

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112420\
 Data File : VD067775.D
 Acq On : 24 Nov 2020 18:32
 Operator : VA/SY
 Sample : L4597-01
 Misc : 6.98G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-03-112320

Quant Time: Nov 25 03:13:01 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	7.98	168	236669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	365233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	427244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	231857	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	115546	50.21	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.42%
35) Dibromofluoromethane	7.92	113	116206	50.00	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.00%
50) Toluene-d8	10.34	98	446874	52.59	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.18%
62) 4-Bromofluorobenzene	12.64	95	201246	69.28	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	138.56%

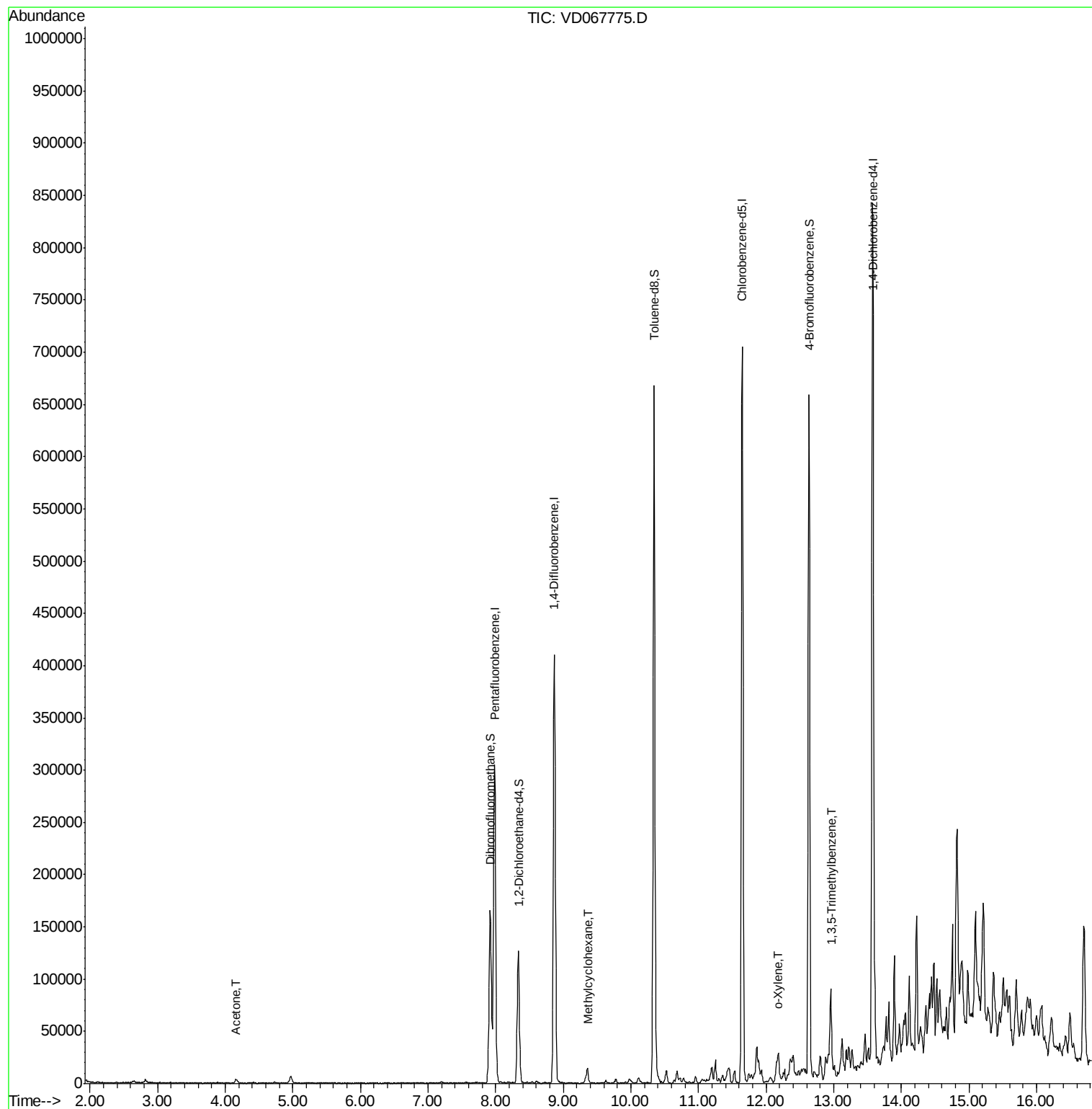
Target Compounds					Qvalue
16) Acetone	4.16	43	6738	22.665	ug/l 98
39) Methylcyclohexane	9.36	83	6671	1.799	ug/l 92
69) o-Xylene	12.18	106	6623	1.289	ug/l 87
80) 1,3,5-Trimethylbenzene	12.96	105	21084	1.589	ug/l 93

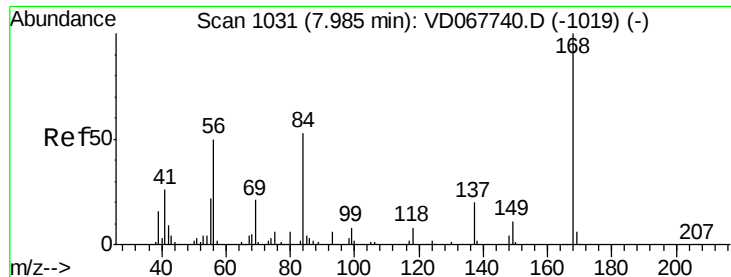
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067775.D

Acq: 24 Nov 2020 18:32

Instrument :

MSVOA_D

ClientSampleId :

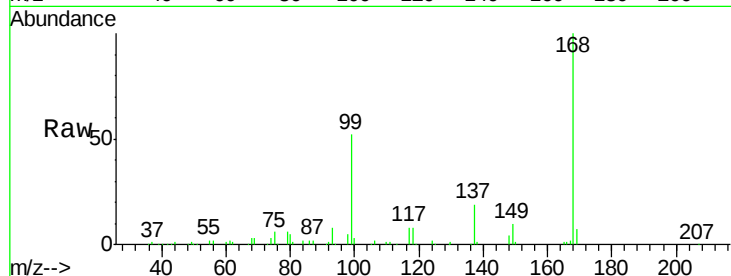
BU-03-112320

Tot Ion:168 Resp: 236669

Ion Ratio Lower Upper

168 100

99 51.8 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

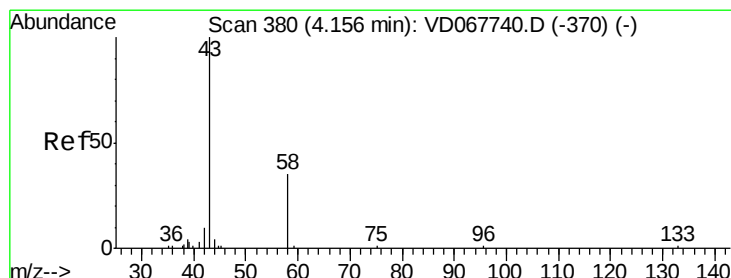
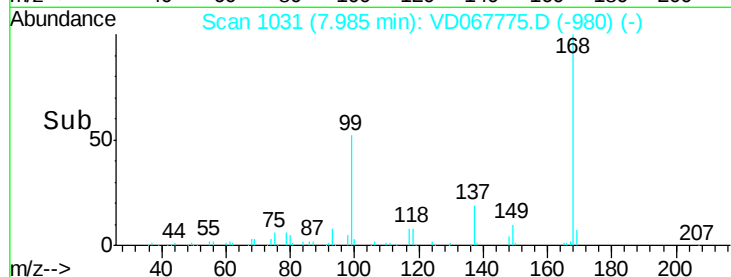
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 22.665 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD067775.D

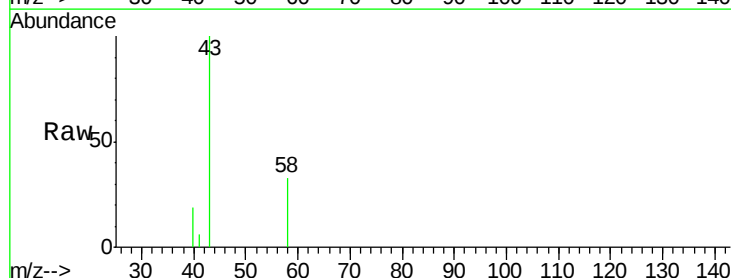
Acq: 24 Nov 2020 18:32

Tgt Ion: 43 Resp: 6738

Ion Ratio Lower Upper

43 100

58 33.3 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

3000

2500

2000

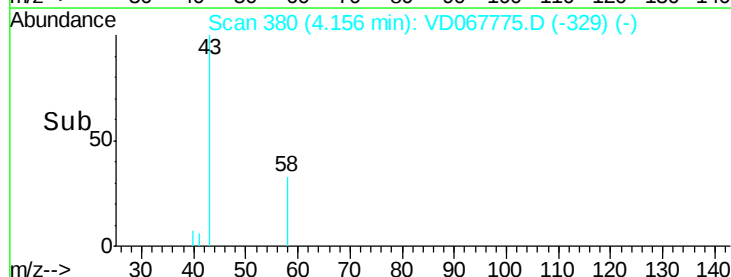
1500

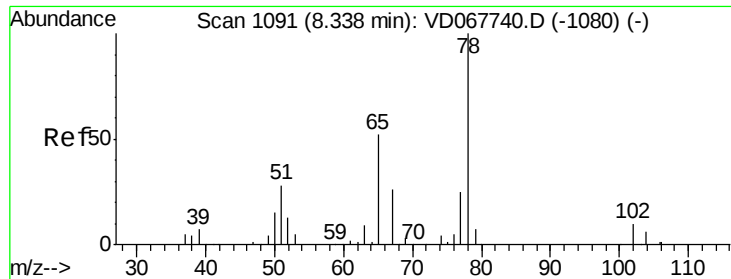
1000

500

0

Time-->

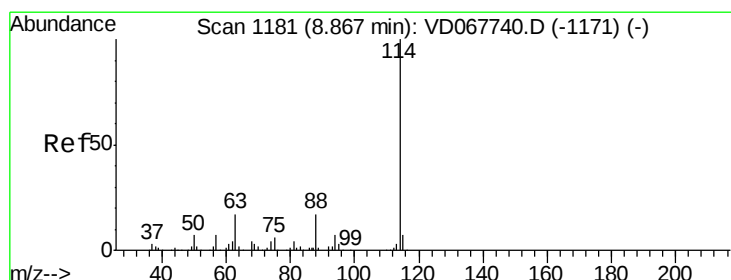
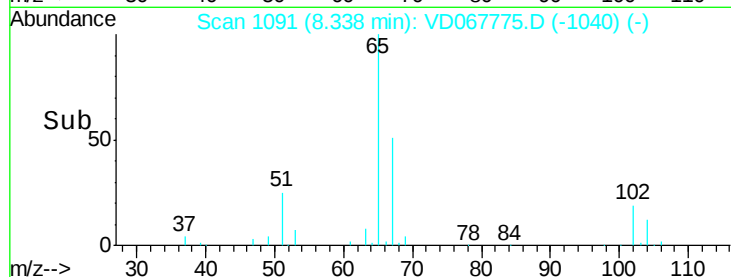
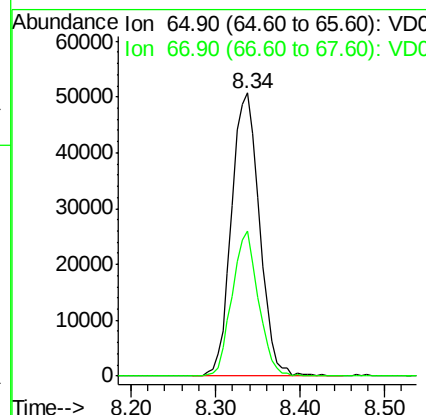
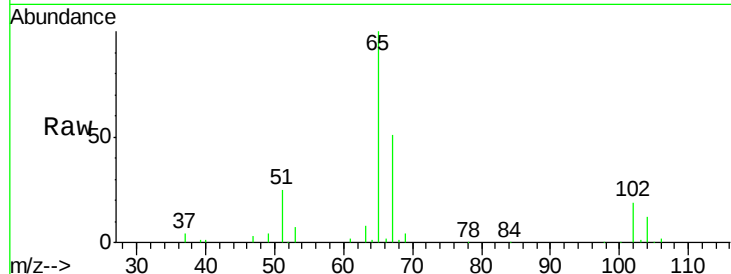




#33
 1,2-Dichloroethane-d4
 Concen: 50.212 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067775.D
 Acq: 24 Nov 2020 18:32

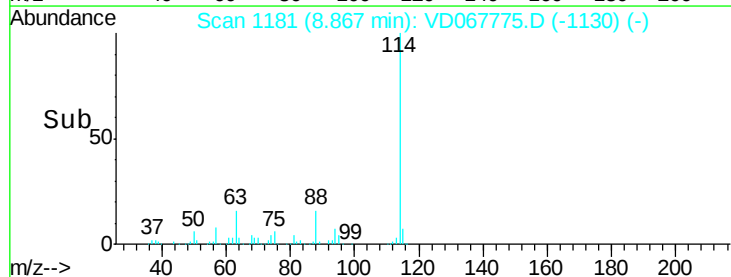
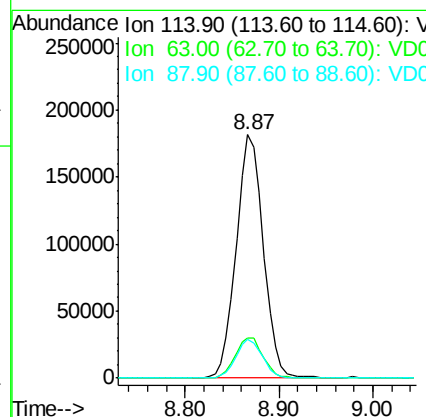
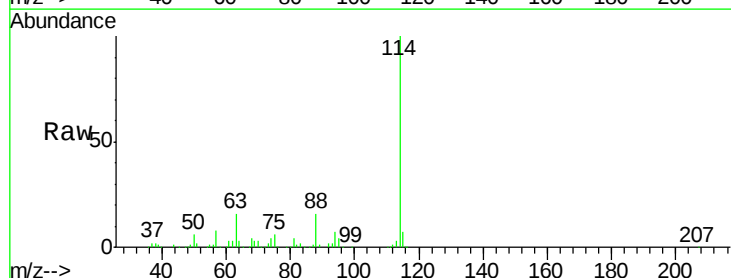
Instrument :
 MSVOA_D
 ClientSampleId :
 BU-03-112320

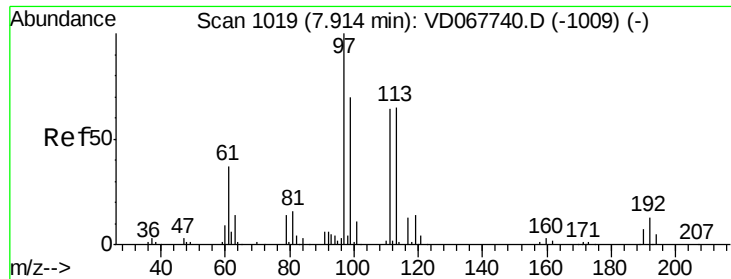
Tot Ion: 65 Resp: 115546
 Ion Ratio Lower Upper
 65 100
 67 48.2 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD067775.D
 Acq: 24 Nov 2020 18:32

Tgt Ion: 114 Resp: 365233
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 34.8
 88 15.8 0.0 34.4

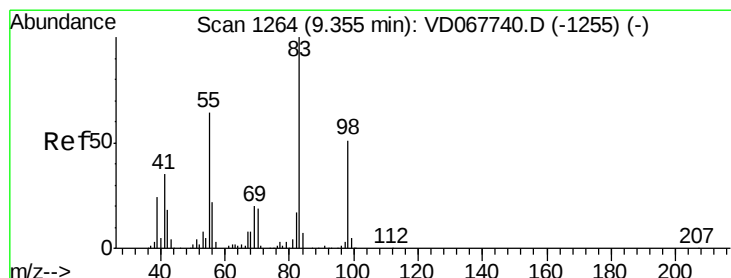
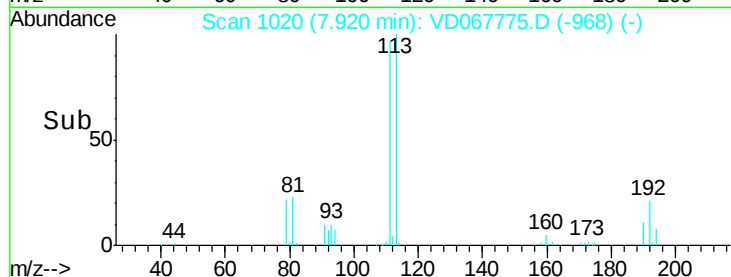
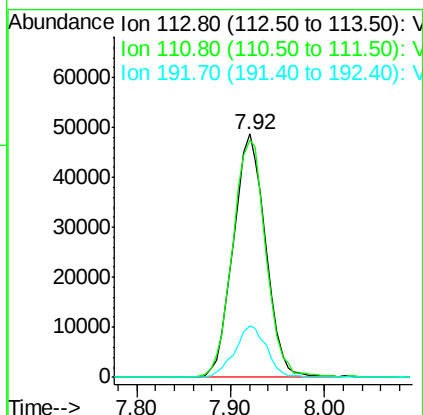
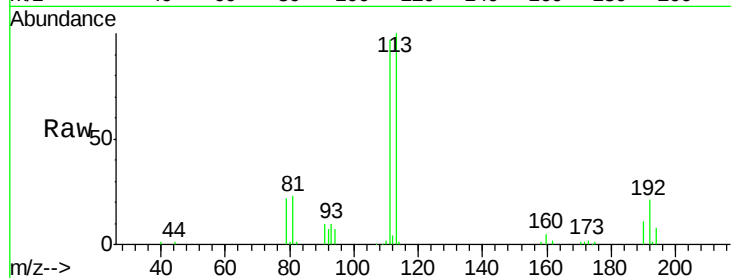




#35
Dibromofluoromethane
Concen: 49.995 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067775.D
Acq: 24 Nov 2020 18:32

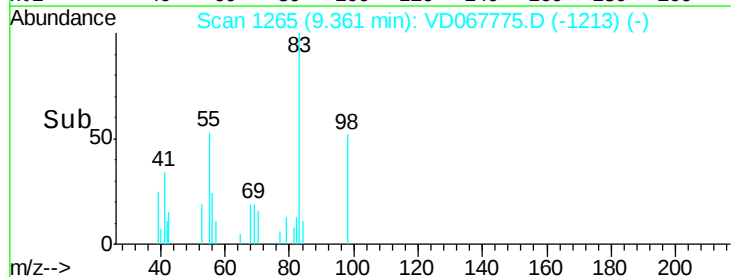
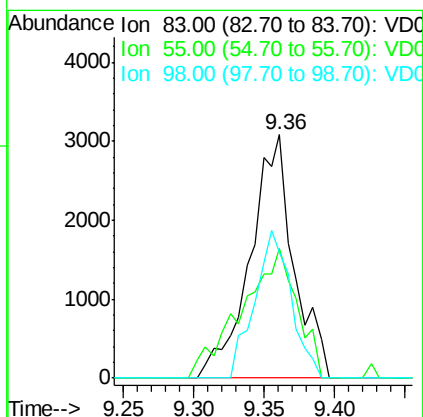
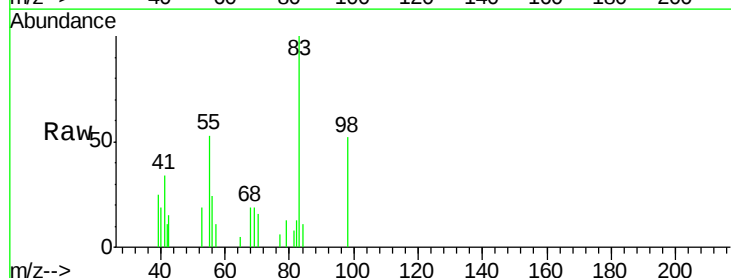
Instrument :
MSVOA_D
ClientSampleId :
BU-03-112320

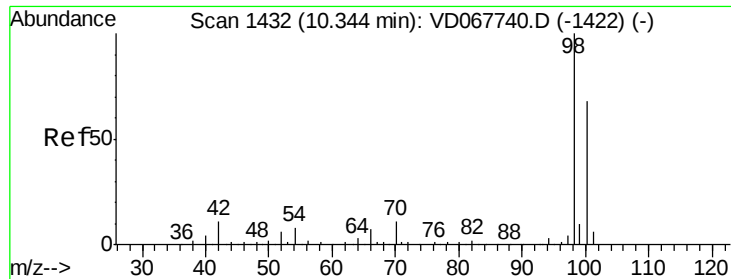
Tot Ion:113 Resp: 116206
Ion Ratio Lower Upper
113 100
111 100.6 81.4 122.0
192 20.8 17.0 25.4



#39
Methylcyclohexane
Concen: 1.799 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067775.D
Acq: 24 Nov 2020 18:32

Tgt Ion: 83 Resp: 6671
Ion Ratio Lower Upper
83 100
55 53.4 51.0 76.4
98 52.0 40.4 60.6





#50

Toluene-d8

Concen: 52.586 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067775.D

Acq: 24 Nov 2020 18:32

Instrument :

MSVOA_D

ClientSampleId :

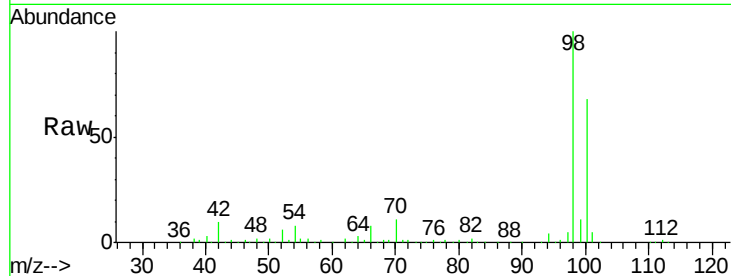
BU-03-112320

Tot Ion: 98 Resp: 446874

Ion Ratio Lower Upper

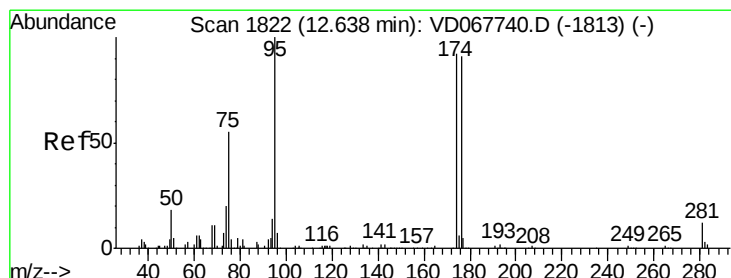
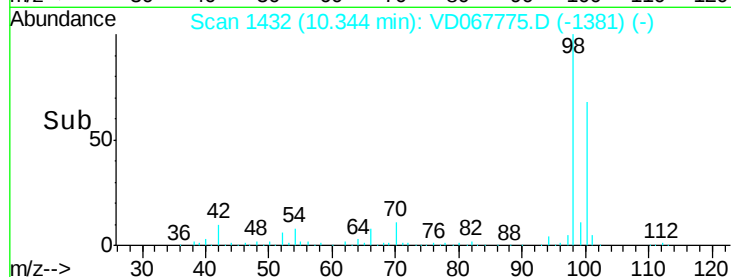
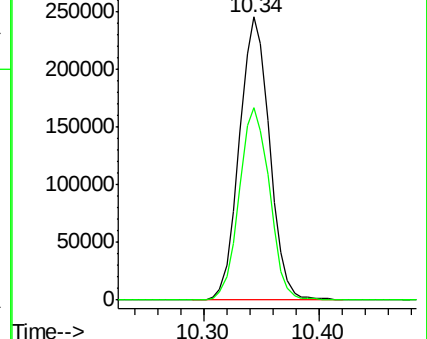
98 100

100 68.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 69.284 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067775.D

Acq: 24 Nov 2020 18:32

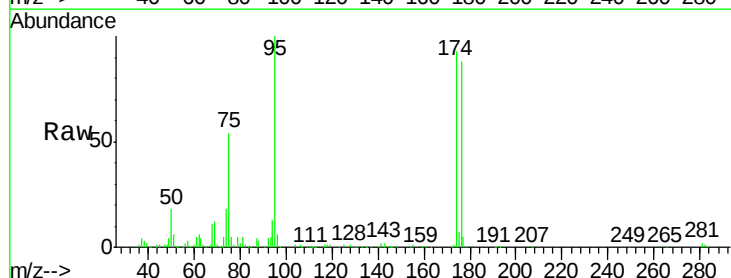
Tgt Ion: 95 Resp: 201246

Ion Ratio Lower Upper

95 100

174 91.3 0.0 182.4

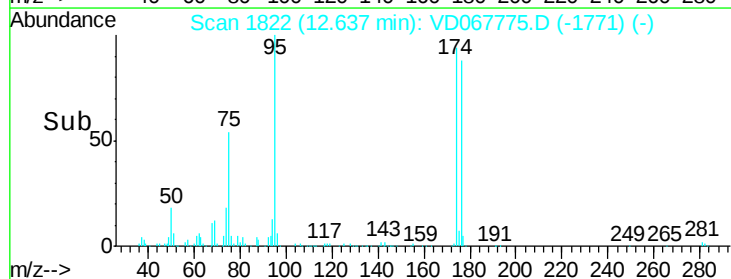
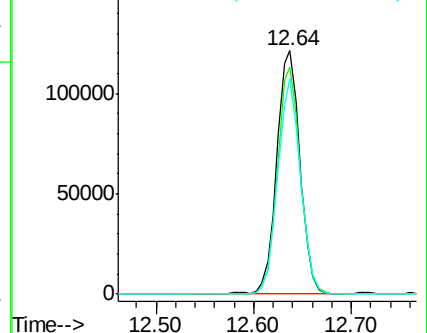
176 86.3 0.0 178.2

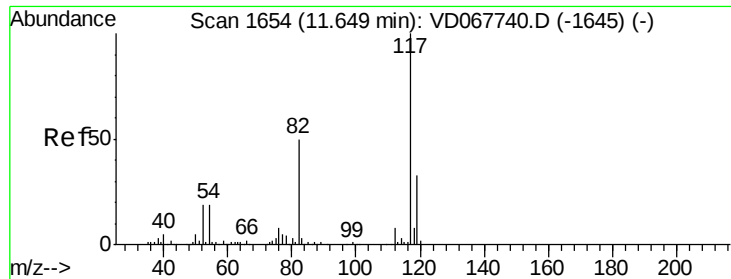


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

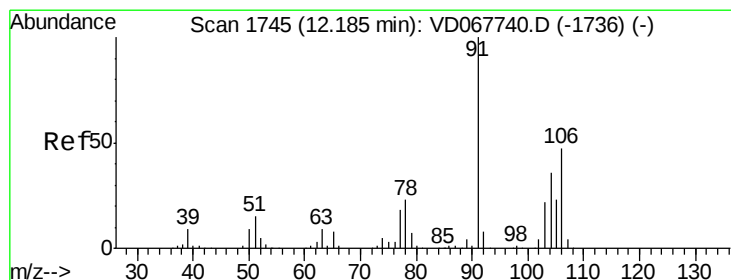
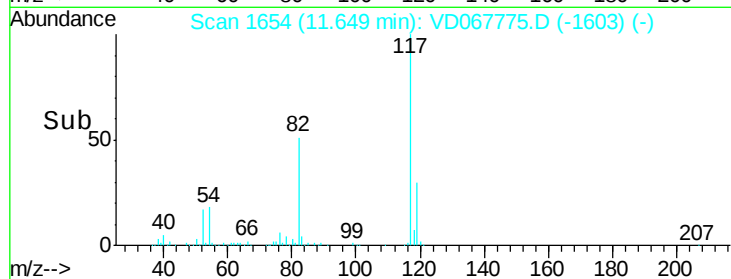
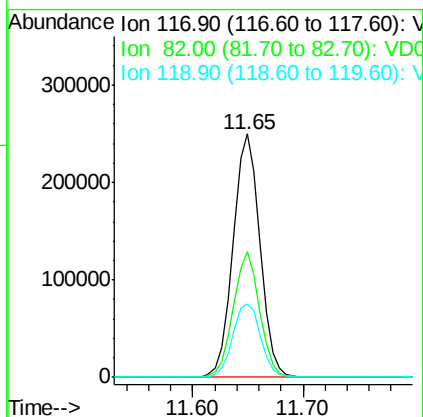
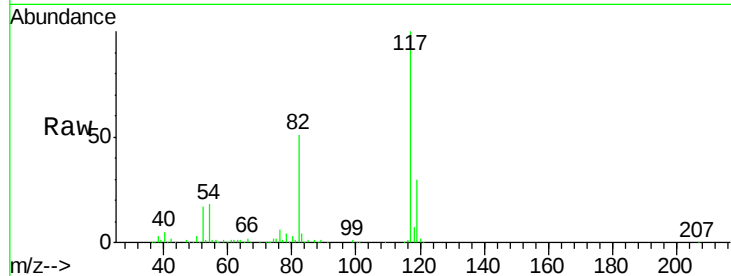




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067775.D
Acq: 24 Nov 2020 18:32

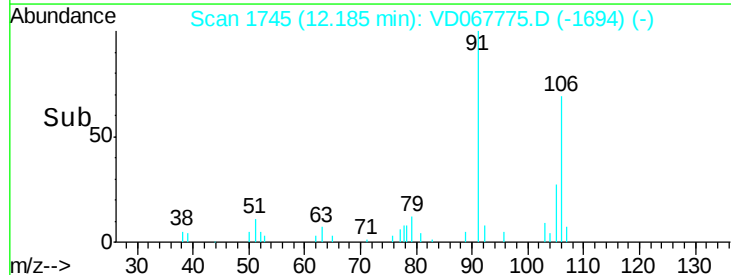
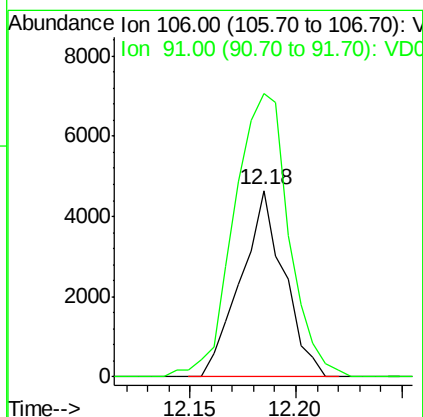
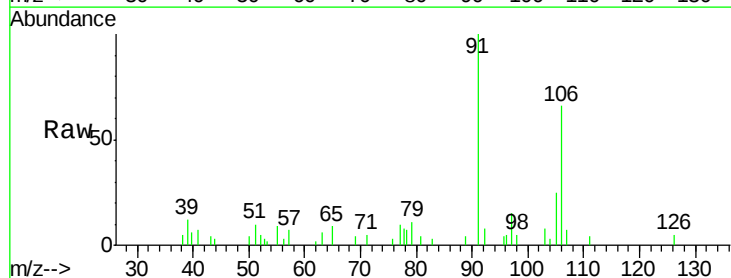
Instrument :
MSVOA_D
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BU-03-112320

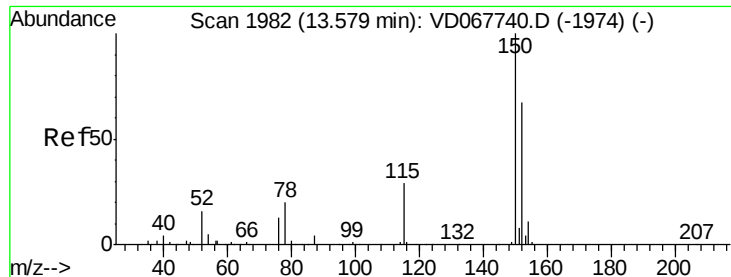
Tot Ion:117 Resp: 427244
Ion Ratio Lower Upper
117 100
82 51.5 40.2 60.4
119 30.3 26.5 39.7



#69
o-Xylene
Concen: 1.289 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067775.D
Acq: 24 Nov 2020 18:32

Tgt Ion:106 Resp: 6623
Ion Ratio Lower Upper
106 100
91 192.5 106.2 318.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD067775.D

Acq: 24 Nov 2020 18:32

Instrument :

MSVOA_D

ClientSampleId :

BU-03-112320

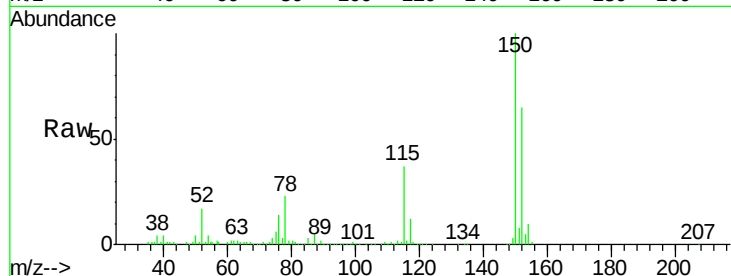
Tot Ion:152 Resp: 231857

Ion Ratio Lower Upper

152 100

115 60.3 29.4 88.3

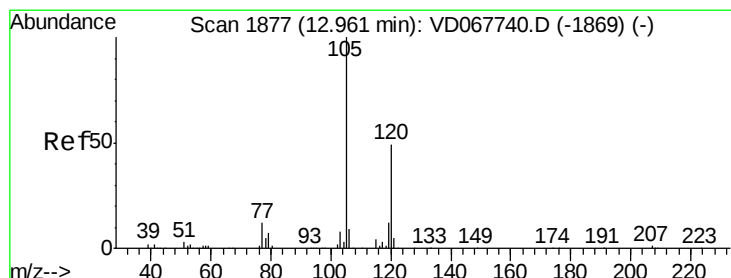
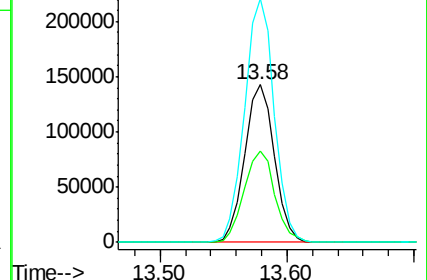
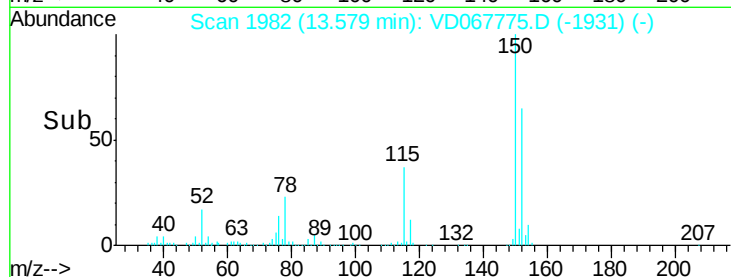
150 153.8 0.0 340.6



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



#80

1,3,5-Trimethylbenzene

Concen: 1.589 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD067775.D

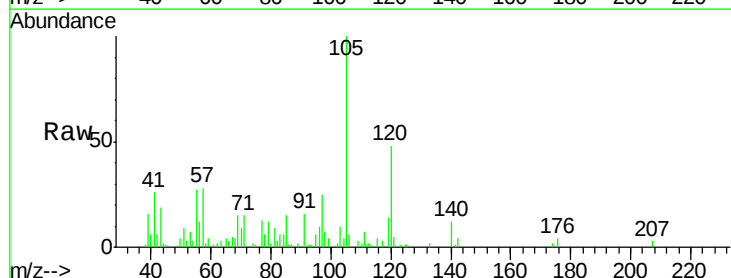
Acq: 24 Nov 2020 18:32

Tgt Ion:105 Resp: 21084

Ion Ratio Lower Upper

105 100

120 52.5 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

