

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091820\
 Data File : VX018500.D
 Acq On : 18 Sep 2020 18:11
 Operator : JC/SP
 Sample : L4058-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Quant Time: Sep 21 07:27:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

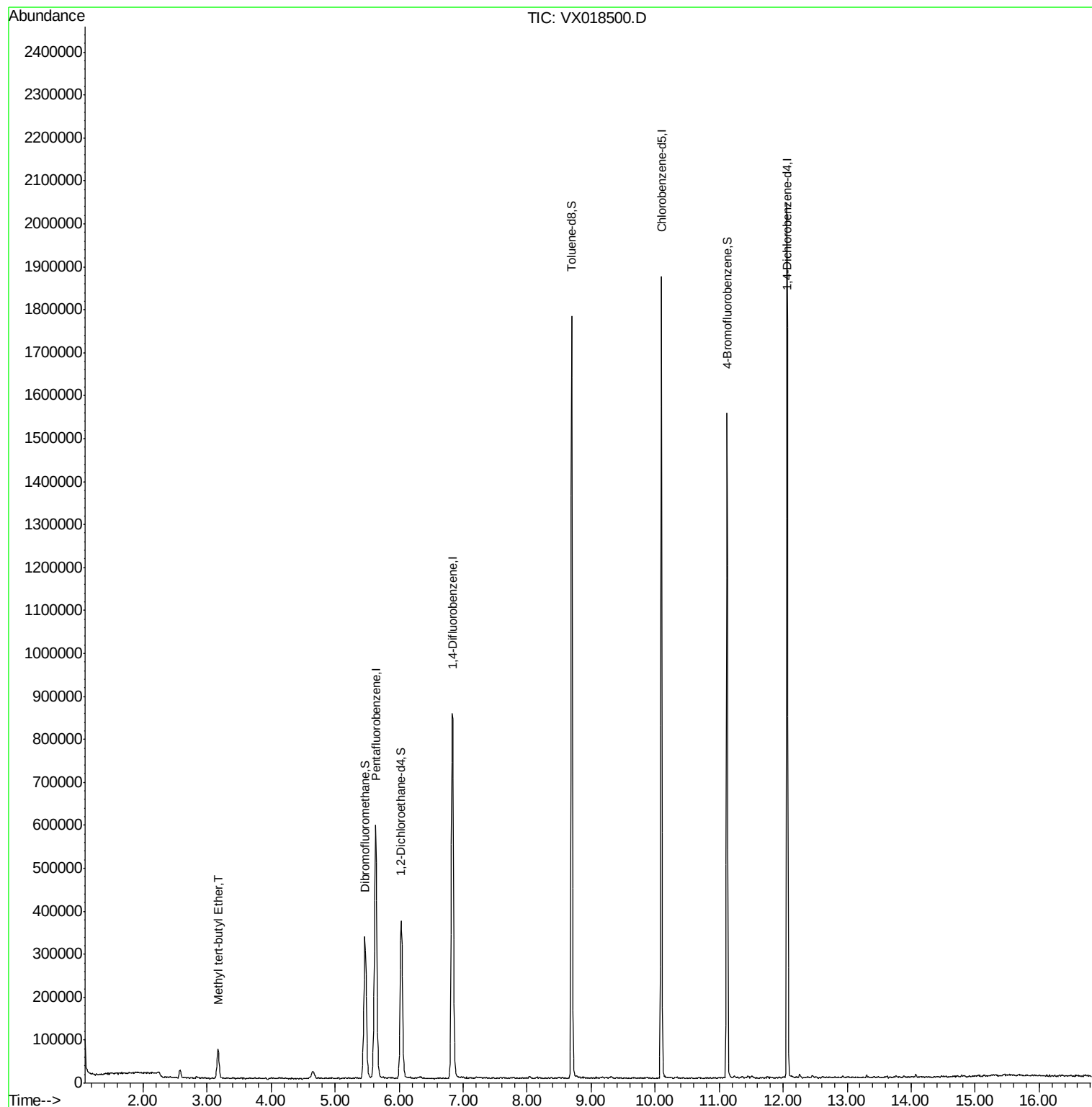
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	541467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	858229	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	813964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	410421	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	356885	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.18%	
35) Dibromofluoromethane	5.47	113	285887	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
50) Toluene-d8	8.70	98	1052037	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	11.12	95	392617	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
Target Compounds						
19) Methyl tert-butyl Ether	3.17	73	79201	4.303	ug/l	Qvalue 99

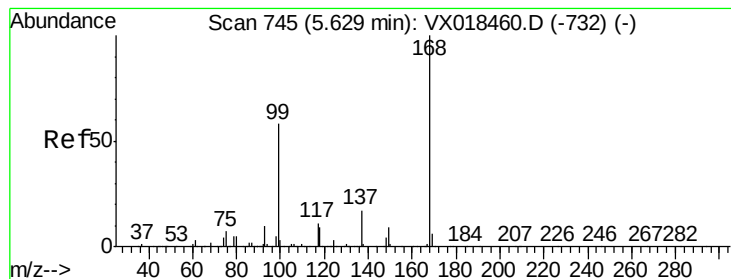
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018500.D

Acq: 18 Sep 2020 18:11

Instrument :

MSVOA_X

ClientSampled :

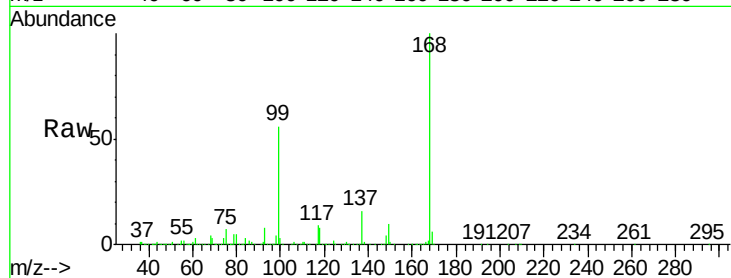
MW-5

Tot Ion:168 Resp: 541467

Ion Ratio Lower Upper

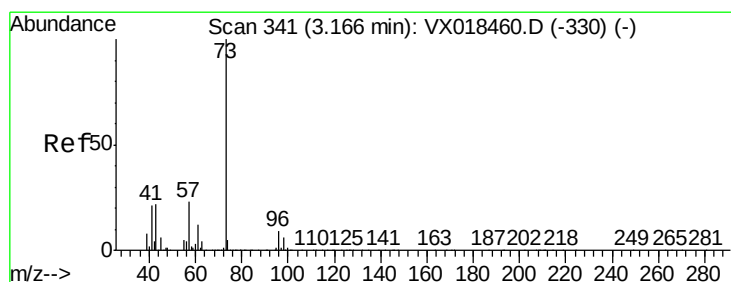
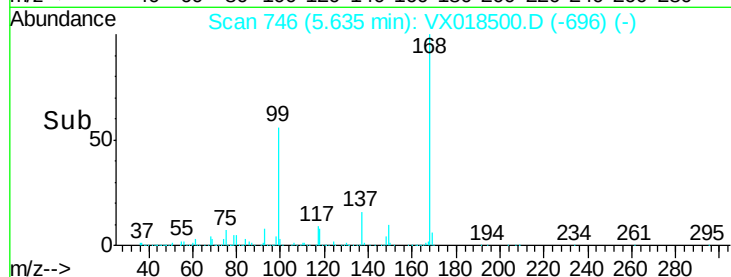
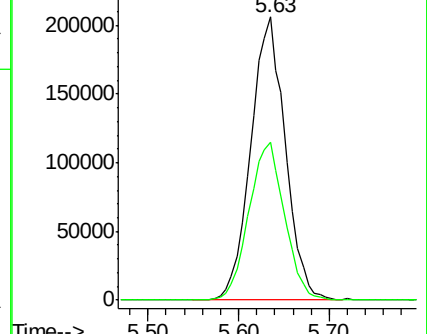
168 100

99 55.9 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#19

Methyl tert-butyl Ether

Concen: 4.303 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX018500.D

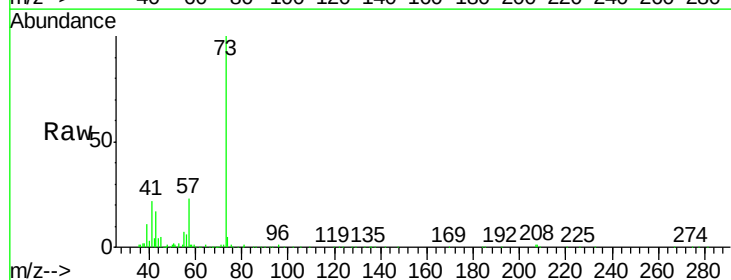
Acq: 18 Sep 2020 18:11

Tgt Ion: 73 Resp: 79201

Ion Ratio Lower Upper

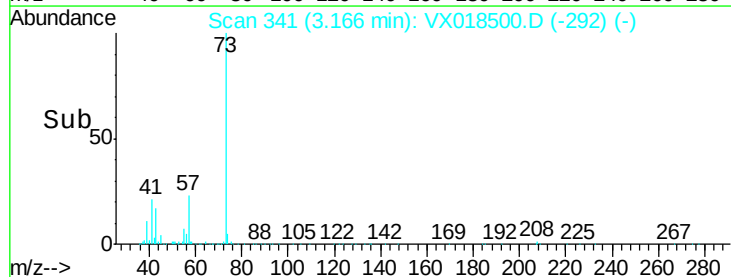
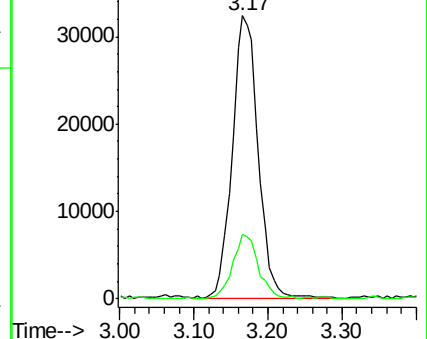
73 100

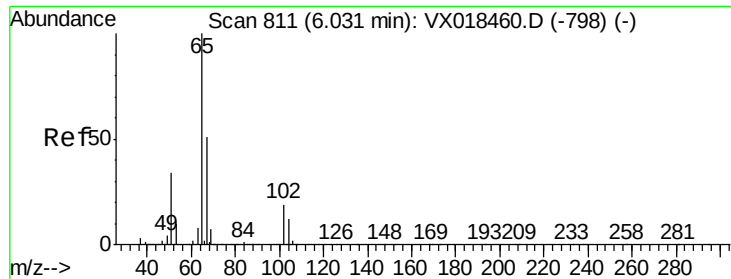
57 23.0 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

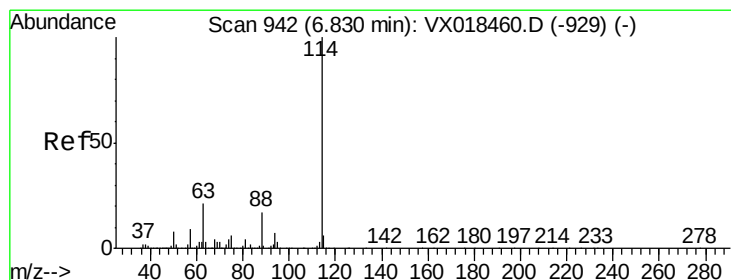
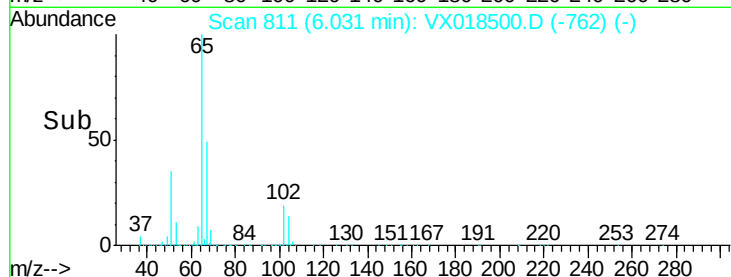
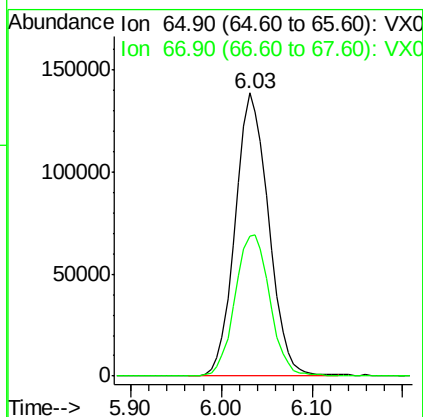
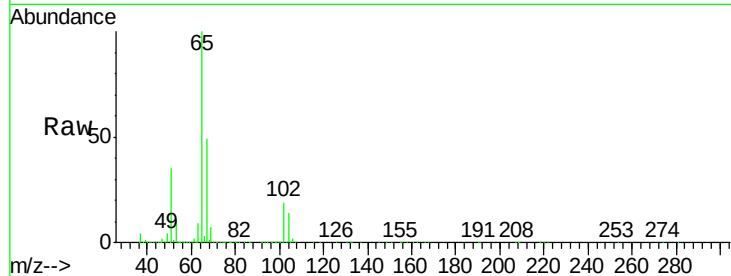




#33
 1,2-Dichloroethane-d4
 Concen: 46.591 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018500.D
 Acq: 18 Sep 2020 18:11

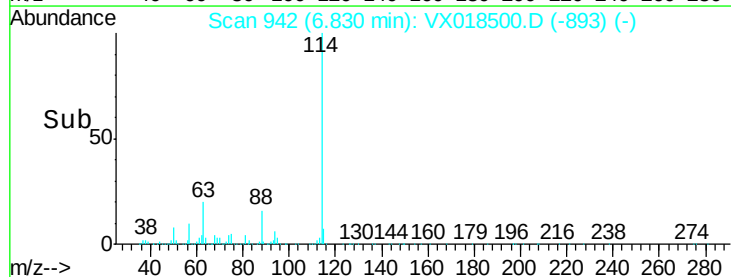
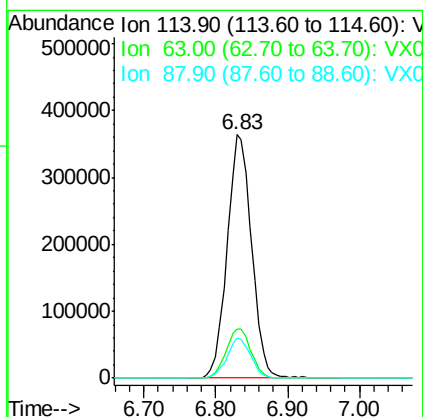
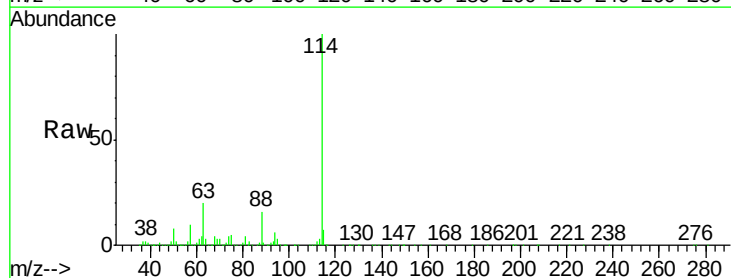
Instrument :
 MSVOA_X
 ClientSampled :
 MW-5

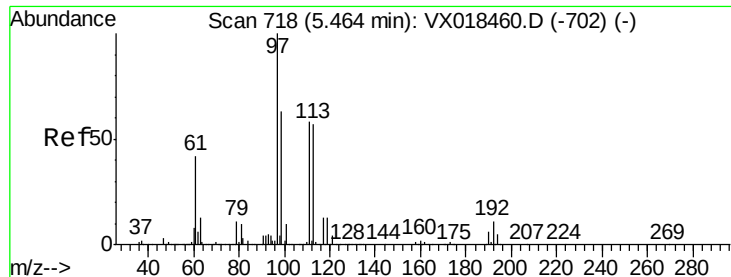
Tot Ion: 65 Resp: 356885
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX018500.D
 Acq: 18 Sep 2020 18:11

Tgt Ion: 114 Resp: 858229
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.8
 88 16.4 0.0 33.6

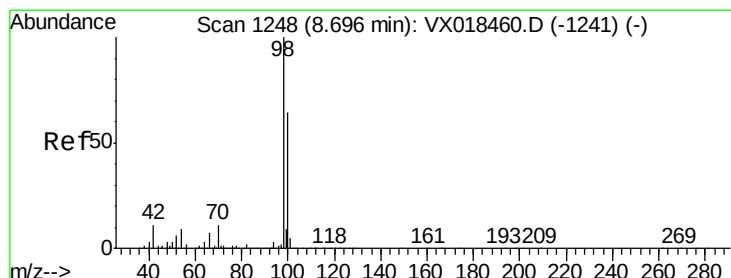
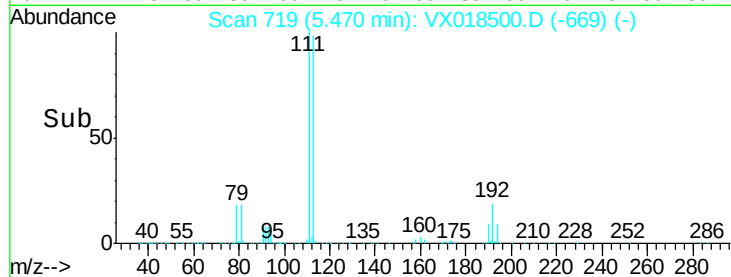
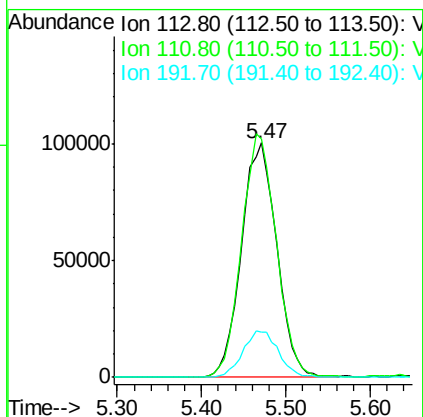
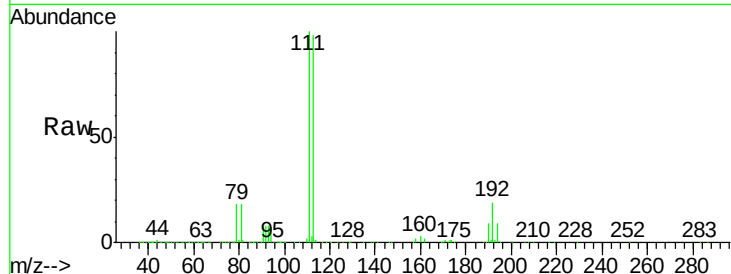




#35
 Dibromofluoromethane
 Concen: 48.185 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX018500.D
 Acq: 18 Sep 2020 18:11

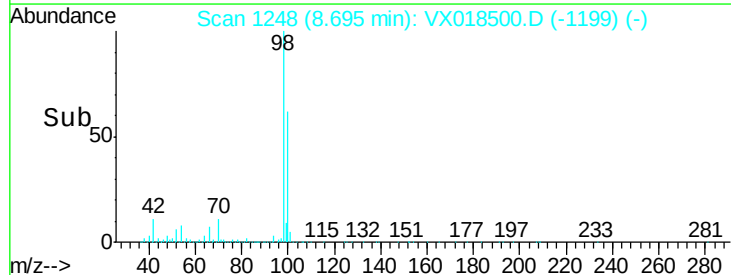
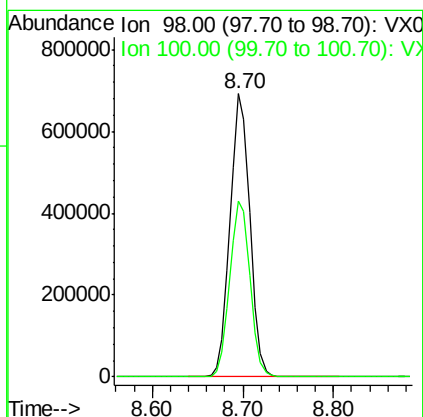
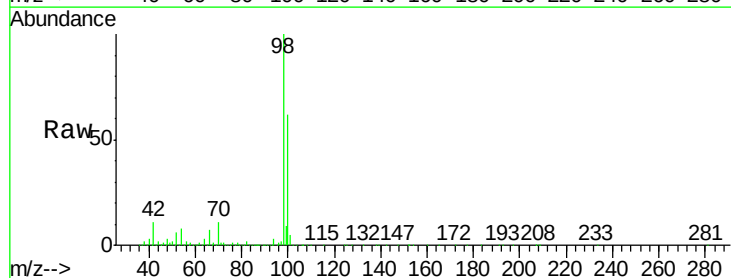
Instrument :
 MSVOA_X
 ClientSampled :
 MW-5

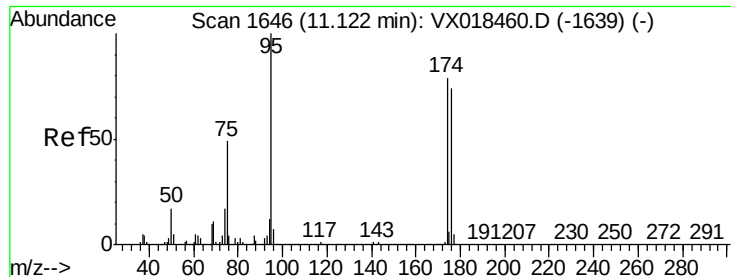
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.2
192	20.1	16.6	24.8



#50
 Toluene-d8
 Concen: 48.803 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX018500.D
 Acq: 18 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.7	77.5

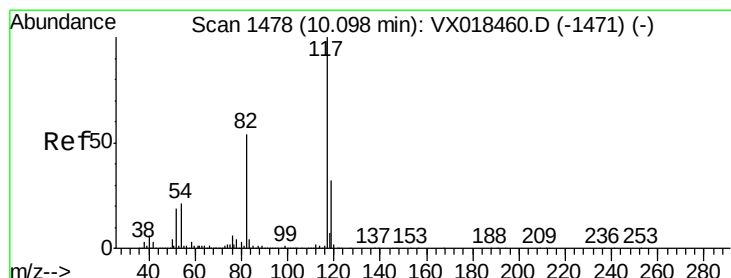
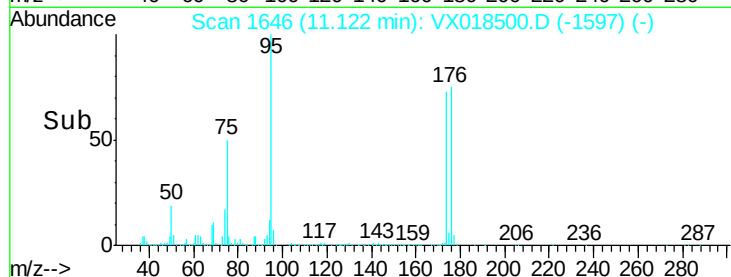
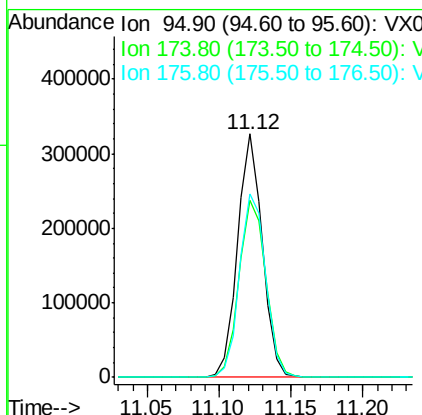
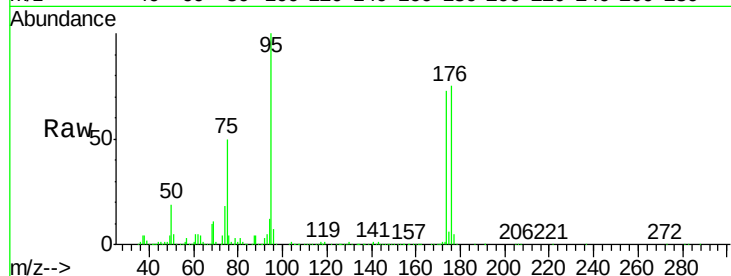




#62
4-Bromofluorobenzene
Concen: 45.787 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018500.D
Acq: 18 Sep 2020 18:11

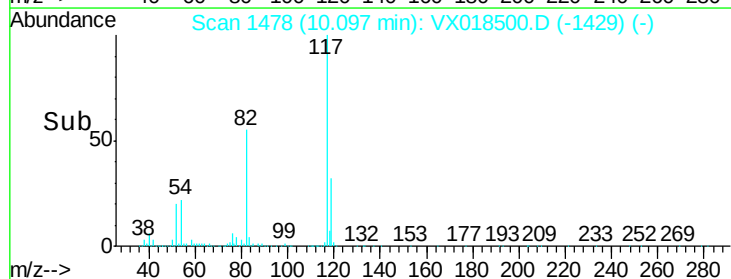
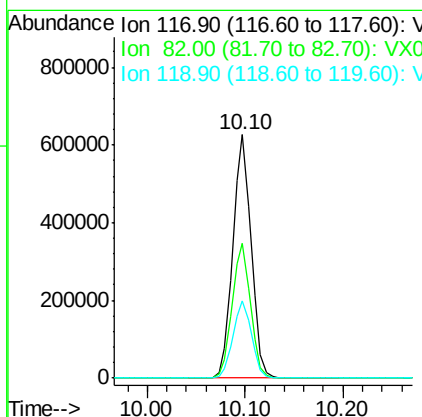
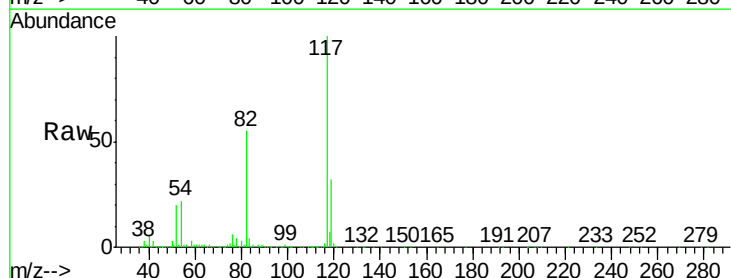
Instrument :
MSVOA_X
ClientSampled :
MW-5

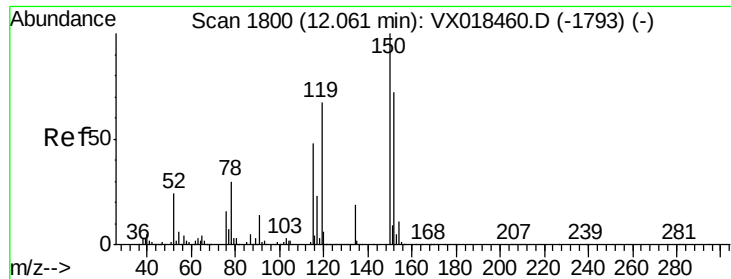
Tot Ion	Ratio	Lower	Upper
95	100		
174	78.9	0.0	161.4
176	79.2	0.0	151.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018500.D
Acq: 18 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.3	64.9
119	31.9	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018500.D

Acq: 18 Sep 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

MW-5

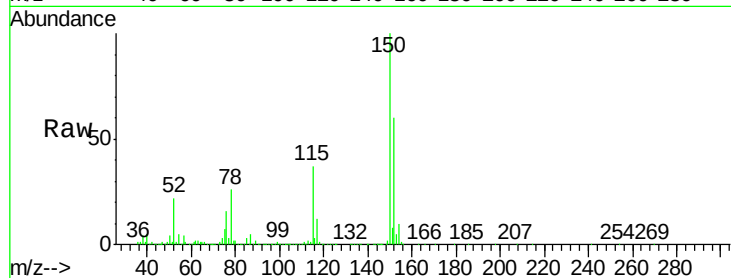
Tot Ion:152 Resp: 410421

Ion Ratio Lower Upper

152 100

115 60.1 41.8 125.4

150 158.5 0.0 342.4



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

