

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110520\
 Data File : VD067540.D
 Acq On : 05 Nov 2020 16:40
 Operator : VA/SY
 Sample : L4657-13
 Misc : 4.96G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B49-110520-0-1

Quant Time: Nov 06 00:40:26 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	310744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	495376	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	474983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	211914	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	153625	56.54	ug/l	0.00
Spiked Amount			Recovery	=	113.08%	
35) Dibromofluoromethane	7.91	113	158935	53.25	ug/l	0.00
Spiked Amount			Recovery	=	106.50%	
50) Toluene-d8	10.34	98	574318	54.76	ug/l	0.00
Spiked Amount			Recovery	=	109.52%	
62) 4-Bromofluorobenzene	12.64	95	203185	56.11	ug/l	0.00
Spiked Amount			Recovery	=	112.22%	

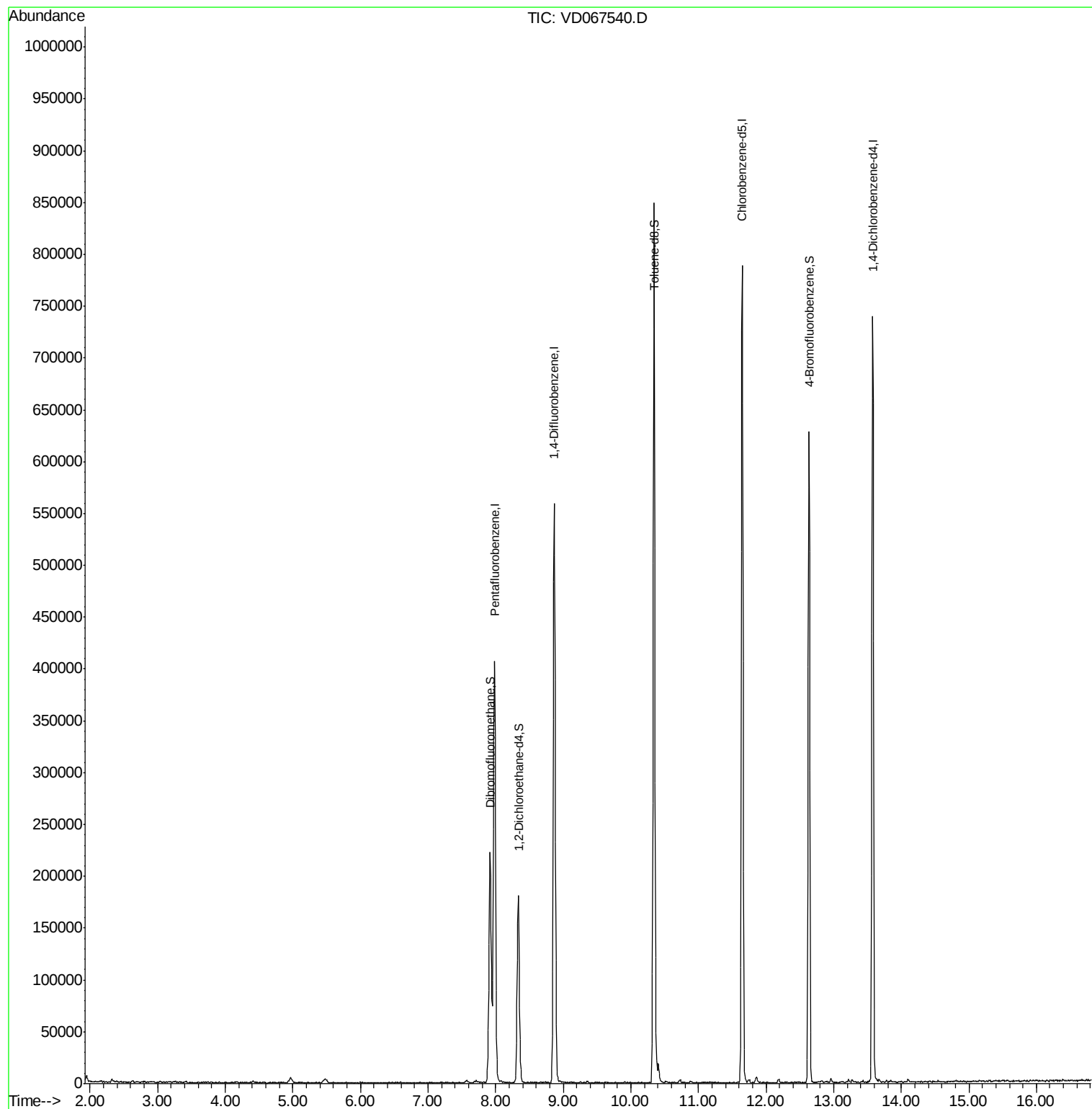
Target Compounds	Qvalue
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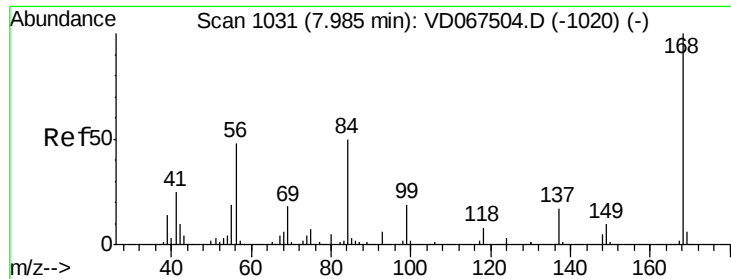
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067540.D

Acq: 05 Nov 2020 16:40

Instrument :

MSVOA_D

ClientSampleId :

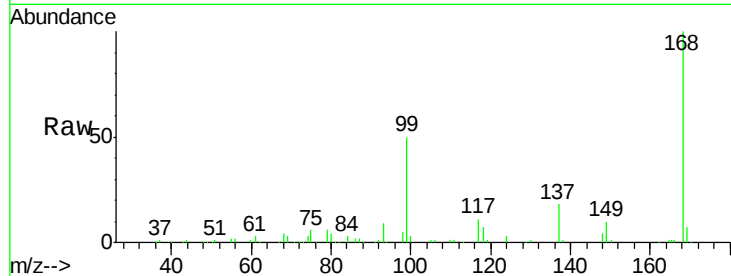
PAV-B49-110520-0-1

Tot Ion:168 Resp: 310744

Ion Ratio Lower Upper

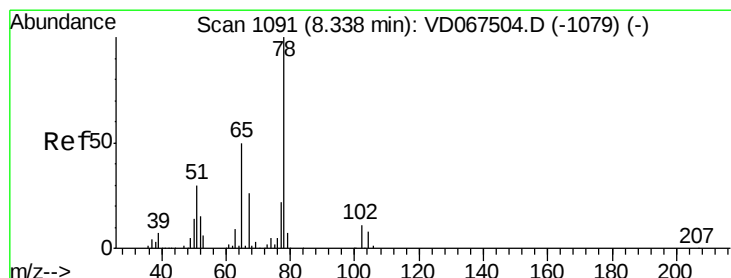
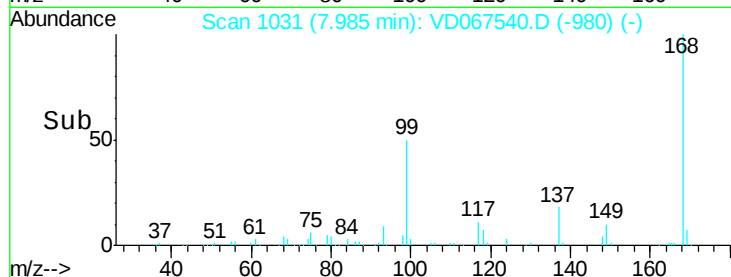
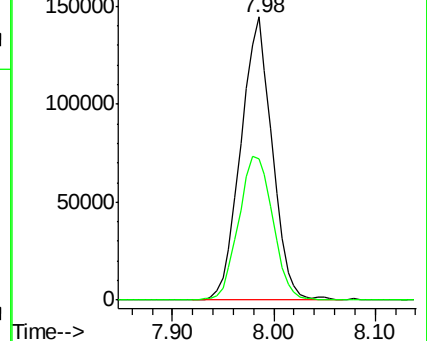
168 100

99 50.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 56.540 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067540.D

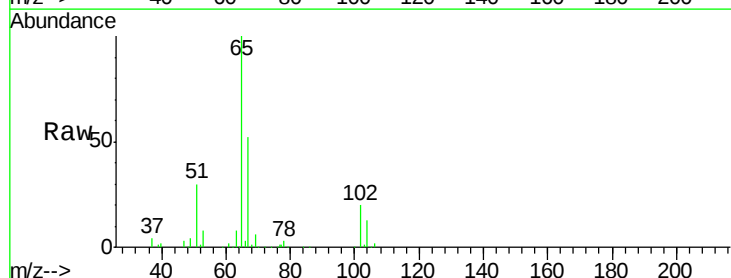
Acq: 05 Nov 2020 16:40

Tgt Ion: 65 Resp: 153625

Ion Ratio Lower Upper

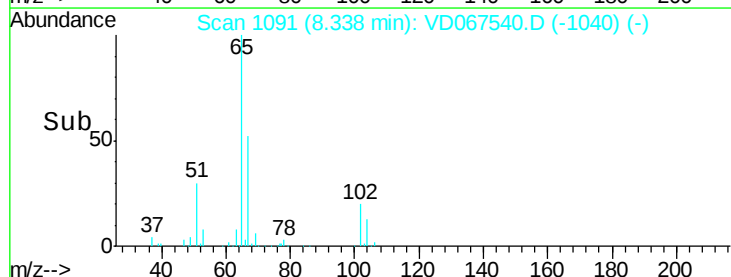
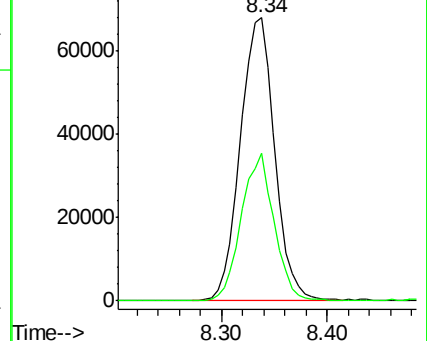
65 100

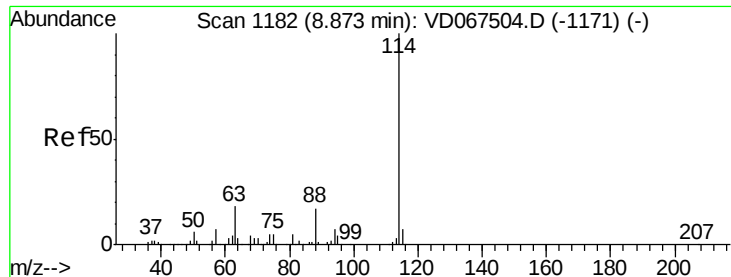
67 49.5 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

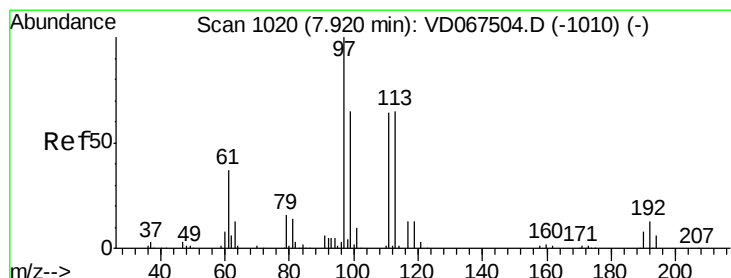
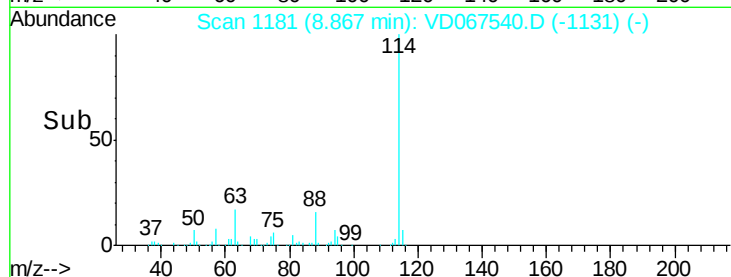
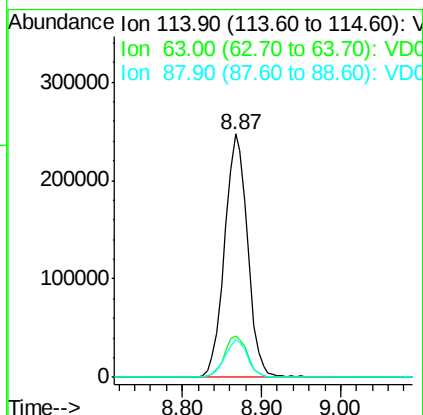
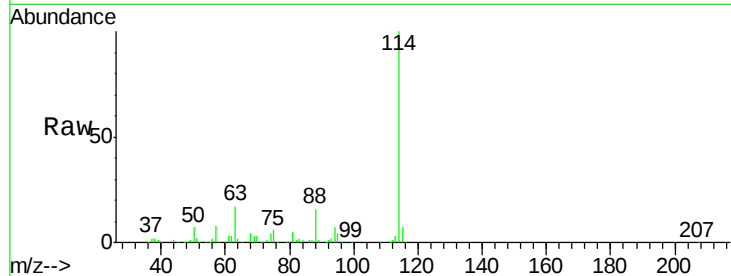




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067540.D
 Acq: 05 Nov 2020 16:40

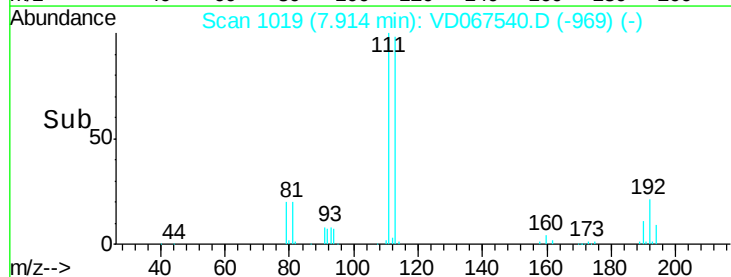
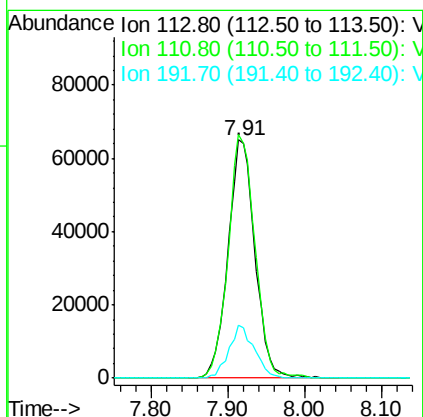
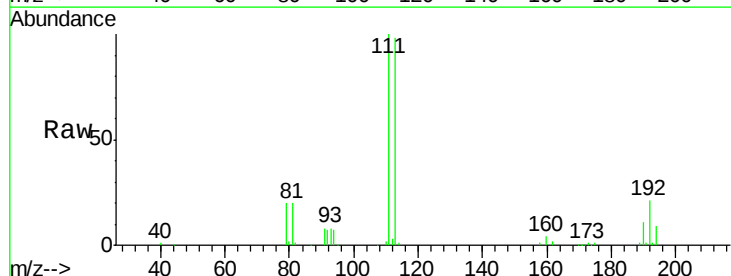
Instrument :
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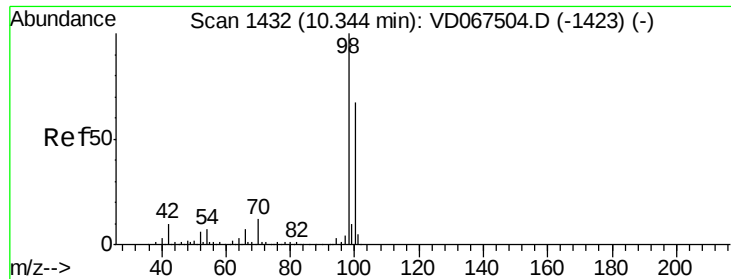
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	35.0
88	15.6	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 53.251 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD067540.D
 Acq: 05 Nov 2020 16:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	80.0	120.0
192	20.7	16.3	24.5

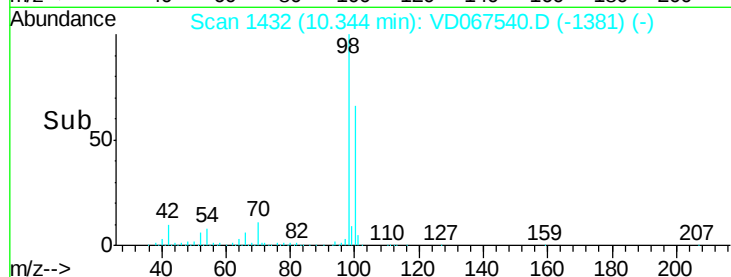
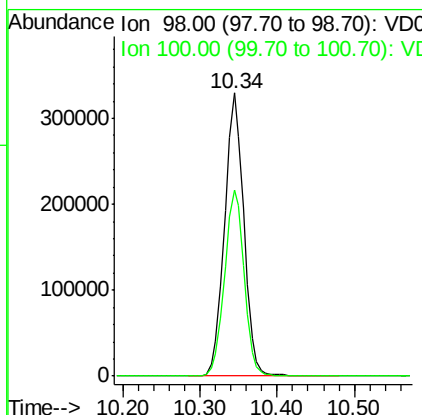
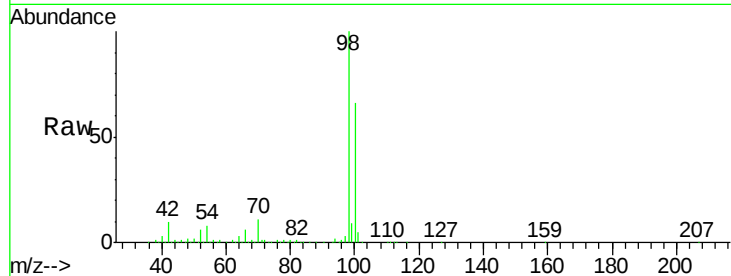




#50
Toluene-d8
Concen: 54.756 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067540.D
Acq: 05 Nov 2020 16:40

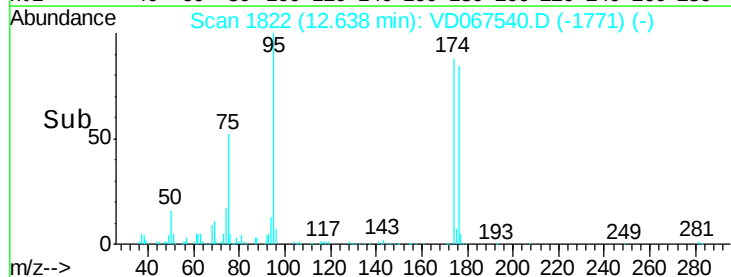
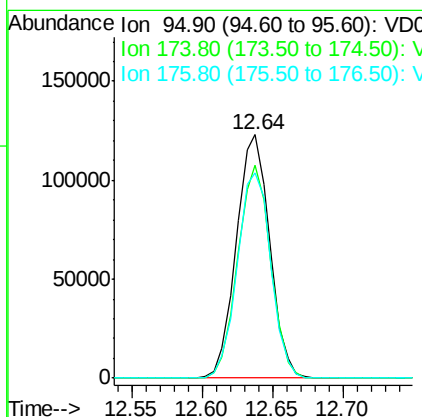
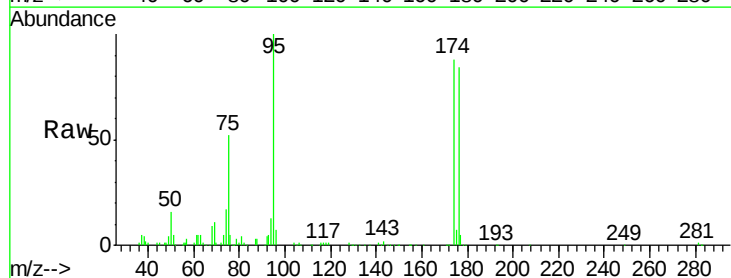
Instrument :
MSVOA_D
ClientSampleId :
PAV-B49-110520-0-1

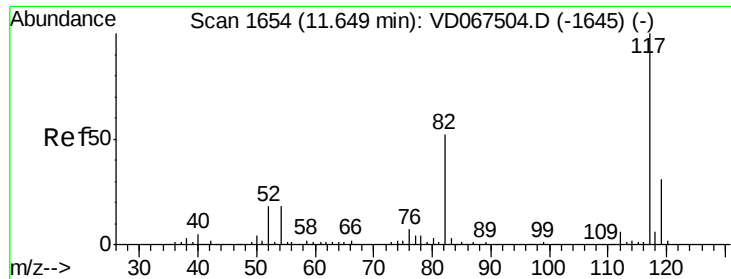
Tot Ion: 98 Resp: 574318
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 56.110 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067540.D
Acq: 05 Nov 2020 16:40

Tgt Ion: 95 Resp: 203185
Ion Ratio Lower Upper
95 100
174 86.1 0.0 177.8
176 85.0 0.0 172.0

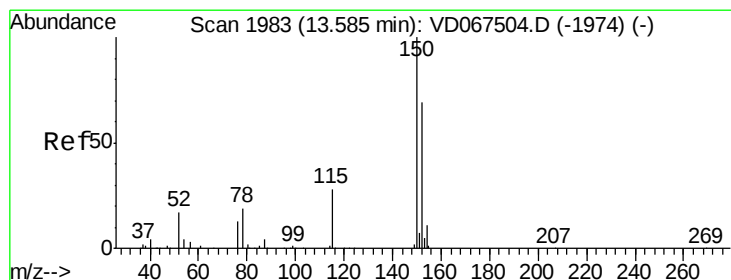
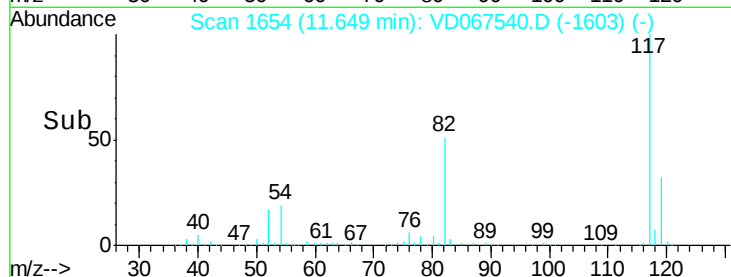
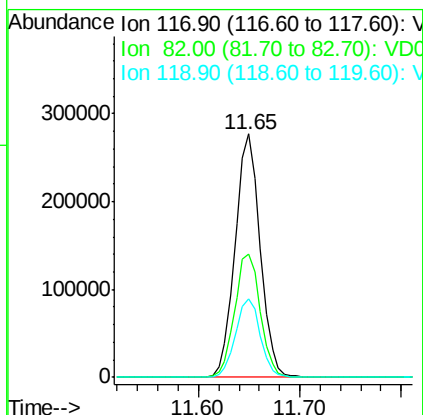
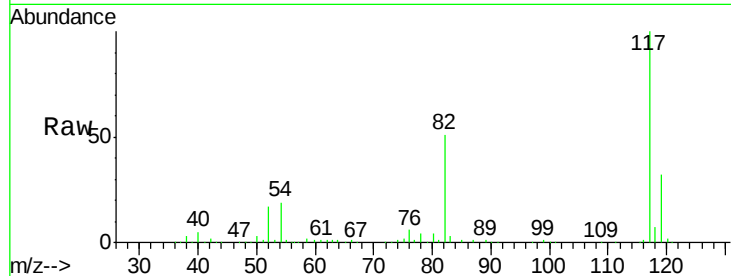




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067540.D
Acq: 05 Nov 2020 16:40

Instrument :
MSVOA_D
ClientSampleId :
PAV-B49-110520-0-1

Tot Ion:117 Resp: 474983
Ion Ratio Lower Upper
117 100
82 50.9 41.6 62.4
119 32.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067540.D
Acq: 05 Nov 2020 16:40

Tgt Ion:152 Resp: 211914
Ion Ratio Lower Upper
152 100
115 59.2 29.3 88.0
150 159.8 0.0 338.2

