

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052620\
 Data File : VD065760.D
 Acq On : 26 May 2020 14:22
 Operator : VA/SY
 Sample : L2498-09
 Misc : 7.84G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-052220

Quant Time: May 27 04:16:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 14:28:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	319481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	504124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	455207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	215001	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	152578	59.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.52%	
35) Dibromofluoromethane	7.92	113	158099	55.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.72%	
50) Toluene-d8	10.34	98	599982	55.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.36%	
62) 4-Bromofluorobenzene	12.64	95	203151	55.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.34%	

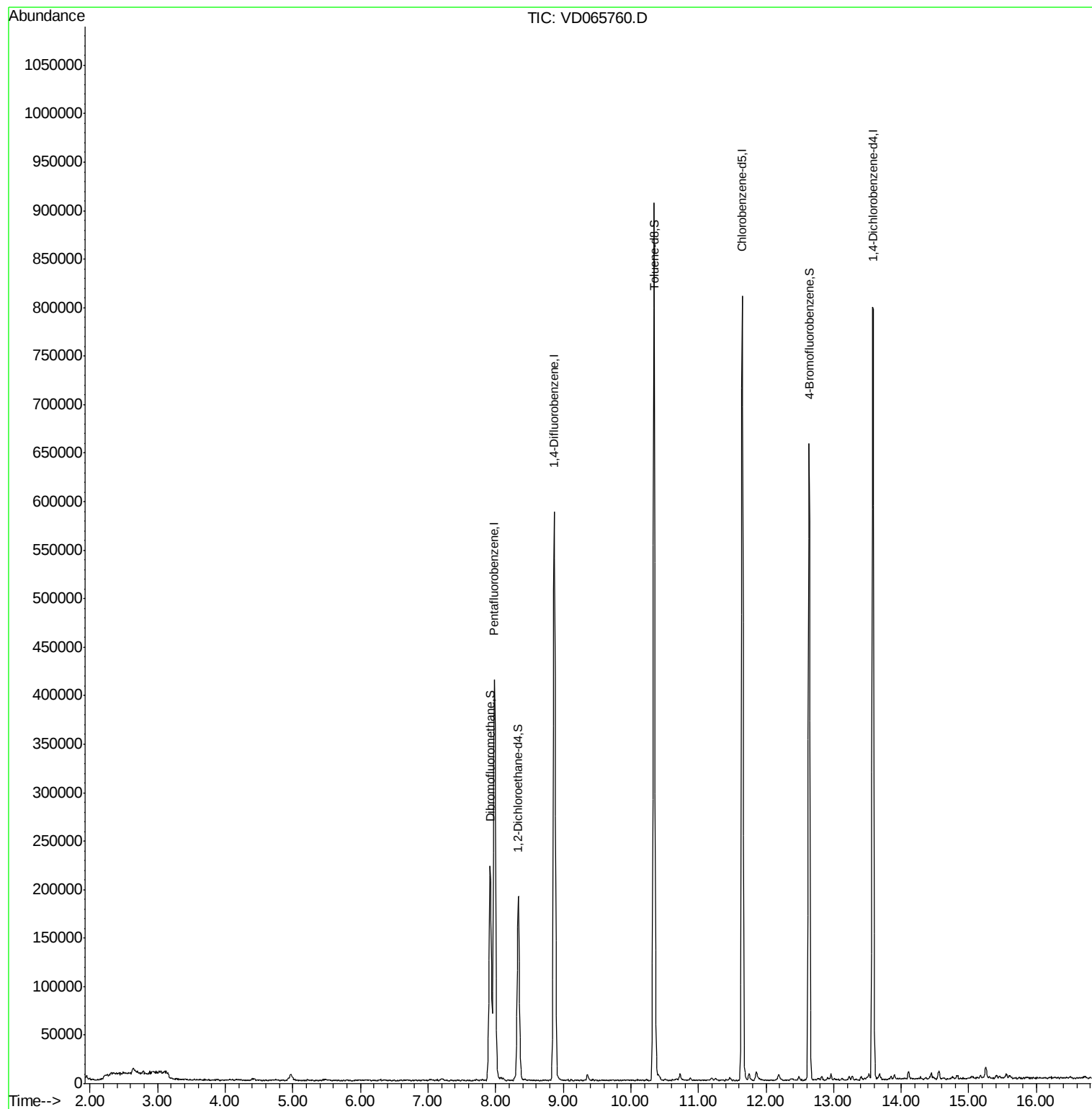
Target Compounds	Qvalue
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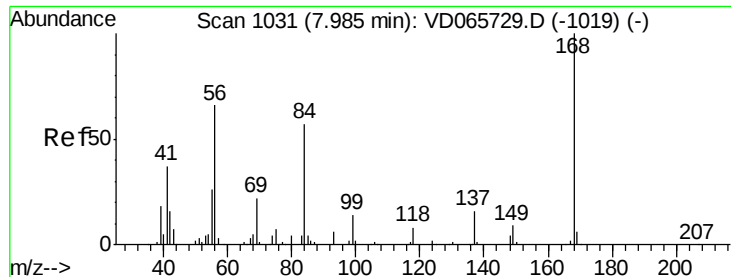
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065760.D

Acq: 26 May 2020 14:22

Instrument :

MSVOA_D

ClientSampleId :

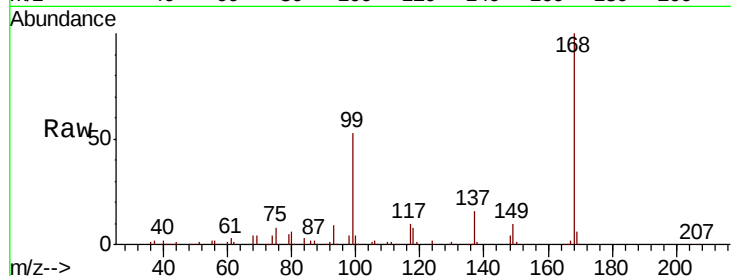
CL-01-052220

Tot Ion:168 Resp: 319481

Ion Ratio Lower Upper

168 100

99 53.2 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

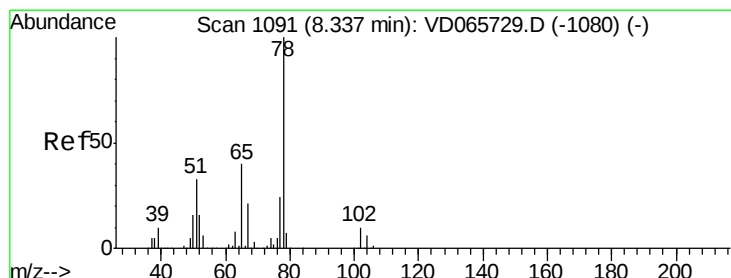
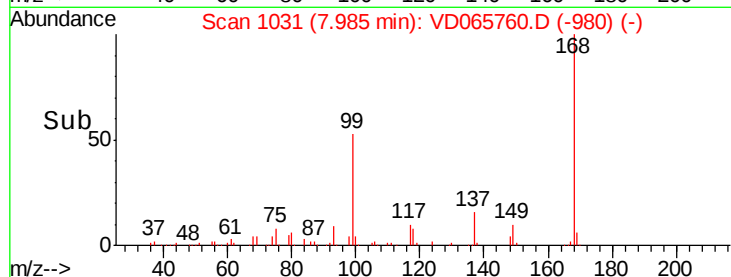
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.264 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065760.D

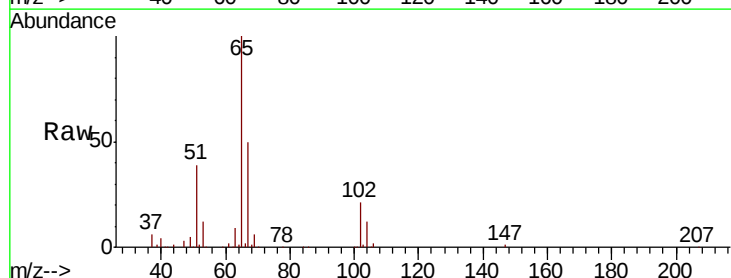
Acq: 26 May 2020 14:22

Tgt Ion: 65 Resp: 152578

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

80000

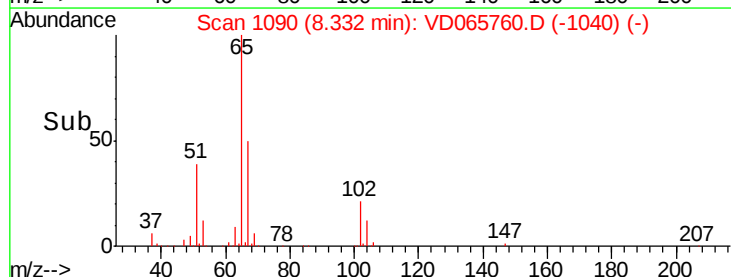
60000

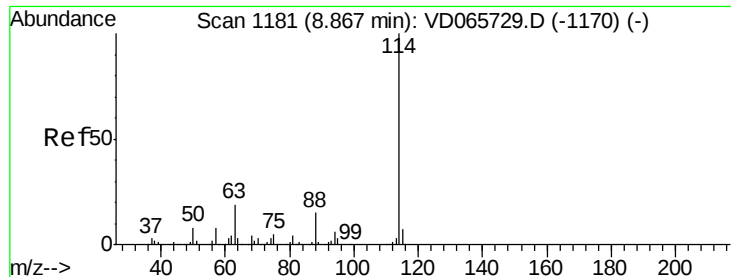
40000

20000

0

Time-->

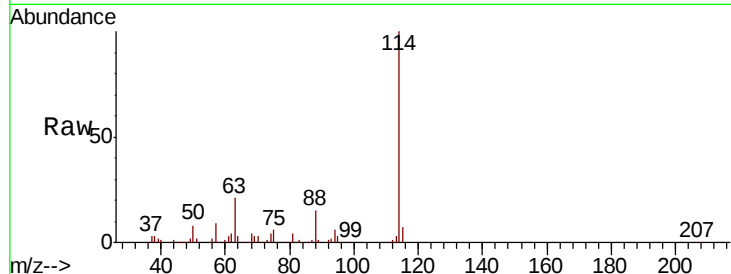




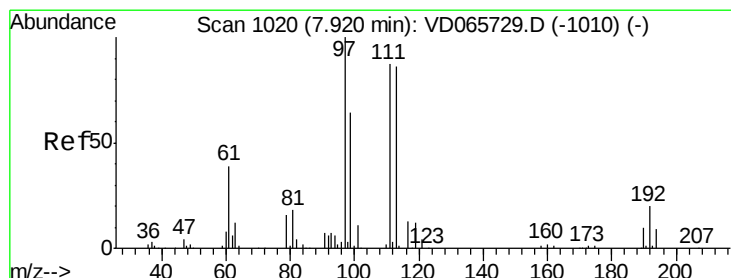
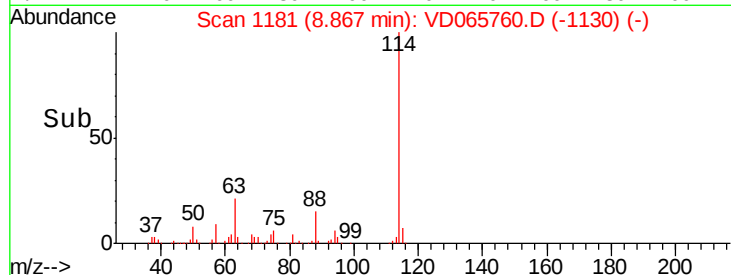
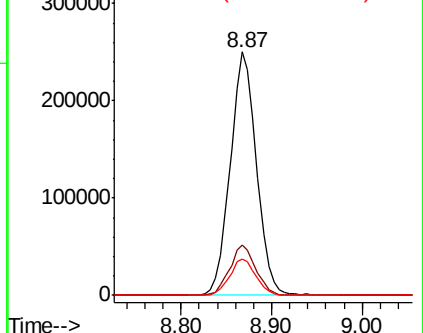
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065760.D
 Acq: 26 May 2020 14:22

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-052220

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	37.2
88	14.8	0.0	30.2

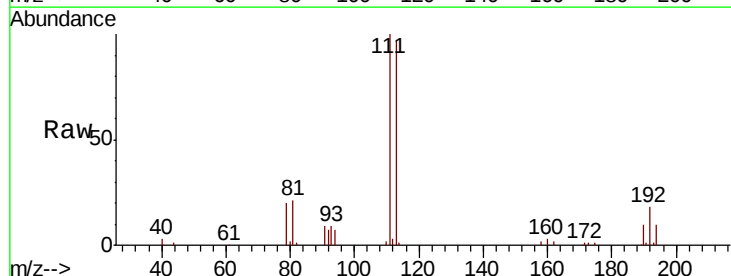


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

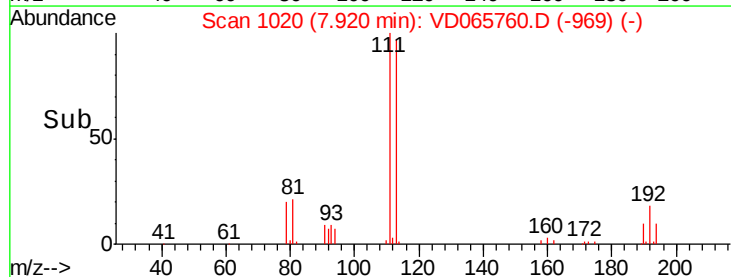
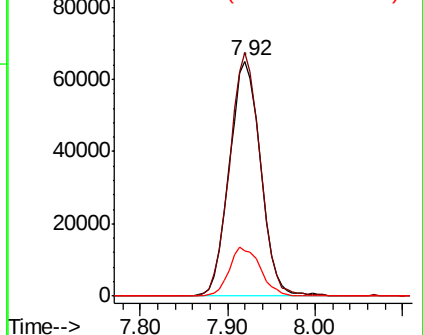


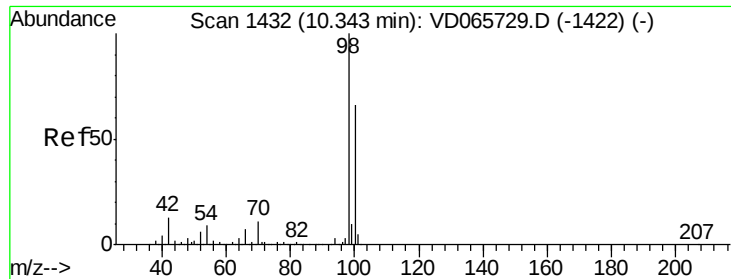
#35
 Dibromofluoromethane
 Concen: 55.357 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065760.D
 Acq: 26 May 2020 14:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.1	121.7
192	20.5	17.6	26.4



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: 55.180 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065760.D

Acq: 26 May 2020 14:22

Instrument :

MSVOA_D

ClientSampleId :

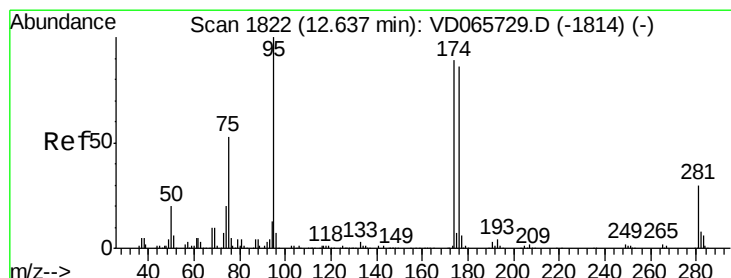
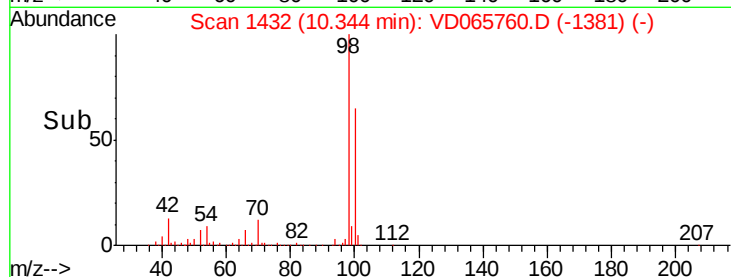
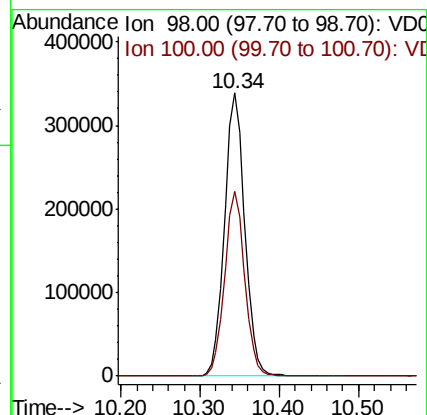
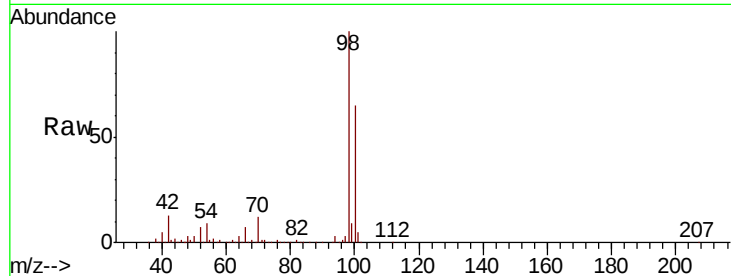
CL-01-052220

Tot Ion: 98 Resp: 599982

Ion Ratio Lower Upper

98 100

100 64.7 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 55.169 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065760.D

Acq: 26 May 2020 14:22

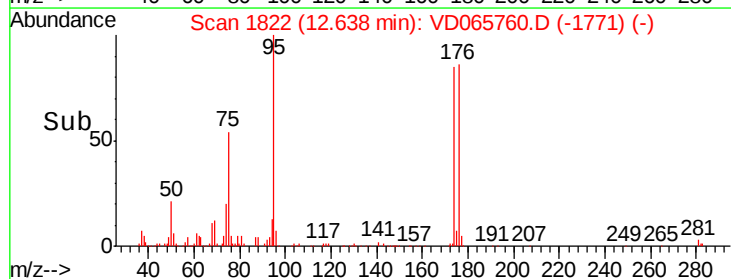
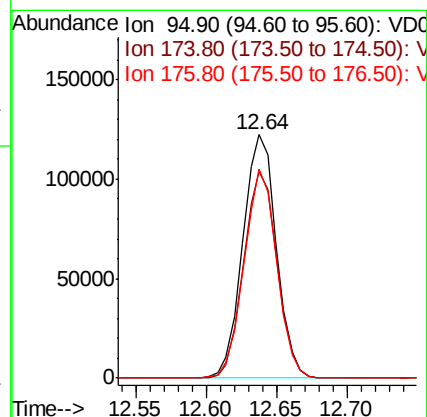
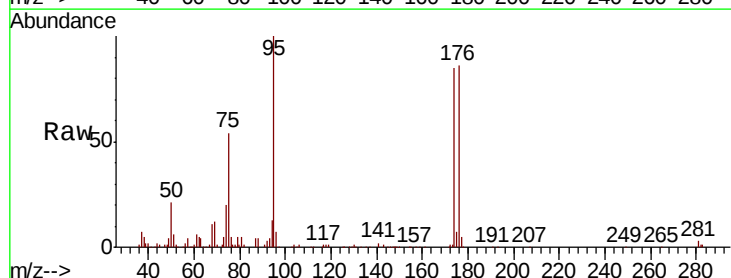
Tgt Ion: 95 Resp: 203151

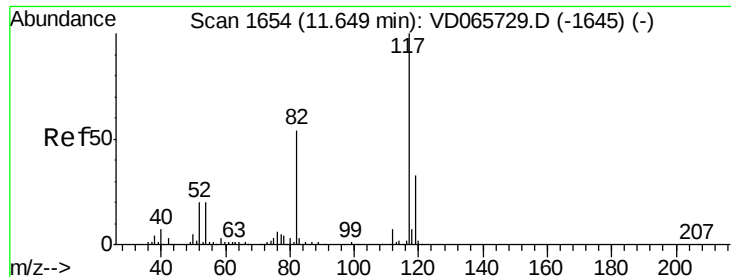
Ion Ratio Lower Upper

95 100

174 85.2 0.0 179.4

176 83.6 0.0 174.0

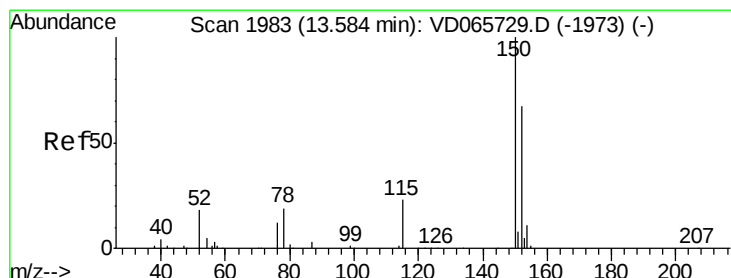
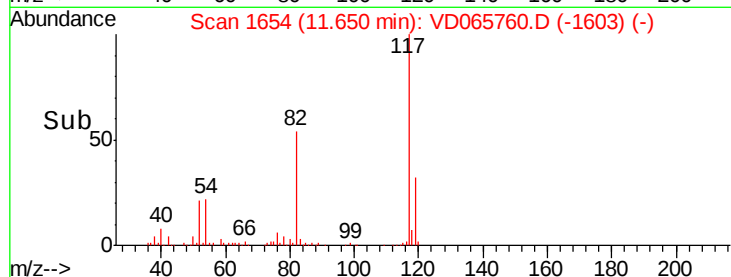
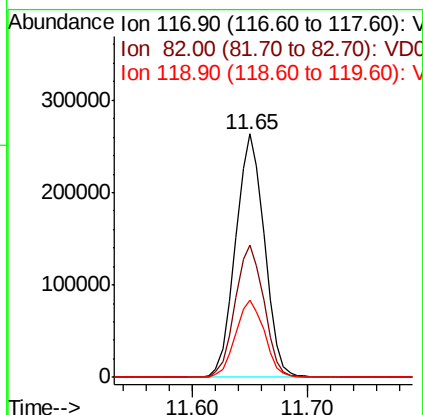
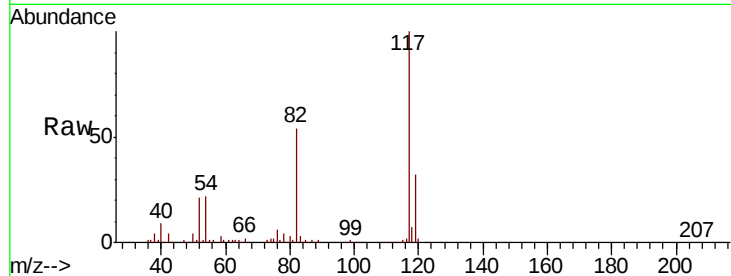




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065760.D
Acq: 26 May 2020 14:22

Instrument :
MSVOA_D
ClientSampleId :
CL-01-052220

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.0	64.6
119	31.7	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065760.D
Acq: 26 May 2020 14:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.1	84.3
150	155.4	0.0	343.2

