

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092420\
 Data File : VX018575.D
 Acq On : 24 Sep 2020 16:17
 Operator : JC/SP
 Sample : L4118-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D1-20200919

Quant Time: Sep 25 02:15:34 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	441338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	728522	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	695360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	336806	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	321812	51.54	ug/l	0.00
Spiked Amount			Recovery	=	103.08%	
35) Dibromofluoromethane	5.47	113	256117	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	
50) Toluene-d8	8.70	98	881807	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.12	95	328372	45.11	ug/l	0.00
Spiked Amount			Recovery	=	90.22%	

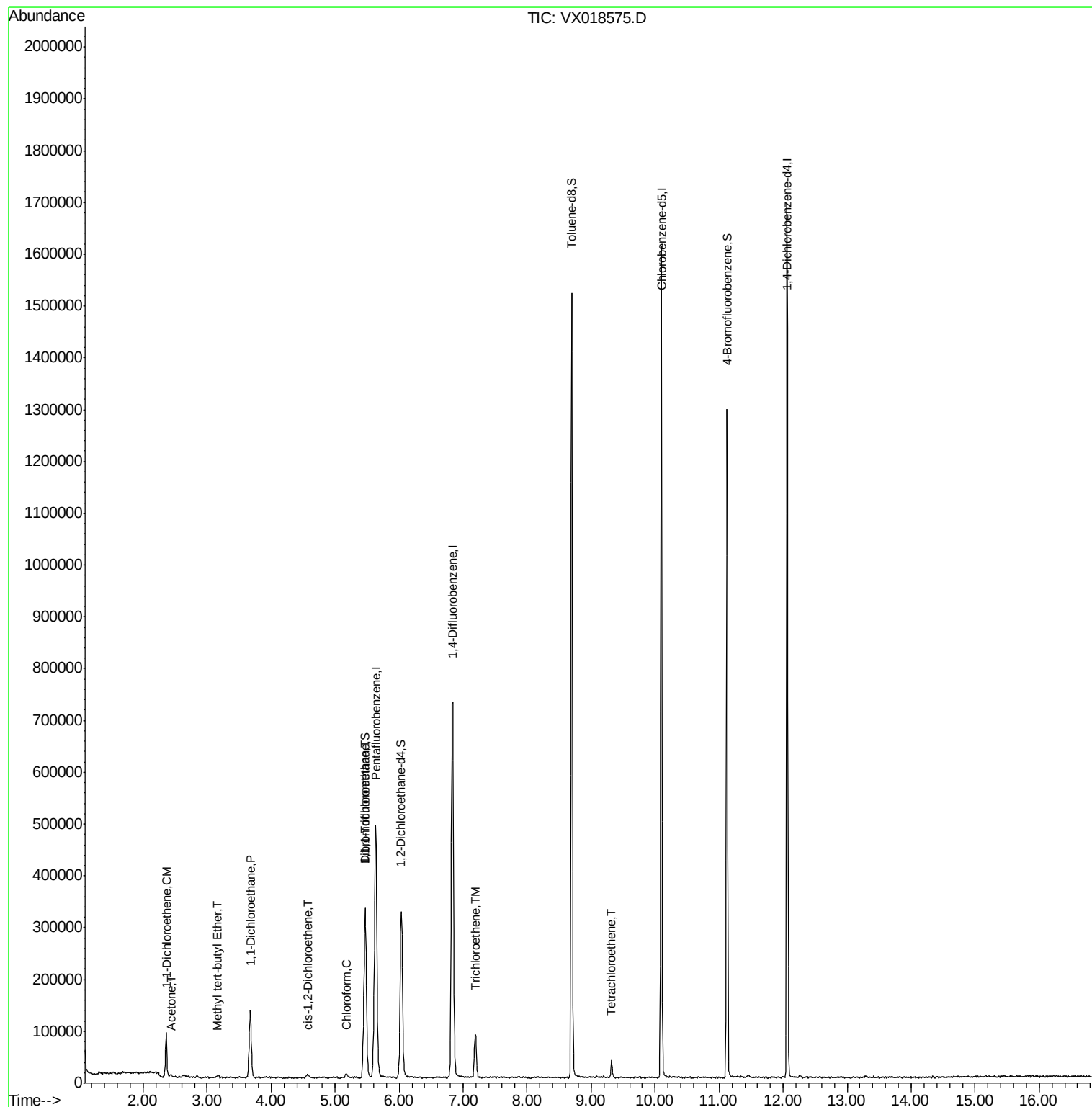
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.36	96	28721	6.720	ug/l #	77
16) Acetone	2.44	43	7086	2.968	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	5201	0.347	ug/l	98
24) 1,1-Dichloroethane	3.67	63	144131	16.053	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	4240	0.762	ug/l	82
30) Chloroform	5.18	83	9201	1.010	ug/l #	68
32) 1,1,1-Trichloroethane	5.48	97	24231	2.835	ug/l	94
44) Trichloroethene	7.20	130	33546	5.718	ug/l	87
64) Tetrachloroethene	9.32	164	6106	1.115	ug/l	94

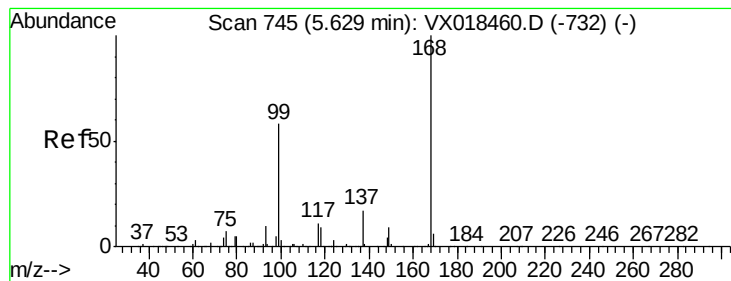
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 25 02:15:34 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: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018575.D

Acq: 24 Sep 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

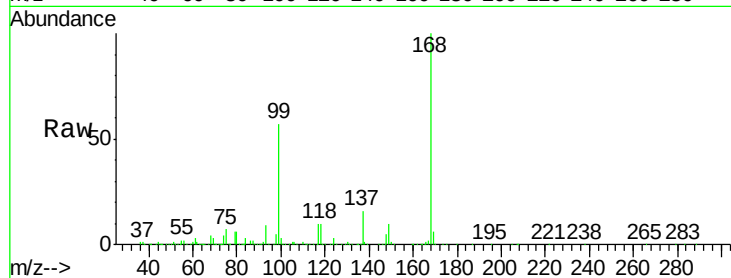
MW203D1-20200919

Tot Ion:168 Resp: 441338

Ion Ratio Lower Upper

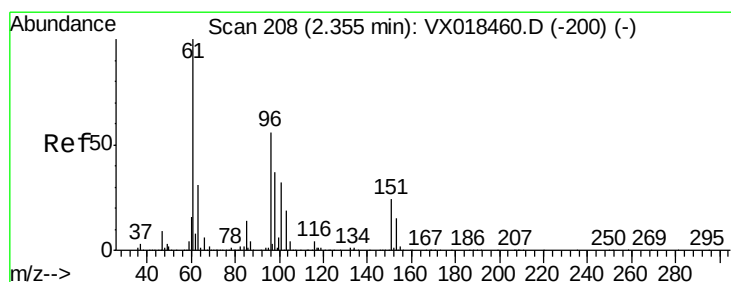
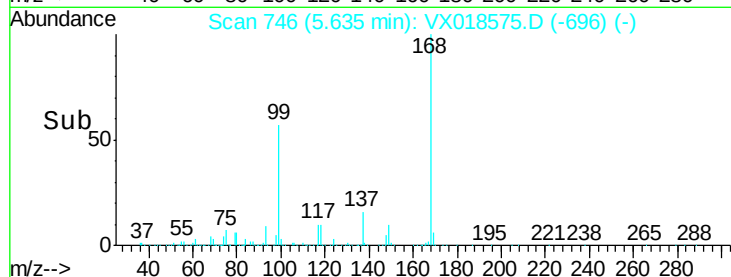
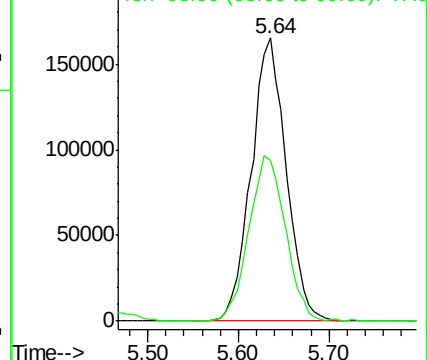
168 100

99 56.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#12

1,1-Dichloroethene

Concen: 6.720 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX018575.D

Acq: 24 Sep 2020 16:17

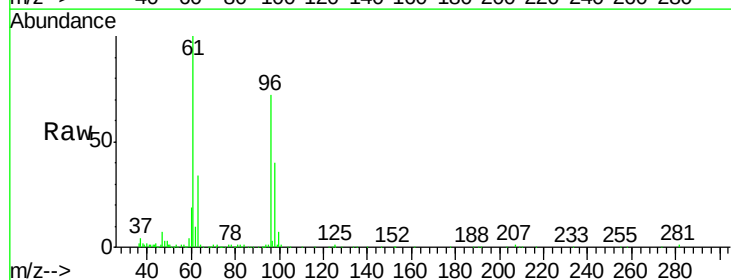
Tgt Ion: 96 Resp: 28721

Ion Ratio Lower Upper

96 100

61 139.3 142.2 213.4#

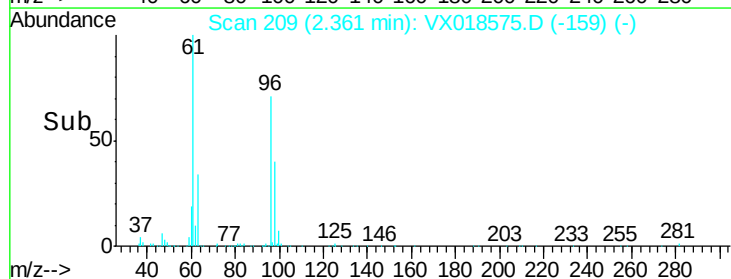
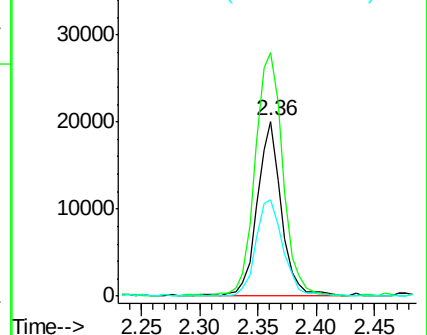
98 55.5 52.4 78.6

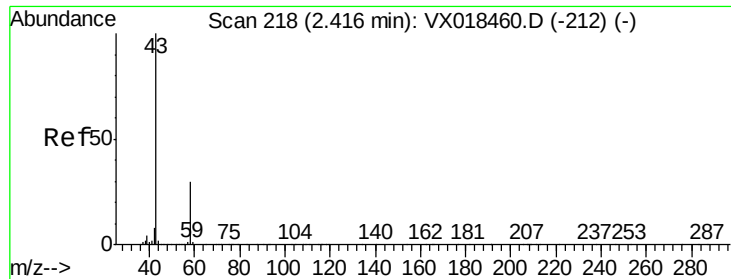


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

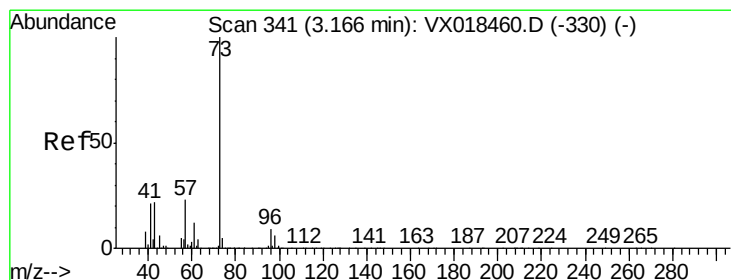
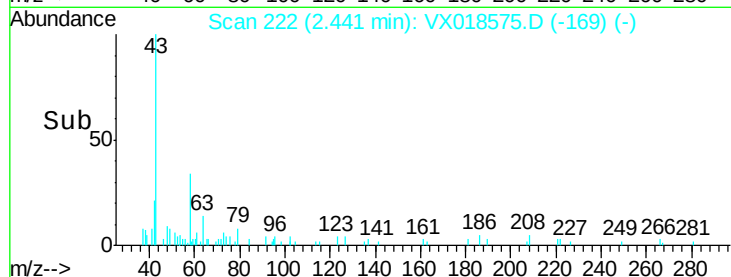
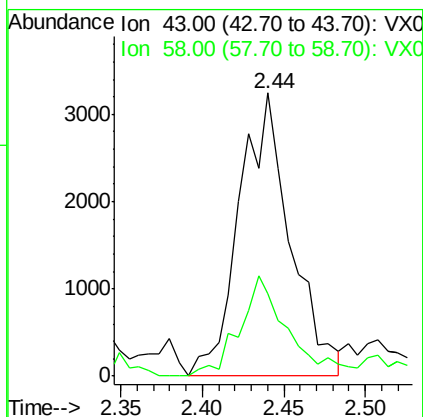
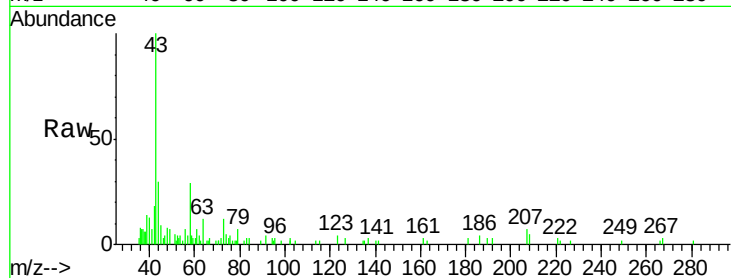




#16
Acetone
Concen: 2.968 ug/l
RT: 2.44 min Scan# 222
Delta R.T. 0.02 min
Lab File: VX018575.D
Acq: 24 Sep 2020 16:17

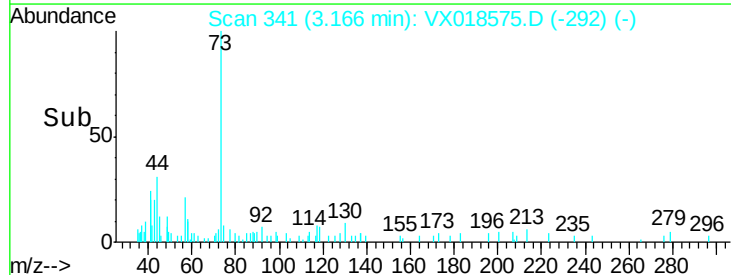
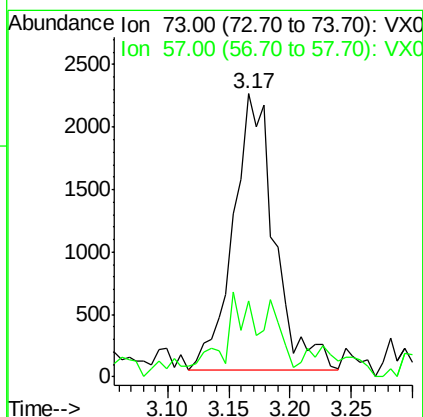
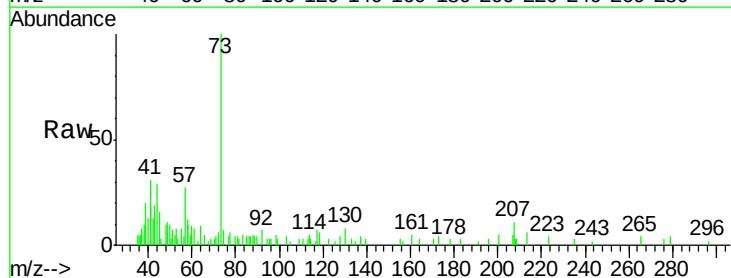
Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20200919

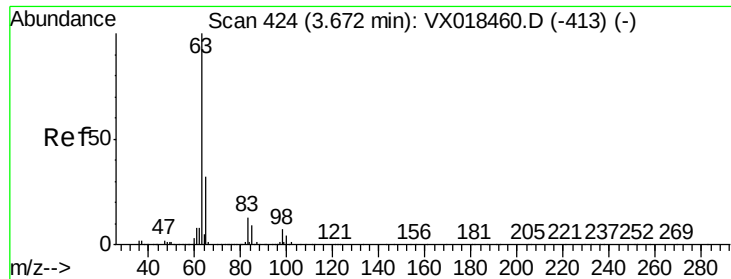
Tot Ion: 43 Resp: 7086
Ion Ratio Lower Upper
43 100
58 29.3 24.0 36.0



#19
Methyl tert-butyl Ether
Concen: 0.347 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018575.D
Acq: 24 Sep 2020 16:17

Tgt Ion: 73 Resp: 5201
Ion Ratio Lower Upper
73 100
57 23.5 18.0 27.0





#24

1,1-Dichloroethane

Concen: 16.053 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX018575.D

Acq: 24 Sep 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

MW203D1-20200919

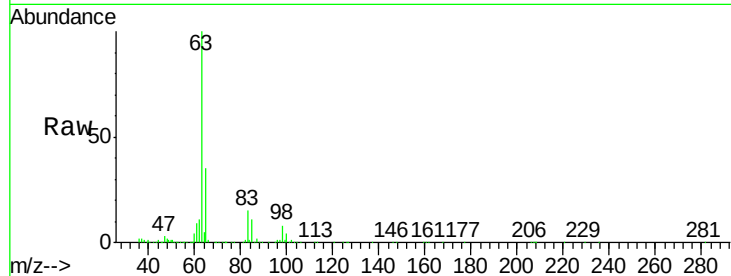
Tot Ion: 63 Resp: 144131

Ion Ratio Lower Upper

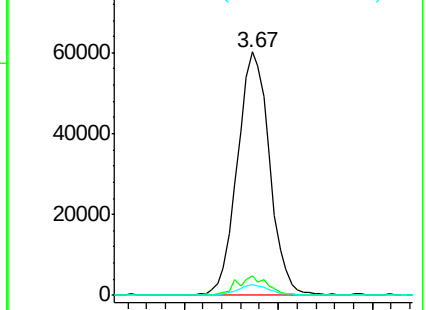
63 100

98 7.9 3.5 10.6

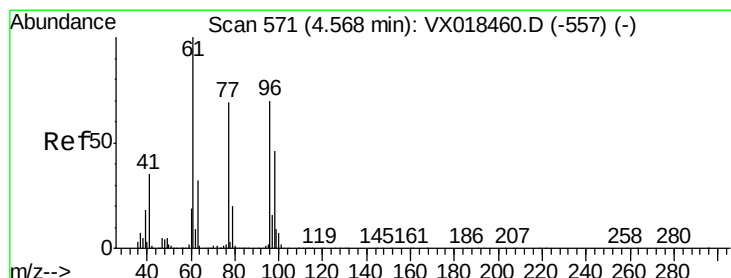
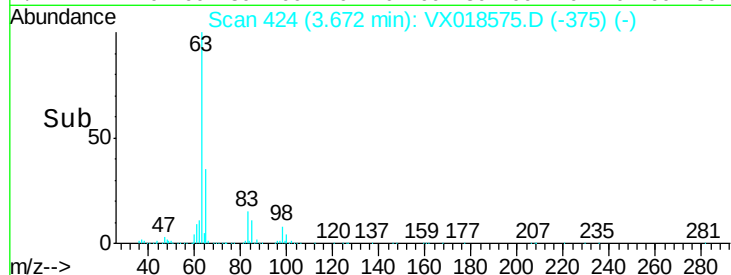
100 4.4 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



Time-->



#27

cis-1,2-Dichloroethene

Concen: 0.762 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX018575.D

Acq: 24 Sep 2020 16:17

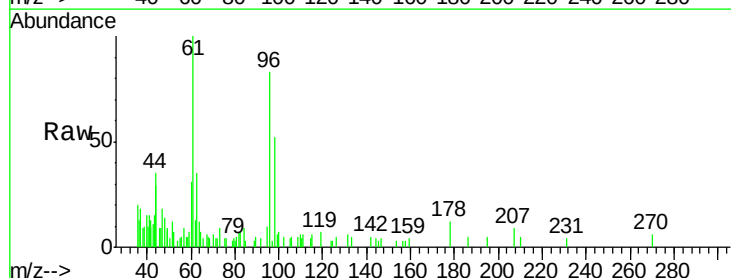
Tgt Ion: 96 Resp: 4240

Ion Ratio Lower Upper

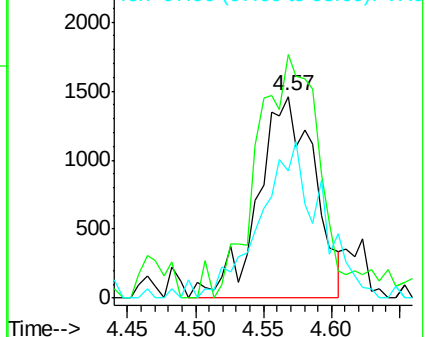
96 100

61 129.0 0.0 300.0

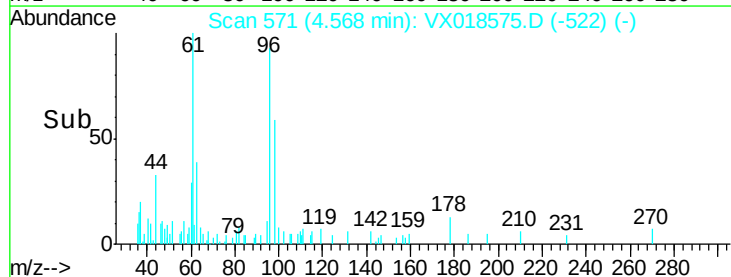
98 82.3 0.0 130.4

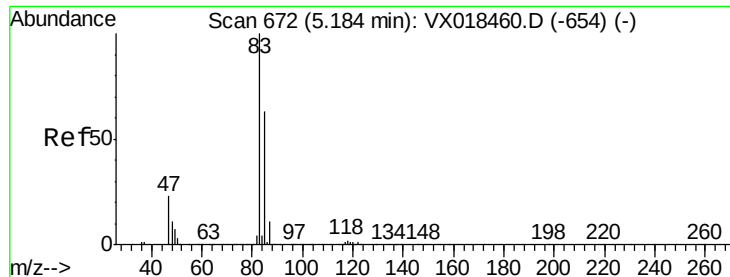


Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



Time-->

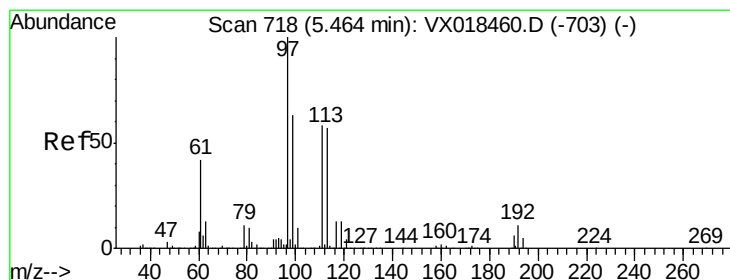
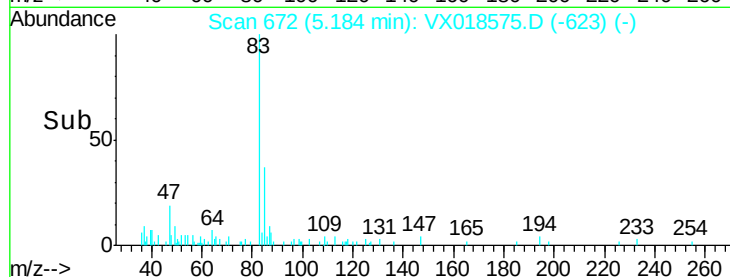
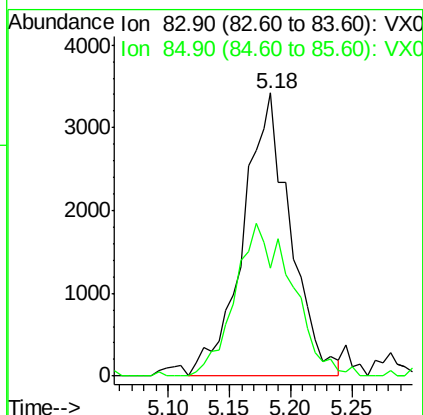
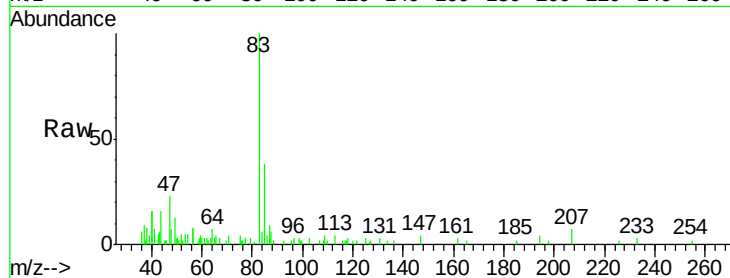




#30
Chloroform
Concen: 1.010 ug/l
RT: 5.18 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX018575.D
Acq: 24 Sep 2020 16:17

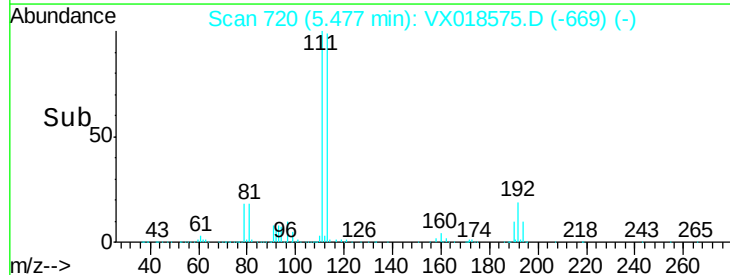
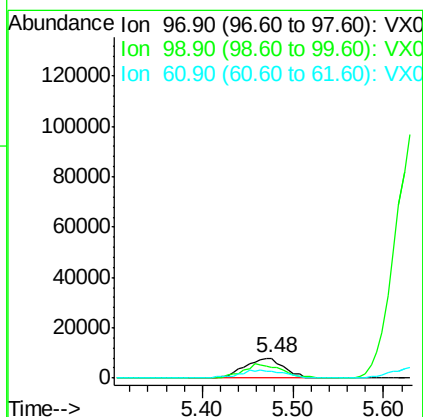
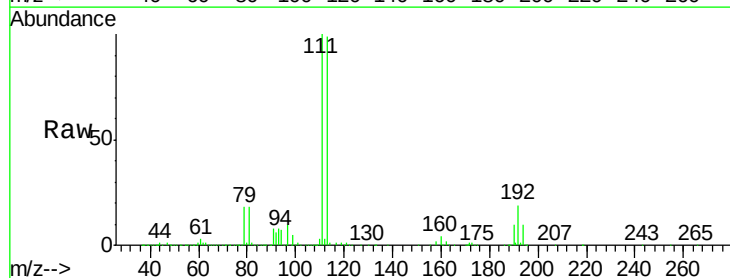
Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20200919

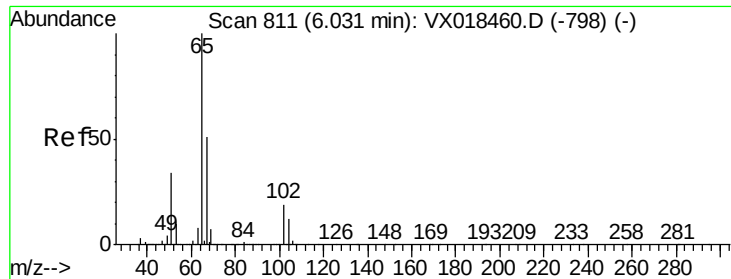
Tot Ion: 83 Resp: 9201
Ion Ratio Lower Upper
83 100
85 38.1 50.6 76.0#



#32
1,1,1-Trichloroethane
Concen: 2.835 ug/l
RT: 5.48 min Scan# 720
Delta R.T. 0.01 min
Lab File: VX018575.D
Acq: 24 Sep 2020 16:17

Tgt Ion: 97 Resp: 24231
Ion Ratio Lower Upper
97 100
99 68.5 50.5 75.7
61 45.2 33.4 50.2

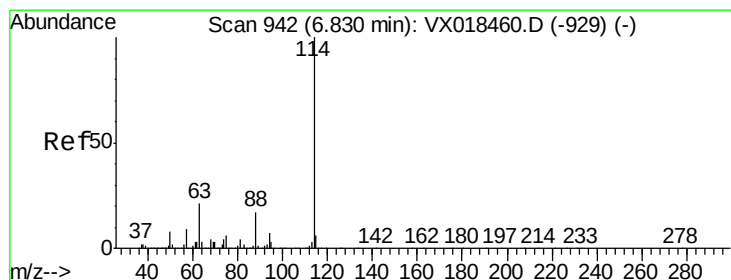
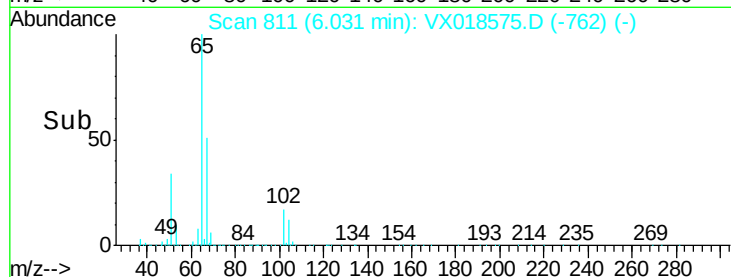
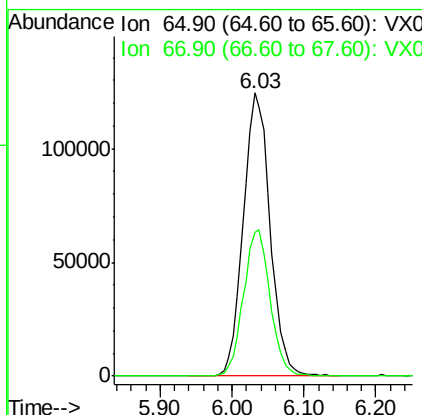
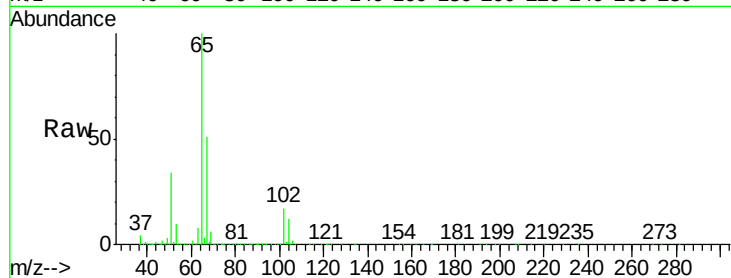




#33
 1,2-Dichloroethane-d4
 Concen: 51.544 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018575.D
 Acq: 24 Sep 2020 16:17

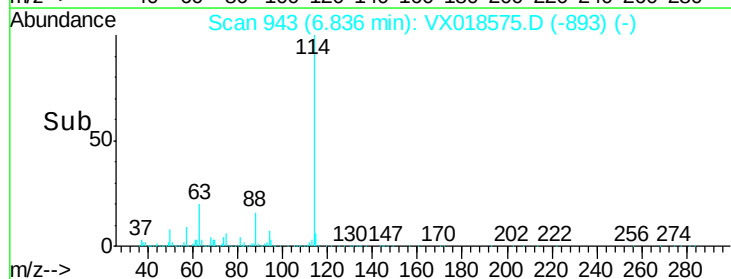
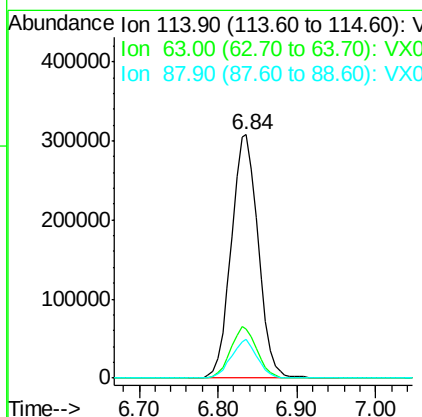
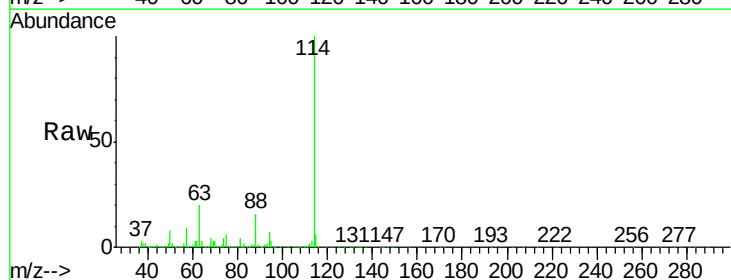
Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D1-20200919

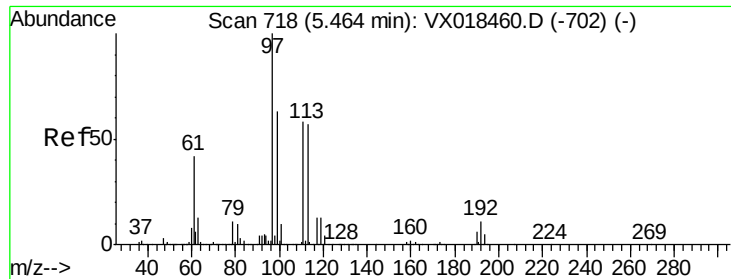
Tot Ion: 65 Resp: 321812
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX018575.D
 Acq: 24 Sep 2020 16:17

Tgt Ion: 114 Resp: 728522
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.8
 88 16.0 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.853 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018575.D

Acq: 24 Sep 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

MW203D1-20200919

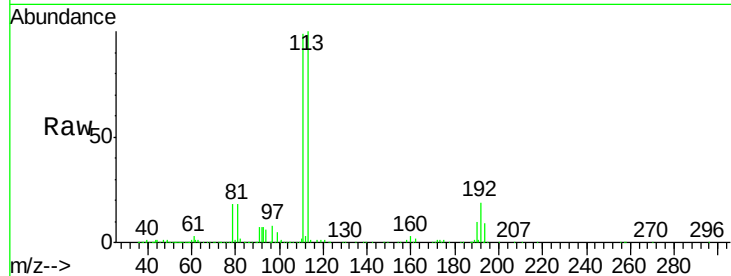
Tot Ion:113 Resp: 256117

Ion Ratio Lower Upper

113 100

111 100.8 81.4 122.2

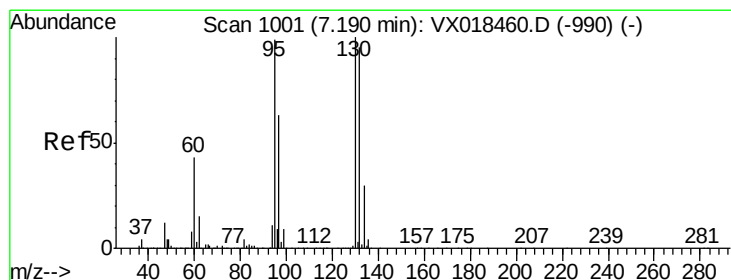
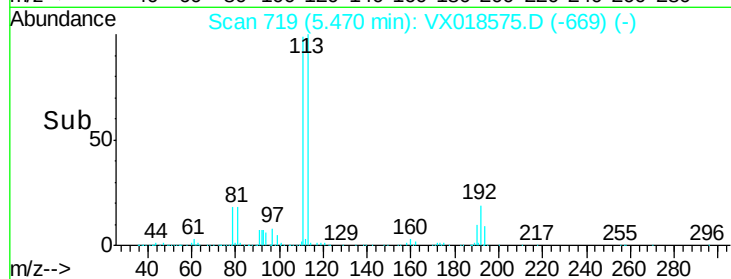
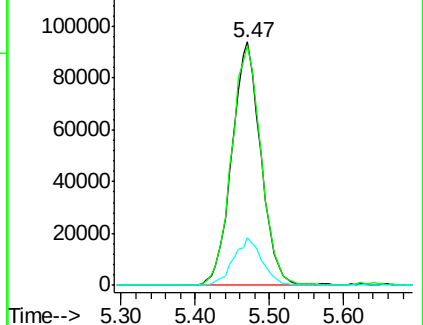
192 19.1 16.6 24.8



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



#44

Trichloroethene

Concen: 5.718 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX018575.D

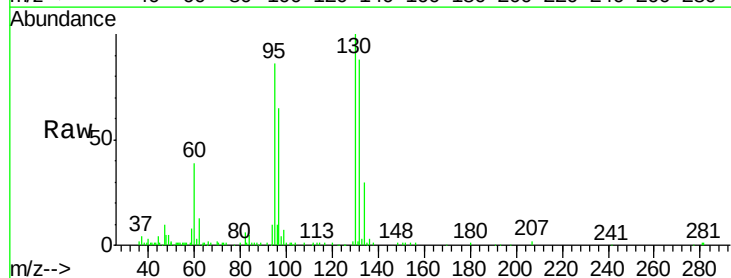
Acq: 24 Sep 2020 16:17

Tgt Ion:130 Resp: 33546

Ion Ratio Lower Upper

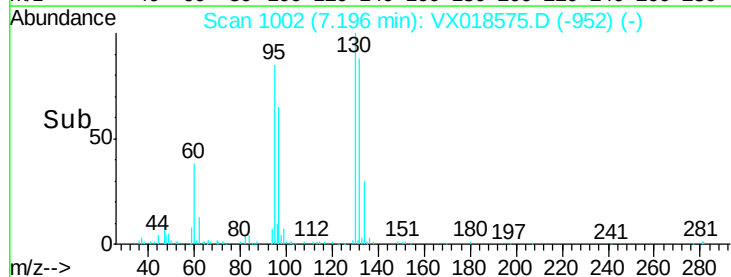
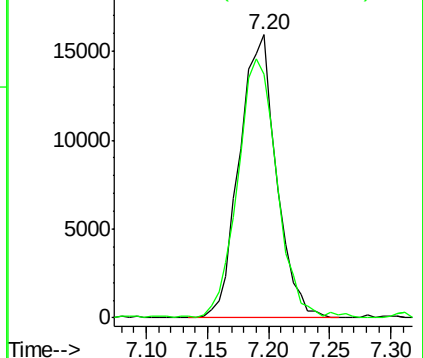
130 100

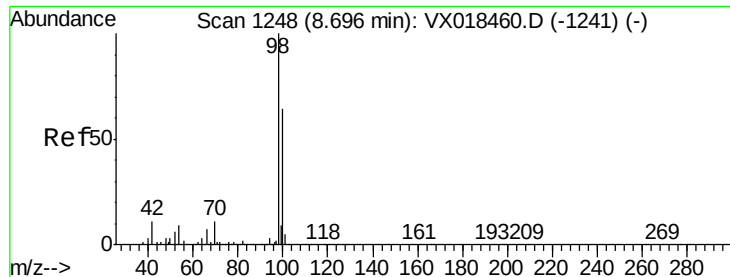
95 85.5 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 48.189 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018575.D

Acq: 24 Sep 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

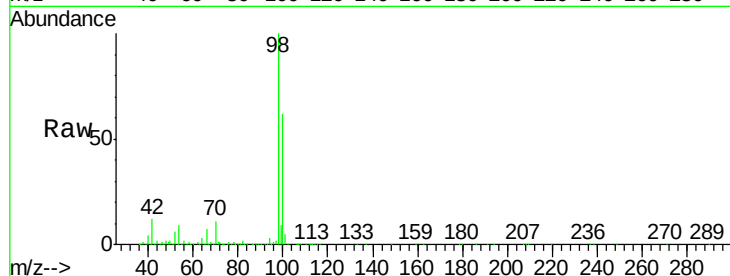
MW203D1-20200919

Tot Ion: 98 Resp: 881807

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

600000

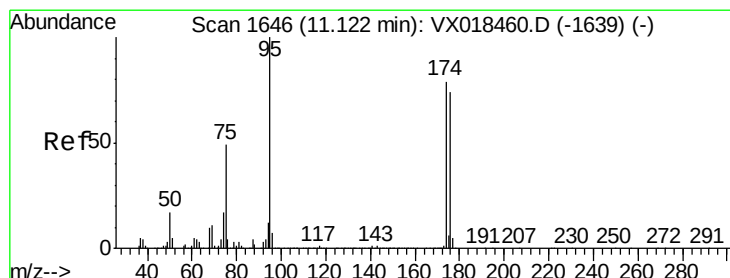
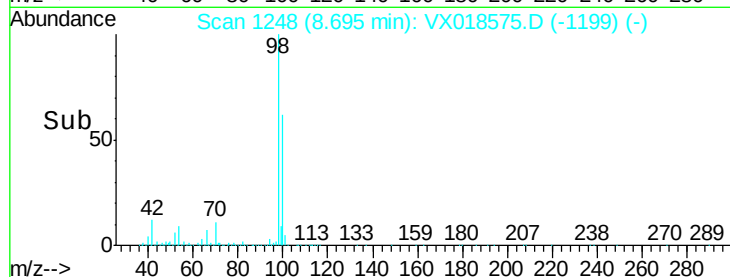
400000

200000

0

8.60 8.65 8.70 8.75 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 45.113 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018575.D

Acq: 24 Sep 2020 16:17

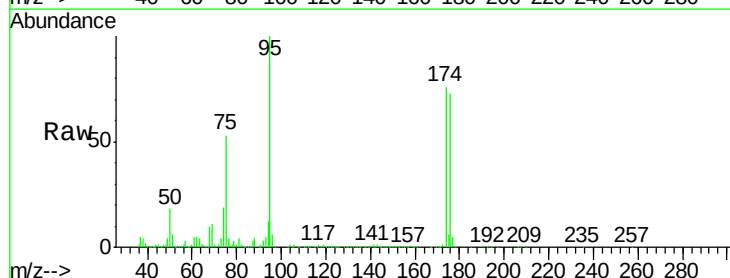
Tgt Ion: 95 Resp: 328372

Ion Ratio Lower Upper

95 100

174 79.7 0.0 161.4

176 78.7 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

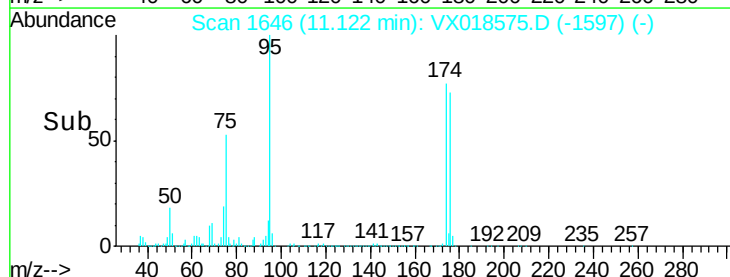
200000

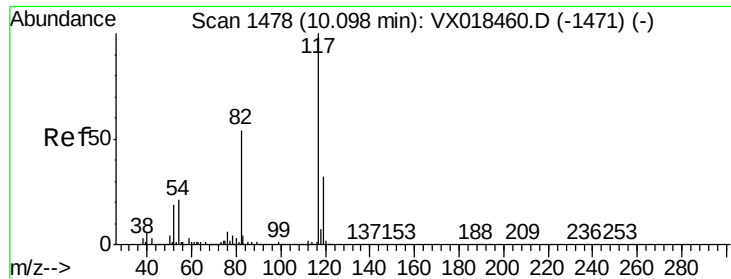
100000

0

11.00 11.10 11.20

Time-->

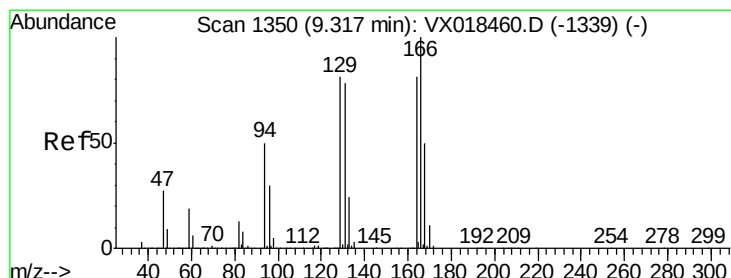
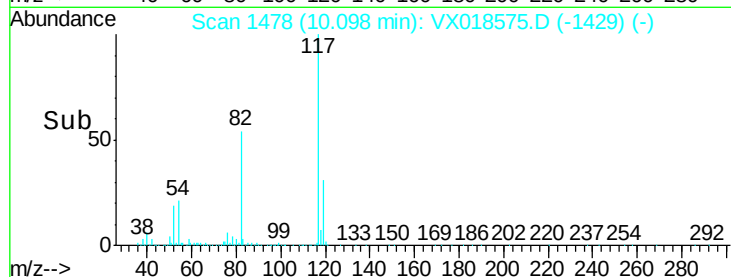
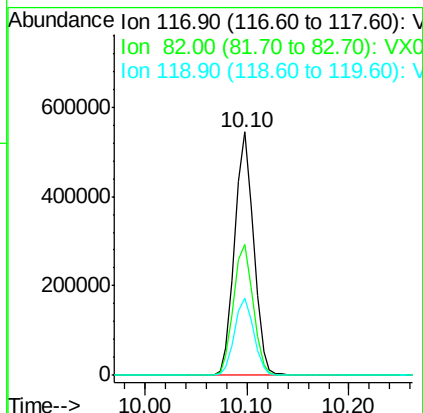
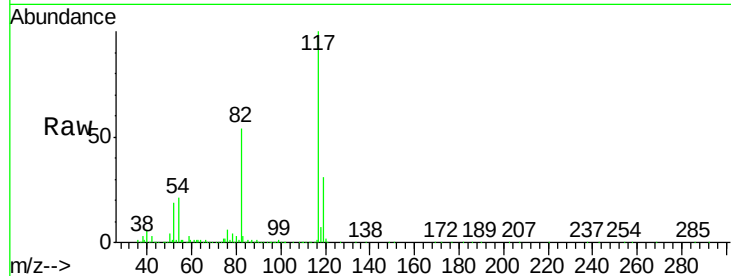




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018575.D
Acq: 24 Sep 2020 16:17

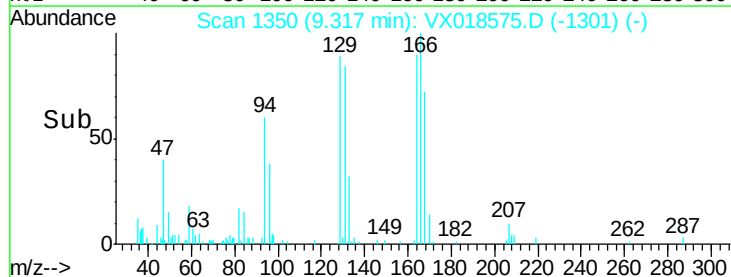
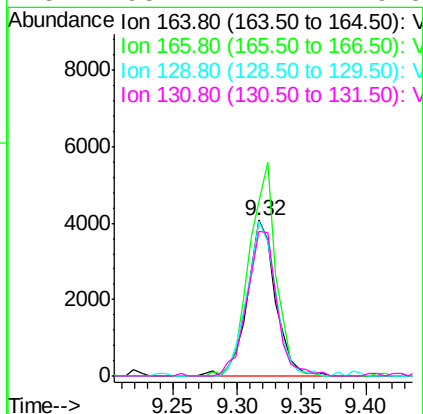
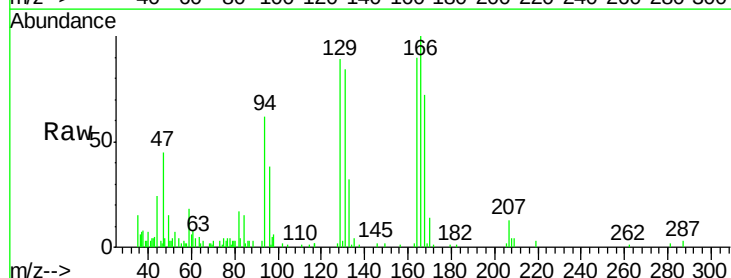
Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20200919

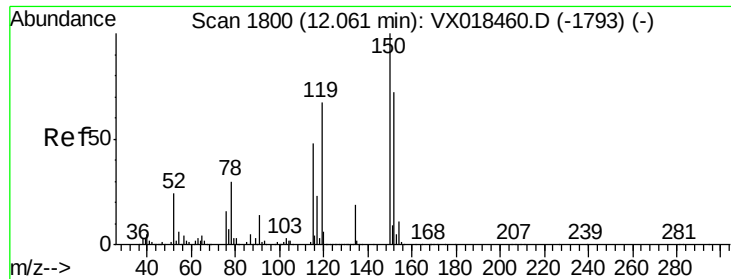
Tot Ion:117 Resp: 695360
Ion Ratio Lower Upper
117 100
82 53.7 43.3 64.9
119 31.5 25.9 38.9



#64
Tetrachloroethene
Concen: 1.115 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018575.D
Acq: 24 Sep 2020 16:17

Tgt Ion:164 Resp: 6106
Ion Ratio Lower Upper
164 100
166 111.5 99.3 148.9
129 99.3 80.7 121.1
131 93.2 77.2 115.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018575.D

Acq: 24 Sep 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

MW203D1-20200919

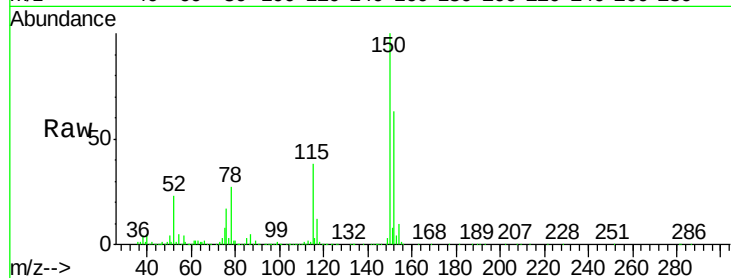
Tot Ion:152 Resp: 336806

Ion Ratio Lower Upper

152 100

115 60.7 41.8 125.4

150 160.8 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

