

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110420\
 Data File : VD067524.D
 Acq On : 04 Nov 2020 17:00
 Operator : VA/SY
 Sample : L4622-11
 Misc : 6.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B7-110220-DP

Quant Time: Nov 05 01:33:19 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	7.99	168	283842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	474883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	486355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	243152	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	156833	63.19	ug/l	0.00
Spiked Amount			Recovery	=	126.38%	
35) Dibromofluoromethane	7.92	113	155797	54.45	ug/l	0.00
Spiked Amount			Recovery	=	108.90%	
50) Toluene-d8	10.34	98	559152	55.61	ug/l	0.00
Spiked Amount			Recovery	=	111.22%	
62) 4-Bromofluorobenzene	12.64	95	208321	60.01	ug/l	0.00
Spiked Amount			Recovery	=	120.02%	

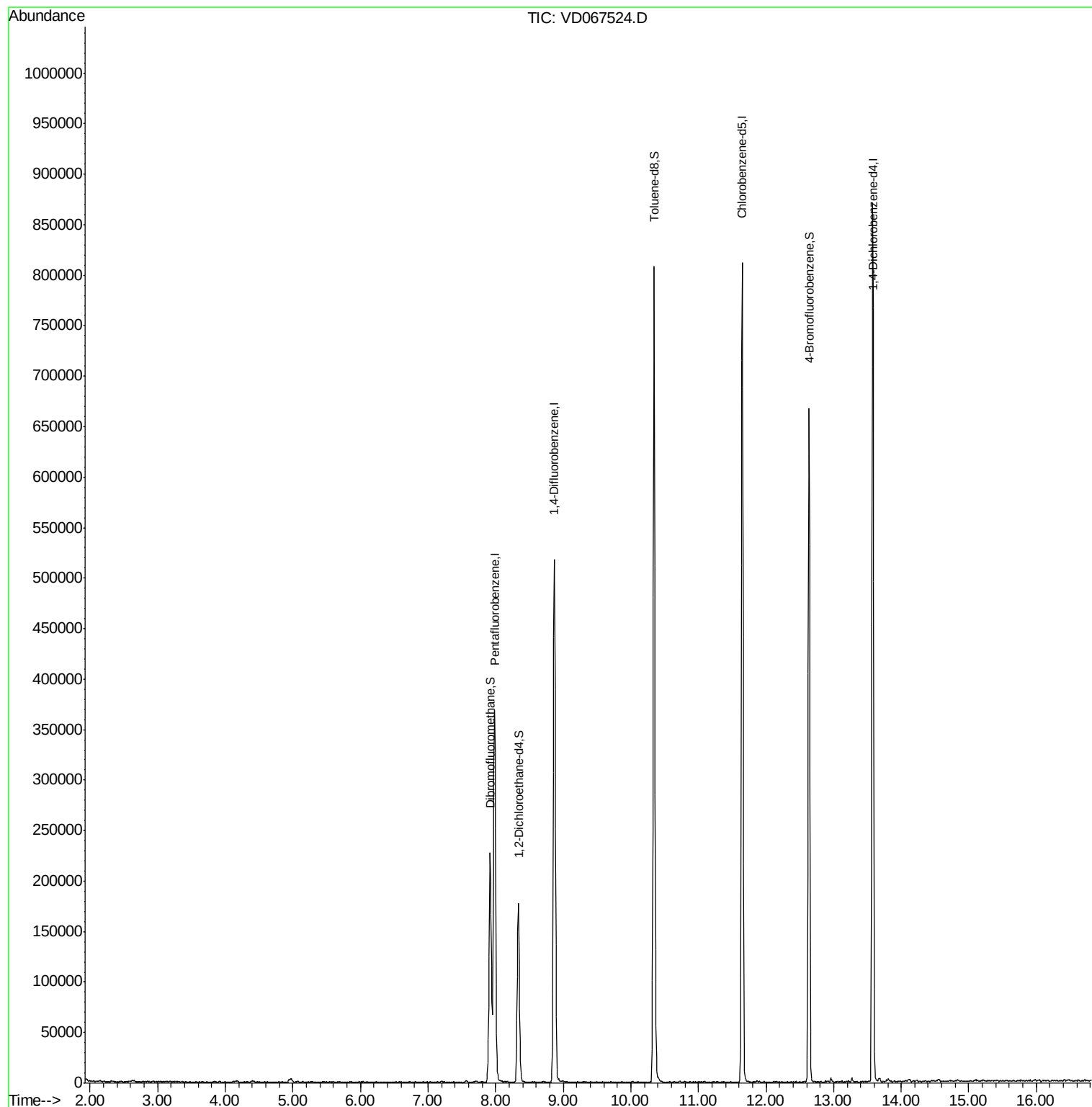
Target Compounds	Qvalue
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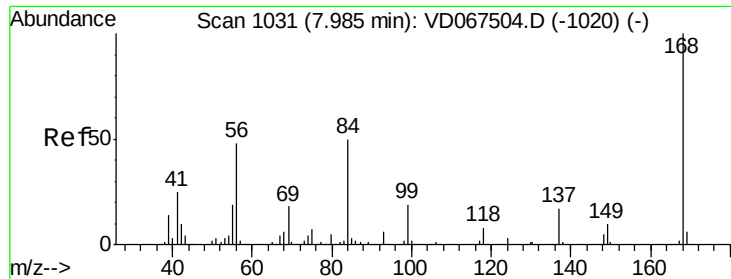
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067524.D

Acq: 04 Nov 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

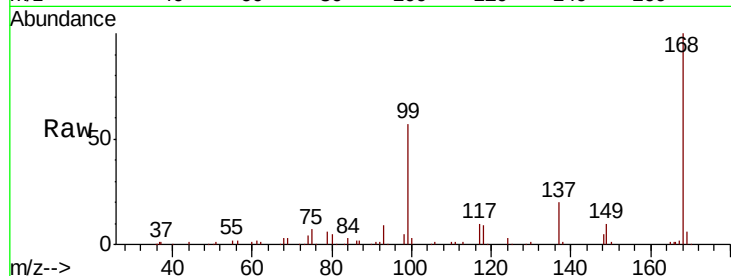
PAV-B7-110220-DP

Tot Ion:168 Resp: 283842

Ion Ratio Lower Upper

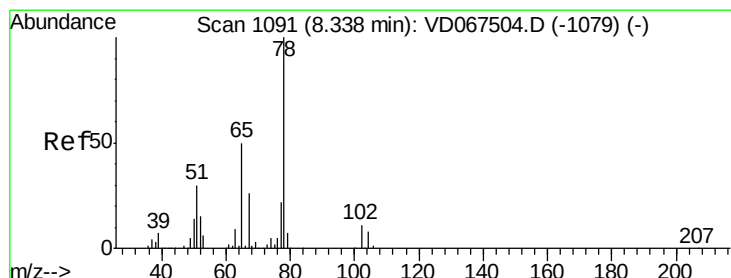
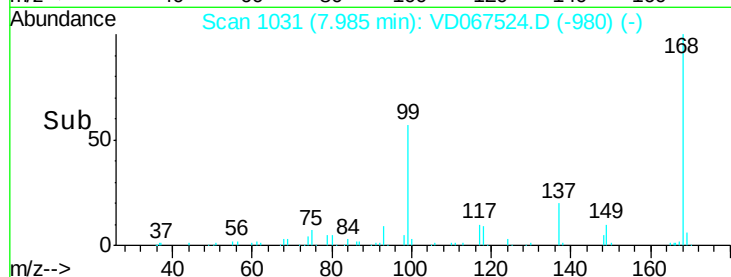
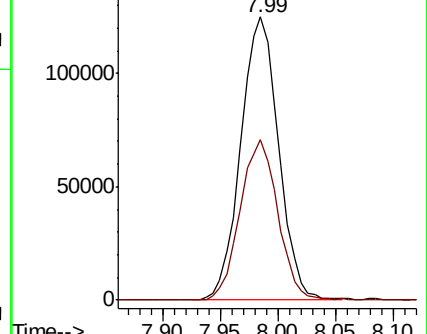
168 100

99 56.6 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: 63.191 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067524.D

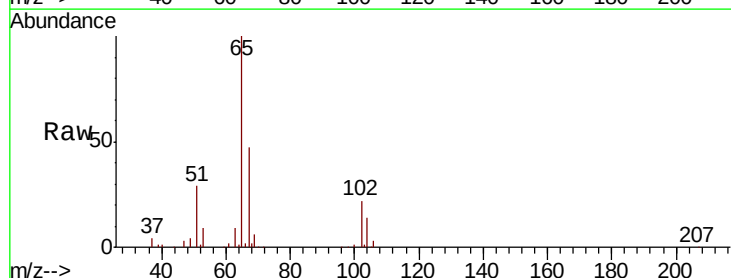
Acq: 04 Nov 2020 17:00

Tgt Ion: 65 Resp: 156833

Ion Ratio Lower Upper

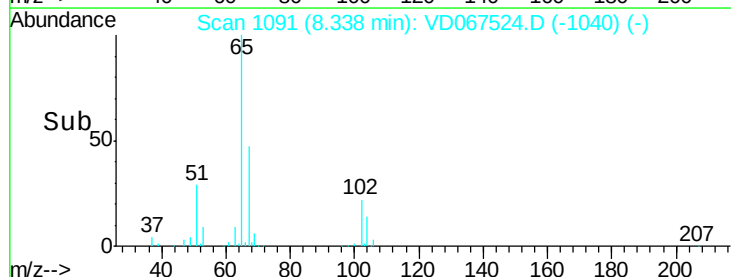
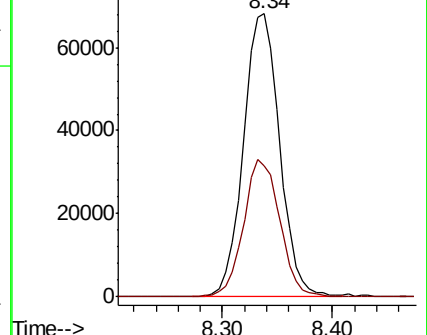
65 100

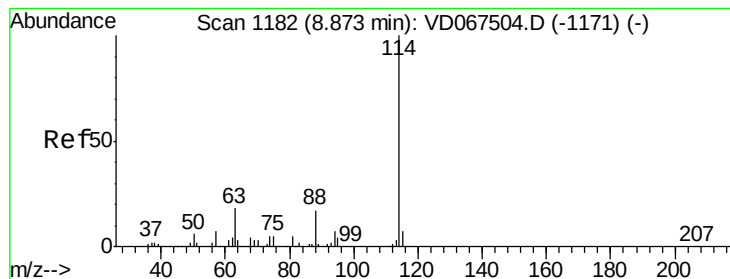
67 48.6 0.0 99.4



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: VD067524.D

Acq: 04 Nov 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

PAV-B7-110220-DP

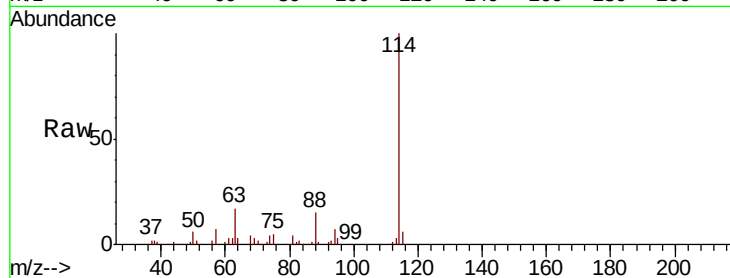
Tot Ion:114 Resp: 474883

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

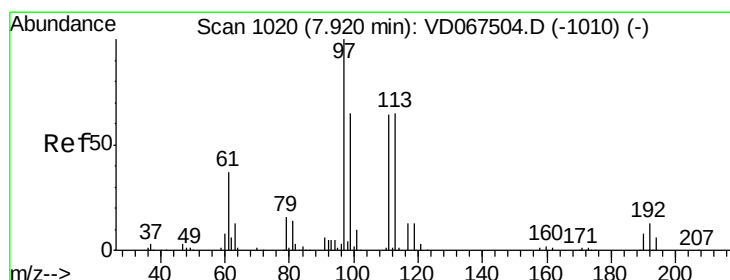
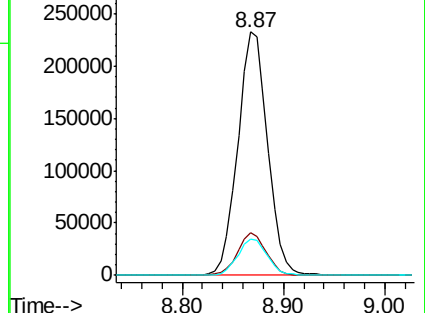
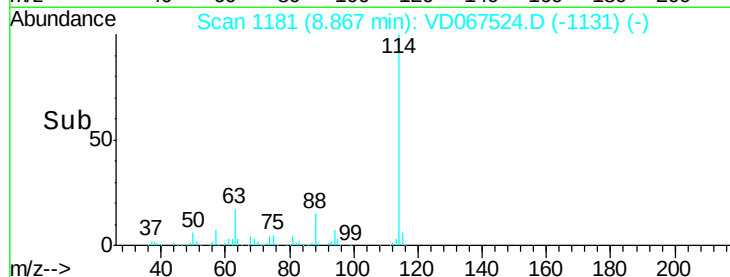
88 14.8 0.0 33.0



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: 54.452 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067524.D

Acq: 04 Nov 2020 17:00

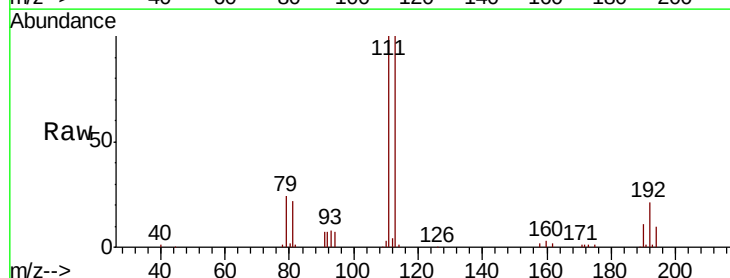
Tgt Ion:113 Resp: 155797

Ion Ratio Lower Upper

113 100

111 102.5 80.0 120.0

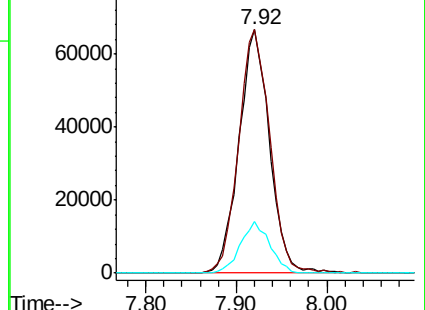
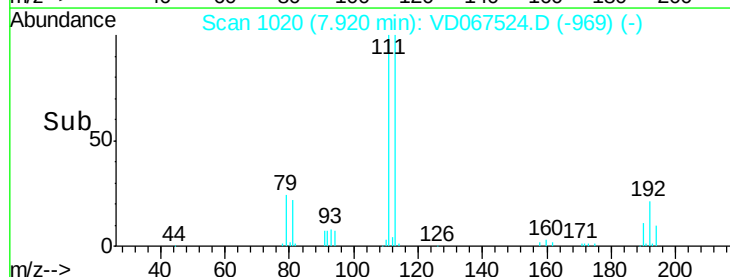
192 20.5 16.3 24.5

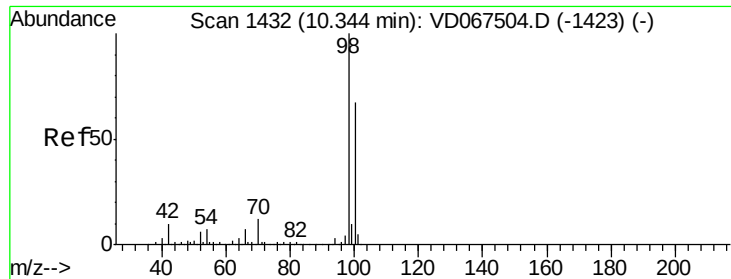


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

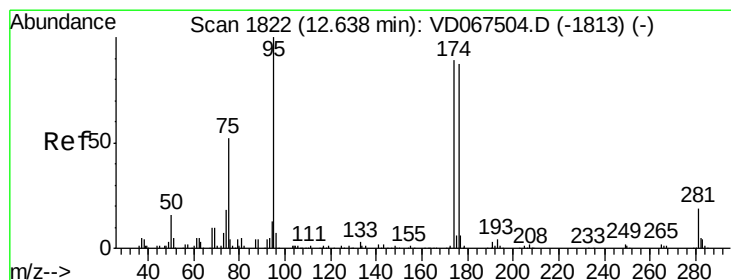
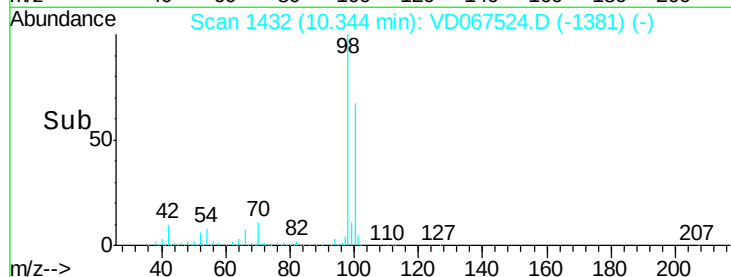
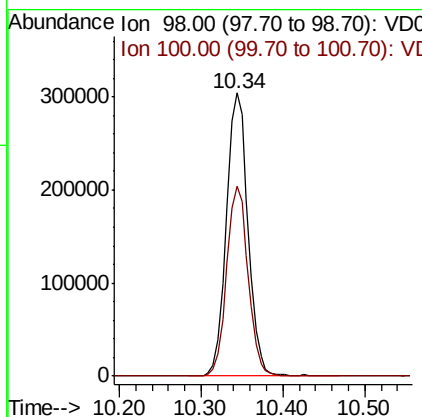
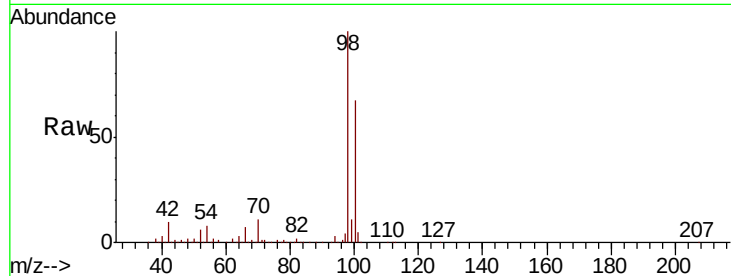




#50
Toluene-d8
Concen: 55.611 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067524.D
Acq: 04 Nov 2020 17:00

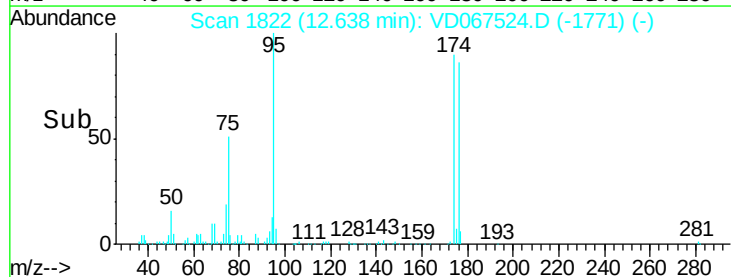
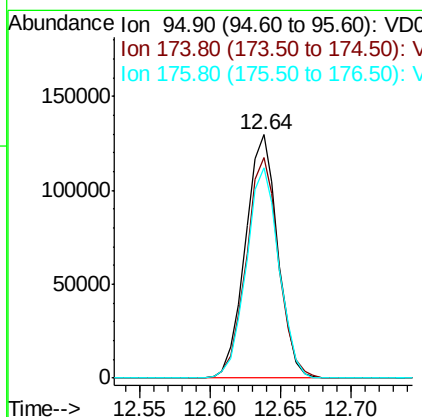
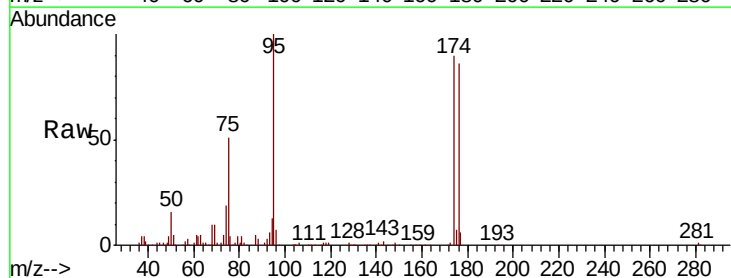
Instrument :
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PAV-B7-110220-DP

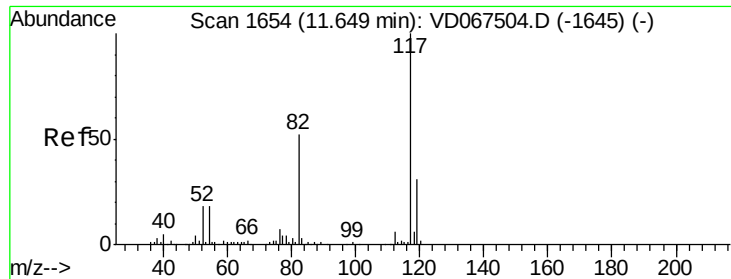
Tot Ion: 98 Resp: 559152
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 60.011 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067524.D
Acq: 04 Nov 2020 17:00

Tgt Ion: 95 Resp: 208321
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.8
176 87.4 0.0 172.0

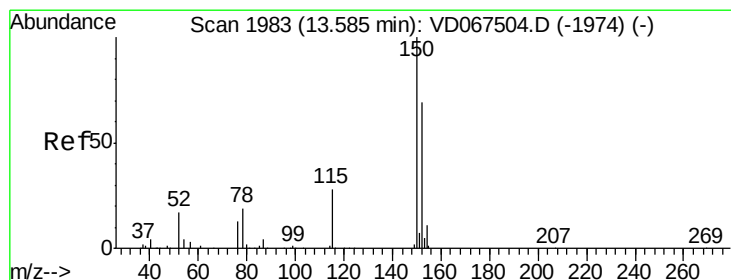
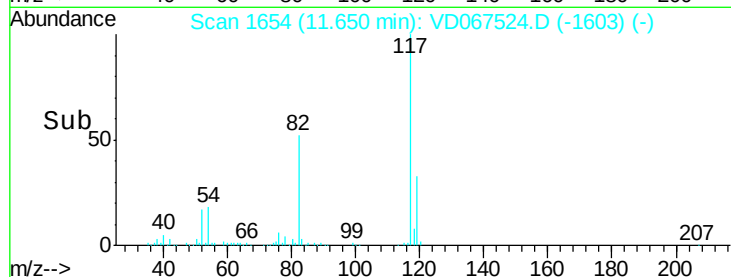
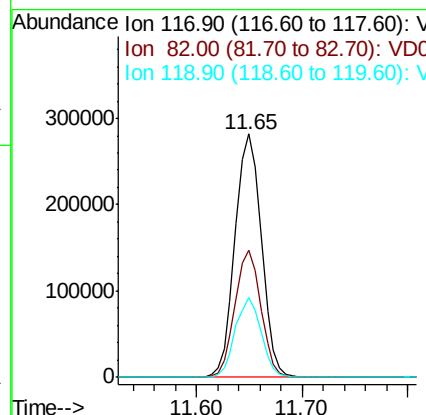
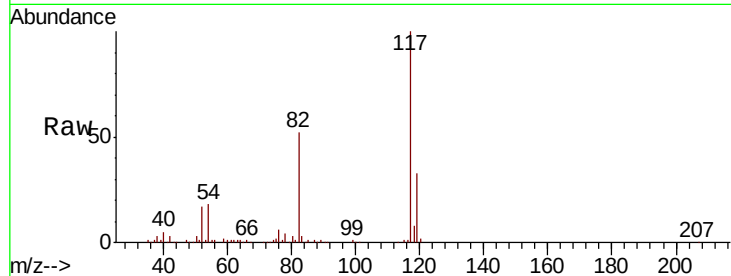




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067524.D
Acq: 04 Nov 2020 17:00

Instrument :
MSVOA_D
ClientSampleId :
PAV-B7-110220-DP

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.6	62.4
119	32.8	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: VD067524.D
Acq: 04 Nov 2020 17:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	29.3	88.0
150	154.7	0.0	338.2

