

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092420\
 Data File : VX018574.D
 Acq On : 24 Sep 2020 15:54
 Operator : JC/SP
 Sample : L4118-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D2-20200919

Quant Time: Sep 25 02:13:29 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

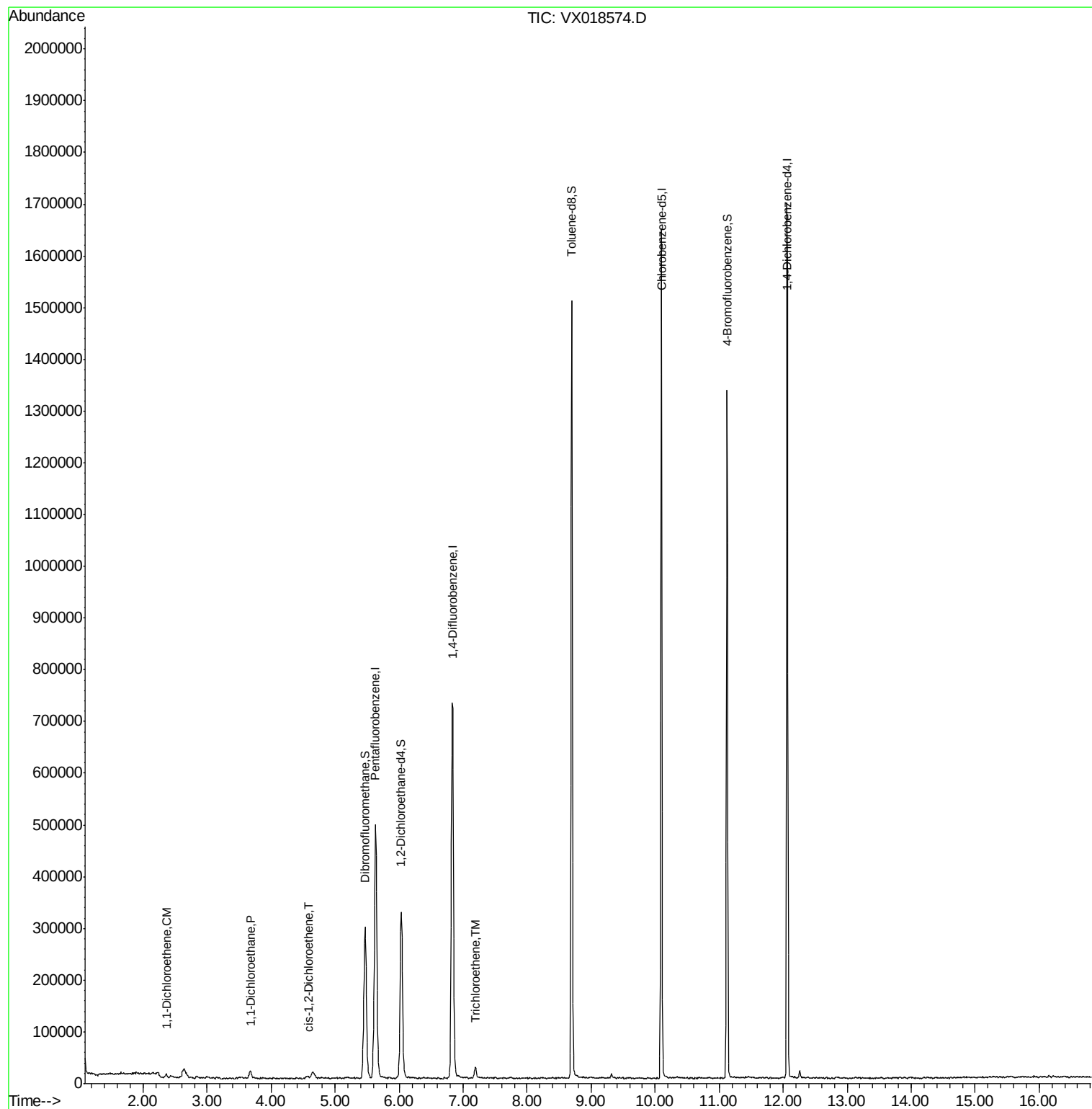
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	440702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	720613	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	699646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	347020	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	324730	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
35) Dibromofluoromethane	5.47	113	250505	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
50) Toluene-d8	8.70	98	884376	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.12	95	331768	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.16%	
Target Compounds						
12) 1,1-Dichloroethene	2.36	96	2648	0.620	ug/l	93
24) 1,1-Dichloroethane	3.67	63	17023	1.899	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	2986	0.537	ug/l	79
44) Trichloroethene	7.19	130	8097	1.395	ug/l	85

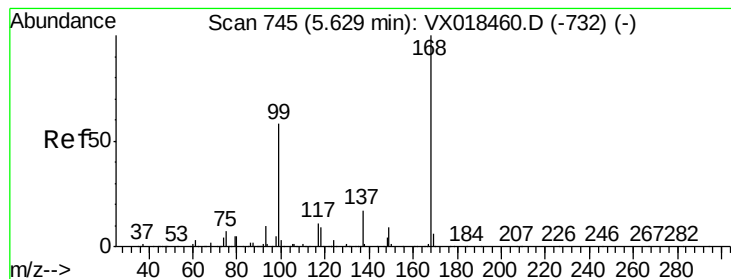
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 745

Delta R.T. -0.00 min

Lab File: VX018574.D

Acq: 24 Sep 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

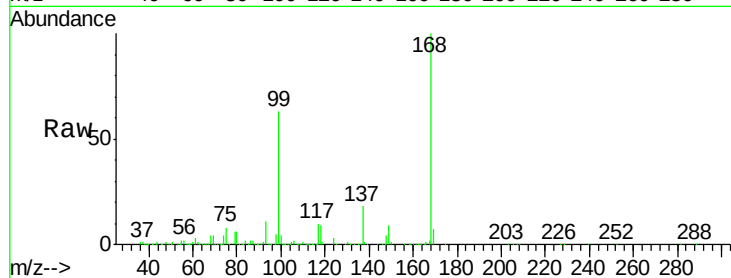
MW203D2-20200919

Tot Ion:168 Resp: 440702

Ion Ratio Lower Upper

168 100

99 62.7 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

150000

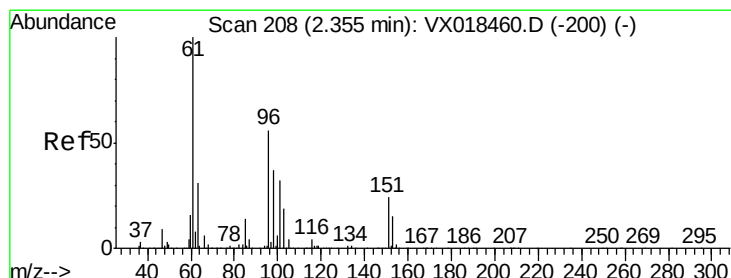
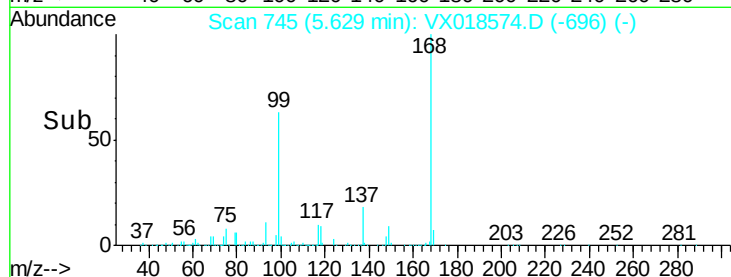
100000

50000

0

Time-->

5.50 5.60 5.70



#12

1,1-Dichloroethene

Concen: 0.620 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX018574.D

Acq: 24 Sep 2020 15:54

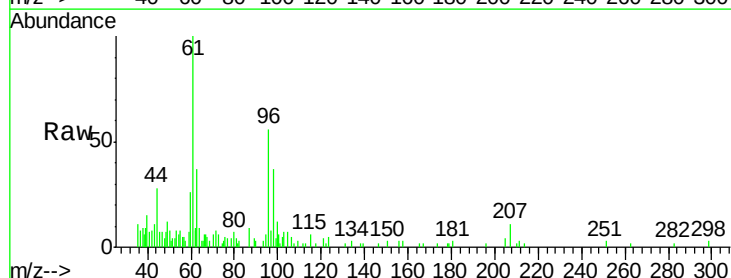
Tgt Ion: 96 Resp: 2648

Ion Ratio Lower Upper

96 100

61 168.2 142.2 213.4

98 59.5 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

3000

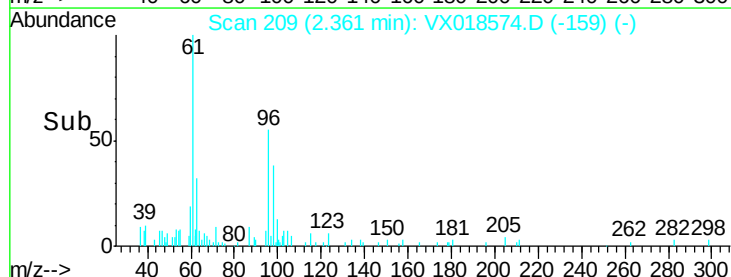
2000

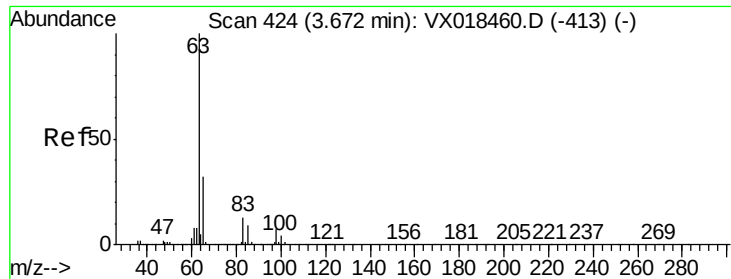
1000

0

Time-->

2.30 2.35 2.40





#24

1,1-Dichloroethane

Concen: 1.899 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX018574.D

Acq: 24 Sep 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

MW203D2-20200919

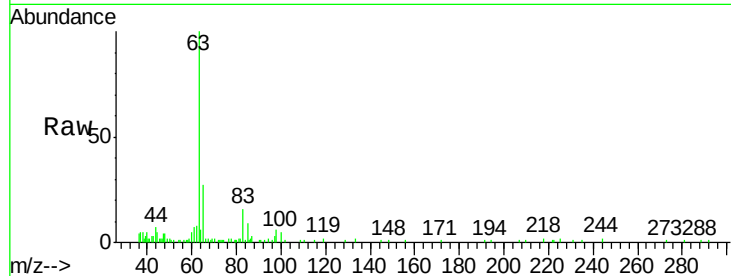
Tot Ion: 63 Resp: 17023

Ion Ratio Lower Upper

63 100

98 5.8 3.5 10.6

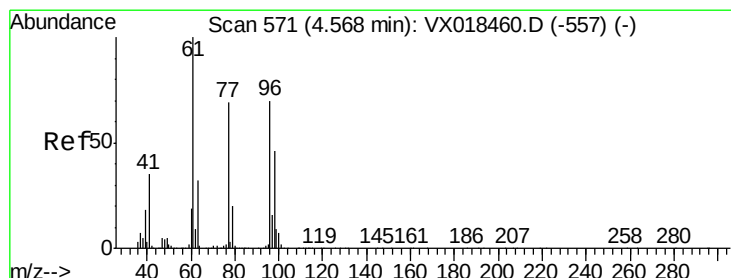
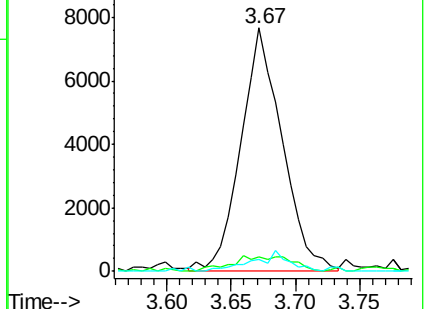
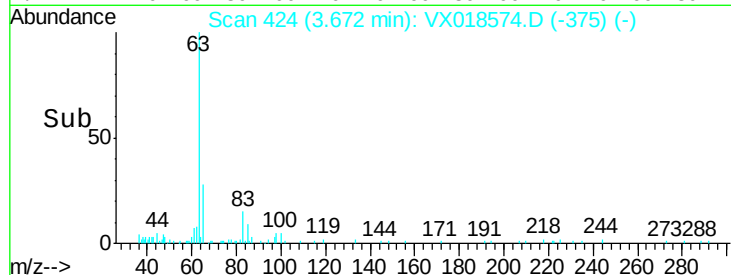
100 3.2 1.9 5.7



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



#27

cis-1,2-Dichloroethene

Concen: 0.537 ug/l

RT: 4.57 min Scan# 572

Delta R.T. 0.01 min

Lab File: VX018574.D

Acq: 24 Sep 2020 15:54

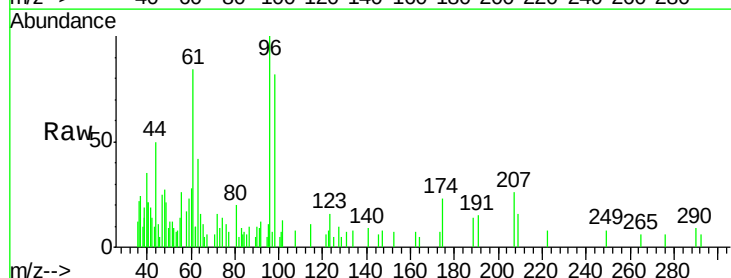
Tgt Ion: 96 Resp: 2986

Ion Ratio Lower Upper

96 100

61 114.6 0.0 300.0

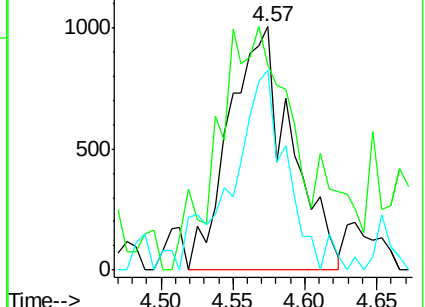
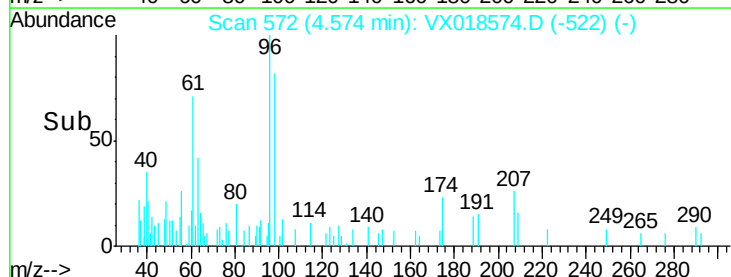
98 70.1 0.0 130.4

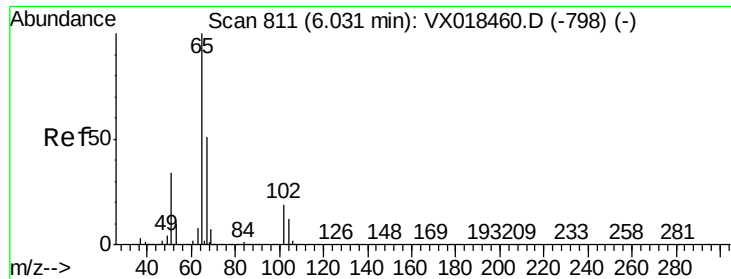


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

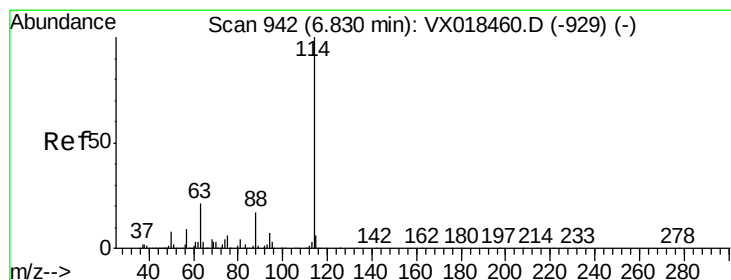
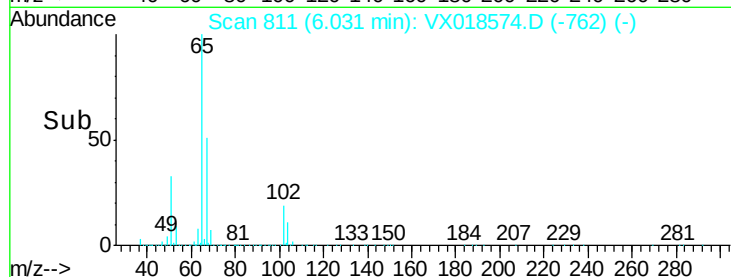
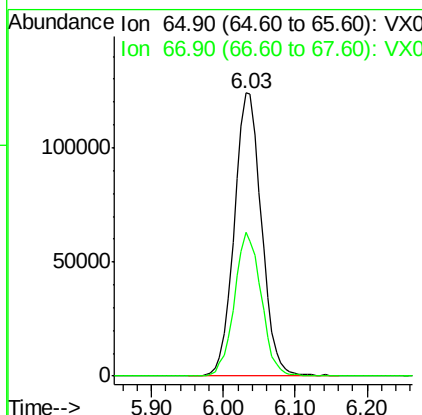
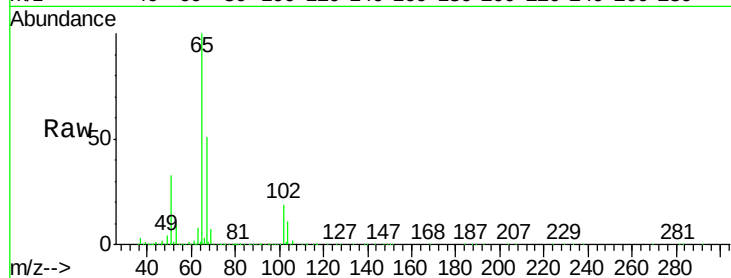




#33
 1,2-Dichloroethane-d4
 Concen: 52.087 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018574.D
 Acq: 24 Sep 2020 15:54

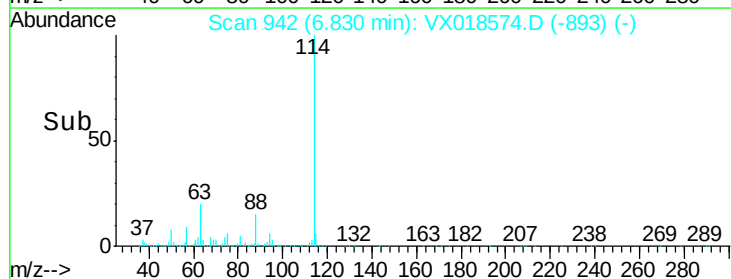
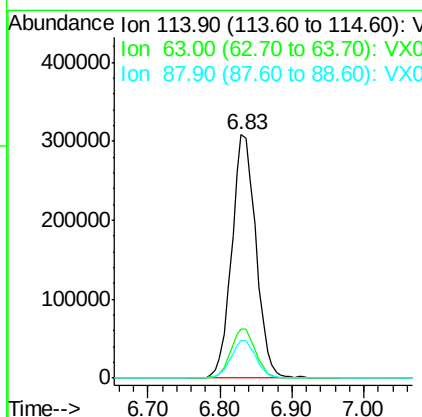
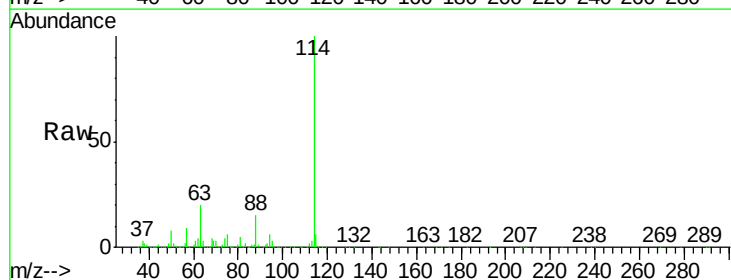
Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D2-20200919

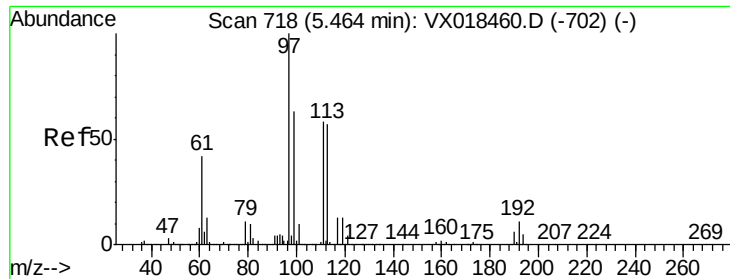
Tot Ion: 65 Resp: 324730
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX018574.D
 Acq: 24 Sep 2020 15:54

Tgt Ion: 114 Resp: 720613
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.8
 88 15.3 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.285 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018574.D

Acq: 24 Sep 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

MW203D2-20200919

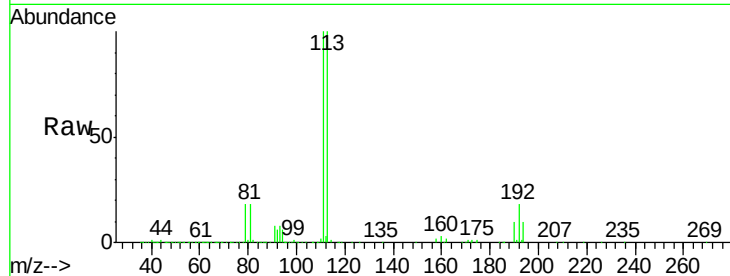
Tot Ion:113 Resp: 250505

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.2

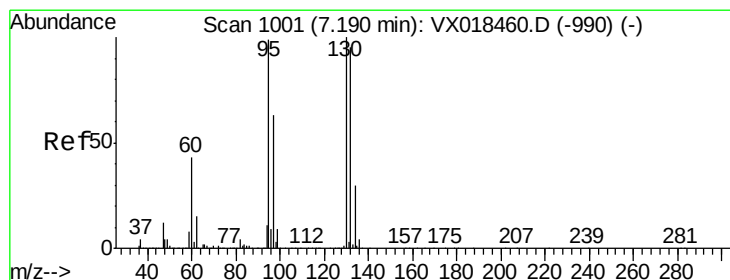
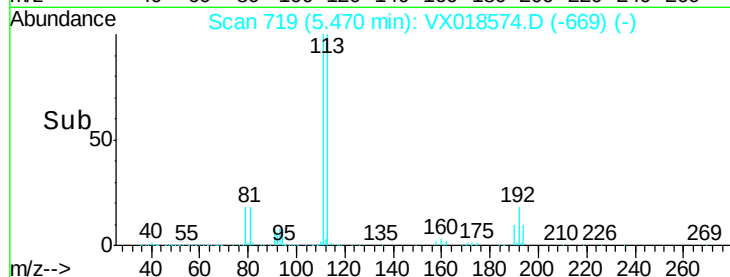
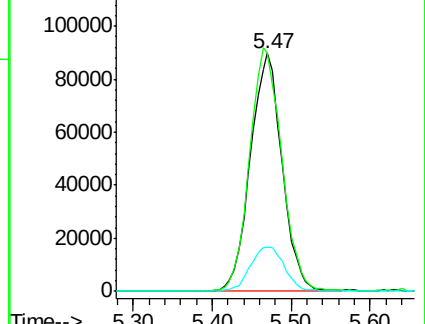
192 20.2 16.6 24.8



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



#44

Trichloroethene

Concen: 1.395 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018574.D

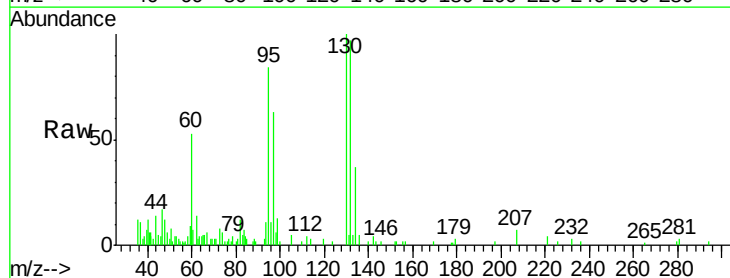
Acq: 24 Sep 2020 15:54

Tgt Ion:130 Resp: 8097

Ion Ratio Lower Upper

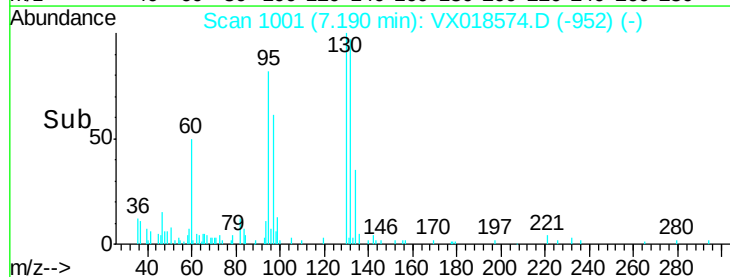
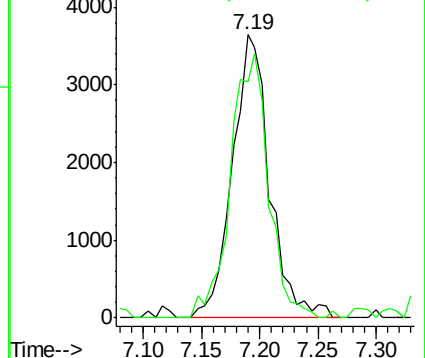
130 100

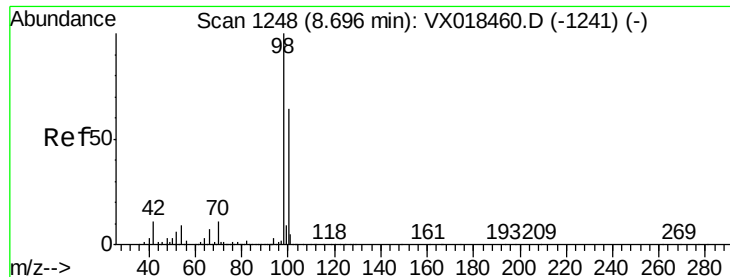
95 83.6 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 48.860 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018574.D

Acq: 24 Sep 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

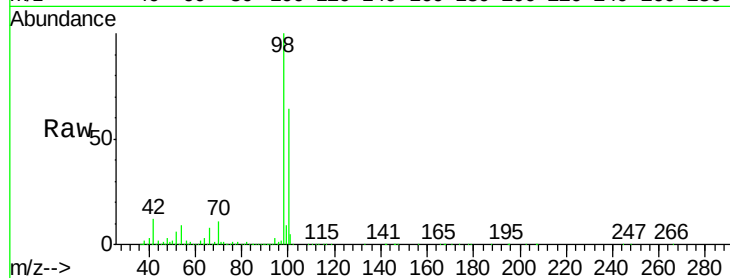
MW203D2-20200919

Tot Ion: 98 Resp: 884376

Ion Ratio Lower Upper

98 100

100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.70

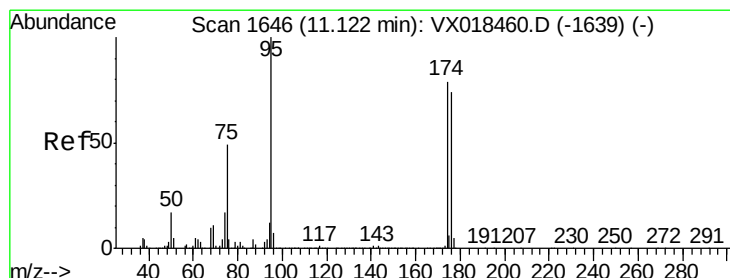
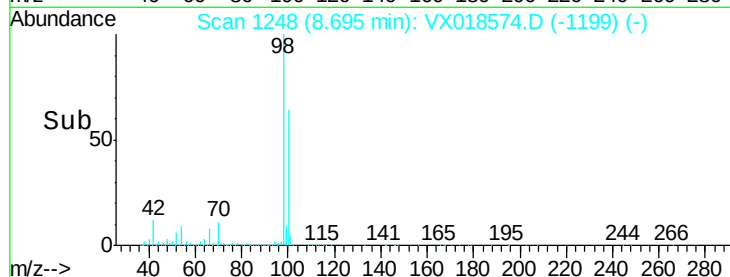
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.080 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018574.D

Acq: 24 Sep 2020 15:54

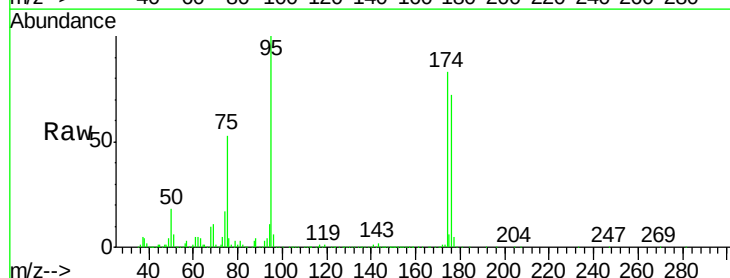
Tgt Ion: 95 Resp: 331768

Ion Ratio Lower Upper

95 100

174 81.1 0.0 161.4

176 77.3 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

11.12

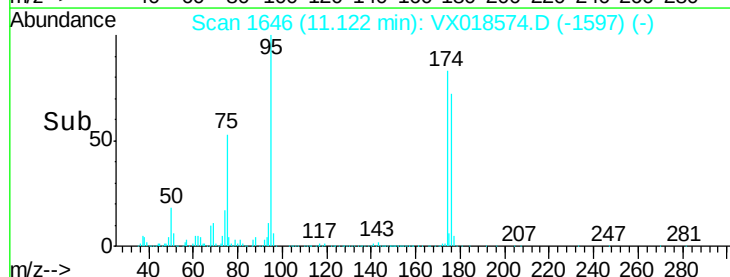
300000

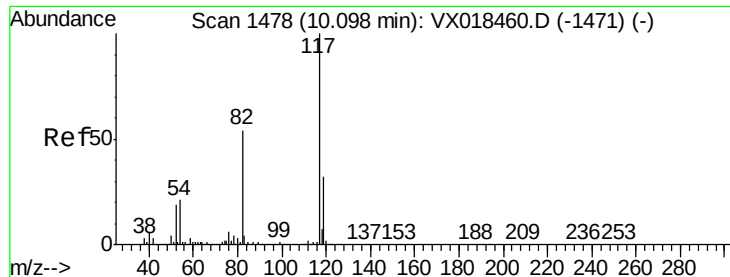
200000

100000

0

Time-->

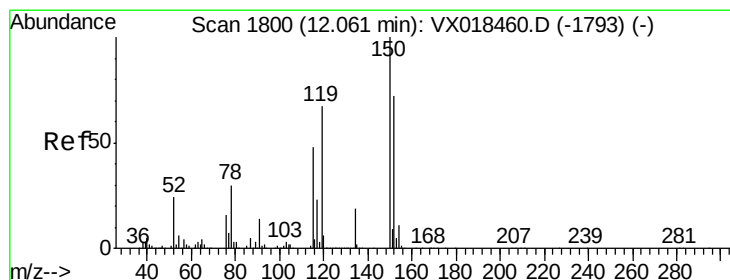
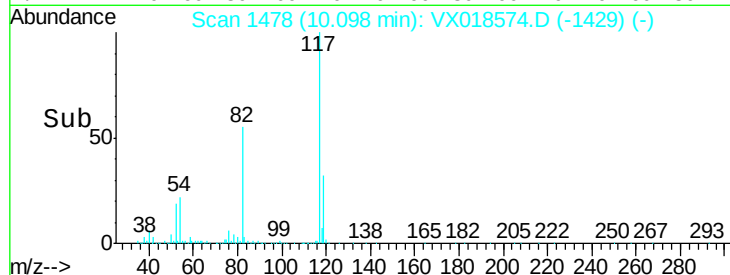
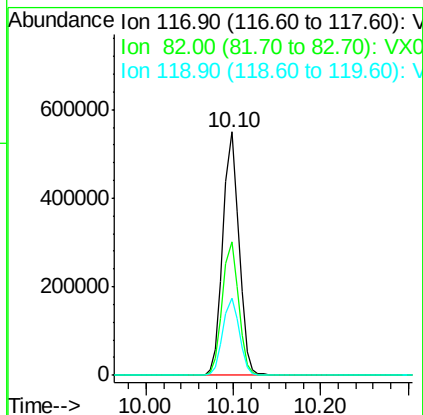
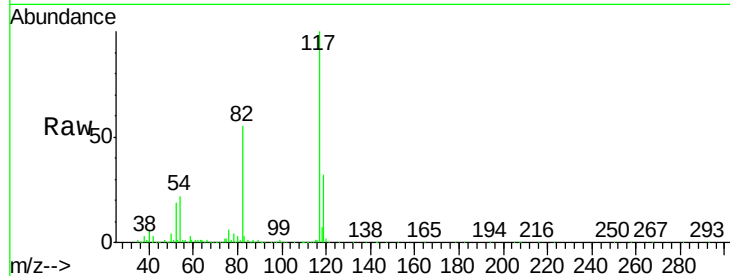




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018574.D
Acq: 24 Sep 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
MW203D2-20200919

Tot Ion:117 Resp: 699646
Ion Ratio Lower Upper
117 100
82 54.8 43.3 64.9
119 31.8 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: VX018574.D
Acq: 24 Sep 2020 15:54

Tgt Ion:152 Resp: 347020
Ion Ratio Lower Upper
152 100
115 59.7 41.8 125.4
150 160.1 0.0 342.4

