

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120420\
 Data File : VD067883.D
 Acq On : 04 Dec 2020 14:10
 Operator : VA/SY
 Sample : L4599-01
 Misc : 4.94G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-034-IDWSO-20201203

Quant Time: Dec 05 00:23:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	209338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	285746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	235466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	99552	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	88884	39.55	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.10%
35) Dibromofluoromethane	7.91	113	82905	43.36	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.72%
50) Toluene-d8	10.34	98	317947	46.19	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.38%
62) 4-Bromofluorobenzene	12.64	95	88813	37.32	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.64%

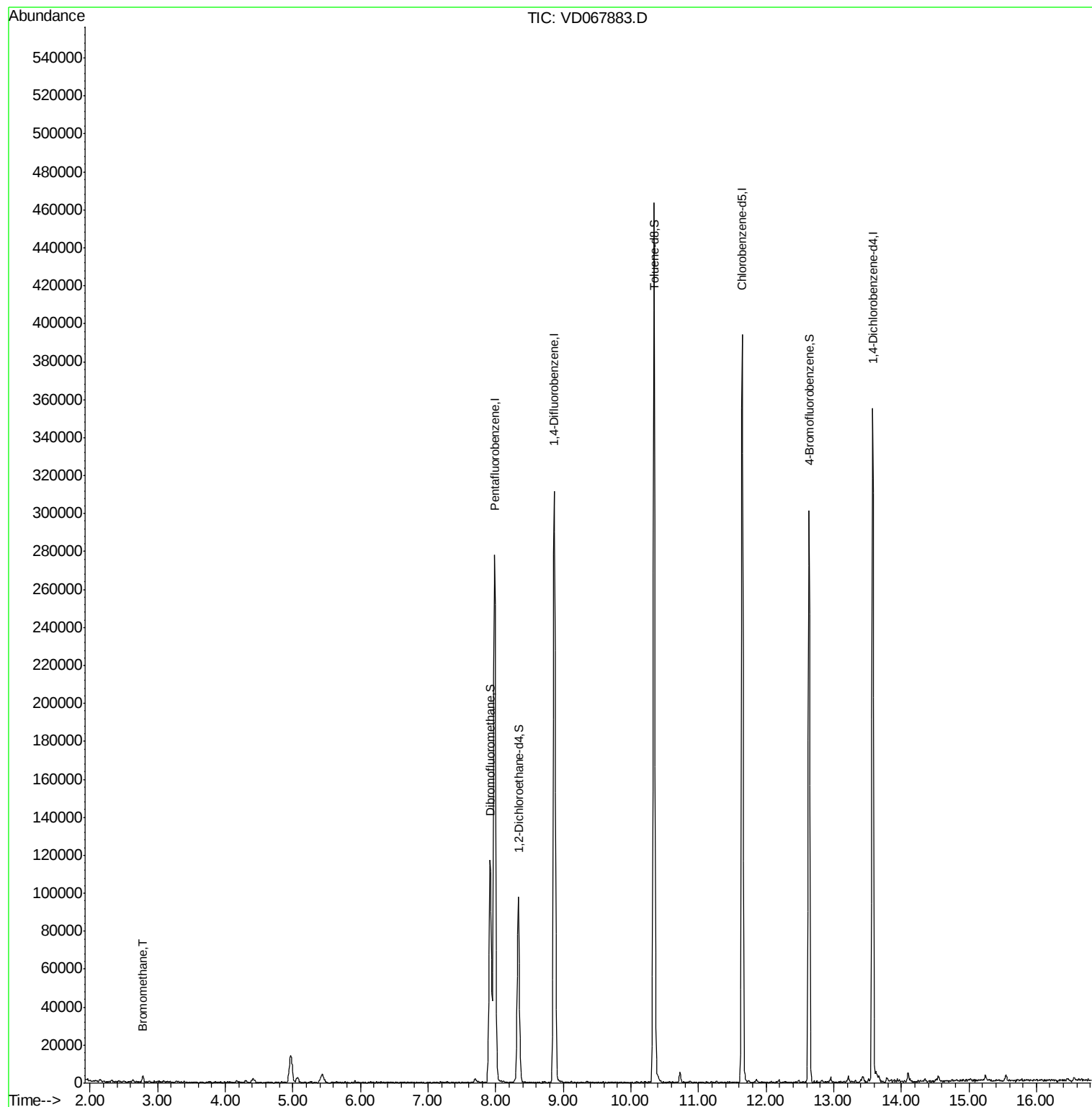
Target Compounds					Qvalue
5) Bromomethane	2.78	94	1920	1.624 ug/l #	58

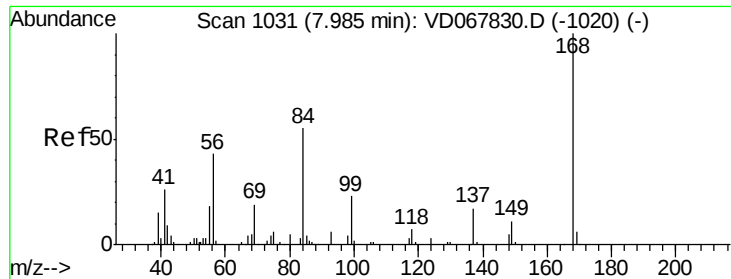
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120420\
Data File : VD067883.D
Acq On : 04 Dec 2020 14:10
Operator : VA/SY
Sample : L4599-01
Misc : 4.94G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TT-034-IDWSO-20201203

Quant Time: Dec 05 00:23:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 02 08:05:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067883.D

Acq: 04 Dec 2020 14:10

Instrument :

MSVOA_D

ClientSampleId :

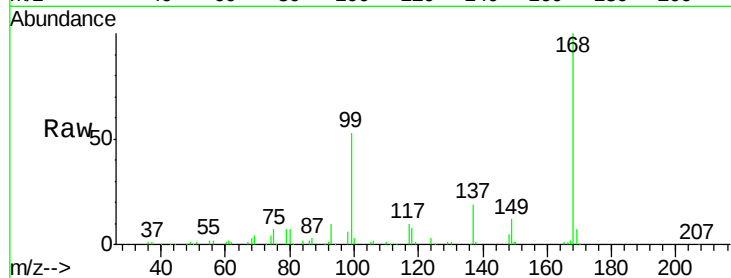
TT-034-IDWSO-20201203

Tot Ion:168 Resp: 209338

Ion Ratio Lower Upper

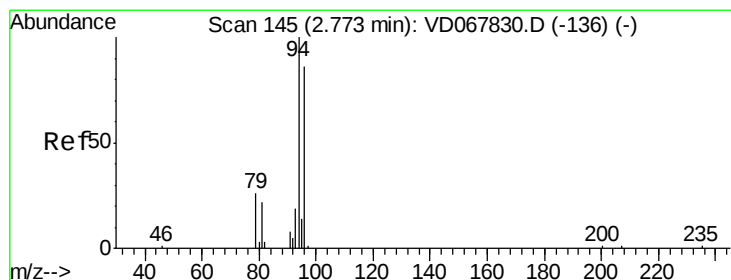
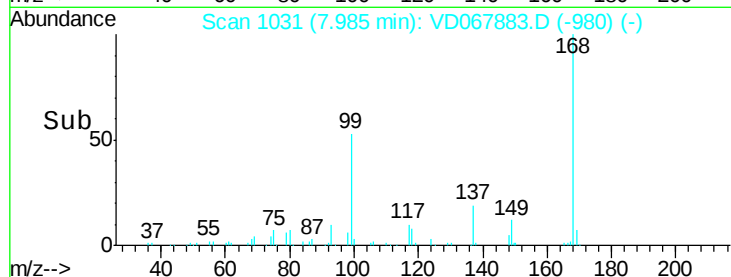
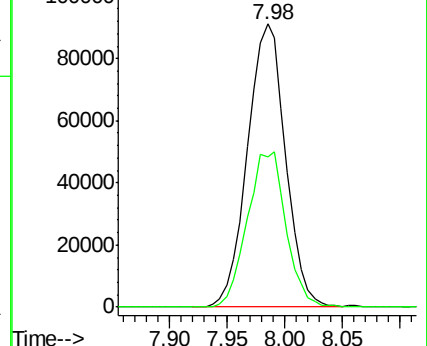
168 100

99 53.2 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#5

Bromomethane

Concen: 1.624 ug/l

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD067883.D

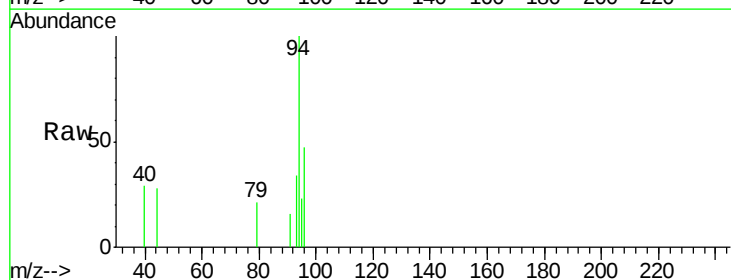
Acq: 04 Dec 2020 14:10

Tgt Ion: 94 Resp: 1920

Ion Ratio Lower Upper

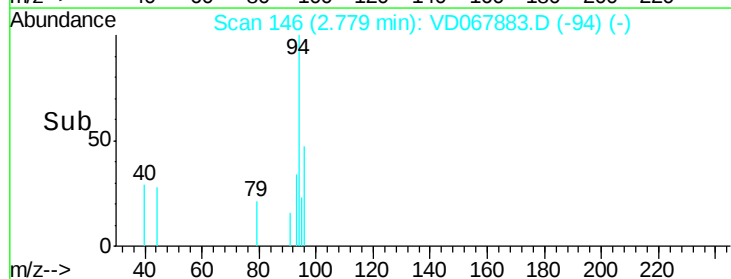
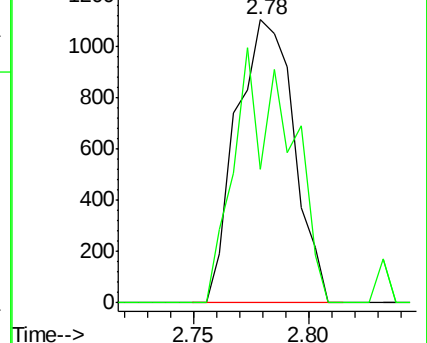
94 100

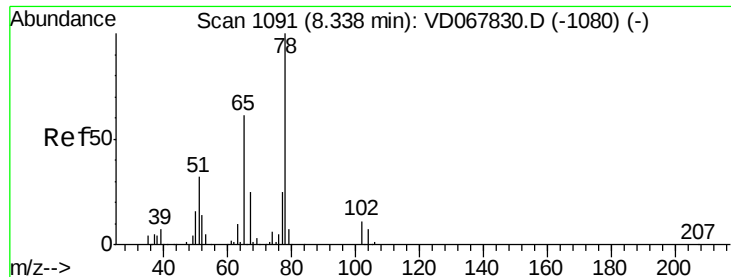
96 47.3 68.7 103.1#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 39.551 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067883.D

Acq: 04 Dec 2020 14:10

Instrument :

MSVOA_D

ClientSampleId :

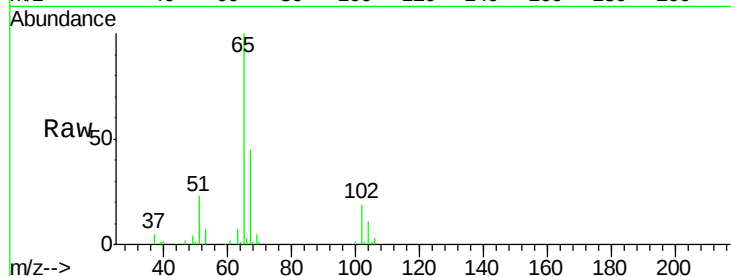
TT-034-IDWSO-20201203

Tot Ion: 65 Resp: 88884

Ion Ratio Lower Upper

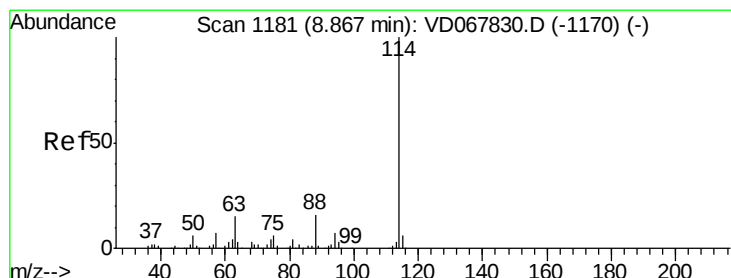
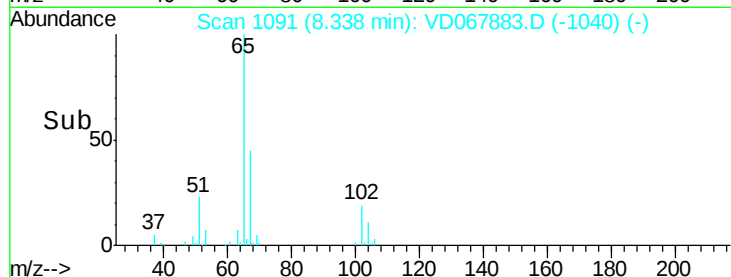
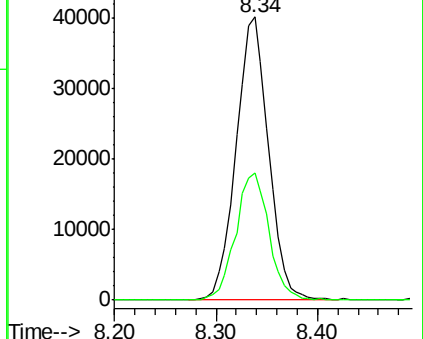
65 100

67 46.2 0.0 92.0



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: VD067883.D

Acq: 04 Dec 2020 14:10

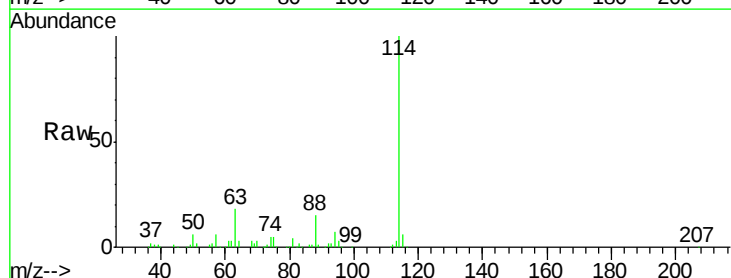
Tgt Ion: 114 Resp: 285746

Ion Ratio Lower Upper

114 100

63 17.6 0.0 30.8

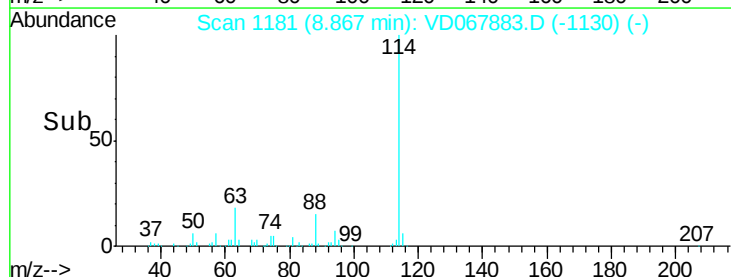
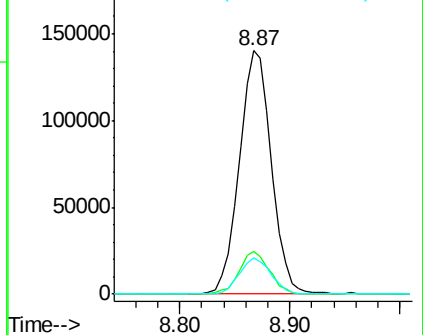
88 15.0 0.0 31.8

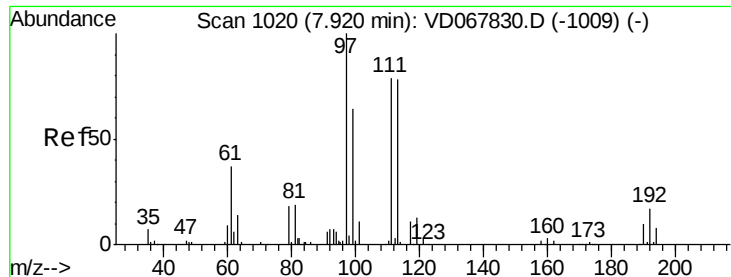


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

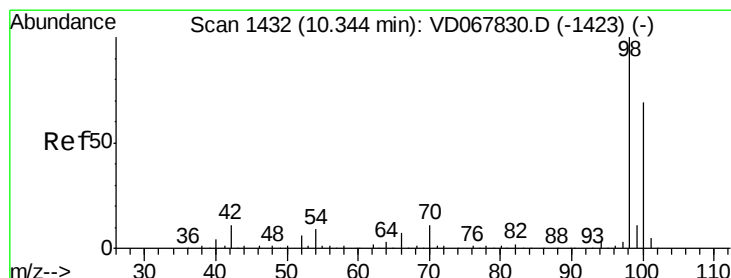
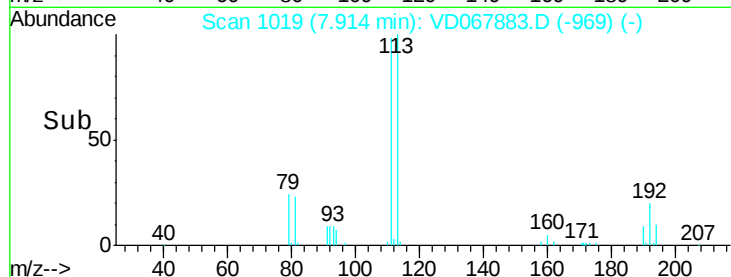
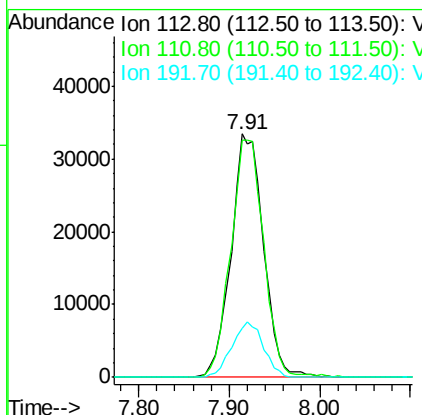
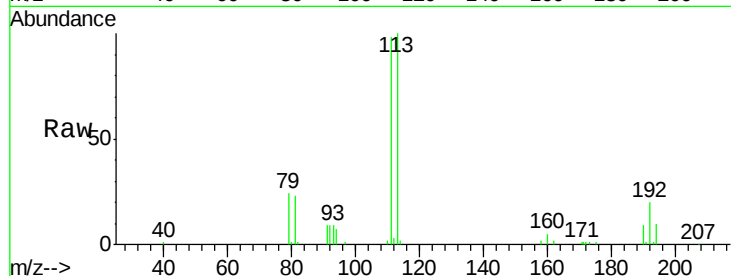




#35
 Dibromofluoromethane
 Concen: 43.359 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD067883.D
 Acq: 04 Dec 2020 14:10

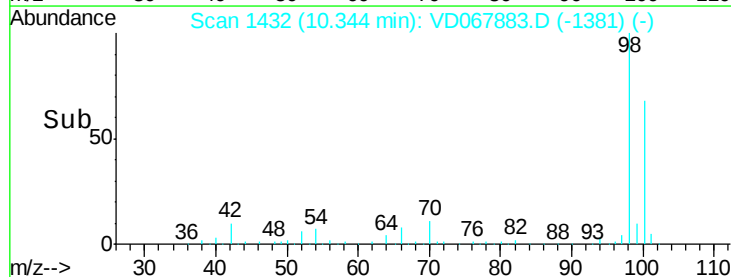
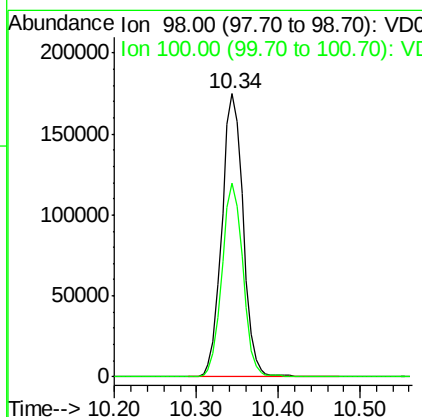
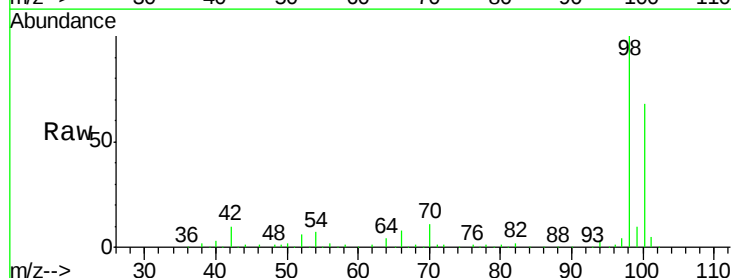
Instrument :
 MSVOA_D
 ClientSampleId :
 TT-034-IDWSO-20201203

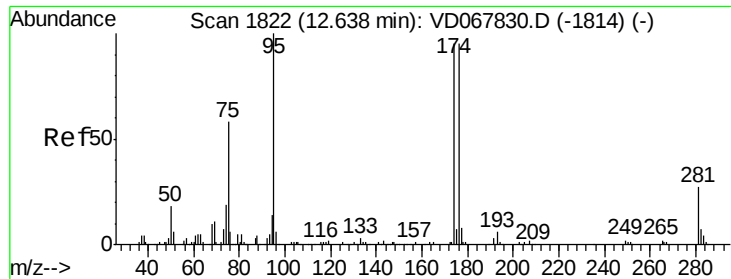
Tot Ion:113 Resp: 82905
 Ion Ratio Lower Upper
 113 100
 111 99.6 81.2 121.8
 192 22.0 16.8 25.2



#50
 Toluene-d8
 Concen: 46.193 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067883.D
 Acq: 04 Dec 2020 14:10

Tgt Ion: 98 Resp: 317947
 Ion Ratio Lower Upper
 98 100
 100 67.5 52.9 79.3

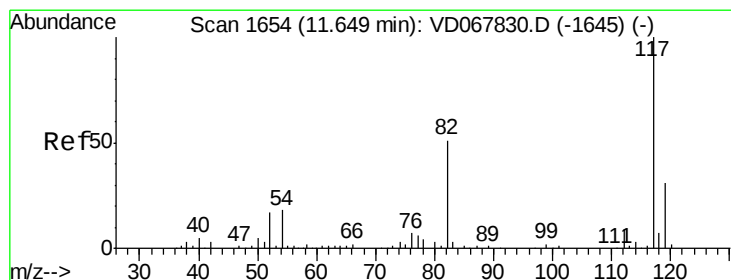
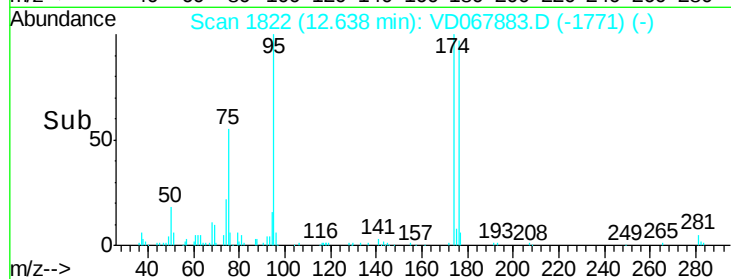
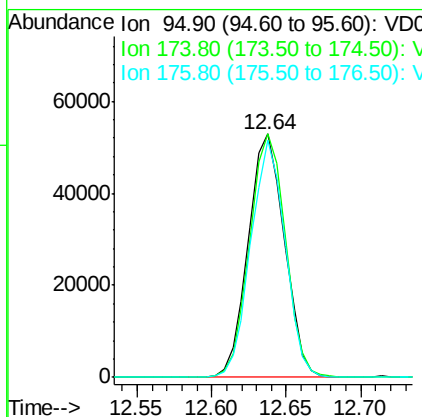
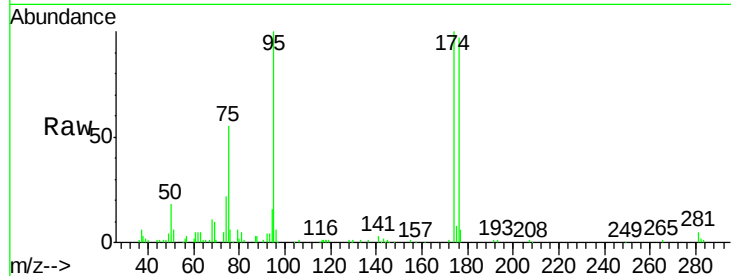




#62
4-Bromofluorobenzene
Concen: 37.322 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067883.D
Acq: 04 Dec 2020 14:10

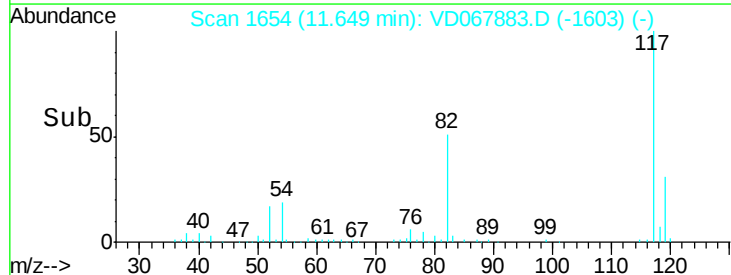
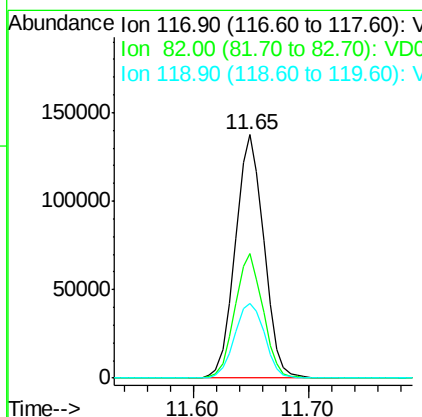
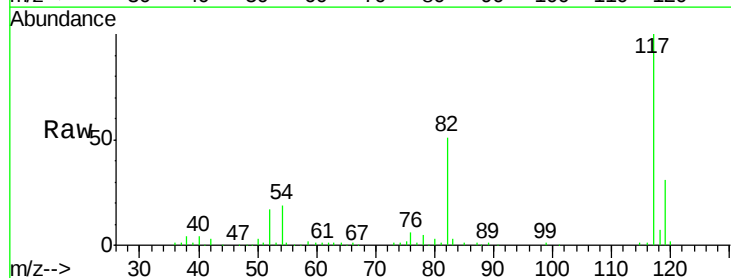
Instrument :
MSVOA_D
ClientSampleId :
TT-034-IDWSO-20201203

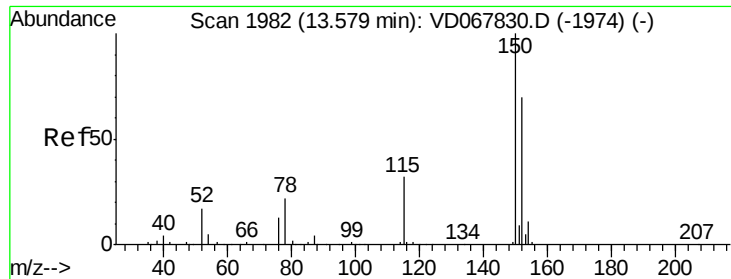
Tot Ion: 95 Resp: 88813
Ion Ratio Lower Upper
95 100
174 98.7 0.0 186.0
176 92.2 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067883.D
Acq: 04 Dec 2020 14:10

Tgt Ion: 117 Resp: 235466
Ion Ratio Lower Upper
117 100
82 51.4 40.6 60.8
119 30.8 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067883.D

Acq: 04 Dec 2020 14:10

Instrument :

MSVOA_D

ClientSampleId :

TT-034-IDWSO-20201203

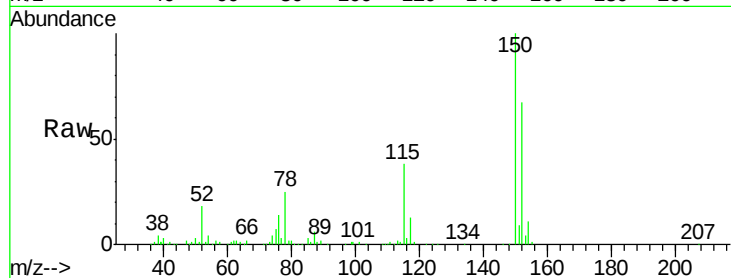
Tot Ion:152 Resp: 99552

Ion Ratio Lower Upper

152 100

115 59.2 29.1 87.4

150 161.2 0.0 339.0



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

