

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032720\
 Data File : VD065540.D
 Acq On : 27 Mar 2020 13:20
 Operator : VA/SY
 Sample : L2040-07
 Misc : 6.76G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-11986

Quant Time: Mar 30 07:16:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:47:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	491990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	876651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	831210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	388274	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	247733	60.49	ug/l	0.00
Spiked Amount			Recovery	=	120.98%	
35) Dibromofluoromethane	7.92	113	286150	52.88	ug/l	0.00
Spiked Amount			Recovery	=	105.76%	
50) Toluene-d8	10.34	98	1029957	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.64	95	337617	52.36	ug/l	0.00
Spiked Amount			Recovery	=	104.72%	

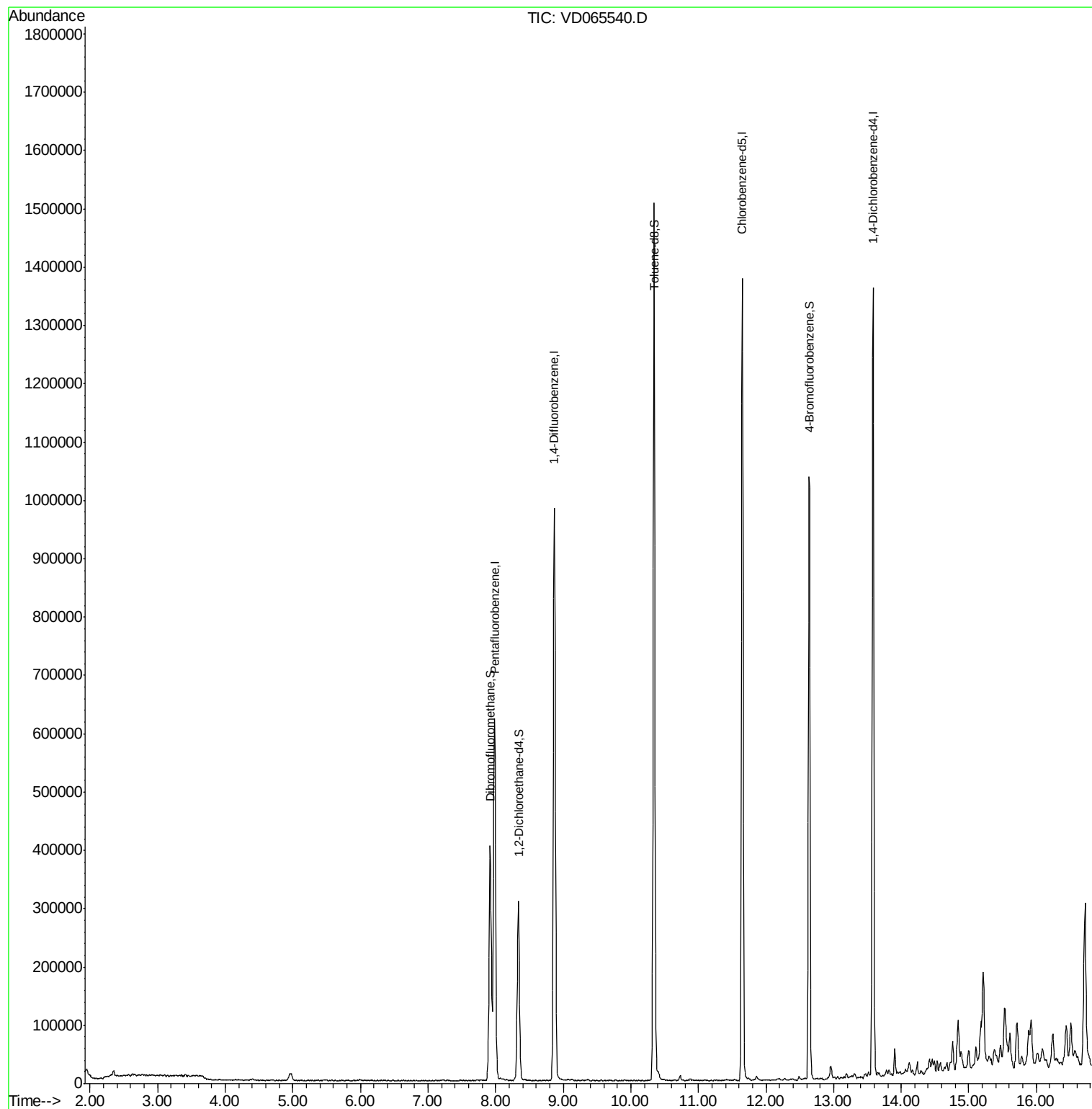
Target Compounds	Qvalue
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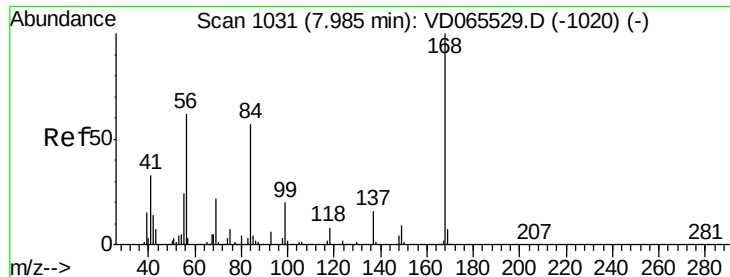
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065540.D

Acq: 27 Mar 2020 13:20

Instrument :

MSVOA_D

ClientSampleId :

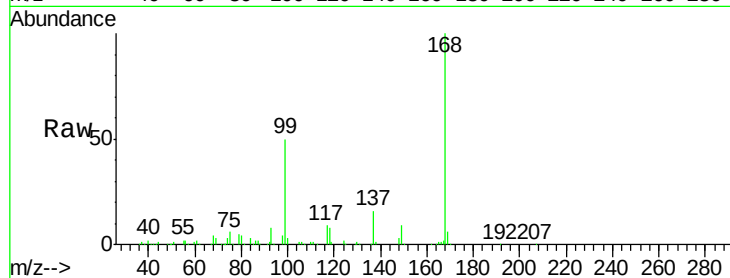
RO-11986

Tot Ion:168 Resp: 491990

Ion Ratio Lower Upper

168 100

99 49.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

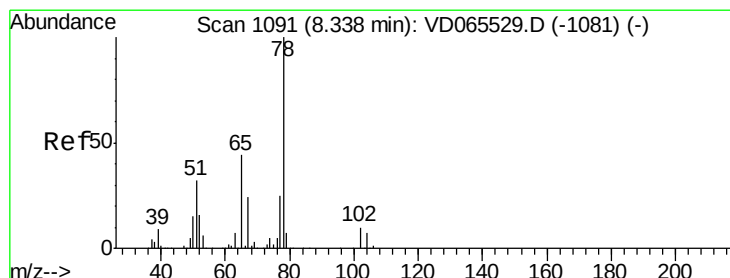
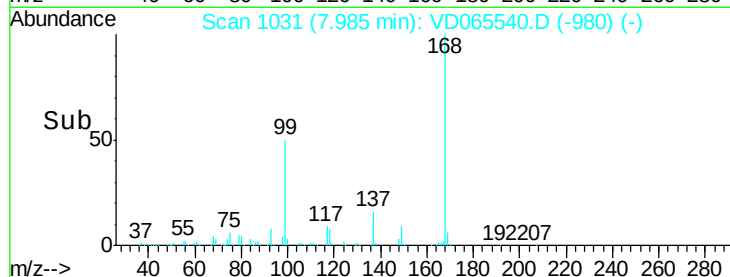
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.490 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065540.D

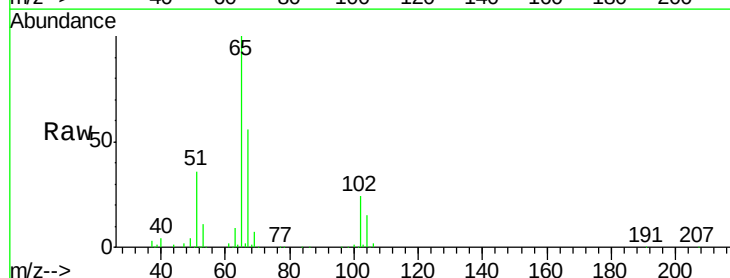
Acq: 27 Mar 2020 13:20

Tgt Ion: 65 Resp: 247733

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

120000

100000

80000

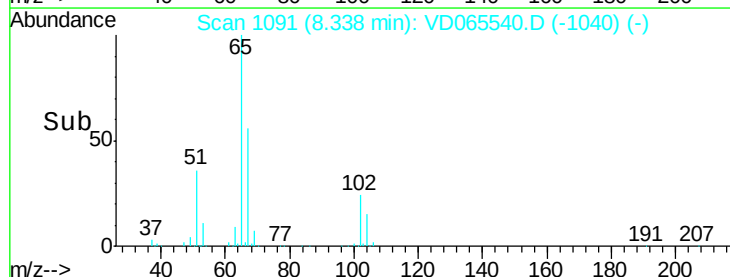
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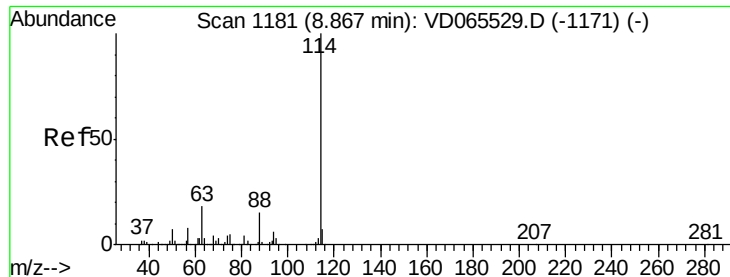
40000

20000

0

Time-->

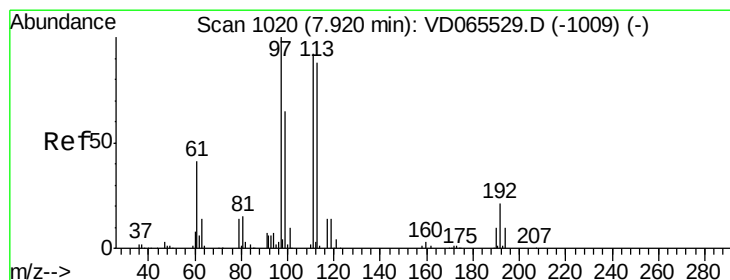
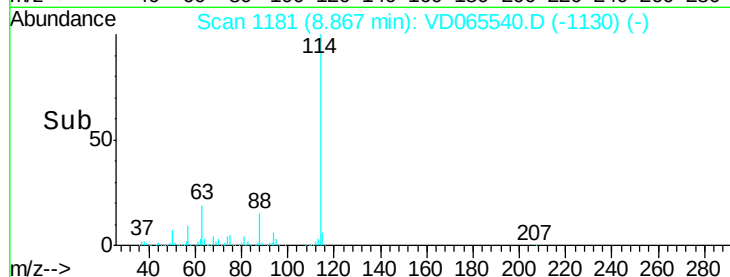
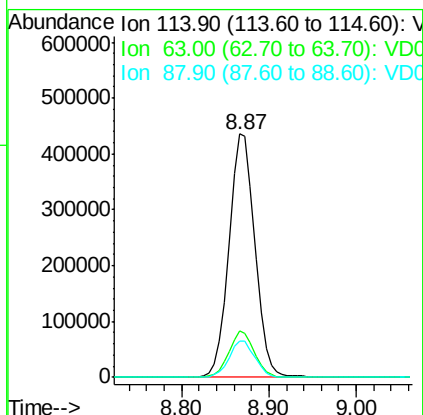
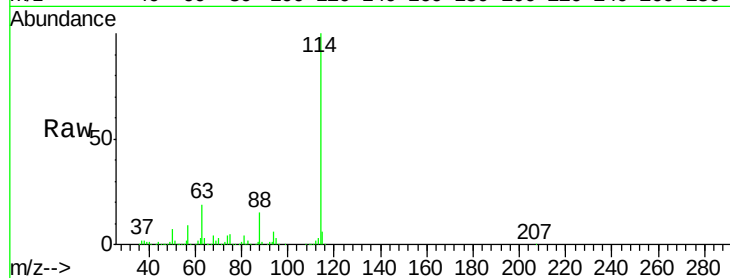




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065540.D
 Acq: 27 Mar 2020 13:20

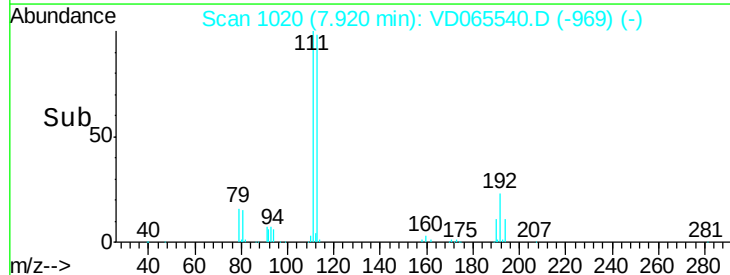
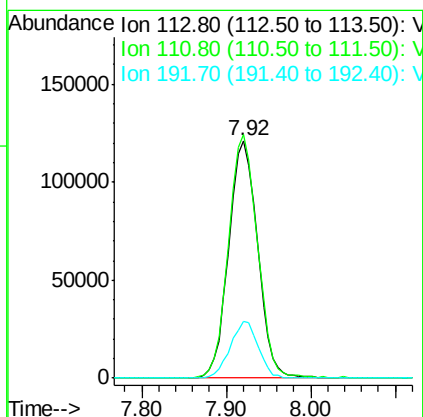
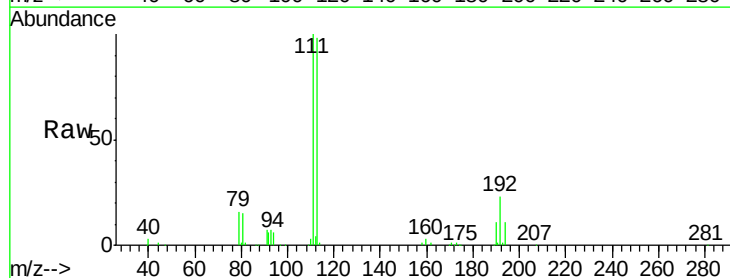
Instrument :
 MSVOA_D
 ClientSampleId :
 RO-11986

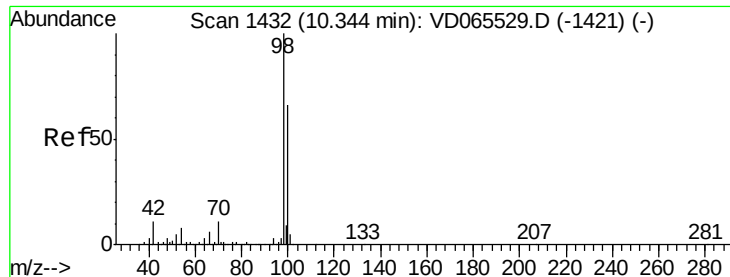
Tot Ion:114 Resp: 876651
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.0
 88 14.7 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 52.882 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065540.D
 Acq: 27 Mar 2020 13:20

Tgt Ion:113 Resp: 286150
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.3 124.9
 192 23.2 18.5 27.7





#50

Toluene-d8

Concen: 50.700 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065540.D

Acq: 27 Mar 2020 13:20

Instrument :

MSVOA_D

ClientSampleId :

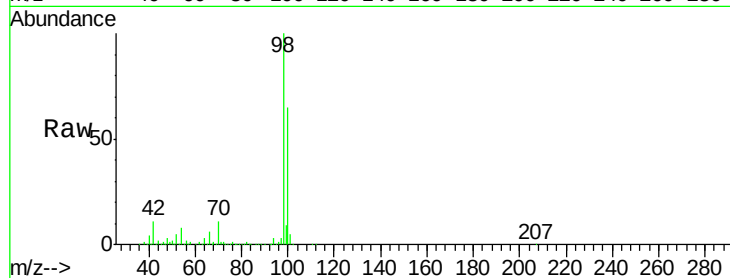
RO-11986

Tot Ion: 98 Resp: 1029957

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

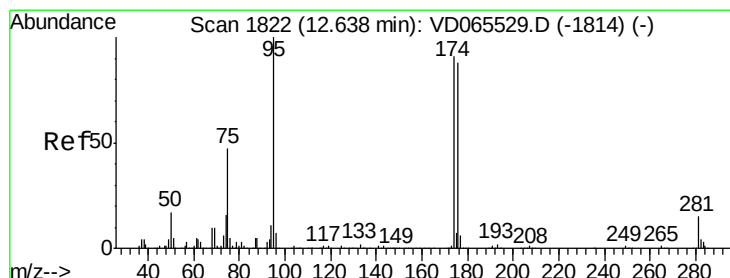
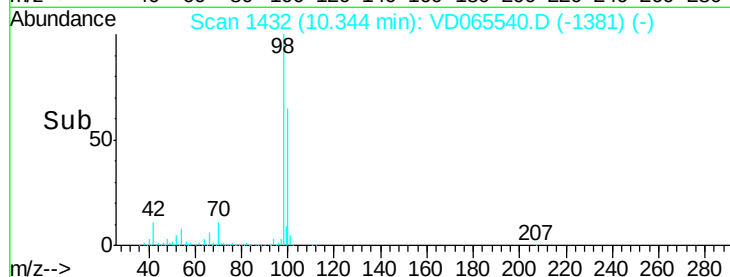
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.362 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065540.D

Acq: 27 Mar 2020 13:20

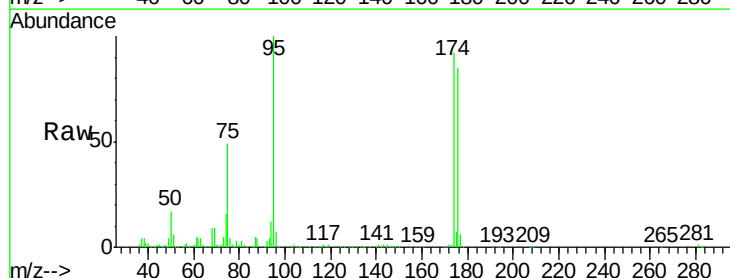
Tgt Ion: 95 Resp: 337617

Ion Ratio Lower Upper

95 100

174 92.8 0.0 183.8

176 87.3 0.0 178.2



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.64

250000

200000

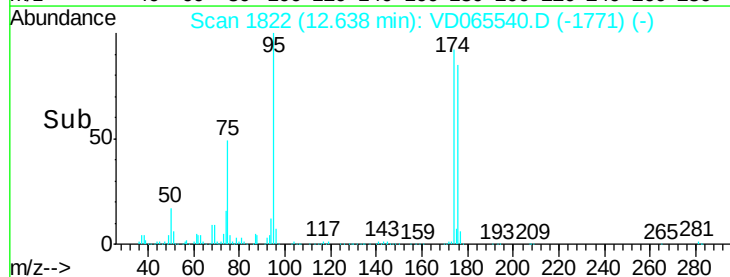
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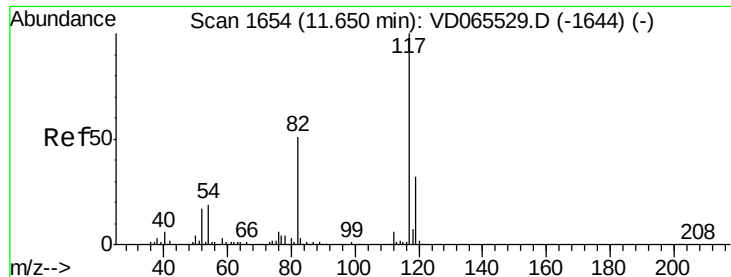
100000

50000

0

Time-->

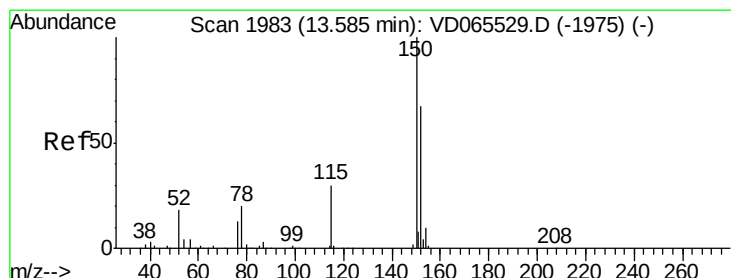
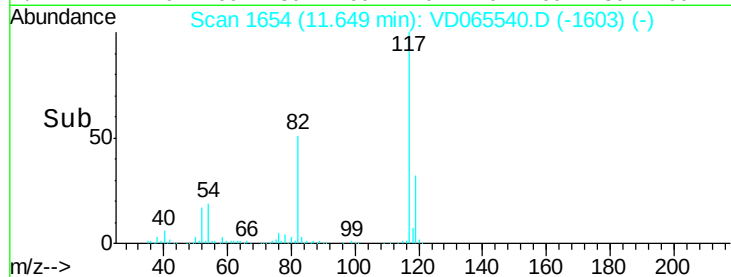
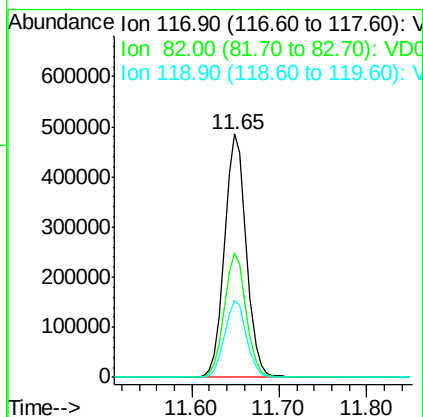
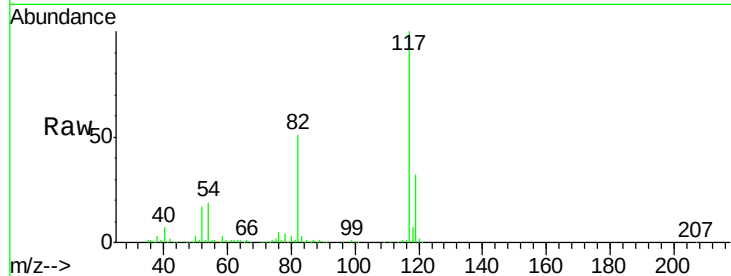




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065540.D
Acq: 27 Mar 2020 13:20

Instrument :
MSVOA_D
ClientSampleId :
RO-11986

Tot Ion:117 Resp: 831210
Ion Ratio Lower Upper
117 100
82 51.2 41.0 61.6
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065540.D
Acq: 27 Mar 2020 13:20

Tgt Ion:152 Resp: 388274
Ion Ratio Lower Upper
152 100
115 54.5 27.2 81.6
150 157.8 0.0 340.2

