

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092520\
 Data File : VX018605.D
 Acq On : 25 Sep 2020 18:54
 Operator : JC/SP
 Sample : L4140-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Sep 28 09:36:03 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

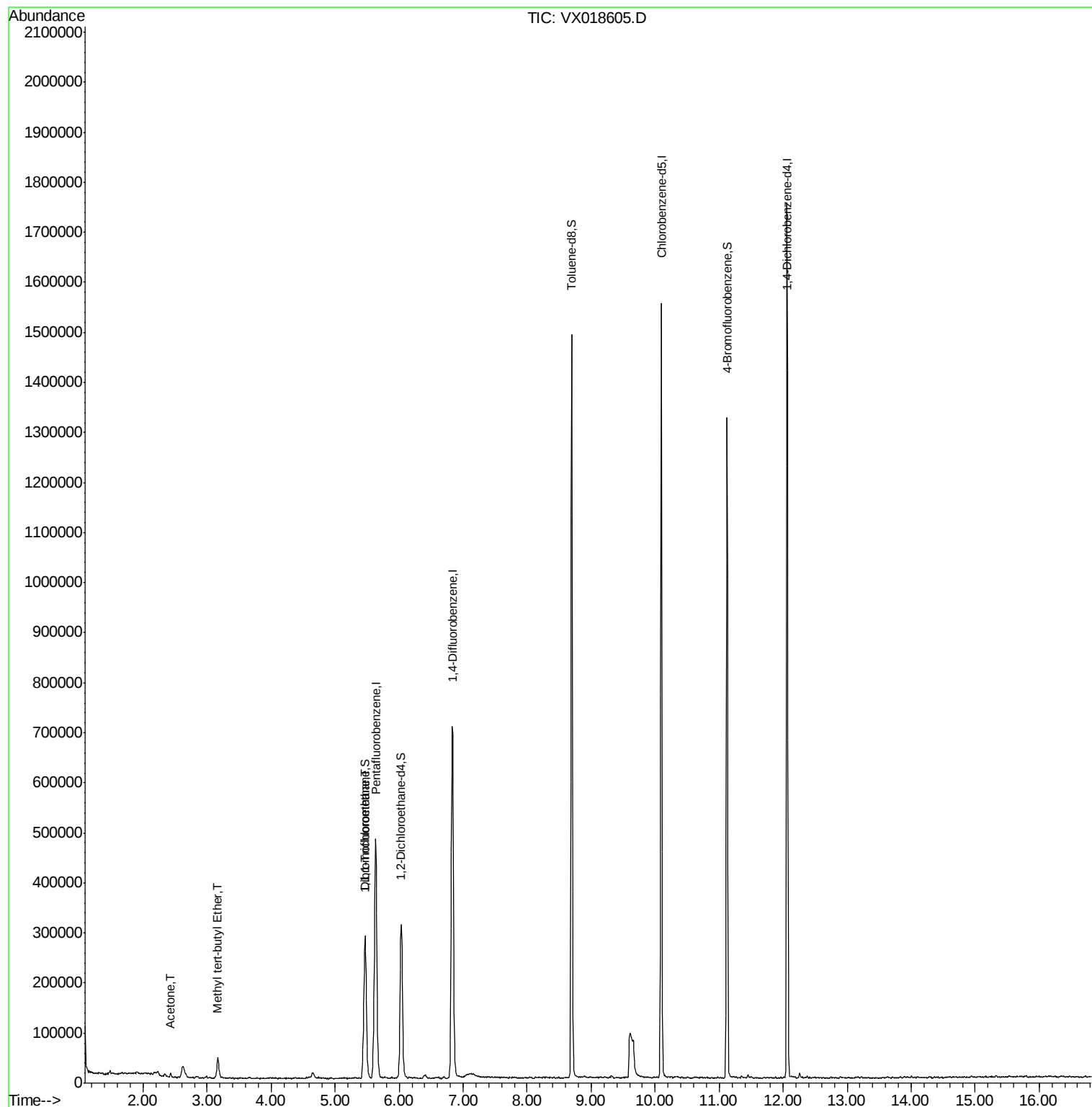
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	432667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	688952	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	694689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	360947	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	317139	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
35) Dibromofluoromethane	5.47	113	241717	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
50) Toluene-d8	8.70	98	854542	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
62) 4-Bromofluorobenzene	11.12	95	331689	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
Target Compounds						
16) Acetone	2.43	43	8466	3.617	ug/l #	81
19) Methyl tert-butyl Ether	3.17	73	42475	2.888	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	4579	0.547	ug/l #	42

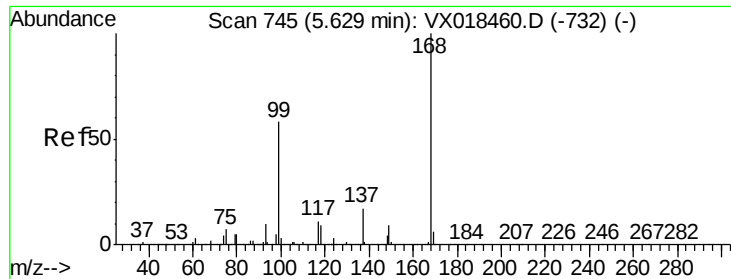
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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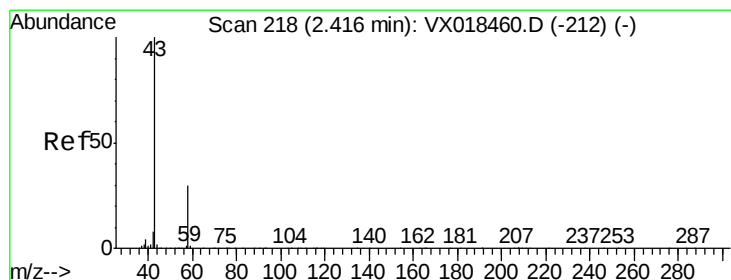
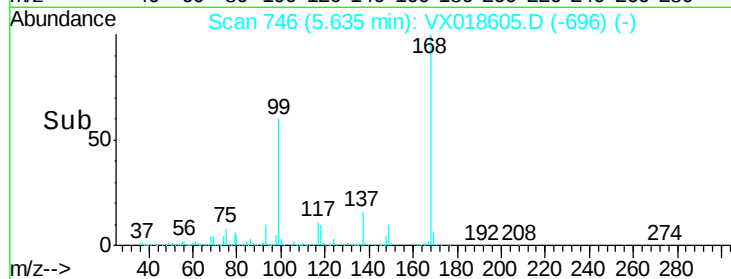
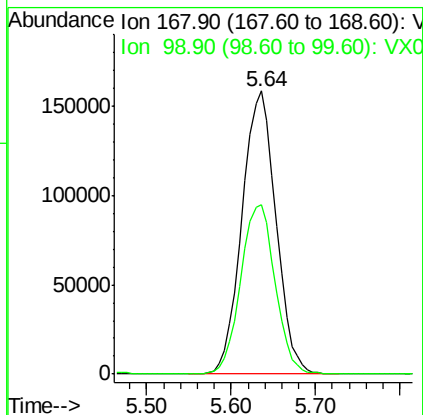
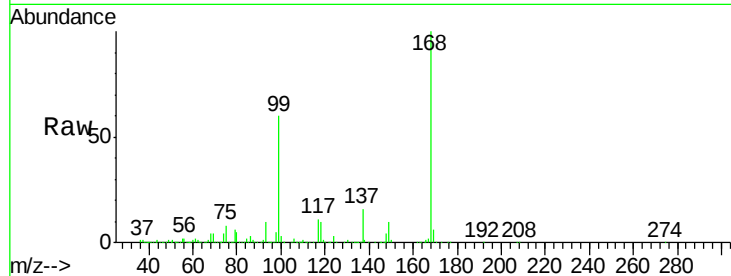


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: VX018605.D
 Acq: 25 Sep 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

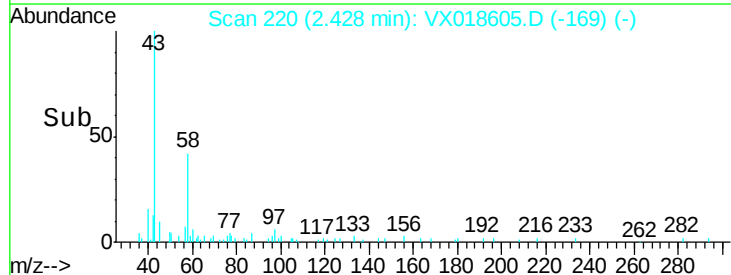
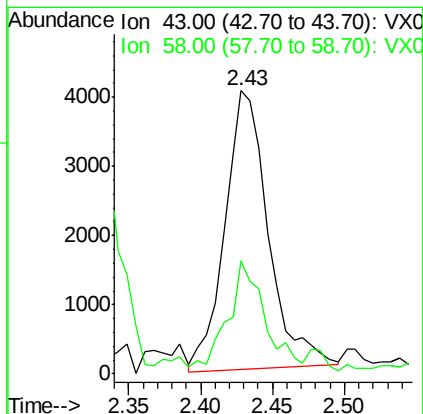
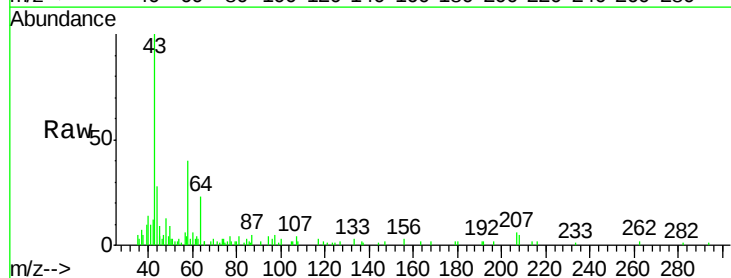
Tot Ion:168 Resp: 432667
 Ion Ratio Lower Upper
 168 100
 99 59.9 46.5 69.7

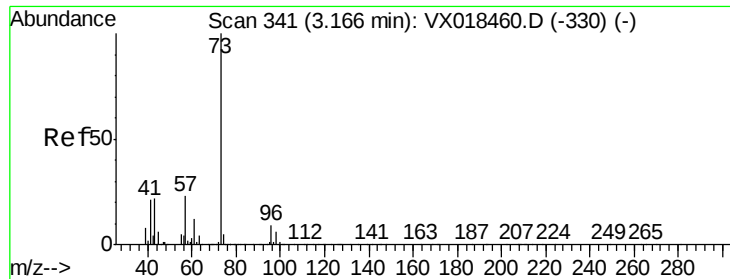


#16

Acetone
 Concen: 3.617 ug/l
 RT: 2.43 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX018605.D
 Acq: 25 Sep 2020 18:54

Tgt Ion: 43 Resp: 8466
 Ion Ratio Lower Upper
 43 100
 58 40.1 24.0 36.0#



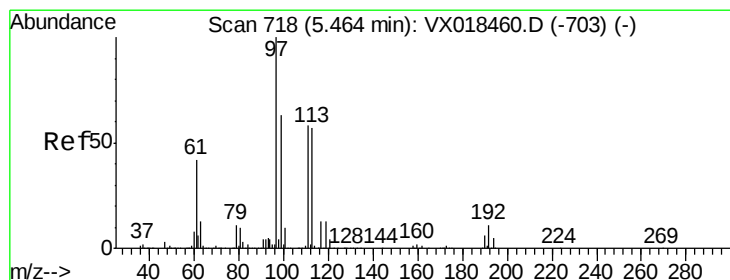
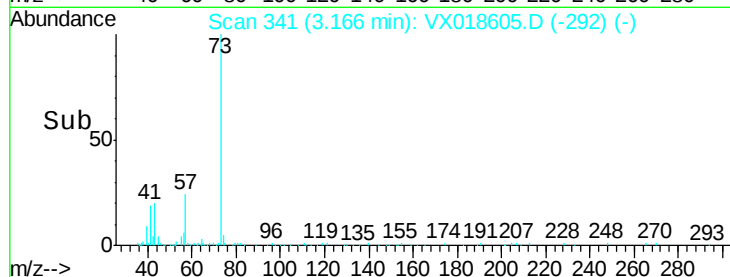
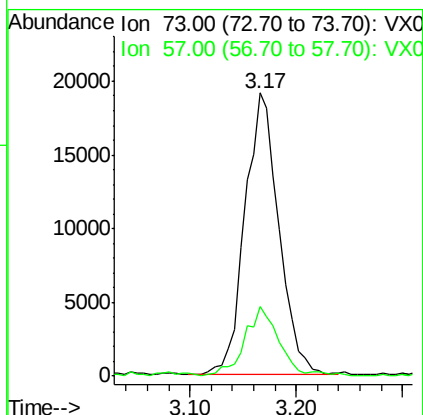
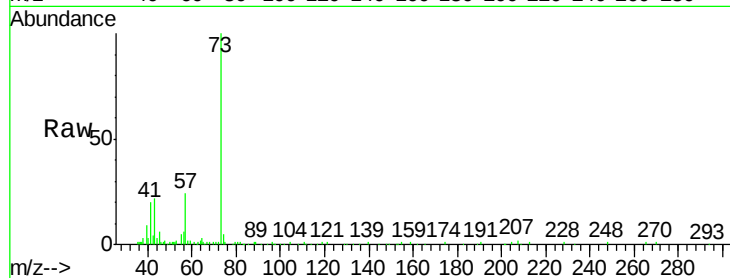


#19

Methvl tert-butvl Ether
Concen: 2.888 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018605.D
Acq: 25 Sep 2020 18:54

Instrument :
MSVOA_X
ClientSampled :
MW-3

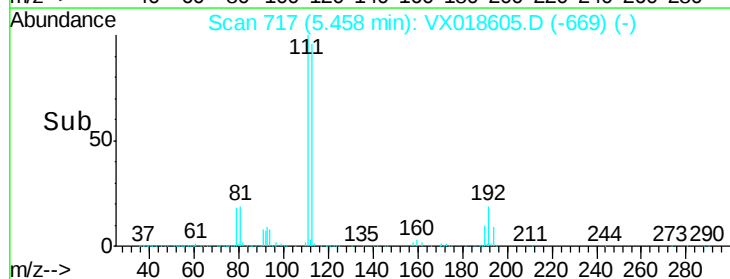
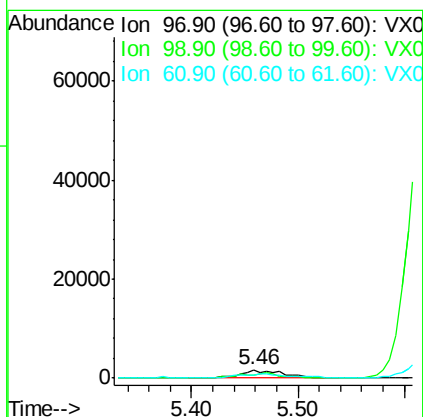
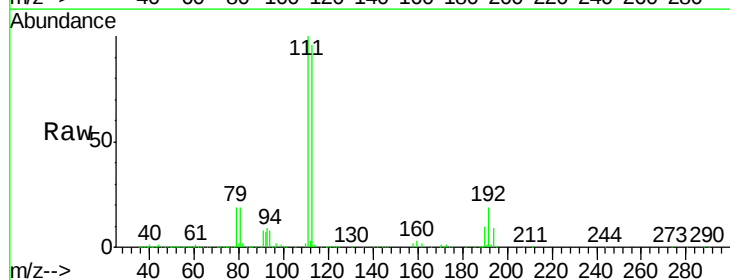
Tot Ion: 73 Resp: 42475
Ion Ratio Lower Upper
73 100
57 23.7 18.0 27.0

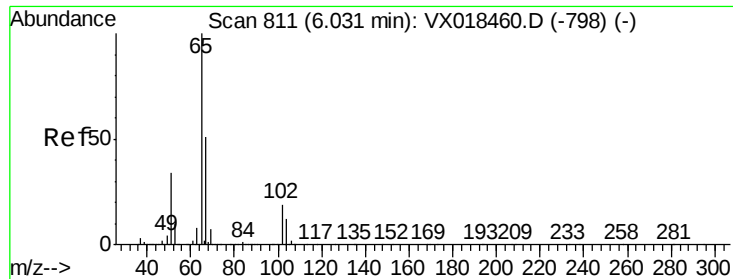


#32

1,1,1-Trichloroethane
Concen: 0.547 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018605.D
Acq: 25 Sep 2020 18:54

Tgt Ion: 97 Resp: 4579
Ion Ratio Lower Upper
97 100
99 0.0 50.5 75.7#
61 55.7 33.4 50.2#

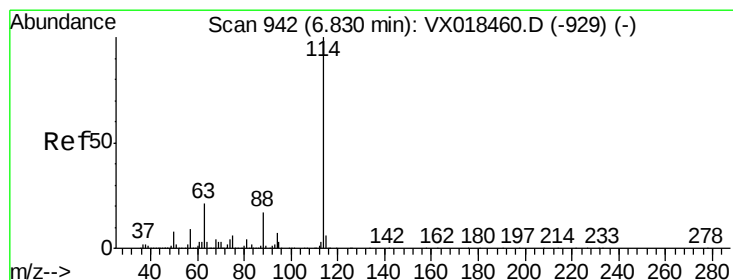
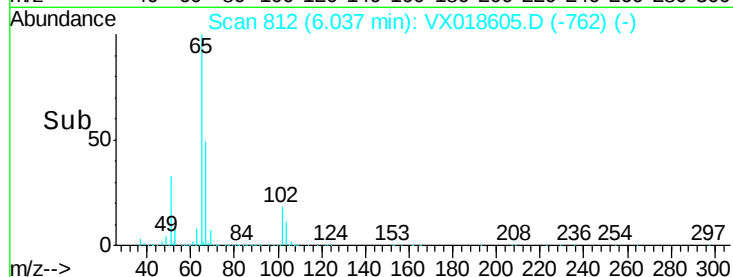
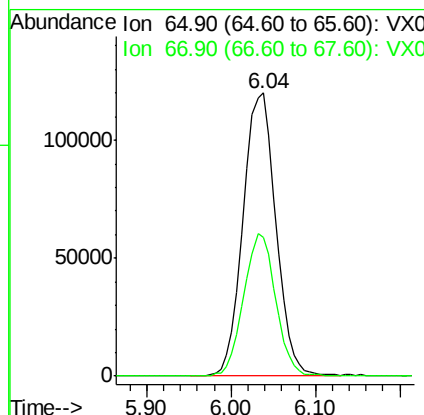
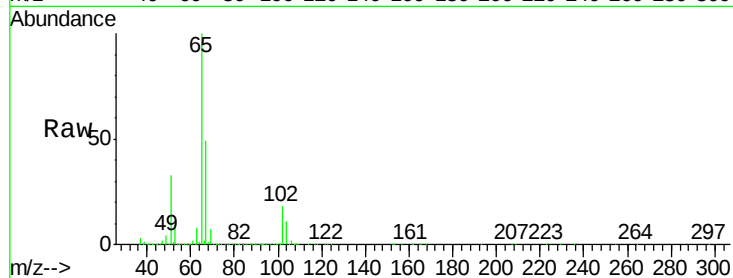




#33
 1,2-Dichloroethane-d4
 Concen: 51.814 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX018605.D
 Acq: 25 Sep 2020 18:54

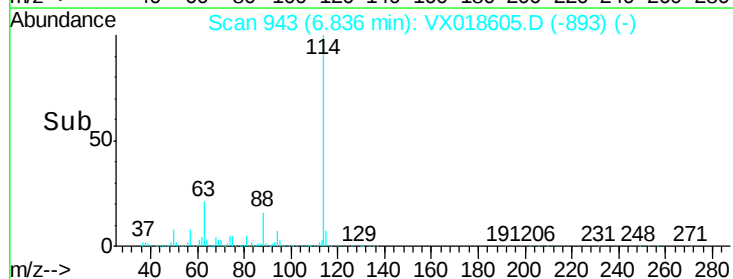
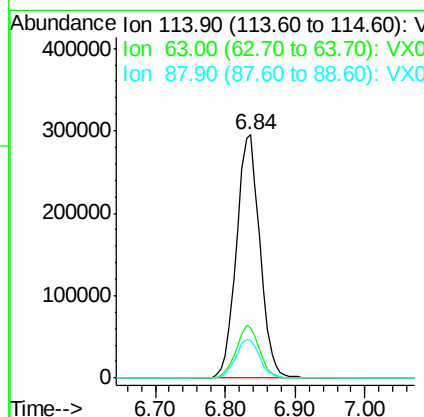
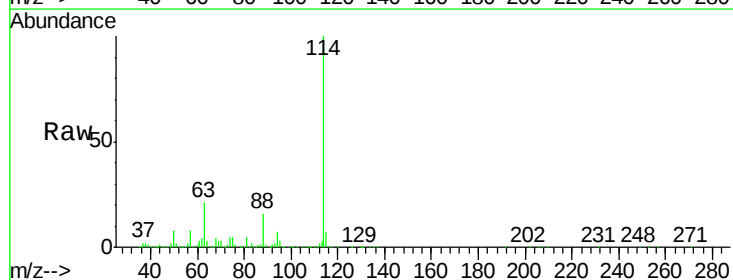
Instrument :
 MSVOA_X
 ClientSampled :
 MW-3

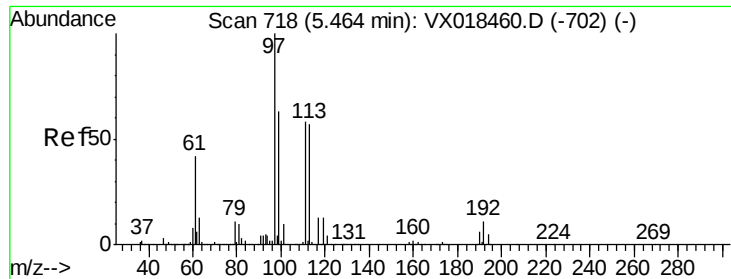
Tot Ion: 65 Resp: 317139
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX018605.D
 Acq: 25 Sep 2020 18:54

Tgt Ion:114 Resp: 688952
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.8
 88 15.6 0.0 33.6

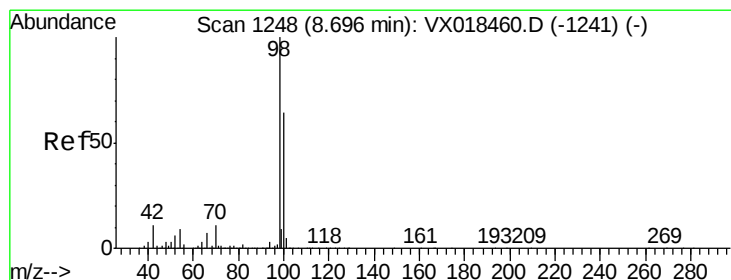
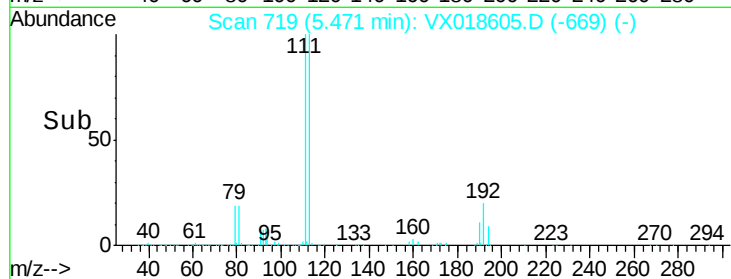
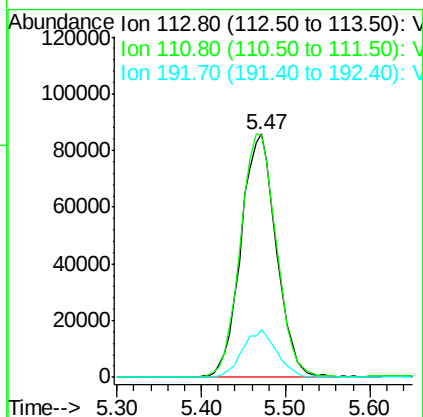
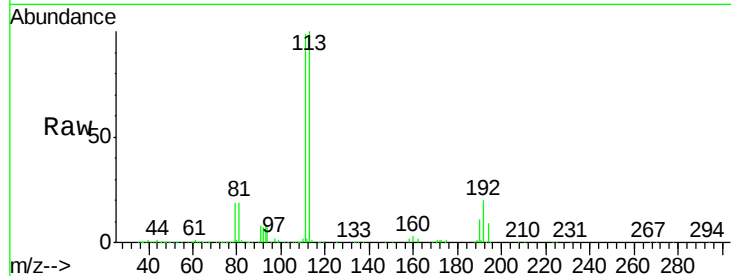




#35
 Dibromofluoromethane
 Concen: 50.751 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX018605.D
 Acq: 25 Sep 2020 18:54

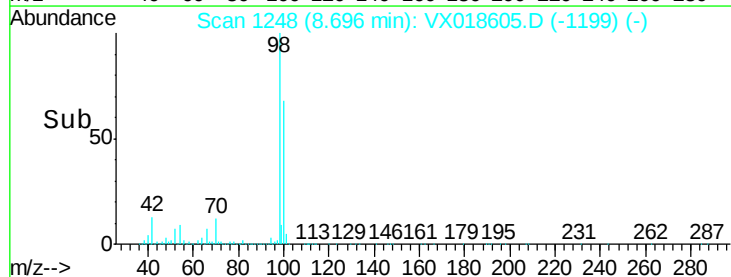
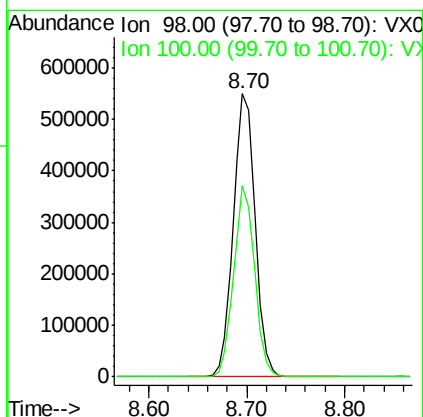
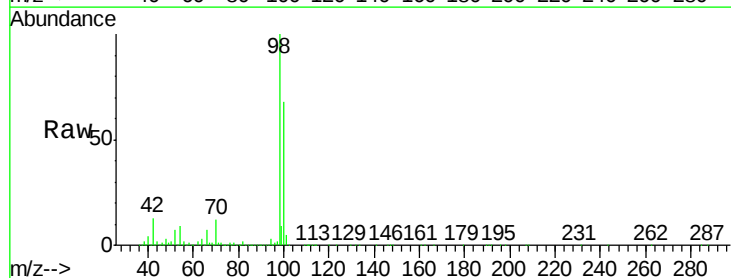
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

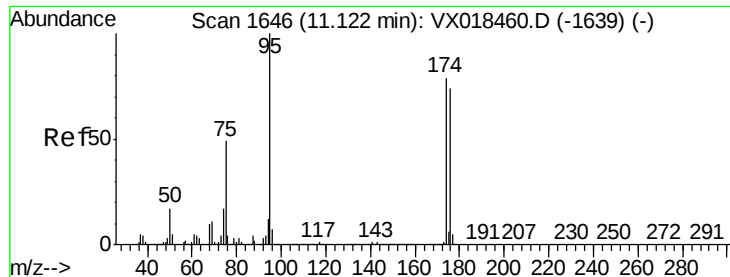
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.4	122.2
192	19.4	16.6	24.8



#50
 Toluene-d8
 Concen: 49.381 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX018605.D
 Acq: 25 Sep 2020 18:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 48.186 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018605.D

Acq: 25 Sep 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

MW-3

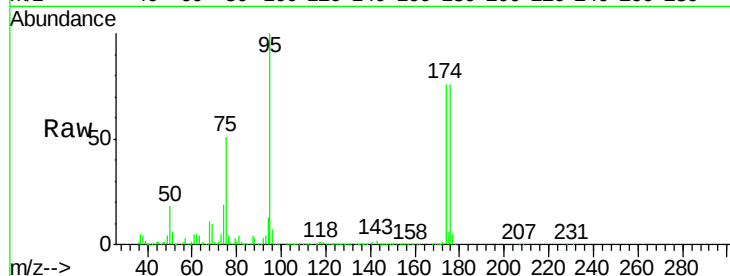
Tot Ion: 95 Resp: 331689

Ion Ratio Lower Upper

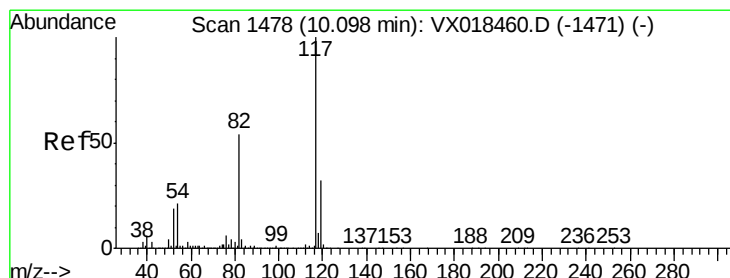
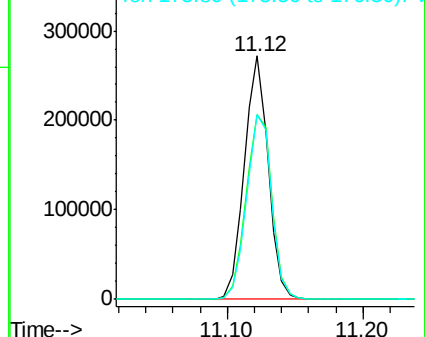
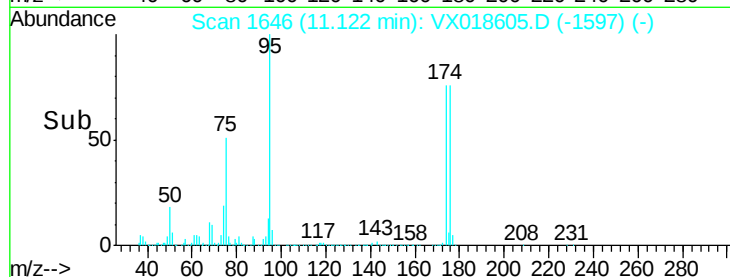
95 100

174 82.8 0.0 161.4

176 80.3 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX018605.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX018605.D

Acq: 25 Sep 2020 18:54

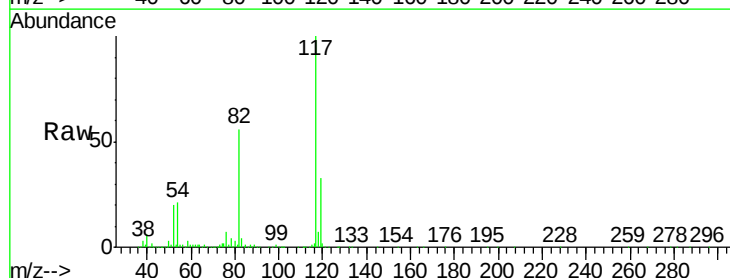
Tgt Ion: 117 Resp: 694689

Ion Ratio Lower Upper

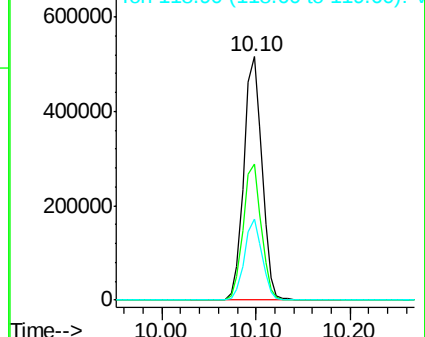
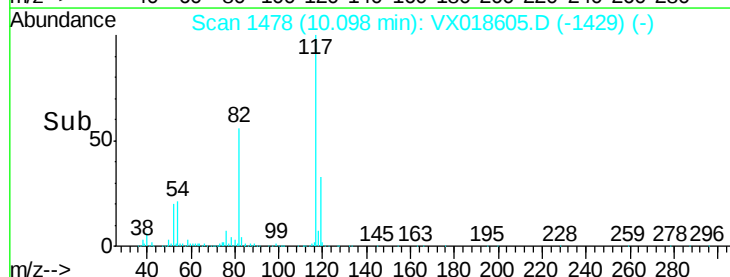
117 100

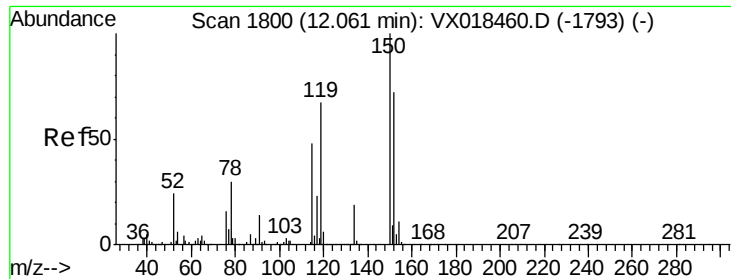
82 55.8 43.3 64.9

119 33.1 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VX018605.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018605.D

Acq: 25 Sep 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

MW-3

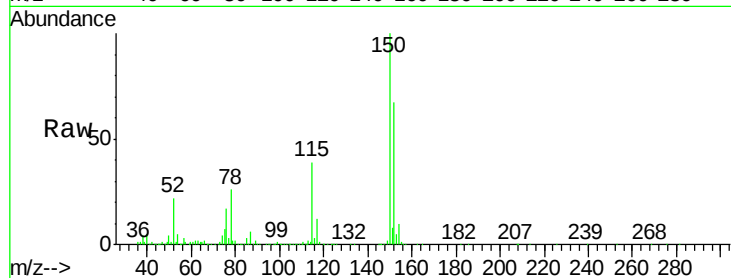
Tot Ion:152 Resp: 360947

Ion Ratio Lower Upper

152 100

115 57.9 41.8 125.4

150 153.2 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

