

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120420\
 Data File : VD067886.D
 Acq On : 04 Dec 2020 15:31
 Operator : VA/SY
 Sample : L4599-01RE
 Misc : 6.88G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Dec 05 00:32:35 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	204111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	265412	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	215507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	91849	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	76021	34.69	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	69.38%
35) Dibromofluoromethane	7.92	113	74163	41.76	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.52%
50) Toluene-d8	10.34	98	296057	46.31	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.62%
62) 4-Bromofluorobenzene	12.64	95	78971	35.73	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.46%

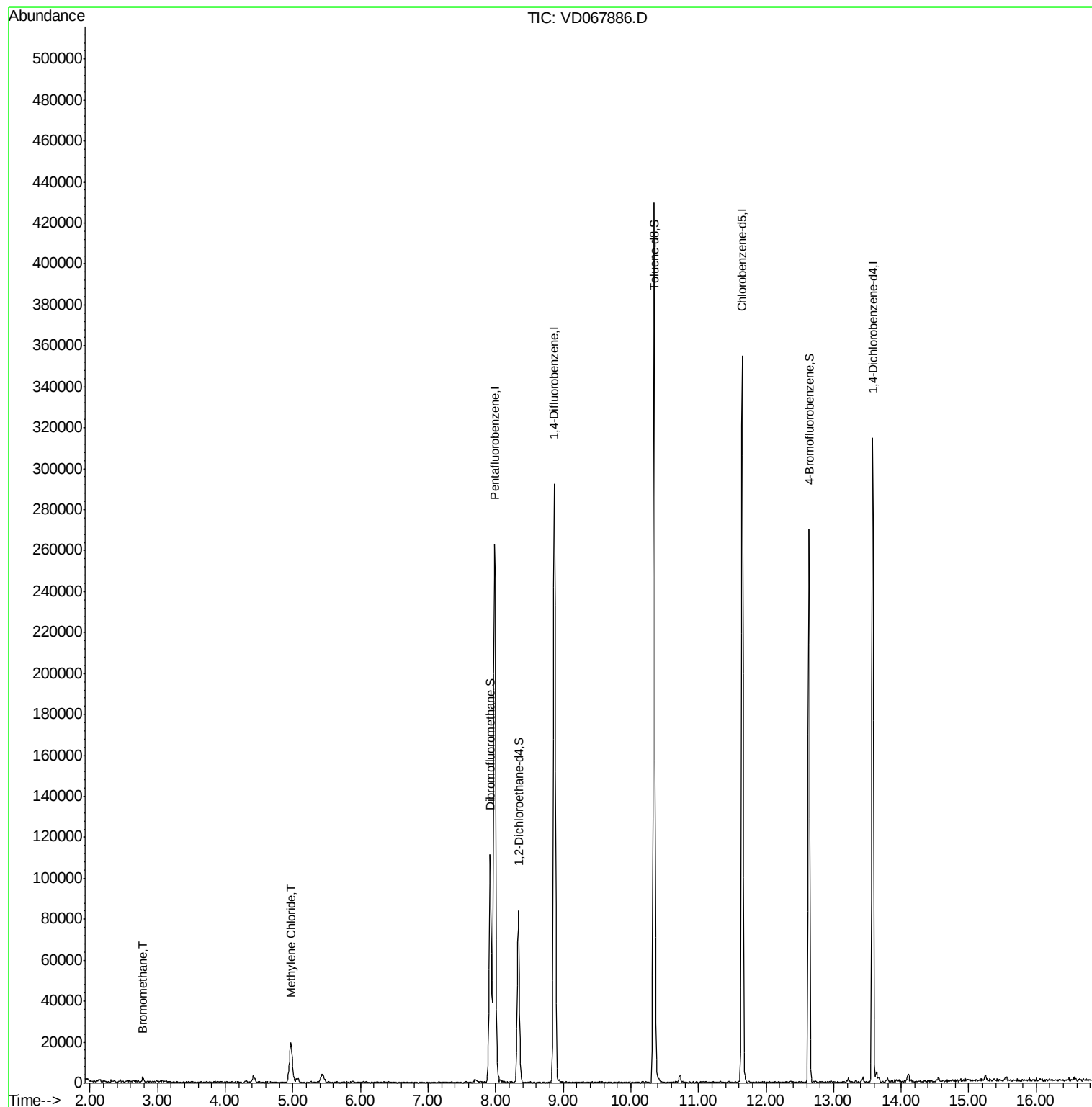
Target Compounds					Qvalue
5) Bromomethane	2.79	94	1488	1.291 ug/l #	80
20) Methylene Chloride	4.97	84	16739	5.923 ug/l #	96

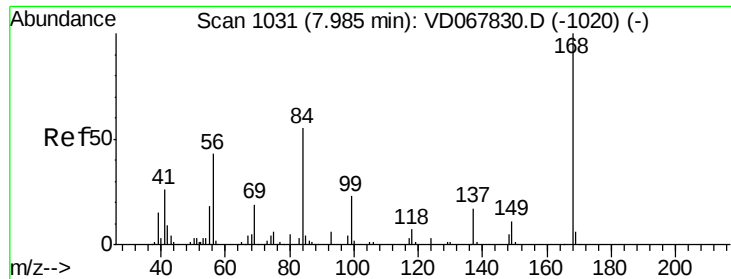
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120420\
Data File : VD067886.D
Acq On : 04 Dec 2020 15:31
Operator : VA/SY
Sample : L4599-01RE
Misc : 6.88G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Dec 05 00:32:35 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: VD067886.D

Acq: 04 Dec 2020 15:31

Instrument :

MSVOA_D

ClientSampleId :

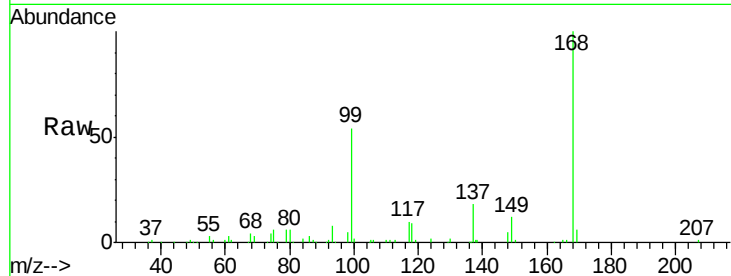
TT-034-IDWSO-20201203RE

Tot Ion:168 Resp: 204111

Ion Ratio Lower Upper

168 100

99 54.2 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

80000

60000

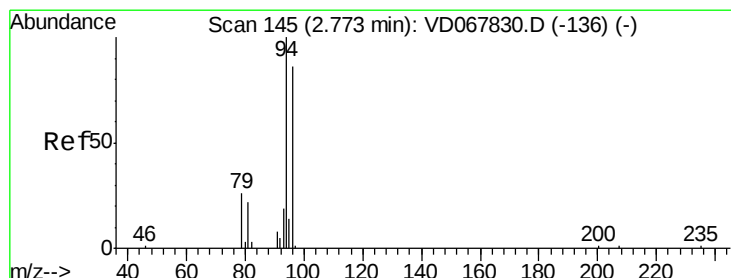
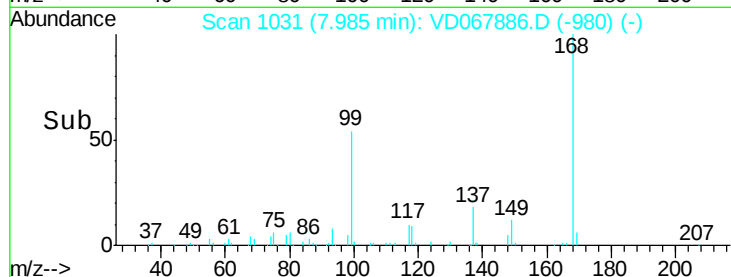
40000

20000

0

7.90 7.95 8.00 8.05

Time-->



#5

Bromomethane

Concen: 1.291 ug/l

RT: 2.79 min Scan# 147

Delta R.T. 0.01 min

Lab File: VD067886.D

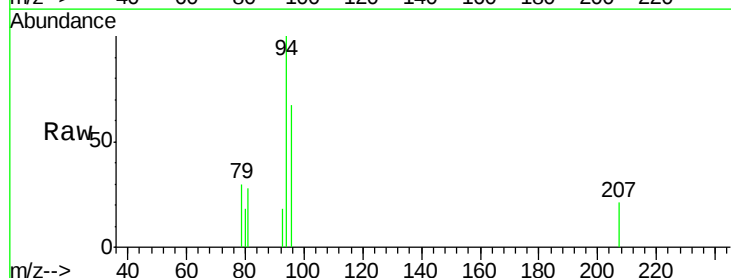
Acq: 04 Dec 2020 15:31

Tgt Ion: 94 Resp: 1488

Ion Ratio Lower Upper

94 100

96 67.4 68.7 103.1#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.79

1000

800

600

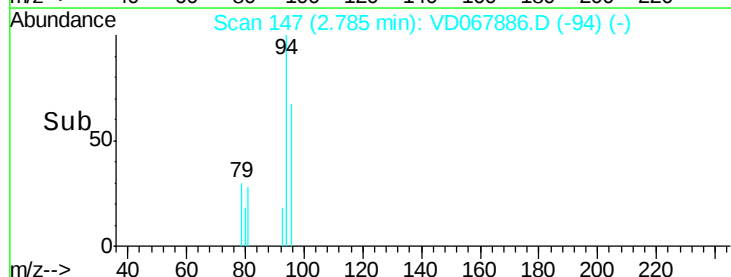
400

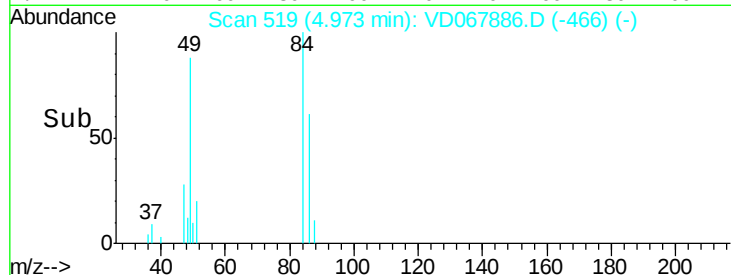
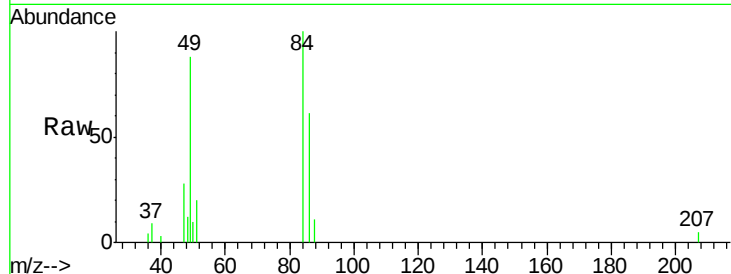
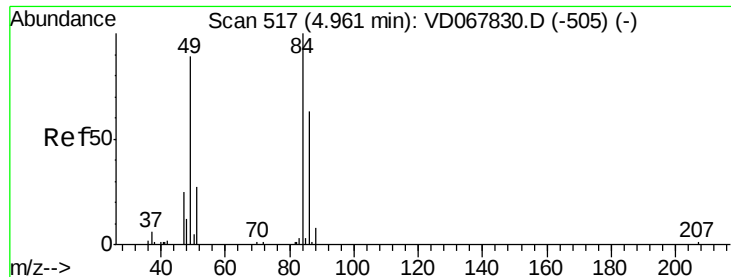
200

0

2.75 2.80

Time-->

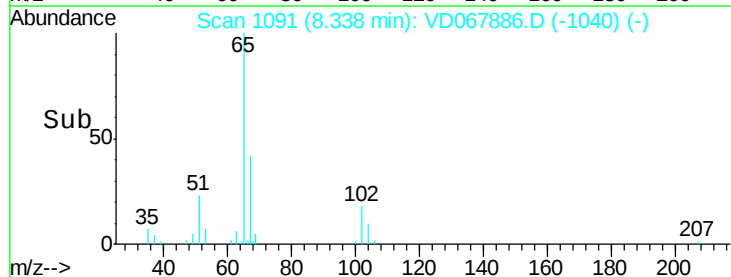
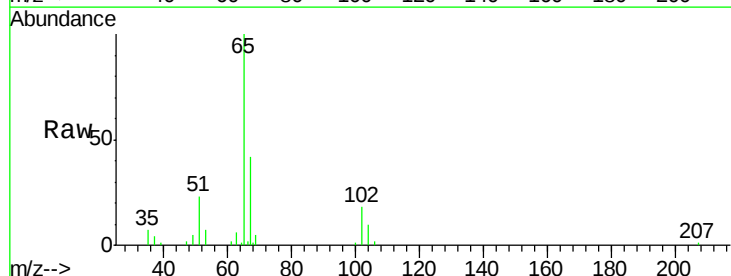
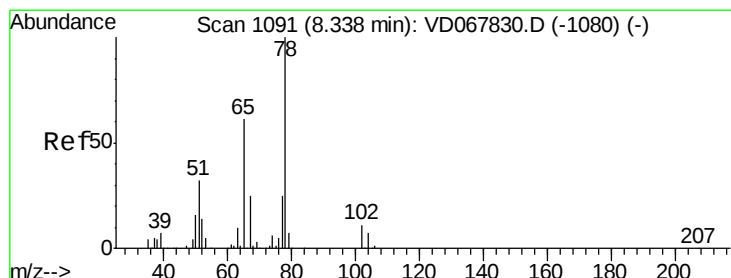
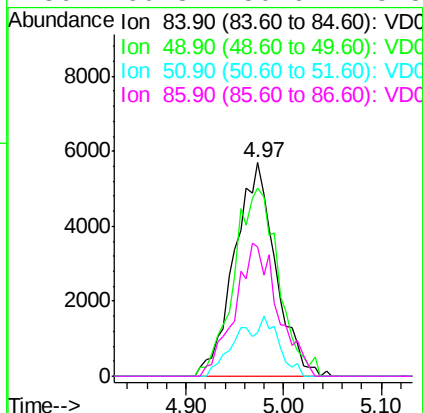




#20
Methvlene Chloride
Concen: 5.923 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067886.D
Acq: 04 Dec 2020 15:31

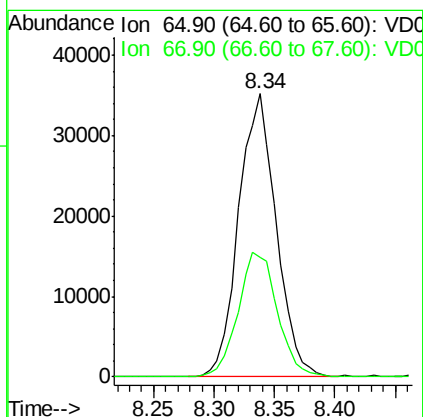
Instrument :
MSVOA_D
ClientSampleId :
TT-034-IDWSO-20201203RE

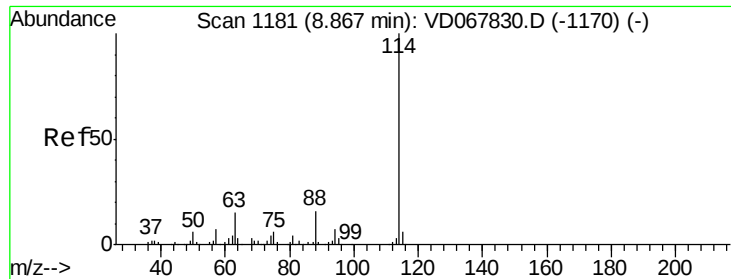
Tot Ion: 84 Resp: 16739
Ion Ratio Lower Upper
84 100
49 88.1 71.4 107.0
51 20.1 21.8 32.8#
86 60.8 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 34.694 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD067886.D
Acq: 04 Dec 2020 15:31

Tgt Ion: 65 Resp: 76021
Ion Ratio Lower Upper
65 100
67 46.1 0.0 92.0

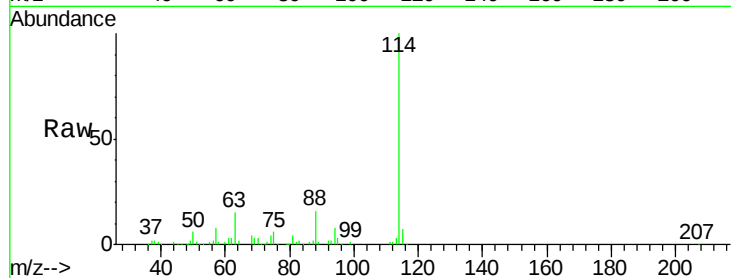




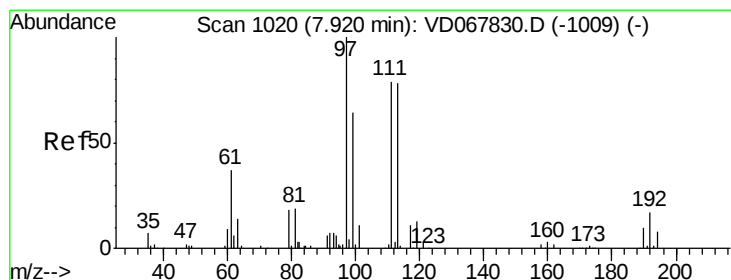
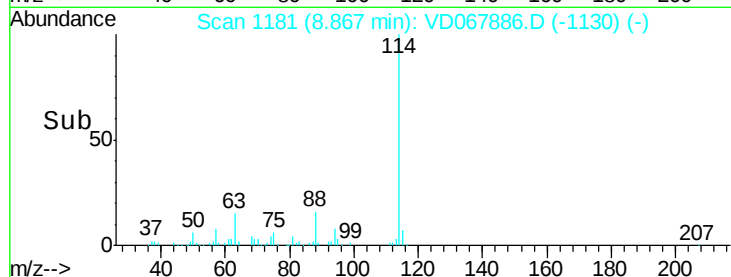
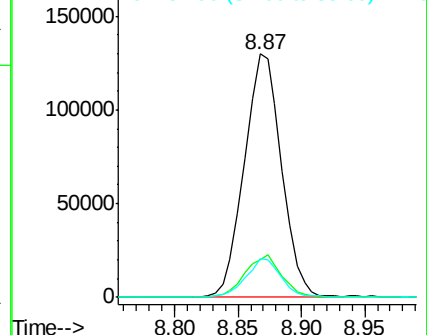
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067886.D
 Acq: 04 Dec 2020 15:31

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

Tot Ion	Ratio	Lower	Upper
114	100		
63	15.3	0.0	30.8
88	15.8	0.0	31.8

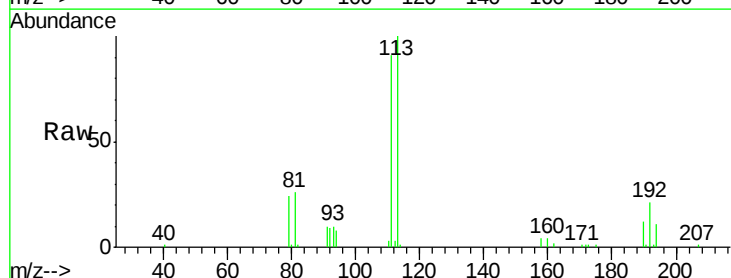


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

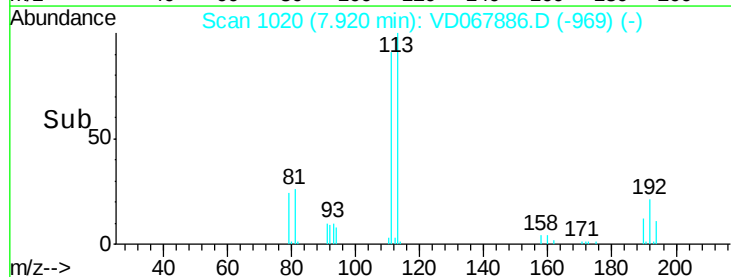
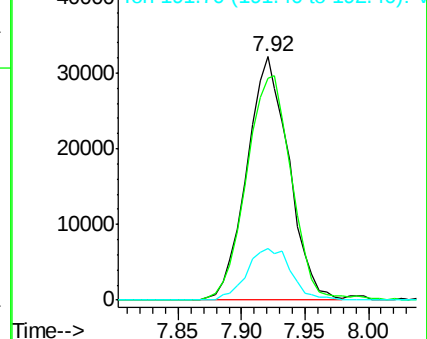


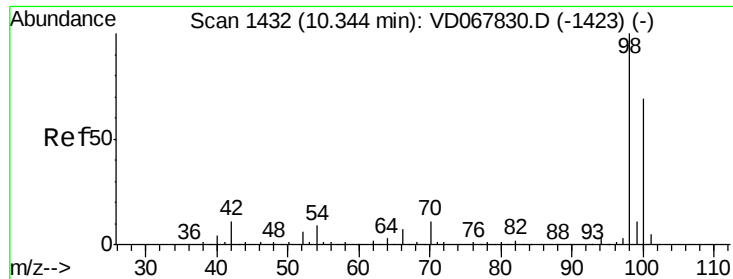
#35
 Dibromofluoromethane
 Concen: 41.759 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067886.D
 Acq: 04 Dec 2020 15:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	98.8	81.2	121.8
192	22.3	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

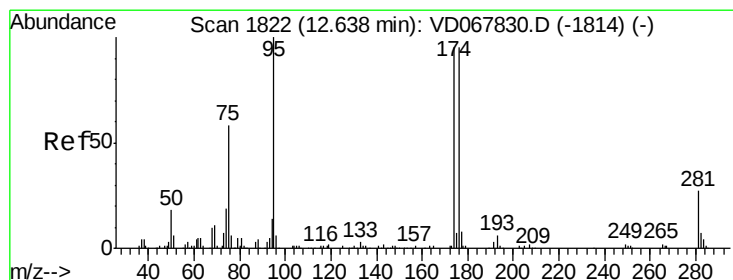
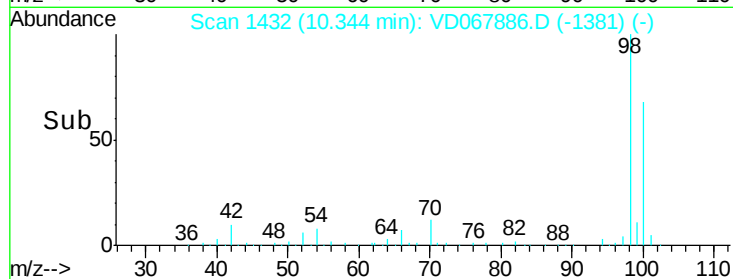
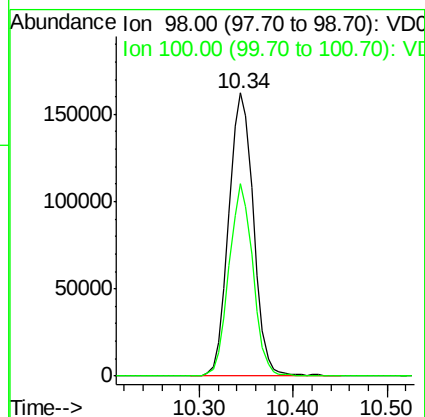
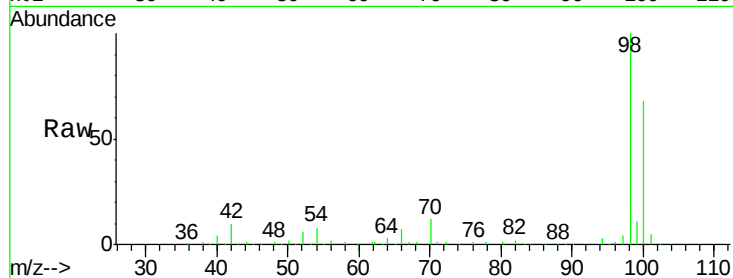




#50
Toluene-d8
Concen: 46.308 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067886.D
Acq: 04 Dec 2020 15:31

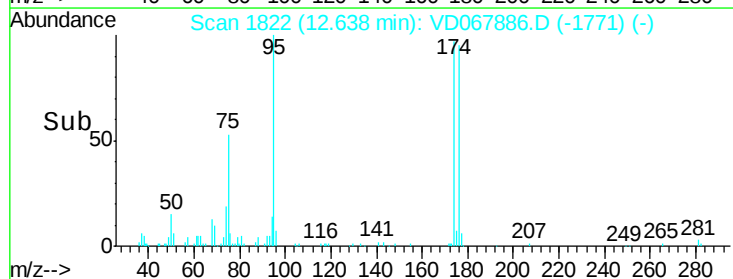
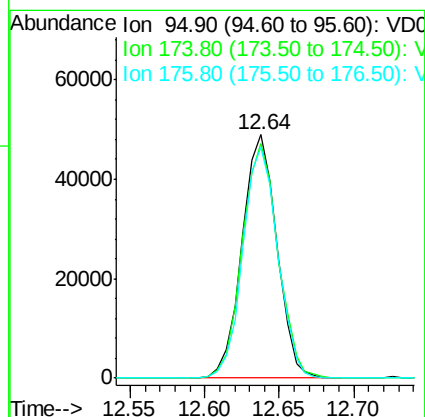
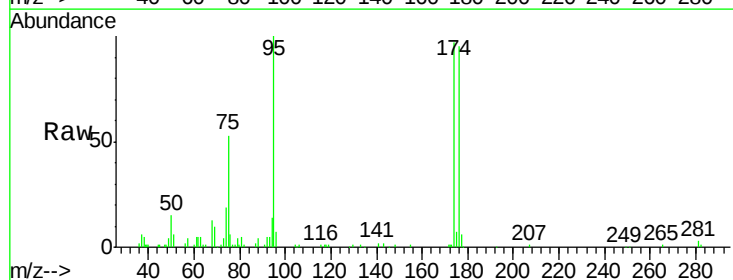
Instrument :
MSVOA_D
ClientSampleId :
TT-034-IDWSO-20201203RE

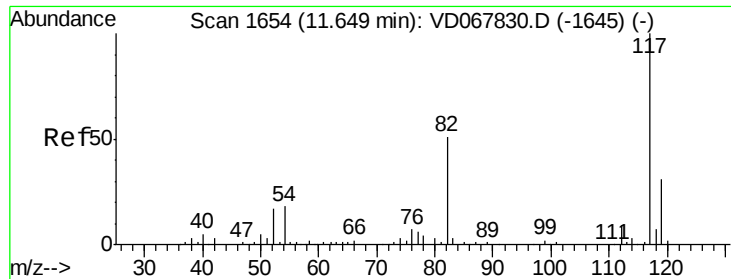
Tot Ion: 98 Resp: 296057
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 35.728 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067886.D
Acq: 04 Dec 2020 15:31

Tgt Ion: 95 Resp: 78971
Ion Ratio Lower Upper
95 100
174 99.1 0.0 186.0
176 94.8 0.0 184.2

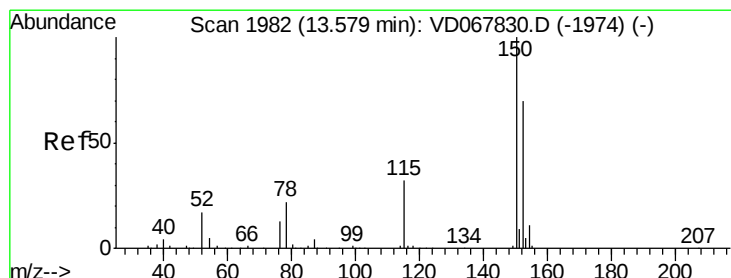
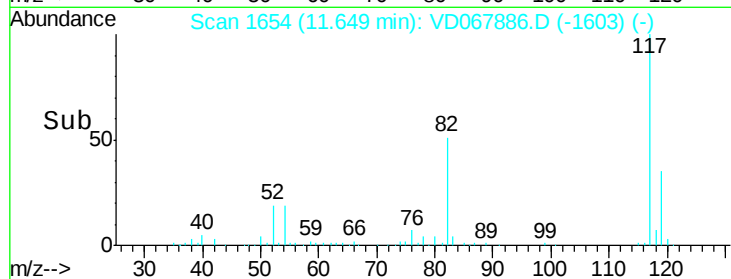
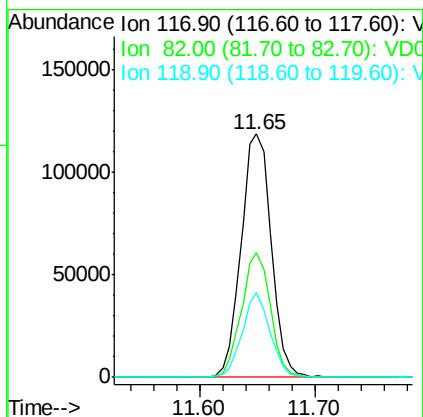
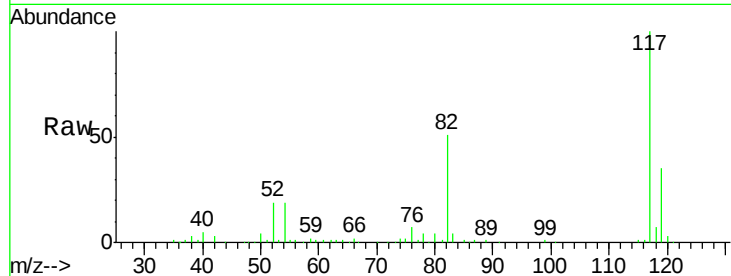




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067886.D
Acq: 04 Dec 2020 15:31

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

Tot Ion:117 Resp: 215507
Ion Ratio Lower Upper
117 100
82 51.0 40.6 60.8
119 34.8 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: VD067886.D
Acq: 04 Dec 2020 15:31

Tgt Ion:152 Resp: 91849
Ion Ratio Lower Upper
152 100
115 57.2 29.1 87.4
150 156.1 0.0 339.0

