

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091820\
 Data File : VX018503.D
 Acq On : 18 Sep 2020 19:19
 Operator : JC/SP
 Sample : L4058-06DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7DL

Quant Time: Sep 21 03:49:12 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

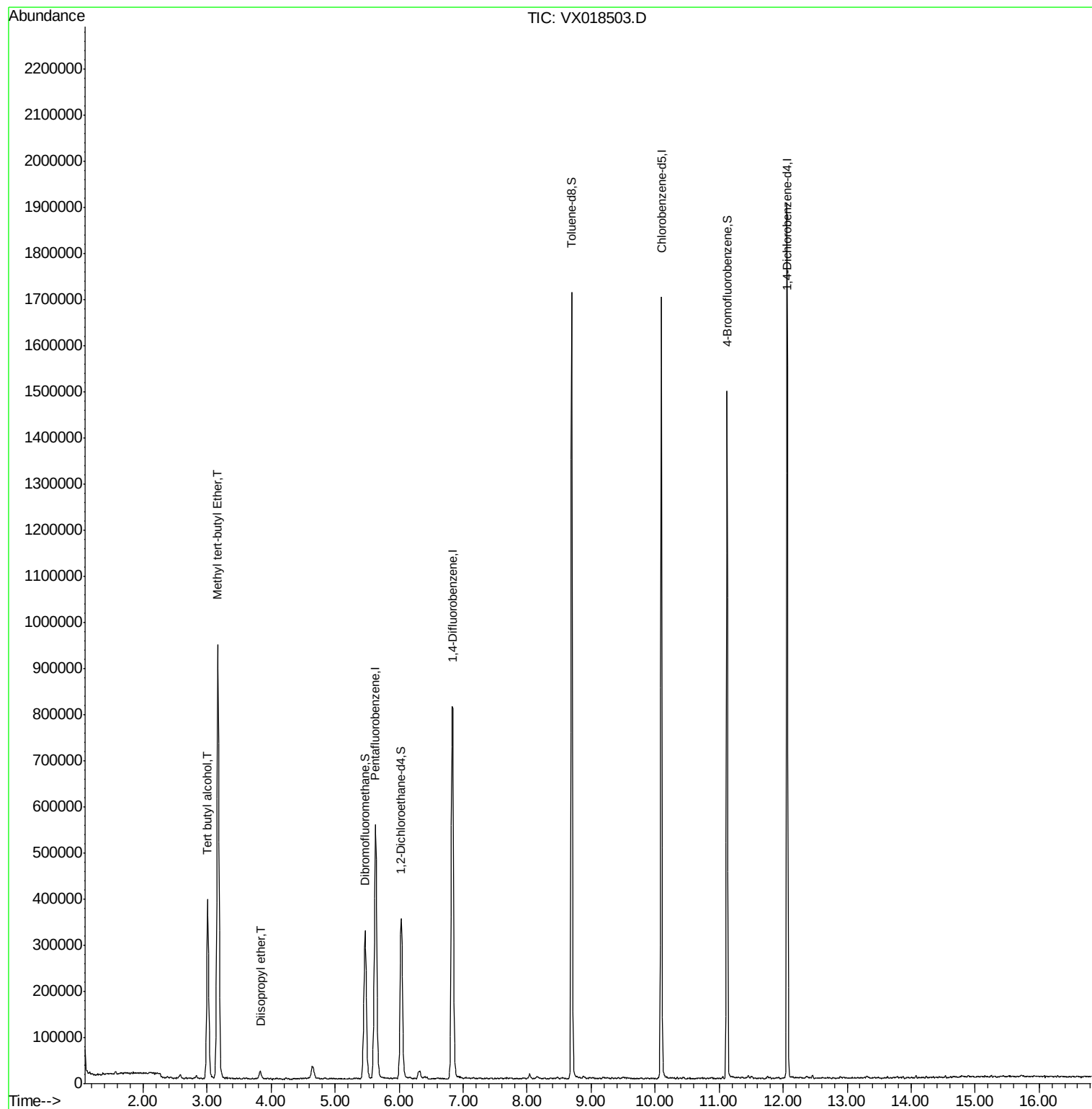
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	515406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	824742	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	779055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	377188	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	347627	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
35) Dibromofluoromethane	5.46	113	276255	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
50) Toluene-d8	8.70	98	1000323	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
62) 4-Bromofluorobenzene	11.12	95	370650	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.96%	
Target Compounds						
11) Tert butyl alcohol	3.01	59	470792	371.100	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1039569	59.330	ug/l	100
22) Diisopropyl ether	3.83	45	17471	0.961	ug/l #	69

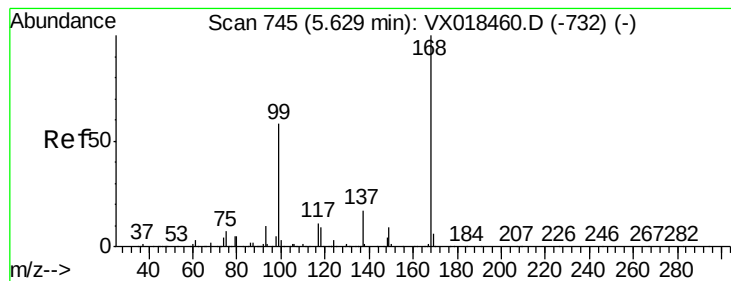
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX018503.D

Acq: 18 Sep 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

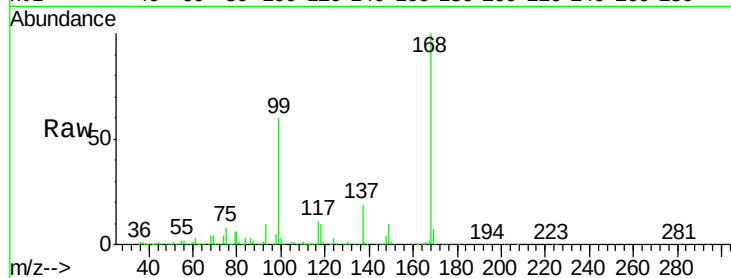
MW-7DL

Tot Ion:168 Resp: 515406

Ion Ratio Lower Upper

168 100

99 59.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

150000

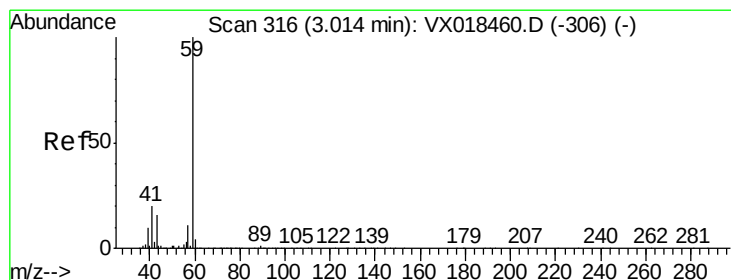
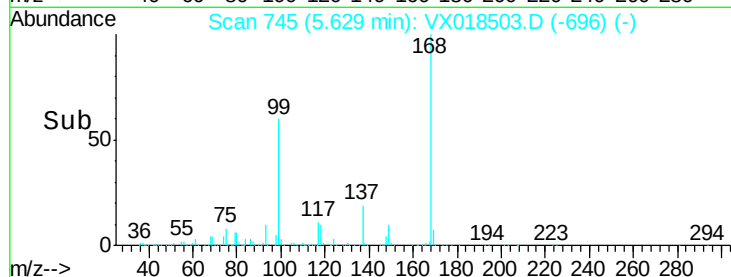
100000

50000

0

Time-->

5.50 5.60 5.70



#11

Tert butyl alcohol

Concen: 371.100 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX018503.D

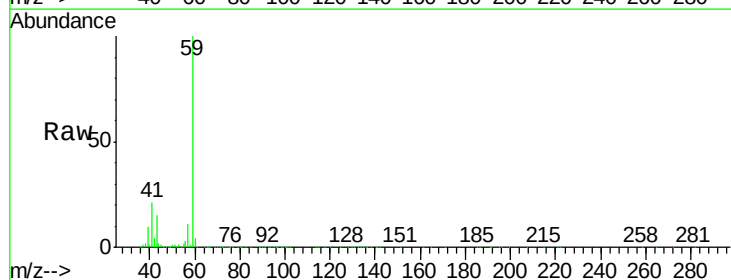
Acq: 18 Sep 2020 19:19

Tgt Ion: 59 Resp: 470792

Ion Ratio Lower Upper

59 100

57 10.6 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

250000

200000

150000

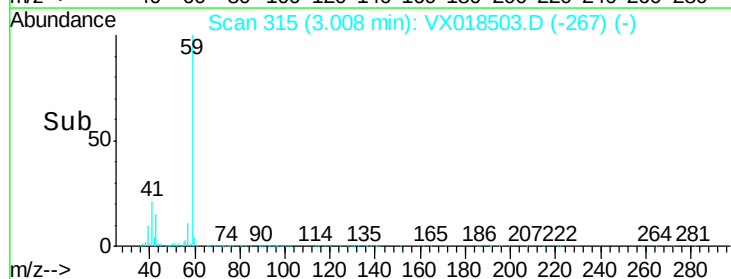
100000

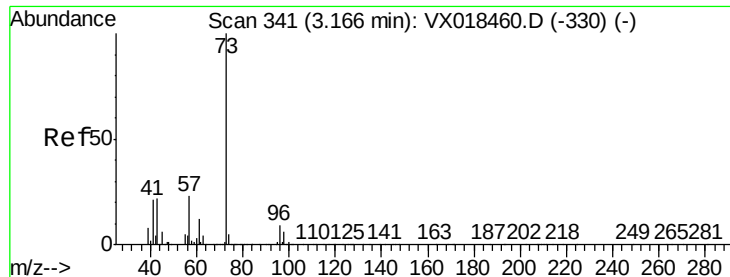
50000

0

Time-->

2.90 3.00 3.10



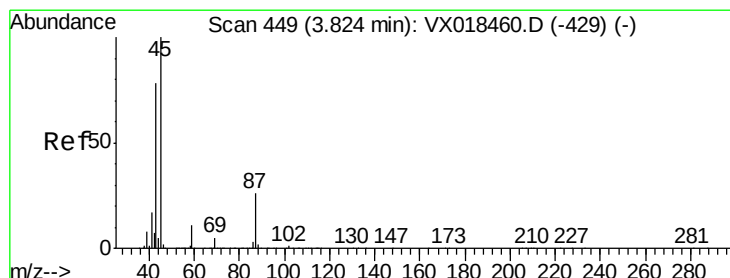
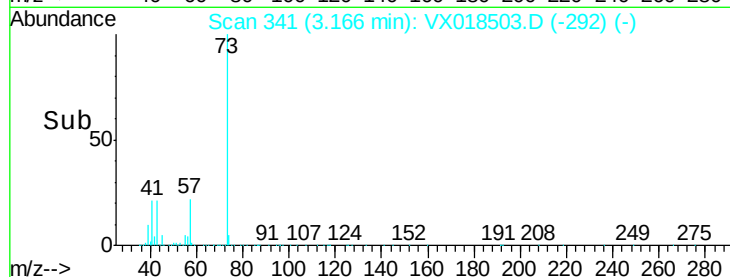
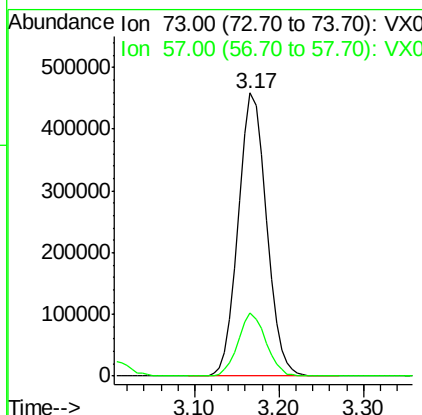
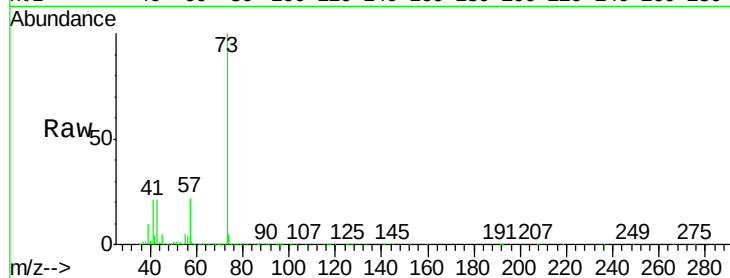


#19

Methyl tert-butyl Ether
 Concen: 59.330 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018503.D
 Acq: 18 Sep 2020 19:19

Instrument :
 MSVOA_X
 ClientSampled :
 MW-7DL

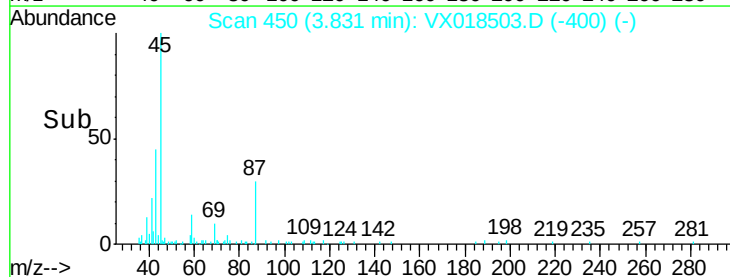
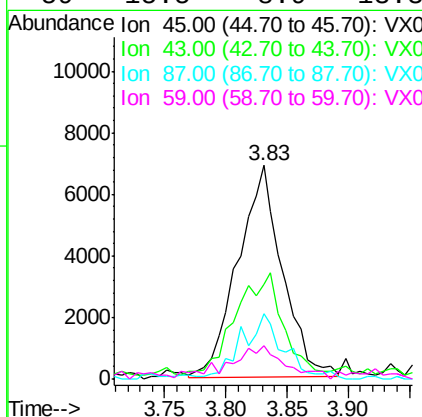
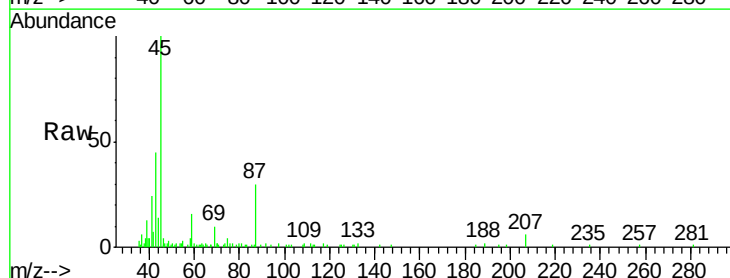
Tot Ion: 73 Resp: 1039569
 Ion Ratio Lower Upper
 73 100
 57 22.3 18.0 27.0

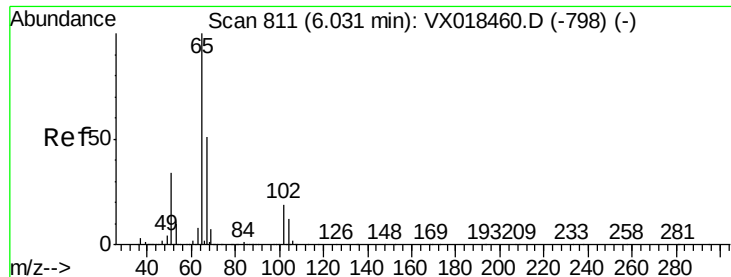


#22

Diisopropyl ether
 Concen: 0.961 ug/l
 RT: 3.83 min Scan# 450
 Delta R.T. 0.01 min
 Lab File: VX018503.D
 Acq: 18 Sep 2020 19:19

Tgt Ion: 45 Resp: 17471
 Ion Ratio Lower Upper
 45 100
 43 41.7 62.4 93.6#
 87 29.9 21.2 31.8
 59 15.5 8.9 13.3#

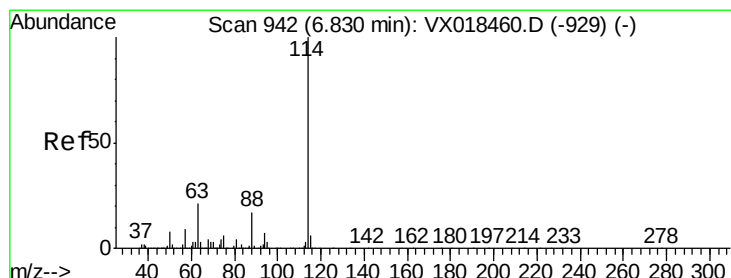
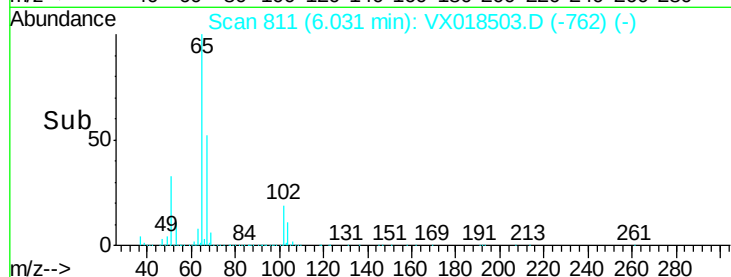
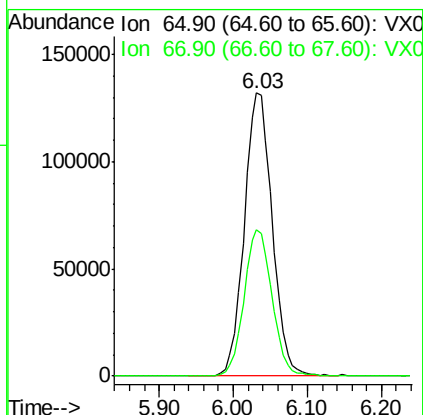
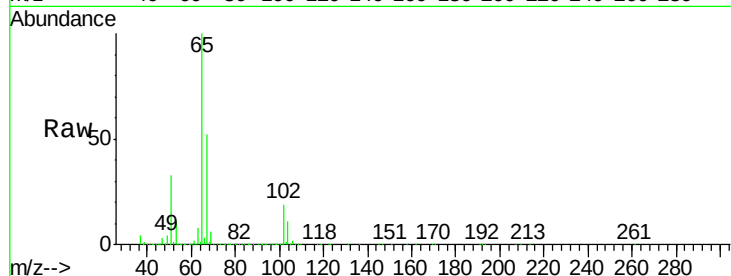




#33
 1,2-Dichloroethane-d4
 Concen: 47.678 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018503.D
 Acq: 18 Sep 2020 19:19

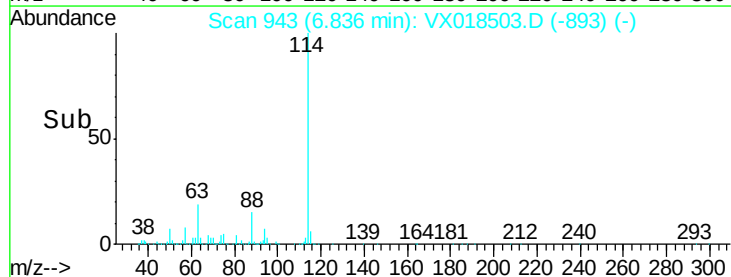
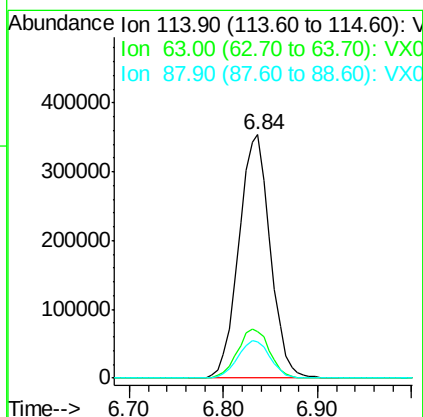
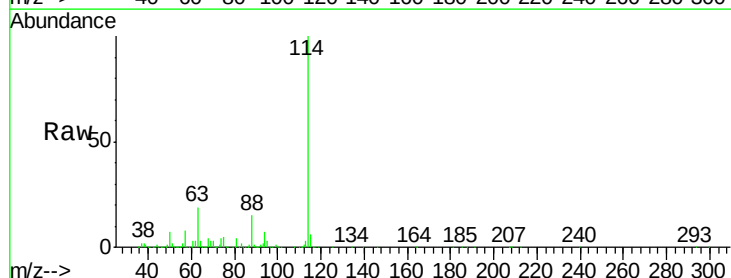
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7DL

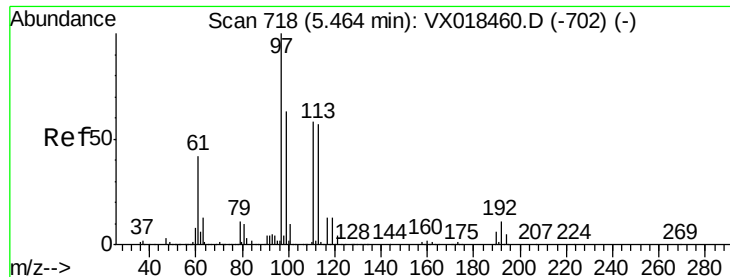
Tot Ion: 65 Resp: 347627
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX018503.D
 Acq: 18 Sep 2020 19:19

Tgt Ion: 114 Resp: 824742
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.8
 88 15.1 0.0 33.6





#35

Dibromofluoromethane

Concen: 48.452 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018503.D

Acq: 18 Sep 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

MW-7DL

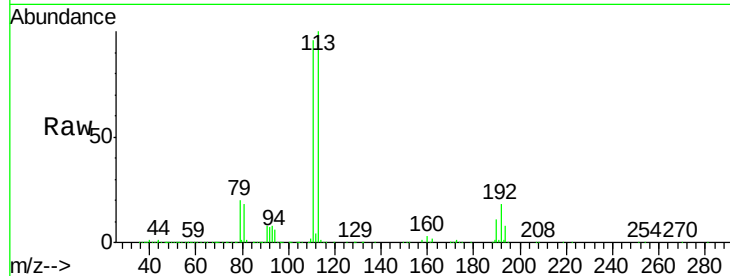
Tot Ion:113 Resp: 276255

Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.2

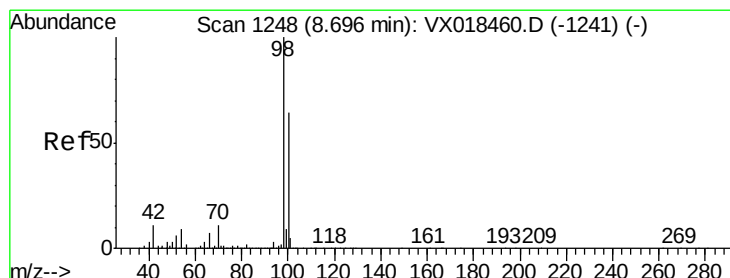
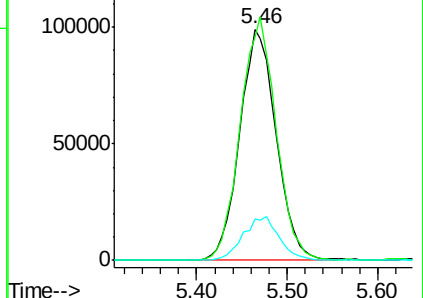
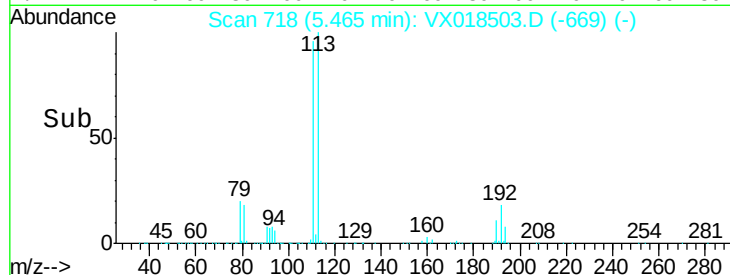
192 18.7 16.6 24.8



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: 48.288 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018503.D

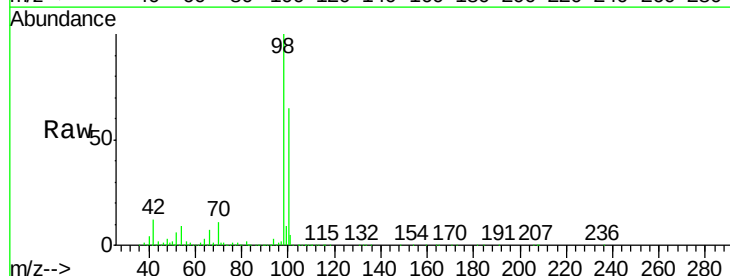
Acq: 18 Sep 2020 19:19

Tgt Ion: 98 Resp: 1000323

Ion Ratio Lower Upper

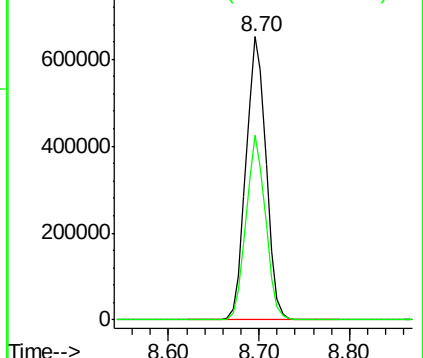
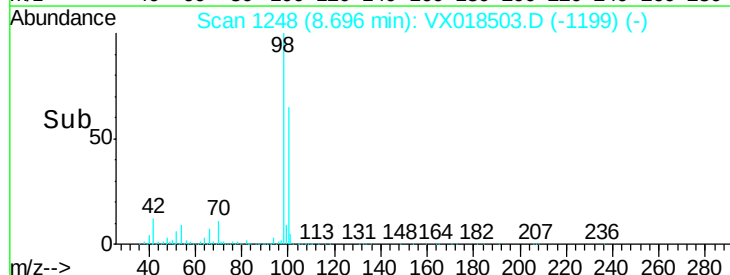
98 100

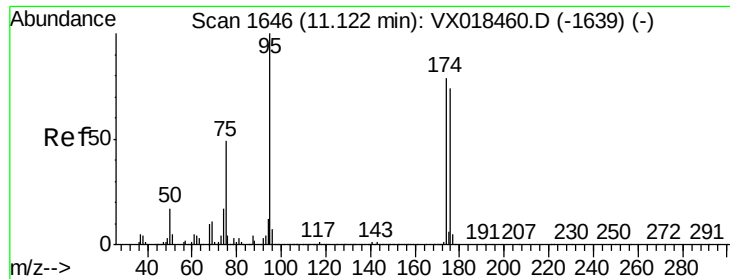
100 63.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

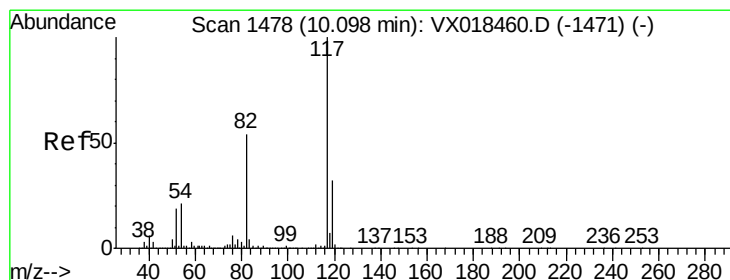
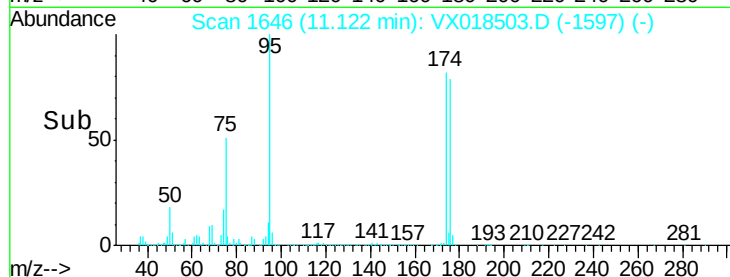
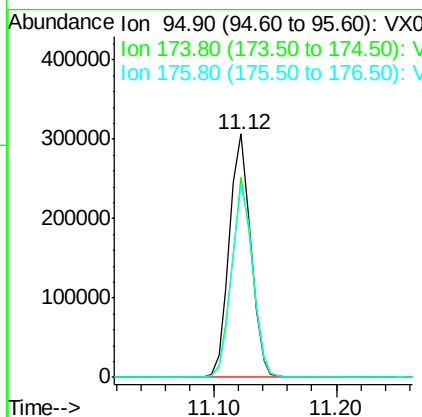
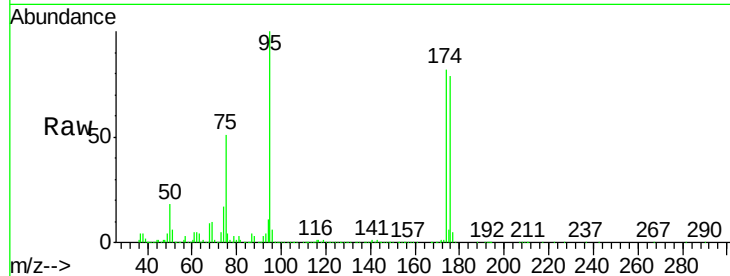




#62
4-Bromofluorobenzene
Concen: 44.981 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018503.D
Acq: 18 Sep 2020 19:19

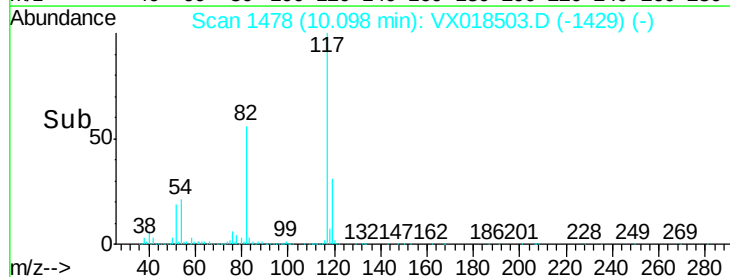
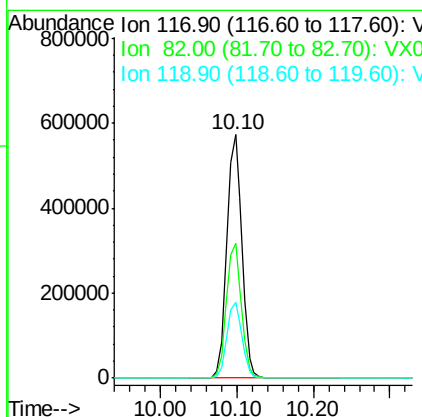
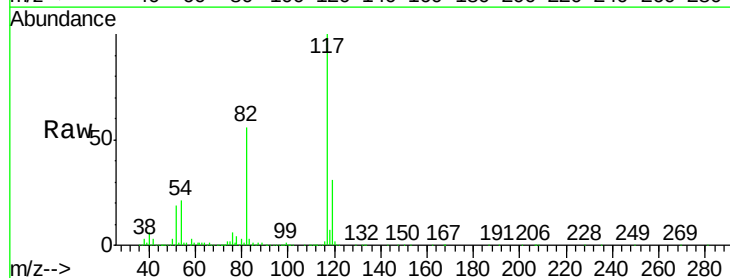
Instrument :
MSVOA_X
ClientSampleId :
MW-7DL

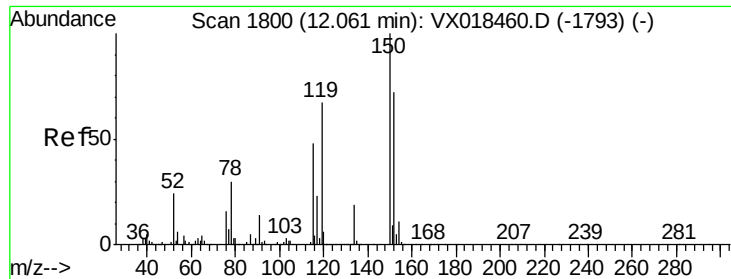
Tot Ion	Ratio	Lower	Upper
95	100		
174	79.5	0.0	161.4
176	78.6	0.0	151.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018503.D
Acq: 18 Sep 2020 19:19

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.3	64.9
119	31.4	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: VX018503.D

Acq: 18 Sep 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

MW-7DL

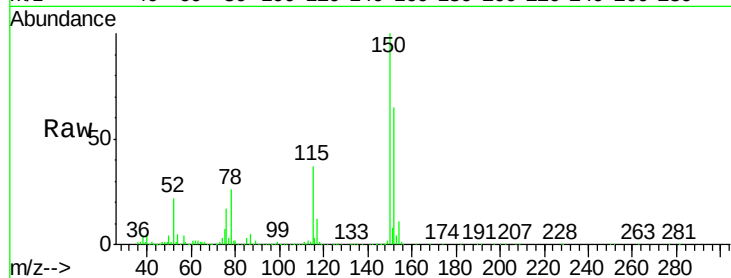
Tot Ion:152 Resp: 377188

Ion Ratio Lower Upper

152 100

115 59.6 41.8 125.4

150 160.1 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

