

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 19 01:58:24 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	356885	46.59	ug/l	0.00
Spiked Amount			Recovery	=	93.18%	
35) Dibromofluoromethane	5.47	113	285887	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	
50) Toluene-d8	8.70	98	1052037	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	11.12	95	392617	45.79	ug/l	0.00
Spiked Amount			Recovery	=	91.58%	

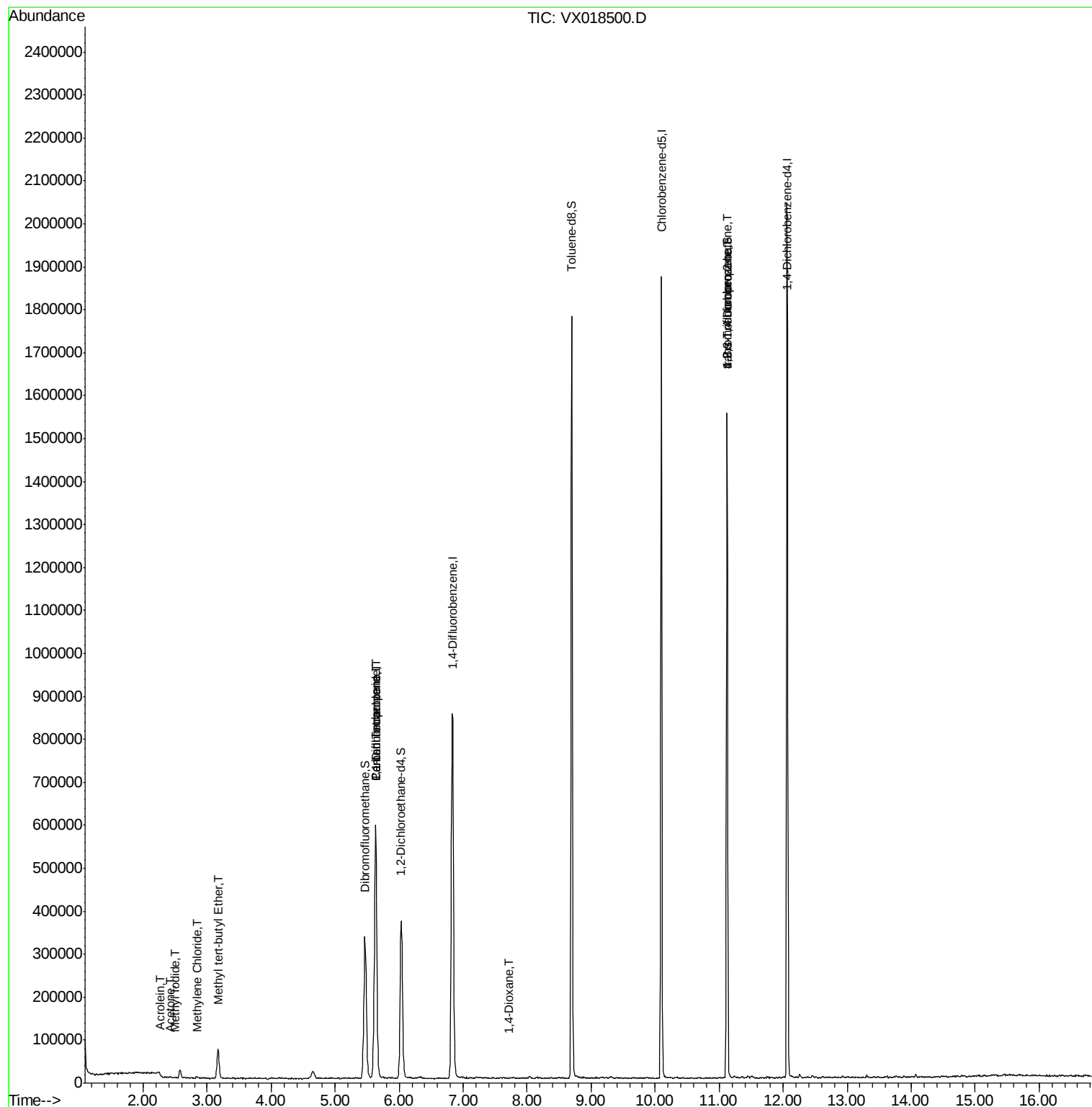
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	302	4.957	ug/l #	78
13) Acrolein	2.27	56	666	0.789	ug/l #	20
16) Acetone	2.42	43	2637	0.900	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	79201	4.303	ug/l	99
20) Methylene Chloride	2.83	84	2114	0.327	ug/l #	58
36) 1,1-Dichloropropene	5.63	75	42078	5.051	ug/l #	52
38) Carbon Tetrachloride	5.63	117	55455	6.011	ug/l #	19
49) 1,4-Dioxane	7.71	88	83	0.699	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	201890	23.408	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	201890	59.983	ug/l #	12

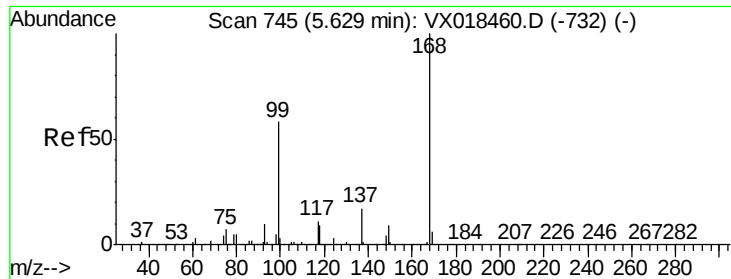
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091820\
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Quant Time: Sep 19 01:58:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
Quant Title : SW846 8260
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

ClientSampleId :

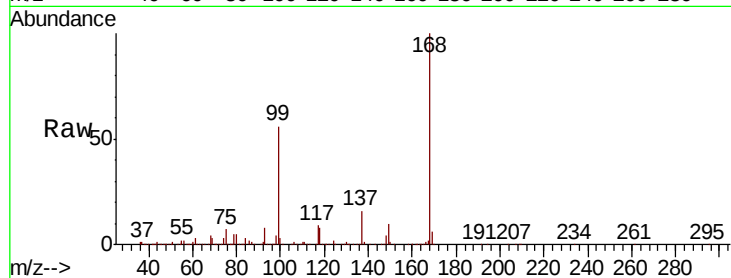
MW-5

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

5.63

200000

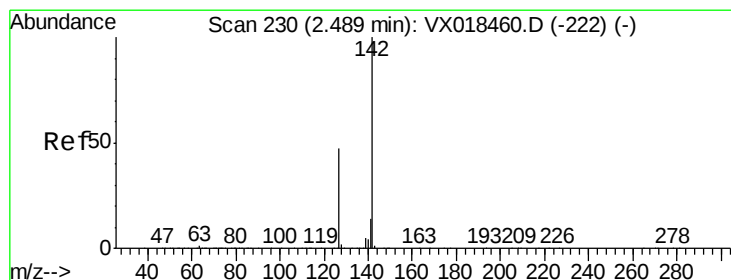
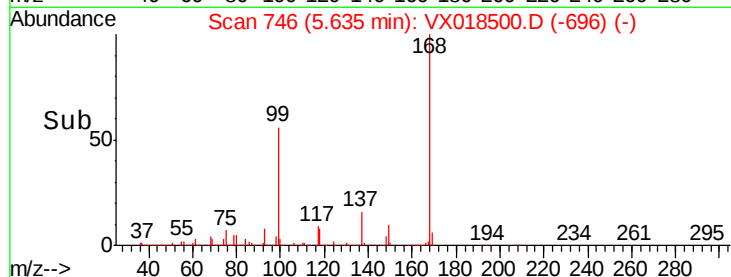
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 4.957 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX018500.D

Acq: 18 Sep 2020 18:11

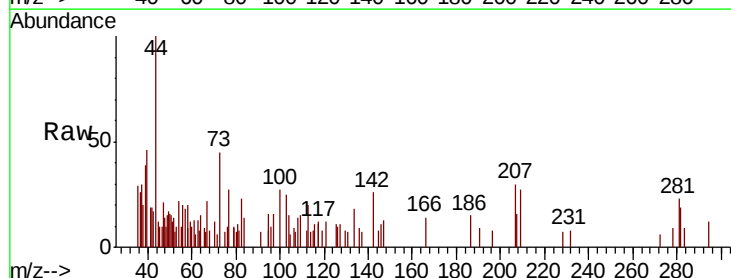
Tgt Ion:142 Resp: 302

Ion Ratio Lower Upper

142 100

127 56.0 36.0 54.0#

141 0.0 11.9 17.9#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.50

300

250

200

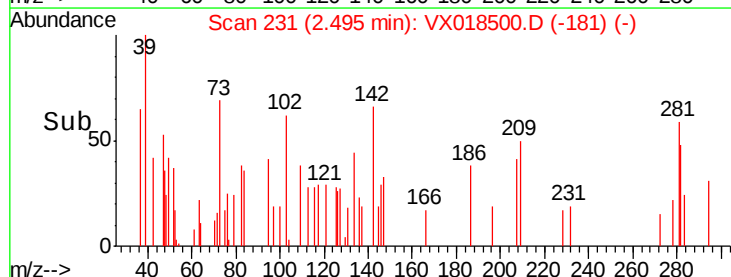
150

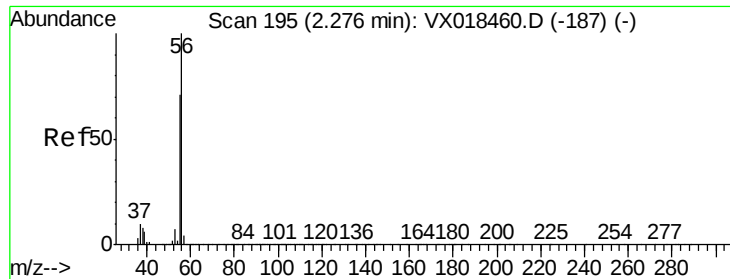
100

50

0

Time-->

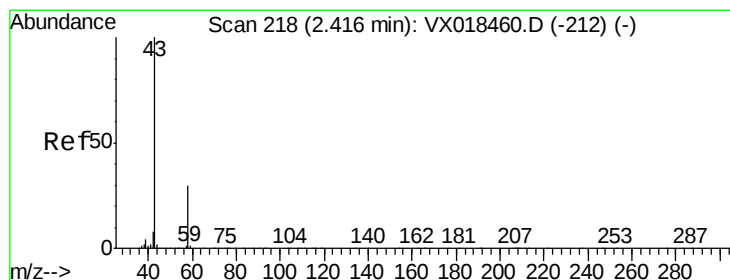
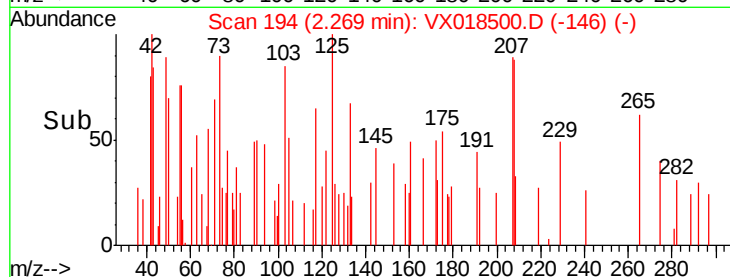
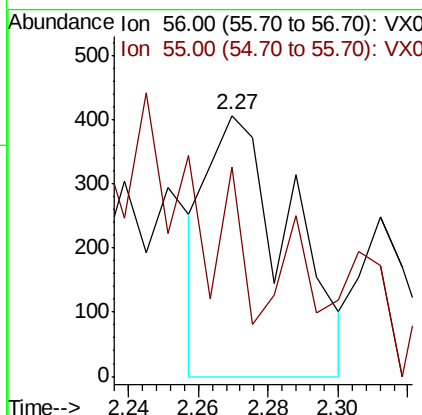
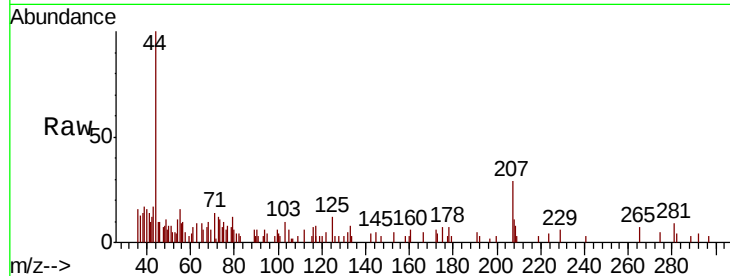




#13
Acrolein
Concen: 0.789 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018500.D
Acq: 18 Sep 2020 18:11

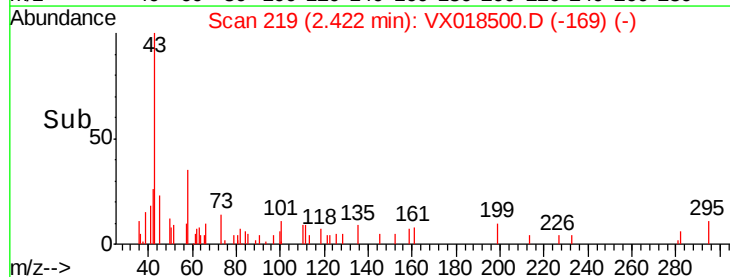
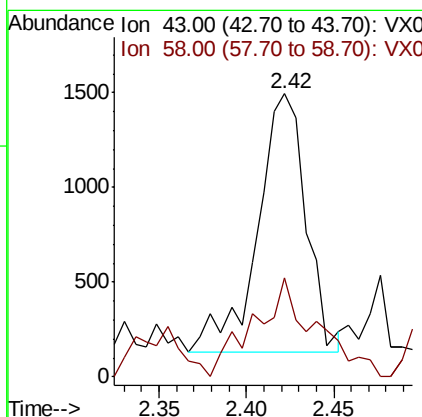
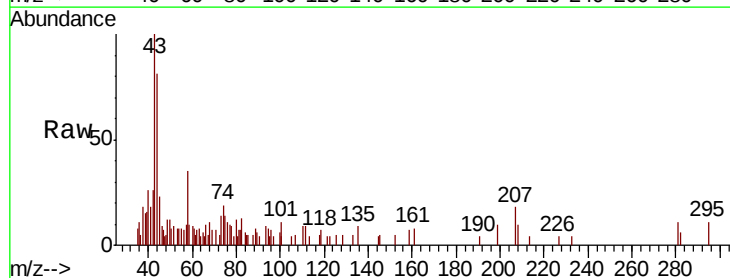
Instrument :
MSVOA_X
ClientSampleId :
MW-5

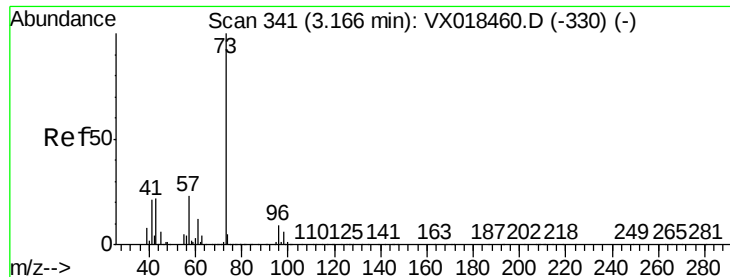
Tot Ion: 56 Resp: 666
Ion Ratio Lower Upper
56 100
55 6.2 58.2 87.4#



#16
Acetone
Concen: 0.900 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.01 min
Lab File: VX018500.D
Acq: 18 Sep 2020 18:11

Tgt Ion: 43 Resp: 2637
Ion Ratio Lower Upper
43 100
58 32.4 24.0 36.0



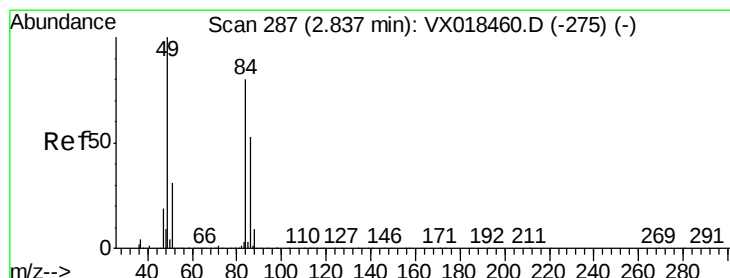
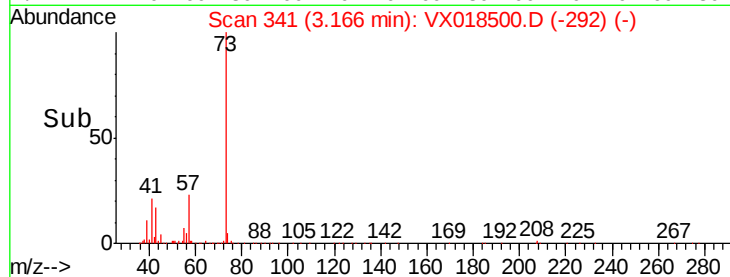
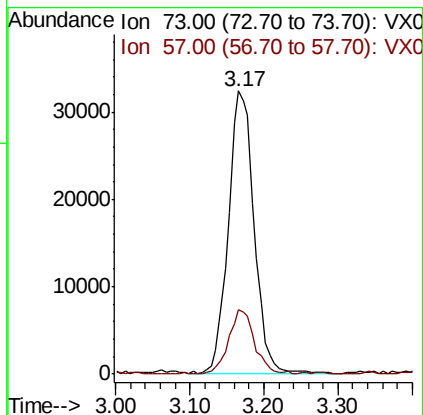
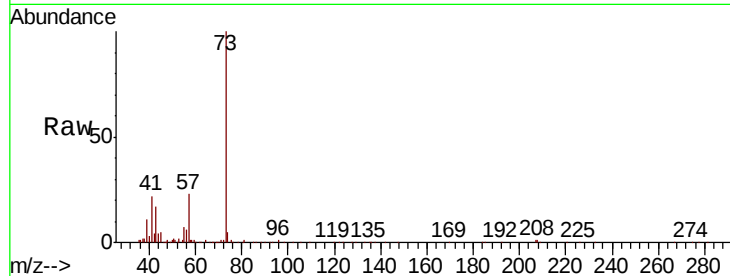


#19

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

Instrument :
 MSVOA_X
 ClientSampled :
 MW-5

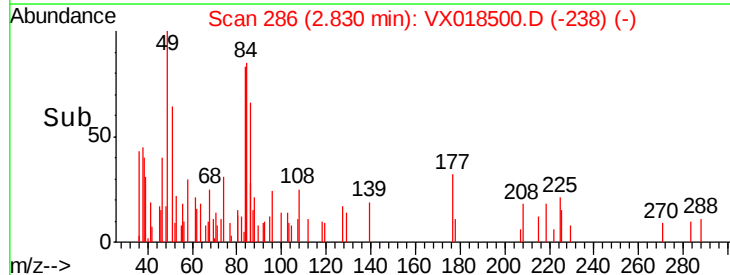
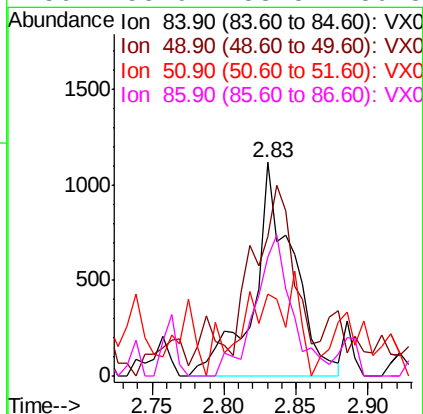
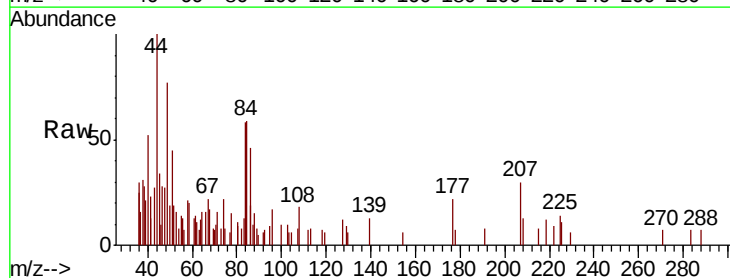
Tot Ion: 73 Resp: 79201
 Ion Ratio Lower Upper
 73 100
 57 23.0 18.0 27.0

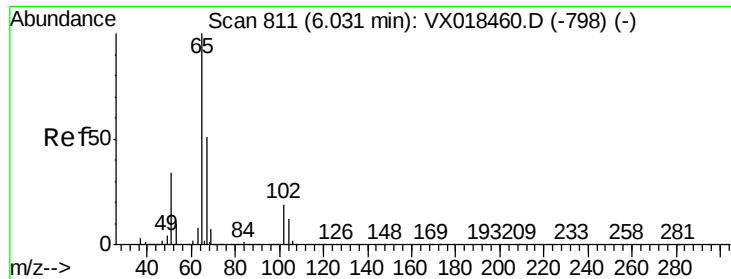


#20

Methylene Chloride
 Concen: 0.327 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX018500.D
 Acq: 18 Sep 2020 18:11

Tgt Ion: 84 Resp: 2114
 Ion Ratio Lower Upper
 84 100
 49 60.5 100.6 151.0#
 51 13.0 30.9 46.3#
 86 55.9 53.5 80.3





#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

ClientSampleId :

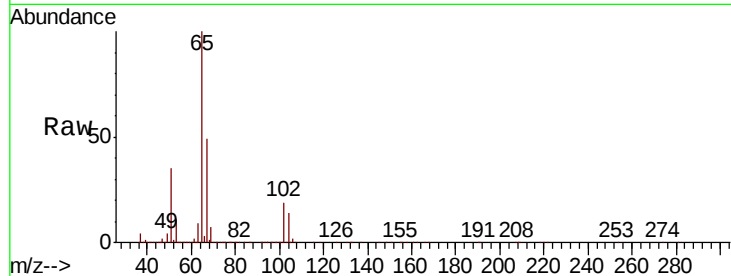
MW-5

Tot Ion: 65 Resp: 356885

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

150000

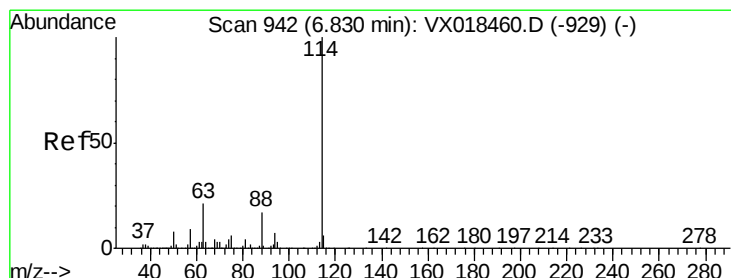
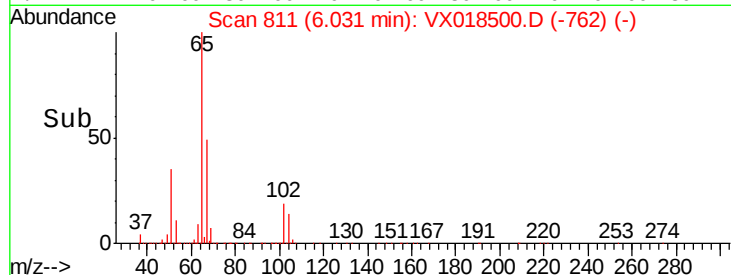
100000

50000

0

Time-->

5.90 6.00 6.10



#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

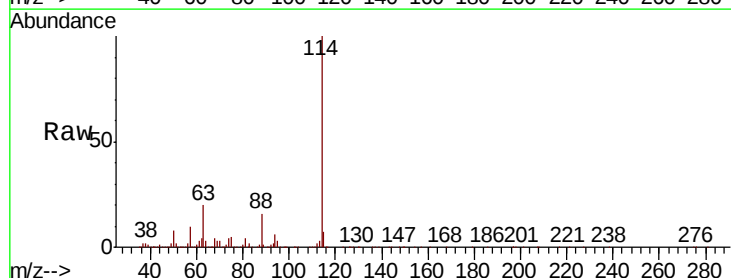
Tgt Ion: 114 Resp: 858229

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.8

88 16.4 0.0 33.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

500000

400000

300000

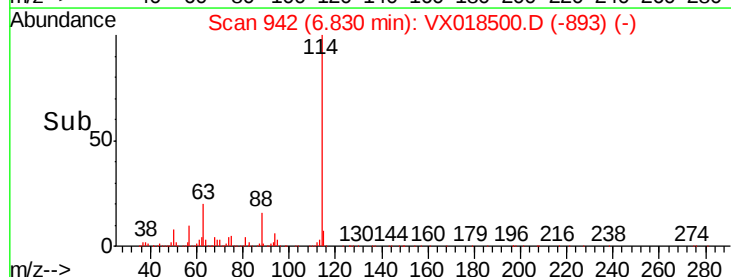
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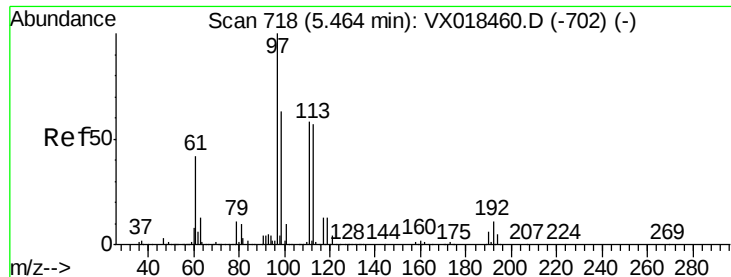
100000

0

Time-->

6.70 6.80 6.90 7.00

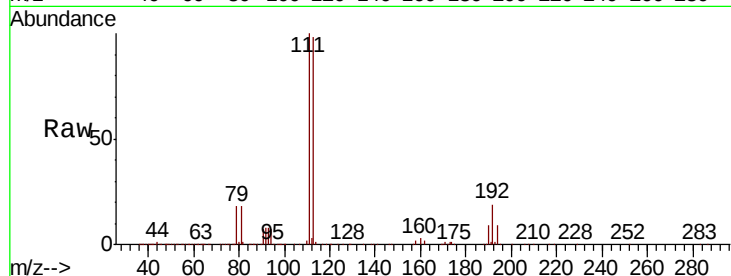




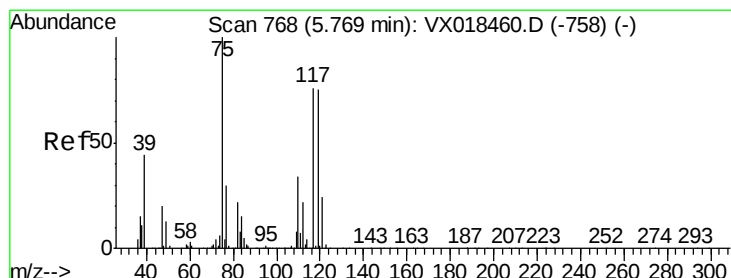
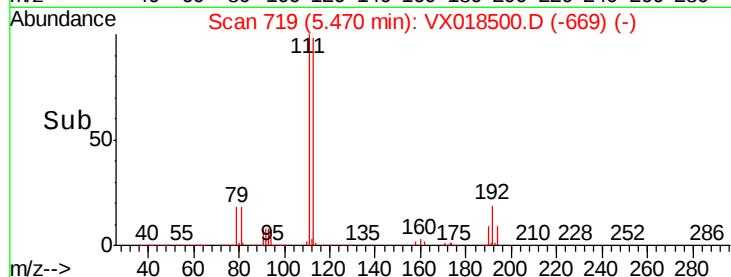
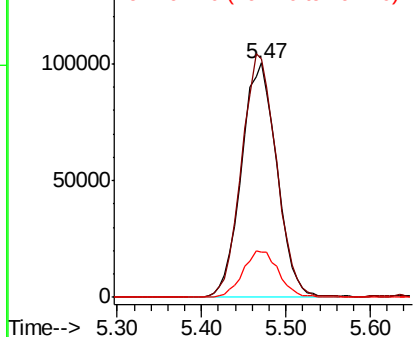
#35
 Dibromofluoromethane
 Concen: 48.185 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX018500.D
 Acq: 18 Sep 2020 18:11

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

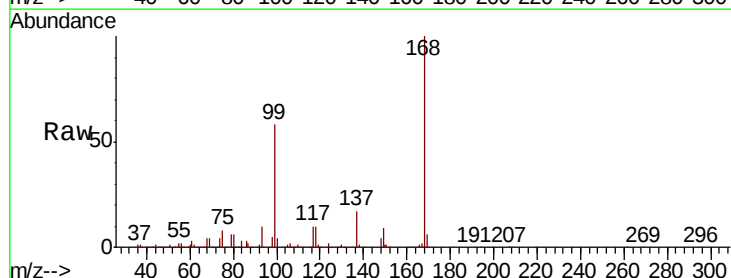


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

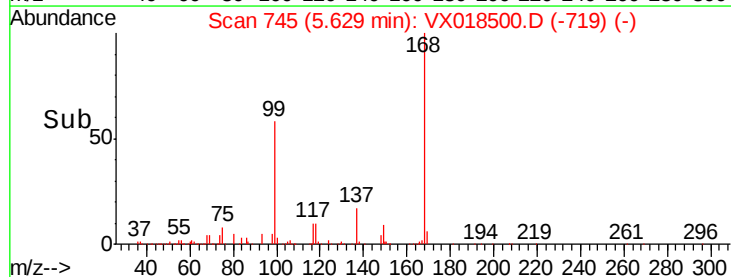
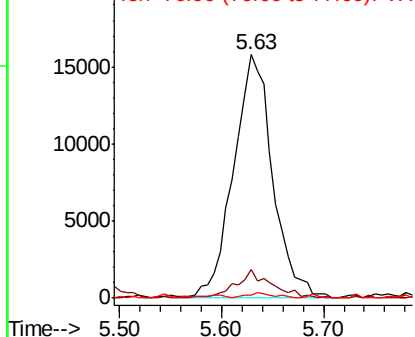


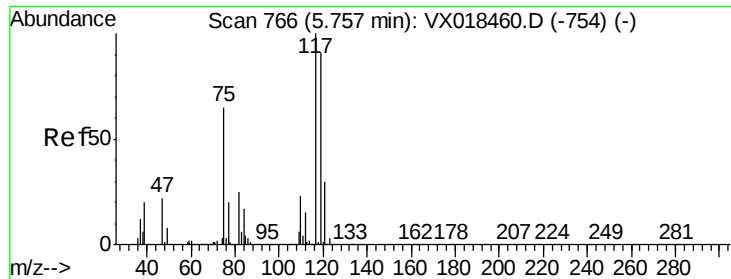
#36
 1,1-Dichloropropene
 Concen: 5.051 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX018500.D
 Acq: 18 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.6	17.6	52.8#
77	1.1	25.0	37.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.011 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX018500.D

Acq: 18 Sep 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

MW-5

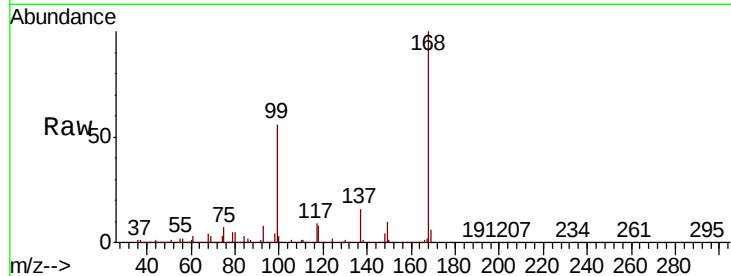
Tot Ion:117 Resp: 55455

Ion Ratio Lower Upper

117 100

119 5.3 72.3 108.5#

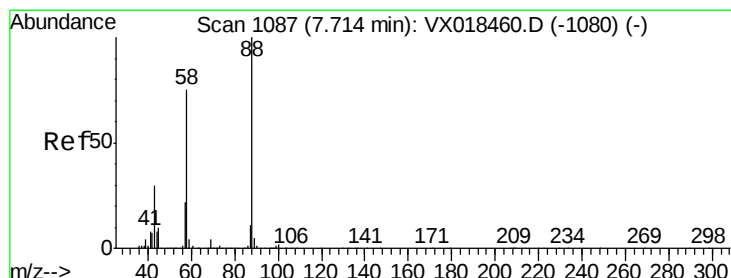
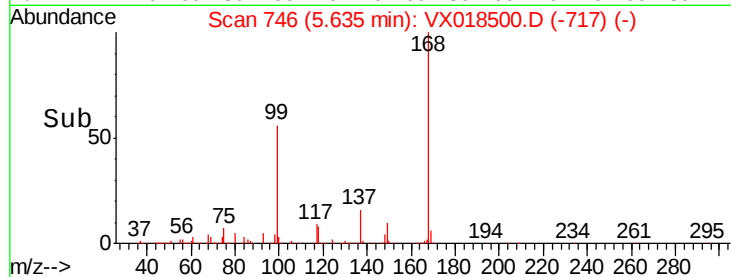
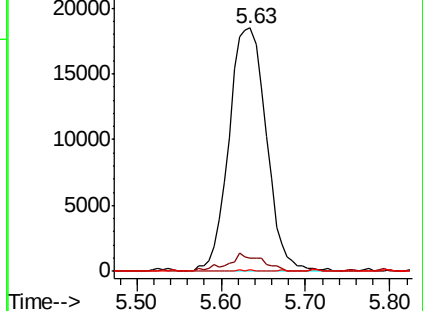
121 0.4 23.8 35.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 0.699 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX018500.D

Acq: 18 Sep 2020 18:11

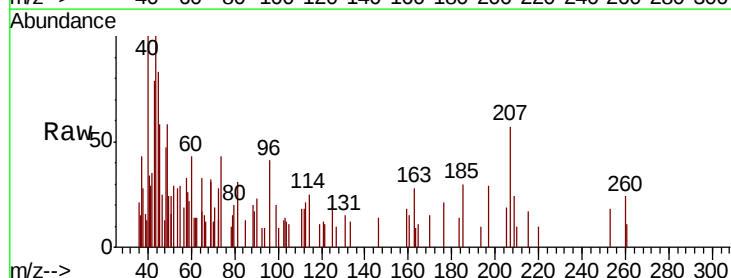
Tgt Ion: 88 Resp: 83

Ion Ratio Lower Upper

88 100

43 356.6 29.9 44.9#

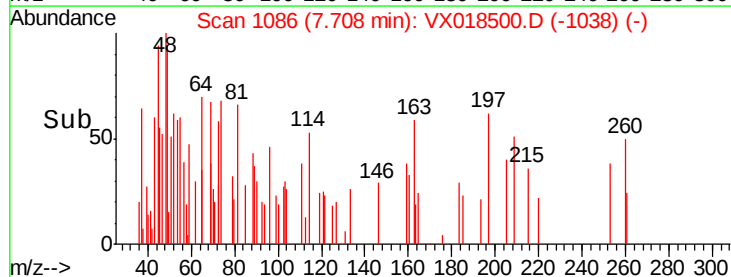
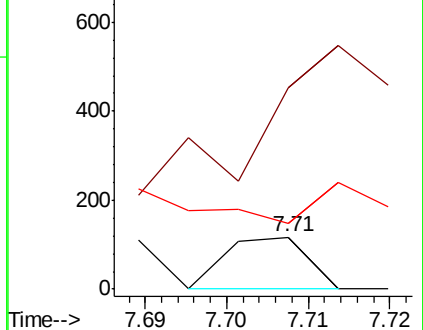
58 162.7 59.0 88.6#

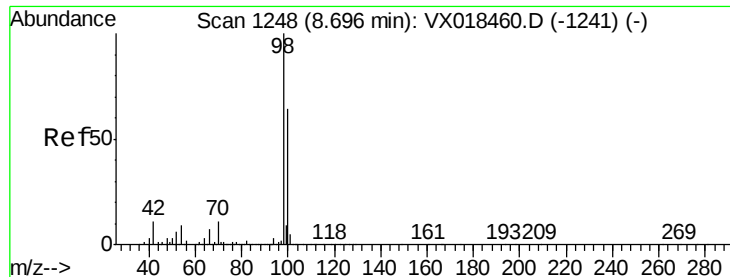


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#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

Instrument :

MSVOA_X

ClientSampleId :

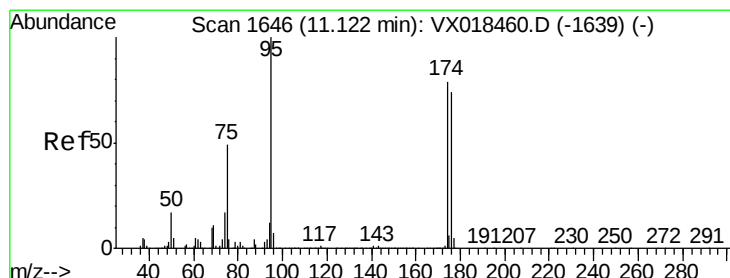
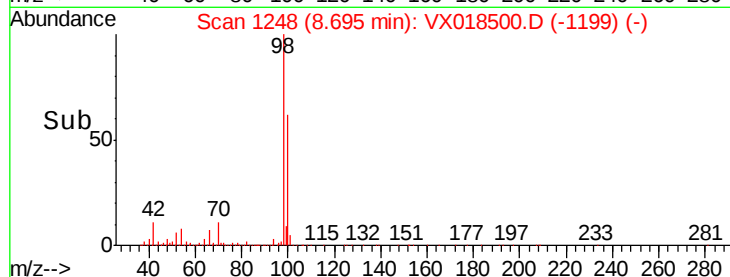
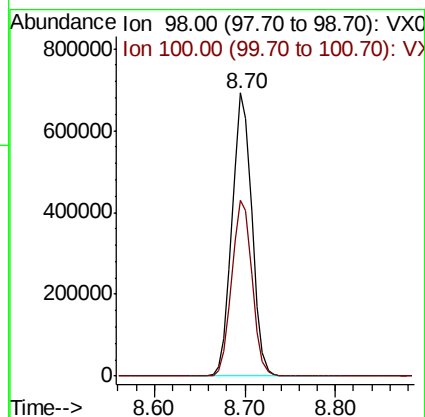
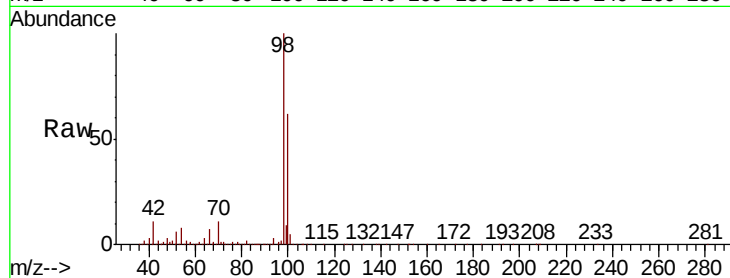
MW-5

Tot Ion: 98 Resp: 1052037

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

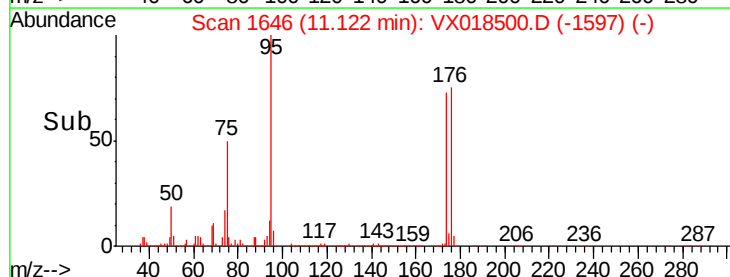
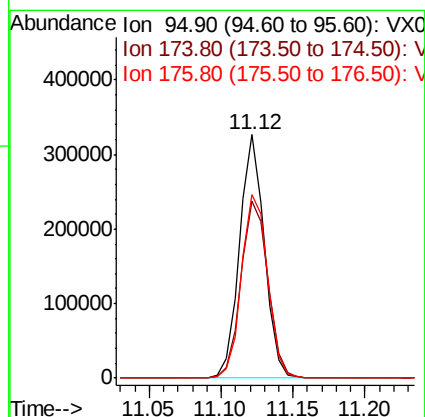
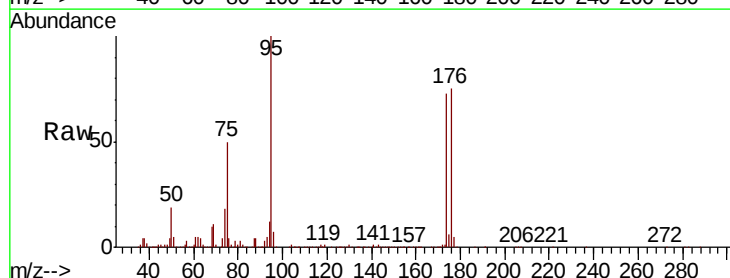
Tgt Ion: 95 Resp: 392617

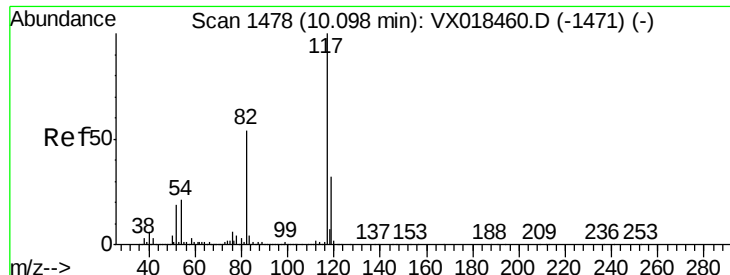
Ion Ratio Lower Upper

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

Instrument :

MSVOA_X

ClientSampled :

MW-5

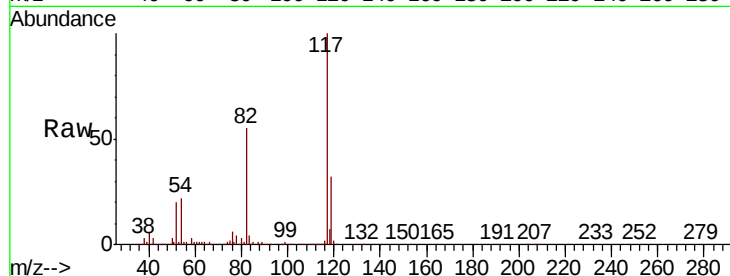
Tot Ion:117 Resp: 813964

Ion Ratio Lower Upper

117 100

82 55.4 43.3 64.9

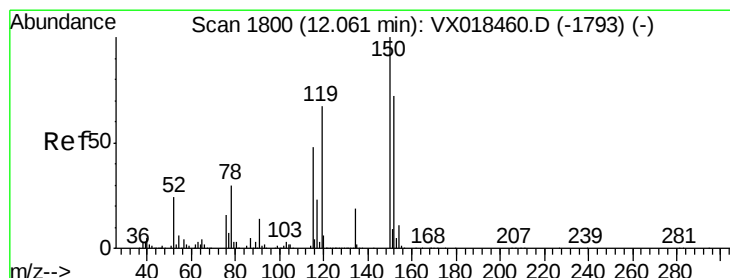
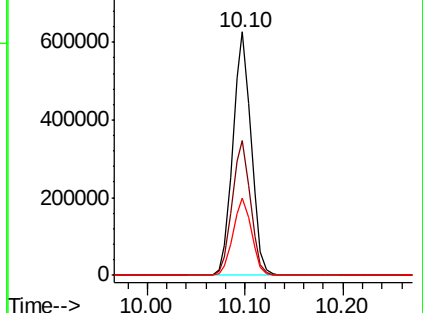
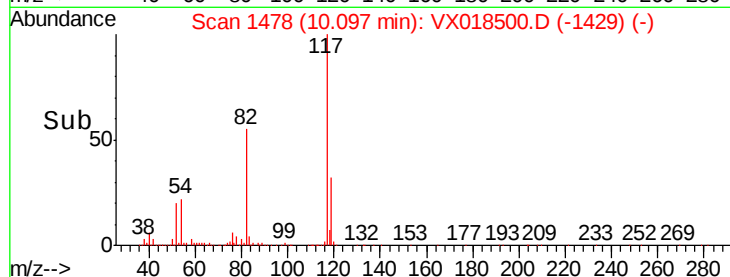
119 31.9 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#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

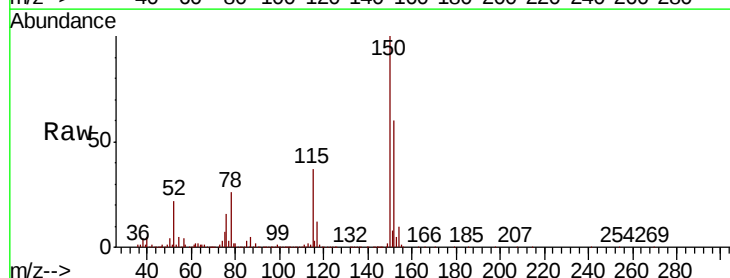
Tgt Ion:152 Resp: 410421

Ion Ratio Lower Upper

152 100

115 60.1 41.8 125.4

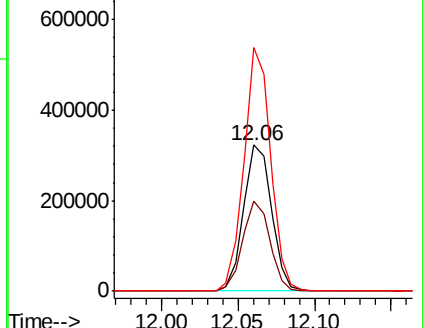
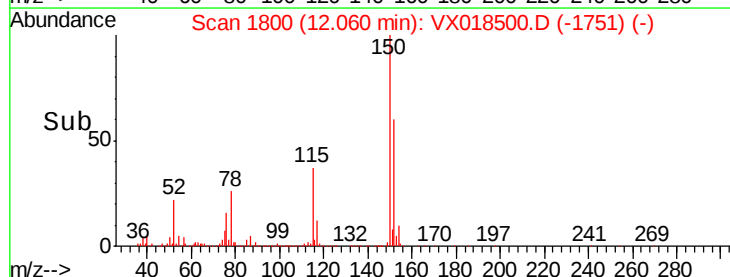
150 158.5 0.0 342.4

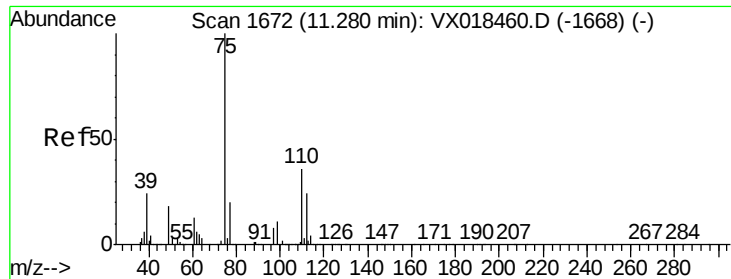


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 23.408 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018500.D

Acq: 18 Sep 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

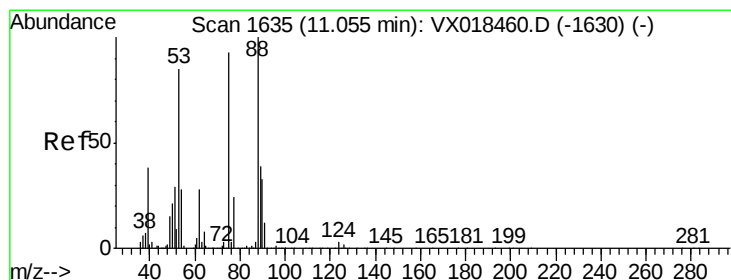
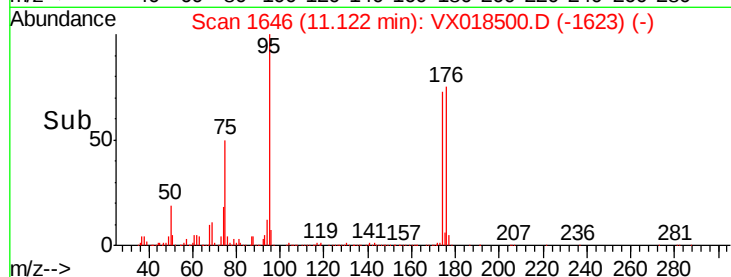
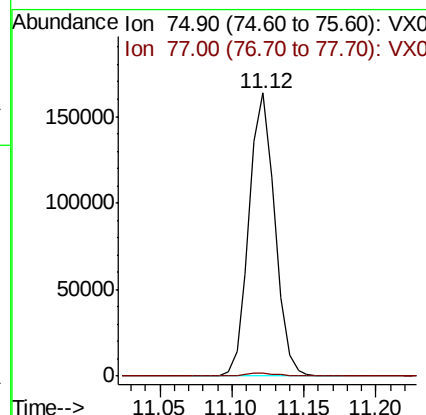
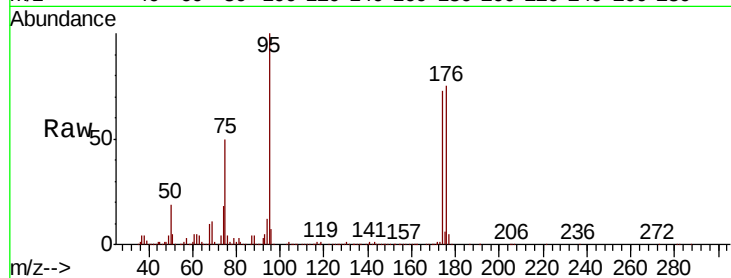
MW-5

Tot Ion: 75 Resp: 201890

Ion Ratio Lower Upper

75 100

77 1.5 20.9 62.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 59.983 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX018500.D

Acq: 18 Sep 2020 18:11

Tgt Ion: 75 Resp: 201890

Ion Ratio Lower Upper

75 100

53 0.3 74.6 111.8#

89 0.1 36.2 54.4#

