

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066958.D
 Acq On : 30 Sep 2020 01:27
 Operator : VA/SY
 Sample : L4179-05
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-10(4-5)

Quant Time: Sep 30 04:56:40 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

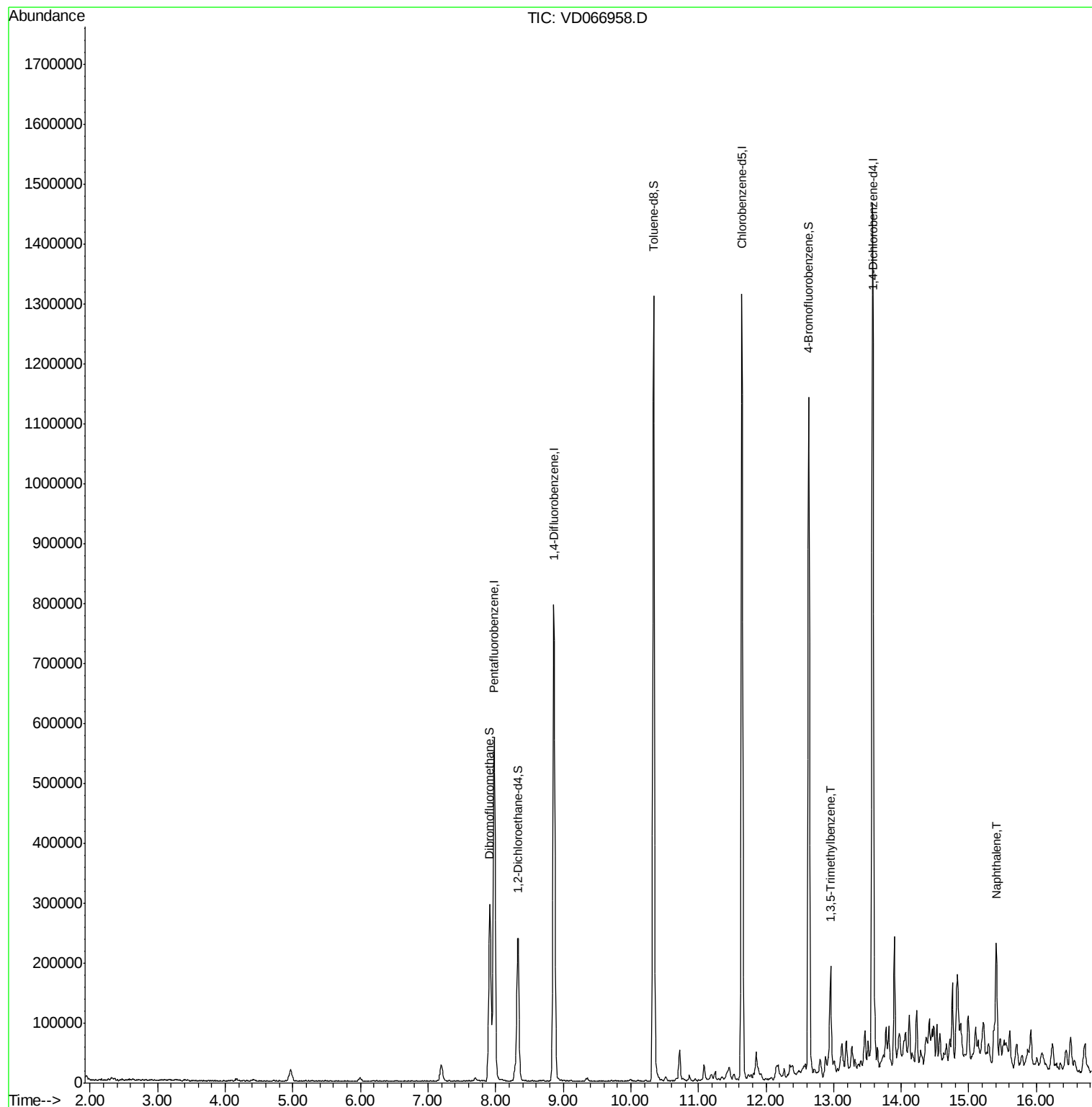
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	419218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	702454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	770705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	383571	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	195291	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
35) Dibromofluoromethane	7.91	113	217454	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
50) Toluene-d8	10.34	98	858890	56.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.82%	
62) 4-Bromofluorobenzene	12.63	95	355405	68.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	136.36%	
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.96	105	27748	1.180	ug/l	95
95) Naphthalene	15.41	128	177228	15.139	ug/l	97

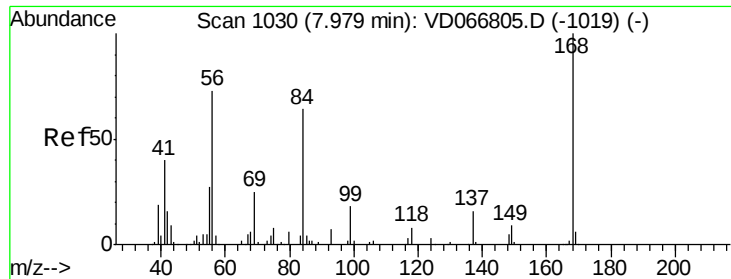
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066958.D

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Instrument :

MSVOA_D

ClientSampleId :

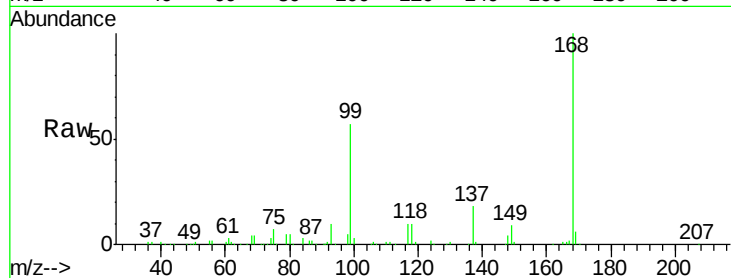
B-10(4-5)

Tot Ion:168 Resp: 419218

Ion Ratio Lower Upper

168 100

99 57.5 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

200000

150000

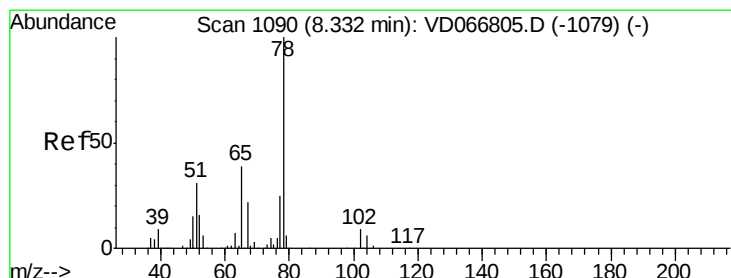
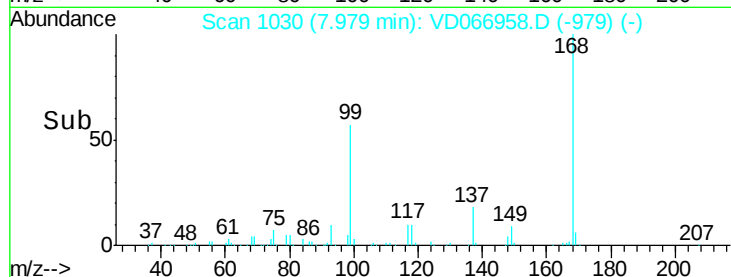
100000

50000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 47.596 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066958.D

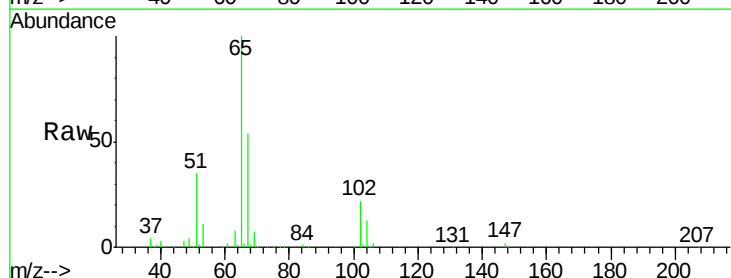
Acq: 30 Sep 2020 01:27

Tgt Ion: 65 Resp: 195291

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

60000

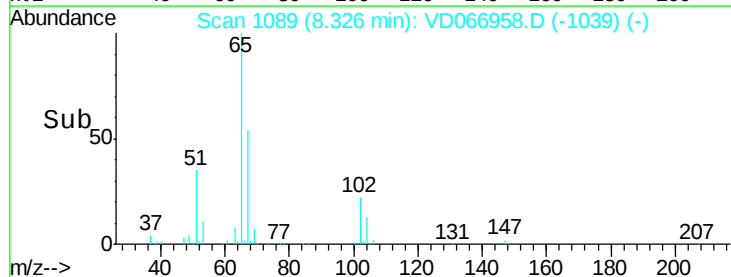
40000

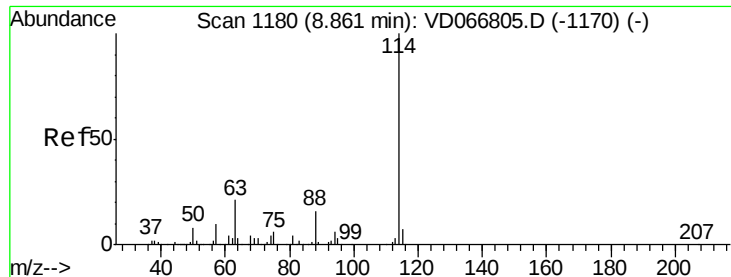
20000

0

Time-->

8.20 8.30 8.40

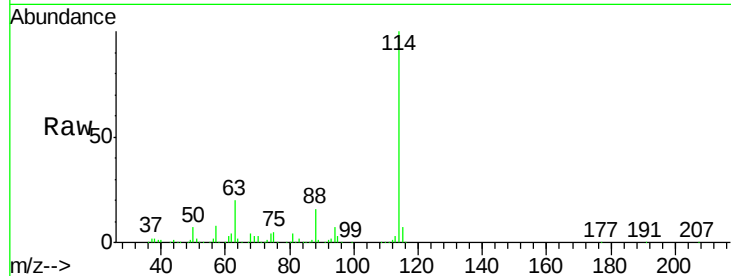




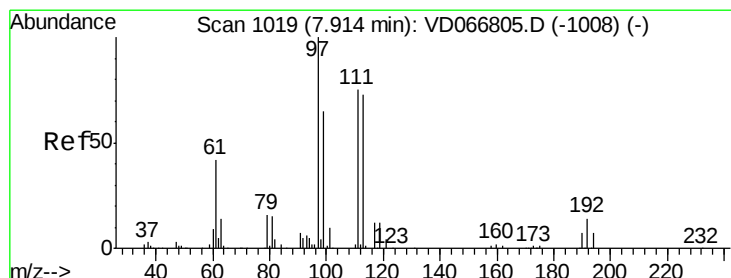
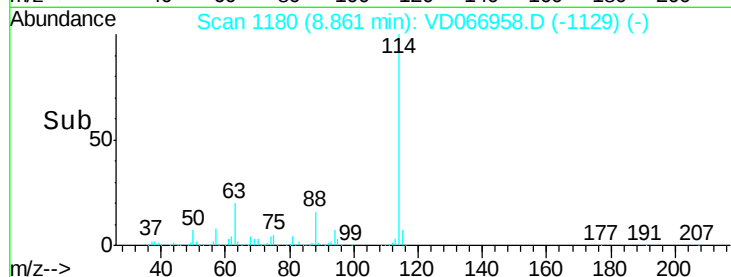
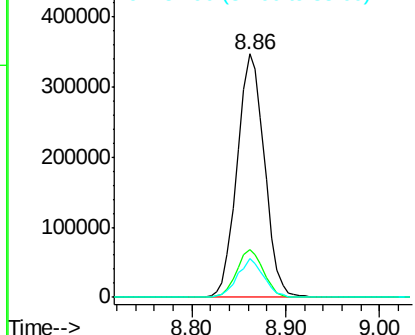
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066958.D
 Acq: 30 Sep 2020 01:27

Instrument :
 MSVOA_D
 ClientSampleId :
 B-10(4-5)

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	42.6
88	15.7	0.0	32.6

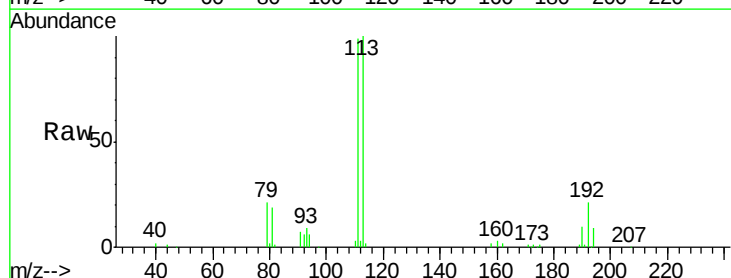


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

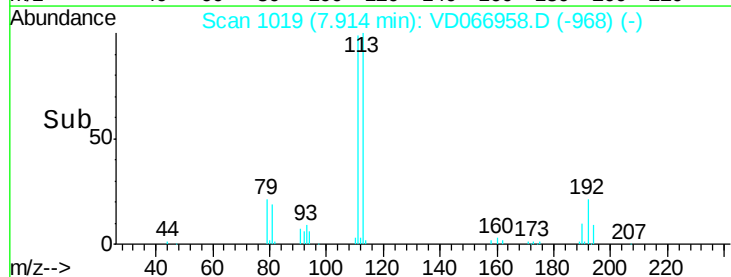
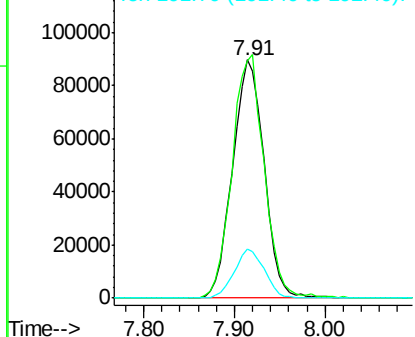


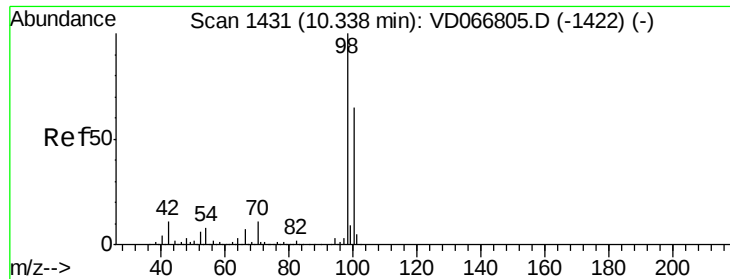
#35
 Dibromofluoromethane
 Concen: 48.658 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066958.D
 Acq: 30 Sep 2020 01:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.8	122.8
192	19.7	14.4	21.6



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: 56.407 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066958.D

Acq: 30 Sep 2020 01:27

Instrument :

MSVOA_D

ClientSampled :

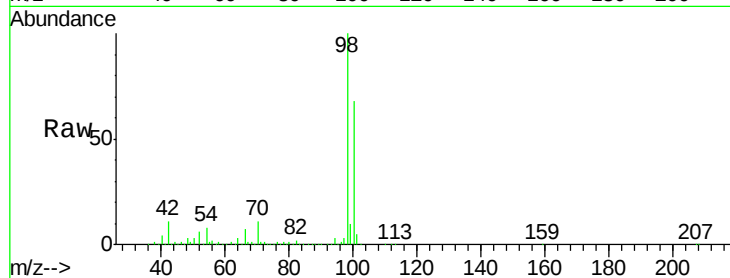
B-10(4-5)

Tot Ion: 98 Resp: 858890

Ion Ratio Lower Upper

98 100

100 66.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VD066958.D (-1380) (-)

Ion 100.00 (99.70 to 100.70): VD066958.D (-1380) (-)

10.34

500000

400000

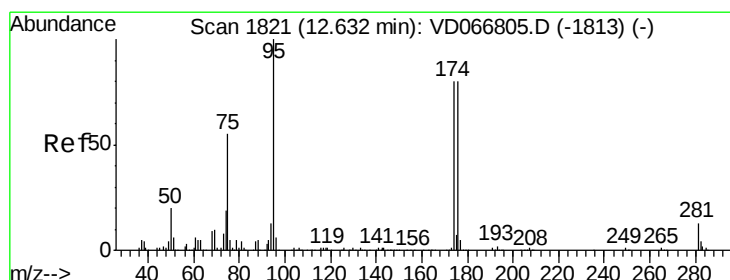
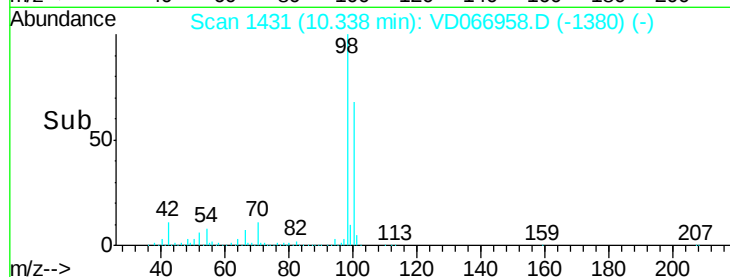
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 68.181 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066958.D

Acq: 30 Sep 2020 01:27

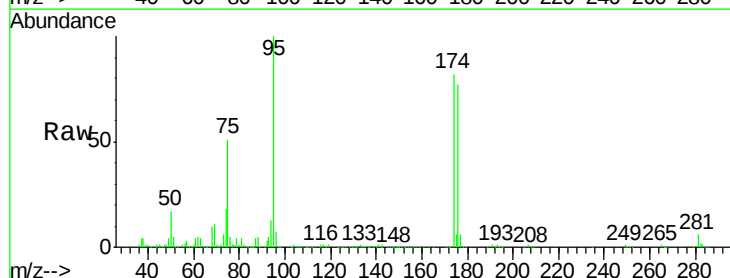
Tgt Ion: 95 Resp: 355405

Ion Ratio Lower Upper

95 100

174 81.3 0.0 159.8

176 78.5 0.0 154.4



Abundance Ion 94.90 (94.60 to 95.60): VD066958.D (-1770) (-)

Ion 173.80 (173.50 to 174.50): VD066958.D (-1770) (-)

Ion 175.80 (175.50 to 176.50): VD066958.D (-1770) (-)

12.63

300000

250000

200000

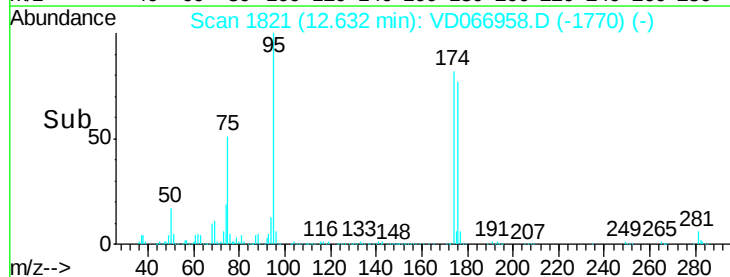
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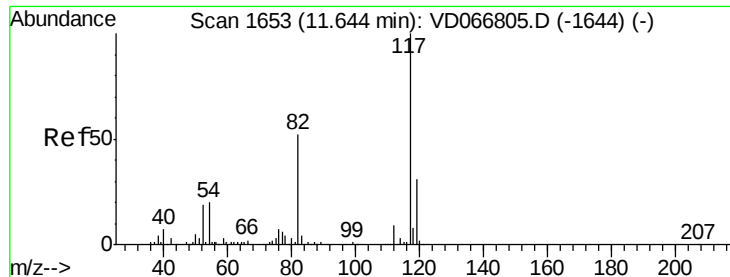
100000

50000

0

Time--> 12.50 12.60 12.70

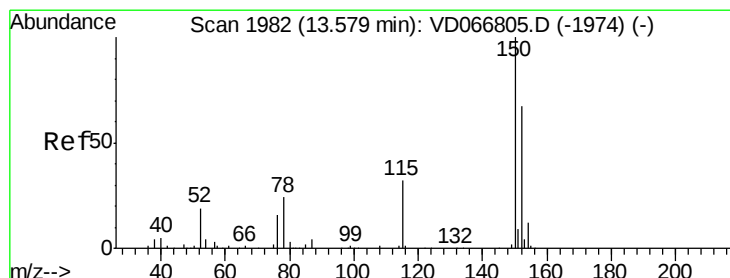
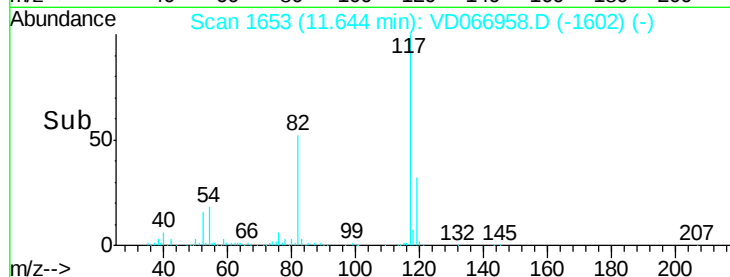
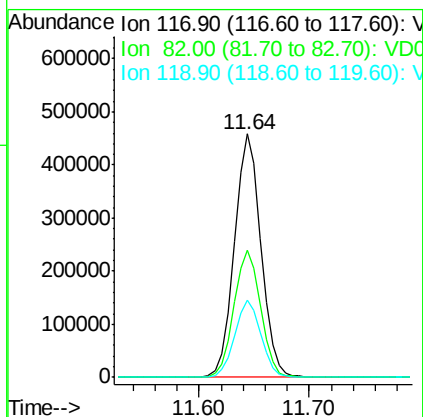
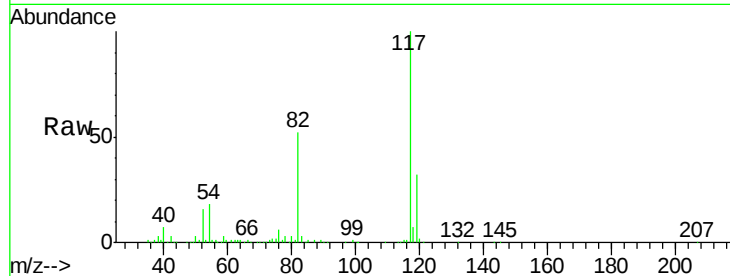




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066958.D
Acq: 30 Sep 2020 01:27

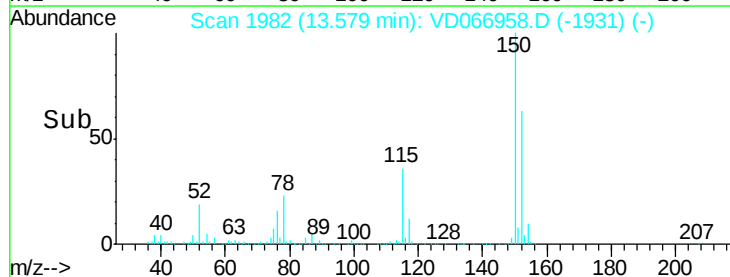
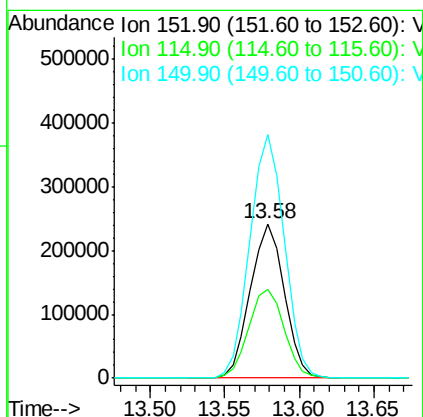
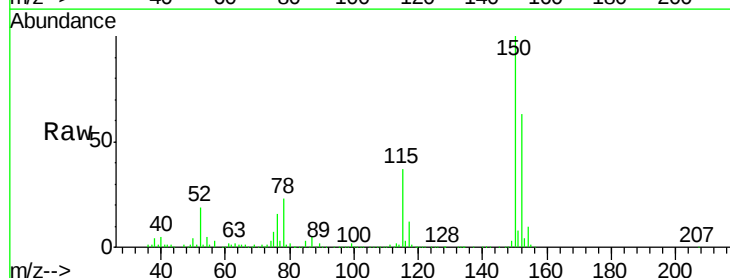
Instrument :
MSVOA_D
ClientSampleId :
B-10(4-5)

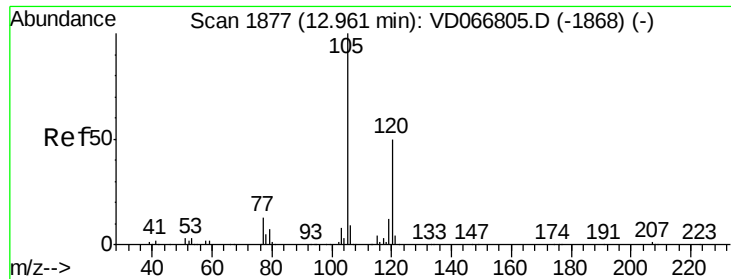
Tot Ion:117 Resp: 770705
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.6
119 31.7 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066958.D
Acq: 30 Sep 2020 01:27

Tgt Ion:152 Resp: 383571
Ion Ratio Lower Upper
152 100
115 60.2 30.3 91.0
150 159.0 0.0 346.2





#80

1,3,5-Trimethylbenzene

Concen: 1.180 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066958.D

Acq: 30 Sep 2020 01:27

Instrument :

MSVOA_D

ClientSampleId :

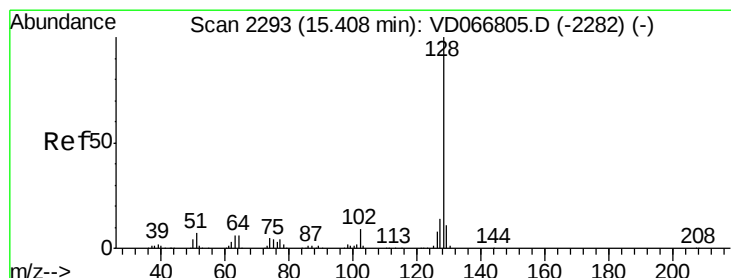
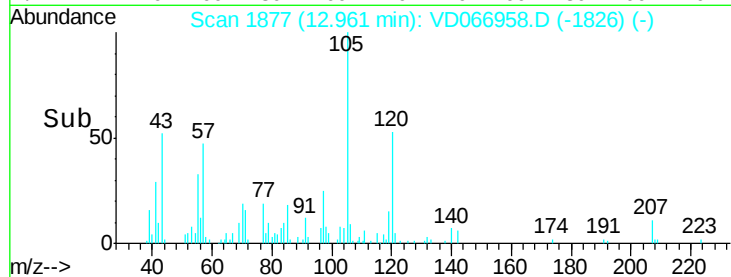
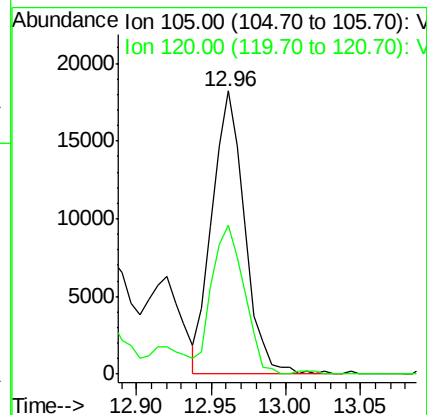
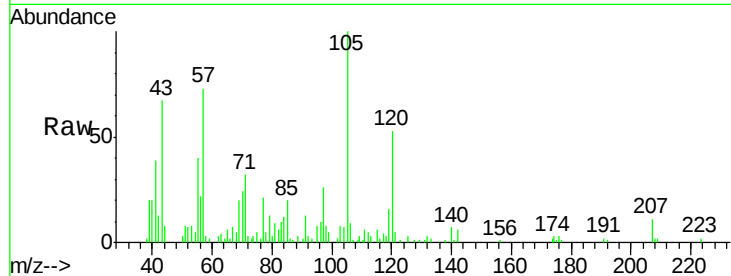
B-10(4-5)

Tot Ion:105 Resp: 27748

Ion Ratio Lower Upper

105 100

120 52.5 24.4 73.4



#95

Naphthalene

Concen: 15.139 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066958.D

Acq: 30 Sep 2020 01:27

Tgt Ion:128 Resp: 177228

Ion Ratio Lower Upper

128 100

127 14.3 10.6 16.0

129 12.7 8.9 13.3

