

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066877.D
 Acq On : 25 Sep 2020 16:39
 Operator : VA/SY
 Sample : L4162-01
 Misc : 5.49G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-028-IDWSO-20200924

Quant Time: Sep 26 04:33:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

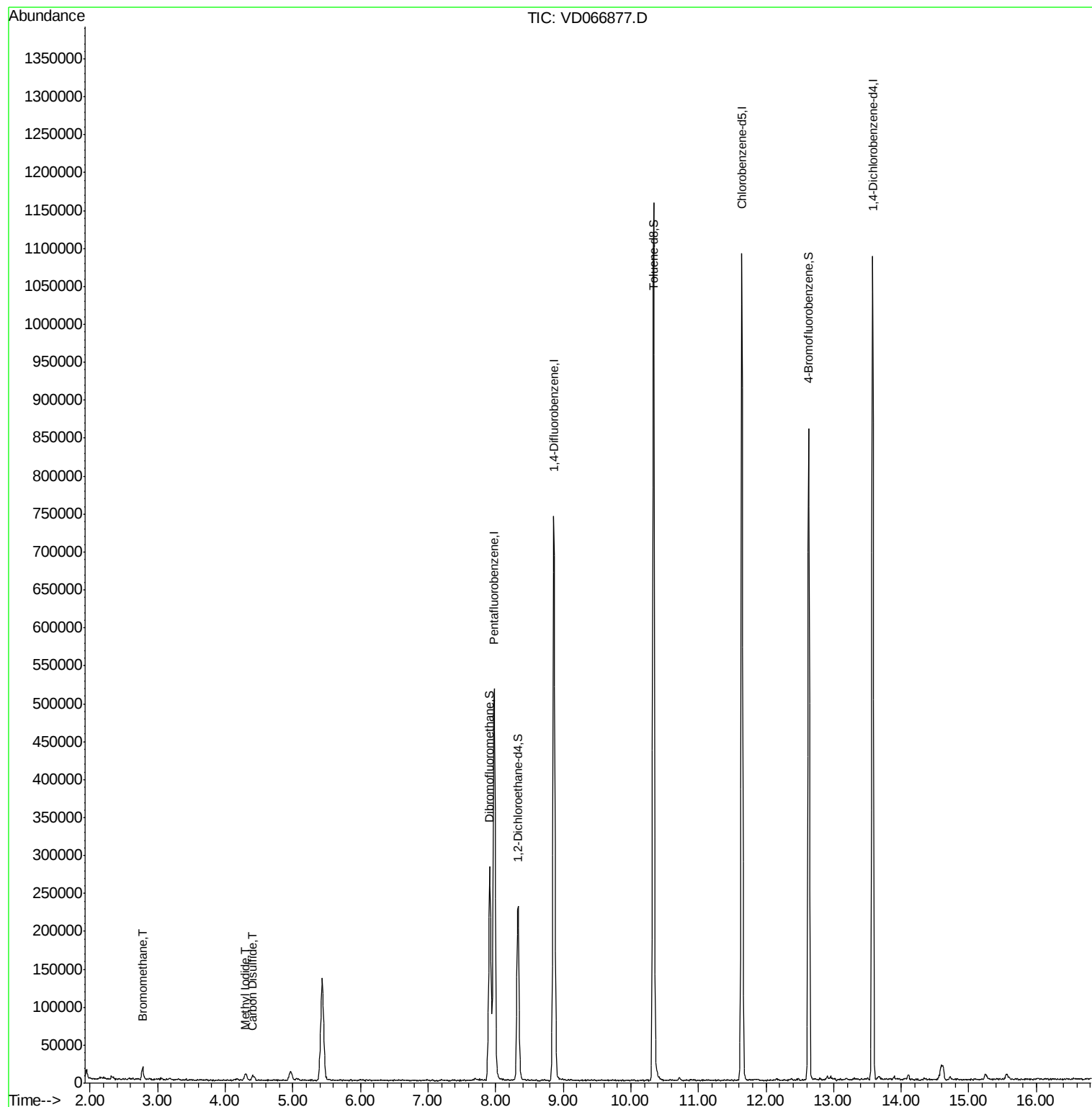
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	370830	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	651355	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	636320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	282728	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	190640	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
35) Dibromofluoromethane	7.91	113	203410	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
50) Toluene-d8	10.34	98	779874	55.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.48%	
62) 4-Bromofluorobenzene	12.63	95	274341	56.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.52%	
Target Compounds						
5) Bromomethane	2.78	94	10788	4.560	ug/l	97
10) Methyl Iodide	4.30	142	13818	3.906	ug/l #	74
17) Carbon Disulfide	4.41	76	13363	1.204	ug/l	98

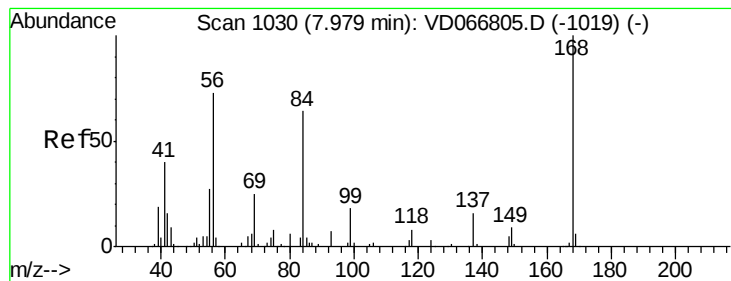
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092520\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066877.D

Acq: 25 Sep 2020 16:39

Instrument :

MSVOA_D

ClientSampleId :

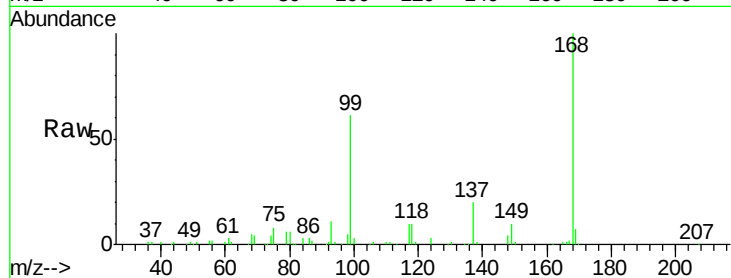
TT-028-IDWSO-20200924

Tot Ion:168 Resp: 370830

Ion Ratio Lower Upper

168 100

99 60.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

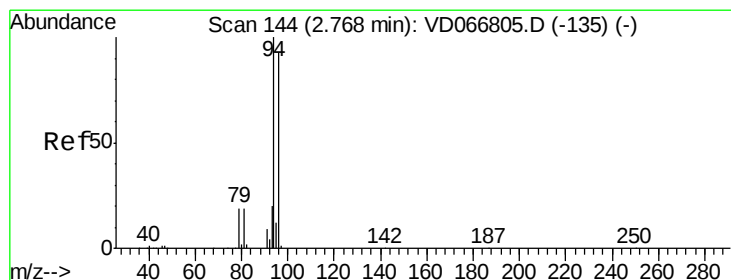
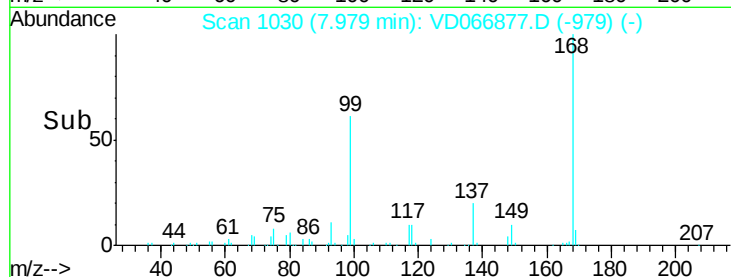
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 4.560 ug/l

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD066877.D

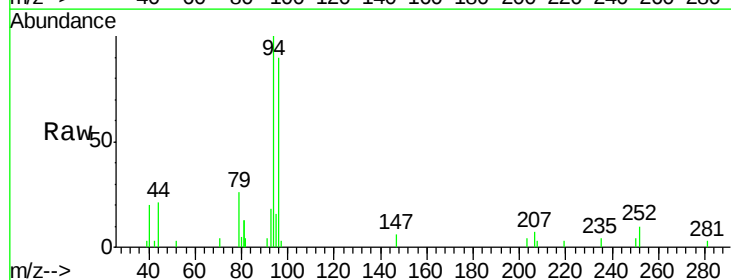
Acq: 25 Sep 2020 16:39

Tgt Ion: 94 Resp: 10788

Ion Ratio Lower Upper

94 100

96 90.3 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.78

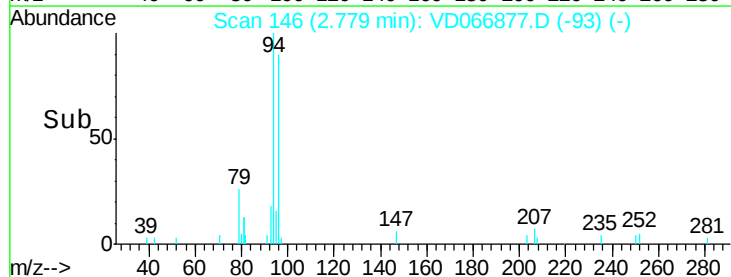
6000

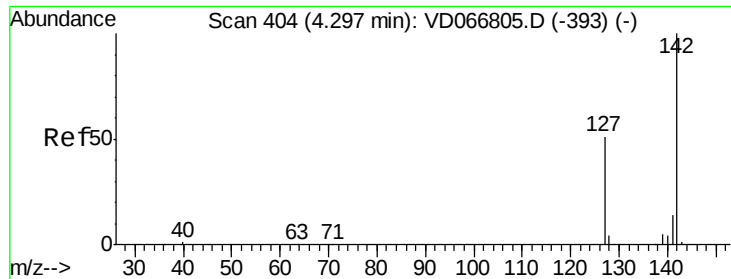
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2000

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Time-->

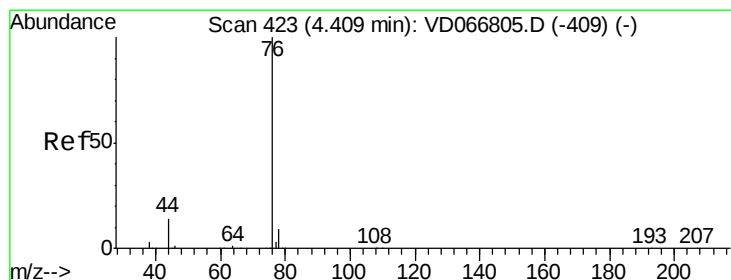
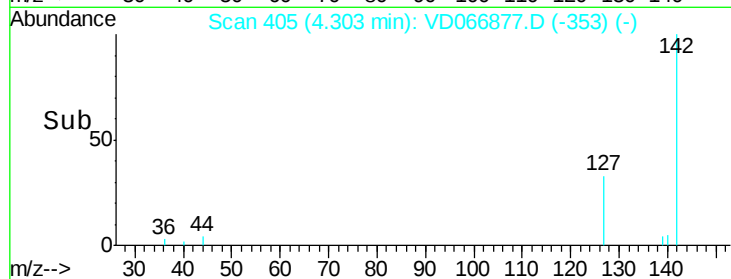
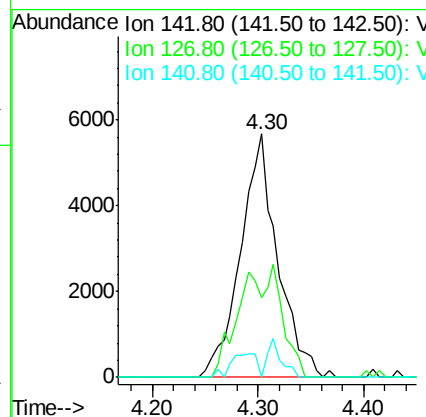
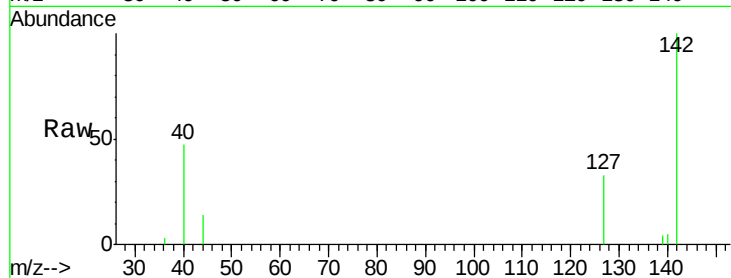




#10
Methyl Iodide
Concen: 3.906 ug/l
RT: 4.30 min Scan# 405
Delta R.T. 0.01 min
Lab File: VD066877.D
Acq: 25 Sep 2020 16:39

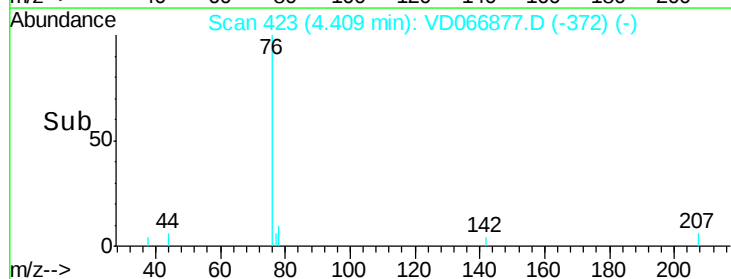
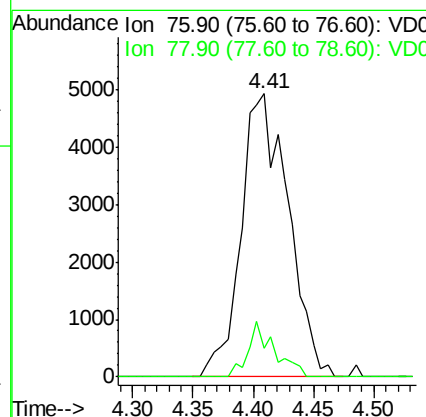
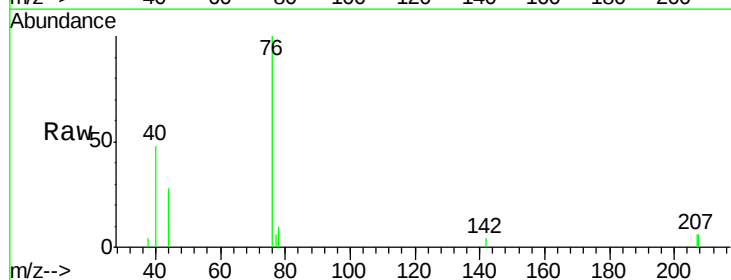
Instrument :
MSVOA_D
ClientSampleId :
TT-028-IDWSO-20200924

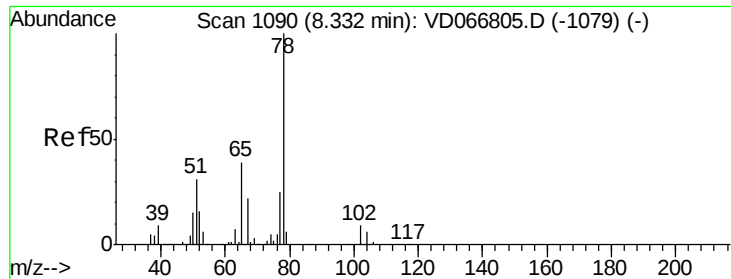
Tot Ion:142 Resp: 13818
Ion Ratio Lower Upper
142 100
127 30.4 39.4 59.0#
141 6.7 12.1 18.1#



#17
Carbon Disulfide
Concen: 1.204 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD066877.D
Acq: 25 Sep 2020 16:39

Tgt Ion: 76 Resp: 13363
Ion Ratio Lower Upper
76 100
78 10.2 7.6 11.4

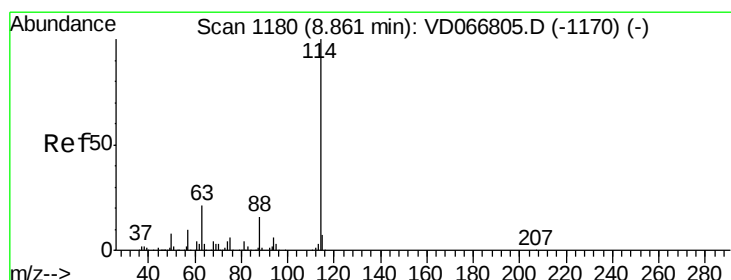
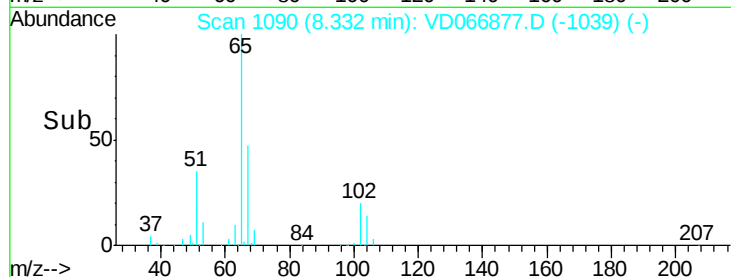
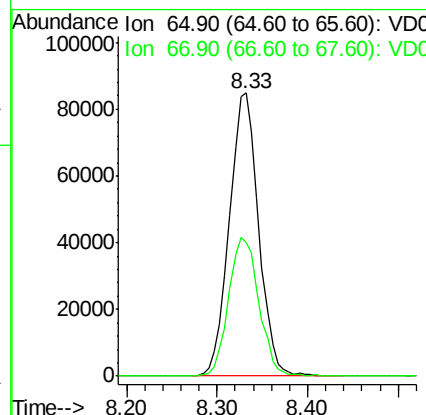
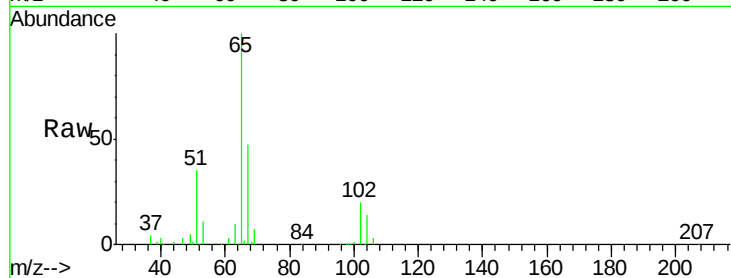




#33
 1,2-Dichloroethane-d4
 Concen: 52.525 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066877.D
 Acq: 25 Sep 2020 16:39

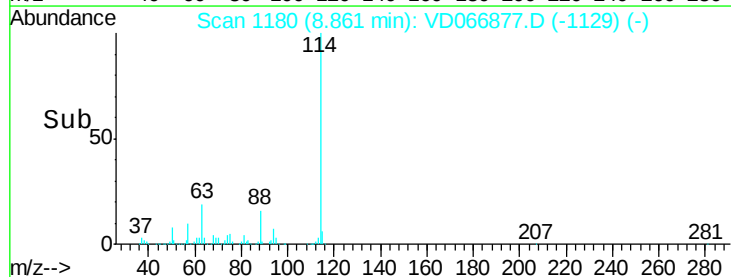
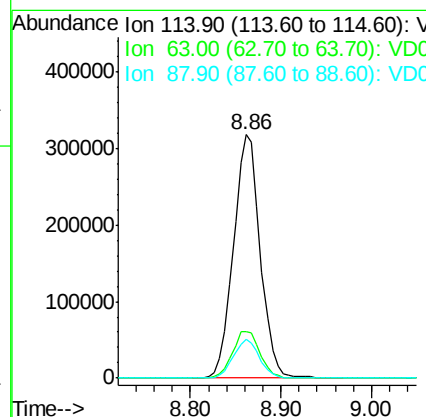
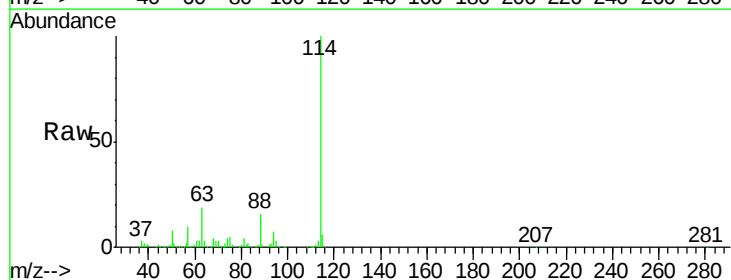
Instrument :
 MSVOA_D
 ClientSampleId :
 TT-028-IDWSO-20200924

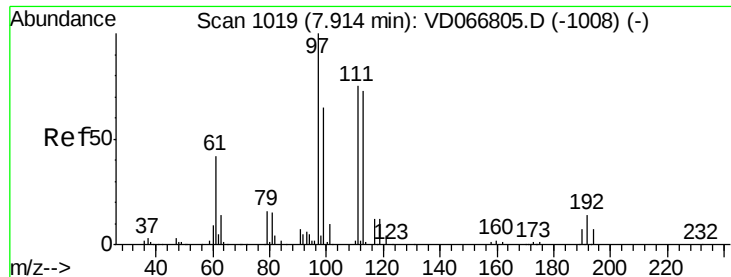
Tot Ion: 65 Resp: 190640
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066877.D
 Acq: 25 Sep 2020 16:39

Tgt Ion: 114 Resp: 651355
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.6
 88 15.8 0.0 32.6

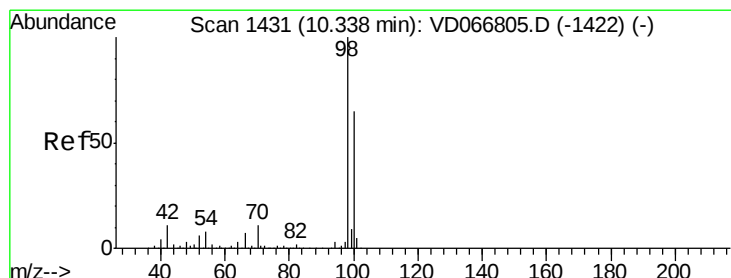
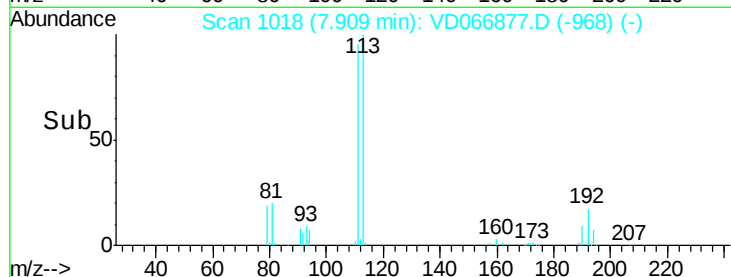
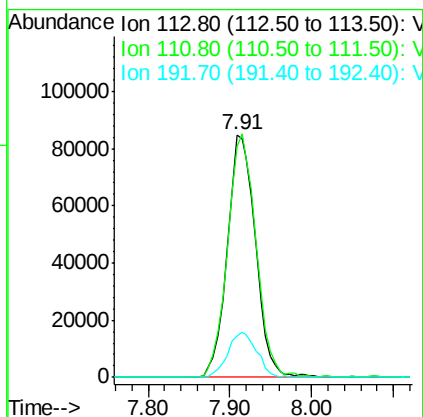
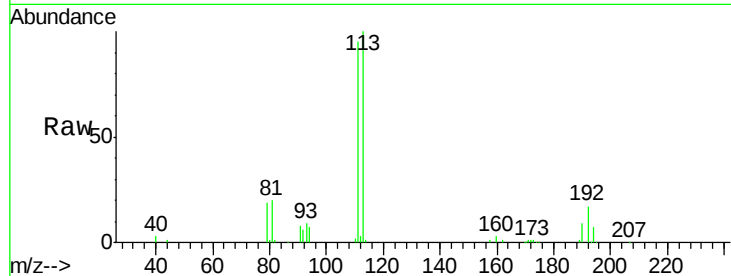




#35
 Dibromofluoromethane
 Concen: 49.086 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066877.D
 Acq: 25 Sep 2020 16:39

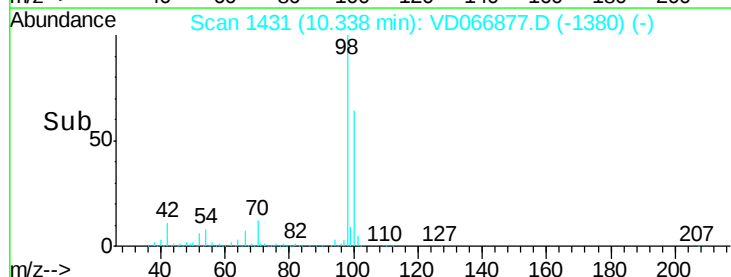
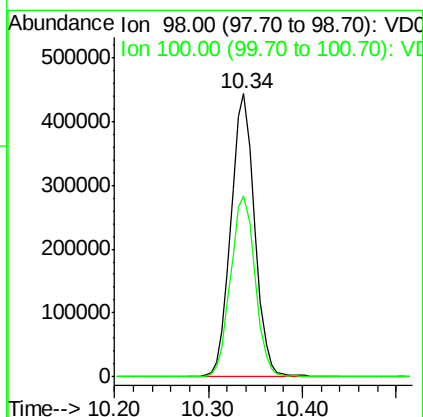
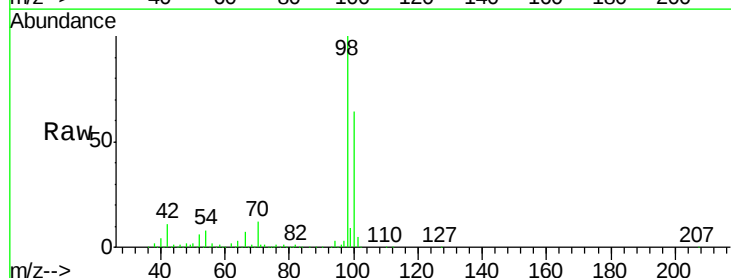
Instrument :
 MSVOA_D
 ClientSampleId :
 TT-028-IDWSO-20200924

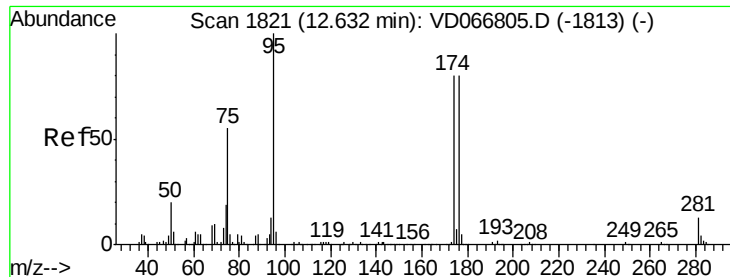
Tot Ion:113 Resp: 203410
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.8 122.8
 192 19.0 14.4 21.6



#50
 Toluene-d8
 Concen: 55.236 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066877.D
 Acq: 25 Sep 2020 16:39

Tgt Ion: 98 Resp: 779874
 Ion Ratio Lower Upper
 98 100
 100 66.1 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 56.759 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066877.D

Acq: 25 Sep 2020 16:39

Instrument :

MSVOA_D

ClientSampleId :

TT-028-IDWSO-20200924

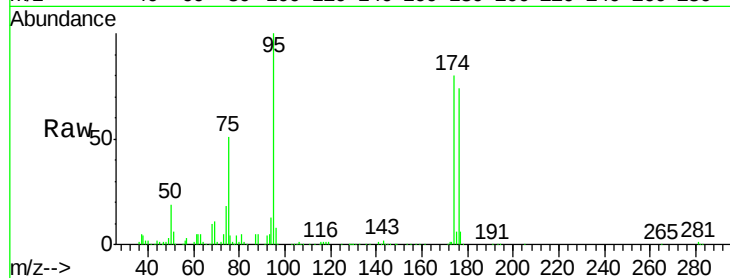
Tot Ion: 95 Resp: 274341

Ion Ratio Lower Upper

95 100

174 78.9 0.0 159.8

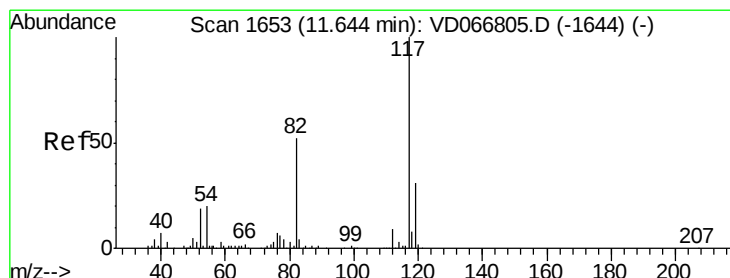
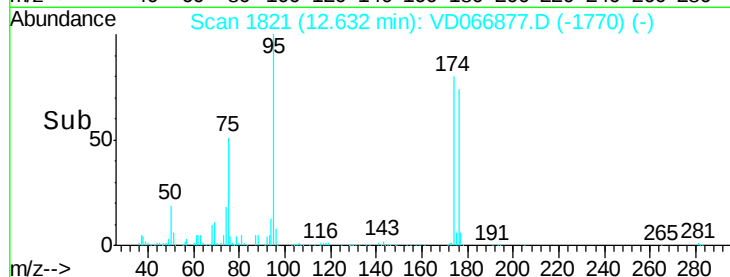
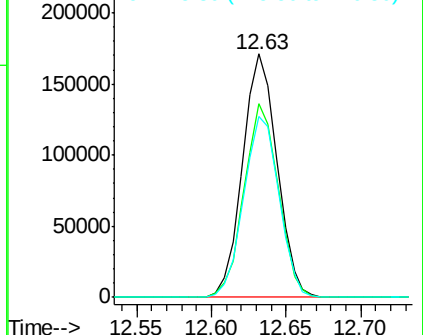
176 75.9 0.0 154.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066877.D

Acq: 25 Sep 2020 16:39

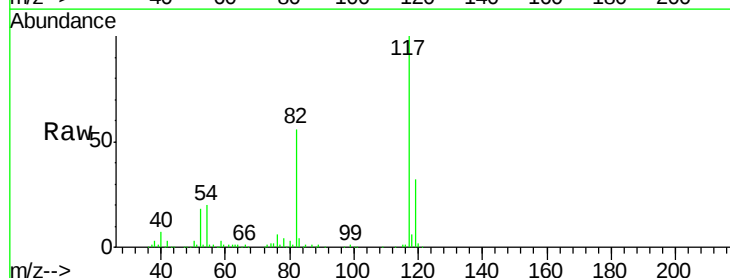
Tgt Ion: 117 Resp: 636320

Ion Ratio Lower Upper

117 100

82 55.9 41.8 62.6

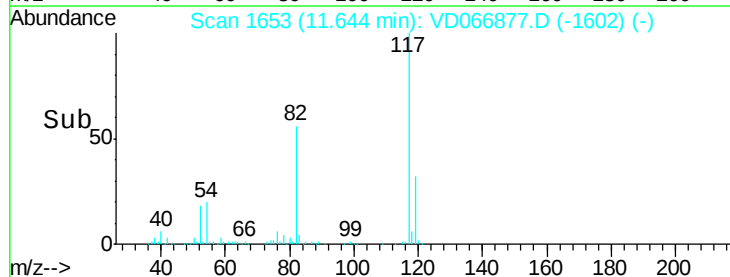
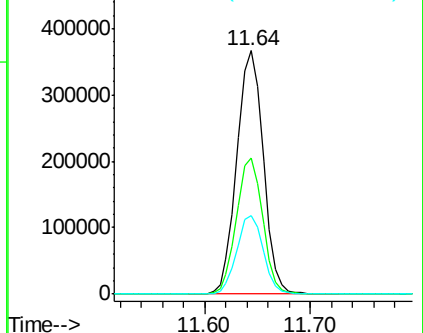
119 32.4 24.6 37.0

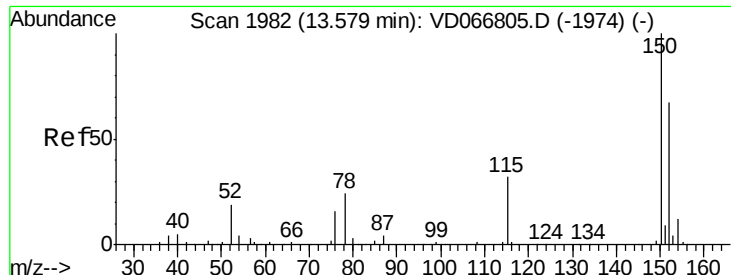


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

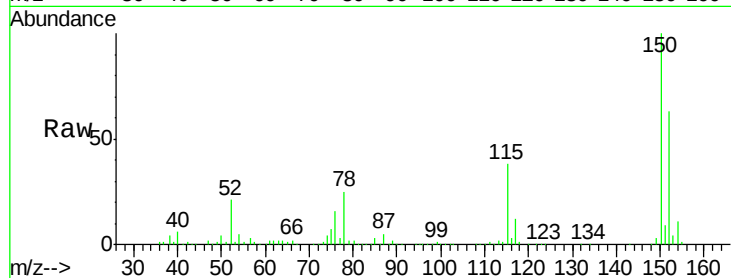




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VD066877.D
 Acq: 25 Sep 2020 16:39

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-028-IDWSO-20200924

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.3	30.3	91.0
150	162.1	0.0	346.2



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

