

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030920\
 Data File : VD065452.D
 Acq On : 09 Mar 2020 16:20
 Operator : VA/SY
 Sample : L1844-02
 Misc : 6.20G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-15-030520

Quant Time: Mar 10 12:54:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	459528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	765479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	693873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	271815	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	236582	60.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.04%	
35) Dibromofluoromethane	7.92	113	244943	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
50) Toluene-d8	10.34	98	925998	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.64	95	285737	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	

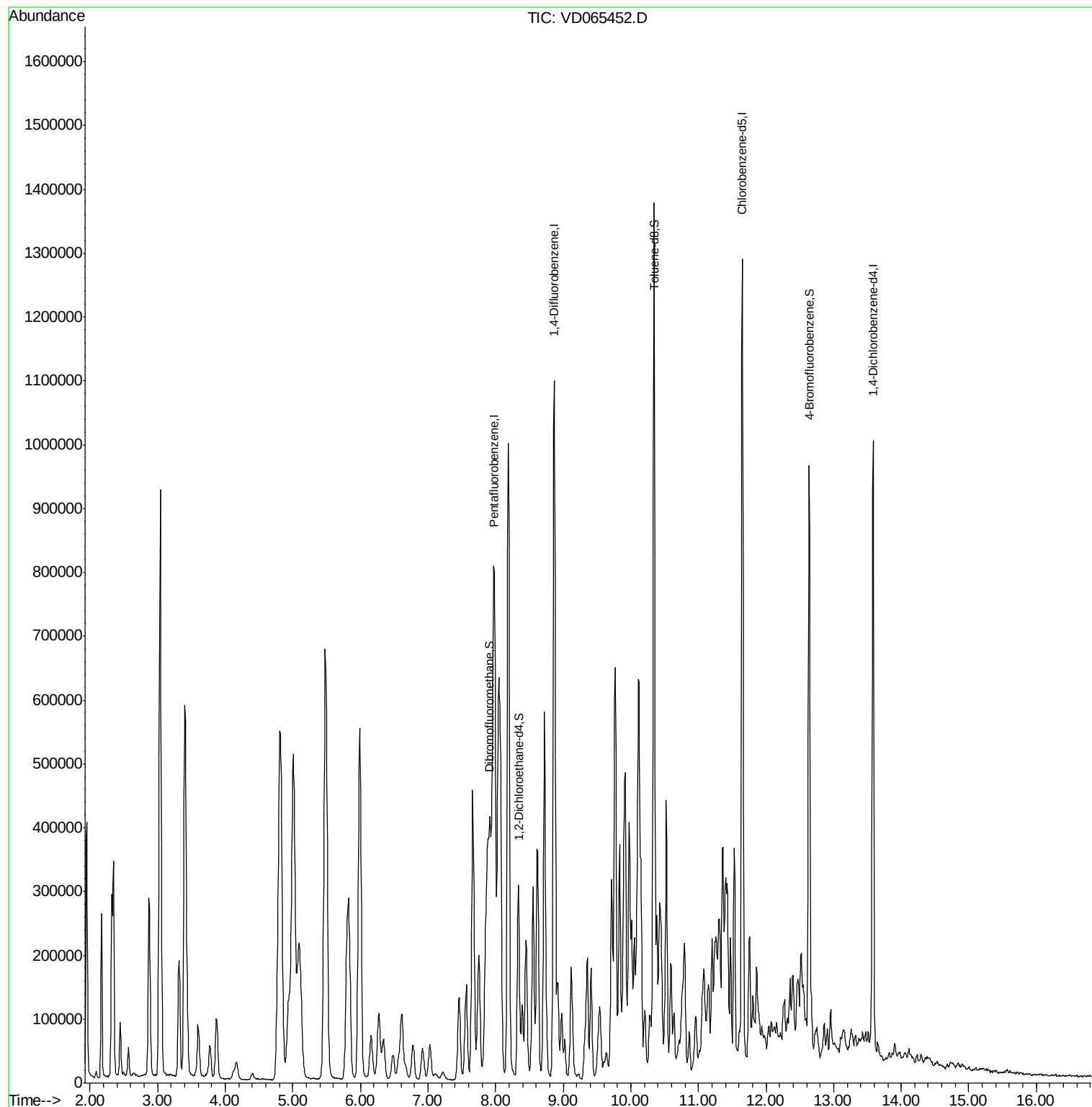
Target Compounds	Qvalue
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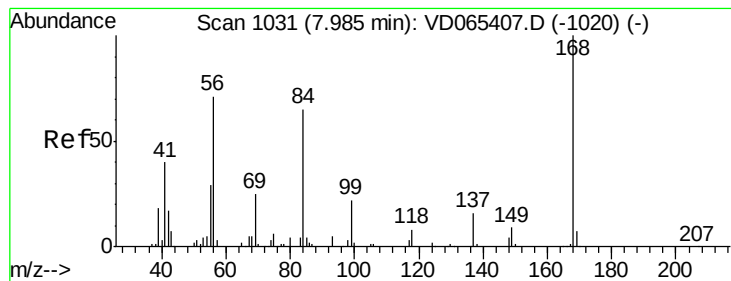
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
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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: VD065452.D

Acq: 09 Mar 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

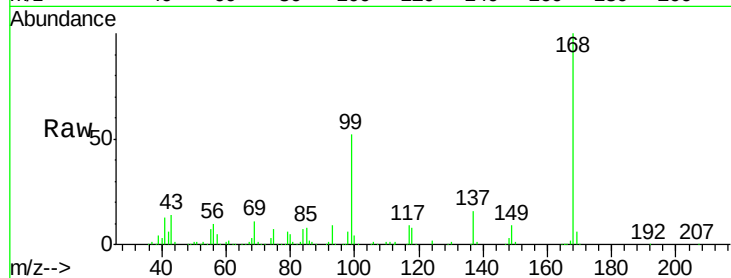
GP-15-030520

Tot Ion:168 Resp: 459528

Ion Ratio Lower Upper

168 100

99 51.8 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

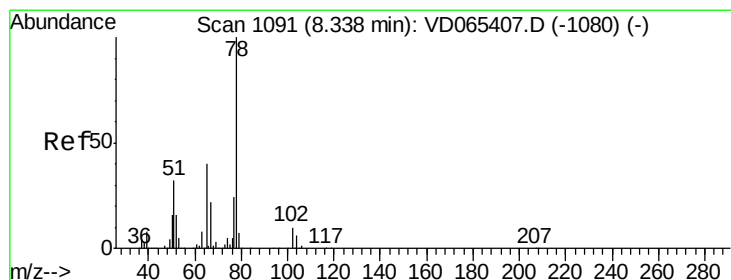
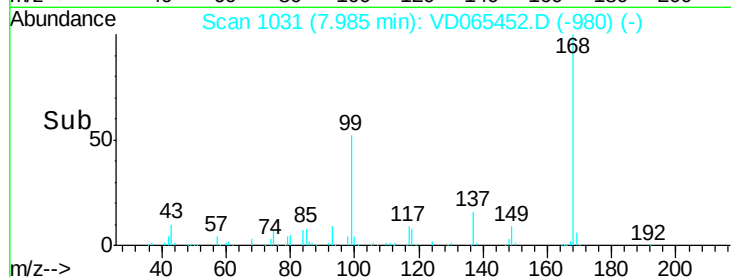
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.018 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065452.D

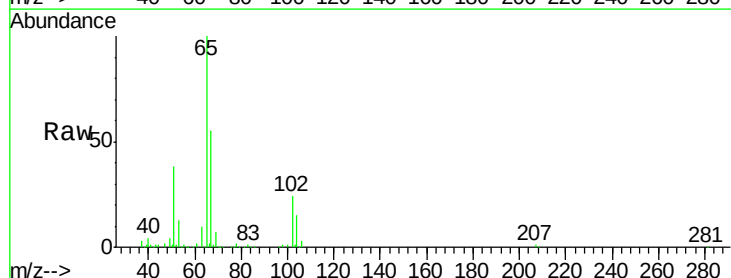
Acq: 09 Mar 2020 16:20

Tgt Ion: 65 Resp: 236582

Ion Ratio Lower Upper

65 100

67 55.3 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

120000

100000

80000

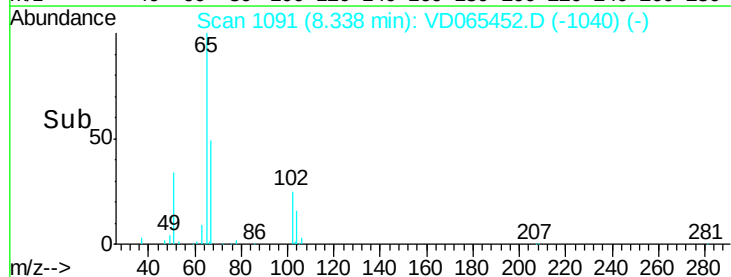
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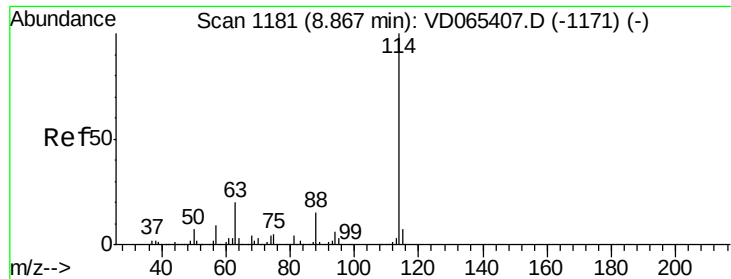
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20000

0

Time-->

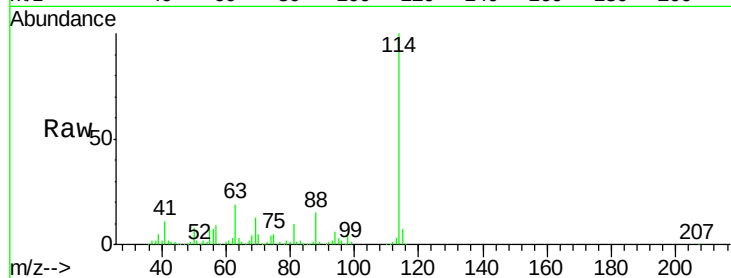




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065452.D
 Acq: 09 Mar 2020 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-15-030520

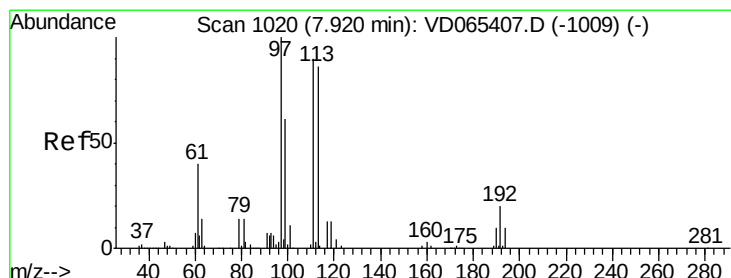
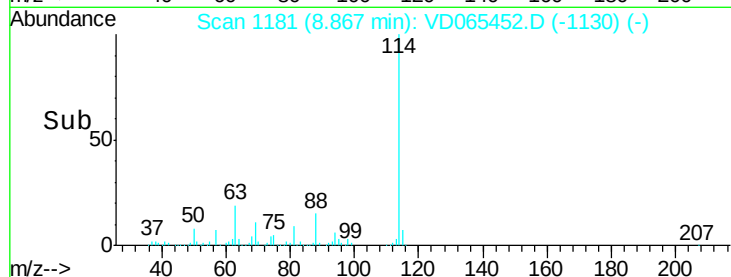
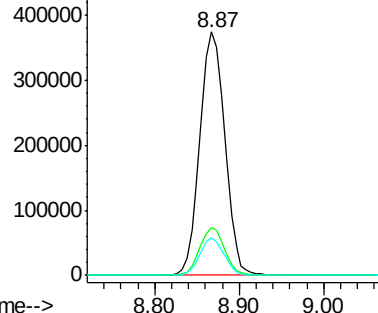
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.6
88	15.4	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

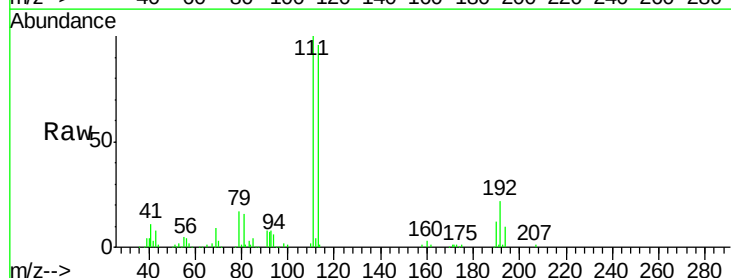
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 51.744 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065452.D
 Acq: 09 Mar 2020 16:20

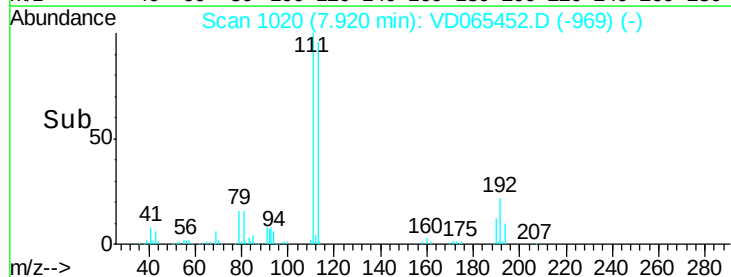
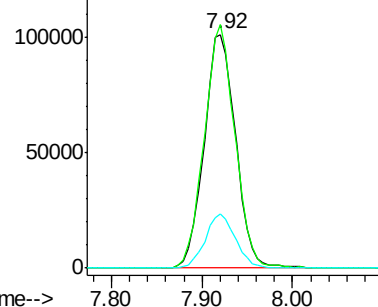
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.1	123.1
192	22.3	17.2	25.8

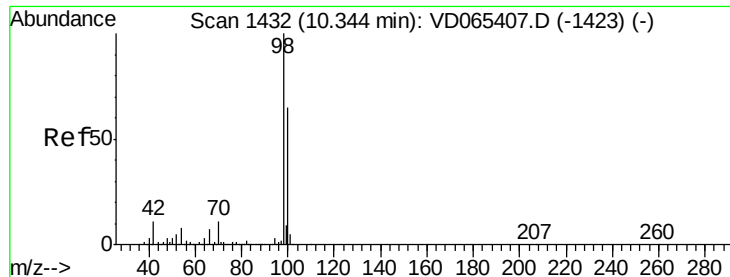


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.990 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065452.D

Acq: 09 Mar 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

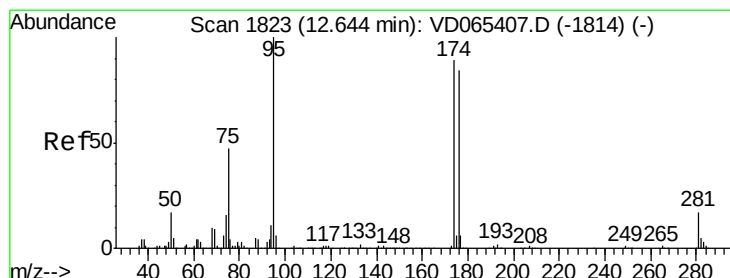
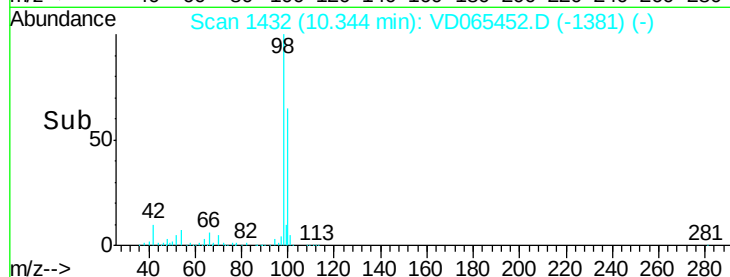
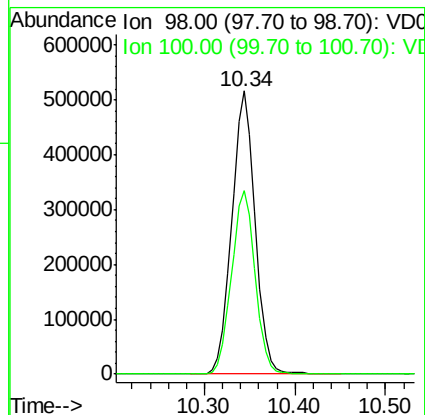
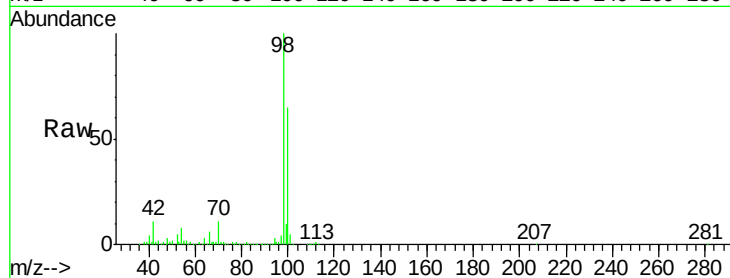
GP-15-030520

Tot Ion: 98 Resp: 925998

Ion Ratio Lower Upper

98 100

100 65.6 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 50.967 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065452.D

Acq: 09 Mar 2020 16:20

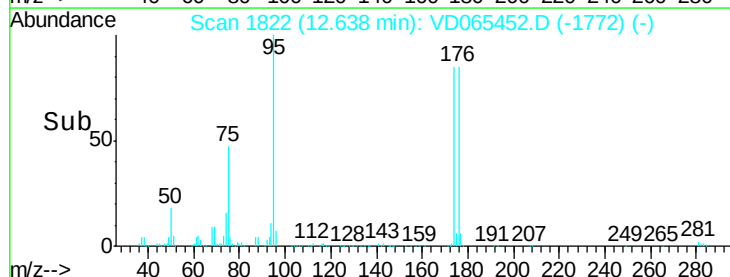
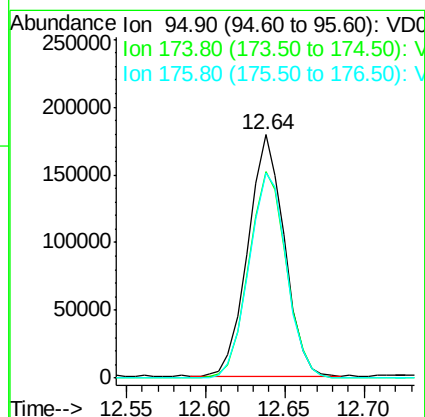
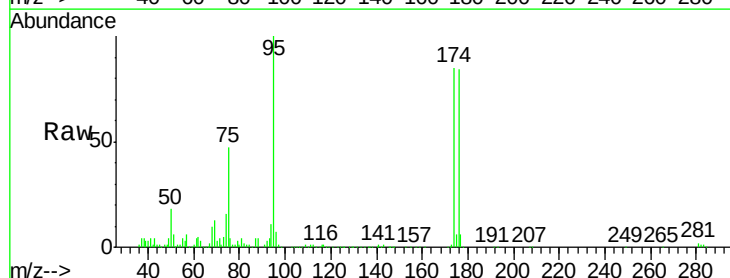
Tgt Ion: 95 Resp: 285737

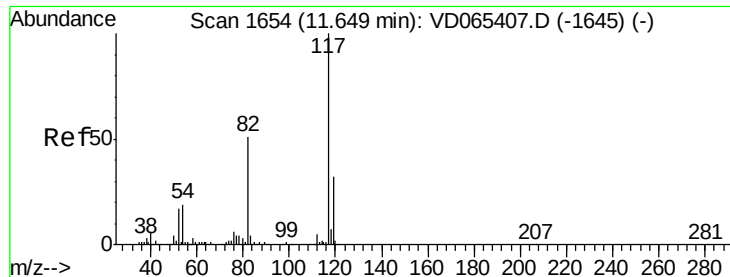
Ion Ratio Lower Upper

95 100

174 88.0 0.0 176.8

176 87.5 0.0 171.4

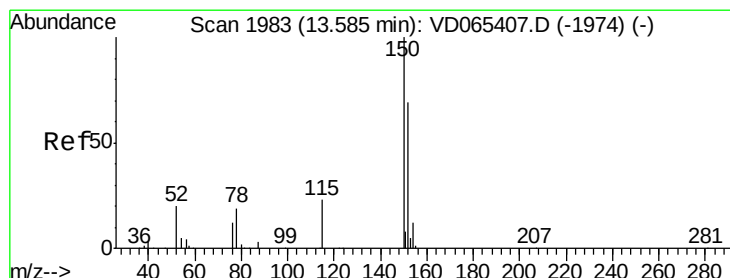
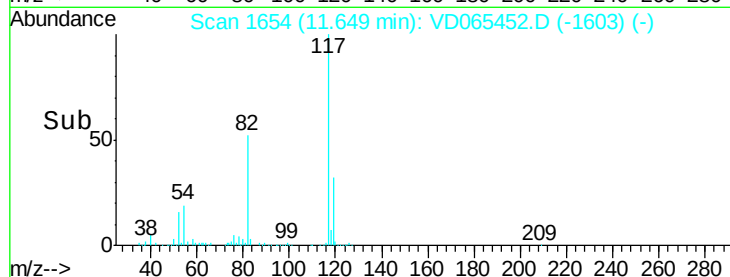
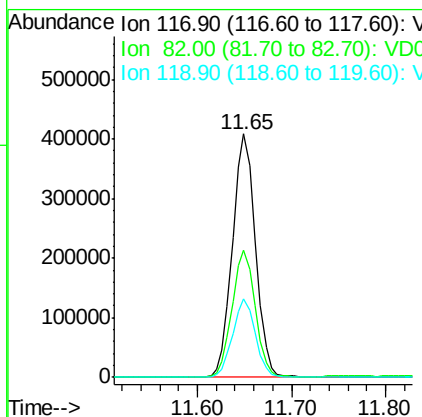
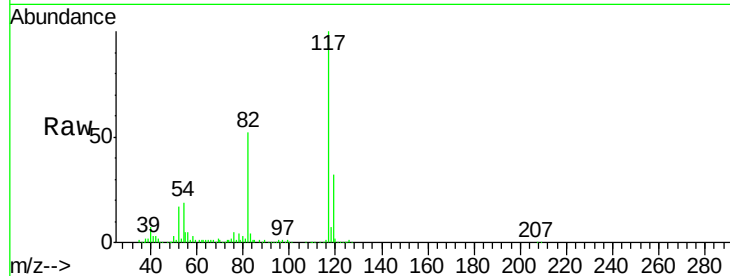




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065452.D
Acq: 09 Mar 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
GP-15-030520

Tot Ion:117 Resp: 693873
Ion Ratio Lower Upper
117 100
82 51.9 40.6 60.8
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065452.D
Acq: 09 Mar 2020 16:20

Tgt Ion:152 Resp: 271815
Ion Ratio Lower Upper
152 100
115 54.2 27.6 82.8
150 158.2 0.0 345.0

