

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110520\
 Data File : VD067541.D
 Acq On : 05 Nov 2020 17:07
 Operator : VA/SY
 Sample : L4657-14
 Misc : 7.29G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B49-110520-17-18

Quant Time: Nov 06 00:42:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	298004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	468569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	475012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	227574	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	151290	58.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.12%	
35) Dibromofluoromethane	7.92	113	149956	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
50) Toluene-d8	10.34	98	556525	56.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.20%	
62) 4-Bromofluorobenzene	12.64	95	206043	60.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.30%	

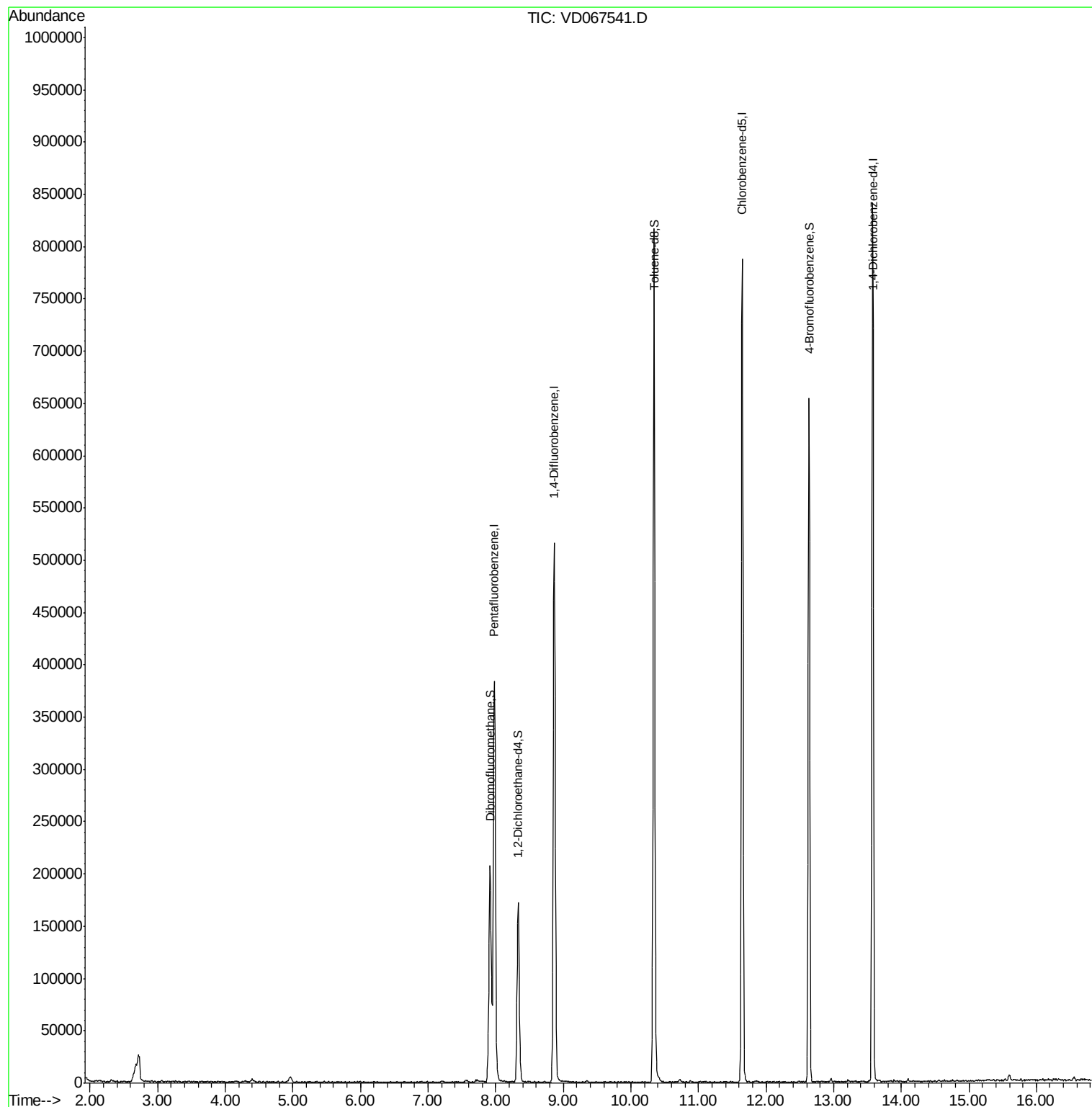
Target Compounds	Qvalue

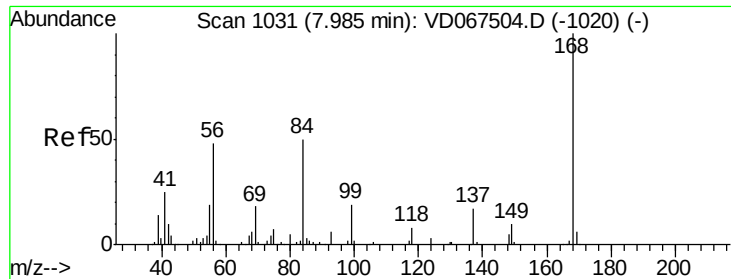
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 04 00:56:28 2020
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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: VD067541.D

Acq: 05 Nov 2020 17:07

Instrument :

MSVOA_D

ClientSampleId :

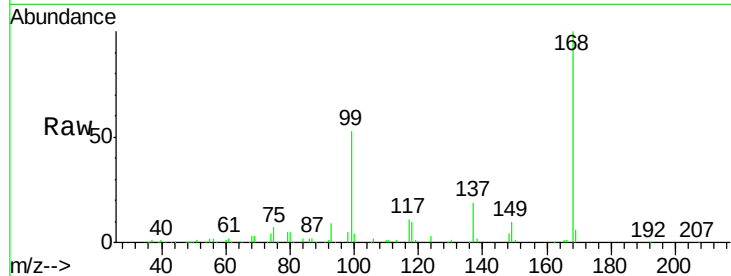
PAV-B49-110520-17-18

Tot Ion:168 Resp: 298004

Ion Ratio Lower Upper

168 100

99 52.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

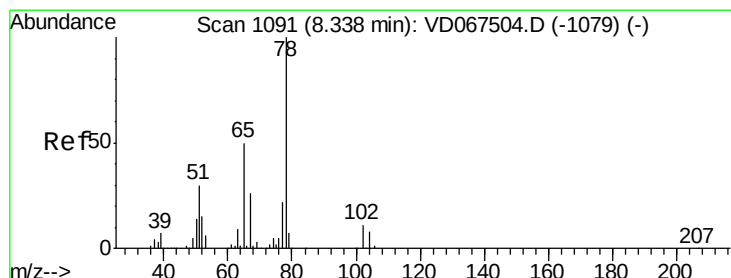
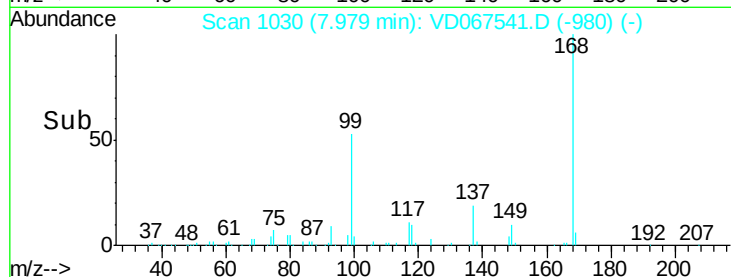
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.061 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067541.D

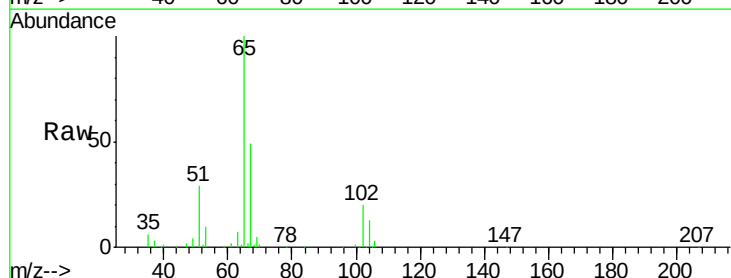
Acq: 05 Nov 2020 17:07

Tgt Ion: 65 Resp: 151290

Ion Ratio Lower Upper

65 100

67 49.6 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

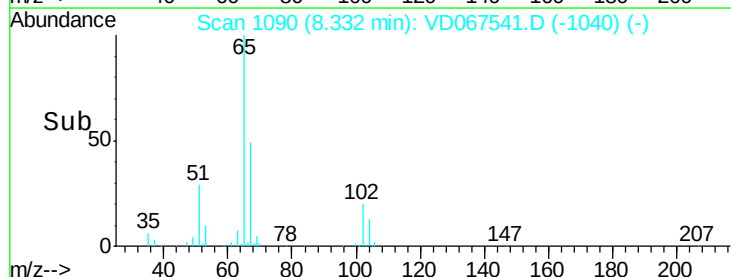
60000

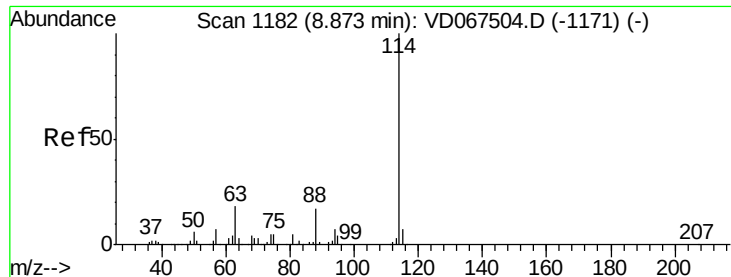
40000

20000

0

Time-->

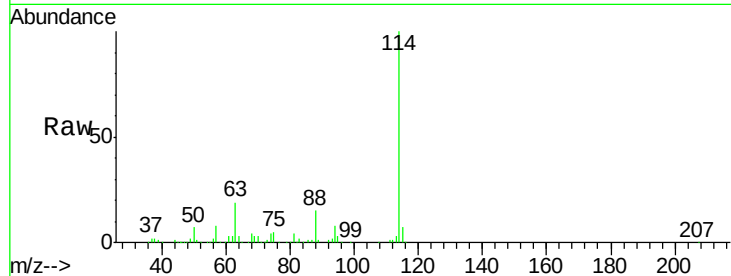




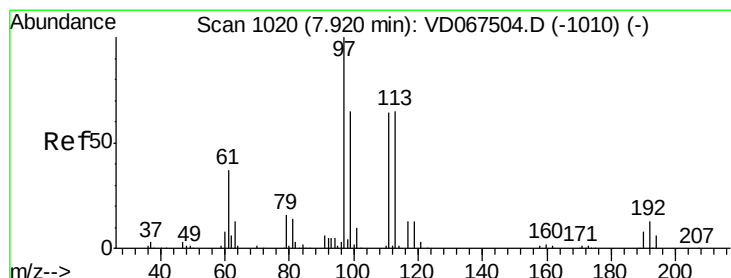
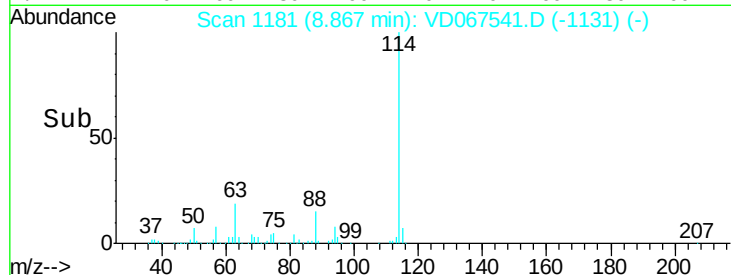
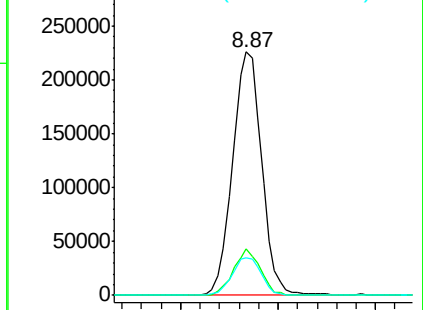
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD067541.D
Acq: 05 Nov 2020 17:07

Instrument :
MSVOA_D
ClientSampleId :
PAV-B49-110520-17-18

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	35.0
88	15.3	0.0	33.0

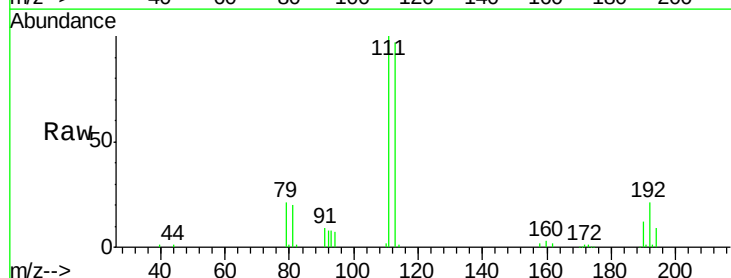


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

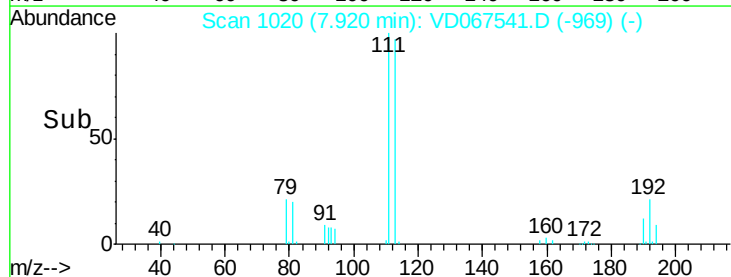
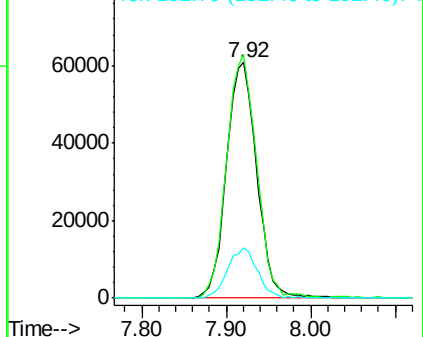


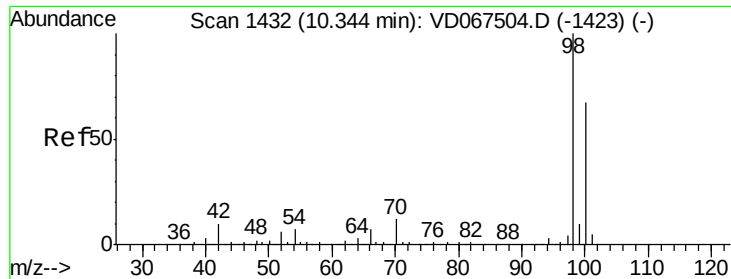
#35
Dibromofluoromethane
Concen: 53.117 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD067541.D
Acq: 05 Nov 2020 17:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.0	120.0
192	20.9	16.3	24.5



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: 56.095 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067541.D

Acq: 05 Nov 2020 17:07

Instrument :

MSVOA_D

ClientSampleId :

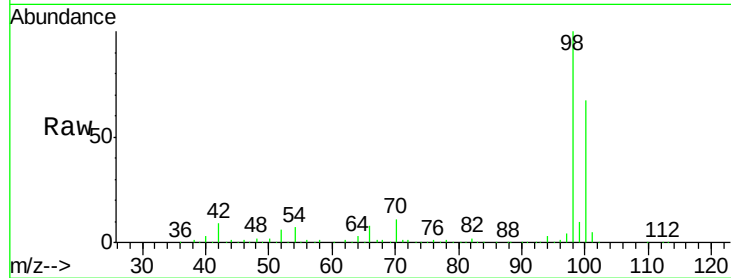
PAV-B49-110520-17-18

Tot Ion: 98 Resp: 556525

Ion Ratio Lower Upper

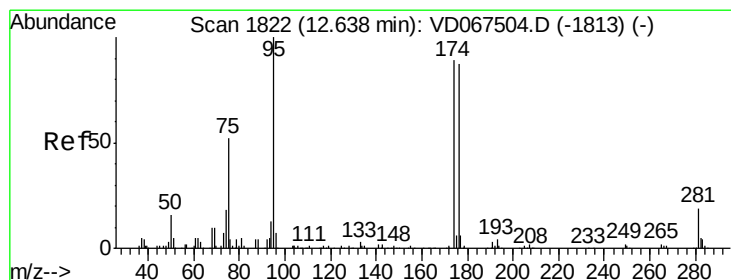
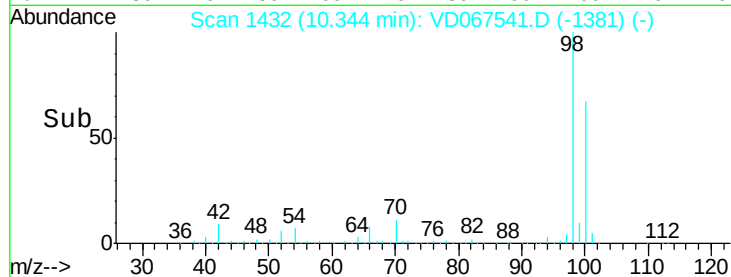
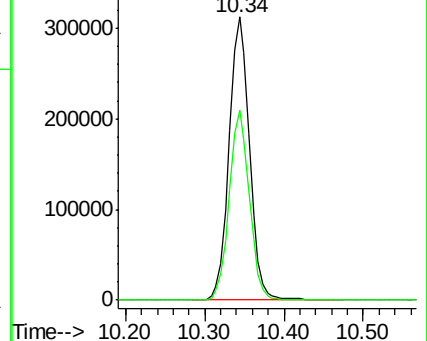
98 100

100 65.8 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 60.155 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067541.D

Acq: 05 Nov 2020 17:07

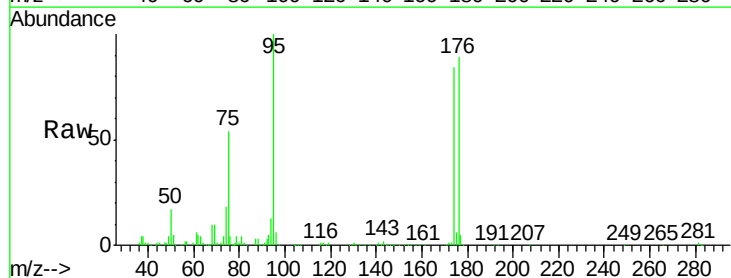
Tgt Ion: 95 Resp: 206043

Ion Ratio Lower Upper

95 100

174 88.2 0.0 177.8

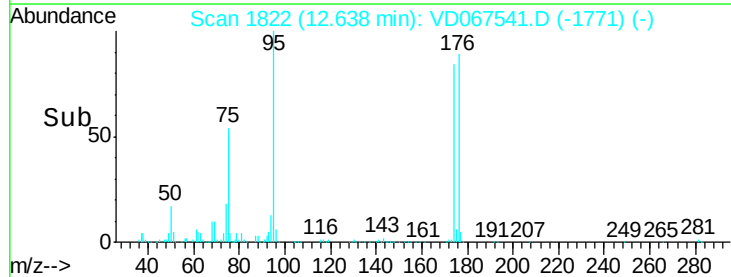
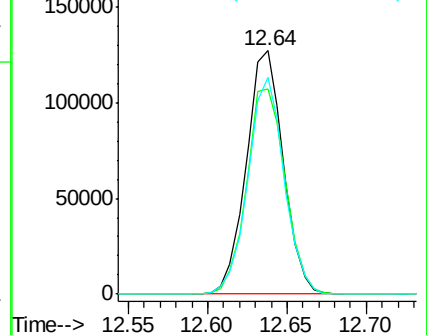
176 87.1 0.0 172.0

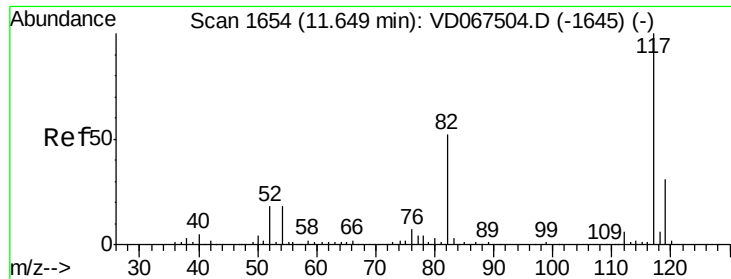


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

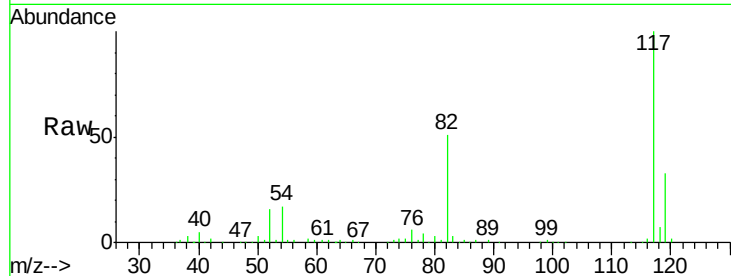




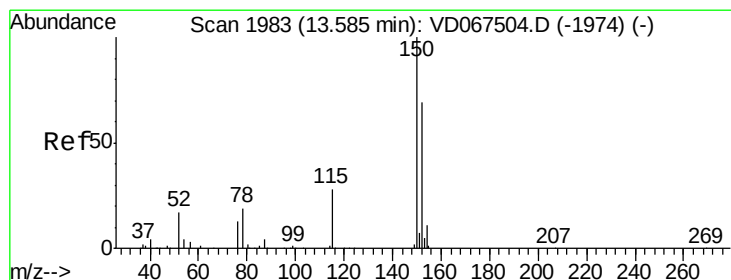
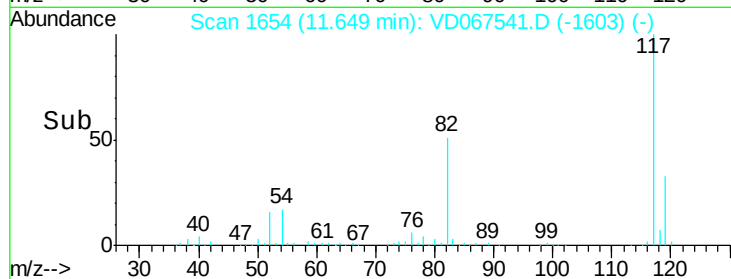
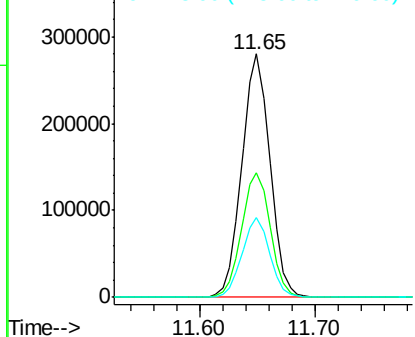
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067541.D
Acq: 05 Nov 2020 17:07

Instrument :
MSVOA_D
ClientSampleId :
PAV-B49-110520-17-18

Tot Ion:117 Resp: 475012
Ion Ratio Lower Upper
117 100
82 50.9 41.6 62.4
119 32.5 25.1 37.7

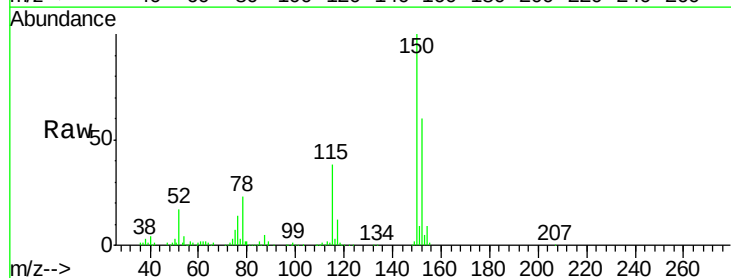


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067541.D
Acq: 05 Nov 2020 17:07

Tgt Ion:152 Resp: 227574
Ion Ratio Lower Upper
152 100
115 60.3 29.3 88.0
150 162.4 0.0 338.2



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

