

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070120\
 Data File : VD065917.D
 Acq On : 01 Jul 2020 20:18
 Operator : VA/SY
 Sample : L3197-07
 Misc : 7.38G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-2-VOC

Quant Time: Jul 02 05:56:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	117311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	209916	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	184405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	81967	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	62558	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
35) Dibromofluoromethane	7.91	113	61395	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
50) Toluene-d8	10.34	98	218564	44.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.56%	
62) 4-Bromofluorobenzene	12.64	95	66215	41.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.82%	

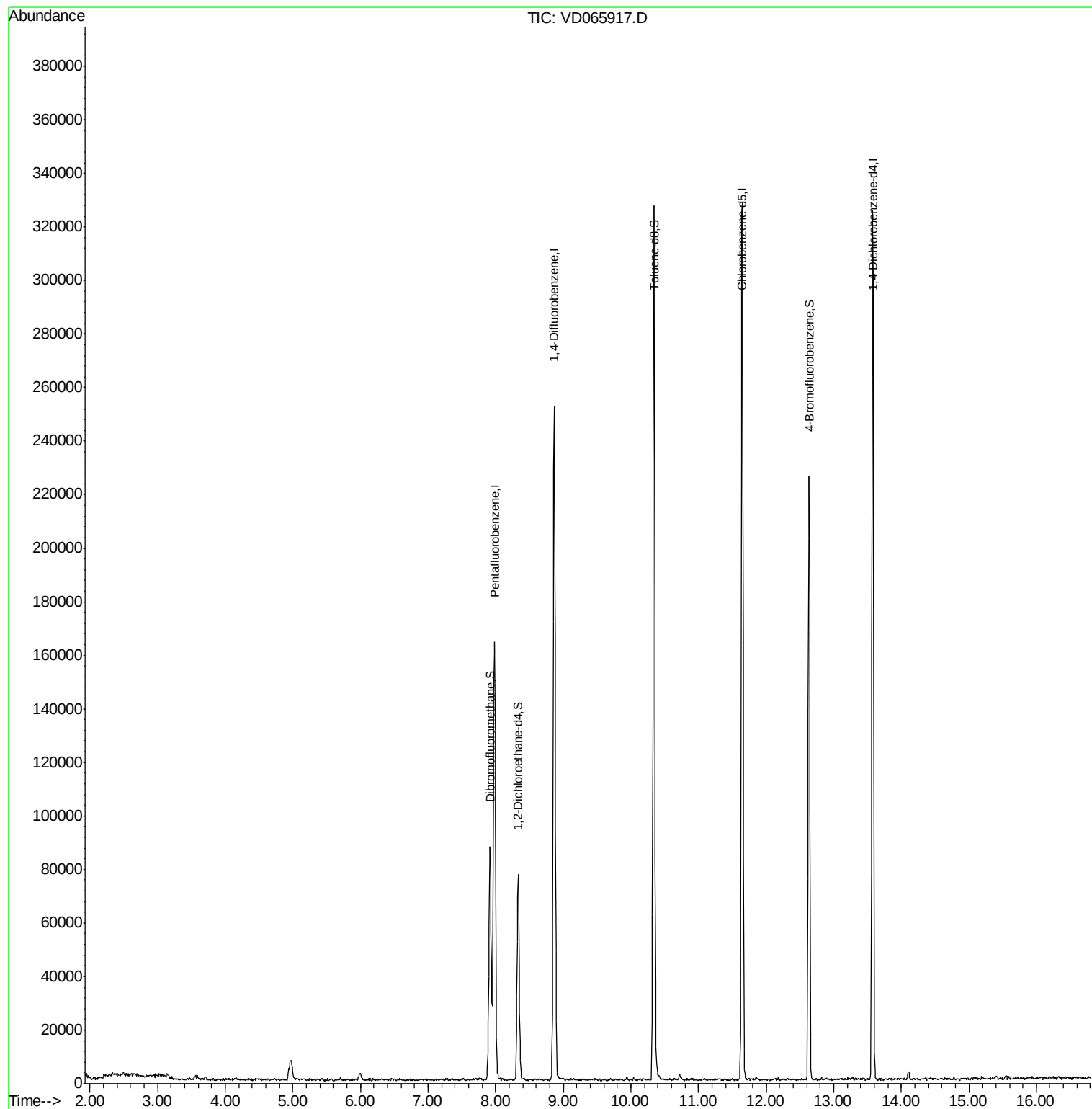
Target Compounds	Qvalue
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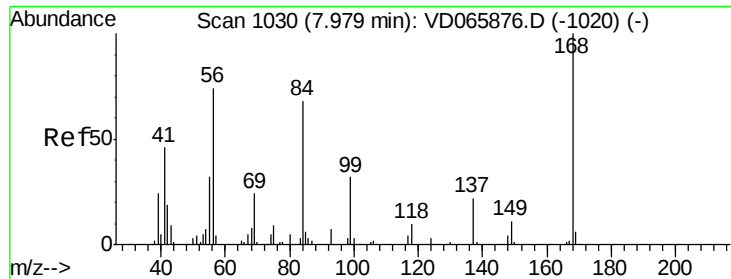
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD065917.D

Acq: 01 Jul 2020 20:18

Instrument :

MSVOA_D

ClientSampleId :

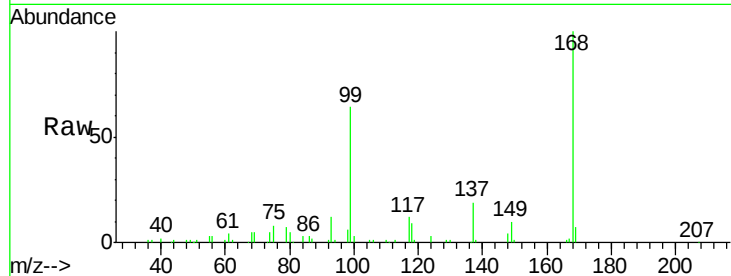
MH-2-VOC

Tot Ion:168 Resp: 117311

Ion Ratio Lower Upper

168 100

99 63.6 51.3 76.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

60000

50000

40000

30000

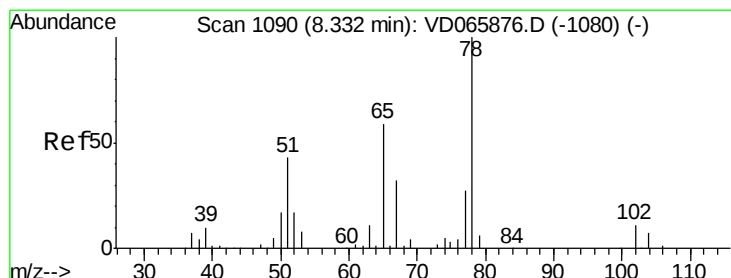
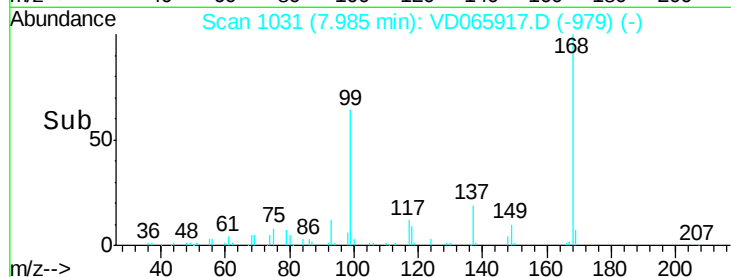
20000

10000

0

7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.330 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD065917.D

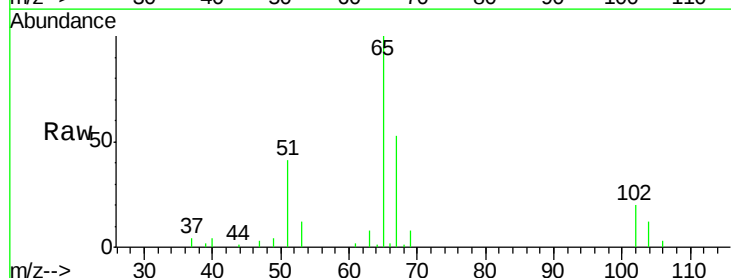
Acq: 01 Jul 2020 20:18

Tgt Ion: 65 Resp: 62558

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

30000

25000

20000

15000

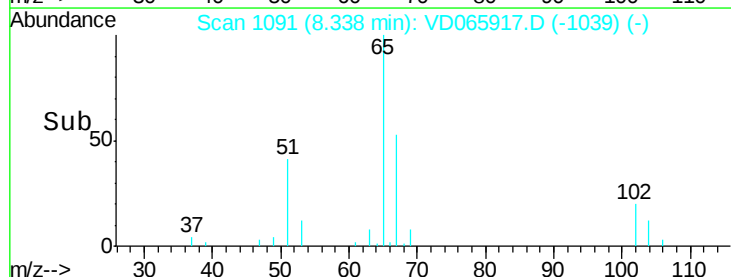
10000

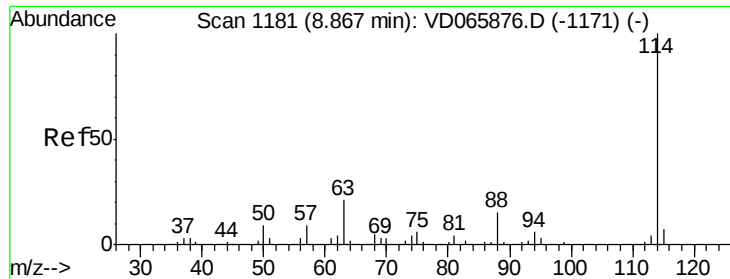
5000

0

8.30 8.34 8.40

Time-->

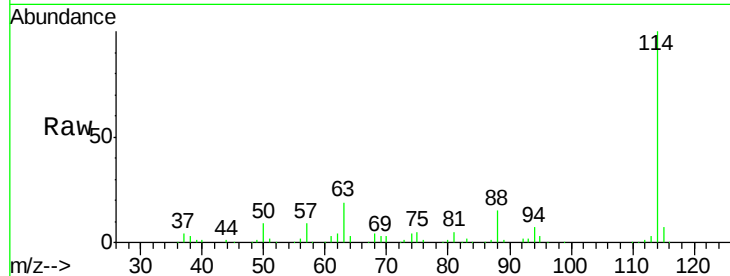




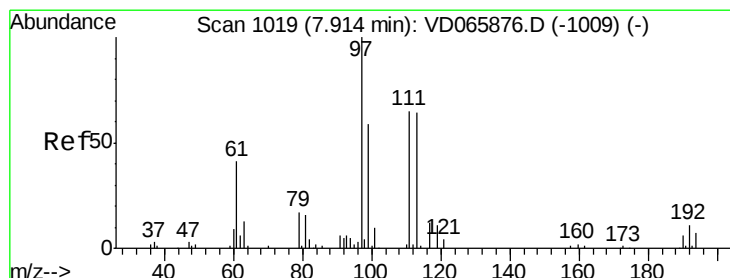
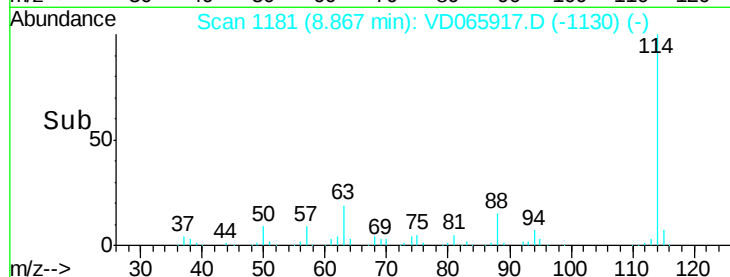
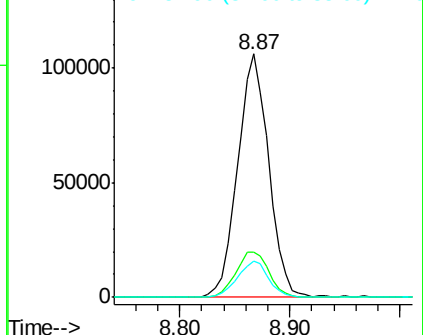
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065917.D
 Acq: 01 Jul 2020 20:18

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-2-VOC

Tot Ion:114 Resp: 209916
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 42.6
 88 15.1 0.0 29.0

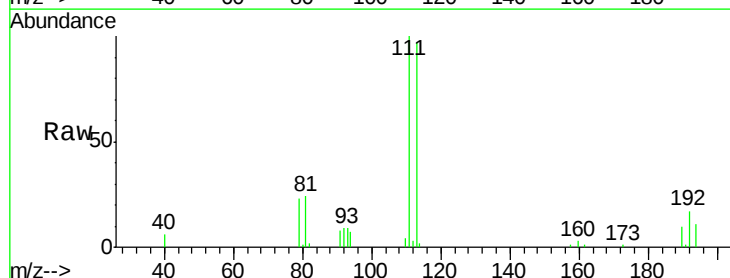


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

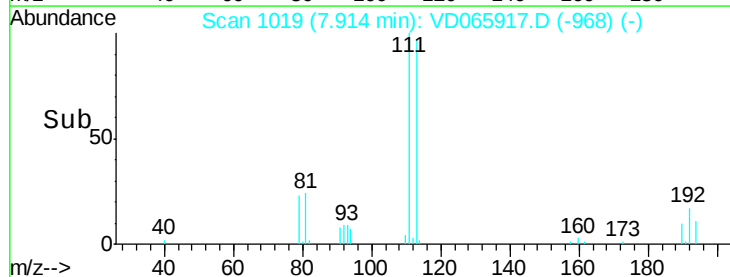
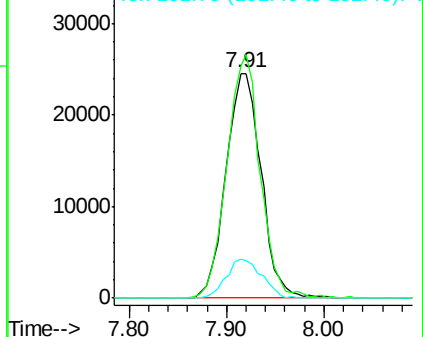


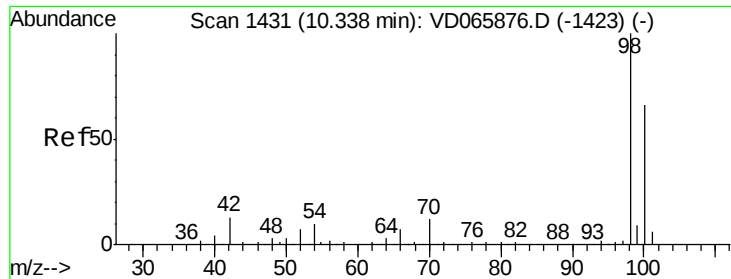
#35
 Dibromofluoromethane
 Concen: 47.318 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD065917.D
 Acq: 01 Jul 2020 20:18

Tgt Ion:113 Resp: 61395
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.0 121.6
 192 17.5 15.2 22.8



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: 44.781 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD065917.D

Acq: 01 Jul 2020 20:18

Instrument :

MSVOA_D

ClientSampleId :

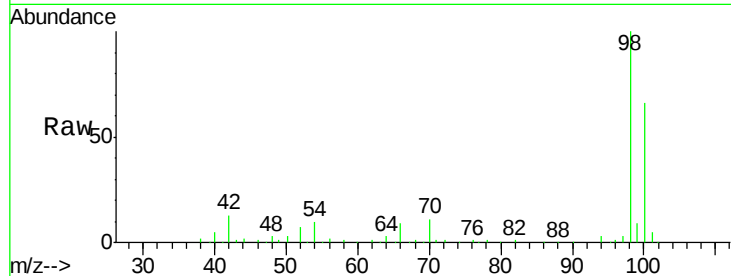
MH-2-VOC

Tot Ion: 98 Resp: 218564

Ion Ratio Lower Upper

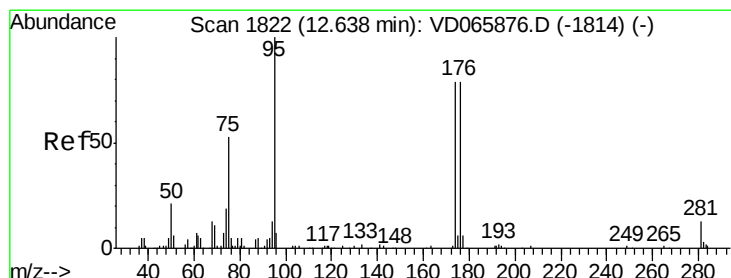
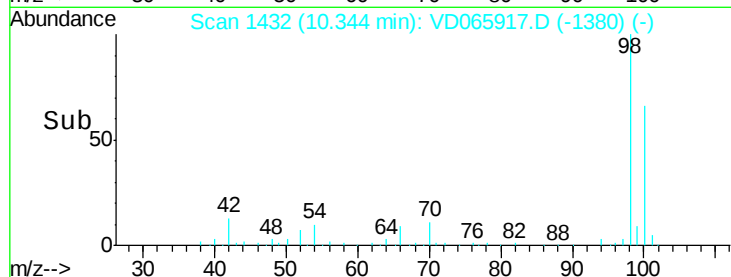
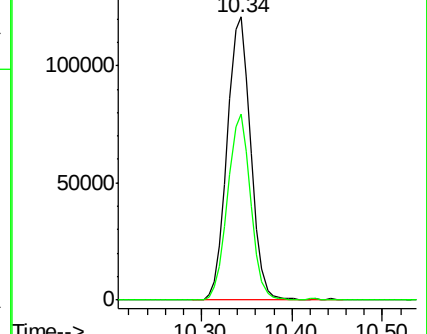
98 100

100 64.3 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 41.412 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065917.D

Acq: 01 Jul 2020 20:18

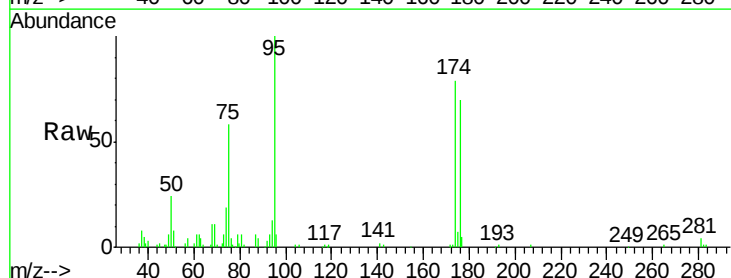
Tgt Ion: 95 Resp: 66215

Ion Ratio Lower Upper

95 100

174 83.0 0.0 158.4

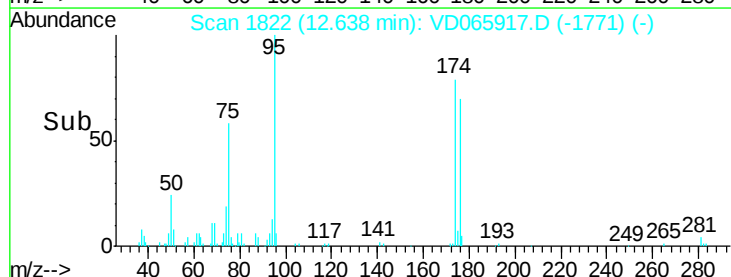
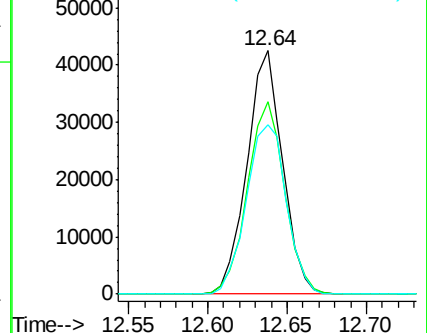
176 78.5 0.0 156.0

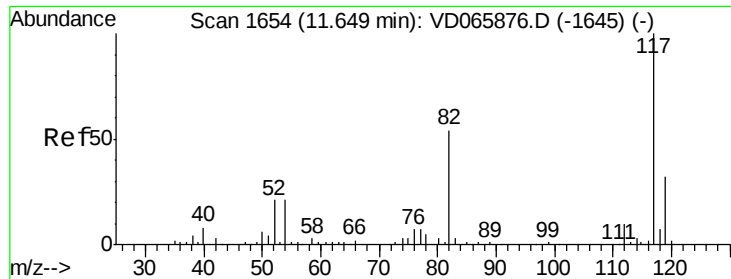


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

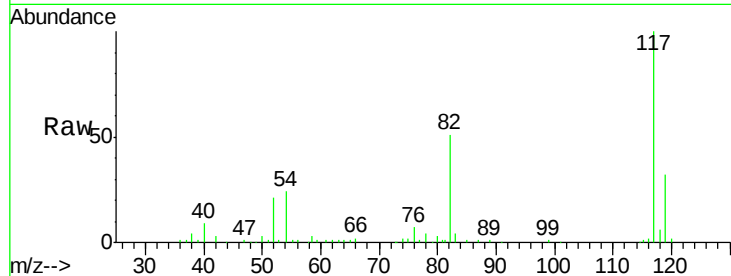




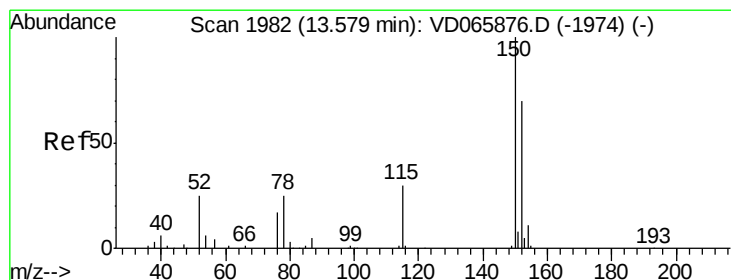
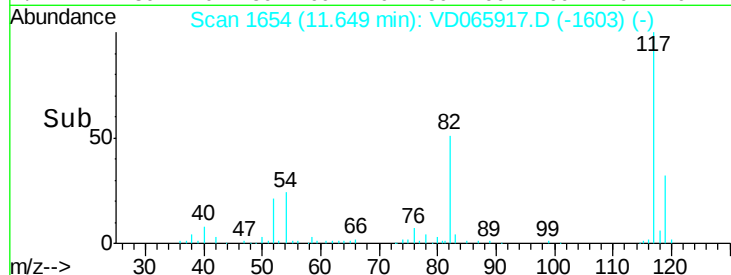
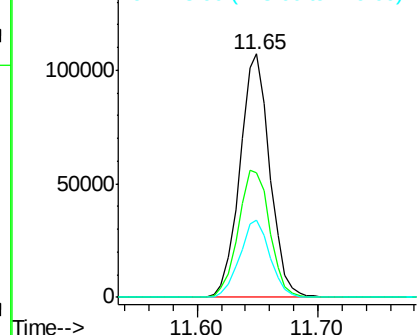
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065917.D
Acq: 01 Jul 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
MH-2-VOC

Tot Ion:117 Resp: 184405
Ion Ratio Lower Upper
117 100
82 51.1 43.6 65.4
119 32.0 25.9 38.9

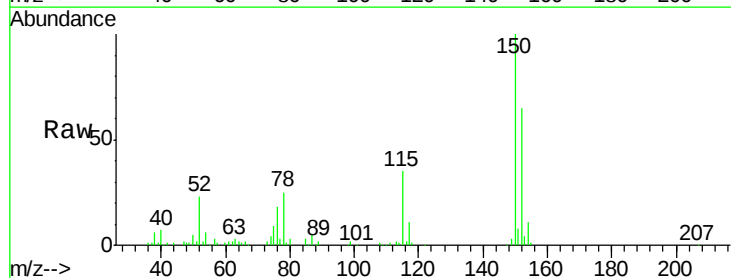


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065917.D
Acq: 01 Jul 2020 20:18

Tgt Ion:152 Resp: 81967
Ion Ratio Lower Upper
152 100
115 58.1 29.7 89.1
150 157.7 0.0 346.2



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

