instrument :

MSVOA_D

ClientSampleId :

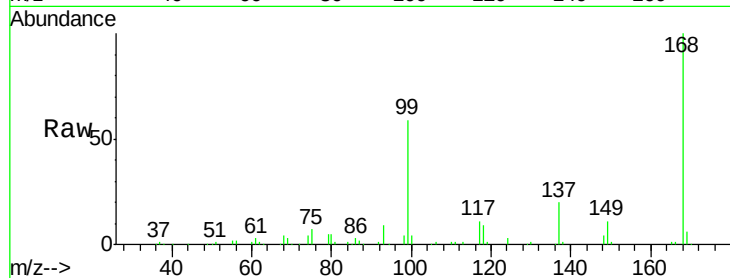
TR-05-120720

Tot Ion:168 Resp: 236305

Ion Ratio Lower Upper

168 100

99 59.2 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

60000

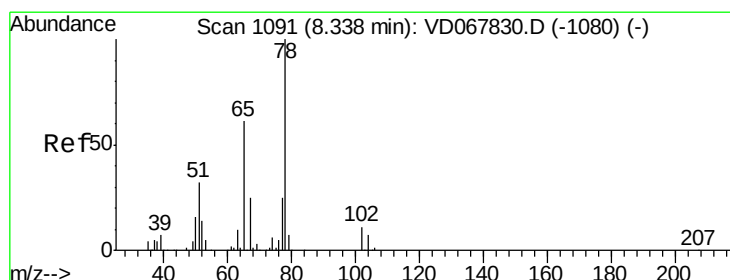
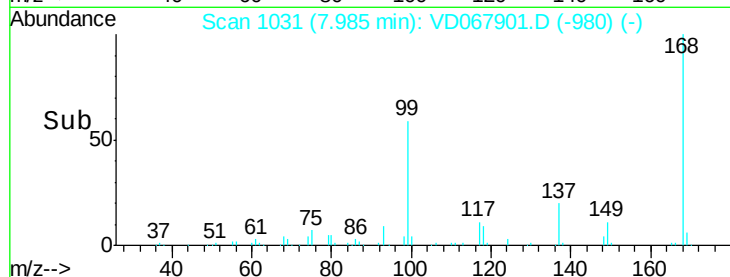
40000

20000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 45.380 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067901.D

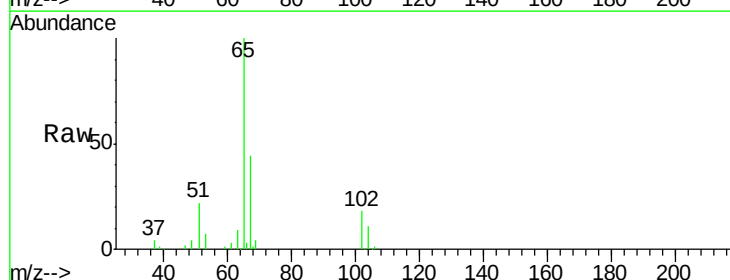
Acq: 07 Dec 2020 15:58

Tgt Ion: 65 Resp: 115121

Ion Ratio Lower Upper

65 100

67 47.4 0.0 92.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

60000

50000

40000

30000

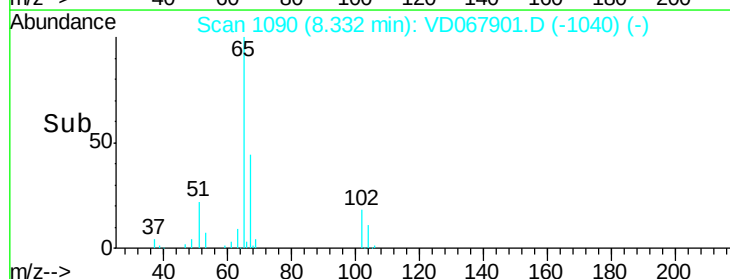
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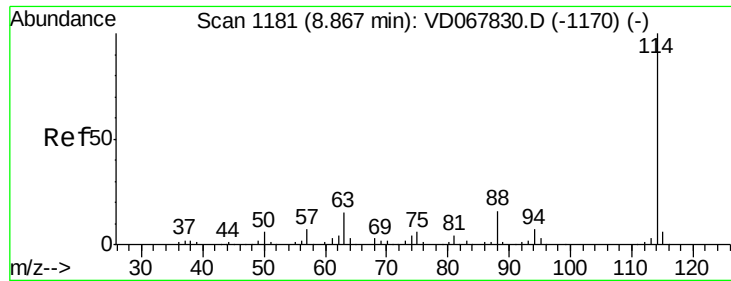
10000

0

Time-->

8.30 8.40

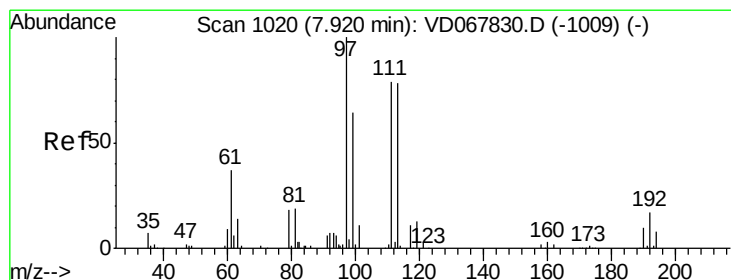
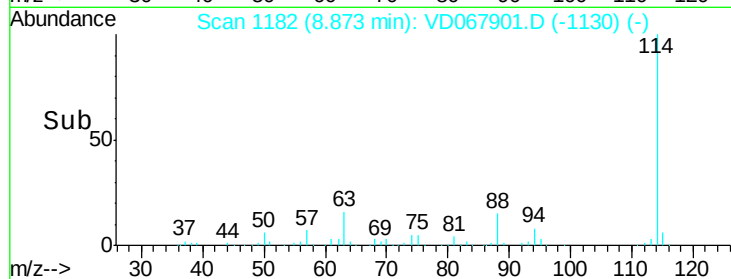
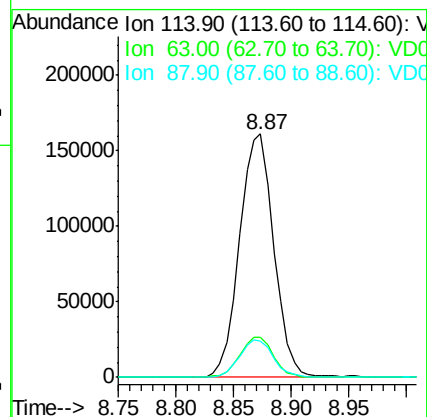
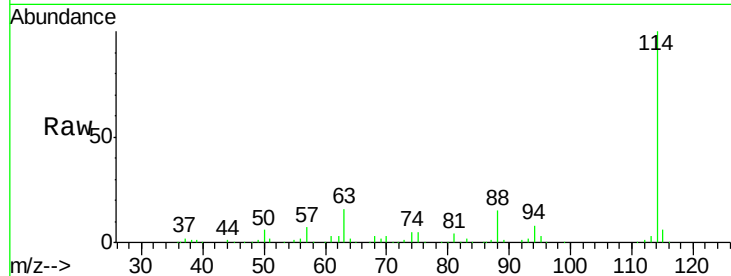




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD067901.D
 Acq: 07 Dec 2020 15:58

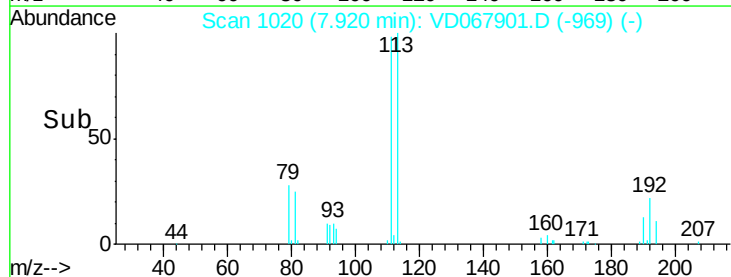
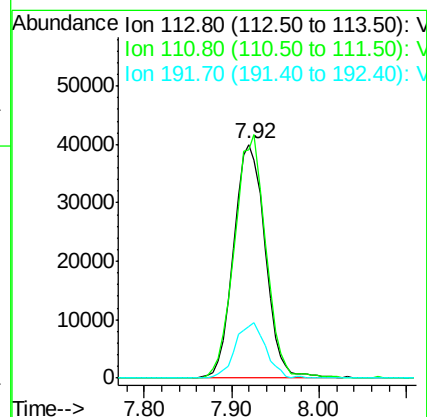
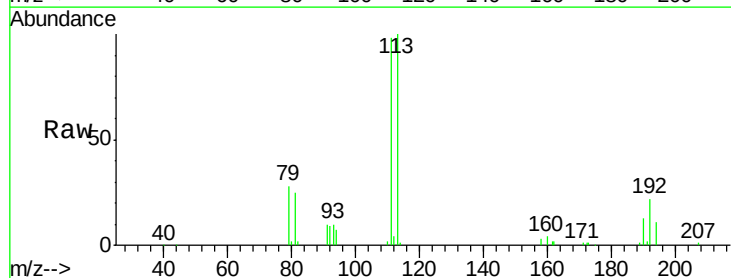
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-120720

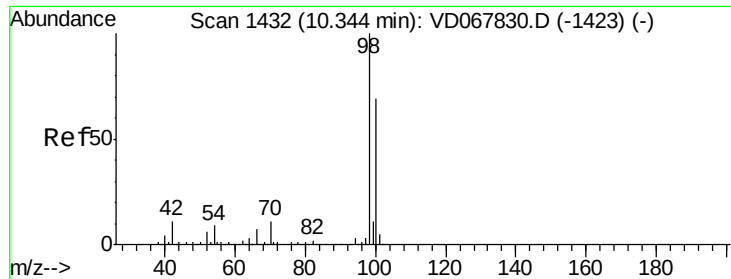
Tot Ion:114 Resp: 331352
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 30.8
 88 14.7 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 44.221 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067901.D
 Acq: 07 Dec 2020 15:58

Tgt Ion:113 Resp: 98047
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.2 121.8
 192 22.4 16.8 25.2





#50

Toluene-d8

Concen: 46.360 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067901.D

Acq: 07 Dec 2020 15:58

Instrument :

MSVOA_D

ClientSampleId :

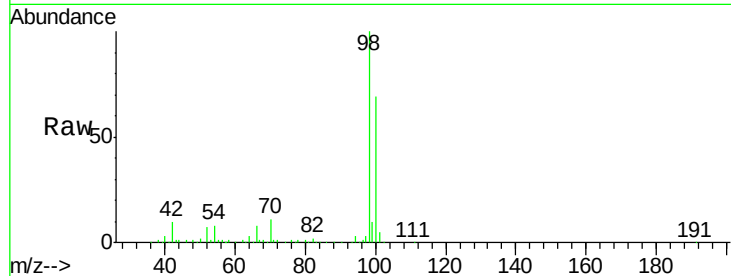
TR-05-120720

Tot Ion: 98 Resp: 370027

Ion Ratio Lower Upper

98 100

100 67.0 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

200000

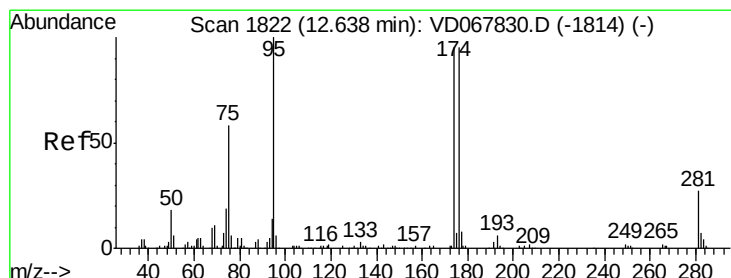
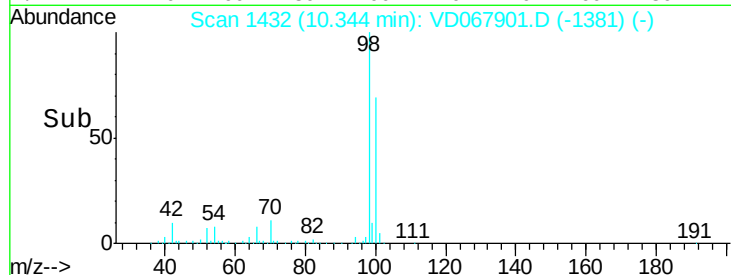
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.027 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067901.D

Acq: 07 Dec 2020 15:58

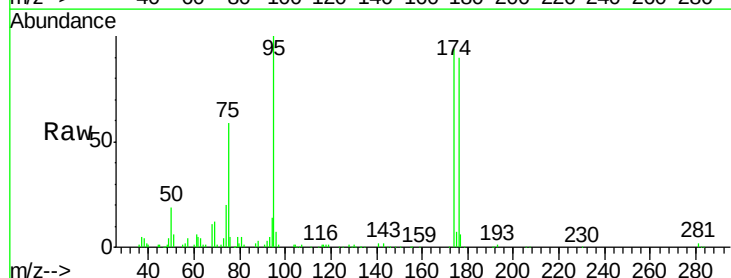
Tgt Ion: 95 Resp: 118730

Ion Ratio Lower Upper

95 100

174 95.5 0.0 186.0

176 91.6 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

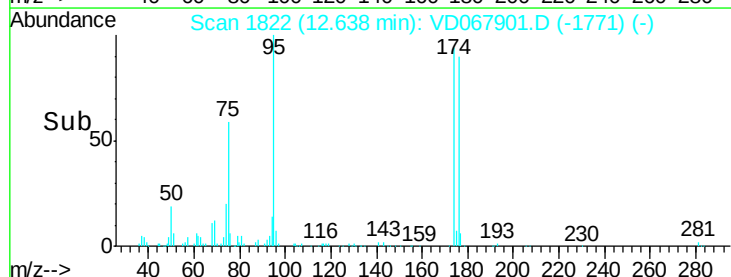
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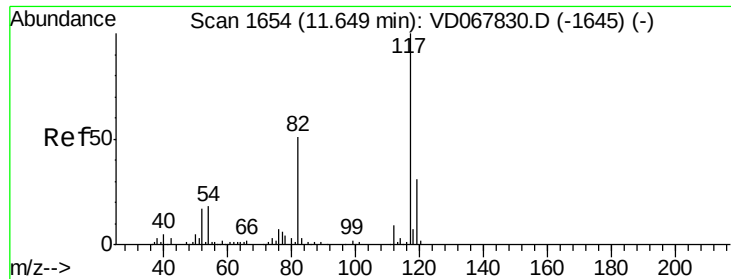
40000

20000

0

Time-->

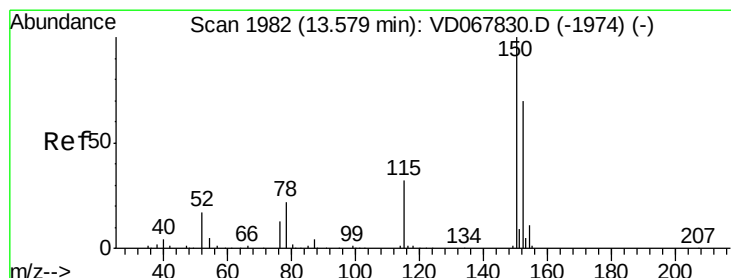
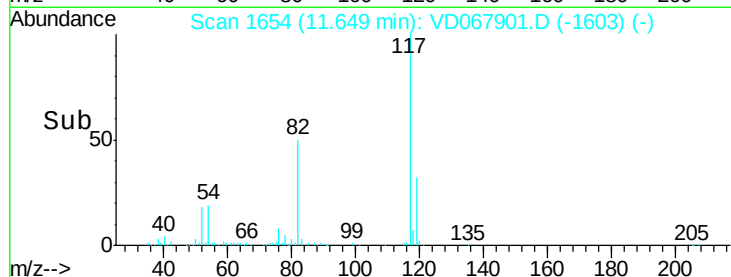
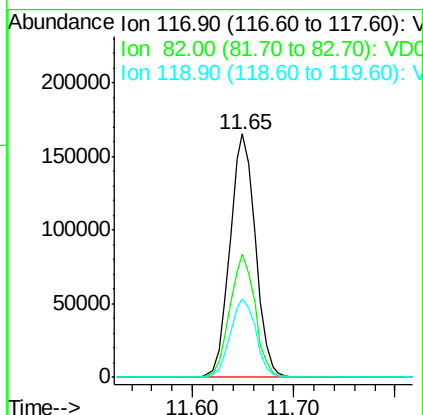
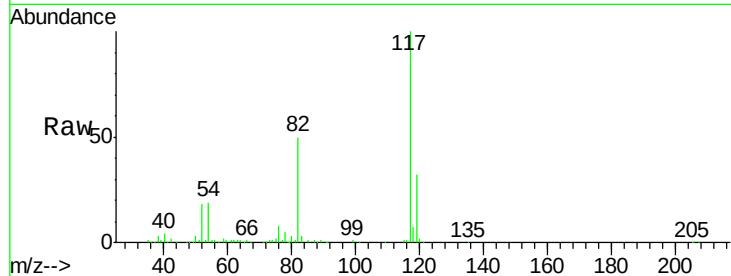




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067901.D
Acq: 07 Dec 2020 15:58

Instrument :
MSVOA_D
ClientSampleId :
TR-05-120720

Tot Ion:117 Resp: 287446
Ion Ratio Lower Upper
117 100
82 50.4 40.6 60.8
119 32.4 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: VD067901.D
Acq: 07 Dec 2020 15:58

Tgt Ion:152 Resp: 136694
Ion Ratio Lower Upper
152 100
115 58.7 29.1 87.4
150 156.0 0.0 339.0

