

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067796.D
 Acq On : 25 Nov 2020 19:21
 Operator : VA/SY
 Sample : L4857-02
 Misc : 6.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 340EM-STOCKPILE-EAST

Quant Time: Nov 26 02:55:17 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	9676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	16157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	12500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	4500	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	9059	96.29	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	192.58%#
35) Dibromofluoromethane	7.93	113	5666	55.10	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.20%
50) Toluene-d8	10.34	98	15134	40.26	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	80.52%
62) 4-Bromofluorobenzene	12.64	95	3993	31.08	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.16%

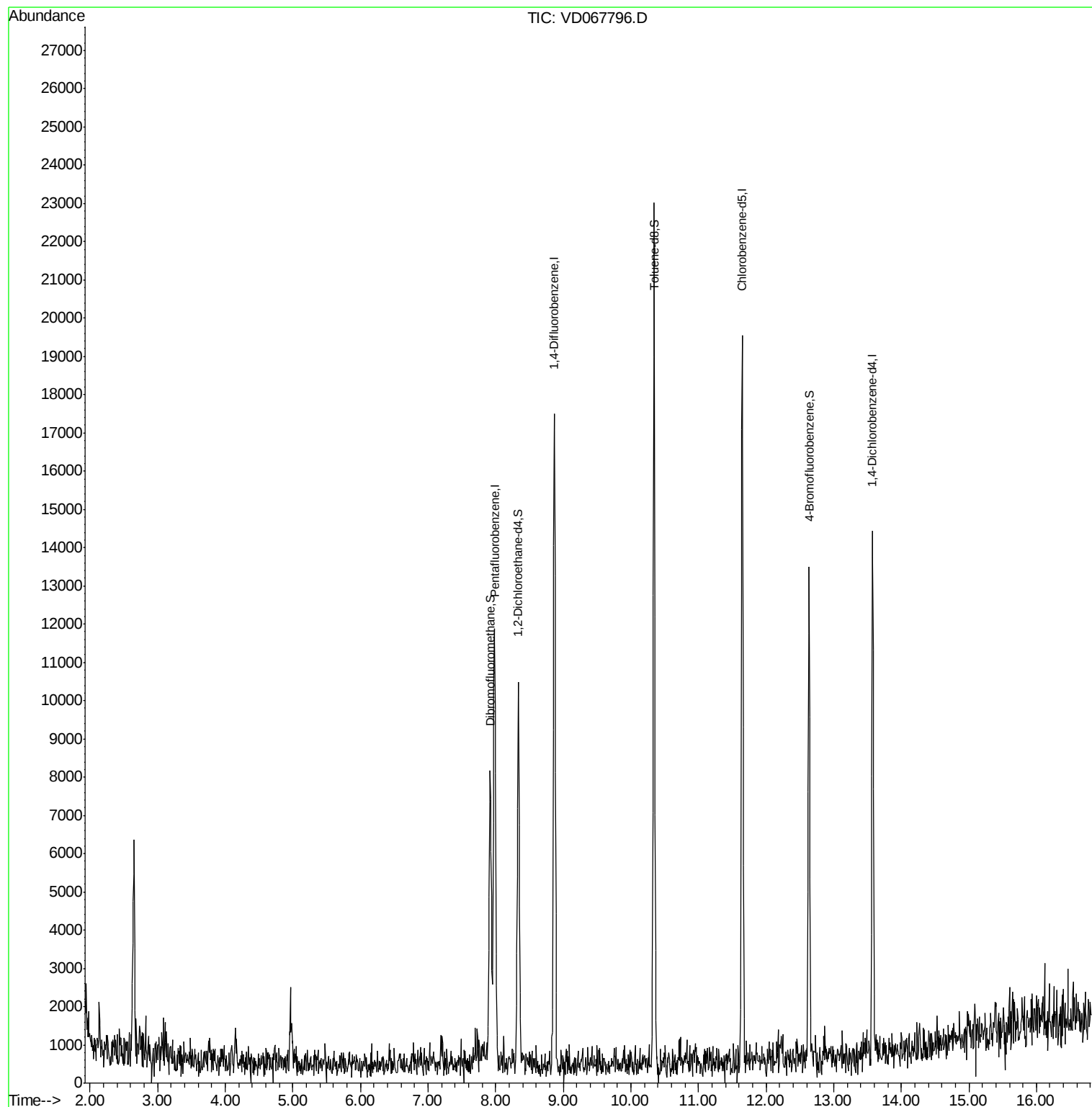
Target Compounds	Qvalue
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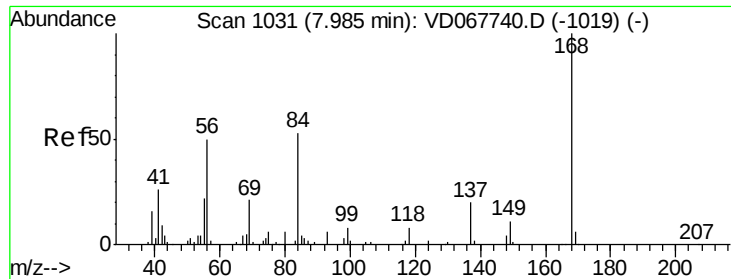
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD067796.D

Acq: 25 Nov 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

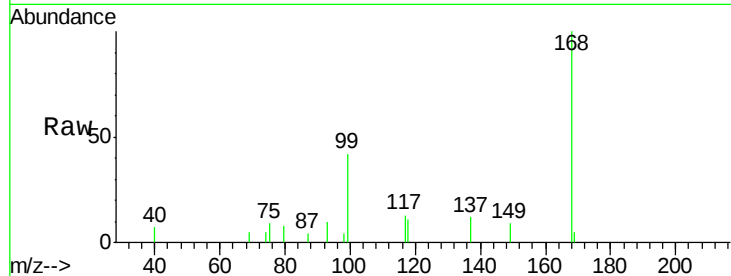
340EM-STOCKPILE-EAST

Tot Ion:168 Resp: 9676

Ion Ratio Lower Upper

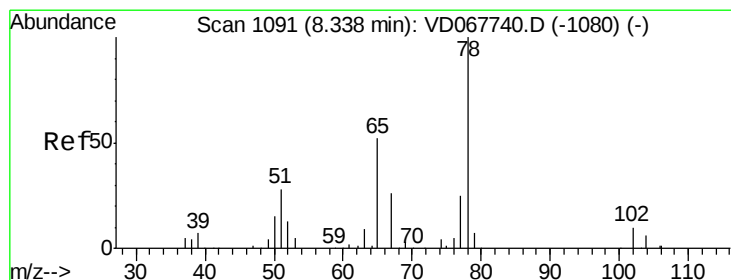
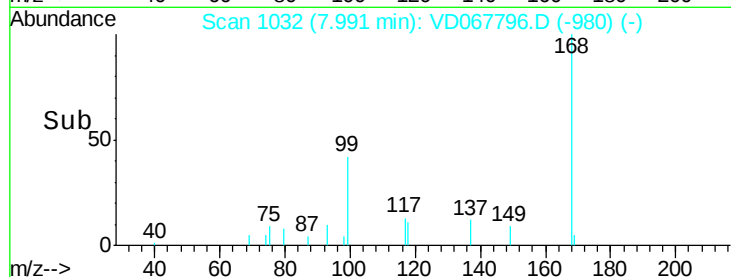
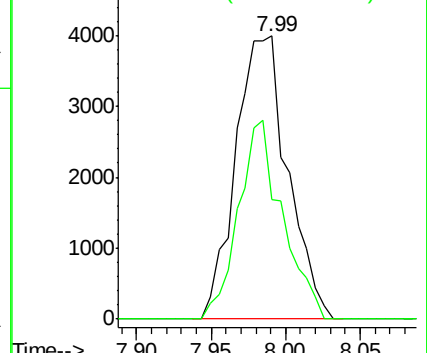
168 100

99 42.0 43.8 65.8#



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: 96.289 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067796.D

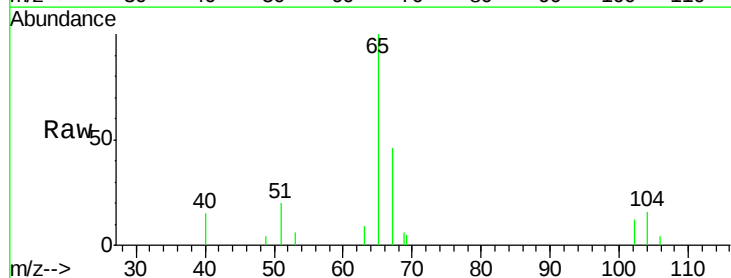
Acq: 25 Nov 2020 19:21

Tgt Ion: 65 Resp: 9059

Ion Ratio Lower Upper

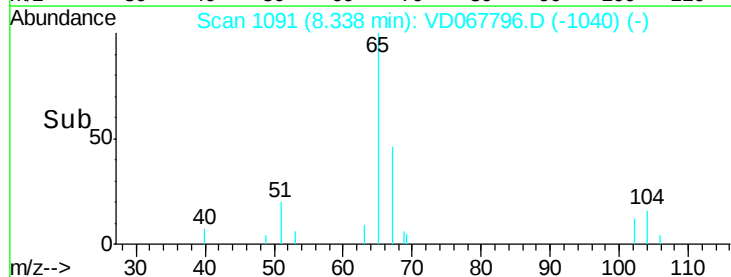
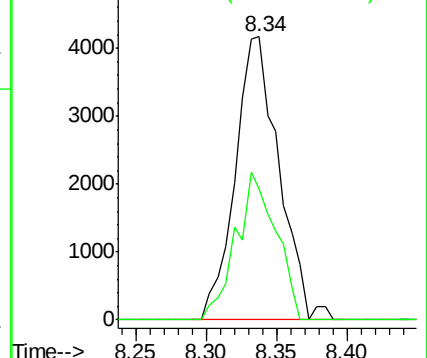
65 100

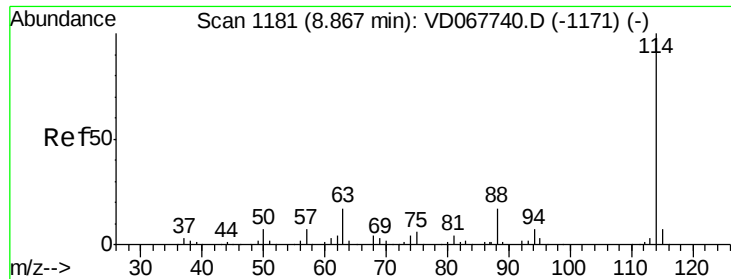
67 47.4 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

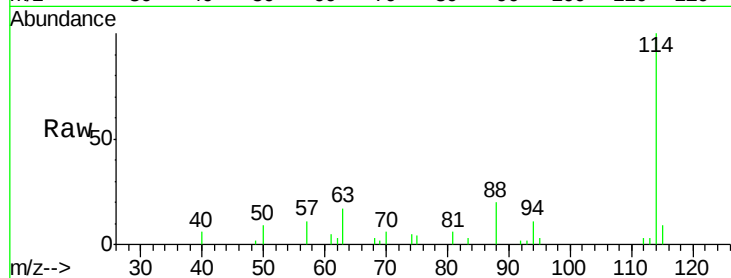




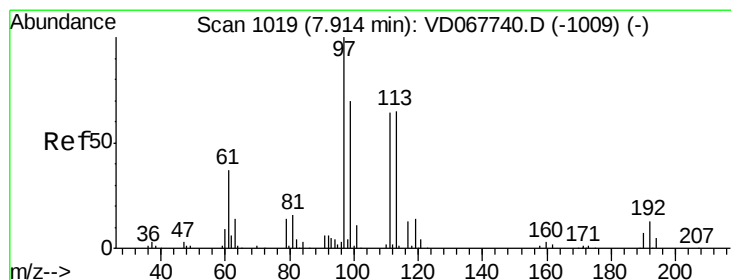
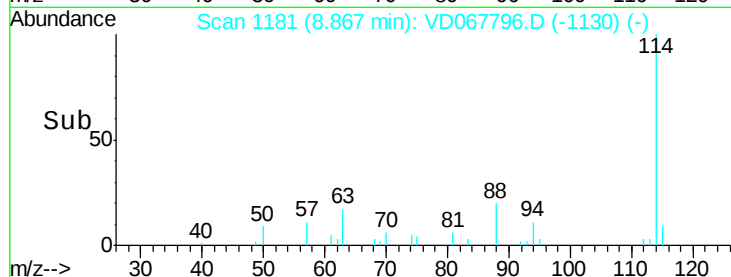
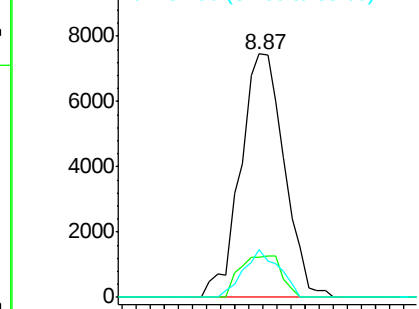
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD067796.D
Acq: 25 Nov 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
340EM-STOCKPILE-EAST

Tot Ion:114 Resp: 16157
Ion Ratio Lower Upper
114 100
63 16.6 0.0 34.8
88 19.8 0.0 34.4

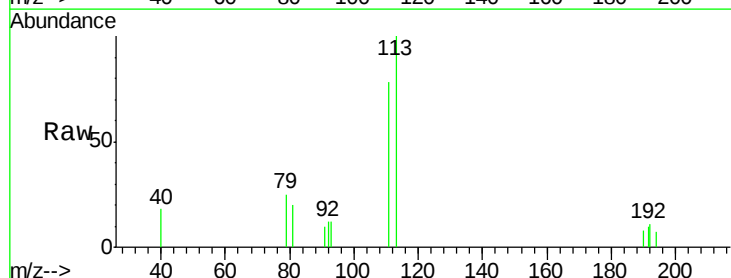


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

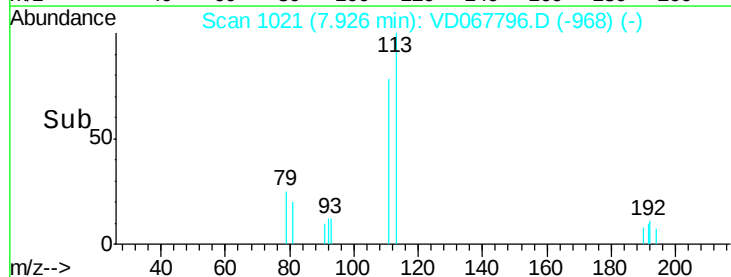
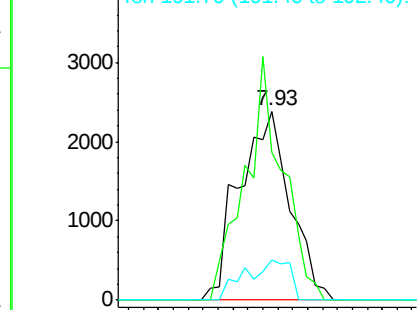


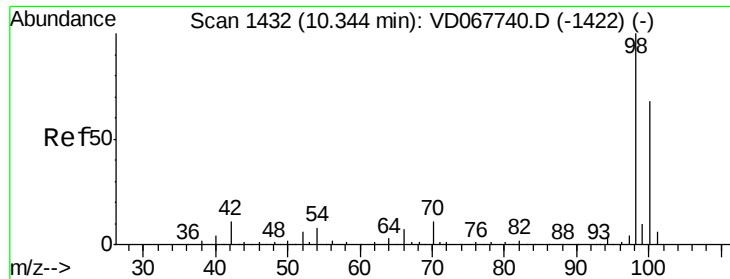
#35
Dibromofluoromethane
Concen: 55.105 ug/l
RT: 7.93 min Scan# 1021
Delta R.T. 0.01 min
Lab File: VD067796.D
Acq: 25 Nov 2020 19:21

Tgt Ion:113 Resp: 5666
Ion Ratio Lower Upper
113 100
111 94.5 81.4 122.0
192 18.4 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: 40.258 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067796.D

Acq: 25 Nov 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

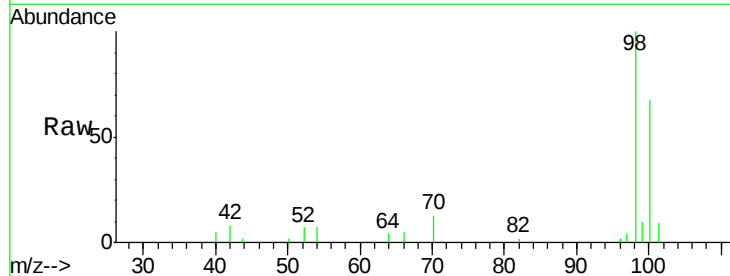
340EM-STOCKPILE-EAST

Tot Ion: 98 Resp: 15134

Ion Ratio Lower Upper

98 100

100 68.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

10000

8000

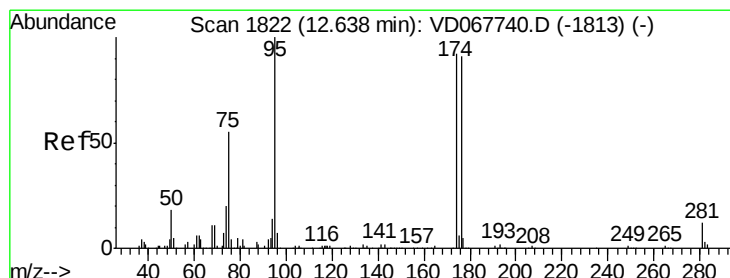
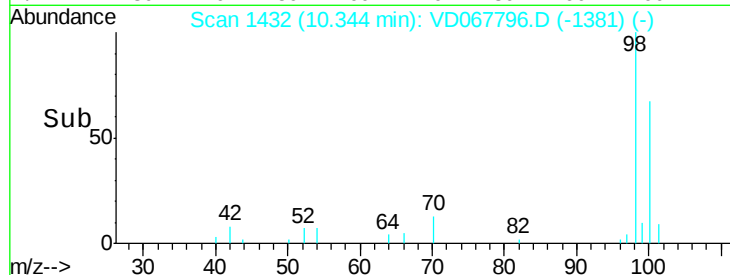
6000

4000

2000

0

Time--> 10.25 10.30 10.35 10.40



#62

4-Bromofluorobenzene

Concen: 31.075 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067796.D

Acq: 25 Nov 2020 19:21

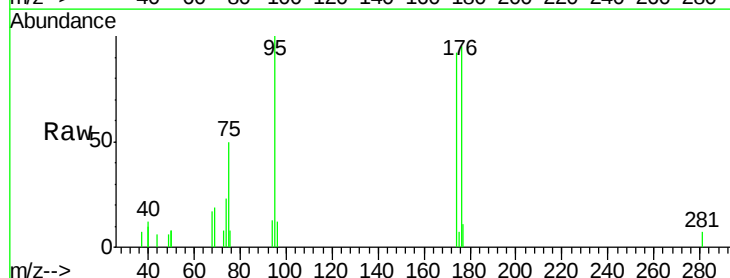
Tgt Ion: 95 Resp: 3993

Ion Ratio Lower Upper

95 100

174 96.9 0.0 182.4

176 103.0 0.0 178.2



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.64

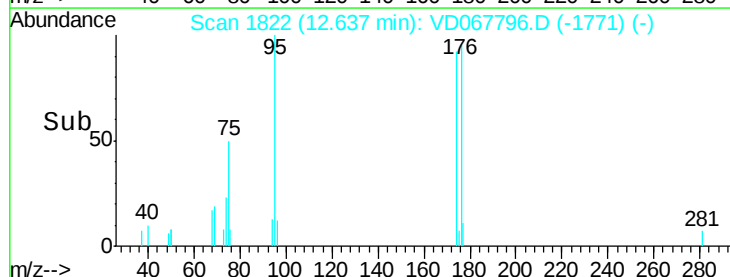
3000

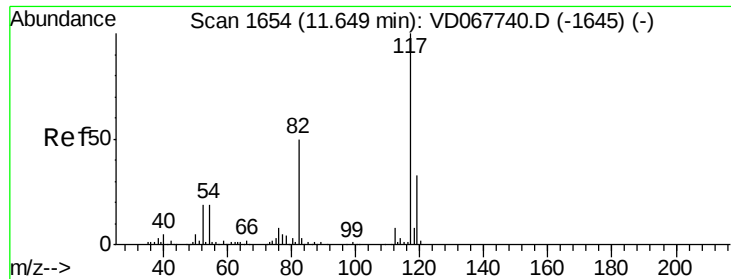
2000

1000

0

Time--> 12.60 12.65

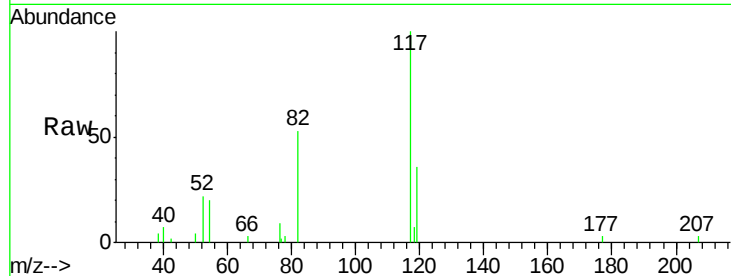




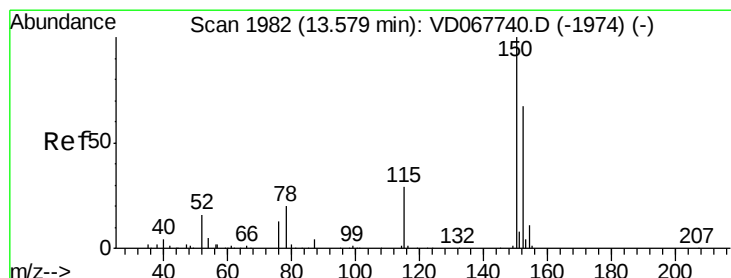
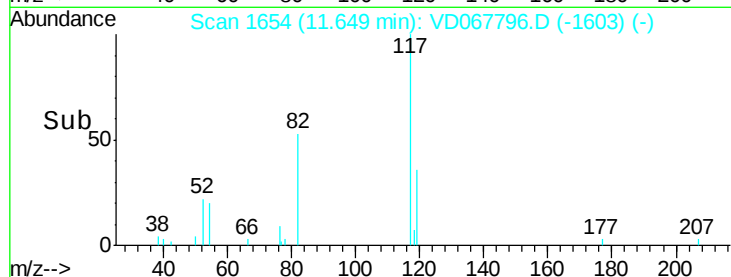
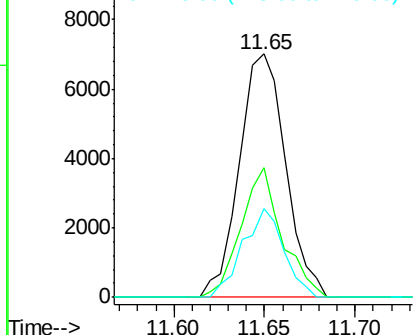
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067796.D
Acq: 25 Nov 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
340EM-STOCKPILE-EAST

Tot Ion:117 Resp: 12500
Ion Ratio Lower Upper
117 100
82 53.3 40.2 60.4
119 36.3 26.5 39.7

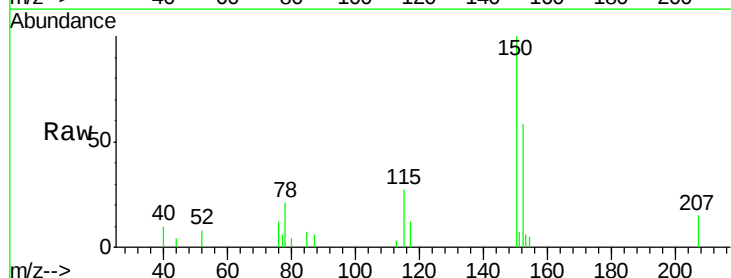


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1981
Delta R.T. -0.01 min
Lab File: VD067796.D
Acq: 25 Nov 2020 19:21

Tgt Ion:152 Resp: 4500
Ion Ratio Lower Upper
152 100
115 54.9 29.4 88.3
150 159.1 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

