

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092320\
 Data File : VD066832.D
 Acq On : 23 Sep 2020 14:06
 Operator : VA/SY
 Sample : L4106-01
 Misc : 8.17G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GLOUCESTER-SP

Quant Time: Sep 23 16:12:47 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

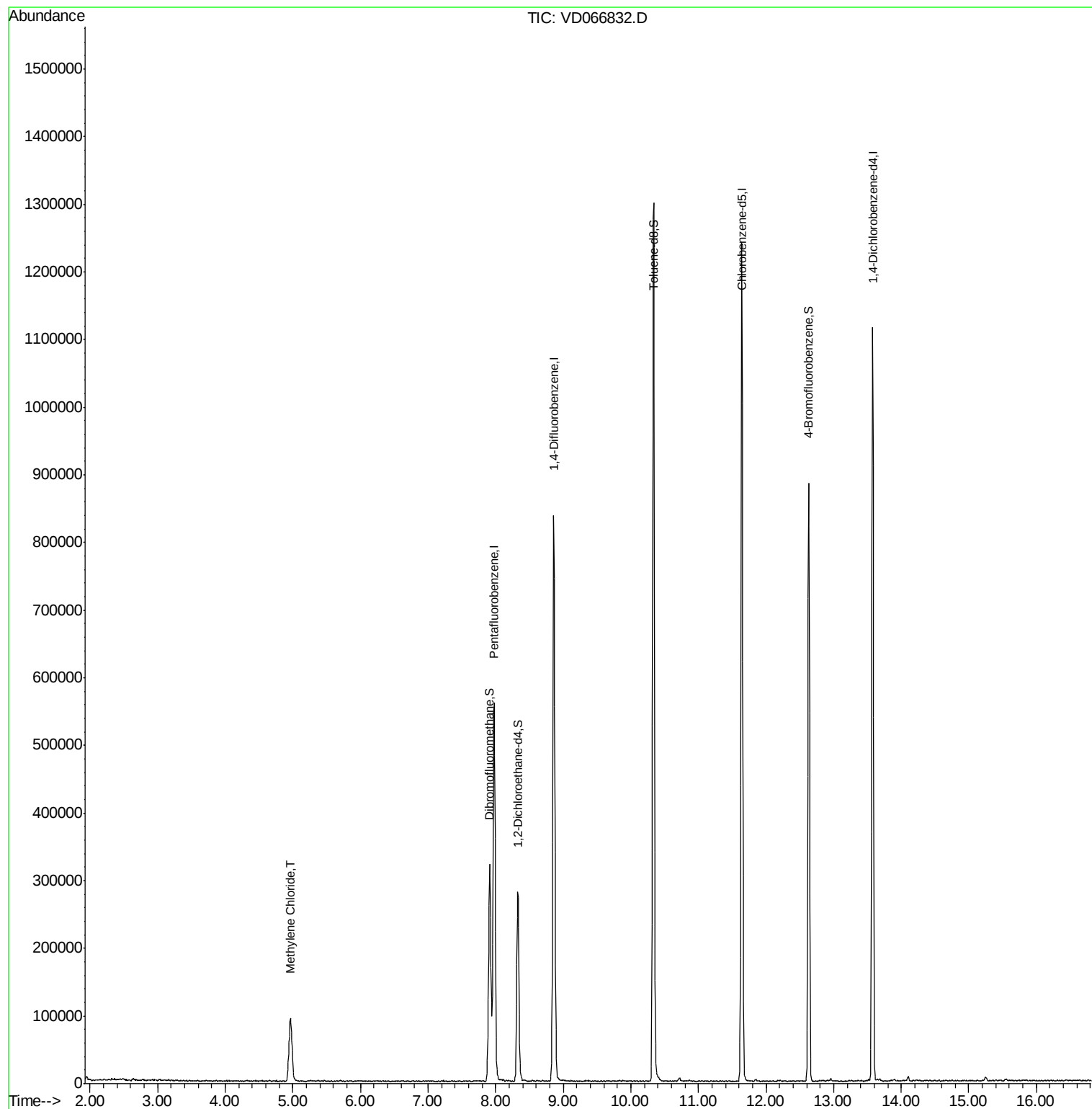
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	397103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	725088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	715158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	298752	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	225197	57.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.88%	
35) Dibromofluoromethane	7.91	113	236105	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
50) Toluene-d8	10.34	98	890031	56.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.26%	
62) 4-Bromofluorobenzene	12.63	95	289412	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.58%	
Target Compounds						
20) Methylene Chloride	4.96	84	73391	12.078	ug/l	Qvalue 96

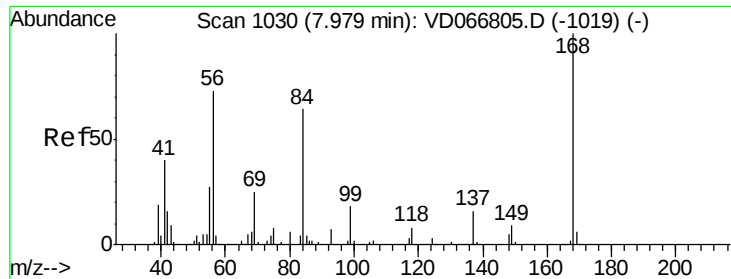
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066832.D

Acq: 23 Sep 2020 14:06

Instrument :

MSVOA_D

ClientSampleId :

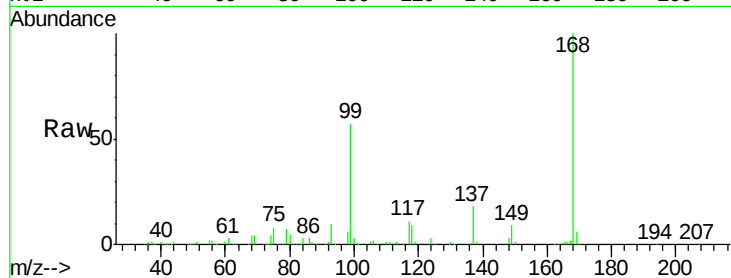
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Tot Ion:168 Resp: 397103

Ion Ratio Lower Upper

168 100

99 57.4 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

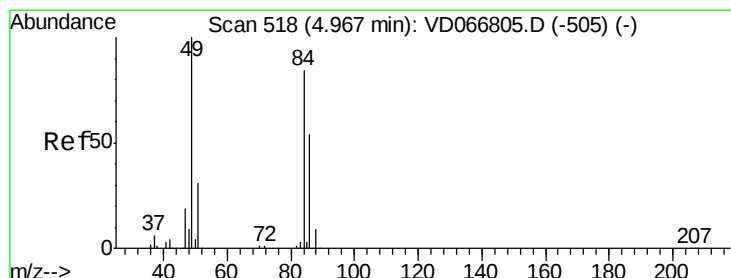
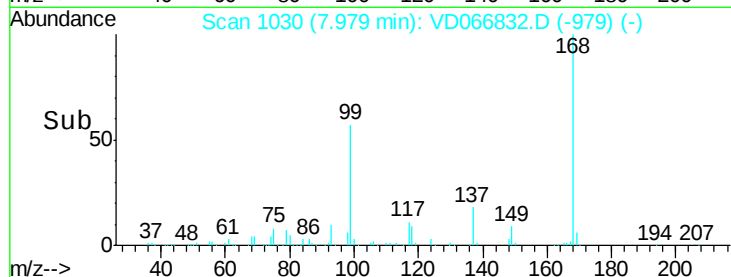
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 12.078 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066832.D

Acq: 23 Sep 2020 14:06

Tgt Ion: 84 Resp: 73391

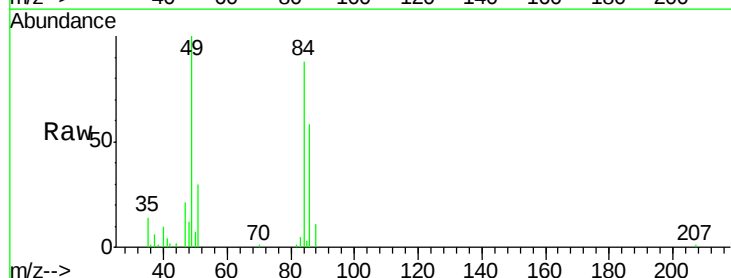
Ion Ratio Lower Upper

84 100

49 113.1 95.4 143.2

51 34.5 29.7 44.5

86 65.5 51.4 77.2



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

40000

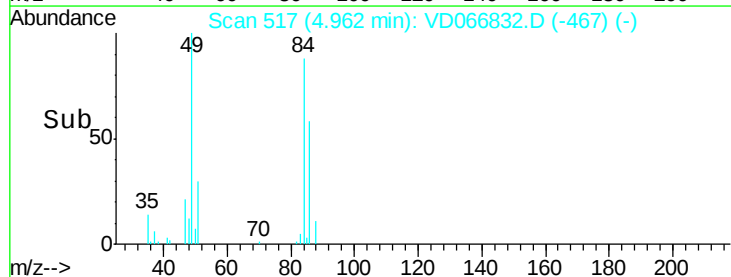
30000

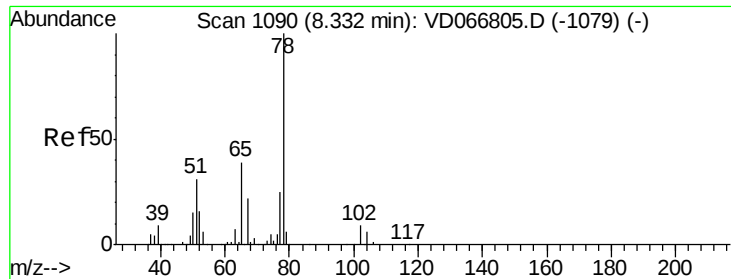
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10000

0

Time-->

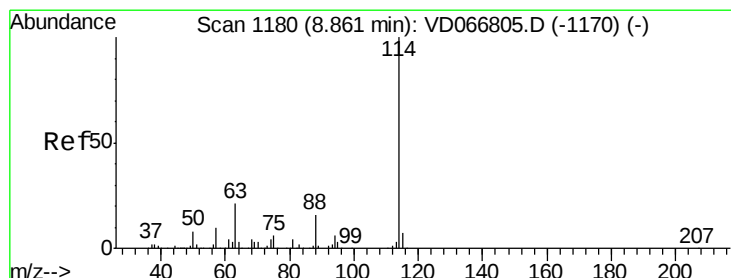
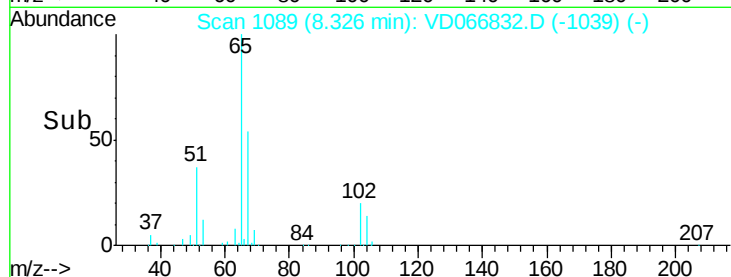
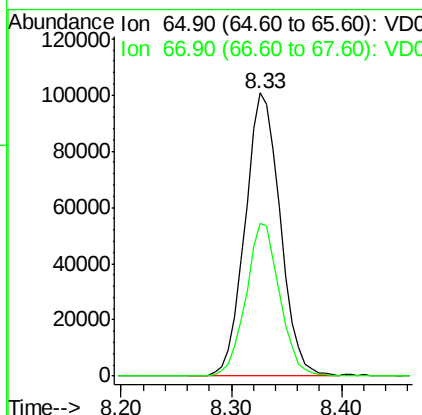
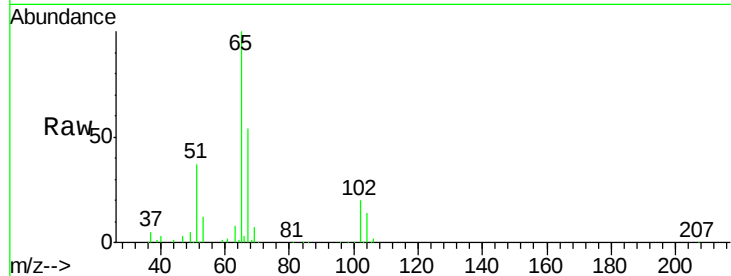




#33
 1,2-Dichloroethane-d4
 Concen: 57.941 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066832.D
 Acq: 23 Sep 2020 14:06

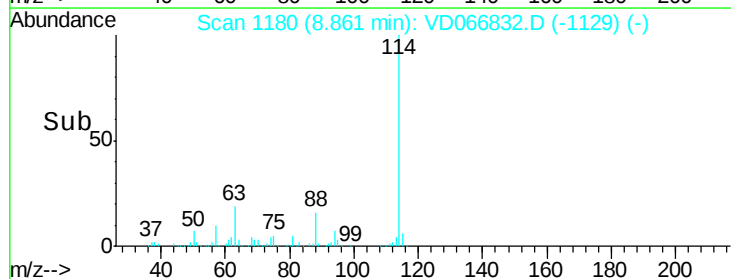
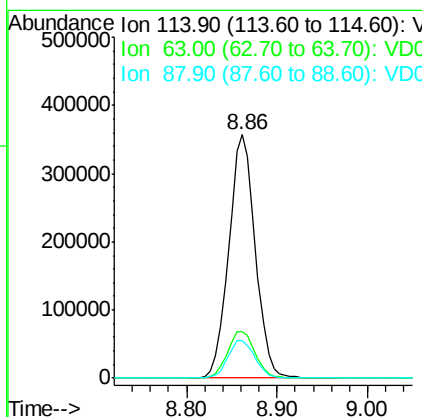
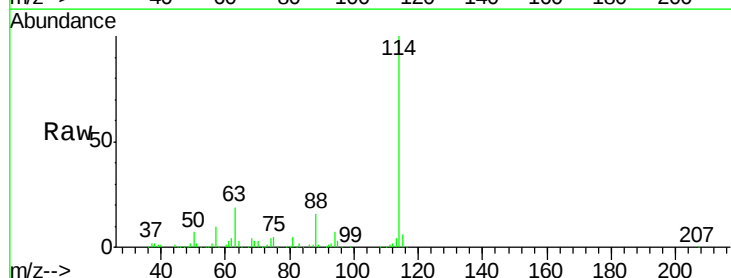
Instrument :
 MSVOA_D
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 GLOUCESTER-SP

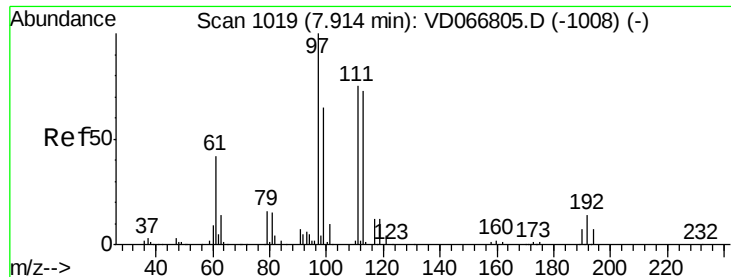
Tot Ion: 65 Resp: 225197
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066832.D
 Acq: 23 Sep 2020 14:06

Tgt Ion: 114 Resp: 725088
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 42.6
 88 15.6 0.0 32.6

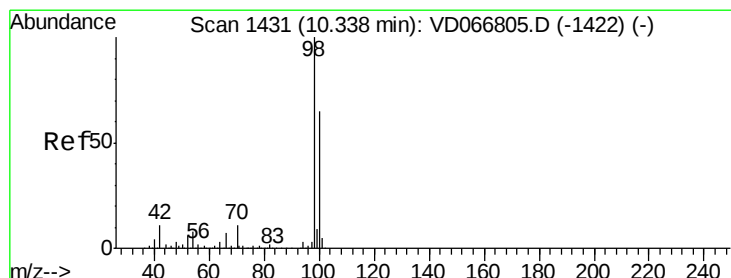
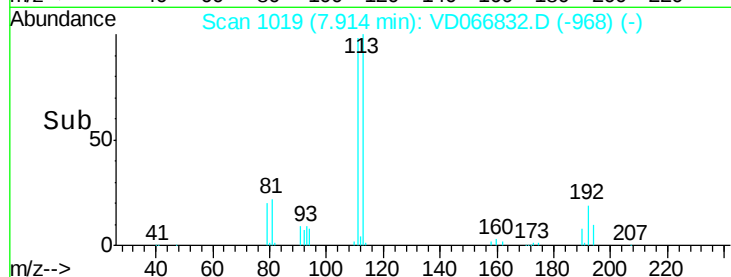
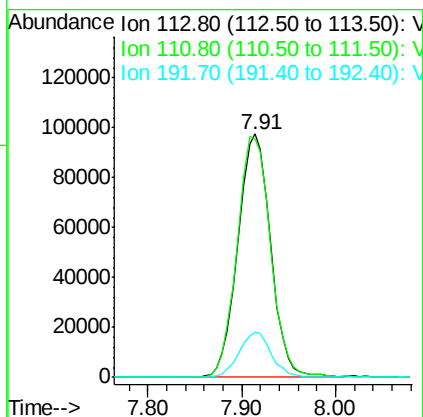
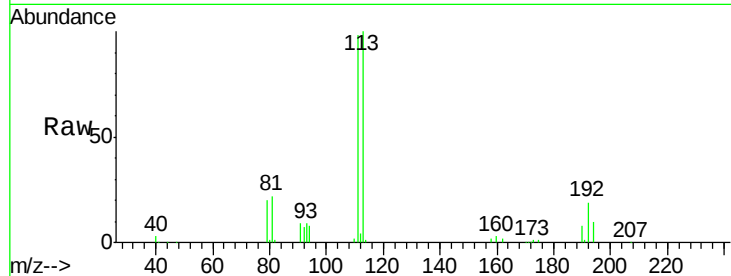




#35
Dibromofluoromethane
Concen: 51.182 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD066832.D
Acq: 23 Sep 2020 14:06

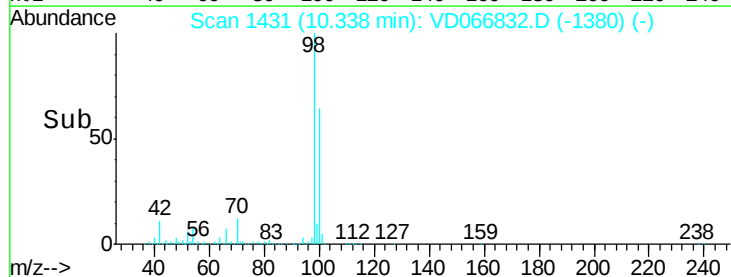
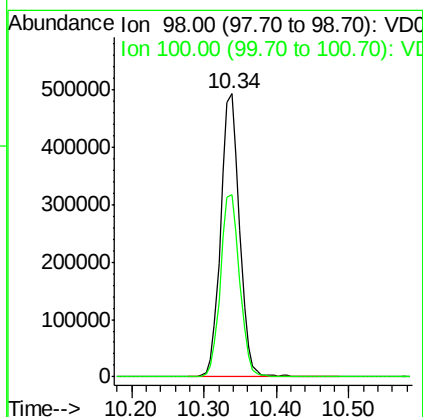
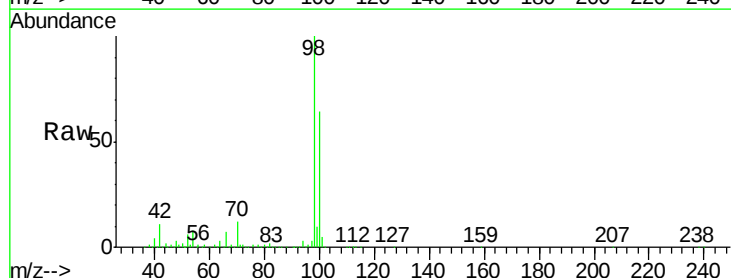
Instrument :
MSVOA_D
ClientSampleId :
GLOUCESTER-SP

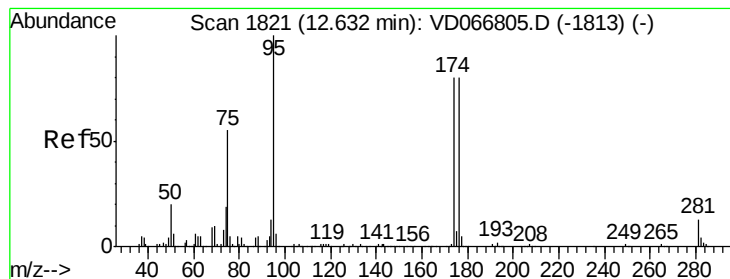
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.8	122.8
192	18.2	14.4	21.6



#50
Toluene-d8
Concen: 56.627 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066832.D
Acq: 23 Sep 2020 14:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 53.788 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066832.D

Acq: 23 Sep 2020 14:06

Instrument :

MSVOA_D

ClientSampleId :

GLOUCESTER-SP

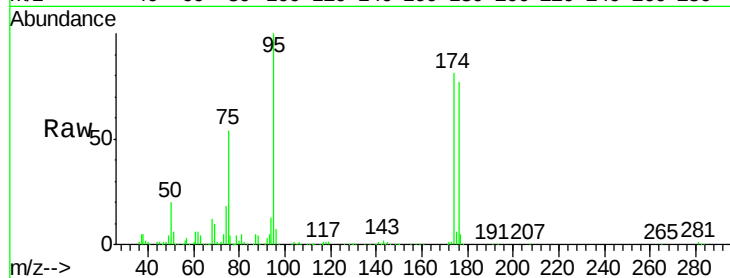
Tot Ion: 95 Resp: 289412

Ion Ratio Lower Upper

95 100

174 80.3 0.0 159.8

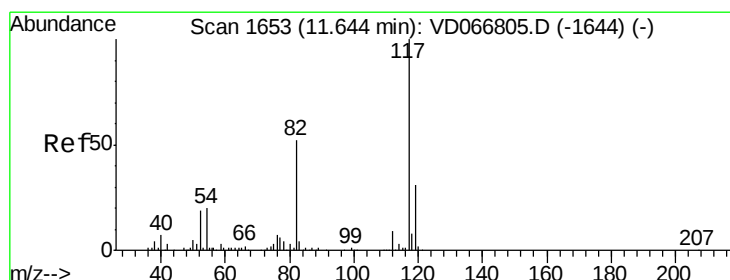
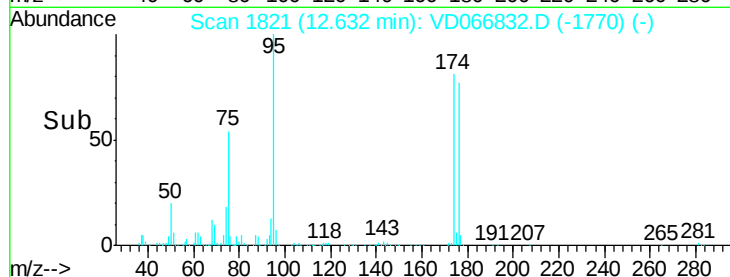
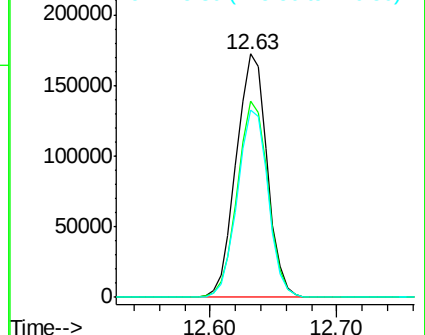
176 76.5 0.0 154.4



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: VD066832.D

Acq: 23 Sep 2020 14:06

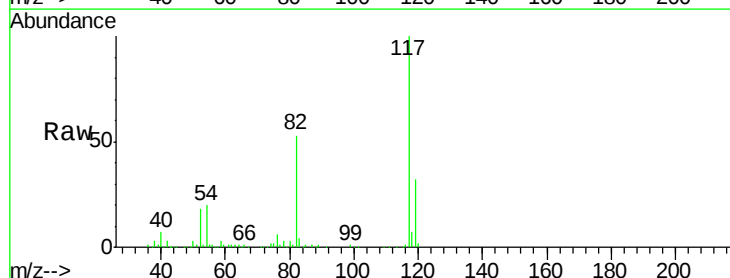
Tgt Ion: 117 Resp: 715158

Ion Ratio Lower Upper

117 100

82 53.2 41.8 62.6

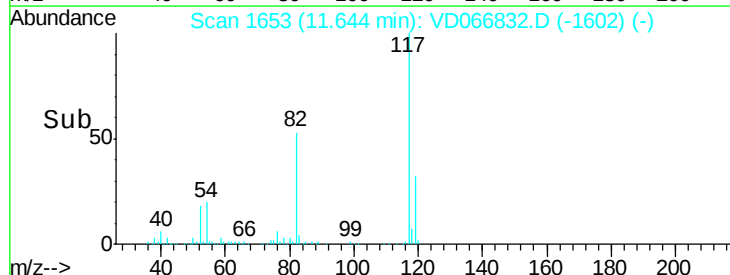
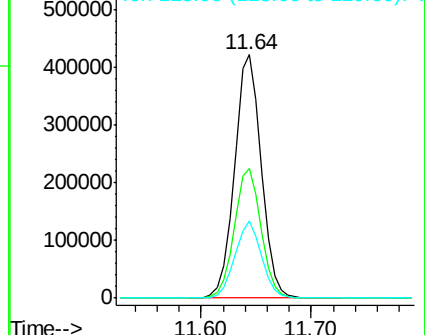
119 31.6 24.6 37.0

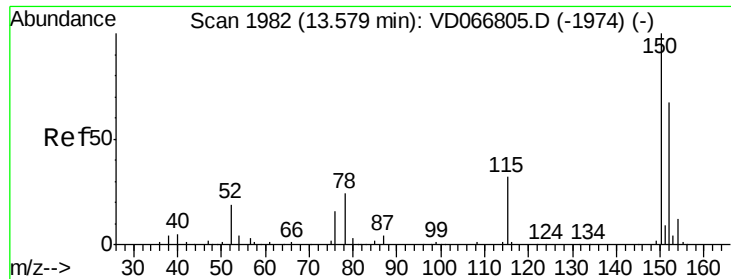


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

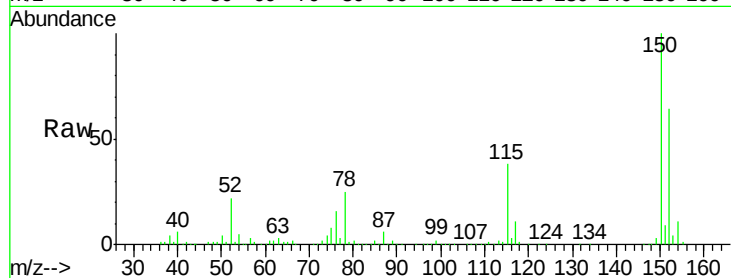




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VD066832.D
 Acq: 23 Sep 2020 14:06

Instrument :
 MSVOA_D
 ClientSampleId :
 GLOUCESTER-SP

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.8	30.3	91.0
150	154.8	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

