

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120820\
 Data File : VD067914.D
 Acq On : 08 Dec 2020 16:00
 Operator : VA/SY
 Sample : L4982-01
 Misc : 4.46G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-36-5-WC

Quant Time: Dec 09 04:53:25 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	245839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	337407	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	297508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	147811	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	116025	43.96	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.92%
35) Dibromofluoromethane	7.92	113	102484	45.39	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.78%
50) Toluene-d8	10.34	98	382398	47.05	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.10%
62) 4-Bromofluorobenzene	12.64	95	124381	44.27	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.54%

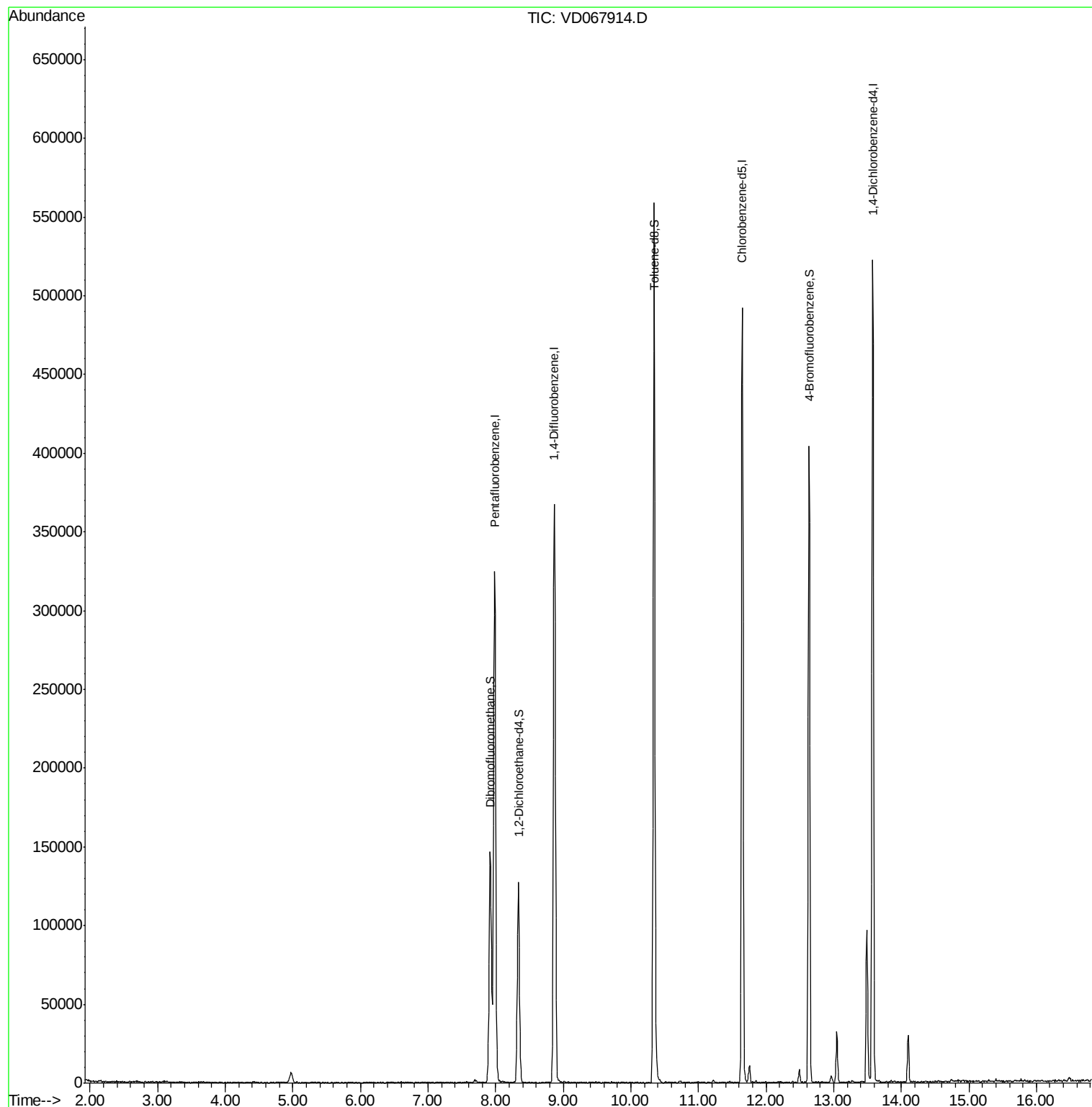
Target Compounds	Qvalue
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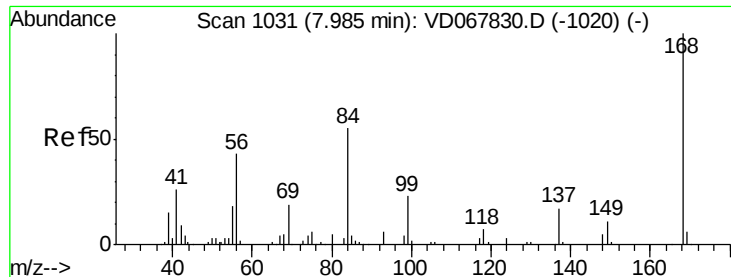
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067914.D

Acq: 08 Dec 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

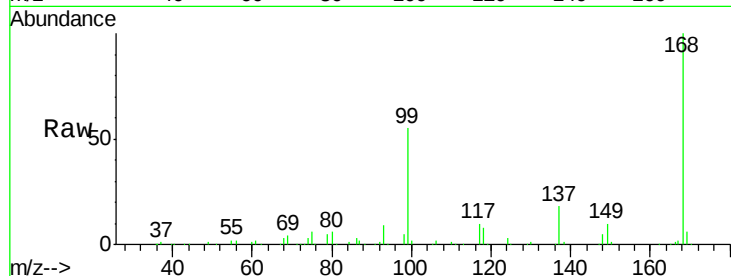
R-LA-36-5-WC

Tot Ion:168 Resp: 245839

Ion Ratio Lower Upper

168 100

99 55.0 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

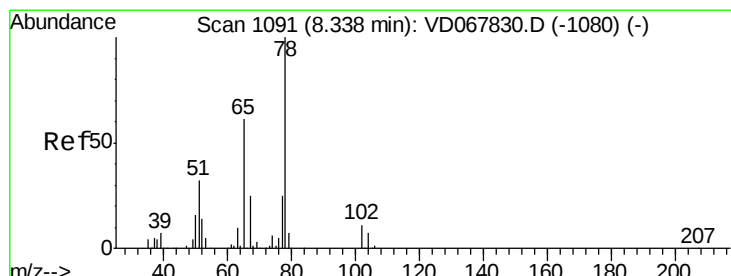
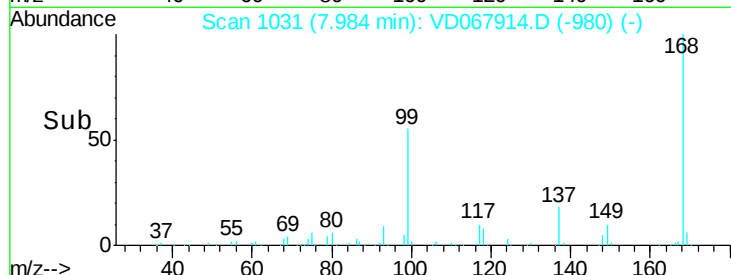
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 43.962 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067914.D

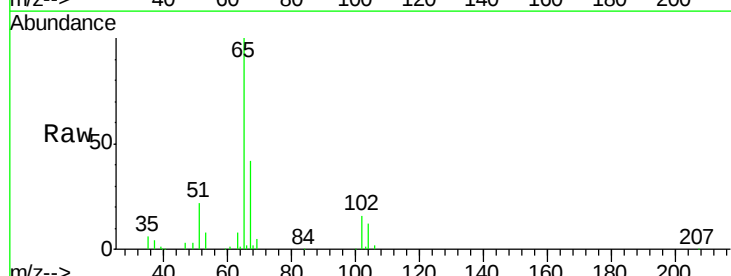
Acq: 08 Dec 2020 16:00

Tgt Ion: 65 Resp: 116025

Ion Ratio Lower Upper

65 100

67 44.8 0.0 92.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

60000

50000

40000

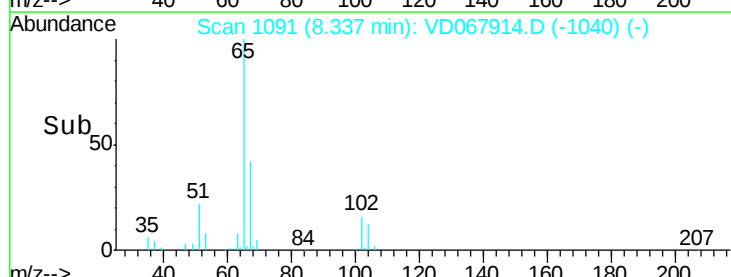
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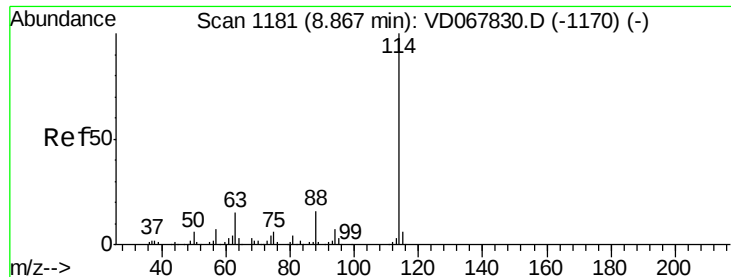
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10000

0

Time-->

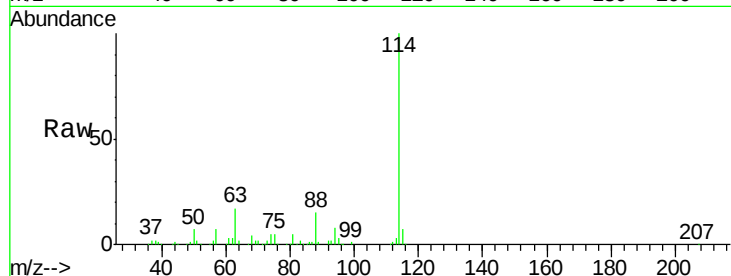




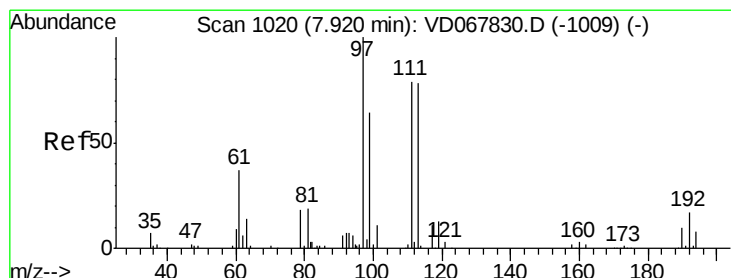
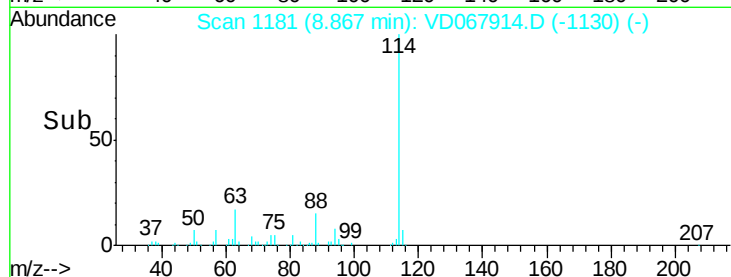
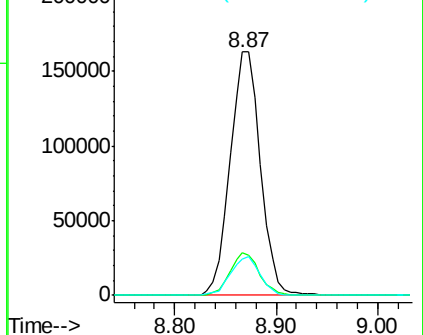
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD067914.D
Acq: 08 Dec 2020 16:00

Instrument :
MSVOA_D
ClientSampleId :
R-LA-36-5-WC

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	30.8
88	15.2	0.0	31.8

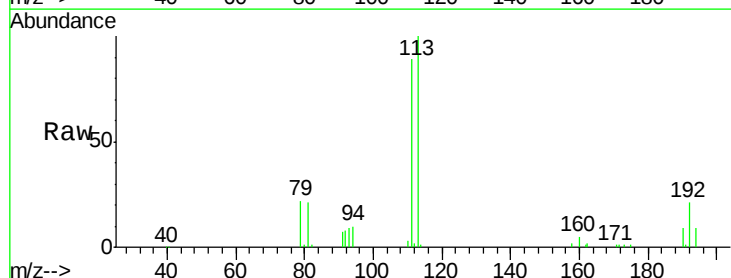


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

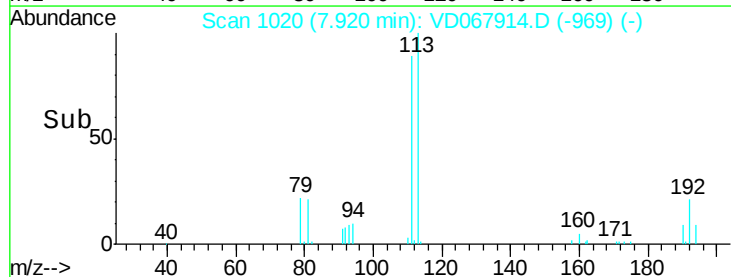
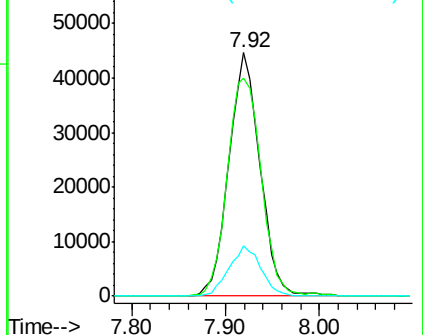


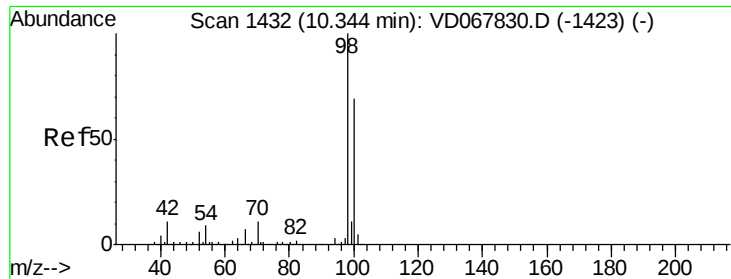
#35
Dibromofluoromethane
Concen: 45.392 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD067914.D
Acq: 08 Dec 2020 16:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	98.5	81.2	121.8
192	21.1	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: 47.050 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067914.D

Acq: 08 Dec 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

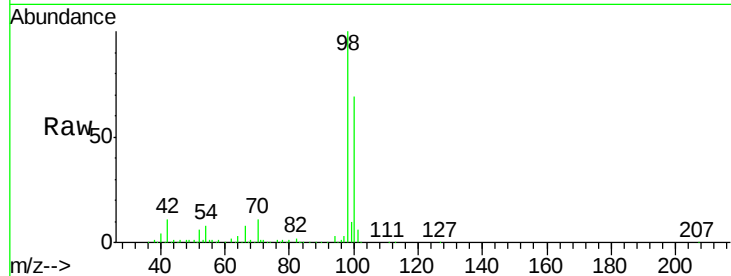
R-LA-36-5-WC

Tot Ion: 98 Resp: 382398

Ion Ratio Lower Upper

98 100

100 66.2 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

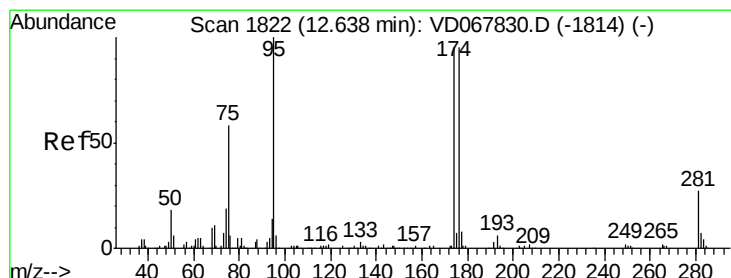
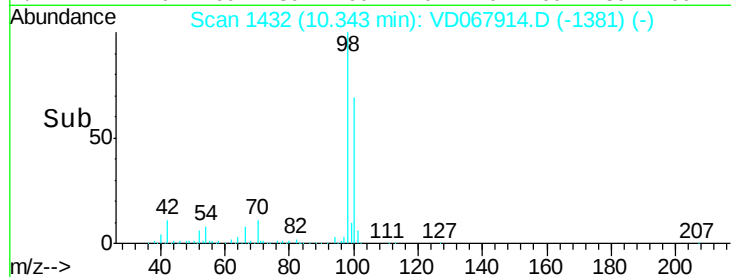
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.266 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067914.D

Acq: 08 Dec 2020 16:00

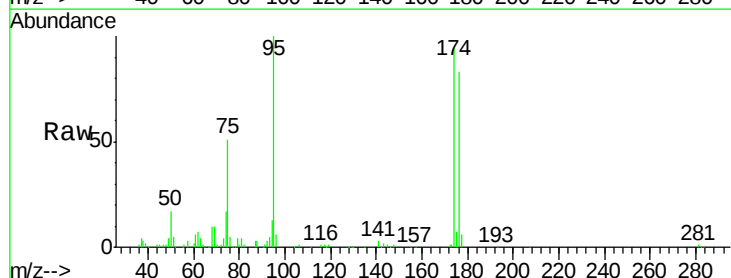
Tgt Ion: 95 Resp: 124381

Ion Ratio Lower Upper

95 100

174 95.0 0.0 186.0

176 88.8 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

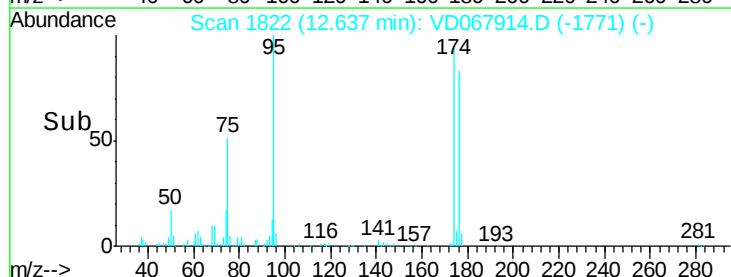
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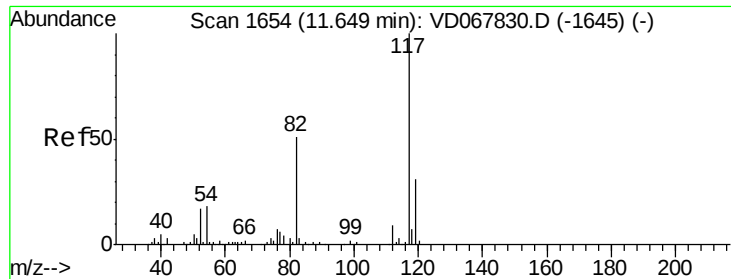
40000

20000

0

Time-->

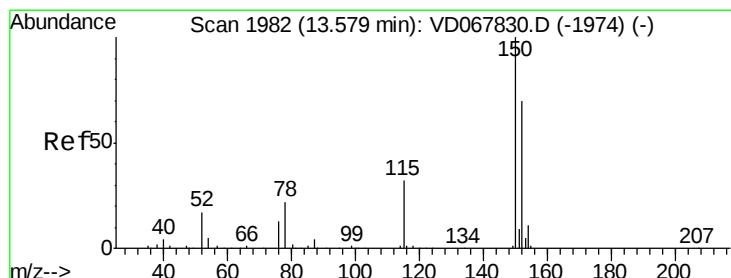
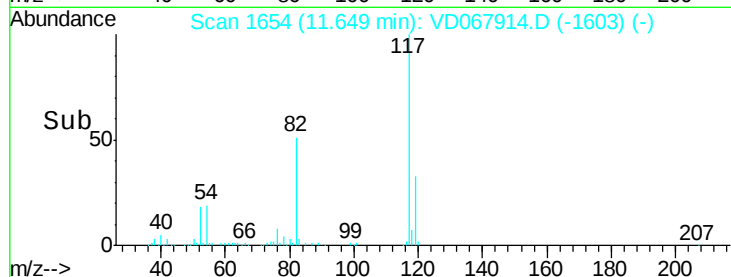
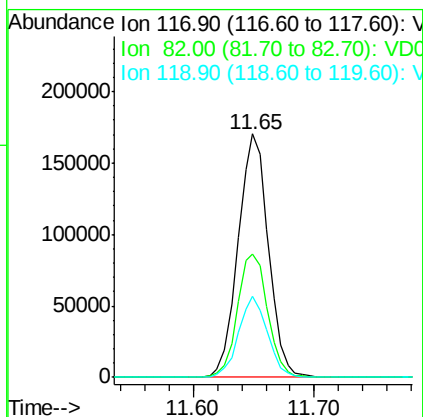
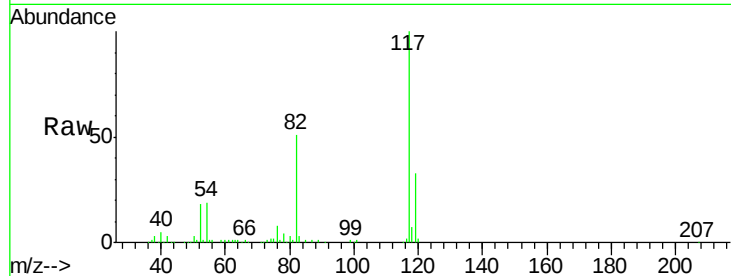




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067914.D
Acq: 08 Dec 2020 16:00

Instrument :
MSVOA_D
ClientSampleId :
R-LA-36-5-WC

Tot Ion:117 Resp: 297508
Ion Ratio Lower Upper
117 100
82 50.6 40.6 60.8
119 33.1 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: VD067914.D
Acq: 08 Dec 2020 16:00

Tgt Ion:152 Resp: 147811
Ion Ratio Lower Upper
152 100
115 58.0 29.1 87.4
150 153.0 0.0 339.0

