

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112420\
 Data File : VD067774.D
 Acq On : 24 Nov 2020 18:04
 Operator : VA/SY
 Sample : L4875-01
 Misc : 6.82G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-08-112320

Quant Time: Nov 25 03:08:52 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	233117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	368751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	411761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	211286	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	116770	51.52	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.04%
35) Dibromofluoromethane	7.92	113	112735	48.04	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.08%
50) Toluene-d8	10.34	98	448346	52.26	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.52%
62) 4-Bromofluorobenzene	12.64	95	185288	63.18	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	126.36%

Target Compounds

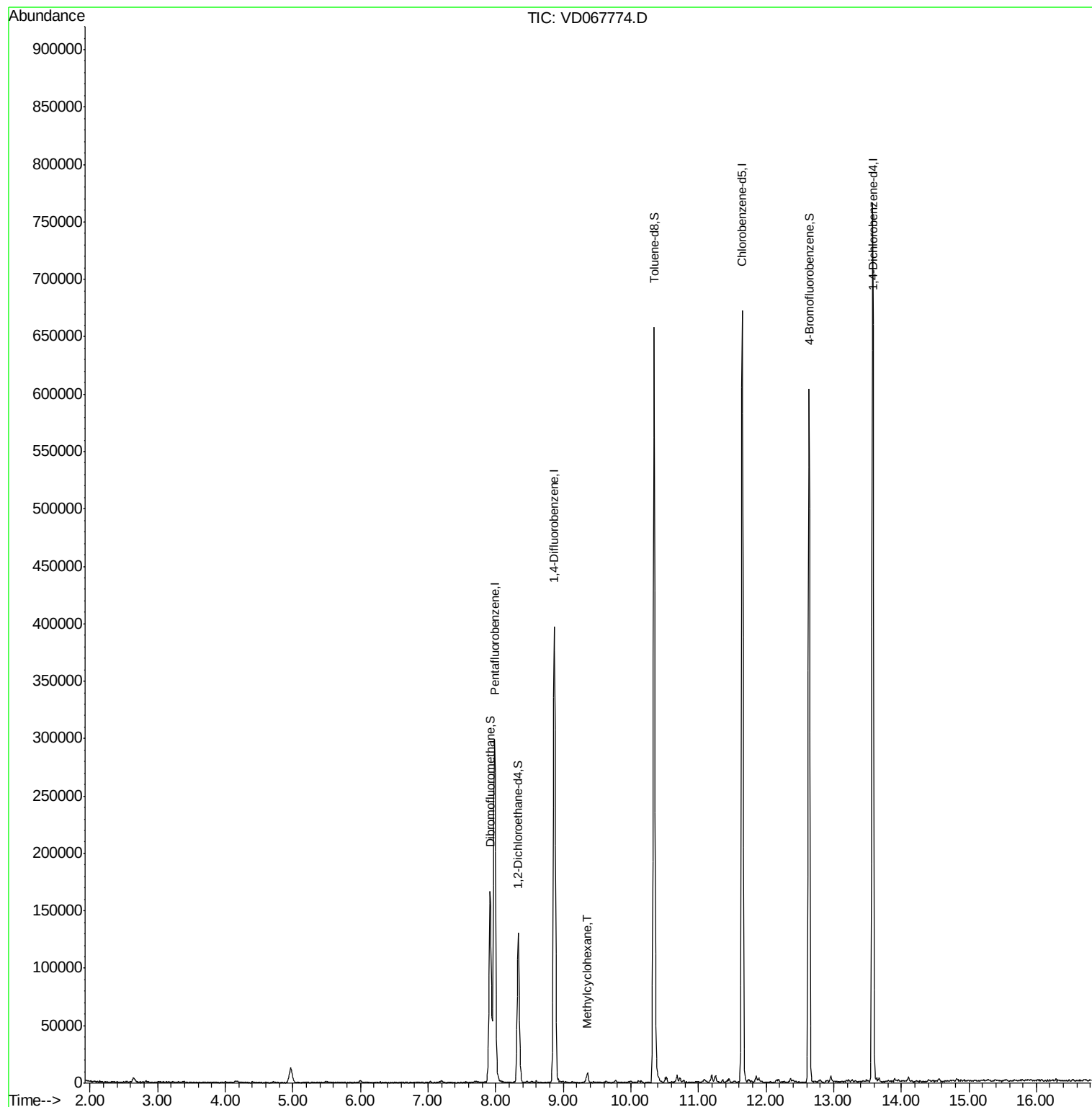
					Qvalue
39) Methylcyclohexane	9.36	83	4080	1.090 ug/l #	84

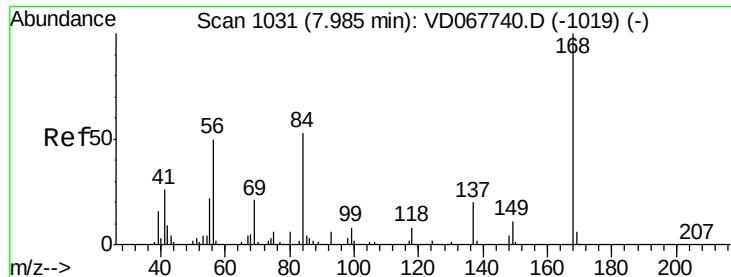
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112420\
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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: VD067774.D

Acq: 24 Nov 2020 18:04

Instrument :

MSVOA_D

ClientSampleId :

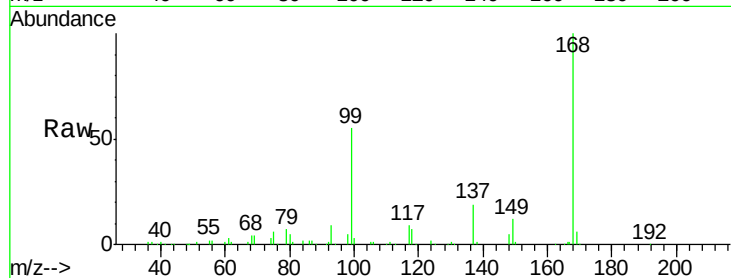
TR-08-112320

Tot Ion:168 Resp: 233117

Ion Ratio Lower Upper

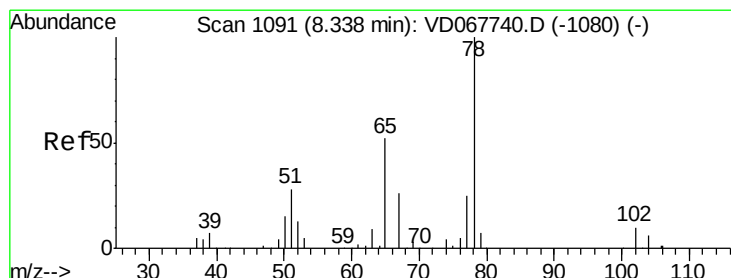
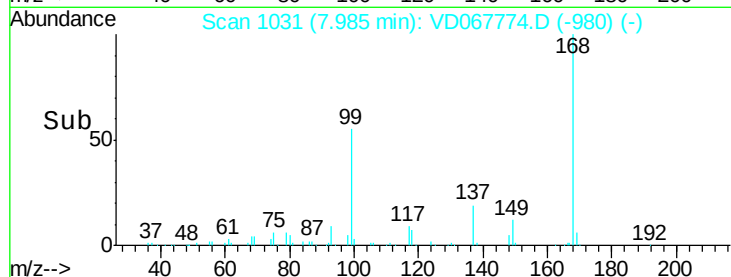
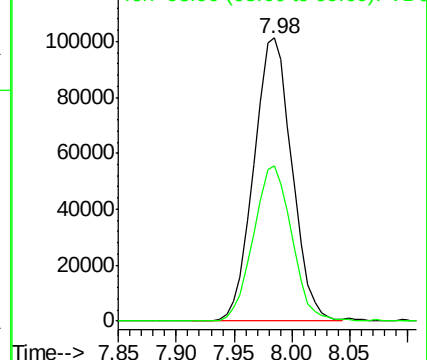
168 100

99 54.7 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: 51.517 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067774.D

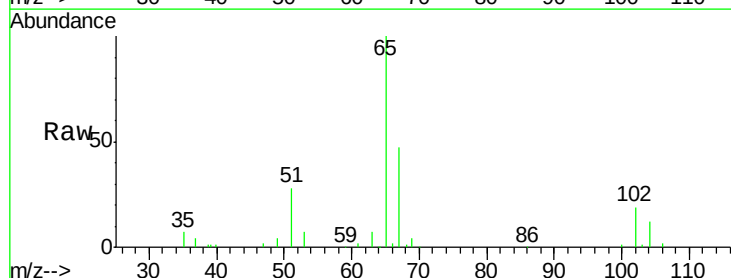
Acq: 24 Nov 2020 18:04

Tgt Ion: 65 Resp: 116770

Ion Ratio Lower Upper

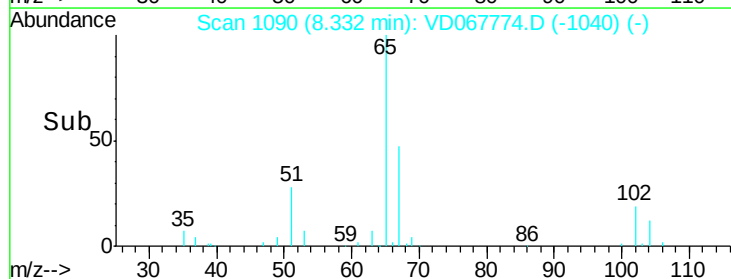
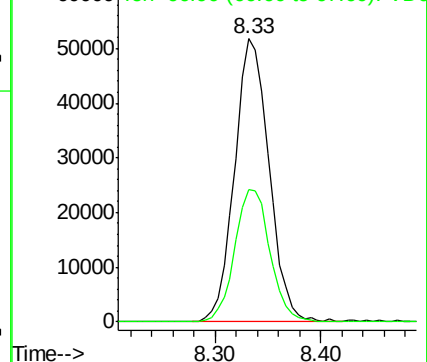
65 100

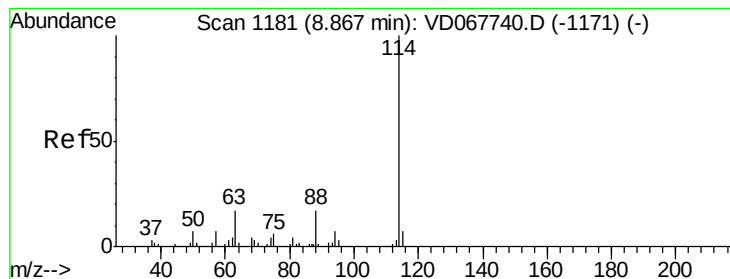
67 47.6 0.0 101.0



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: VD067774.D

Acq: 24 Nov 2020 18:04

Instrument :

MSVOA_D

ClientSampleId :

TR-08-112320

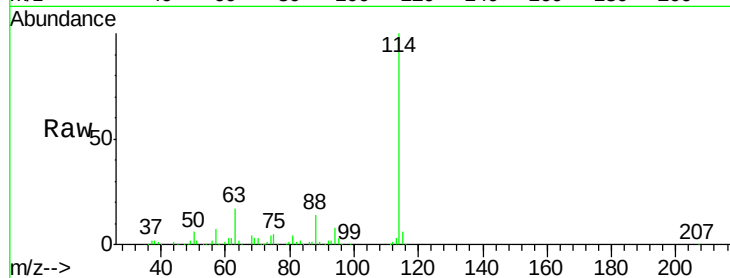
Tot Ion:114 Resp: 368751

Ion Ratio Lower Upper

114 100

63 16.8 0.0 34.8

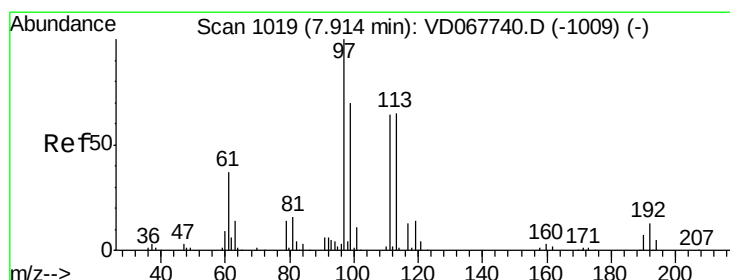
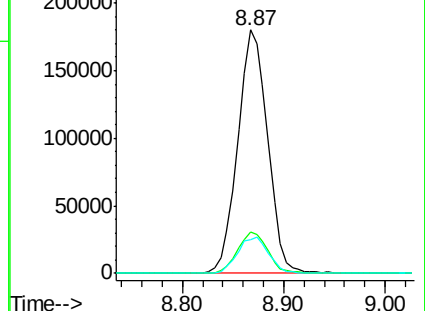
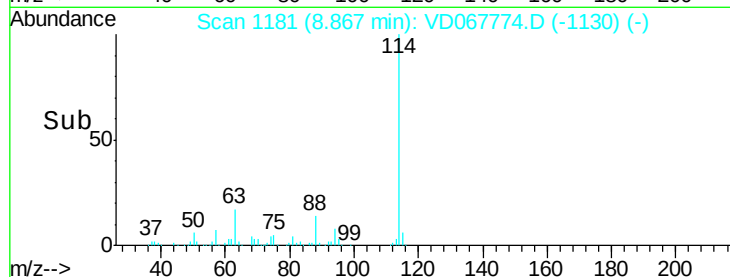
88 14.1 0.0 34.4



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: 48.039 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067774.D

Acq: 24 Nov 2020 18:04

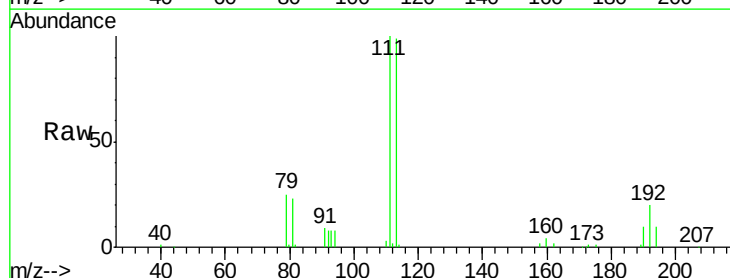
Tgt Ion:113 Resp: 112735

Ion Ratio Lower Upper

113 100

111 104.6 81.4 122.0

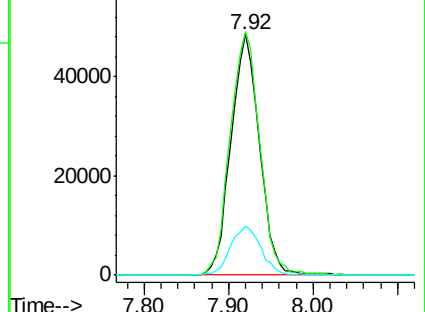
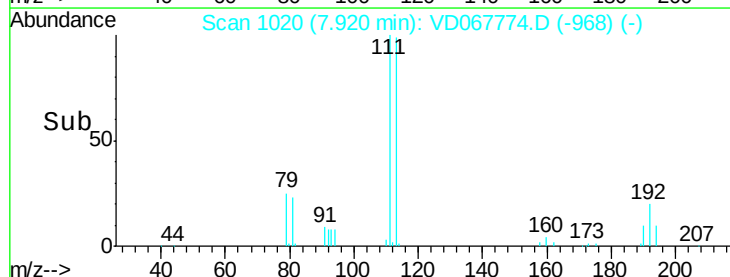
192 21.4 17.0 25.4

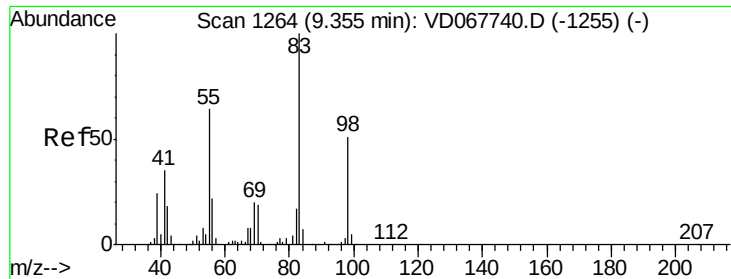


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

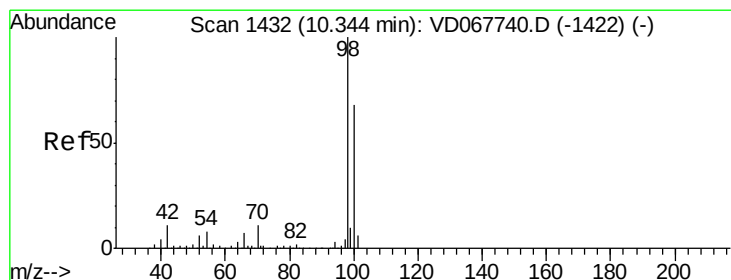
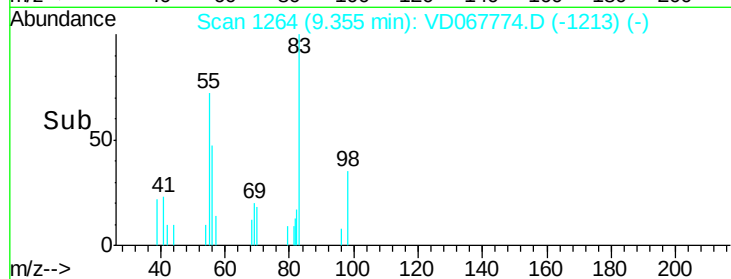
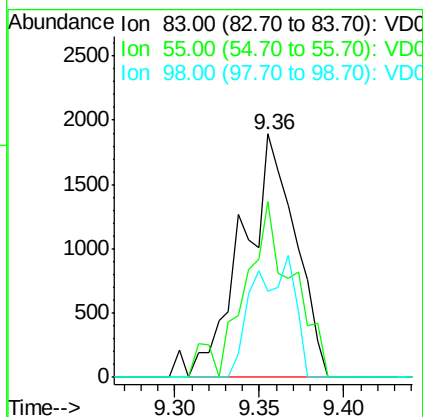
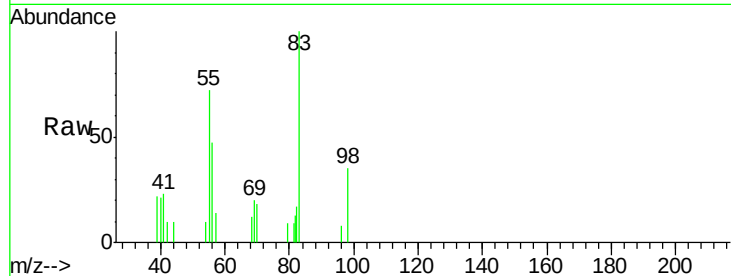




#39
Methylcyclohexane
Concen: 1.090 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD067774.D
Acq: 24 Nov 2020 18:04

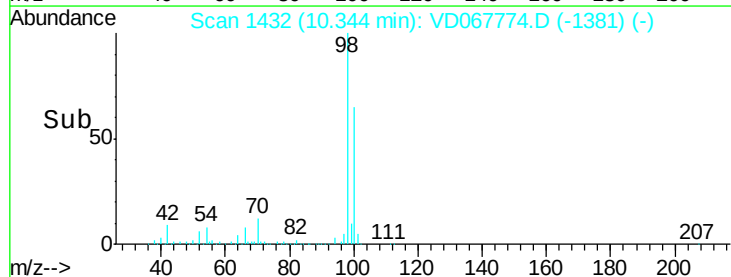
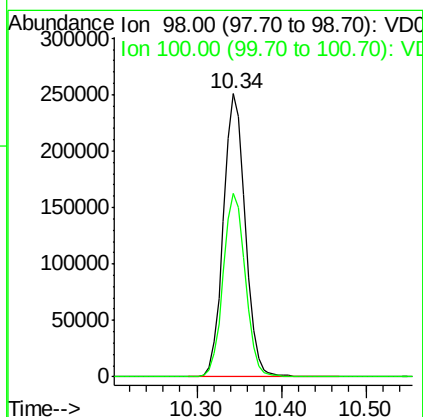
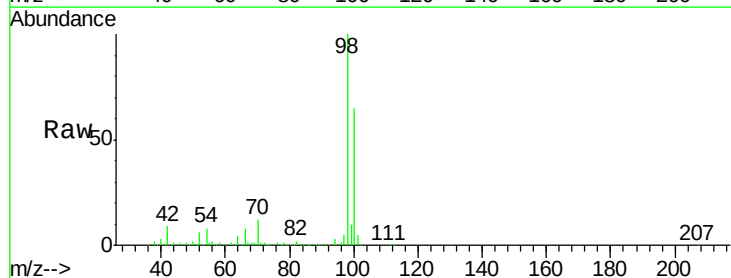
Instrument :
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TR-08-112320

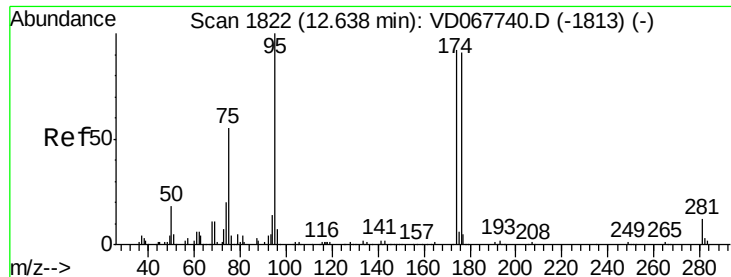
Tot Ion: 83 Resp: 4080
Ion Ratio Lower Upper
83 100
55 72.2 51.0 76.4
98 35.2 40.4 60.6#



#50
Toluene-d8
Concen: 52.256 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067774.D
Acq: 24 Nov 2020 18:04

Tgt Ion: 98 Resp: 448346
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7

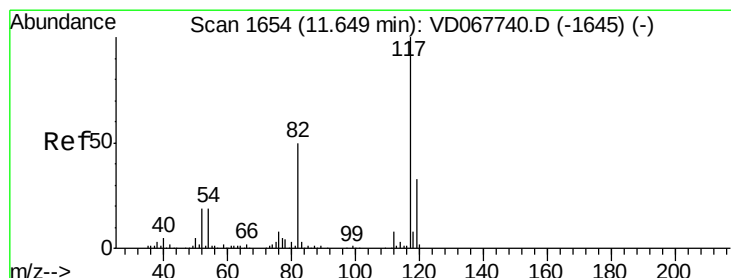
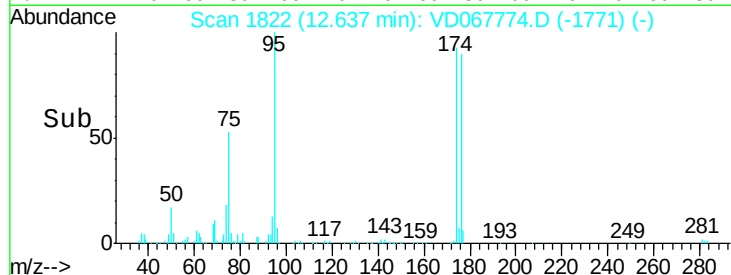
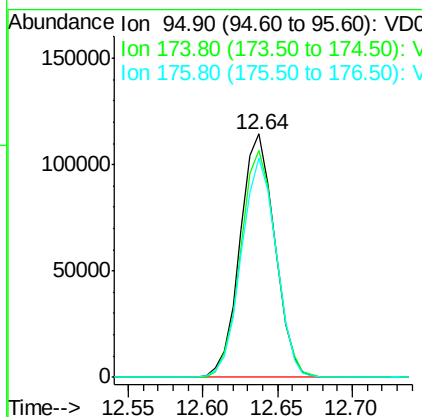
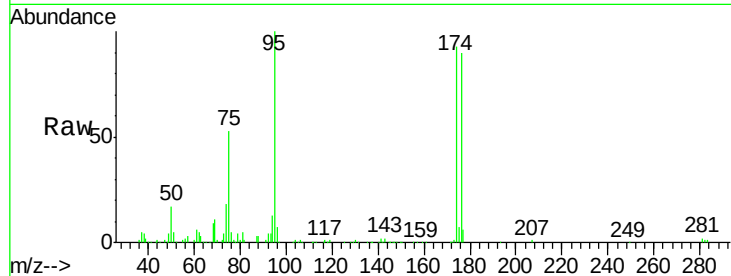




#62
4-Bromofluorobenzene
Concen: 63.182 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067774.D
Acq: 24 Nov 2020 18:04

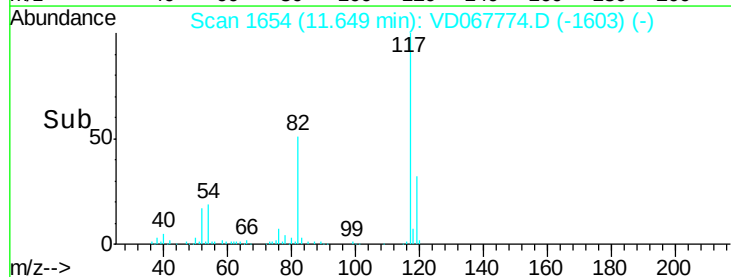
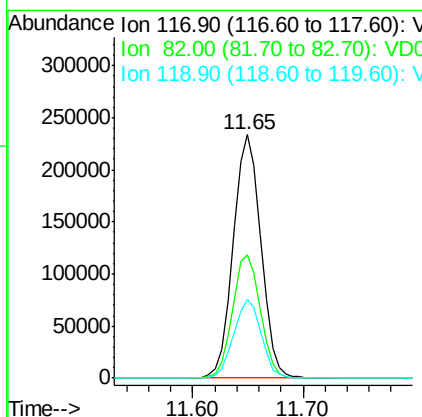
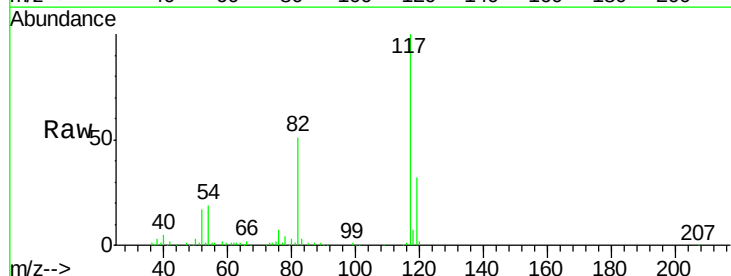
Instrument :
MSVOA_D
ClientSampleId :
TR-08-112320

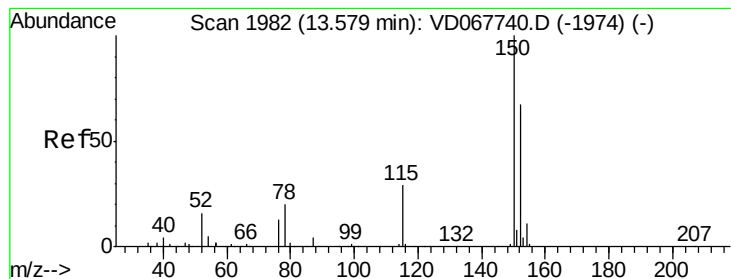
Tot Ion: 95 Resp: 185288
Ion Ratio Lower Upper
95 100
174 94.0 0.0 182.4
176 90.1 0.0 178.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067774.D
Acq: 24 Nov 2020 18:04

Tgt Ion: 117 Resp: 411761
Ion Ratio Lower Upper
117 100
82 50.5 40.2 60.4
119 32.3 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD067774.D

Acq: 24 Nov 2020 18:04

Instrument :

MSVOA_D

ClientSampleId :

TR-08-112320

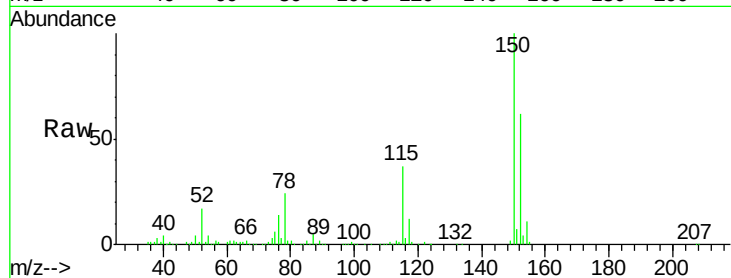
Tot Ion:152 Resp: 211286

Ion Ratio Lower Upper

152 100

115 58.6 29.4 88.3

150 157.4 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

