

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120420\
 Data File : VD067884.D
 Acq On : 04 Dec 2020 14:37
 Operator : VA/SY
 Sample : L4599-02
 Misc : 4.17G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-035-IDWSO-20201203

Quant Time: Dec 05 00:26:35 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	221873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	302922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	260250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	124992	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	96502	40.51	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.02%
35) Dibromofluoromethane	7.93	113	85555	42.21	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.42%
50) Toluene-d8	10.34	98	335559	45.99	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.98%
62) 4-Bromofluorobenzene	12.64	95	100025	39.65	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.30%

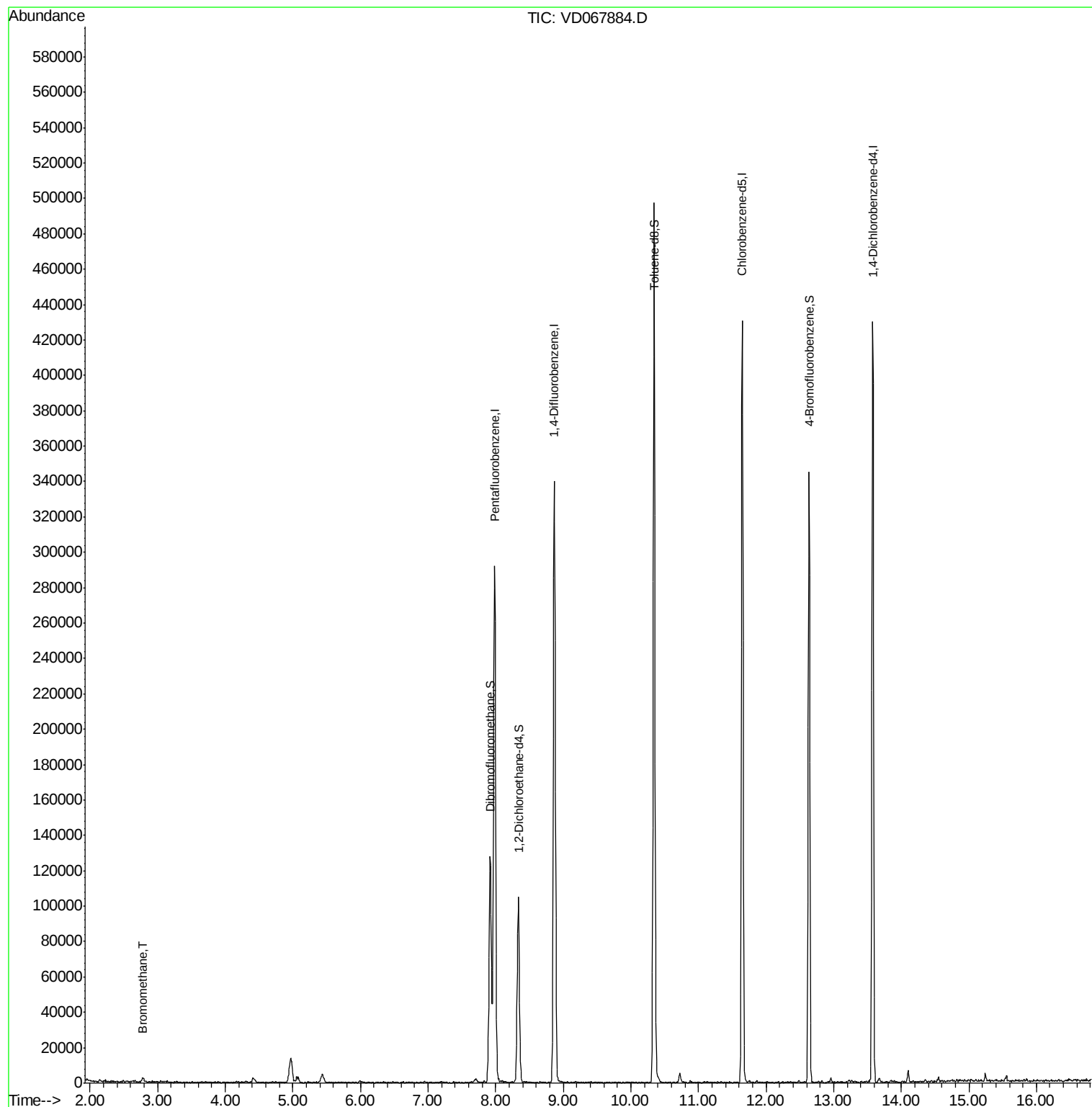
Target Compounds					Qvalue
5) Bromomethane	2.77	94	1575	1.257 ug/l #	54

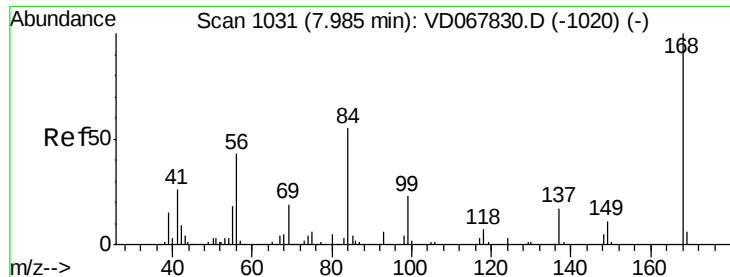
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067884.D

Acq: 04 Dec 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

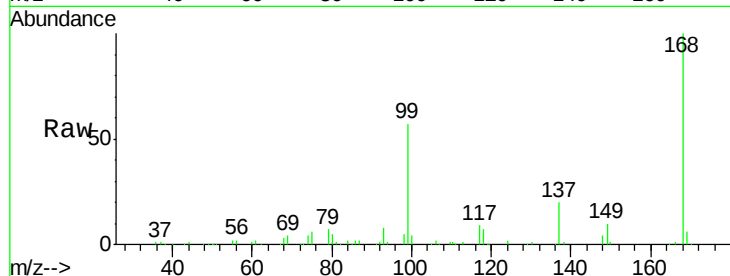
TT-035-IDWSO-20201203

Tot Ion:168 Resp: 221873

Ion Ratio Lower Upper

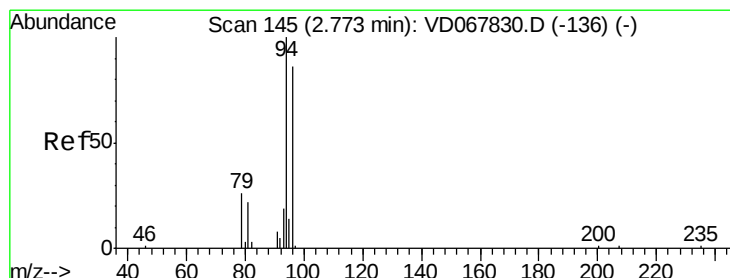
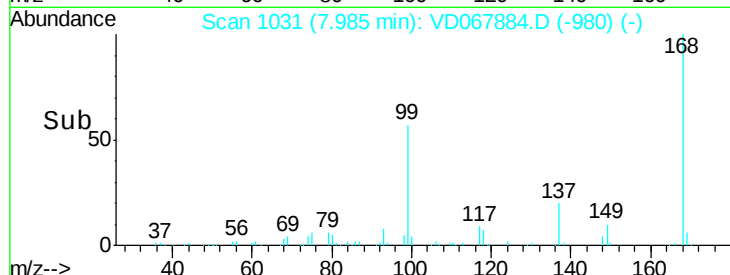
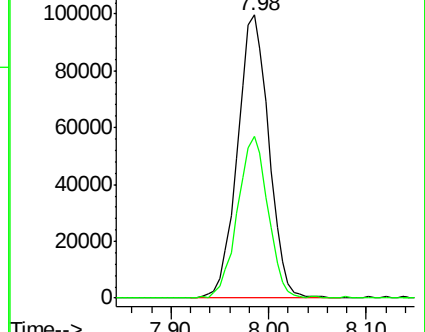
168 100

99 57.1 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: 1.257 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067884.D

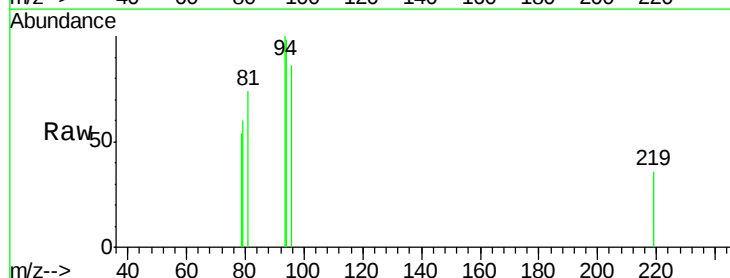
Acq: 04 Dec 2020 14:37

Tgt Ion: 94 Resp: 1575

Ion Ratio Lower Upper

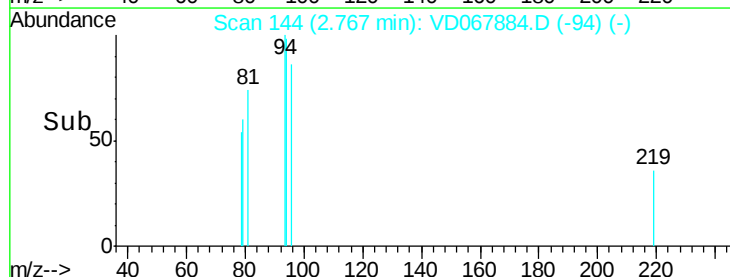
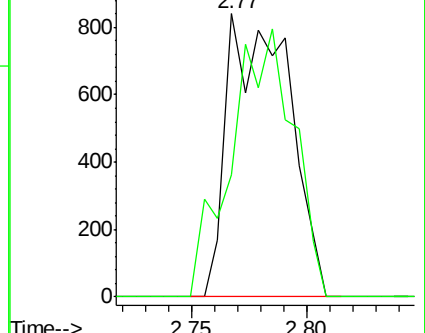
94 100

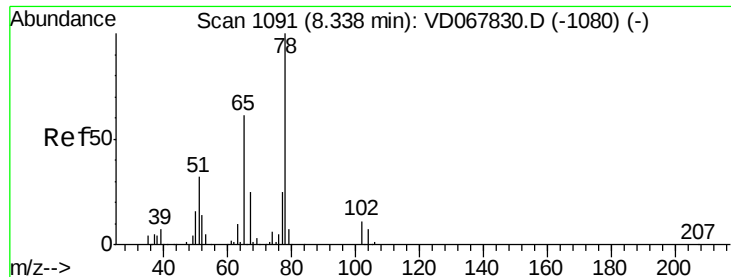
96 43.3 68.7 103.1#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

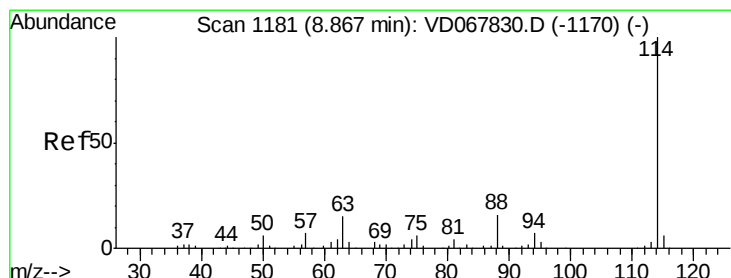
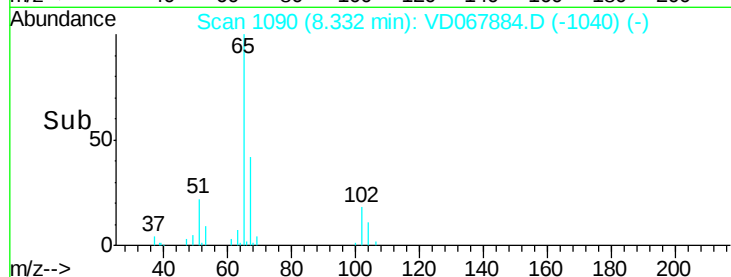
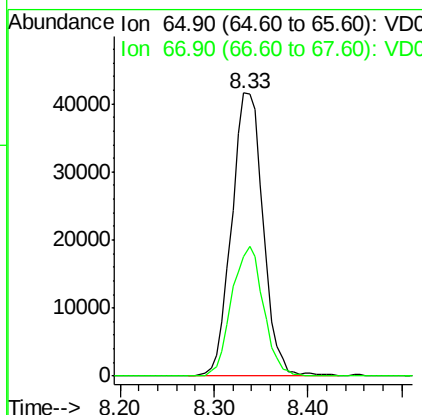
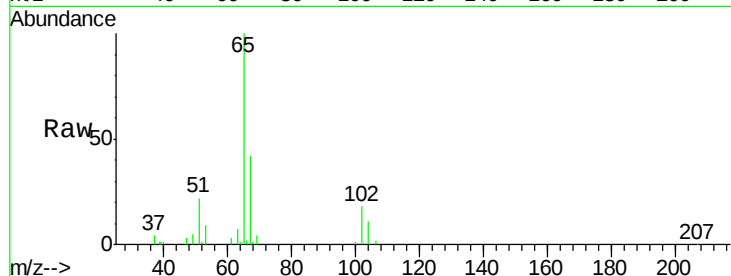




#33
 1,2-Dichloroethane-d4
 Concen: 40.515 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067884.D
 Acq: 04 Dec 2020 14:37

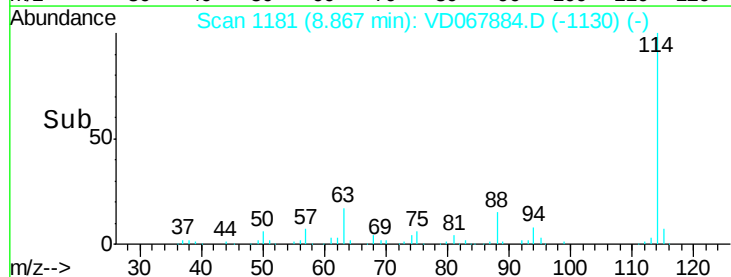
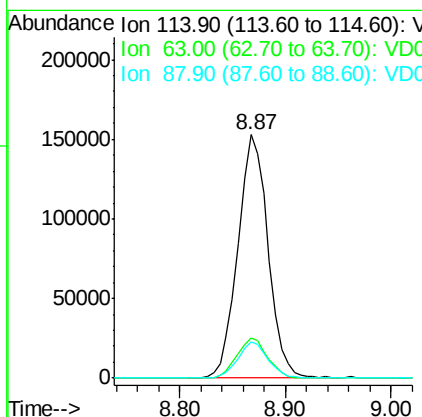
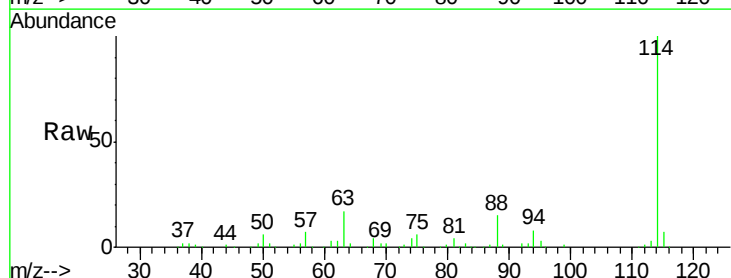
Instrument :
 MSVOA_D
 ClientSampleId :
 TT-035-IDWSO-20201203

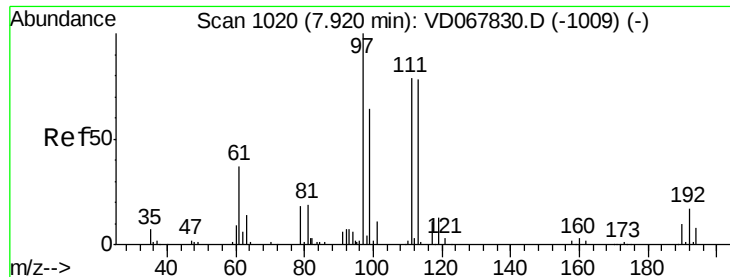
Tot Ion: 65 Resp: 96502
 Ion Ratio Lower Upper
 65 100
 67 46.1 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067884.D
 Acq: 04 Dec 2020 14:37

Tgt Ion: 114 Resp: 302922
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 30.8
 88 14.7 0.0 31.8

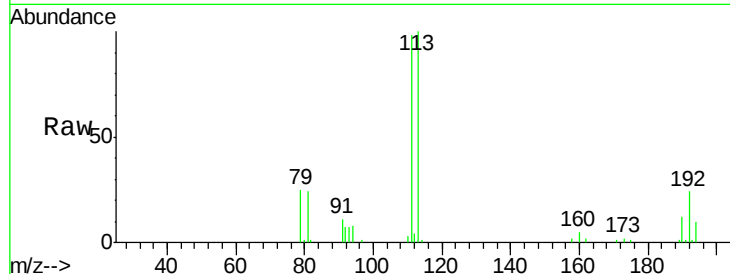




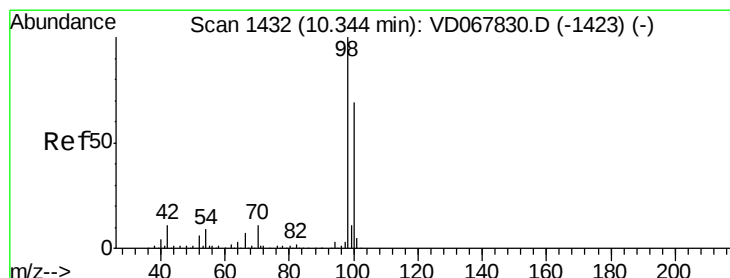
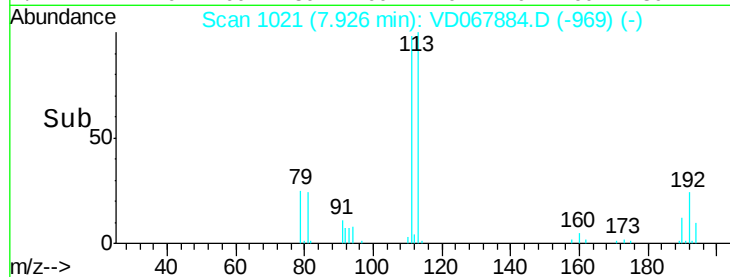
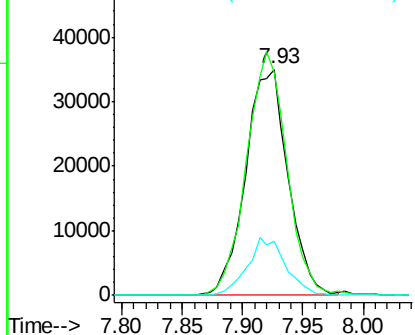
#35
 Dibromofluoromethane
 Concen: 42.208 ug/l
 RT: 7.93 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: VD067884.D
 Acq: 04 Dec 2020 14:37

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-035-IDWSO-20201203

Tot Ion:113 Resp: 85555
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.2 121.8
 192 22.9 16.8 25.2

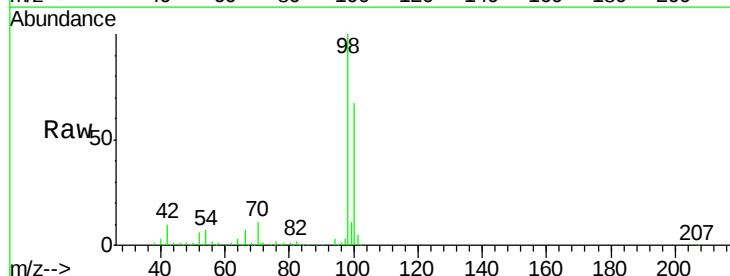


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

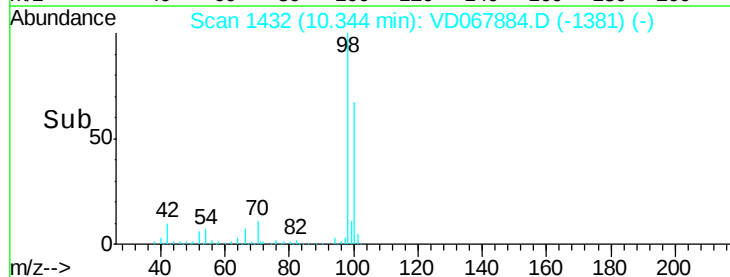
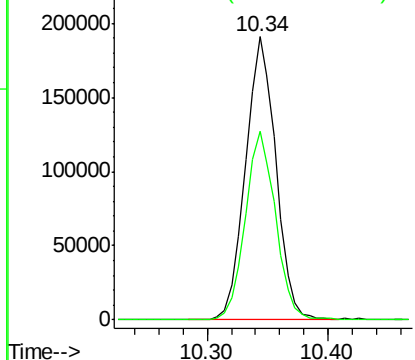


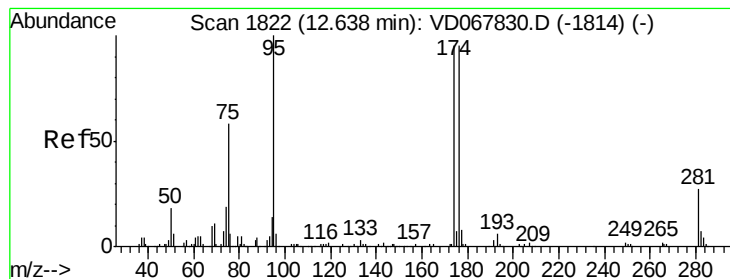
#50
 Toluene-d8
 Concen: 45.987 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067884.D
 Acq: 04 Dec 2020 14:37

Tgt Ion: 98 Resp: 335559
 Ion Ratio Lower Upper
 98 100
 100 66.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC





#62

4-Bromofluorobenzene

Concen: 39.650 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067884.D

Acq: 04 Dec 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

TT-035-IDWSO-20201203

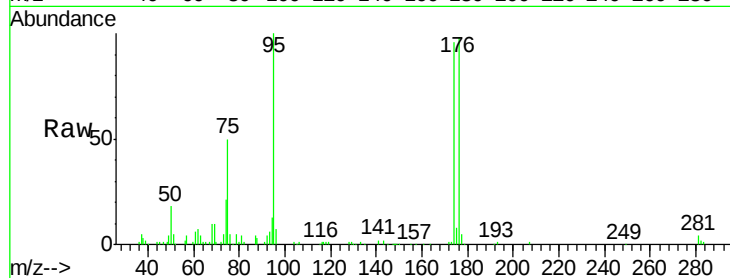
Tot Ion: 95 Resp: 100025

Ion Ratio Lower Upper

95 100

174 99.8 0.0 186.0

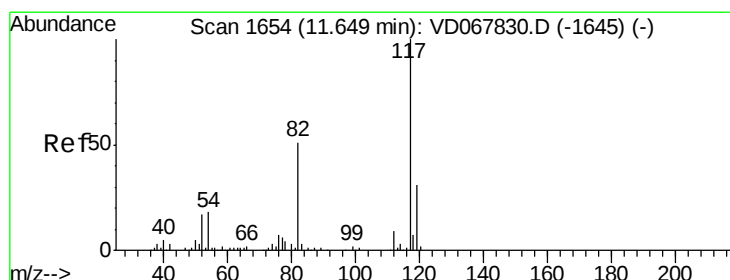
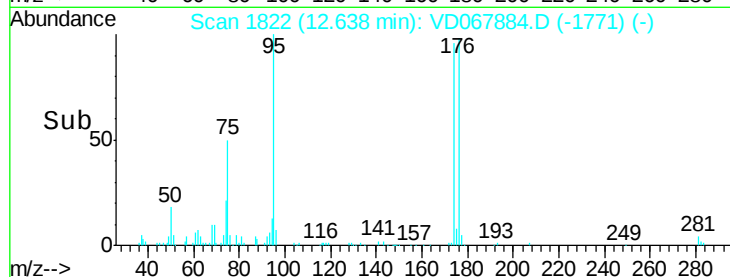
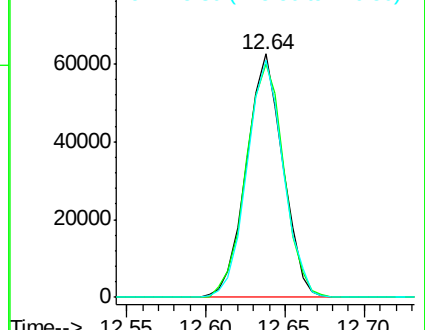
176 97.0 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VD067830.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD067830.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD067830.D (-1814) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD067884.D

Acq: 04 Dec 2020 14:37

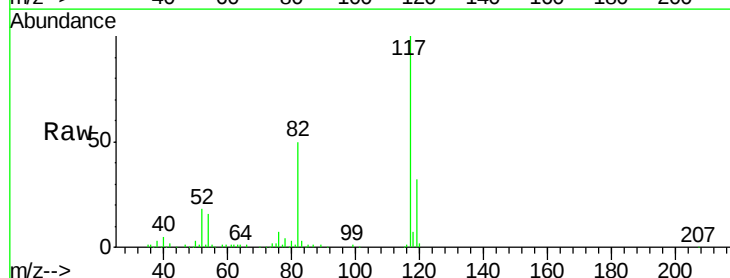
Tgt Ion: 117 Resp: 260250

Ion Ratio Lower Upper

117 100

82 50.3 40.6 60.8

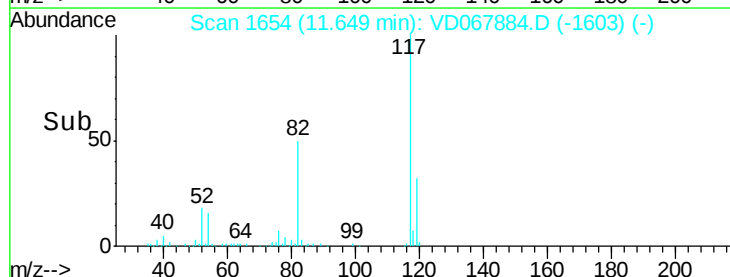
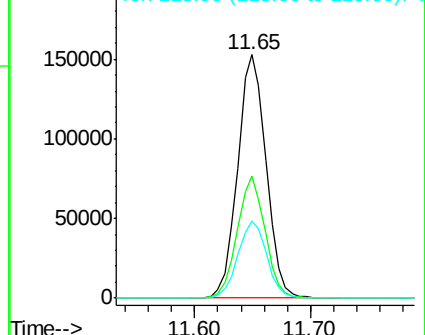
119 31.7 25.1 37.7

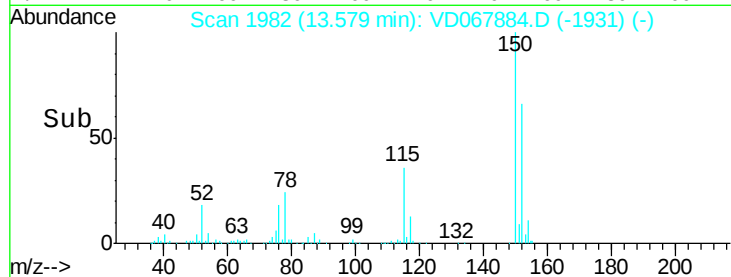
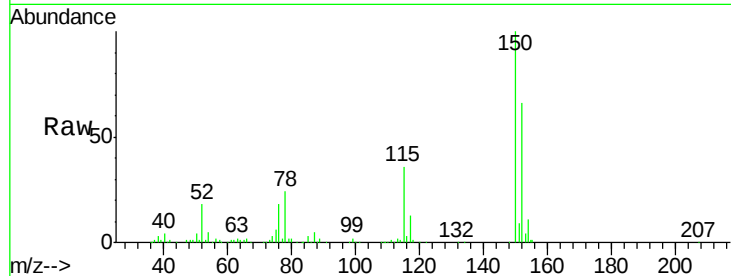
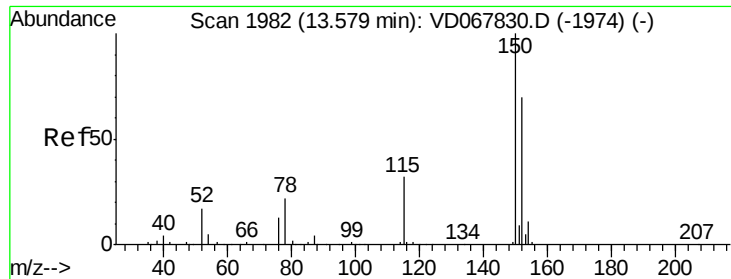


Abundance Ion 116.90 (116.60 to 117.60): VD067830.D (-1645) (-)

Ion 82.00 (81.70 to 82.70): VD067830.D (-1645) (-)

Ion 118.90 (118.60 to 119.60): VD067830.D (-1645) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067884.D

Acq: 04 Dec 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

TT-035-IDWSO-20201203

Tot Ion:152 Resp: 124992

Ion Ratio Lower Upper

152 100

115 55.4 29.1 87.4

150 151.1 0.0 339.0

