

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091720\
 Data File : VX018473.D
 Acq On : 17 Sep 2020 17:55
 Operator : JC/SP
 Sample : L4058-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Sep 18 07:12:02 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

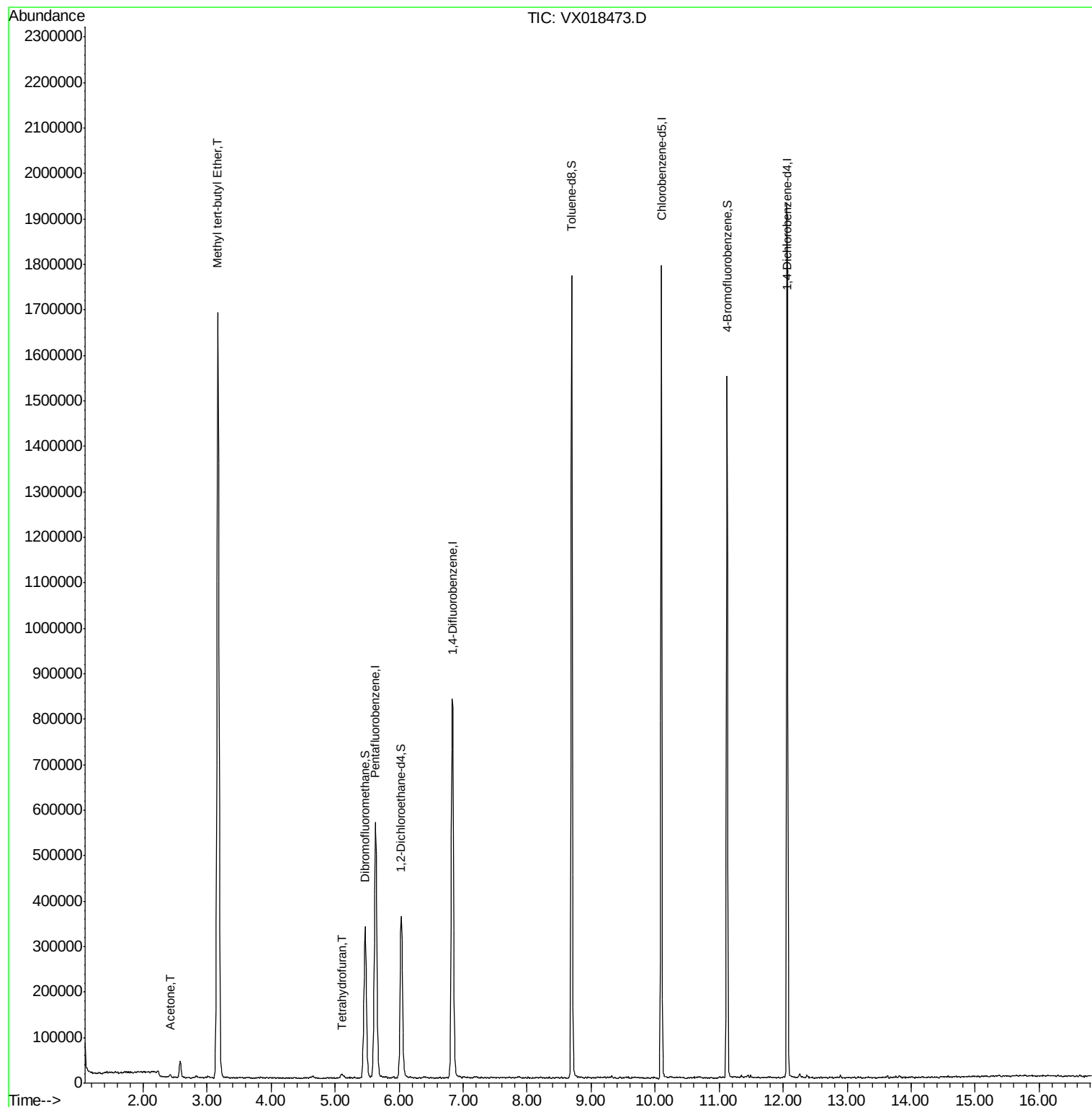
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	521934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	854519	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	806053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	395108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	356553	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
35) Dibromofluoromethane	5.47	113	287545	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
50) Toluene-d8	8.70	98	1030602	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
62) 4-Bromofluorobenzene	11.12	95	387984	45.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.88%	
Target Compounds						
16) Acetone	2.42	43	6502	2.303	ug/l #	82
19) Methyl tert-butyl Ether	3.17	73	1891103	106.579	ug/l	98
29) Tetrahydrofuran	5.10	42	9418	3.398	ug/l #	84

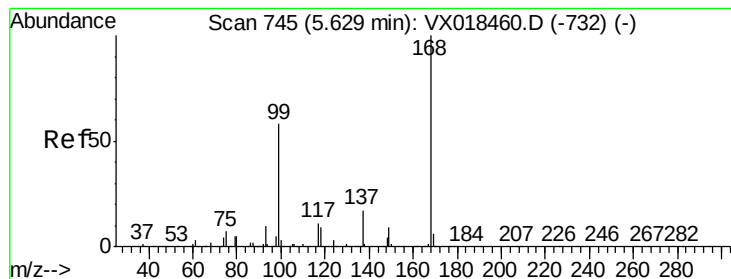
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX018473.D

Acq: 17 Sep 2020 17:55

Instrument :

MSVOA_X

ClientSampleId :

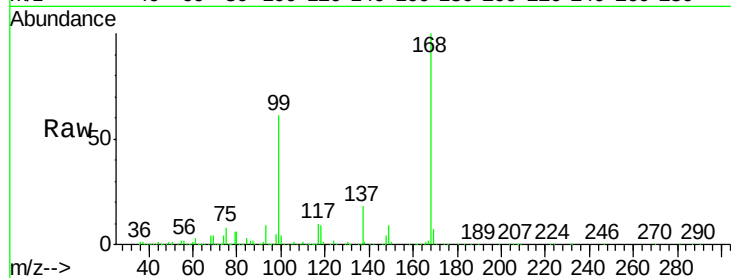
MW-4

Tot Ion:168 Resp: 521934

Ion Ratio Lower Upper

168 100

99 61.2 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

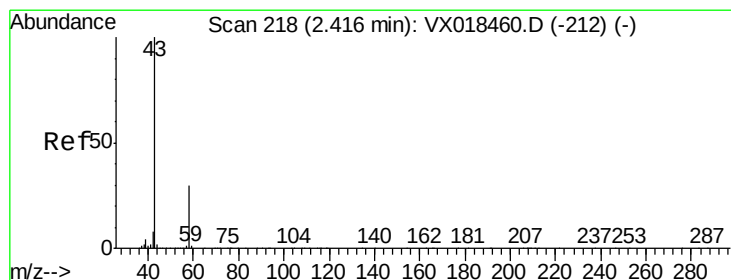
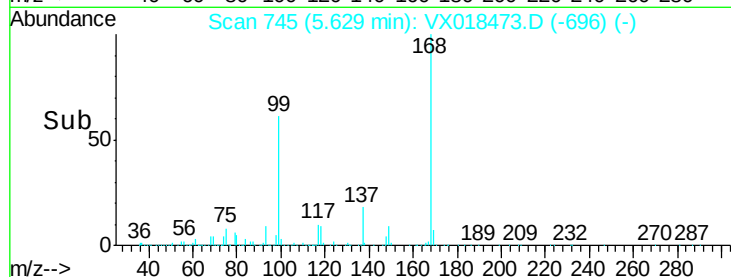
Time-->

5.50

5.60

5.70

5.80



#16

Acetone

Concen: 2.303 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018473.D

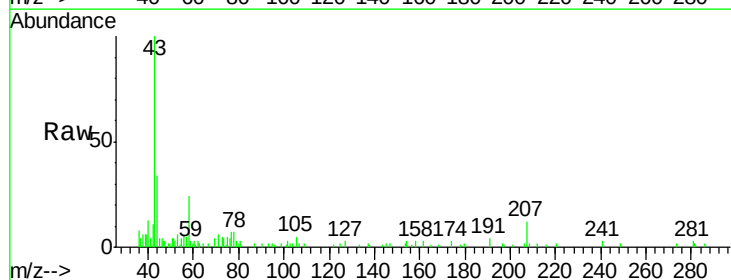
Acq: 17 Sep 2020 17:55

Tgt Ion: 43 Resp: 6502

Ion Ratio Lower Upper

43 100

58 20.1 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

5000

4000

3000

2000

1000

0

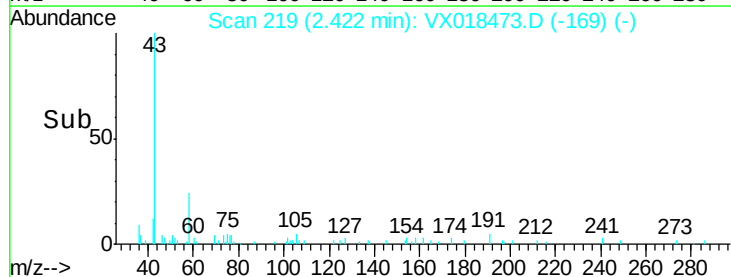
Time-->

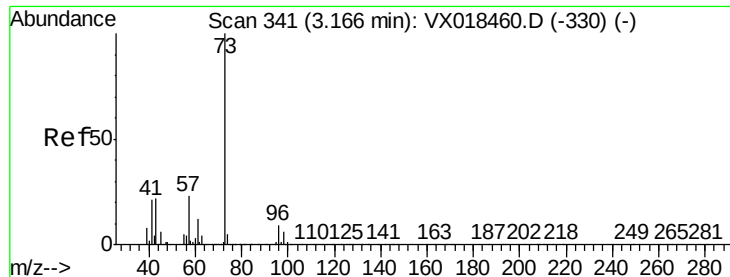
2.35

2.40

2.45

2.50



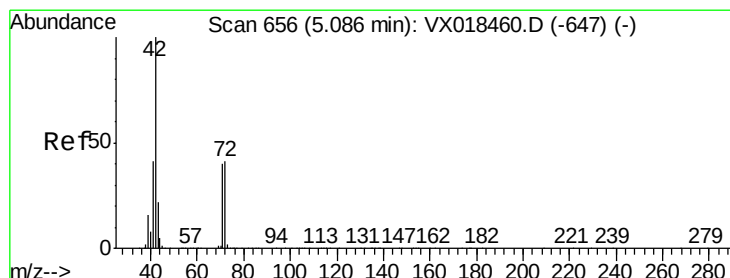
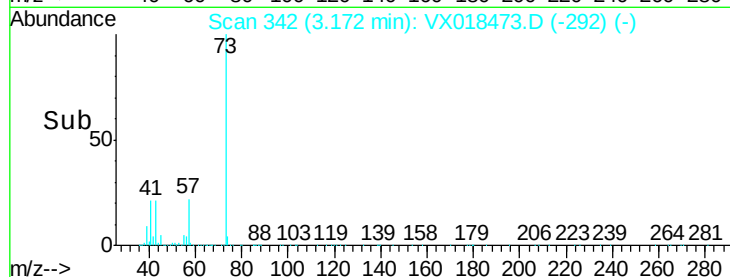
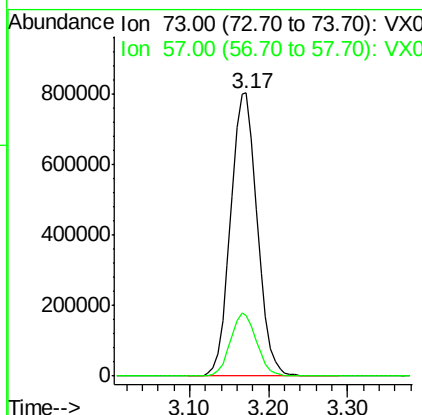
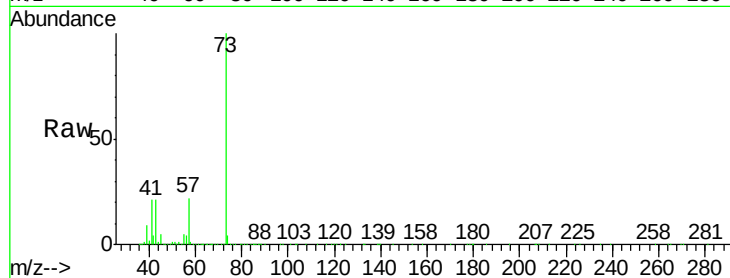


#19

Methyl tert-butyl Ether
 Concen: 106.579 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX018473.D
 Acq: 17 Sep 2020 17:55

Instrument :
 MSVOA_X
 ClientSampled :
 MW-4

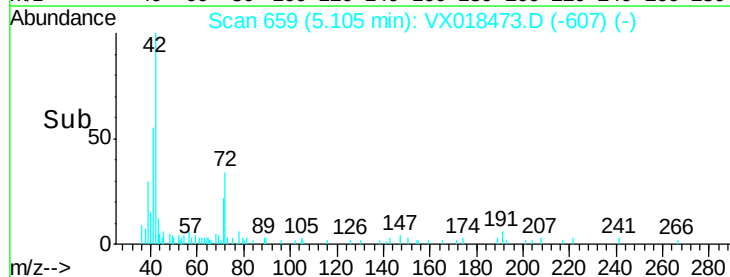
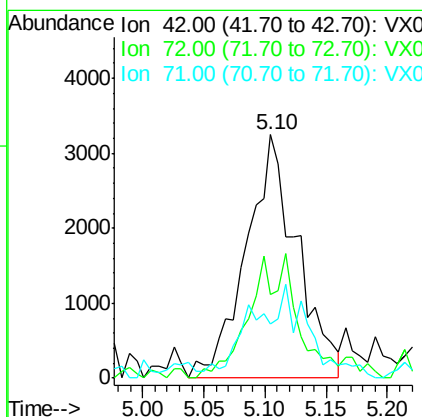
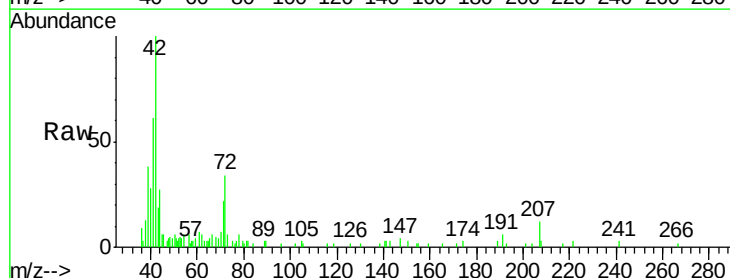
Tot Ion: 73 Resp: 1891103
 Ion Ratio Lower Upper
 73 100
 57 21.5 18.0 27.0

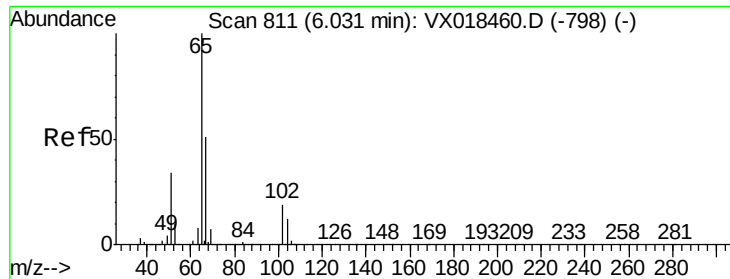


#29

Tetrahydrofuran
 Concen: 3.398 ug/l
 RT: 5.10 min Scan# 659
 Delta R.T. 0.02 min
 Lab File: VX018473.D
 Acq: 17 Sep 2020 17:55

Tgt Ion: 42 Resp: 9418
 Ion Ratio Lower Upper
 42 100
 72 46.9 34.3 51.5
 71 23.9 32.1 48.1#

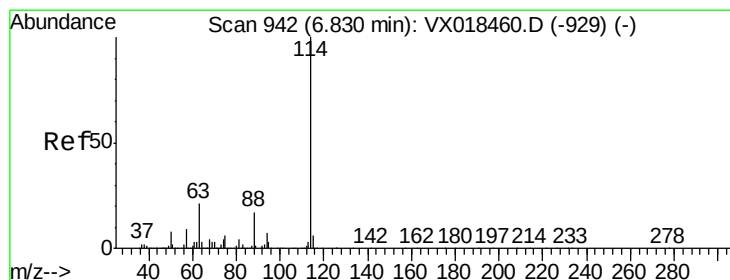
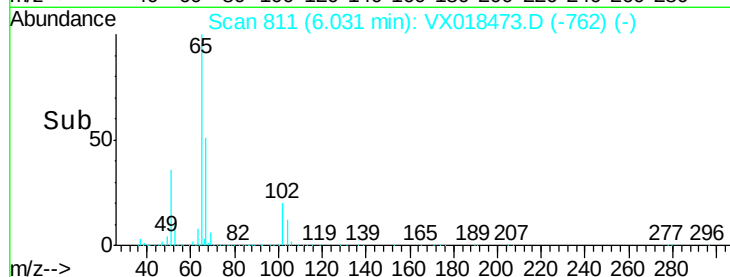
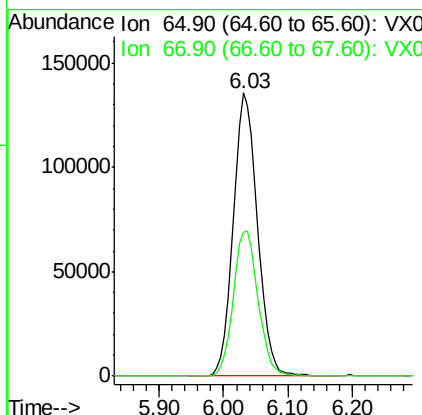
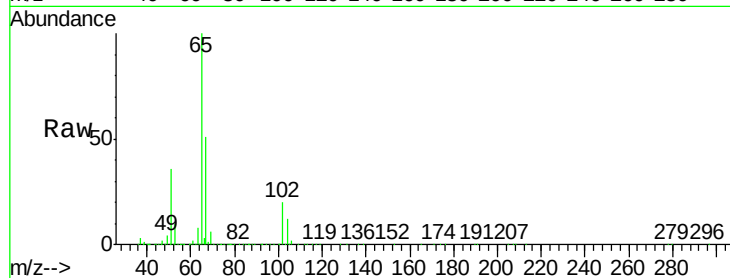




#33
 1,2-Dichloroethane-d4
 Concen: 48.290 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018473.D
 Acq: 17 Sep 2020 17:55

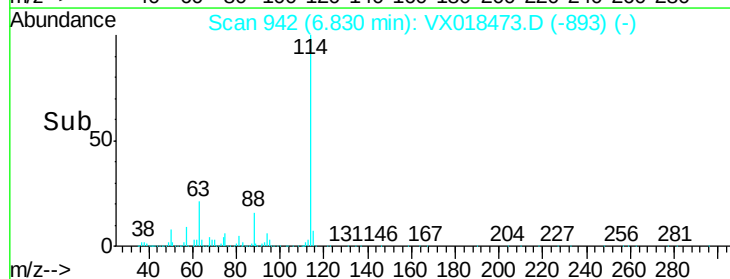
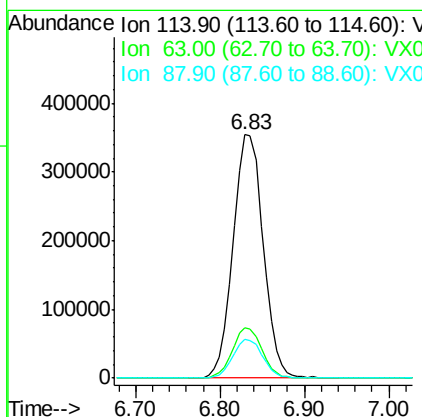
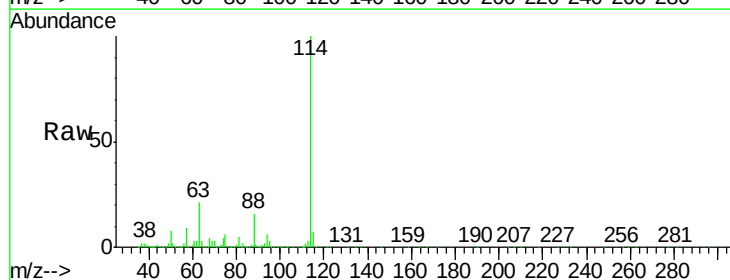
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

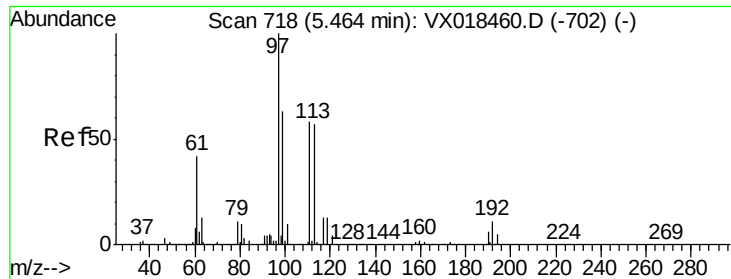
Tot Ion: 65 Resp: 356553
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX018473.D
 Acq: 17 Sep 2020 17:55

Tgt Ion: 114 Resp: 854519
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.8
 88 15.9 0.0 33.6

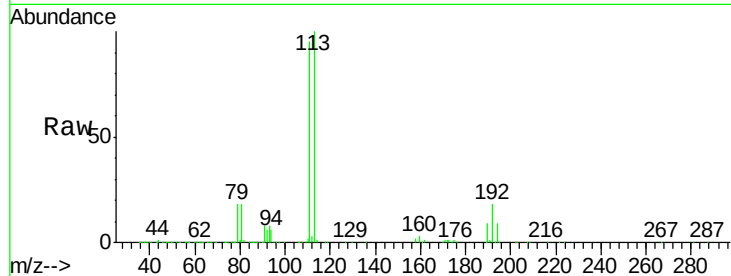




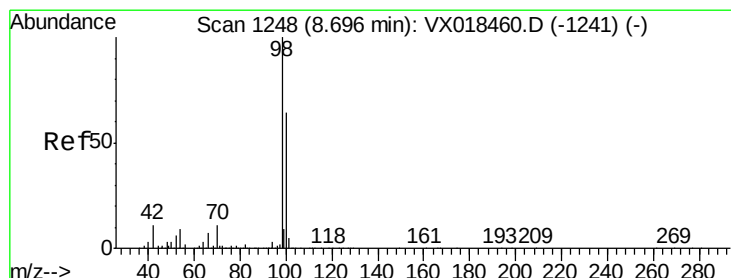
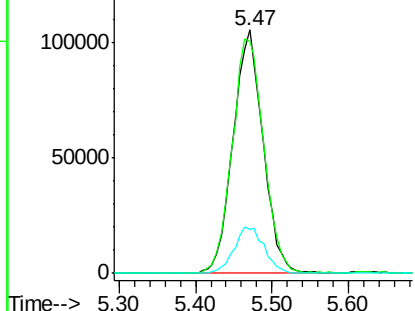
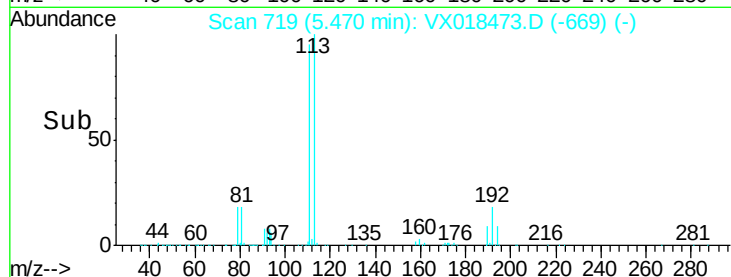
#35
 Dibromofluoromethane
 Concen: 48.675 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX018473.D
 Acq: 17 Sep 2020 17:55

Instrument :
 MSVOA_X
 ClientSampled :
 MW-4

Tot Ion: 113 Resp: 287545
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.4 122.2
 192 19.2 16.6 24.8

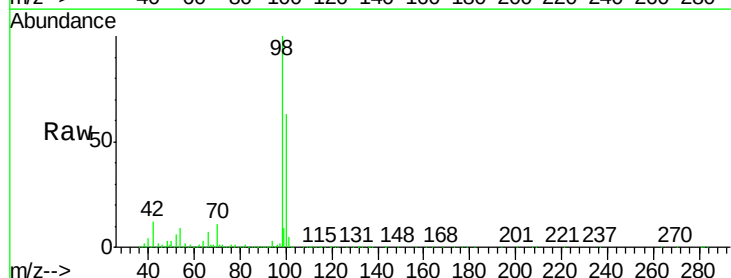


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

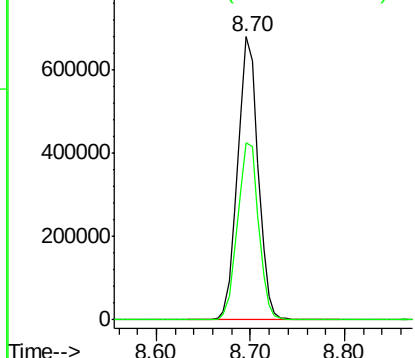
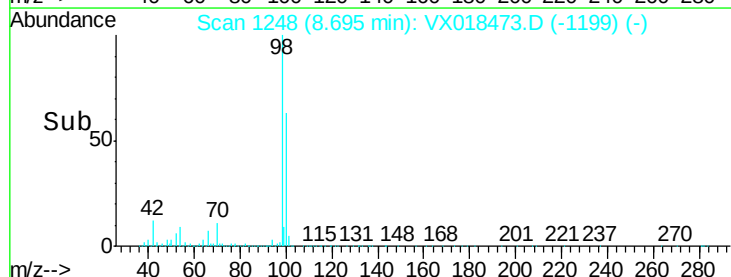


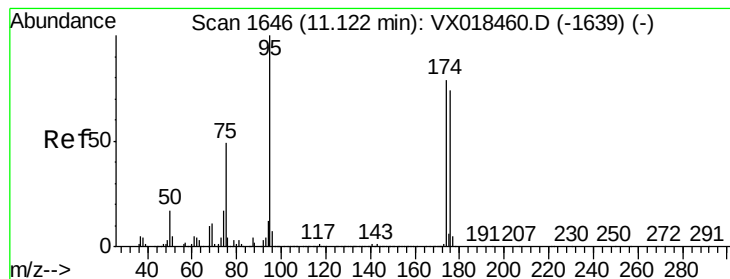
#50
 Toluene-d8
 Concen: 48.016 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX018473.D
 Acq: 17 Sep 2020 17:55

Tgt Ion: 98 Resp: 1030602
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.443 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018473.D

Acq: 17 Sep 2020 17:55

Instrument :

MSVOA_X

ClientSampleId :

MW-4

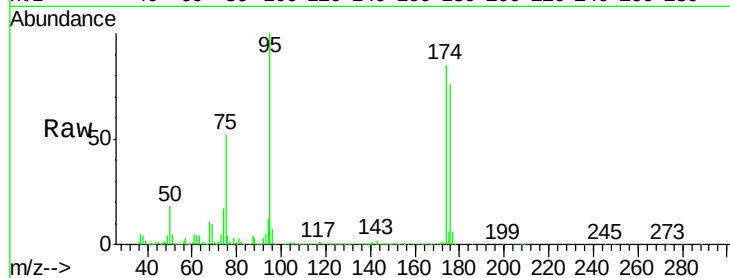
Tot Ion: 95 Resp: 387984

Ion Ratio Lower Upper

95 100

174 82.4 0.0 161.4

176 77.6 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX018460.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX018460.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX018460.D (-1639) (-)

11.12

300000

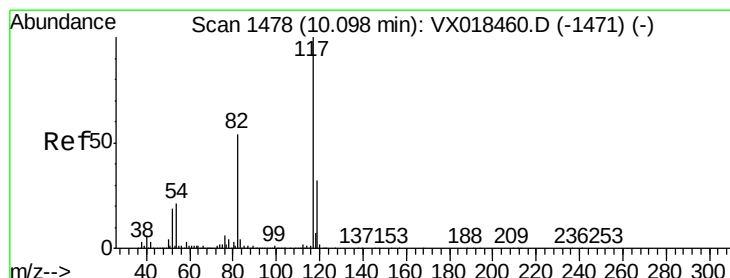
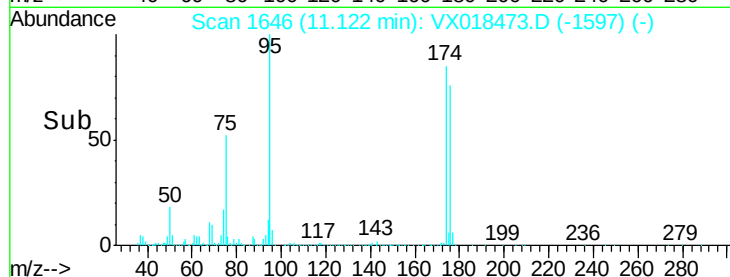
200000

100000

0

11.10 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018473.D

Acq: 17 Sep 2020 17:55

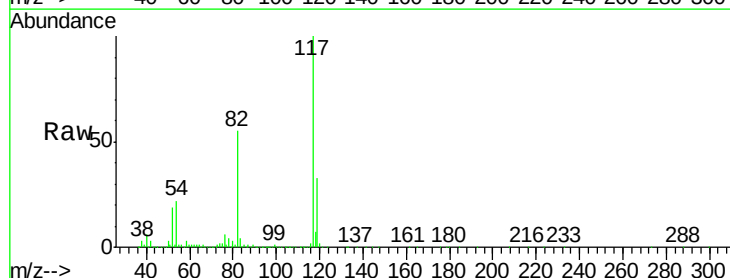
Tgt Ion: 117 Resp: 806053

Ion Ratio Lower Upper

117 100

82 54.9 43.3 64.9

119 32.5 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VX018460.D (-1471) (-)

Ion 82.00 (81.70 to 82.70): VX018460.D (-1471) (-)

Ion 118.90 (118.60 to 119.60): VX018460.D (-1471) (-)

10.10

800000

600000

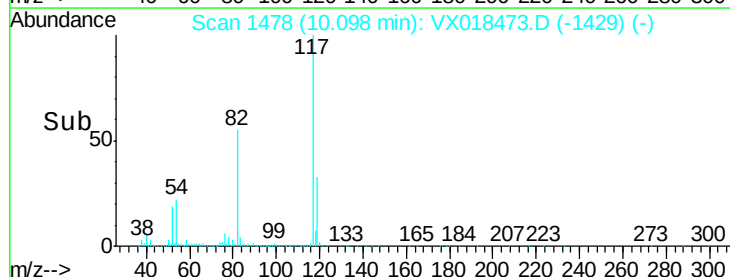
400000

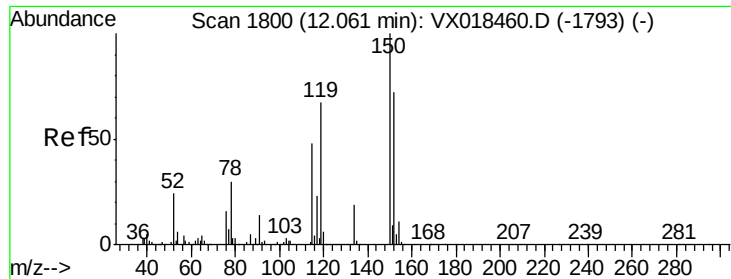
200000

0

10.00 10.10 10.20

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018473.D

Acq: 17 Sep 2020 17:55

Instrument :

MSVOA_X

ClientSampleId :

MW-4

Tot Ion:152 Resp: 395108

Ion Ratio Lower Upper

152 100

115 60.9 41.8 125.4

150 155.8 0.0 342.4

