

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067794.D
 Acq On : 25 Nov 2020 18:27
 Operator : VA/SY
 Sample : L4903-01
 Misc : 7.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Nov 26 02:52:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	562666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	881851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	858380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	449776	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	288811	52.79	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.58%
35) Dibromofluoromethane	7.92	113	275759	49.14	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.28%
50) Toluene-d8	10.34	98	988519	48.18	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.36%
62) 4-Bromofluorobenzene	12.64	95	386438	55.10	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.20%

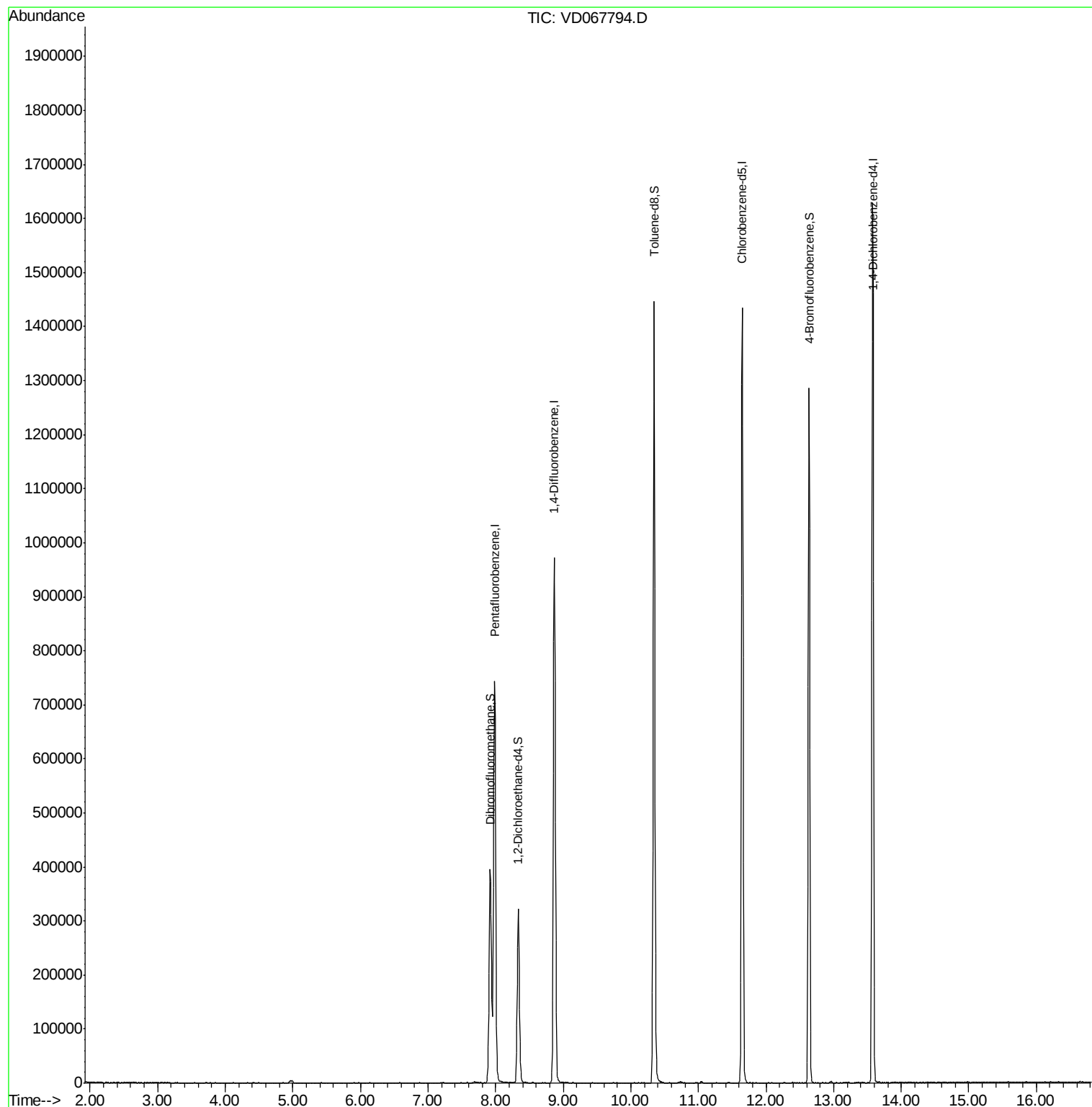
Target Compounds	Qvalue
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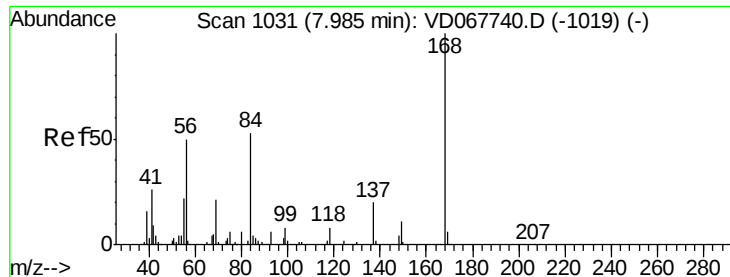
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD067794.D

Acq: 25 Nov 2020 18:27

Instrument :

MSVOA_D

ClientSampled :

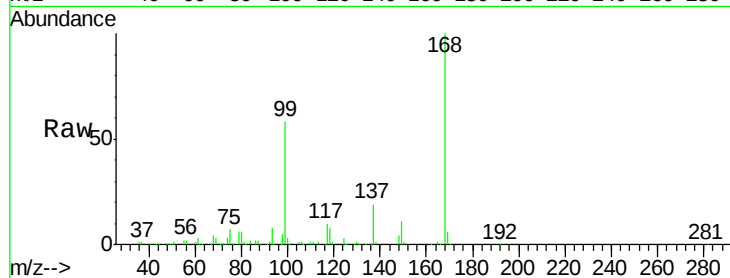
TP-1

Tot Ion:168 Resp: 562666

Ion Ratio Lower Upper

168 100

99 57.9 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

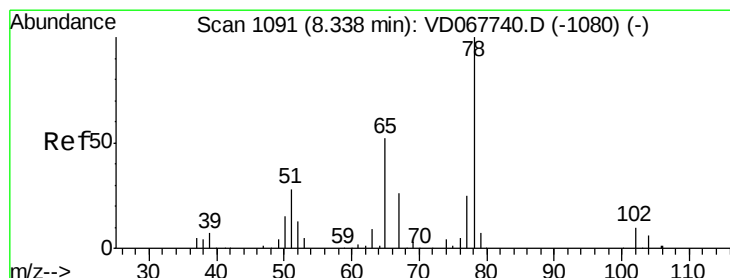
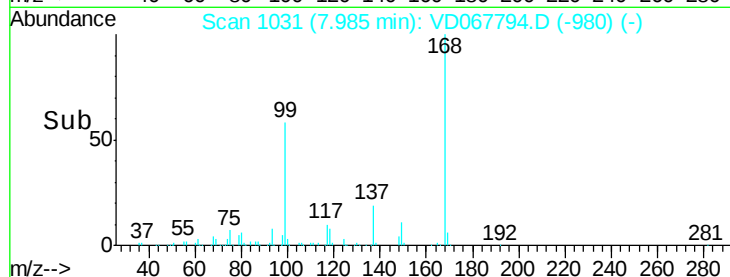
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.791 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067794.D

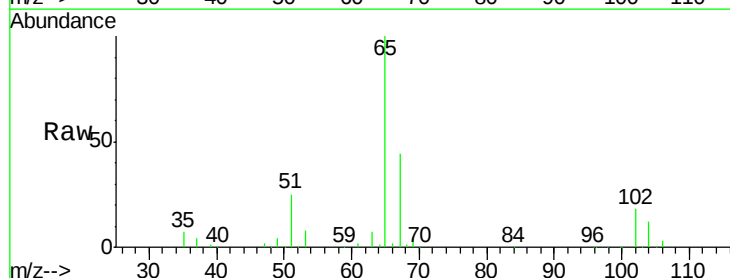
Acq: 25 Nov 2020 18:27

Tgt Ion: 65 Resp: 288811

Ion Ratio Lower Upper

65 100

67 47.4 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

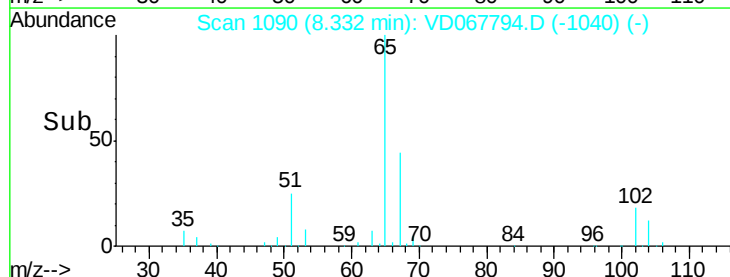
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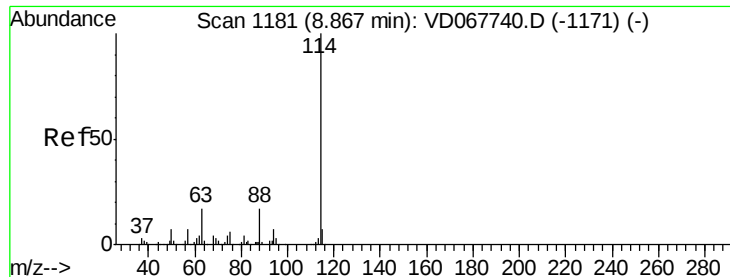
100000

50000

0

Time-->

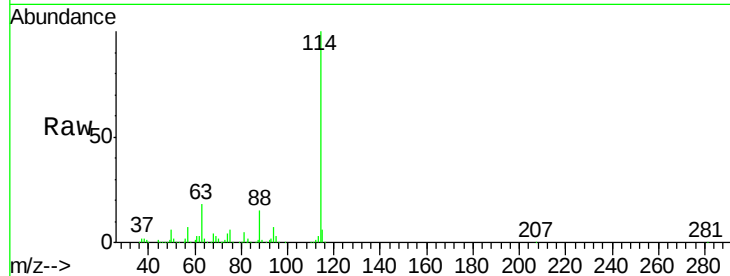




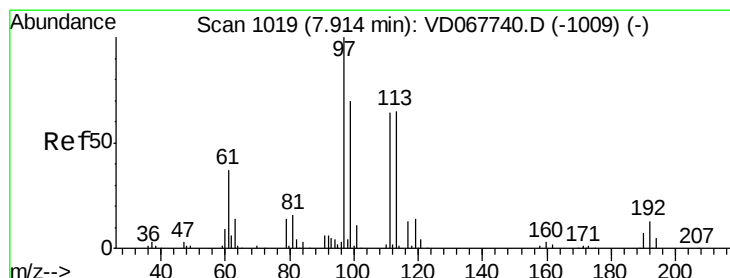
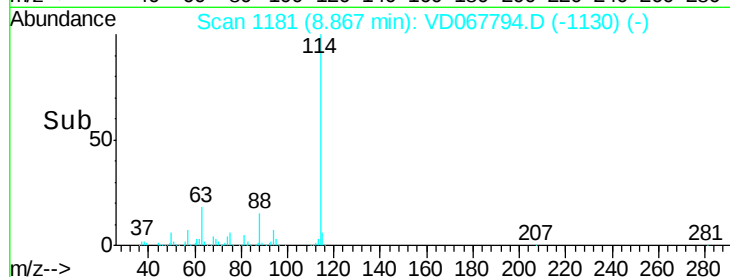
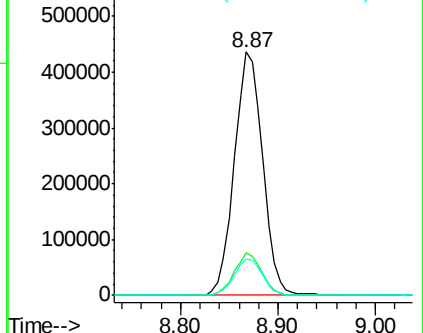
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD067794.D
Acq: 25 Nov 2020 18:27

Instrument :
MSVOA_D
ClientSampled :
TP-1

Tot Ion:114 Resp: 881851
Ion Ratio Lower Upper
114 100
63 17.7 0.0 34.8
88 14.9 0.0 34.4

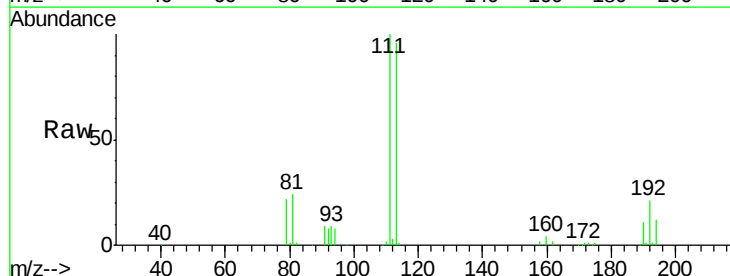


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

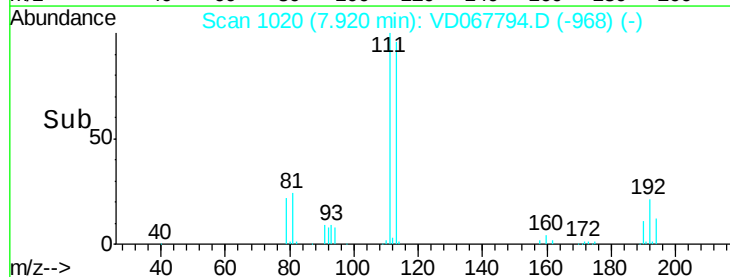
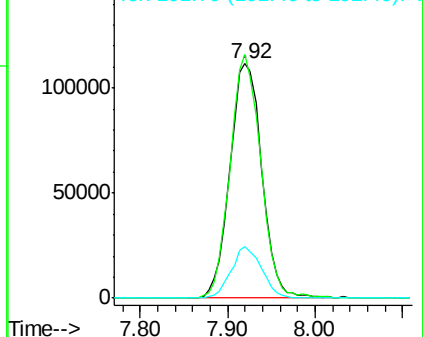


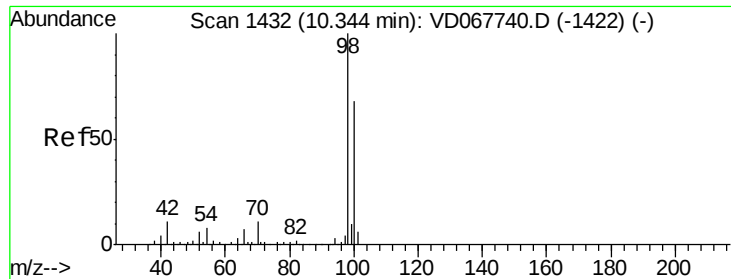
#35
Dibromofluoromethane
Concen: 49.137 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067794.D
Acq: 25 Nov 2020 18:27

Tgt Ion:113 Resp: 275759
Ion Ratio Lower Upper
113 100
111 100.4 81.4 122.0
192 21.0 17.0 25.4



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

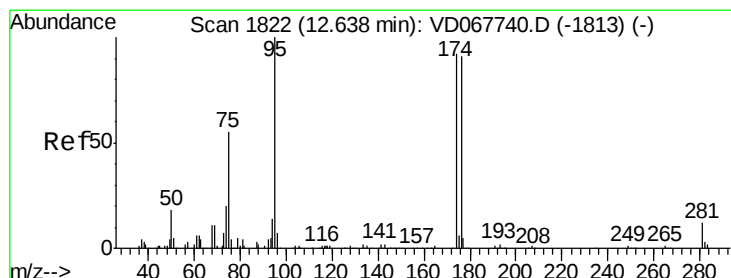
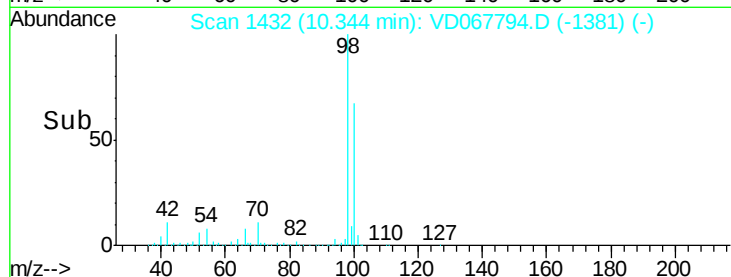
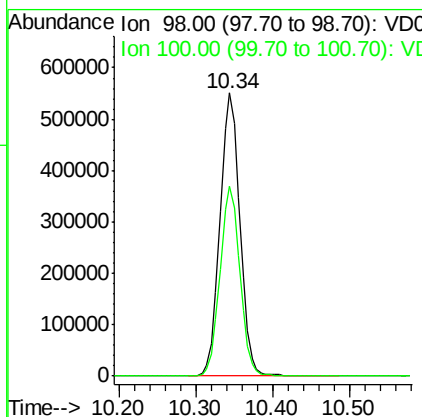
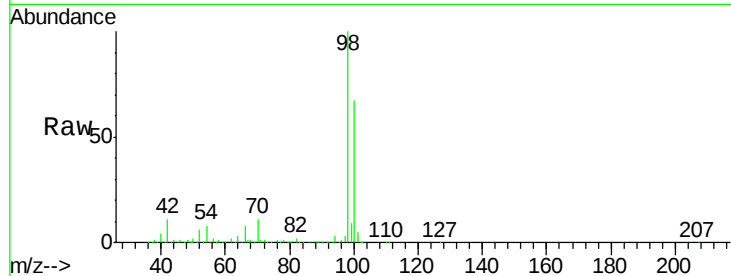




#50
Toluene-d8
Concen: 48.178 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067794.D
Acq: 25 Nov 2020 18:27

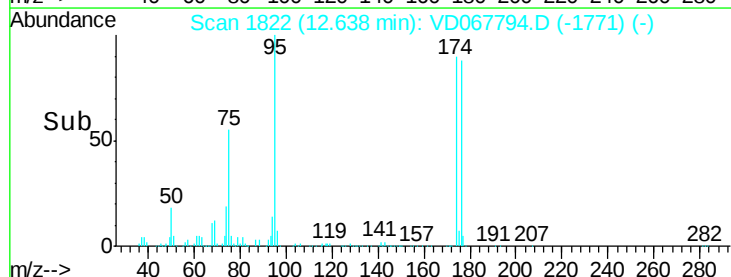
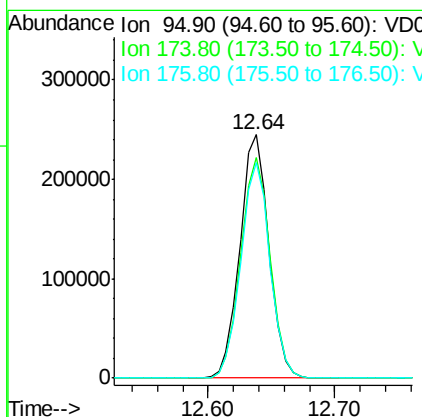
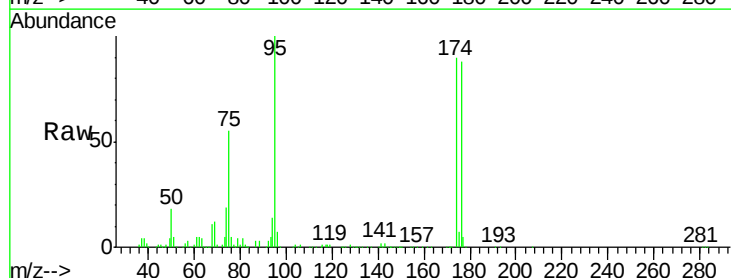
Instrument :
MSVOA_D
ClientSampleId :
TP-1

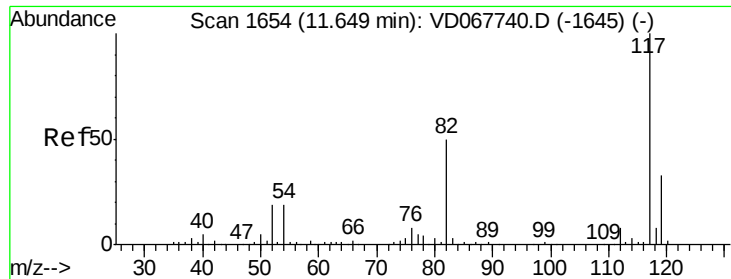
Tot Ion: 98 Resp: 988519
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 55.101 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067794.D
Acq: 25 Nov 2020 18:27

Tgt Ion: 95 Resp: 386438
Ion Ratio Lower Upper
95 100
174 92.5 0.0 182.4
176 89.1 0.0 178.2

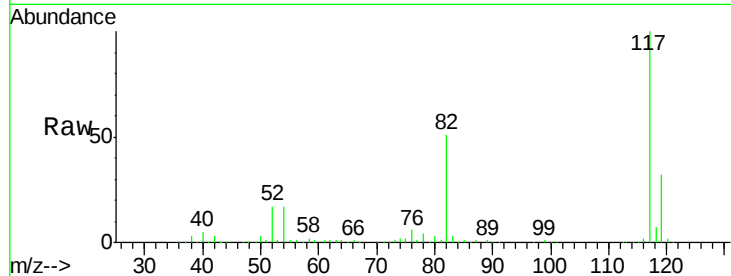




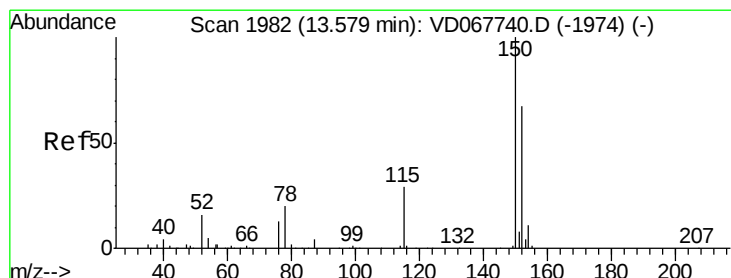
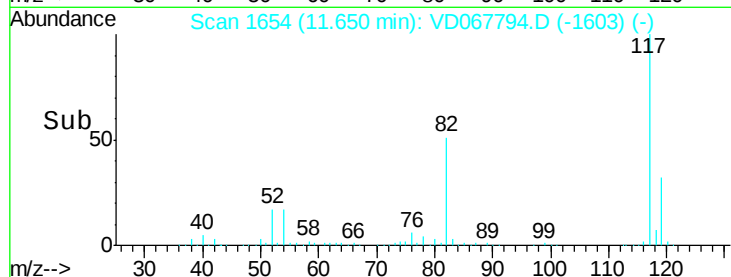
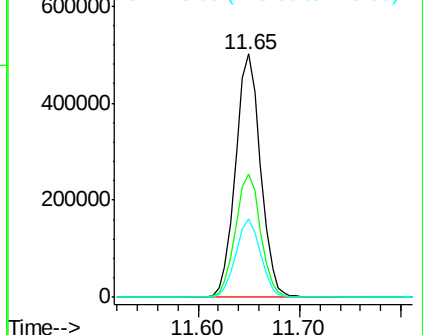
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067794.D
Acq: 25 Nov 2020 18:27

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion:117 Resp: 858380
Ion Ratio Lower Upper
117 100
82 50.8 40.2 60.4
119 32.4 26.5 39.7

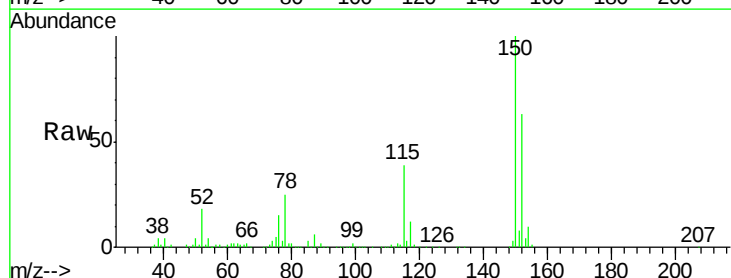


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067794.D
Acq: 25 Nov 2020 18:27

Tgt Ion:152 Resp: 449776
Ion Ratio Lower Upper
152 100
115 59.7 29.4 88.3
150 156.5 0.0 340.6



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

