

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092220\
 Data File : VD066818.D
 Acq On : 22 Sep 2020 18:35
 Operator : VA/SY
 Sample : L4099-07
 Misc : 4.38G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 105

Quant Time: Sep 23 02:56:27 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

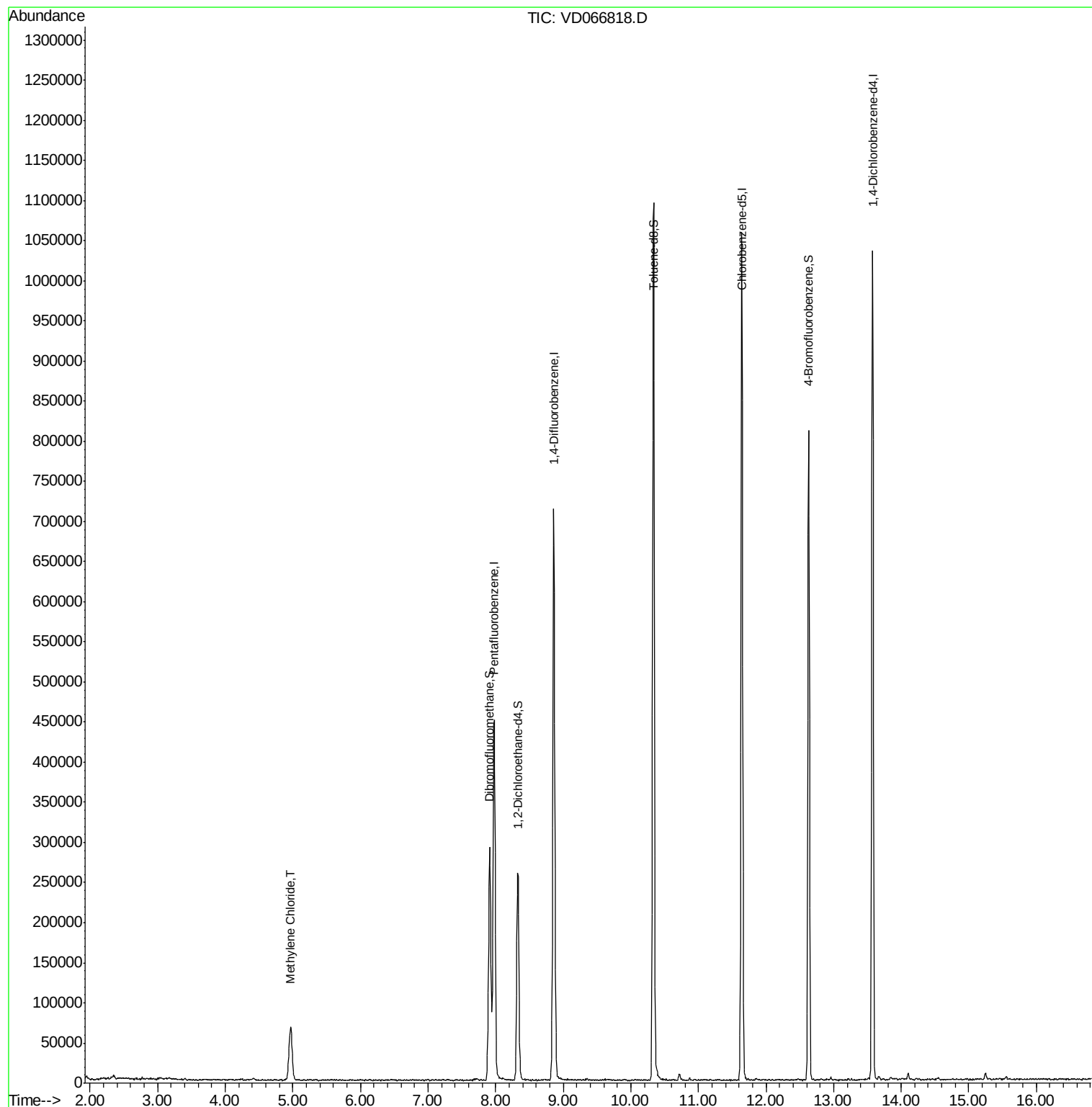
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	323927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	607542	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	613667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	271980	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	212525	67.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.06%	
35) Dibromofluoromethane	7.91	113	208586	53.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.94%	
50) Toluene-d8	10.34	98	750339	56.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.96%	
62) 4-Bromofluorobenzene	12.63	95	258345	57.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.60%	
Target Compounds						
20) Methylene Chloride	4.96	84	55233	10.633	ug/l	Qvalue 91

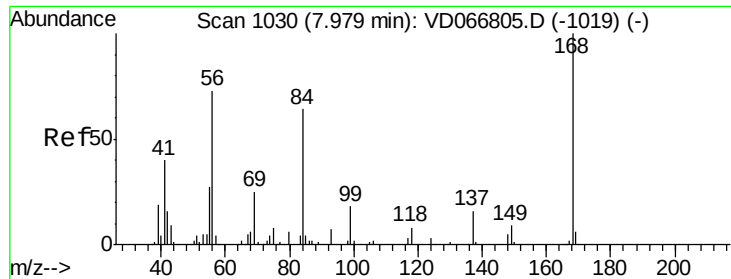
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066818.D

Acq: 22 Sep 2020 18:35

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MSVOA_D

ClientSampleId :

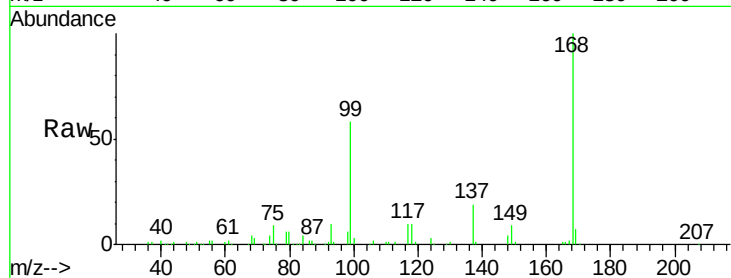
105

Tot Ion:168 Resp: 323927

Ion Ratio Lower Upper

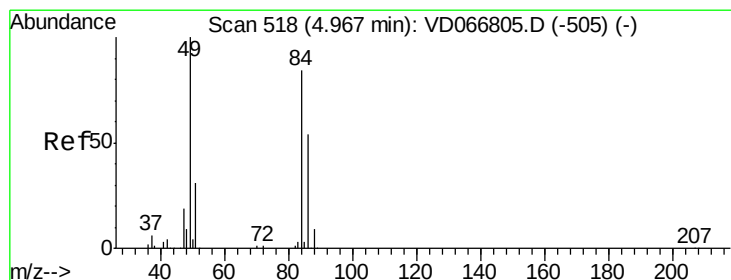
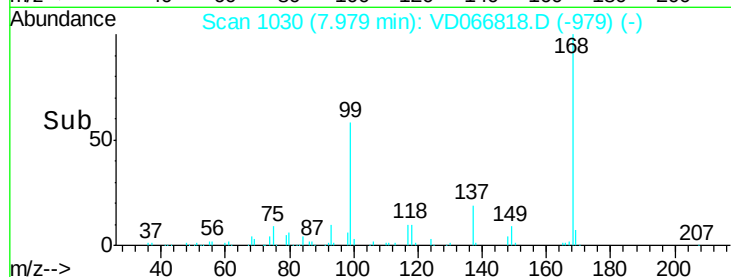
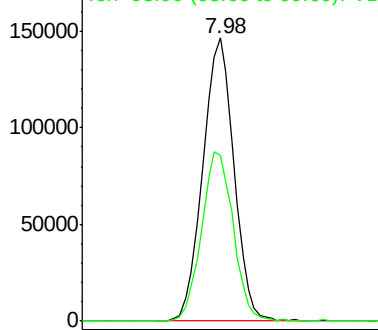
168 100

99 58.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: 10.633 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066818.D

Acq: 22 Sep 2020 18:35

Tgt Ion: 84 Resp: 55233

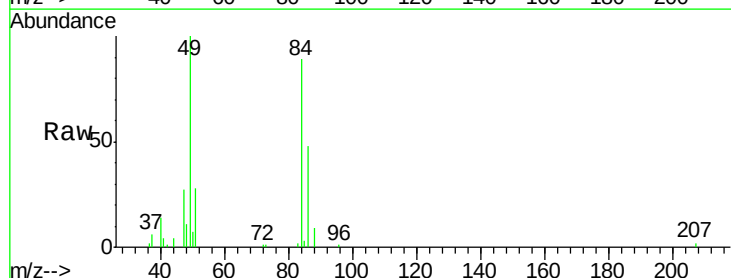
Ion Ratio Lower Upper

84 100

49 112.1 95.4 143.2

51 31.8 29.7 44.5

86 53.8 51.4 77.2

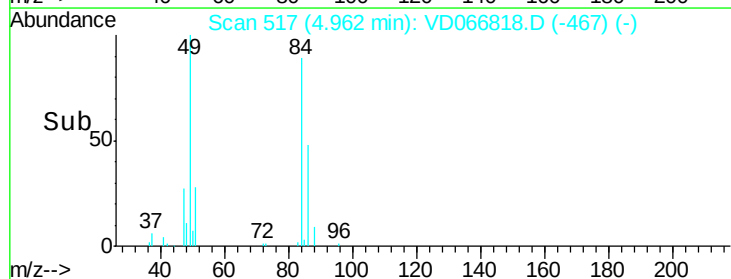
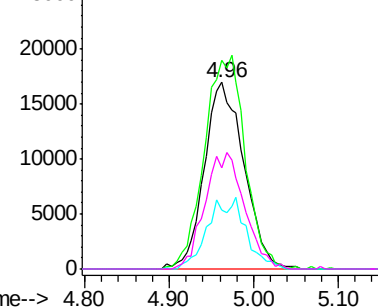


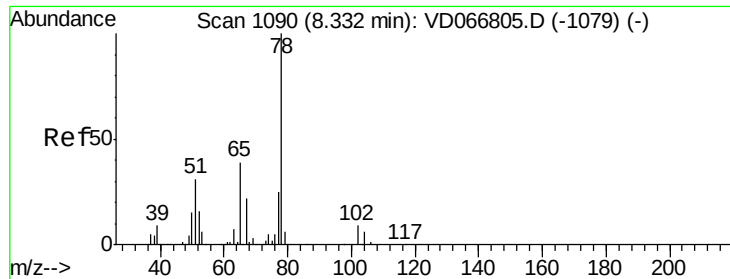
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

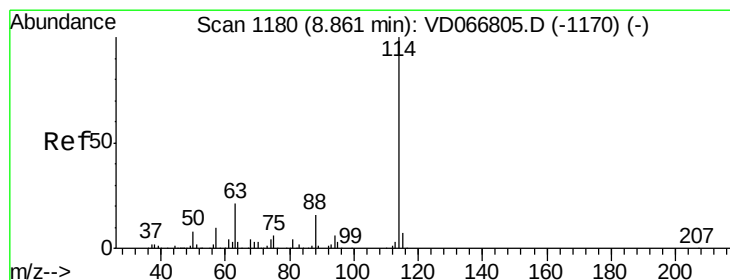
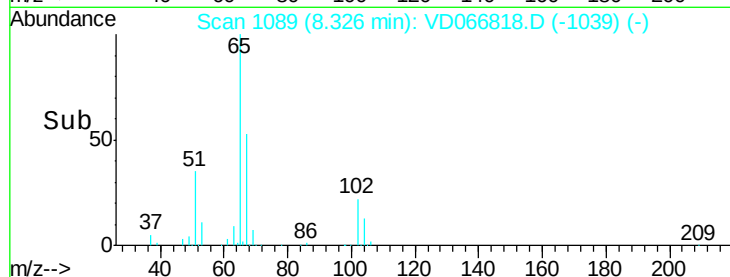
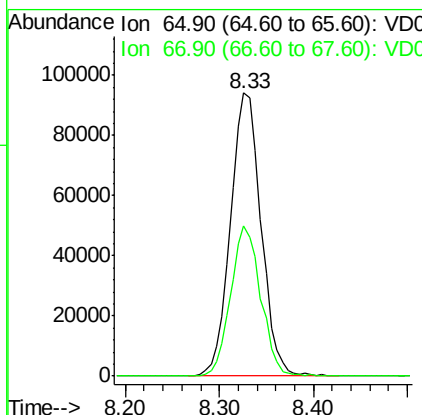
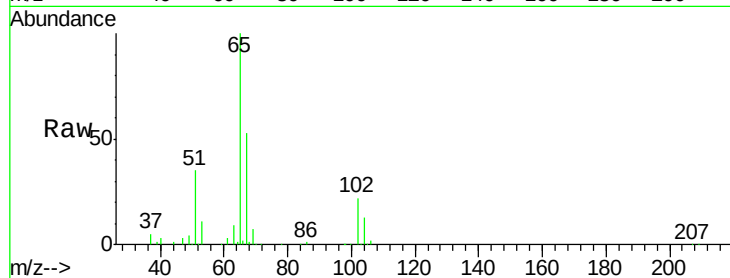




#33
 1,2-Dichloroethane-d4
 Concen: 67.033 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066818.D
 Acq: 22 Sep 2020 18:35

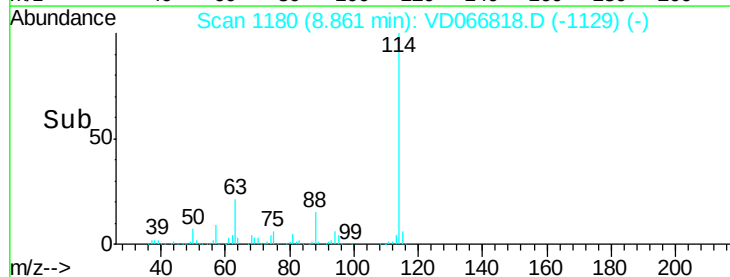
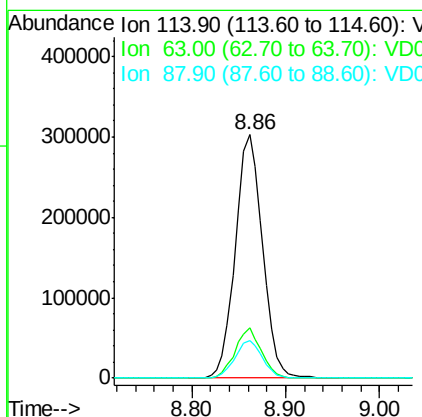
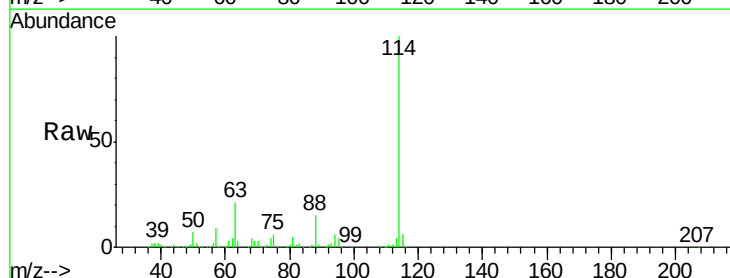
Instrument :
 MSVOA_D
 ClientSampled :
 105

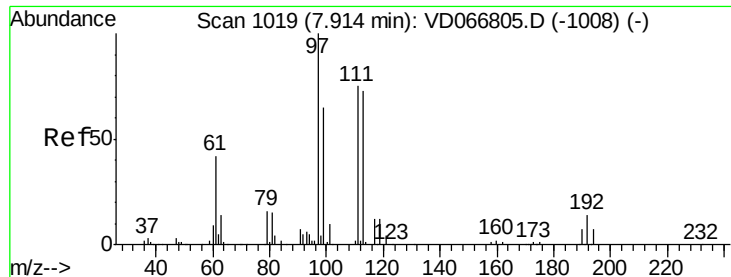
Tot Ion: 65 Resp: 212525
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066818.D
 Acq: 22 Sep 2020 18:35

Tgt Ion: 114 Resp: 607542
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.6
 88 15.2 0.0 32.6

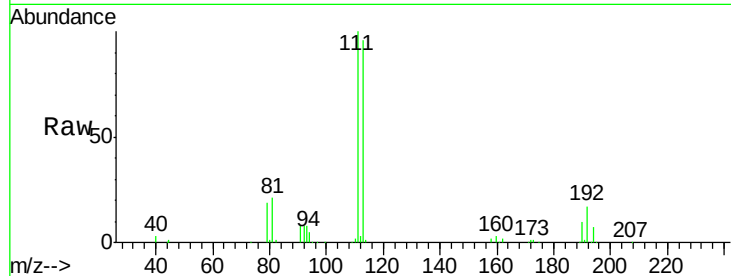




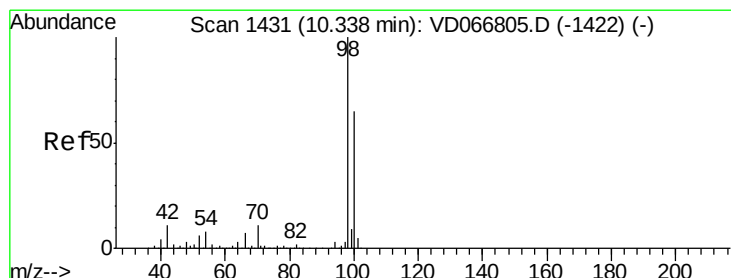
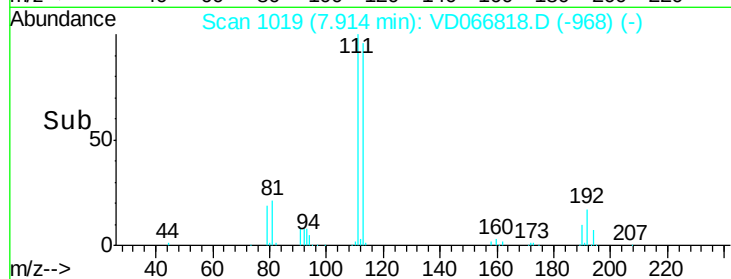
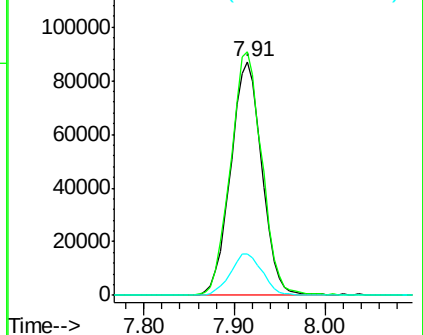
#35
 Dibromofluoromethane
 Concen: 53.965 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066818.D
 Acq: 22 Sep 2020 18:35

Instrument :
 MSVOA_D
 ClientSampleId :
 105

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.8	122.8
192	18.3	14.4	21.6

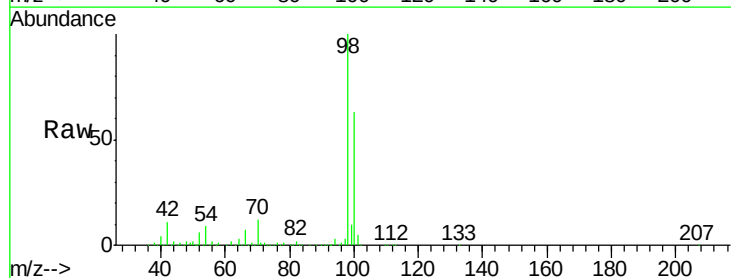


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

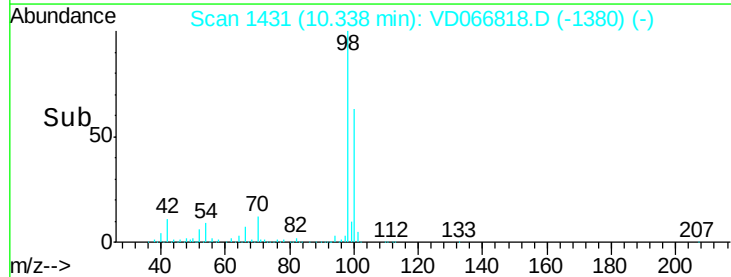
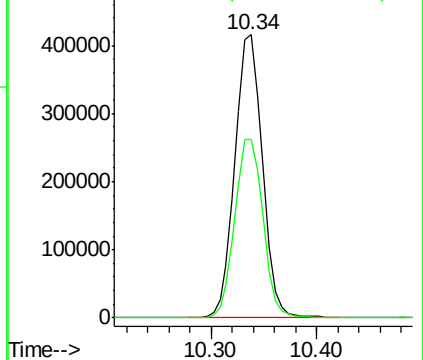


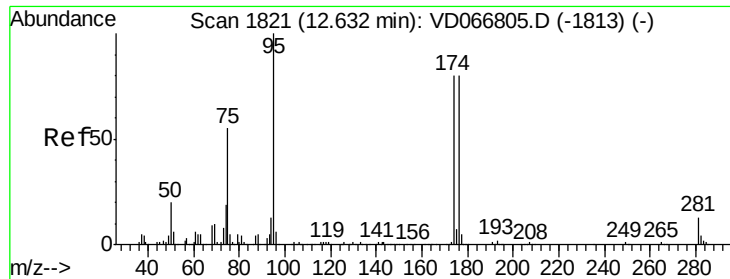
#50
 Toluene-d8
 Concen: 56.976 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066818.D
 Acq: 22 Sep 2020 18:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VD
 Ion 100.00 (99.70 to 100.70): VD

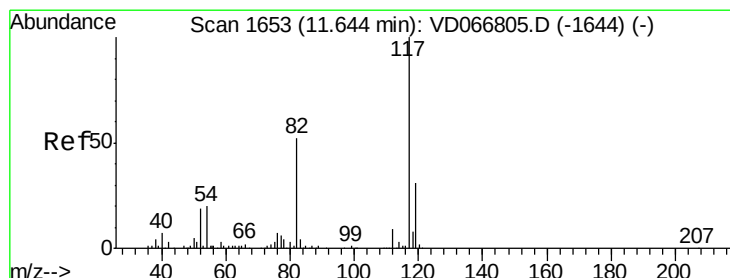
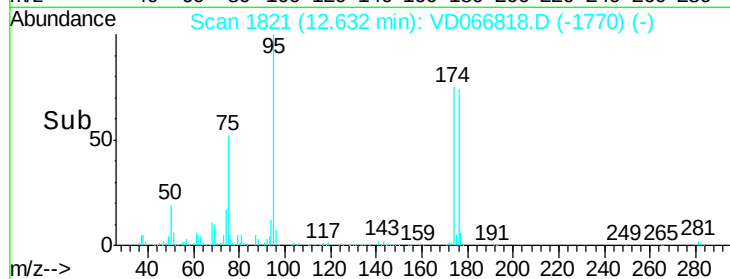
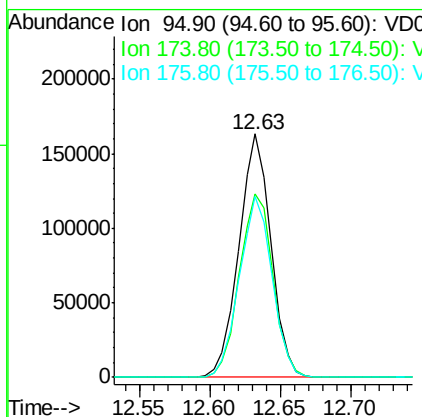
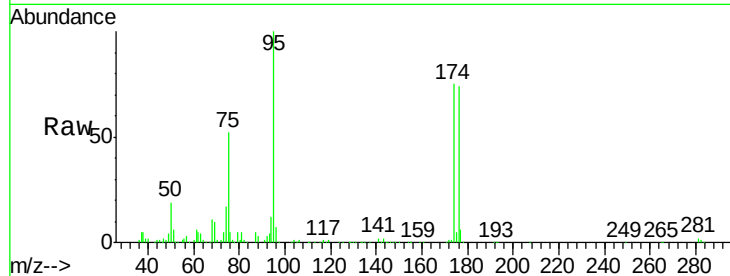




#62
4-Bromofluorobenzene
Concen: 57.304 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066818.D
Acq: 22 Sep 2020 18:35

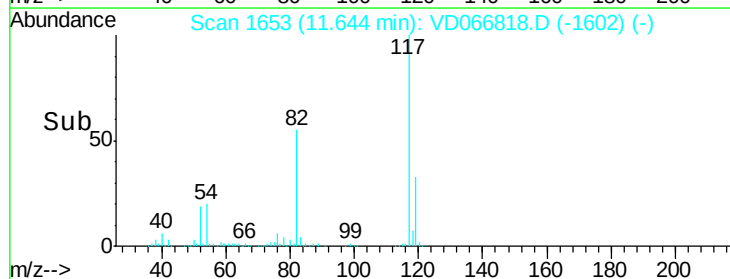
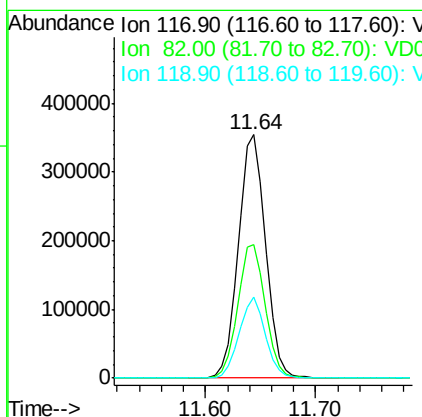
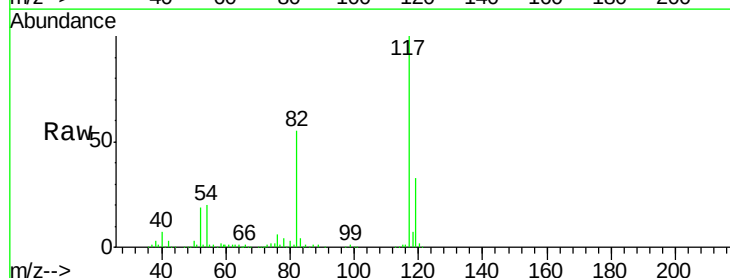
Instrument :
MSVOA_D
ClientSampled :
105

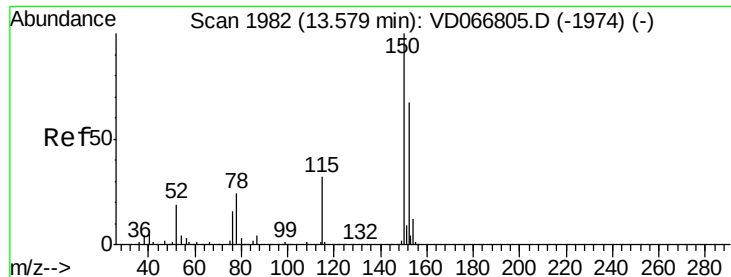
Tot Ion	95	Resp	258345
Ion Ratio	Lower	Upper	
95	100		
174	79.3	0.0	159.8
176	75.9	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066818.D
Acq: 22 Sep 2020 18:35

Tgt Ion	117	Resp	613667
Ion Ratio	Lower	Upper	
117	100		
82	54.7	41.8	62.6
119	33.1	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: VD066818.D

Acq: 22 Sep 2020 18:35

Instrument :

MSVOA_D

ClientSampleId :

105

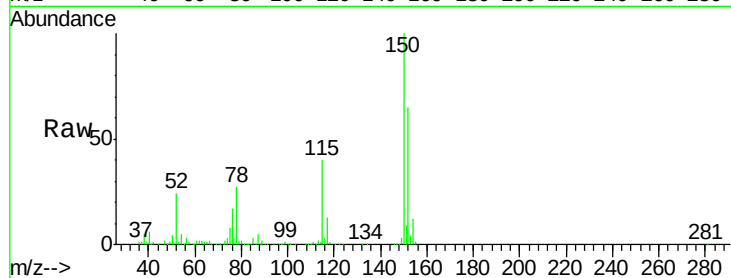
Tot Ion:152 Resp: 271980

Ion Ratio Lower Upper

152 100

115 62.2 30.3 91.0

150 158.5 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

