

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100820\
 Data File : VD067187.D
 Acq On : 08 Oct 2020 11:52
 Operator : VA/SY
 Sample : L4303-21
 Misc : 9.76G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 IDW-20201006

Quant Time: Oct 08 19:20:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

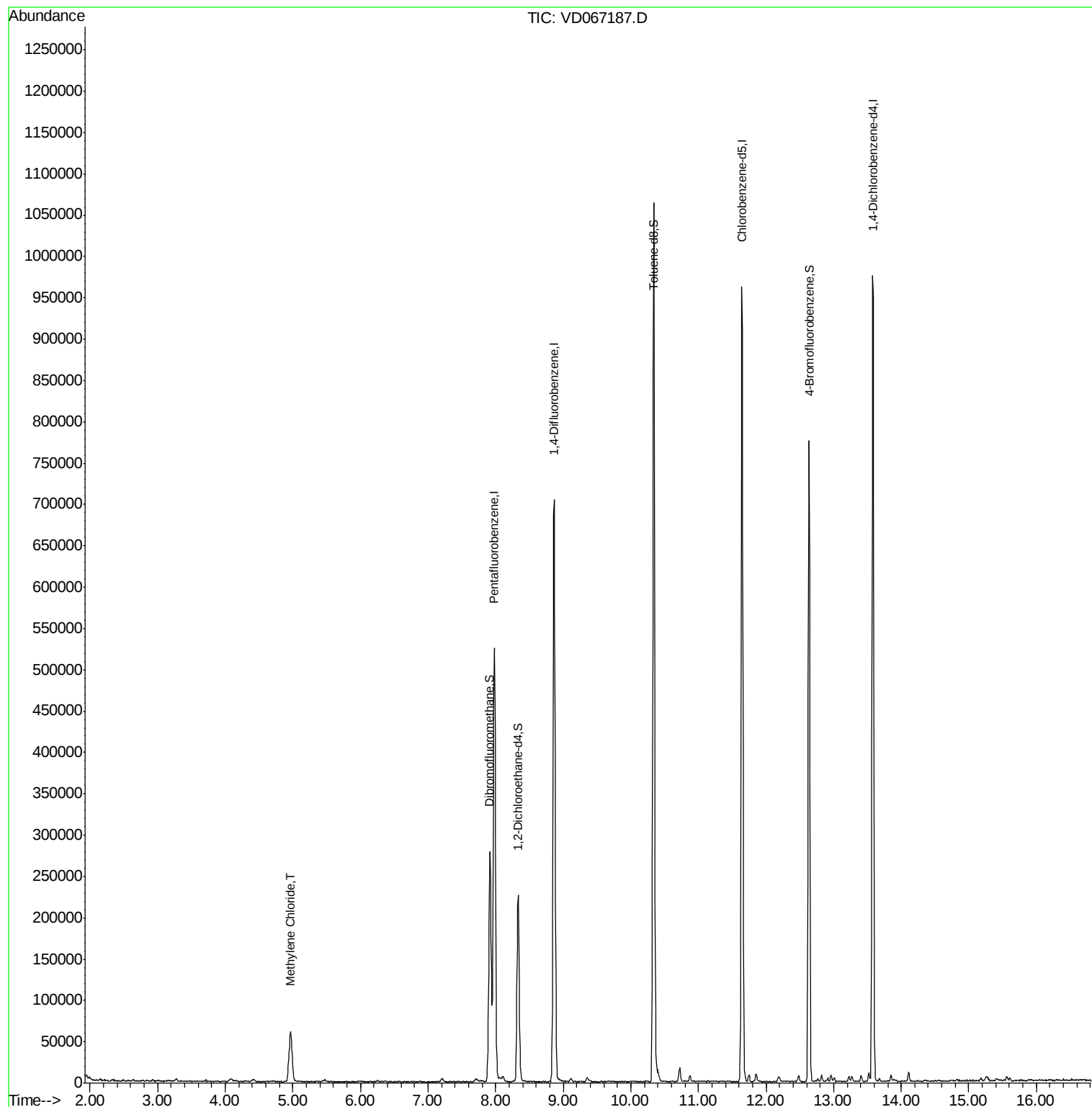
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	394919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	632352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	585182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	272417	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	190282	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
35) Dibromofluoromethane	7.92	113	200772	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	10.34	98	739561	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
62) 4-Bromofluorobenzene	12.64	95	246568	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
Target Compounds						
20) Methylene Chloride	4.97	84	52233	6.321	ug/l	Qvalue 96

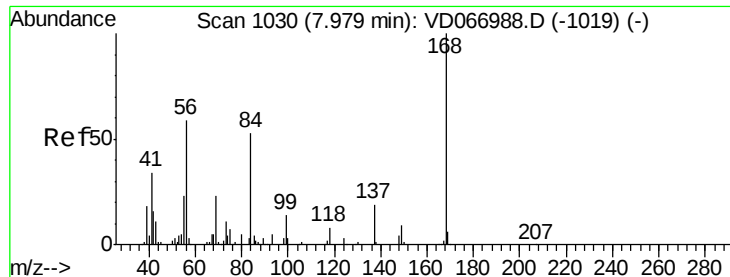
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100820\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067187.D

Acq: 08 Oct 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

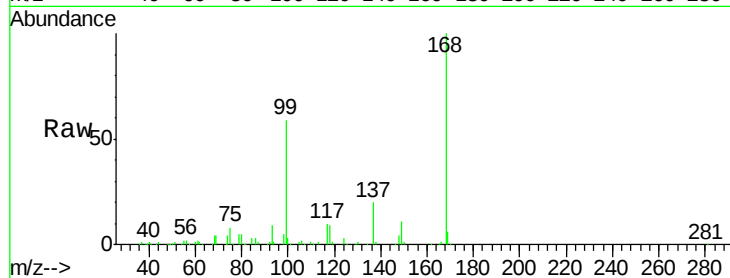
IDW-20201006

Tot Ion:168 Resp: 394919

Ion Ratio Lower Upper

168 100

99 58.6 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

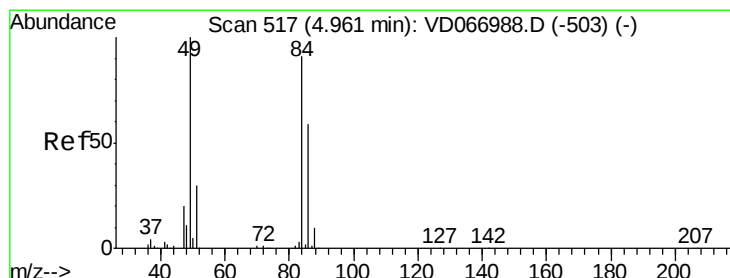
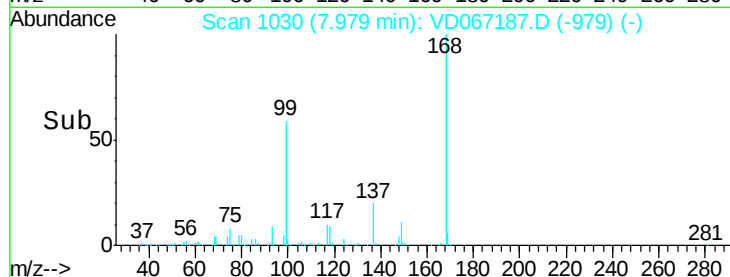
150000

100000

50000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#20

Methylene Chloride

Concen: 6.321 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067187.D

Acq: 08 Oct 2020 11:52

Tgt Ion: 84 Resp: 52233

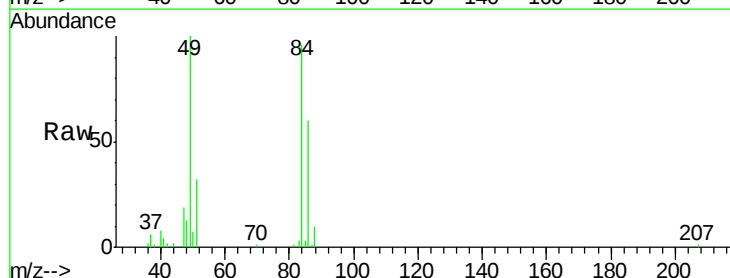
Ion Ratio Lower Upper

84 100

49 104.2 88.2 132.2

51 33.1 26.6 39.8

86 62.9 52.1 78.1



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

25000

20000

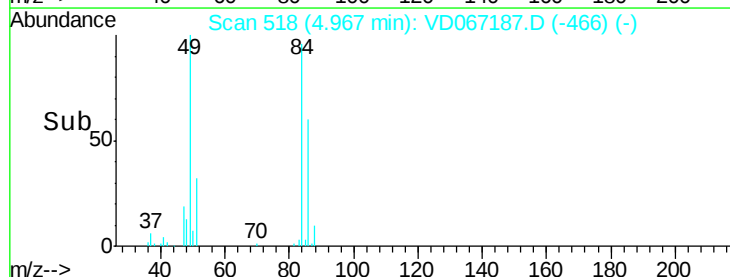
15000

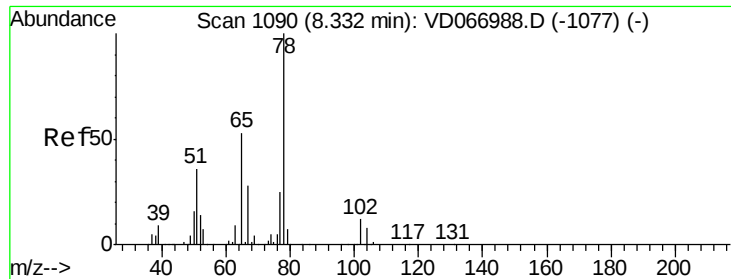
10000

5000

0

Time--> 4.90 4.95 5.00 5.05 5.10





#33

1,2-Dichloroethane-d4

Concen: 50.024 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067187.D

Acq: 08 Oct 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

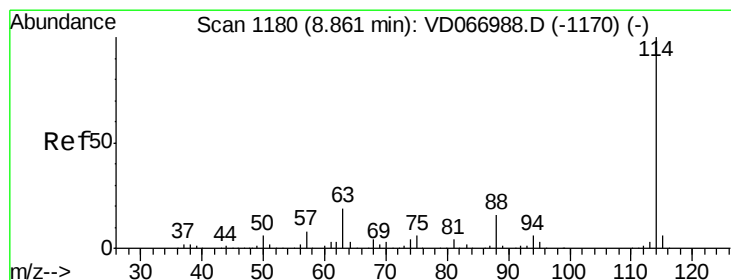
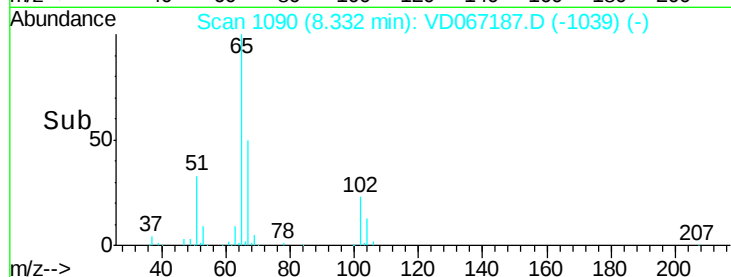
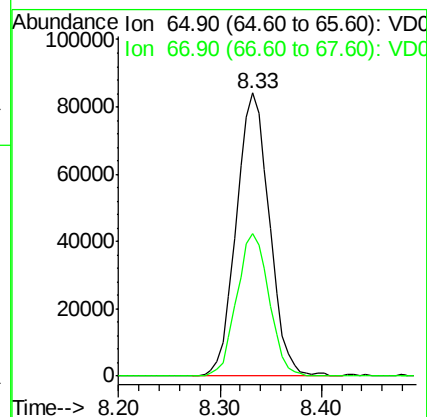
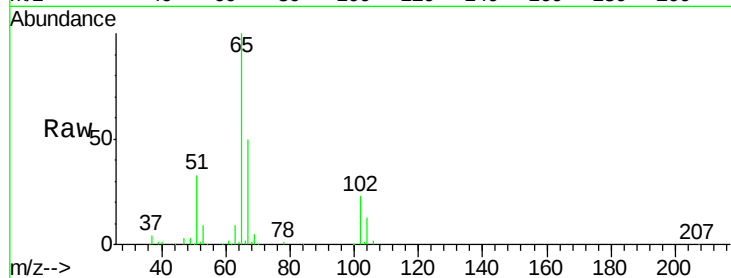
IDW-20201006

Tot Ion: 65 Resp: 190282

Ion Ratio Lower Upper

65 100

67 49.4 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VD067187.D

Acq: 08 Oct 2020 11:52

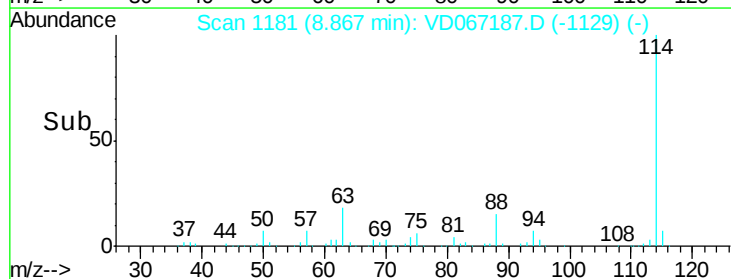
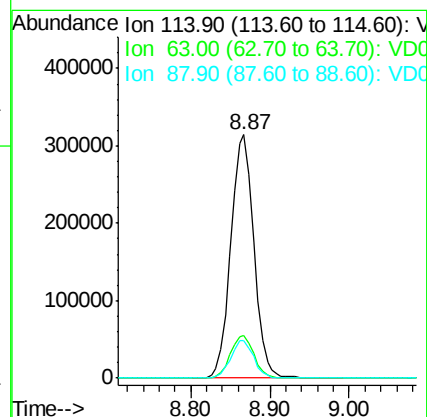
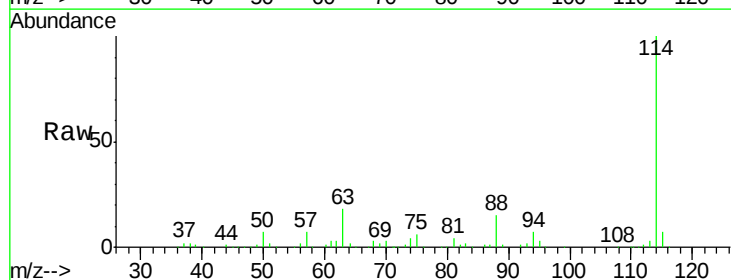
Tgt Ion: 114 Resp: 632352

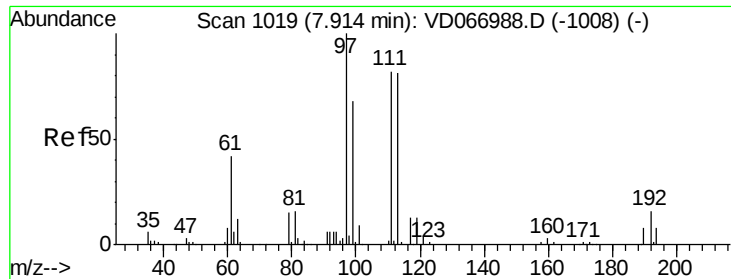
Ion Ratio Lower Upper

114 100

63 17.5 0.0 38.4

88 15.5 0.0 31.2

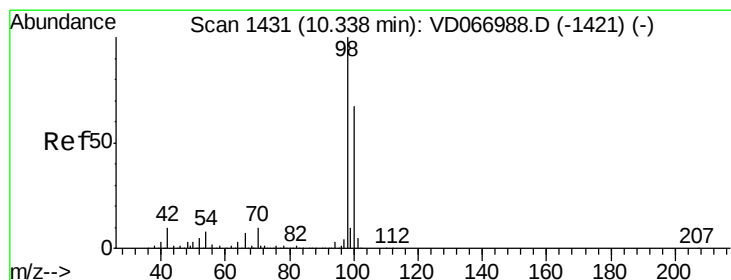
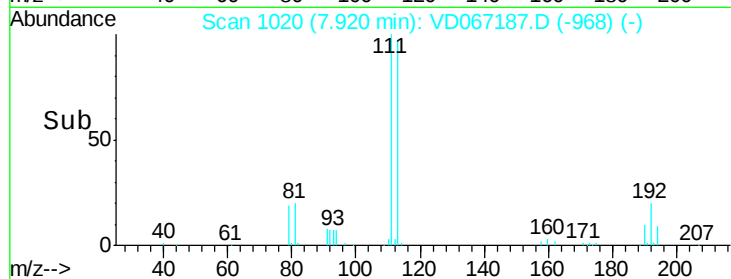
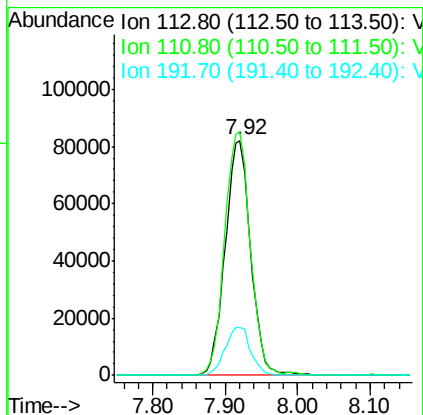
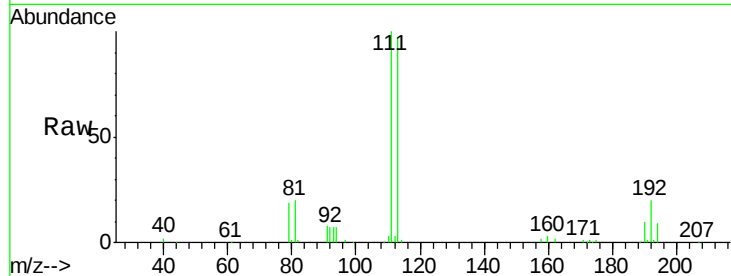




#35
 Dibromofluoromethane
 Concen: 48.497 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067187.D
 Acq: 08 Oct 2020 11:52

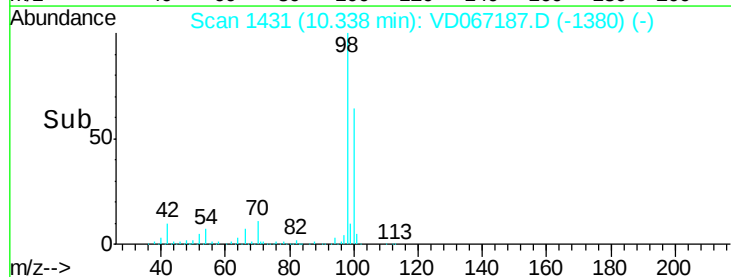
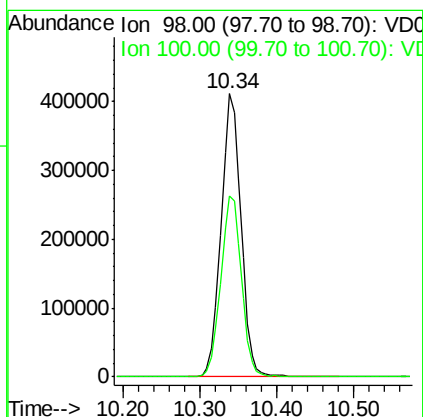
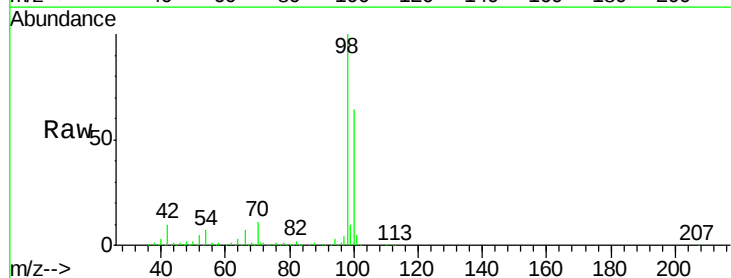
Instrument :
 MSVOA_D
 ClientSampleId :
 IDW-20201006

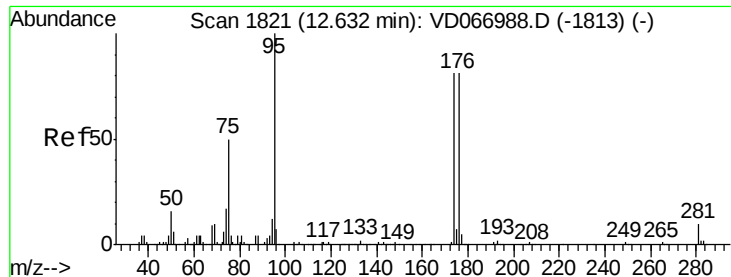
Tot Ion:113 Resp: 200772
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.0 124.4
 192 20.3 15.5 23.3



#50
 Toluene-d8
 Concen: 49.025 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD067187.D
 Acq: 08 Oct 2020 11:52

Tgt Ion: 98 Resp: 739561
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.8 79.2

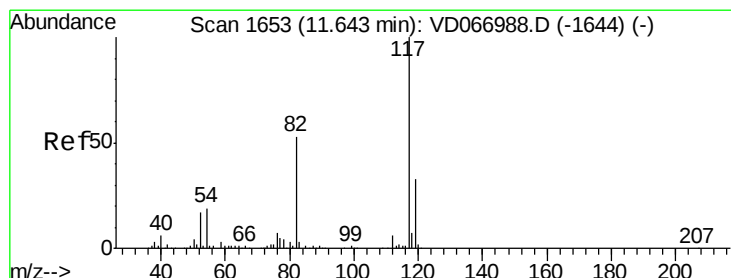
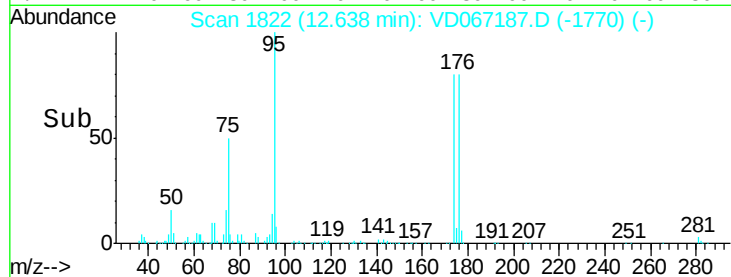
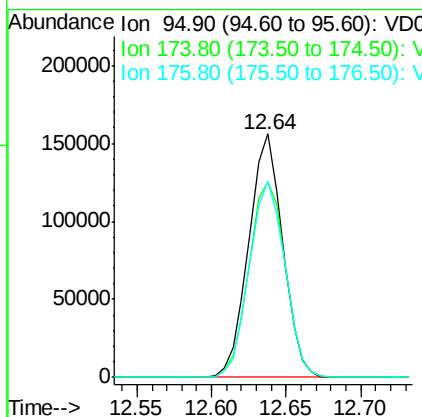
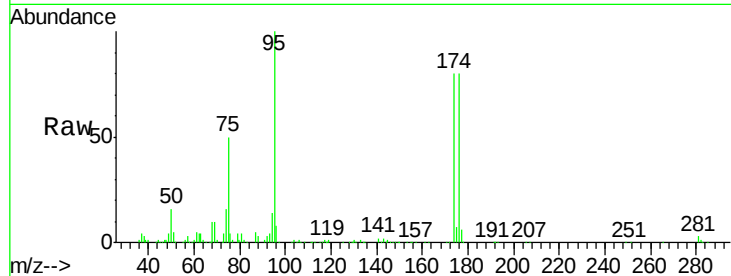




#62
4-Bromofluorobenzene
Concen: 48.148 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067187.D
Acq: 08 Oct 2020 11:52

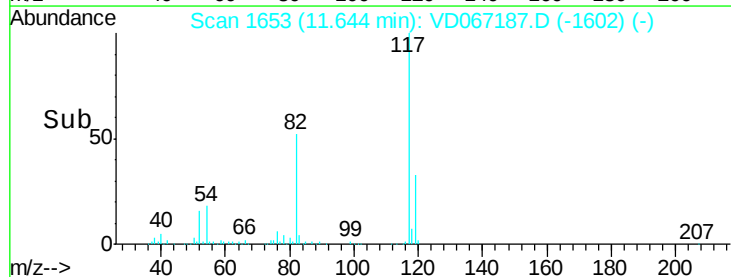
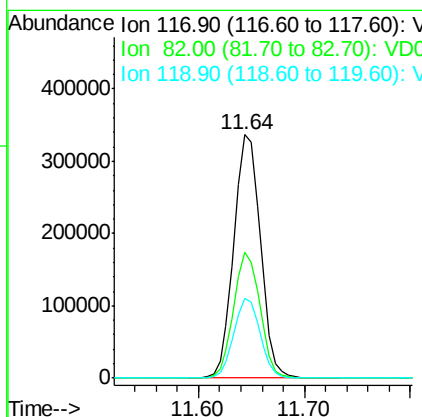
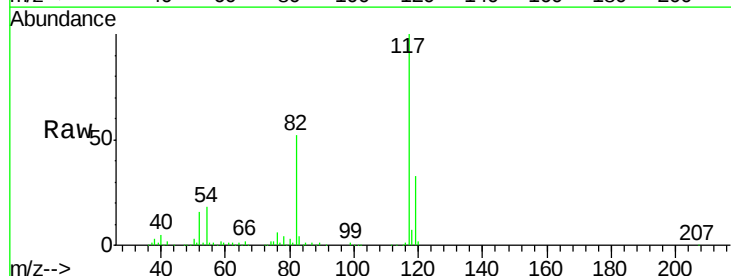
Instrument :
MSVOA_D
ClientSampleId :
IDW-20201006

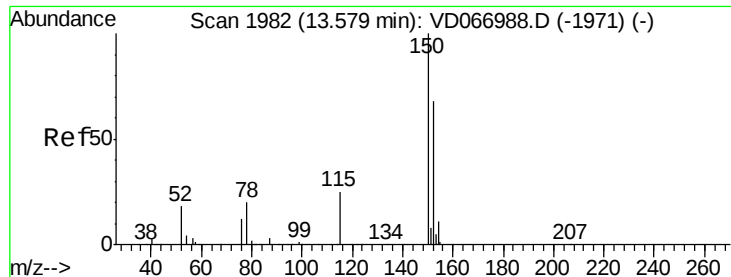
Tot Ion	95	Resp	246568
Ion Ratio	100	Lower	Upper
174	86.1	0.0	167.6
176	84.3	0.0	162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067187.D
Acq: 08 Oct 2020 11:52

Tgt Ion	117	Resp	585182
Ion Ratio	100	Lower	Upper
82	51.5	42.6	63.8
119	32.6	26.3	39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067187.D

Acq: 08 Oct 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

IDW-20201006

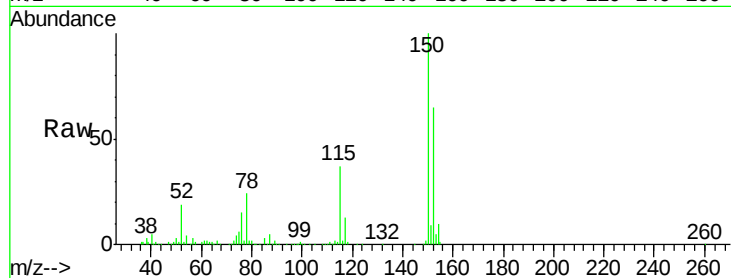
Tot Ion:152 Resp: 272417

Ion Ratio Lower Upper

152 100

115 59.5 29.6 88.8

150 157.9 0.0 344.8



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

