

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067172.D
 Acq On : 08 Oct 2020 01:35
 Operator : VA/SY
 Sample : L4291-07
 Misc : 7.19G/5.00ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B4-100620-19-20

Quant Time: Oct 08 08:51:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	402004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	648095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	593272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	270078	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	194279	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	7.92	113	204112	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
50) Toluene-d8	10.34	98	754111	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
62) 4-Bromofluorobenzene	12.64	95	245590	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	

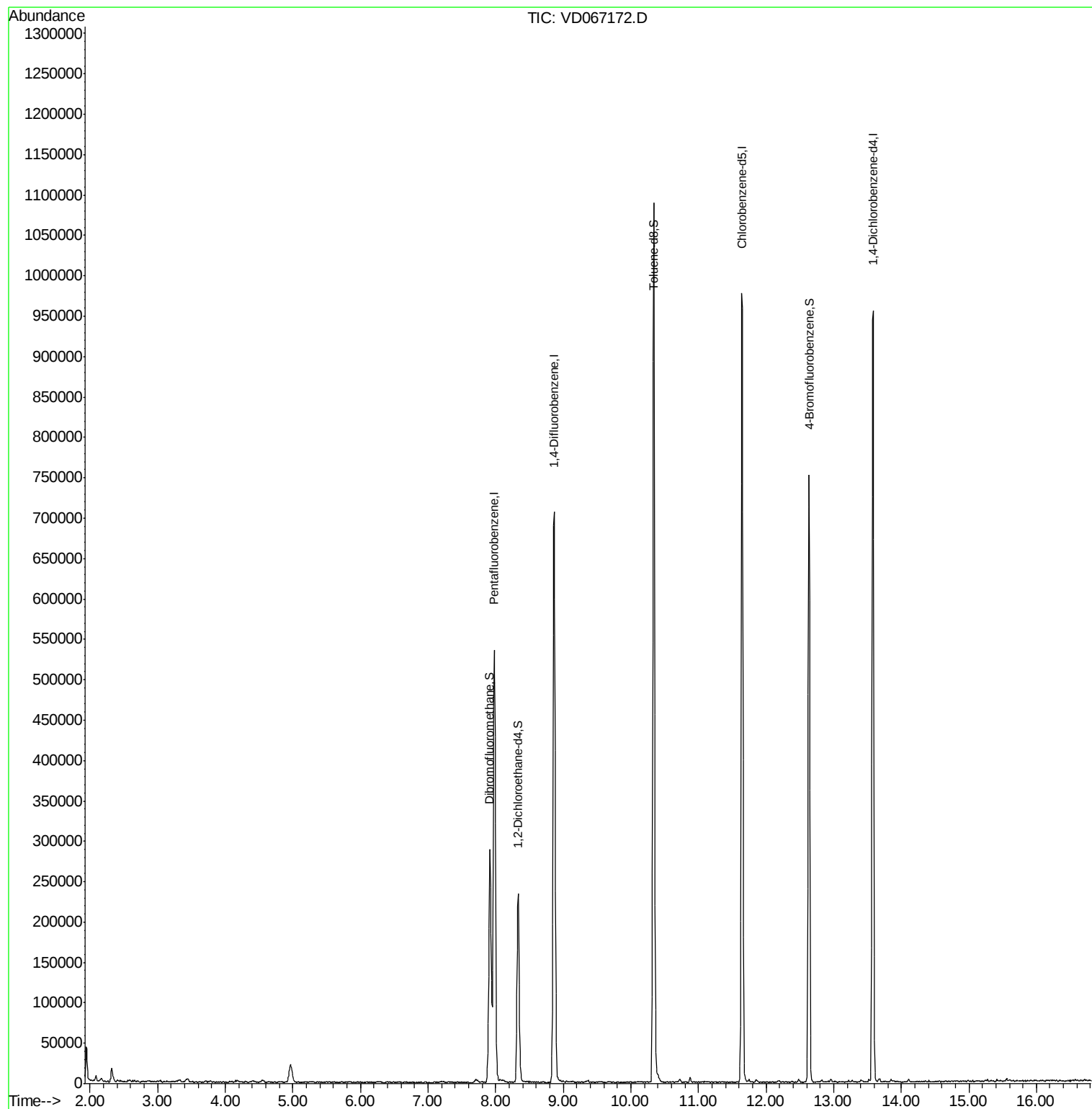
Target Compounds	Qvalue

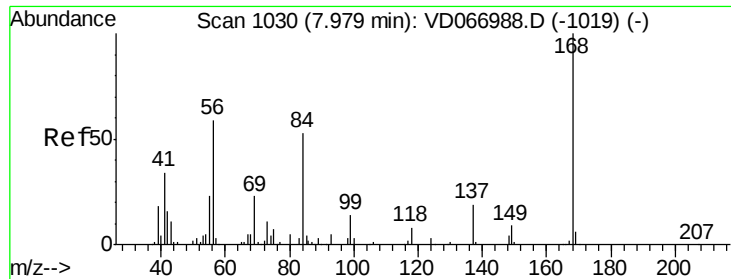
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100720\
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QLast Update : Thu Oct 01 15:19:17 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD067172.D

Acq: 08 Oct 2020 01:35

Instrument :

MSVOA_D

ClientSampleId :

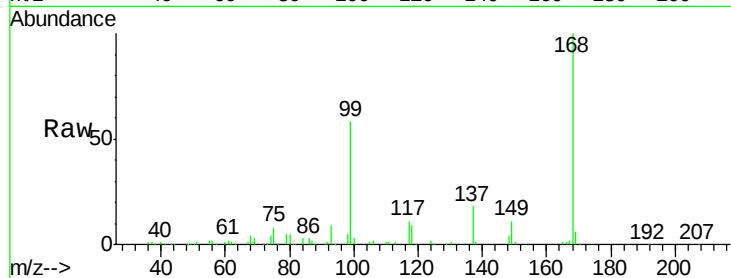
PAV-B4-100620-19-20

Tot Ion:168 Resp: 402004

Ion Ratio Lower Upper

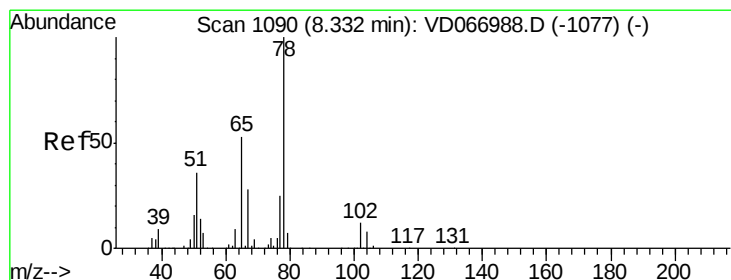
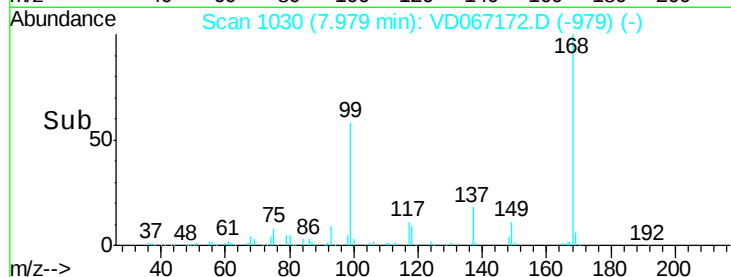
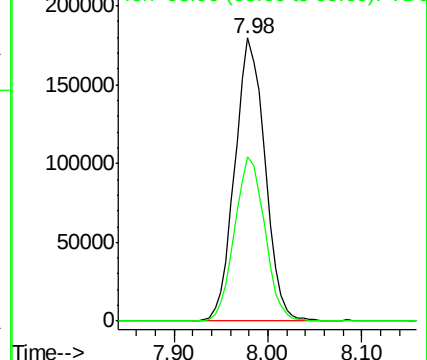
168 100

99 58.1 44.1 66.1



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: 50.174 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD067172.D

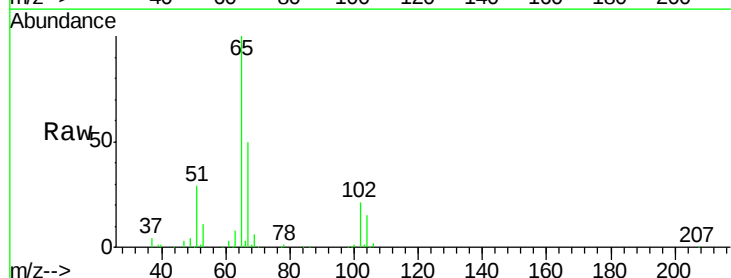
Acq: 08 Oct 2020 01:35

Tgt Ion: 65 Resp: 194279

Ion Ratio Lower Upper

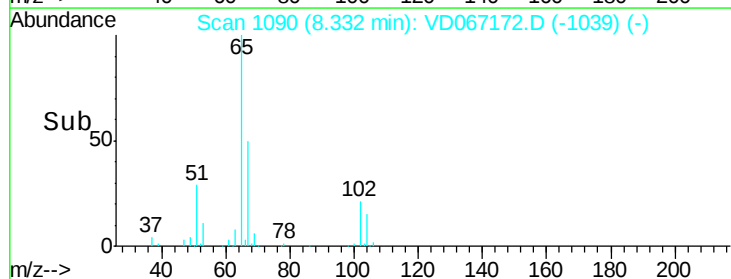
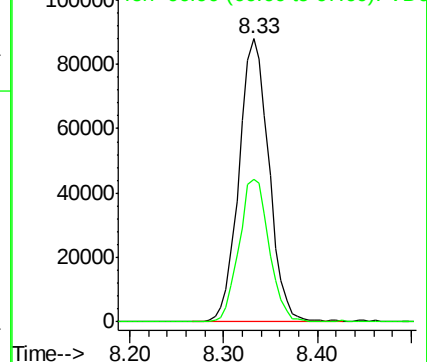
65 100

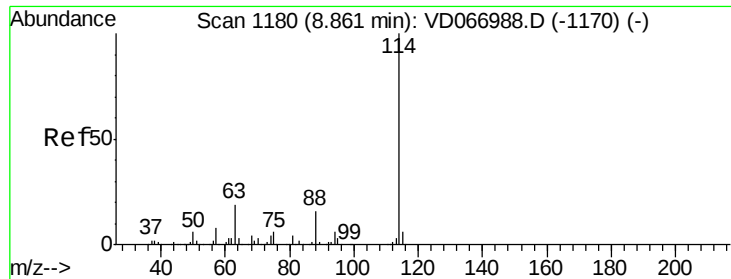
67 50.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

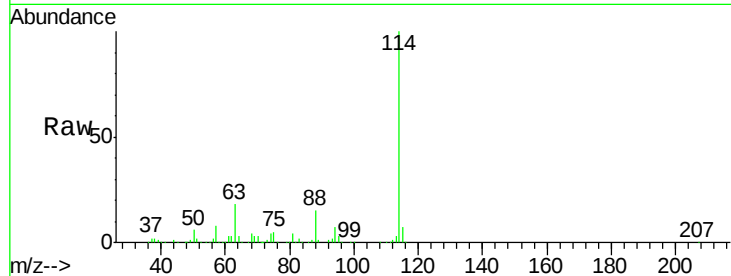




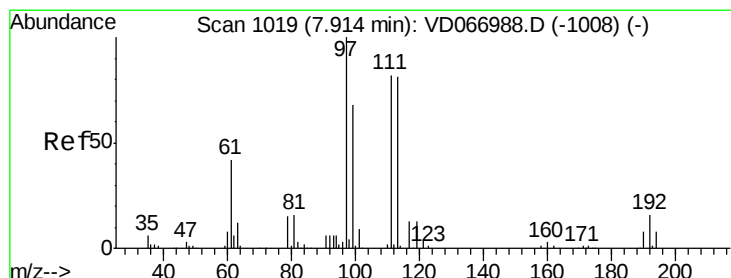
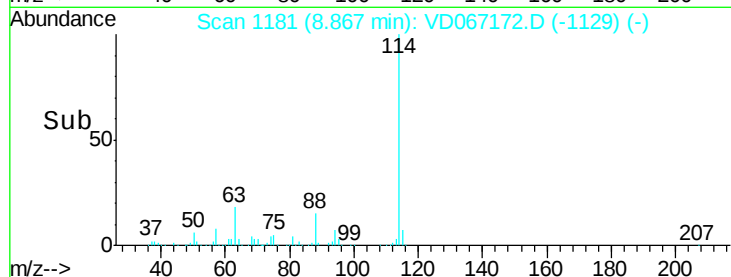
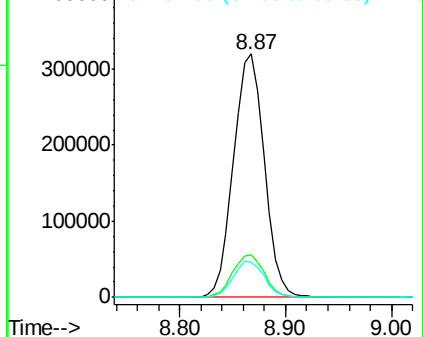
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067172.D
 Acq: 08 Oct 2020 01:35

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B4-100620-19-20

Tot Ion:114 Resp: 648095
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 38.4
 88 14.5 0.0 31.2

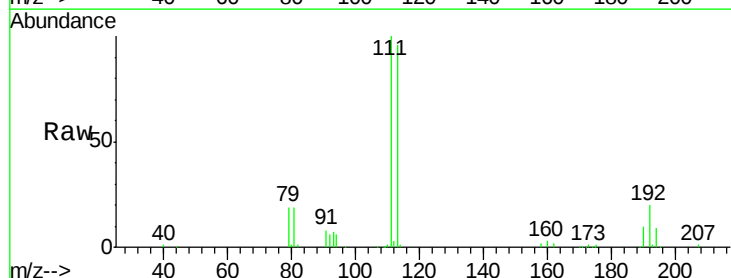


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

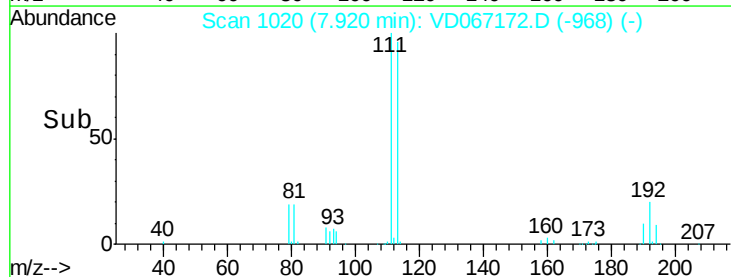
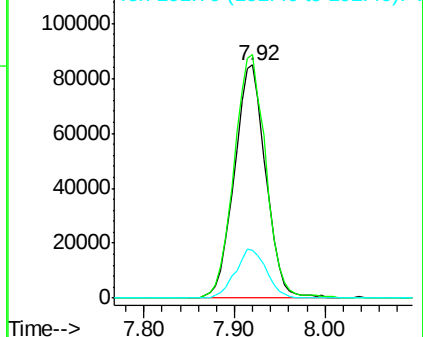


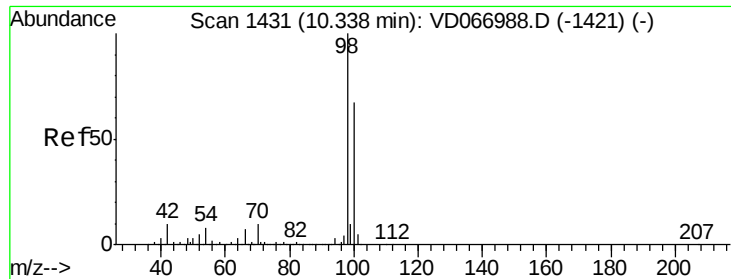
#35
 Dibromofluoromethane
 Concen: 48.106 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067172.D
 Acq: 08 Oct 2020 01:35

Tgt Ion:113 Resp: 204112
 Ion Ratio Lower Upper
 113 100
 111 105.7 83.0 124.4
 192 20.8 15.5 23.3



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: 48.776 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD067172.D

Acq: 08 Oct 2020 01:35

Instrument :

MSVOA_D

ClientSampleId :

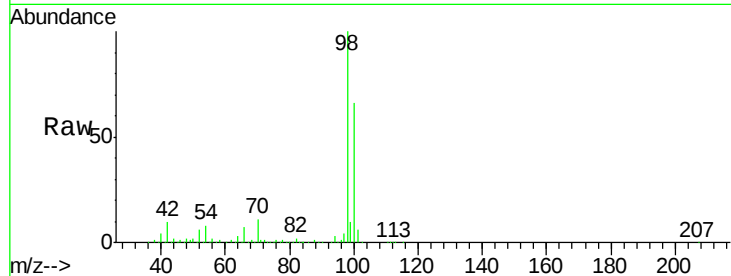
PAV-B4-100620-19-20

Tot Ion: 98 Resp: 754111

Ion Ratio Lower Upper

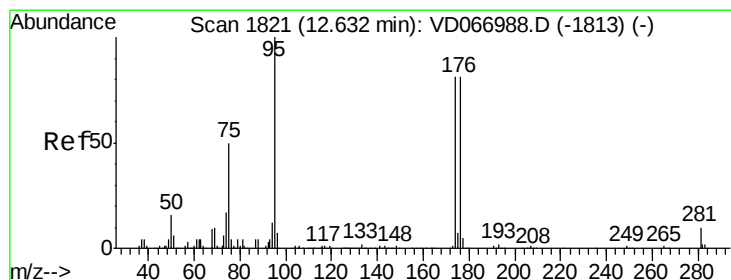
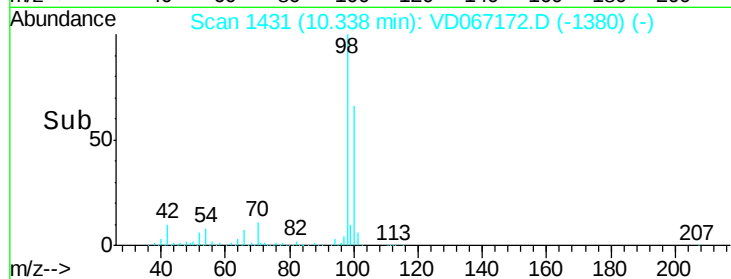
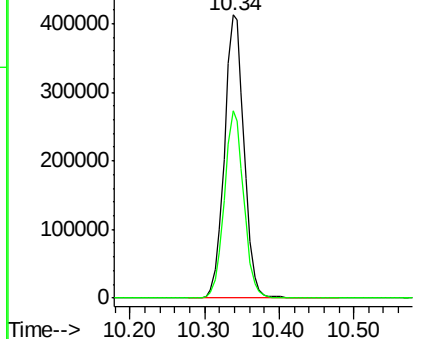
98 100

100 65.6 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VD066988.D (-1421) (-)

Ion 100.00 (99.70 to 100.70): VD066988.D (-1421) (-)



#62

4-Bromofluorobenzene

Concen: 46.792 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067172.D

Acq: 08 Oct 2020 01:35

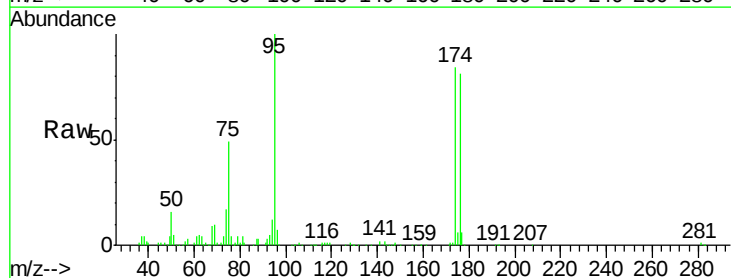
Tgt Ion: 95 Resp: 245590

Ion Ratio Lower Upper

95 100

174 85.4 0.0 167.6

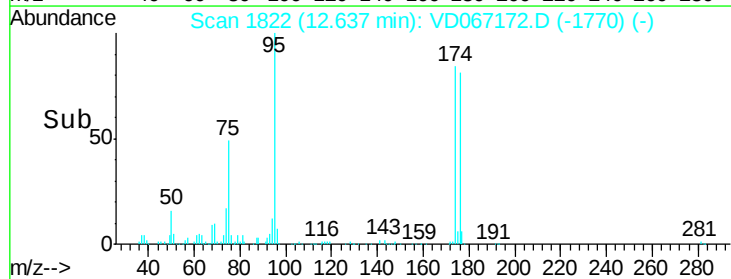
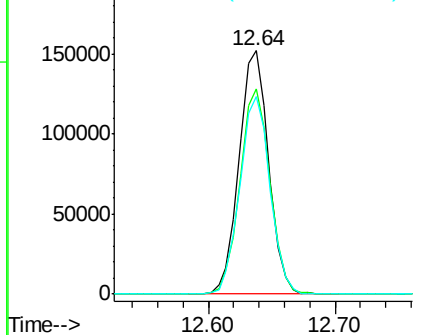
176 82.8 0.0 162.4

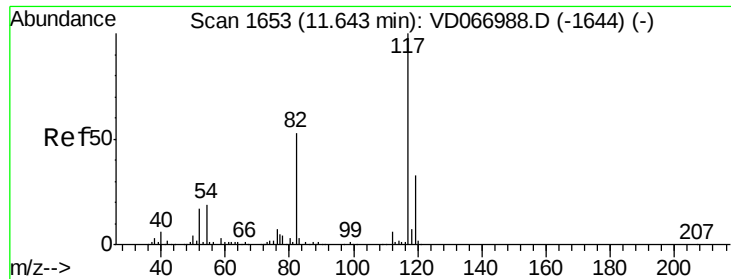


Abundance Ion 94.90 (94.60 to 95.60): VD066988.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD066988.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD066988.D (-1813) (-)

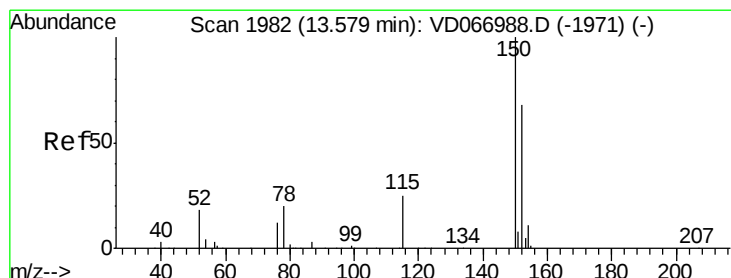
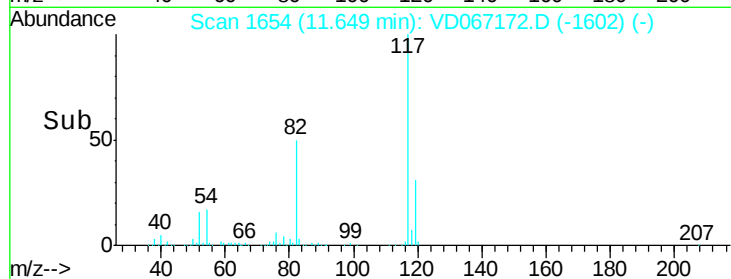
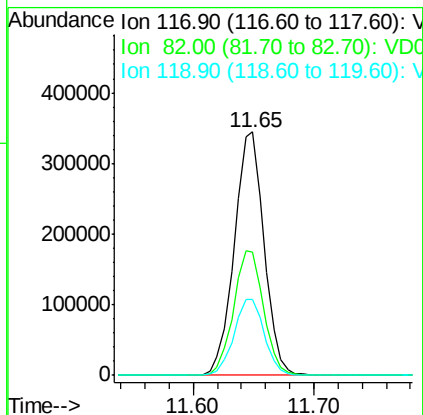
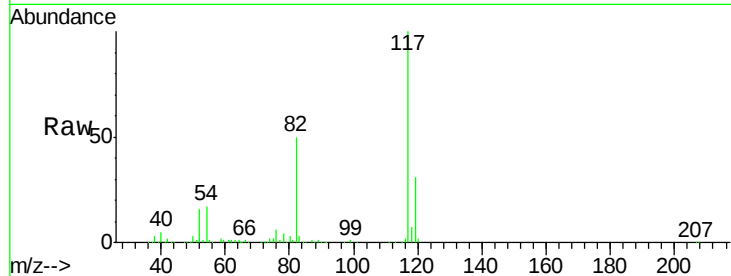




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067172.D
Acq: 08 Oct 2020 01:35

Instrument :
MSVOA_D
ClientSampleId :
PAV-B4-100620-19-20

Tot Ion:117 Resp: 593272
Ion Ratio Lower Upper
117 100
82 50.4 42.6 63.8
119 31.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD067172.D
Acq: 08 Oct 2020 01:35

Tgt Ion:152 Resp: 270078
Ion Ratio Lower Upper
152 100
115 59.4 29.6 88.8
150 159.0 0.0 344.8

