

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110420\
 Data File : VD067522.D
 Acq On : 04 Nov 2020 16:05
 Operator : VA/SY
 Sample : L4621-07
 Misc : 7.43G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B8-110320-19-20

Quant Time: Nov 05 01:29:22 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	275083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	457885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	480147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	245341	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	152930	63.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.16%	
35) Dibromofluoromethane	7.92	113	152237	55.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.36%	
50) Toluene-d8	10.34	98	547035	56.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.86%	
62) 4-Bromofluorobenzene	12.64	95	209513	62.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.20%	

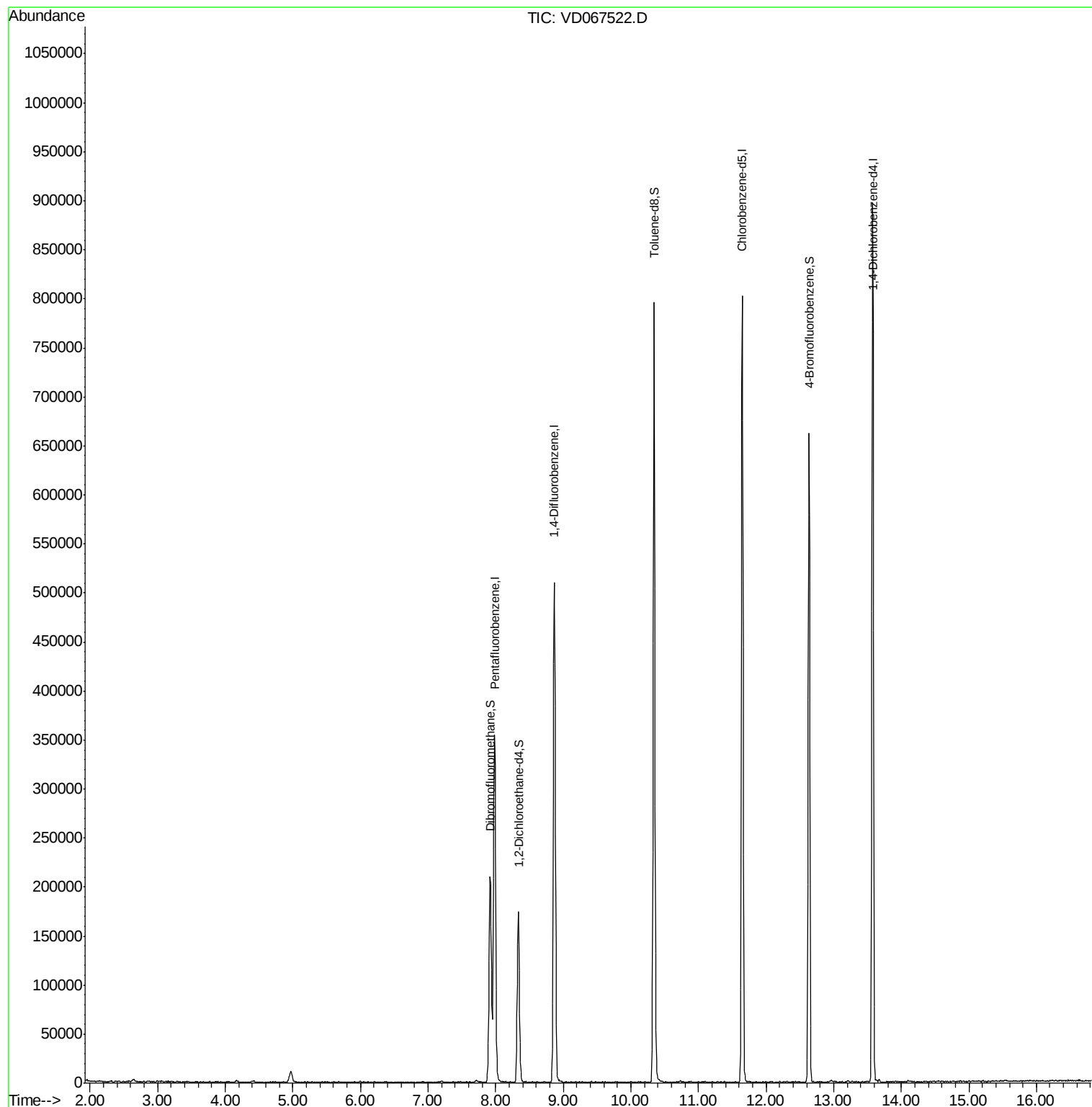
Target Compounds	Qvalue

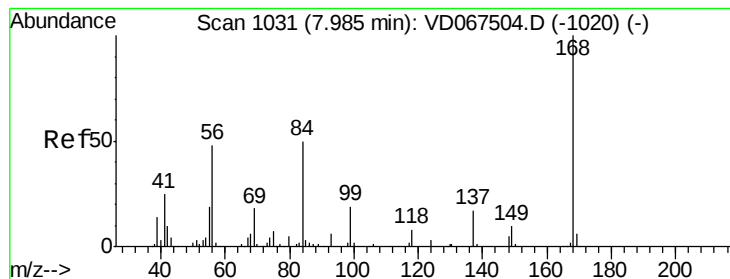
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067522.D

Acq: 04 Nov 2020 16:05

Instrument :

MSVOA_D

ClientSampleId :

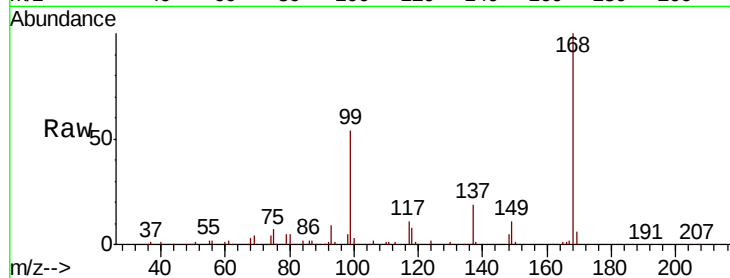
PAV-B8-110320-19-20

Tot Ion:168 Resp: 275083

Ion Ratio Lower Upper

168 100

99 54.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

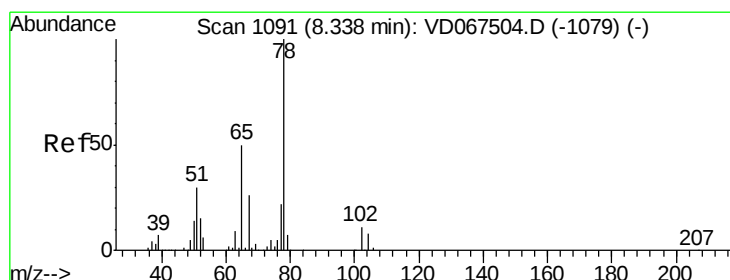
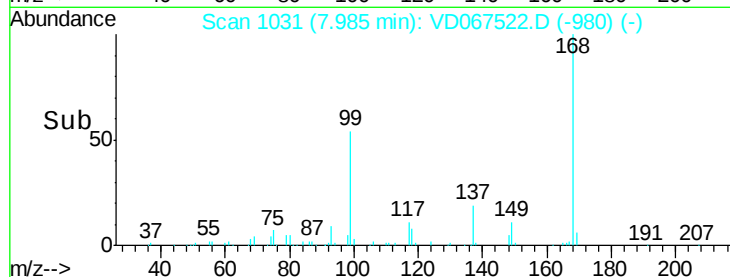
7.98

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 63.580 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067522.D

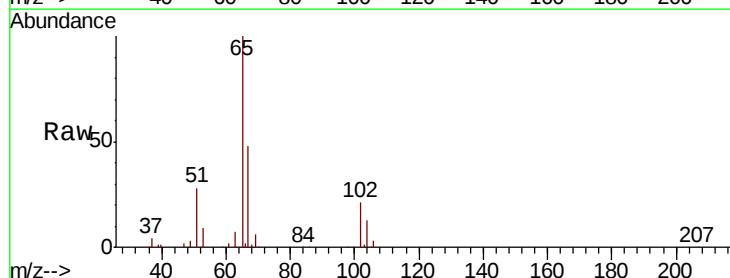
Acq: 04 Nov 2020 16:05

Tgt Ion: 65 Resp: 152930

Ion Ratio Lower Upper

65 100

67 48.1 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

80000

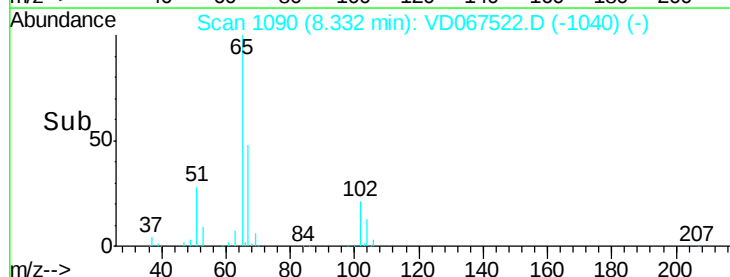
60000

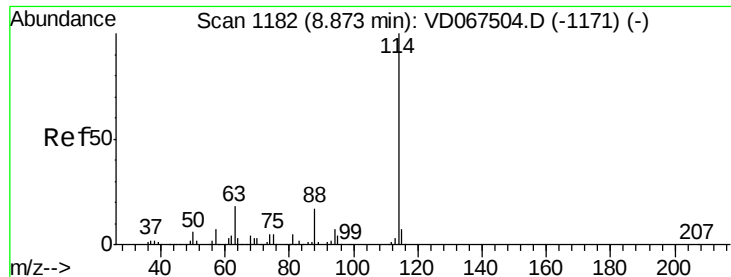
40000

20000

0

Time-->

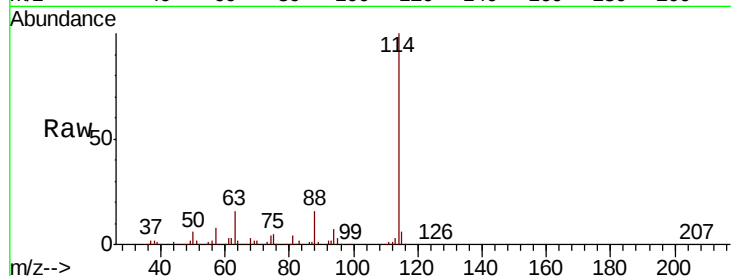




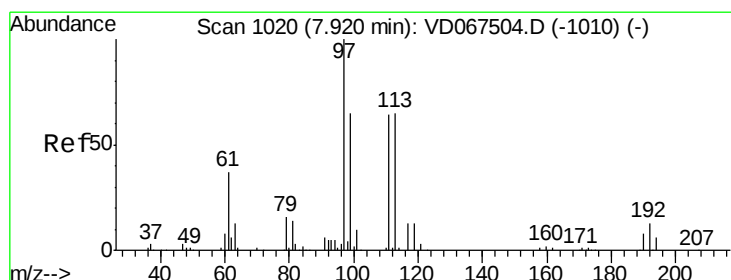
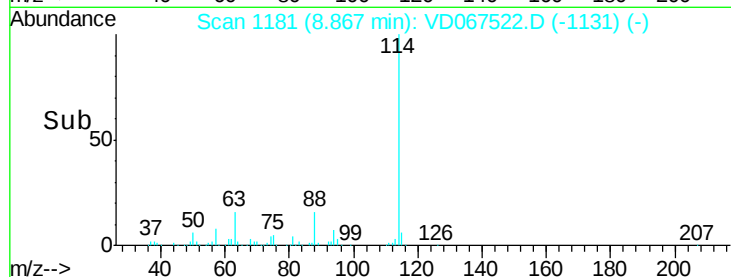
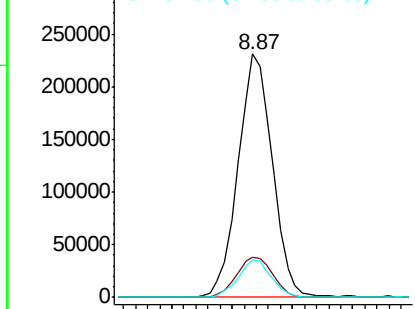
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD067522.D
Acq: 04 Nov 2020 16:05

Instrument :
MSVOA_D
ClientSampleId :
PAV-B8-110320-19-20

Tot Ion	Ratio	Lower	Upper
114	100		
63	16.2	0.0	35.0
88	15.6	0.0	33.0

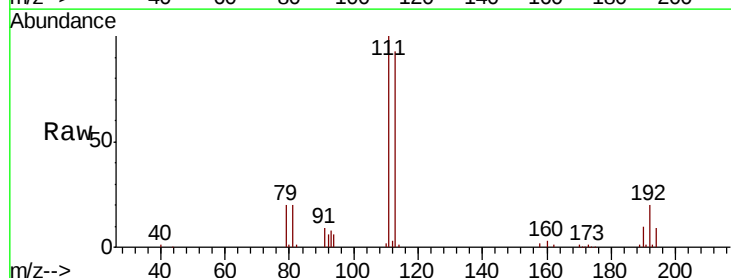


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VDC
Ion 87.90 (87.60 to 88.60): VDC

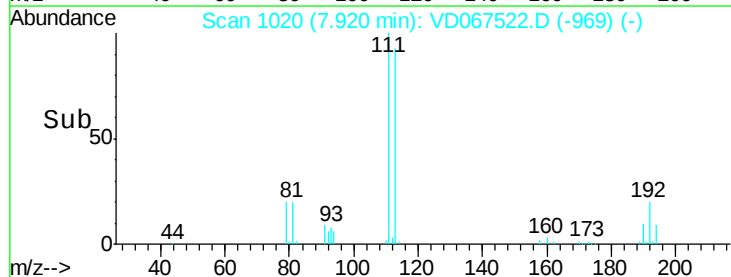
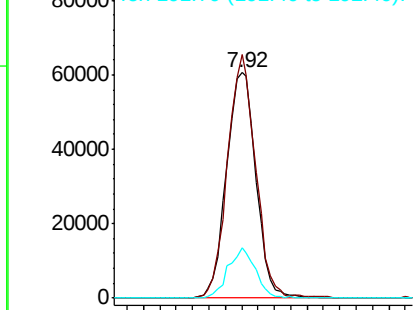


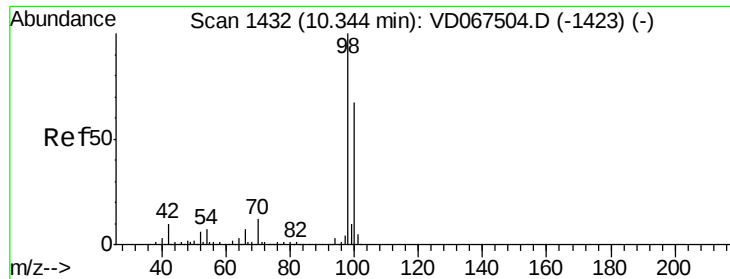
#35
Dibromofluoromethane
Concen: 55.183 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD067522.D
Acq: 04 Nov 2020 16:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.0	120.0
192	20.5	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

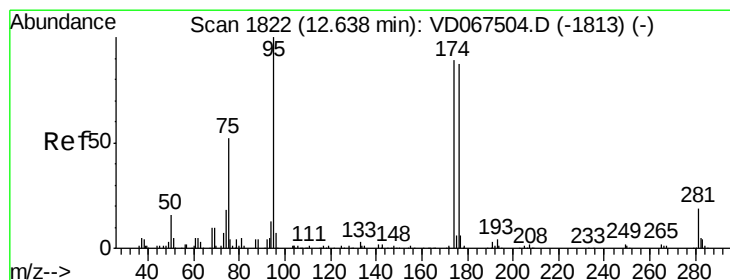
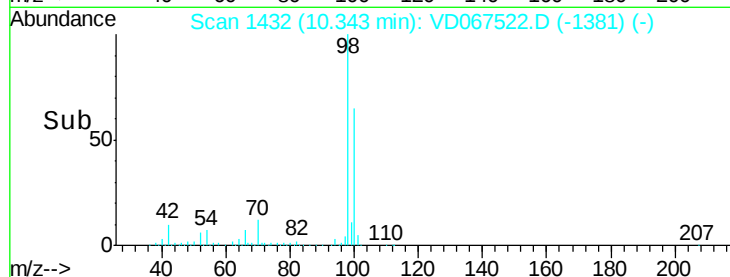
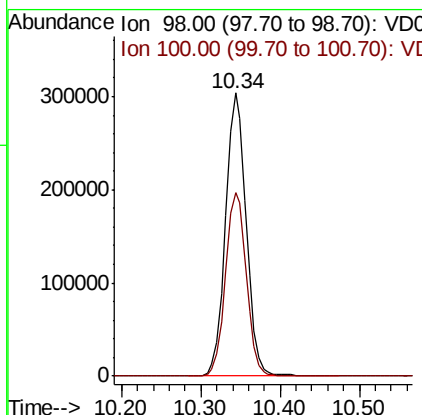
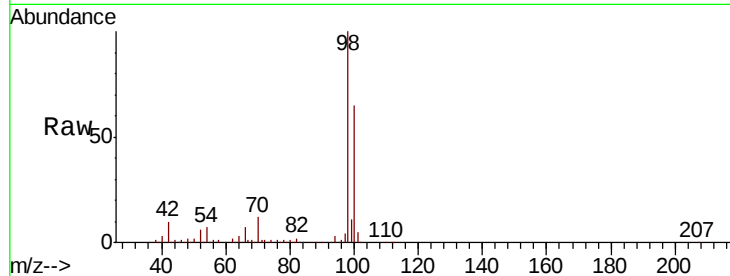




#50
Toluene-d8
Concen: 56.425 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067522.D
Acq: 04 Nov 2020 16:05

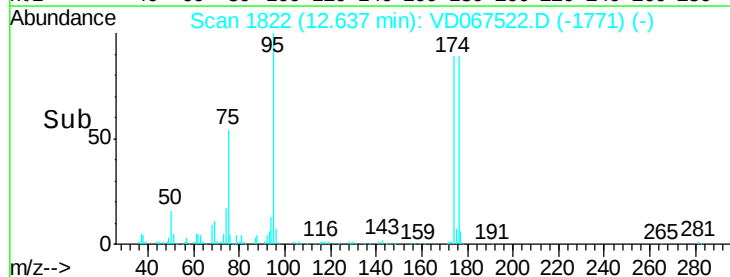
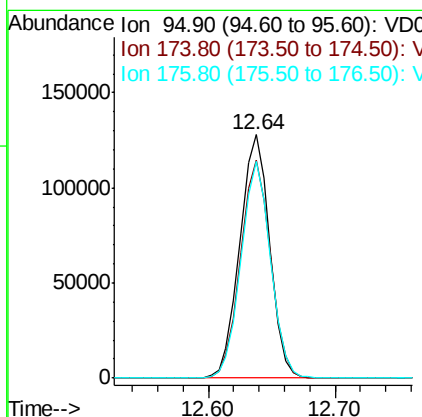
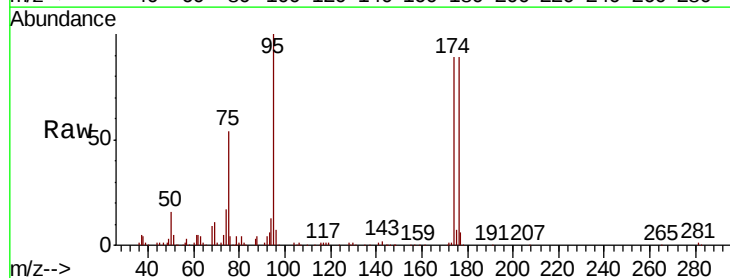
Instrument :
MSVOA_D
ClientSampleId :
PAV-B8-110320-19-20

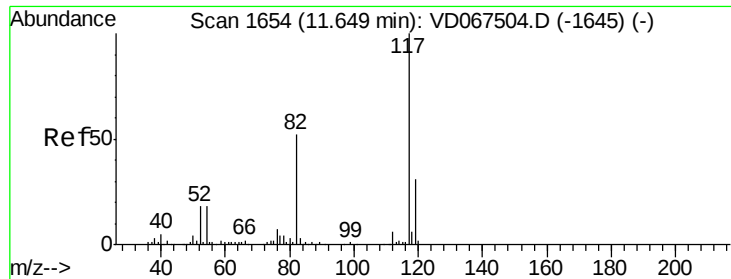
Tot Ion: 98 Resp: 547035
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 62.595 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067522.D
Acq: 04 Nov 2020 16:05

Tgt Ion: 95 Resp: 209513
Ion Ratio Lower Upper
95 100
174 89.5 0.0 177.8
176 87.7 0.0 172.0

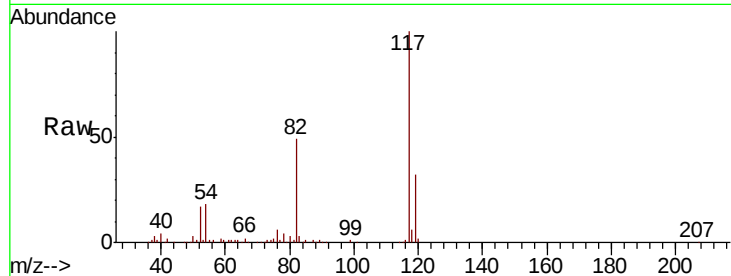




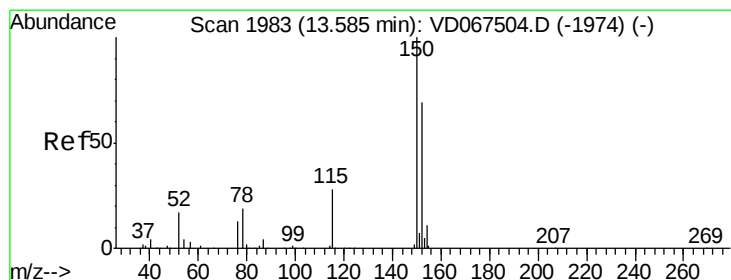
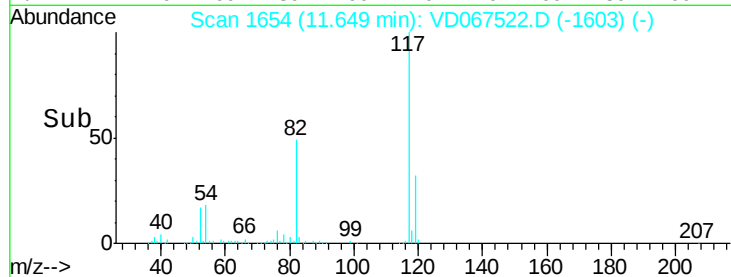
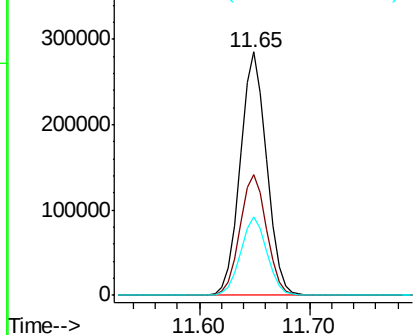
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067522.D
Acq: 04 Nov 2020 16:05

Instrument :
MSVOA_D
ClientSampleId :
PAV-B8-110320-19-20

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.3	41.6	62.4
119	32.2	25.1	37.7

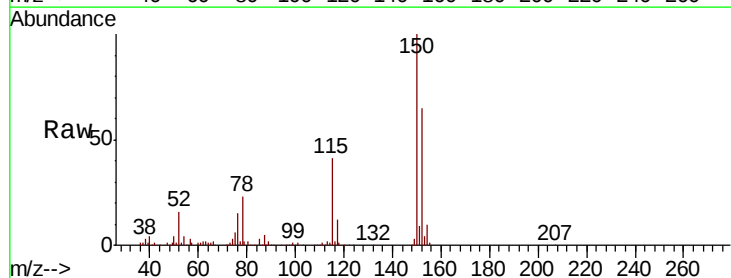


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067522.D
Acq: 04 Nov 2020 16:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.3	88.0
150	157.8	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

