

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051420\
 Data File : VD065735.D
 Acq On : 14 May 2020 11:28
 Operator : VA/SY
 Sample : VD0514SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0514SBL01

Quant Time: May 15 06:16:19 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	7.98	168	366824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	543711	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	482812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	229083	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	148653	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	7.91	113	155969	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	10.34	98	588177	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.64	95	197481	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	

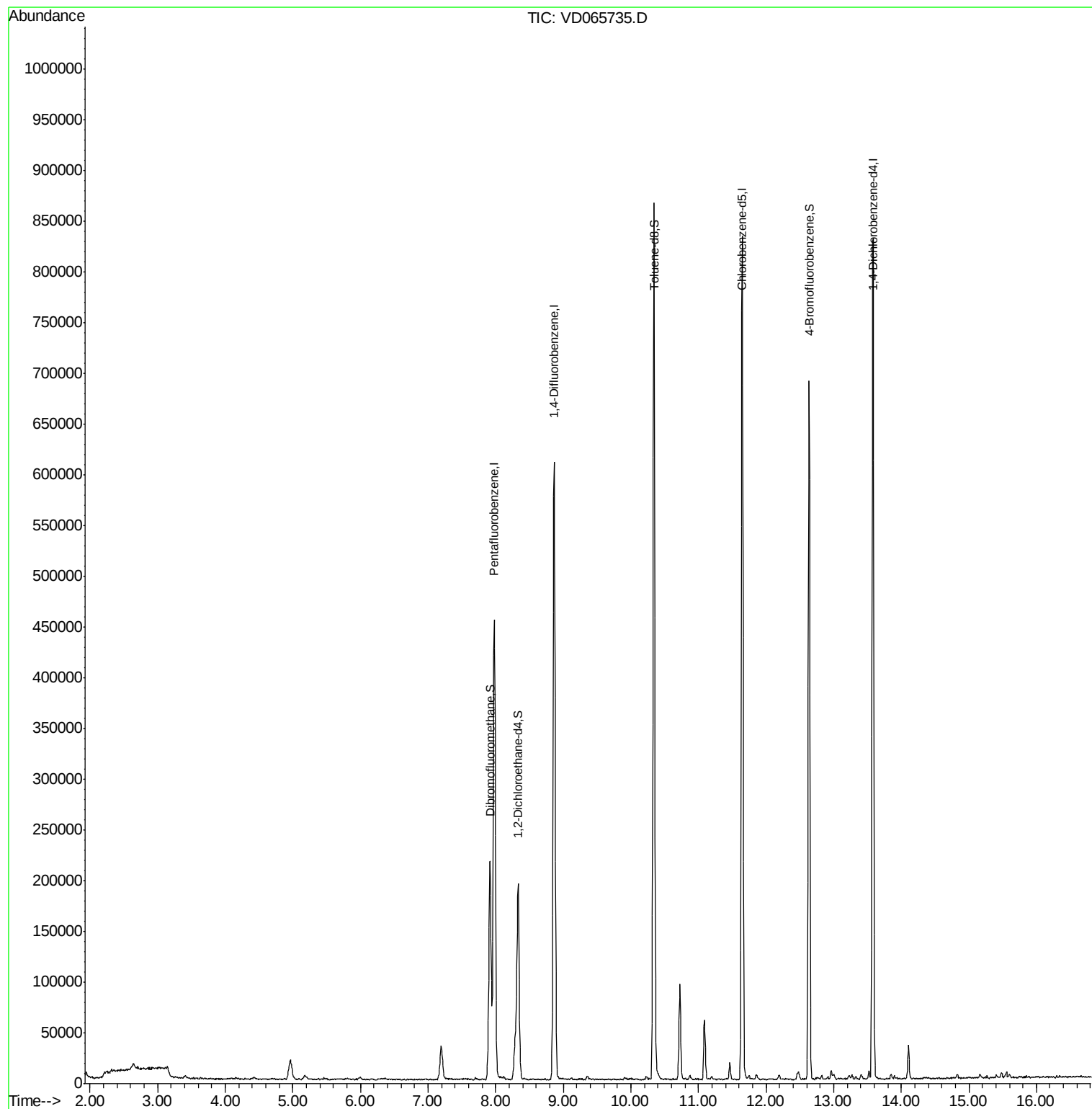
Target Compounds	Qvalue

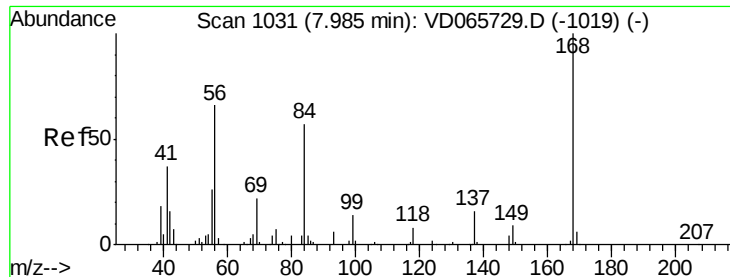
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065735.D

Acq: 14 May 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

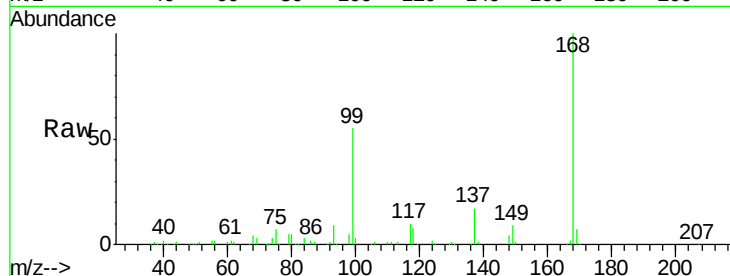
VD0514SBL01

Tot Ion:168 Resp: 366824

Ion Ratio Lower Upper

168 100

99 54.6 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

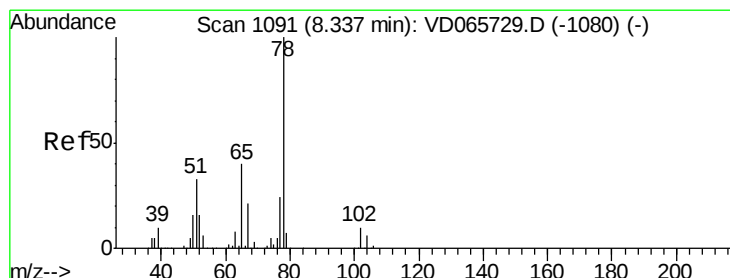
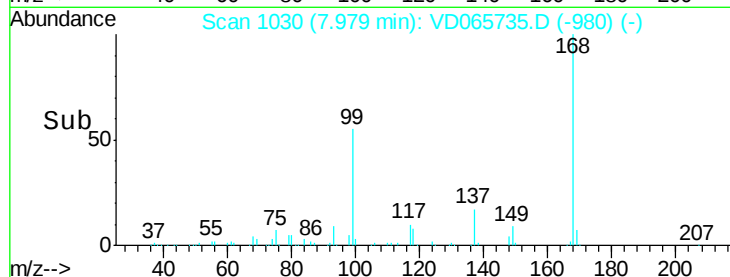
100000

50000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 50.287 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065735.D

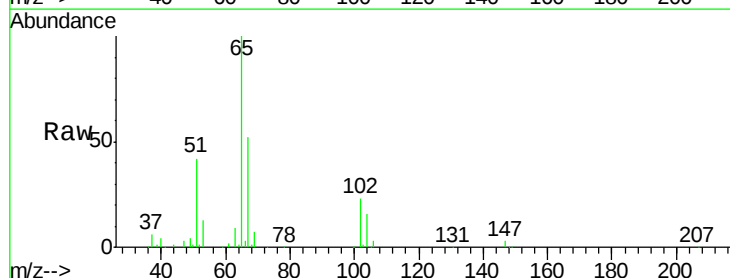
Acq: 14 May 2020 11:28

Tgt Ion: 65 Resp: 148653

Ion Ratio Lower Upper

65 100

67 52.3 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

60000

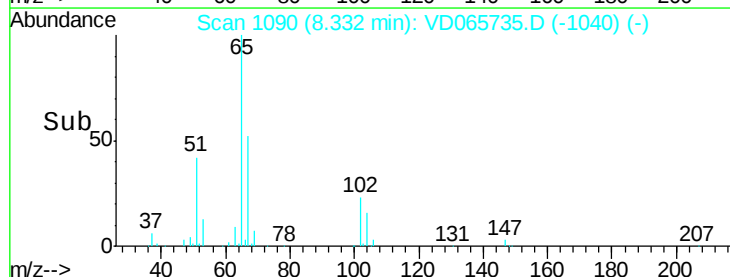
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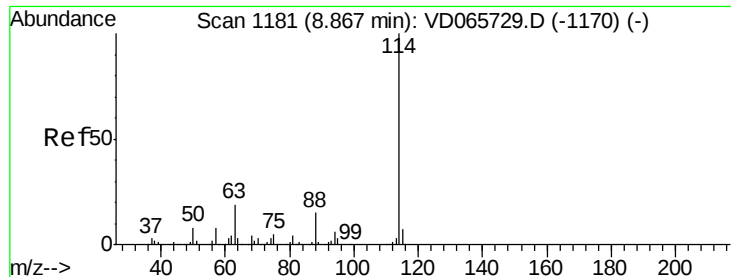
20000

0

Time-->

8.20 8.30 8.40

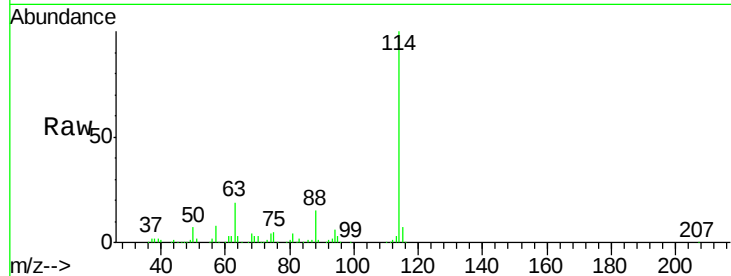




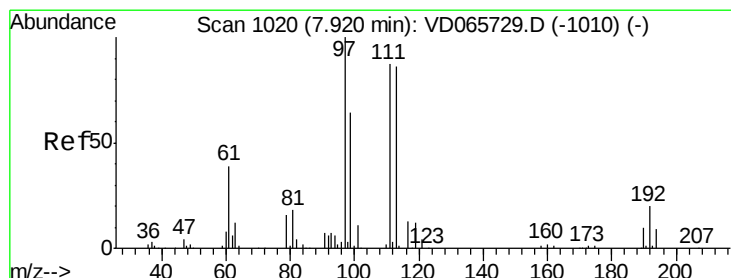
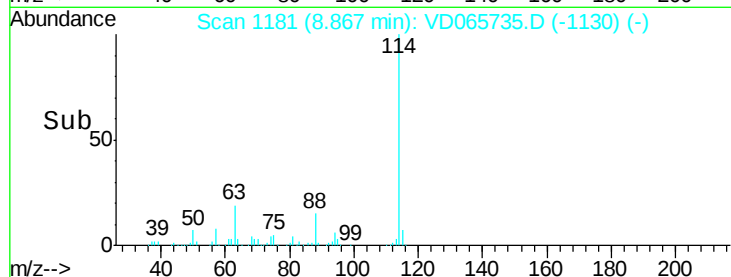
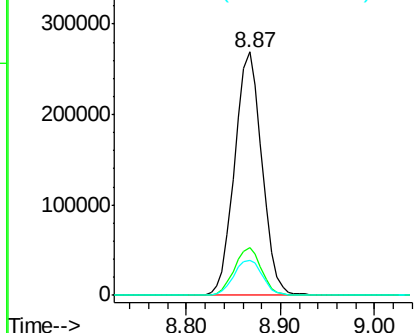
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065735.D
 Acq: 14 May 2020 11:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0514SBL01

Tot Ion:114 Resp: 543711
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.2
 88 14.6 0.0 30.2

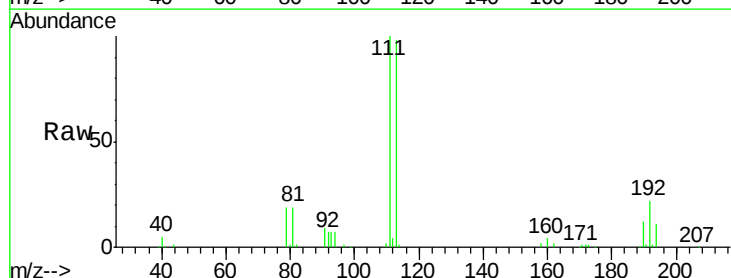


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

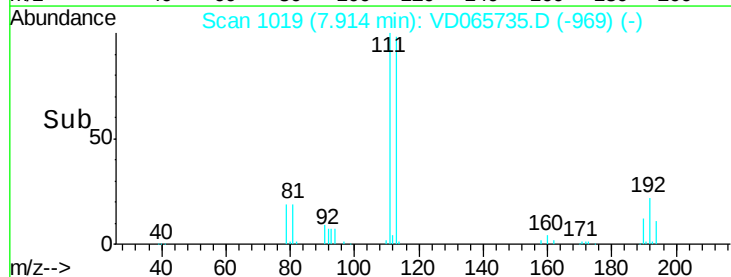
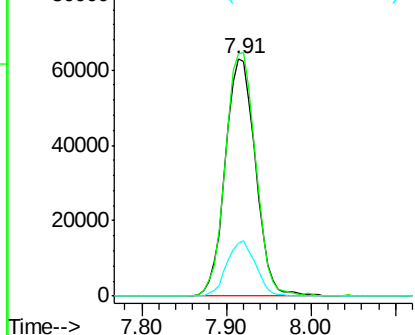


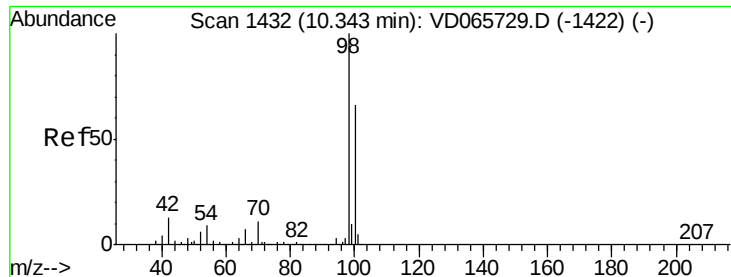
#35
 Dibromofluoromethane
 Concen: 50.635 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065735.D
 Acq: 14 May 2020 11:28

Tgt Ion:113 Resp: 155969
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.1 121.7
 192 22.1 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: 50.156 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065735.D

Acq: 14 May 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

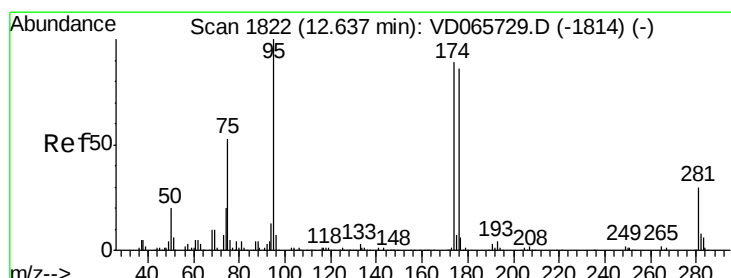
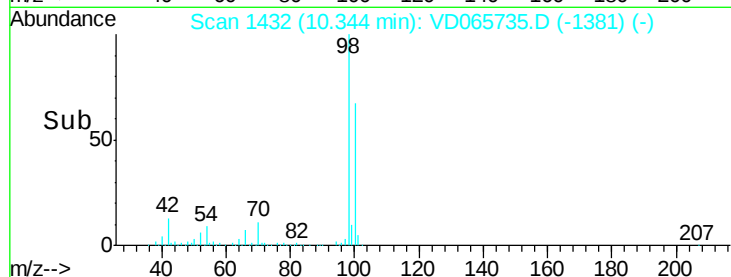
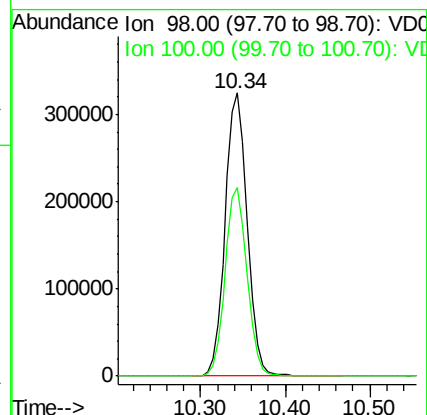
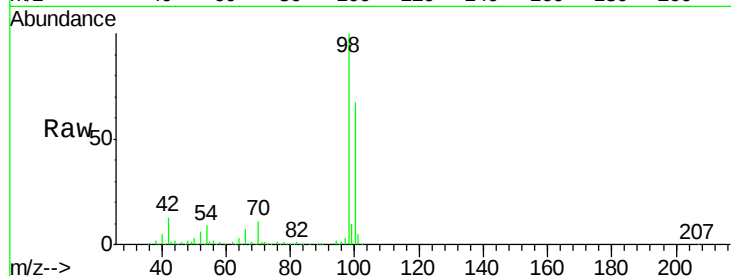
VD0514SBL01

Tot Ion: 98 Resp: 588177

Ion Ratio Lower Upper

98 100

100 66.4 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 49.725 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065735.D

Acq: 14 May 2020 11:28

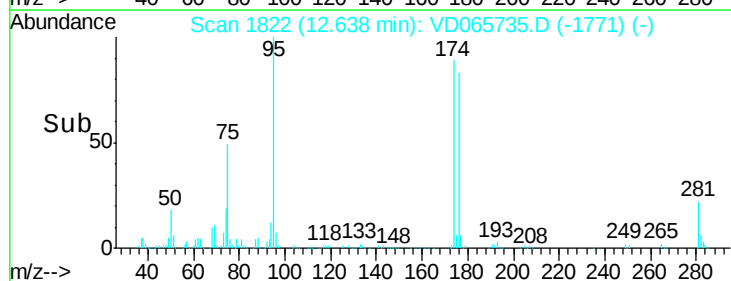
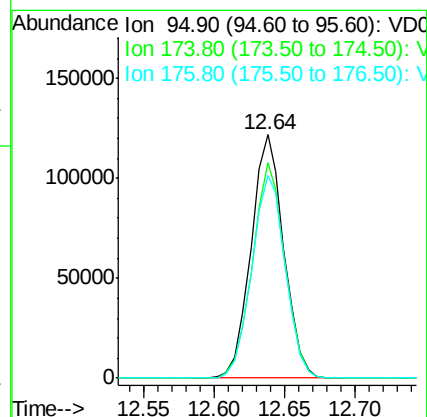
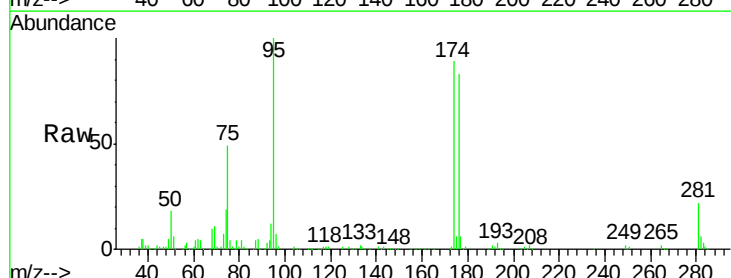
Tgt Ion: 95 Resp: 197481

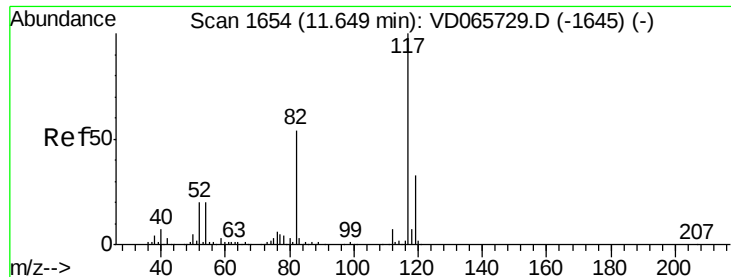
Ion Ratio Lower Upper

95 100

174 87.8 0.0 179.4

176 85.6 0.0 174.0

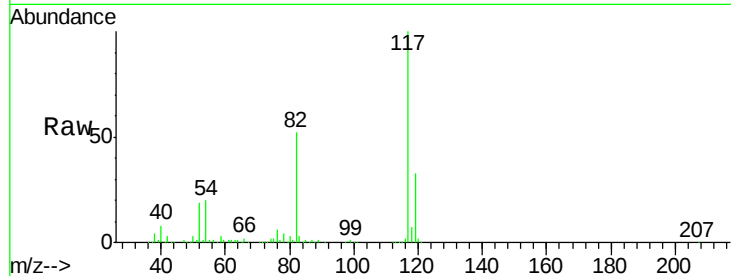




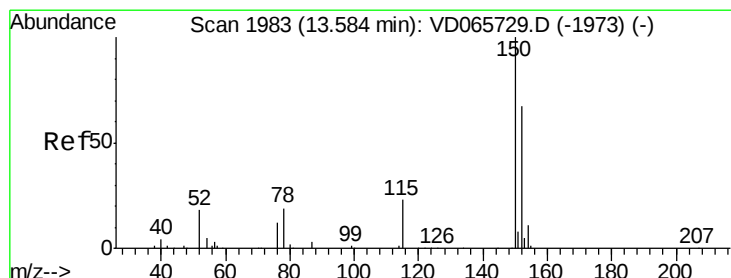
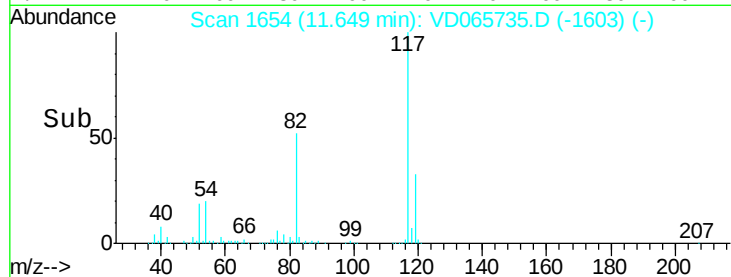
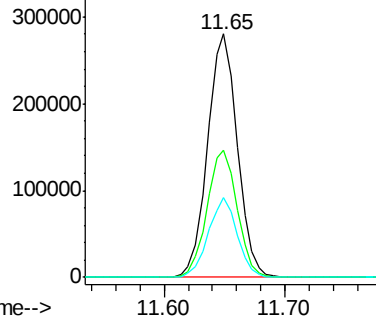
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065735.D
Acq: 14 May 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VD0514SBL01

Tot Ion:117 Resp: 482812
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.6
119 32.5 26.6 40.0

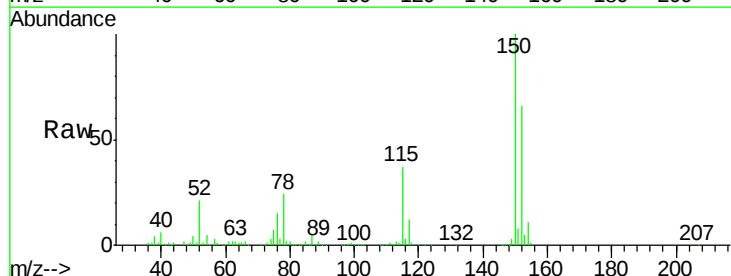


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065735.D
Acq: 14 May 2020 11:28

Tgt Ion:152 Resp: 229083
Ion Ratio Lower Upper
152 100
115 57.4 28.1 84.3
150 157.6 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

