

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092420\
 Data File : VX018576.D
 Acq On : 24 Sep 2020 16:39
 Operator : JC/SP
 Sample : L4118-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D-20200919

Quant Time: Sep 25 02:17:36 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

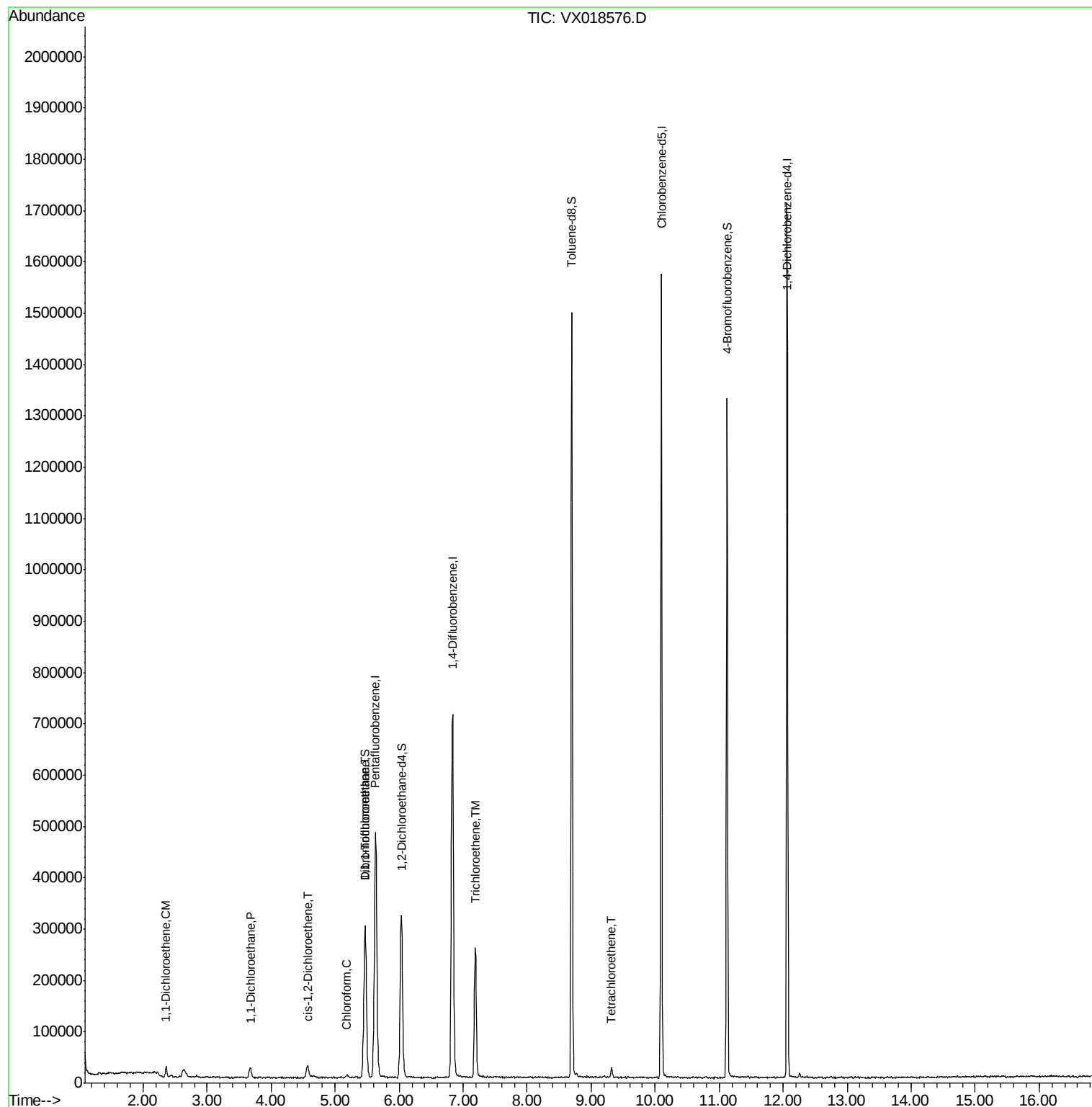
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	432579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	705100	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	699924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	340414	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	318851	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
35) Dibromofluoromethane	5.47	113	251874	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
50) Toluene-d8	8.70	98	874479	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	11.12	95	326344	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	
Target Compounds						
12) 1,1-Dichloroethene	2.36	96	6633	1.583	ug/l	90
24) 1,1-Dichloroethane	3.67	63	22986	2.612	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	15197	2.785	ug/l	89
30) Chloroform	5.18	83	6186	0.693	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	9686	1.156	ug/l #	45
44) Trichloroethene	7.19	130	96013	16.910	ug/l	95
64) Tetrachloroethene	9.32	164	3672	0.666	ug/l	97

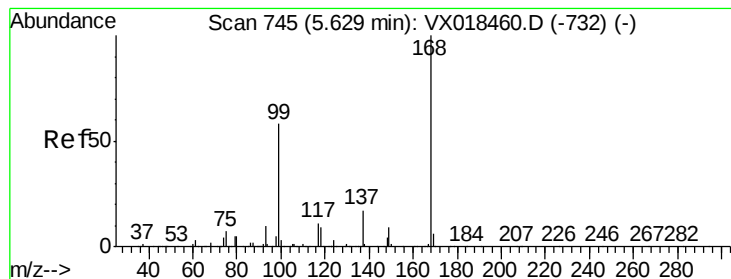
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX018576.D

Acq: 24 Sep 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

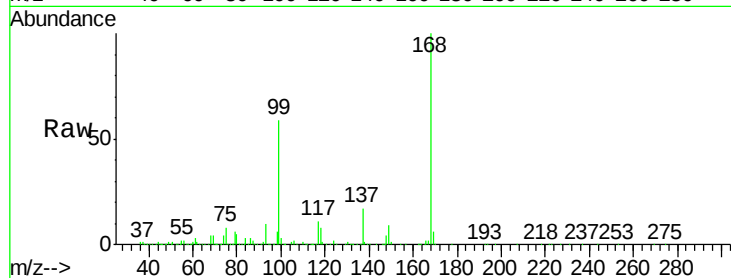
MW203D-20200919

Tot Ion:168 Resp: 432579

Ion Ratio Lower Upper

168 100

99 58.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

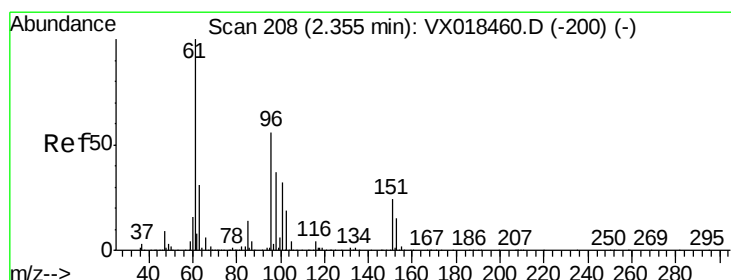
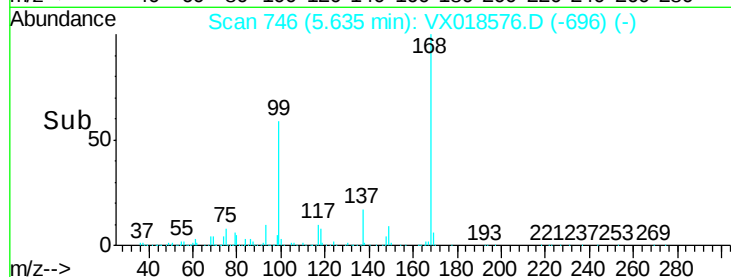
150000

100000

50000

0

Time-->



#12

1,1-Dichloroethene

Concen: 1.583 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX018576.D

Acq: 24 Sep 2020 16:39

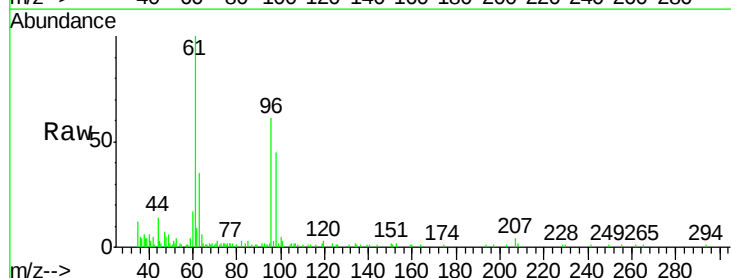
Tgt Ion: 96 Resp: 6633

Ion Ratio Lower Upper

96 100

61 165.4 142.2 213.4

98 75.7 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

8000

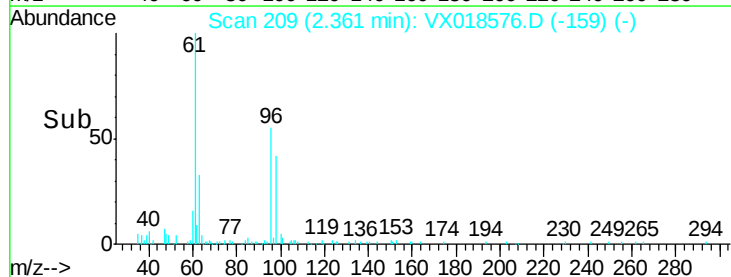
6000

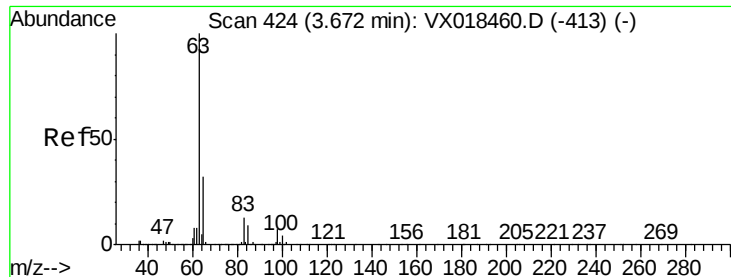
4000

2000

0

Time-->





#24

1,1-Dichloroethane

Concen: 2.612 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX018576.D

Acq: 24 Sep 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

MW203D-20200919

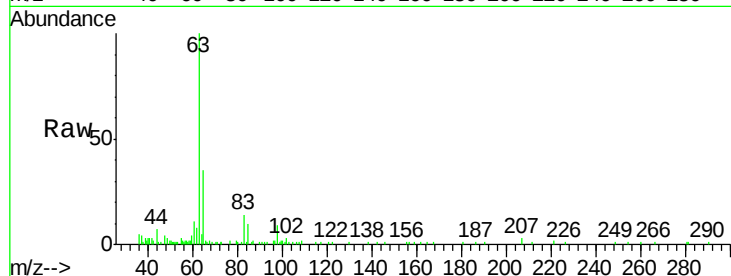
Tot Ion: 63 Resp: 22986

Ion Ratio Lower Upper

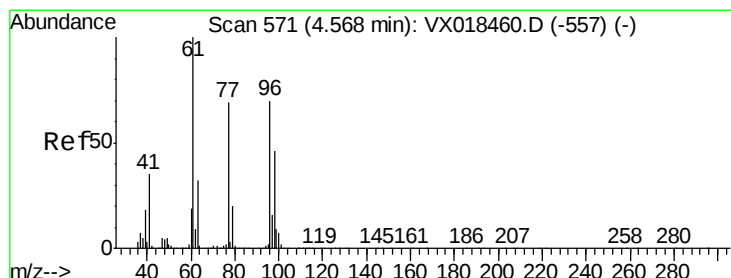
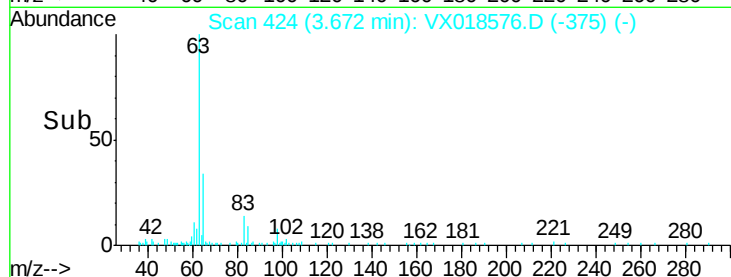
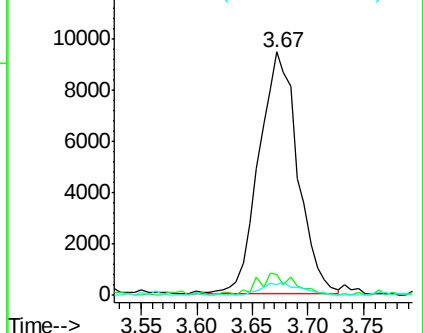
63 100

98 8.7 3.5 10.6

100 4.5 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: 2.785 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX018576.D

Acq: 24 Sep 2020 16:39

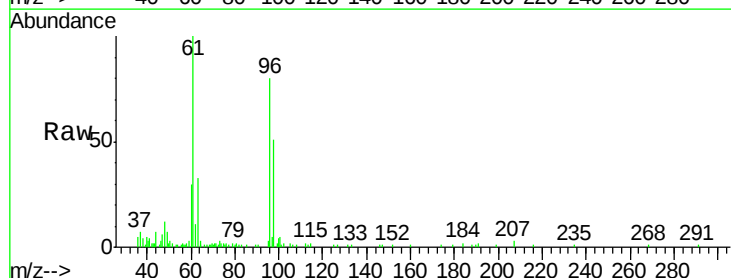
Tgt Ion: 96 Resp: 15197

Ion Ratio Lower Upper

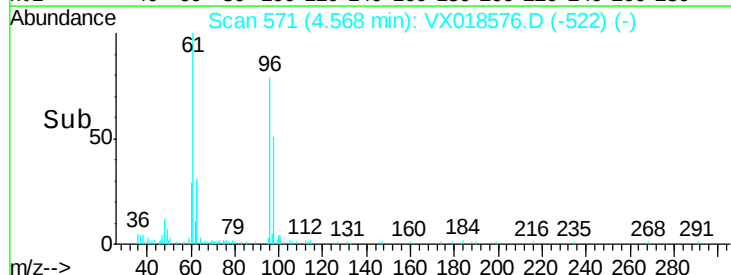
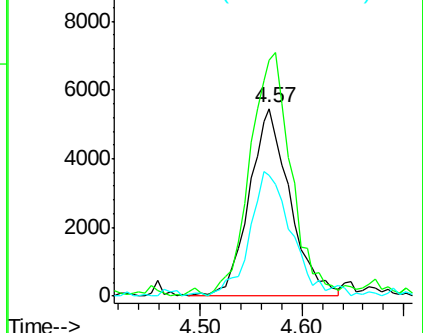
96 100

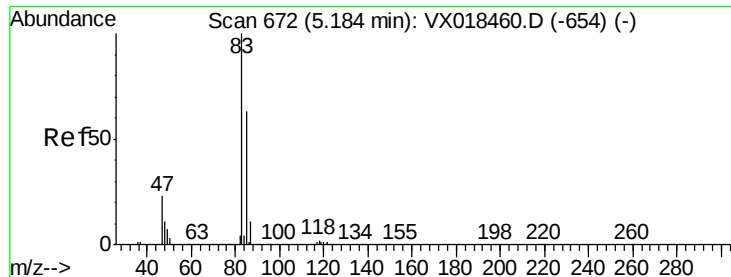
61 130.4 0.0 300.0

98 66.6 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

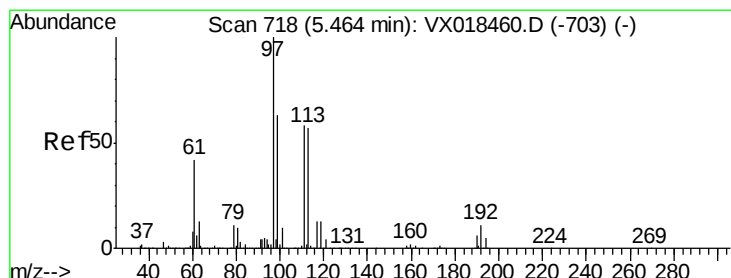
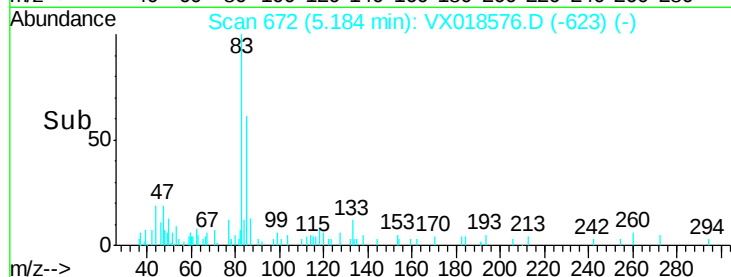
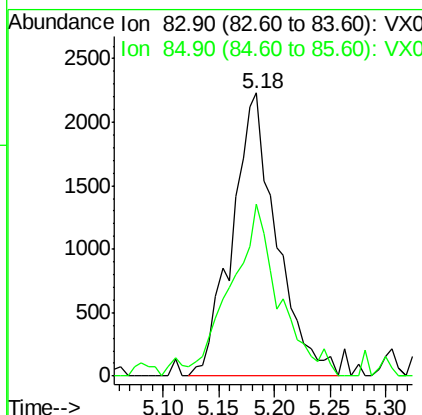
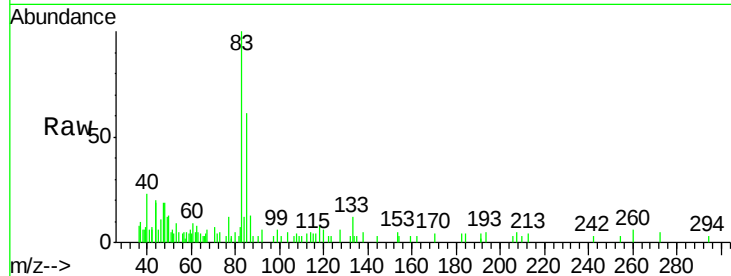




#30
Chloroform
Concen: 0.693 ug/l
RT: 5.18 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX018576.D
Acq: 24 Sep 2020 16:39

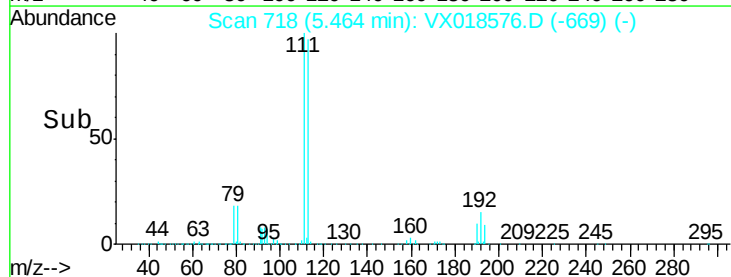
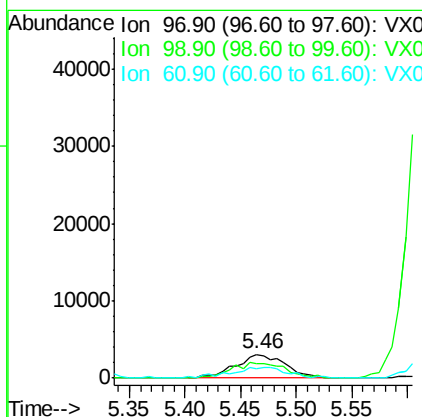
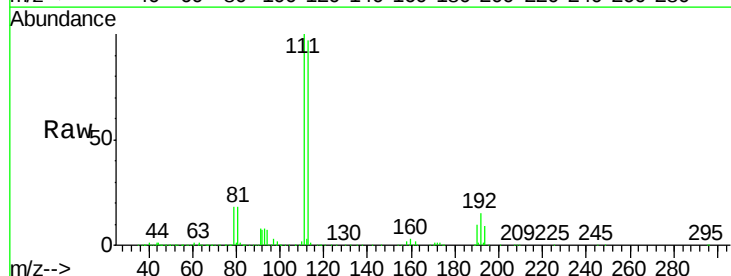
Instrument :
MSVOA_X
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MW203D-20200919

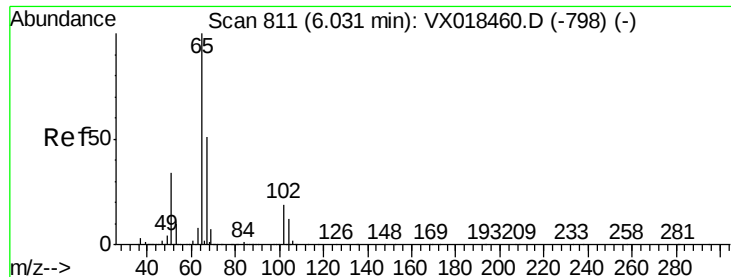
Tot Ion: 83 Resp: 6186
Ion Ratio Lower Upper
83 100
85 60.8 50.6 76.0



#32
1,1,1-Trichloroethane
Concen: 1.156 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018576.D
Acq: 24 Sep 2020 16:39

Tgt Ion: 97 Resp: 9686
Ion Ratio Lower Upper
97 100
99 0.0 50.5 75.7#
61 50.9 33.4 50.2#

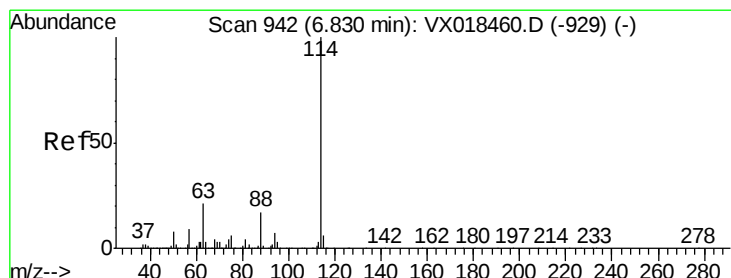
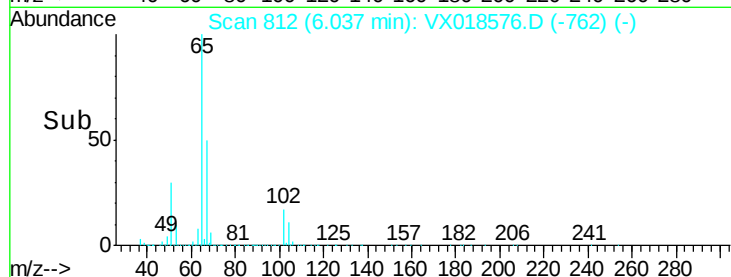
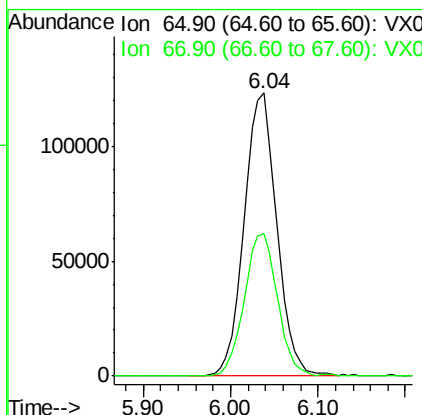
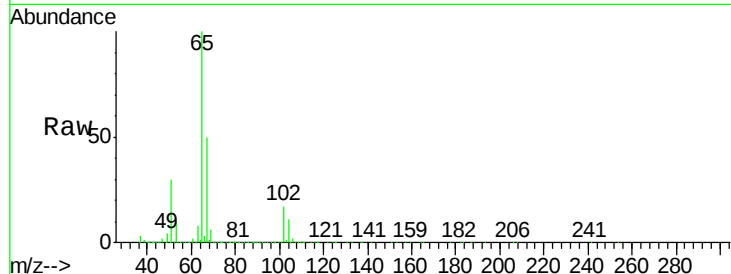




#33
 1,2-Dichloroethane-d4
 Concen: 52.104 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX018576.D
 Acq: 24 Sep 2020 16:39

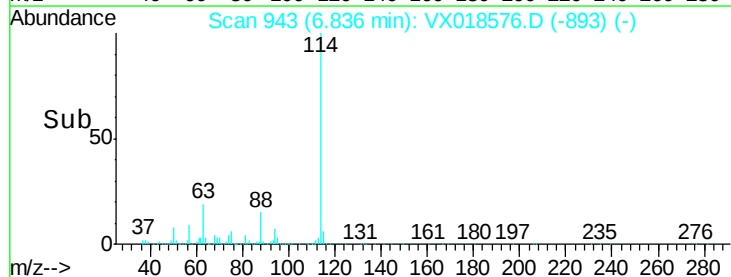
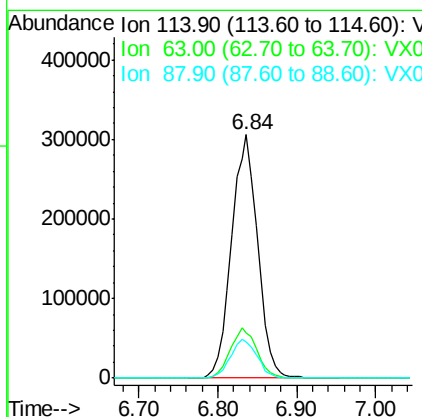
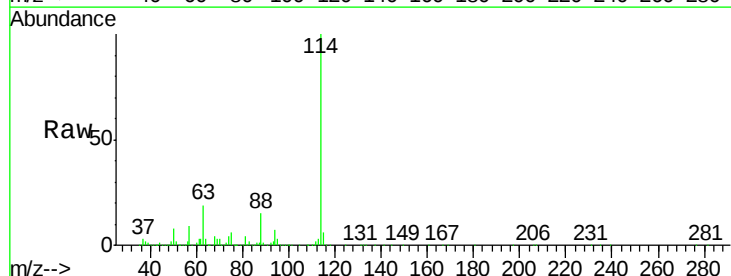
Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D-20200919

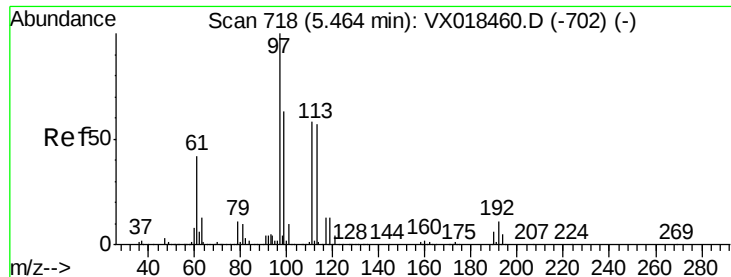
Tot Ion: 65 Resp: 318851
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX018576.D
 Acq: 24 Sep 2020 16:39

Tgt Ion: 114 Resp: 705100
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 42.8
 88 14.6 0.0 33.6





#35

Dibromofluoromethane

Concen: 51.672 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018576.D

Acq: 24 Sep 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

MW203D-20200919

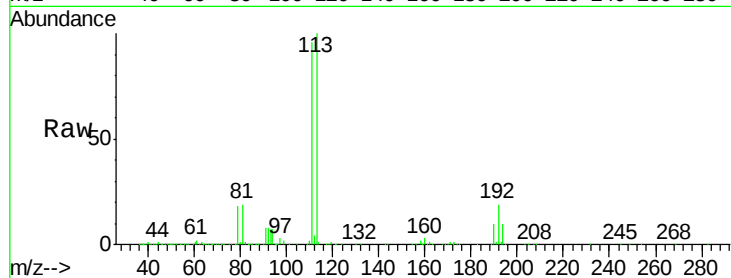
Tot Ion:113 Resp: 251874

Ion Ratio Lower Upper

113 100

111 100.2 81.4 122.2

192 18.6 16.6 24.8

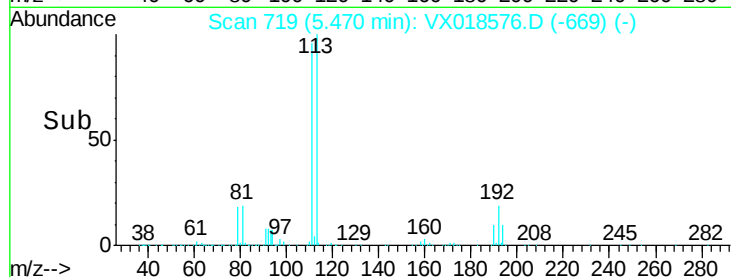


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

Time-->



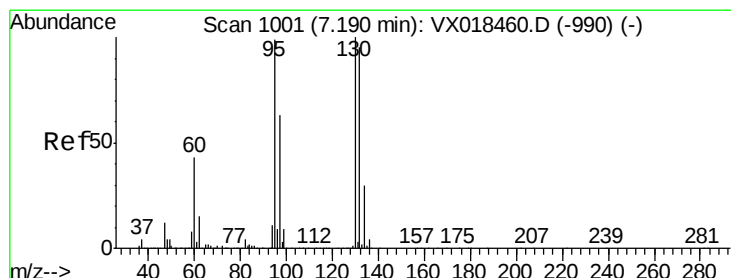
Abundance

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

Time-->



#44

Trichloroethene

Concen: 16.910 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018576.D

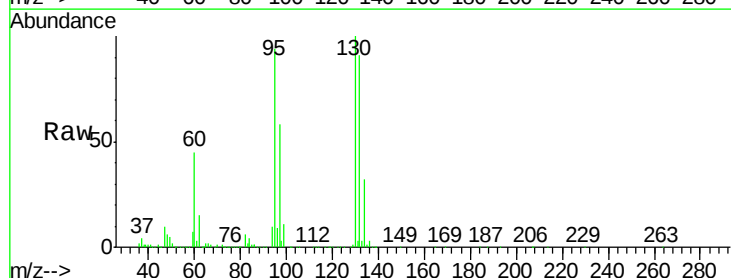
Acq: 24 Sep 2020 16:39

Tgt Ion:130 Resp: 96013

Ion Ratio Lower Upper

130 100

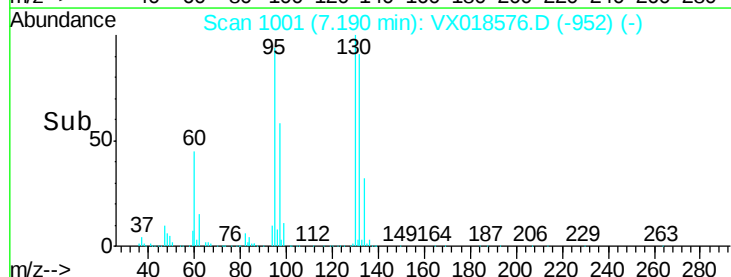
95 94.0 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

Time-->

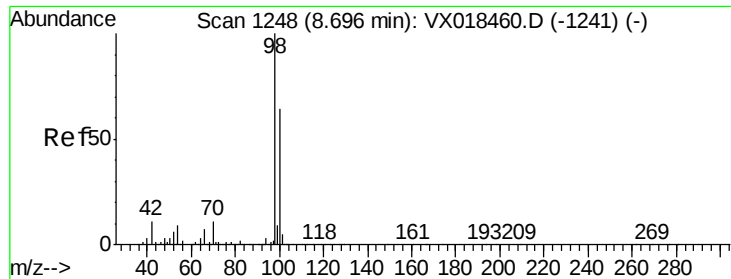


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

Time-->



#50

Toluene-d8

Concen: 49.376 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018576.D

Acq: 24 Sep 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

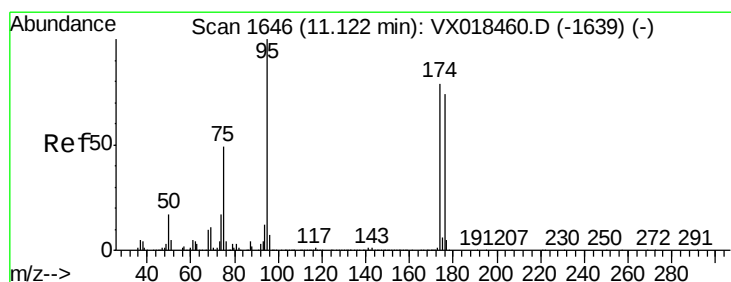
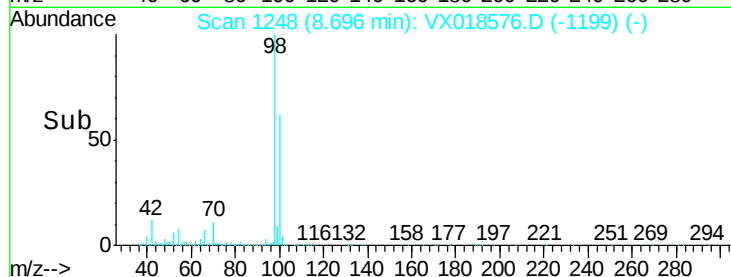
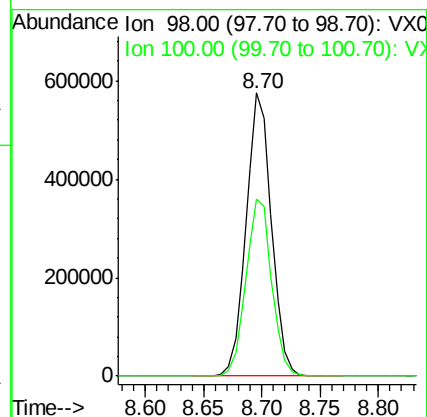
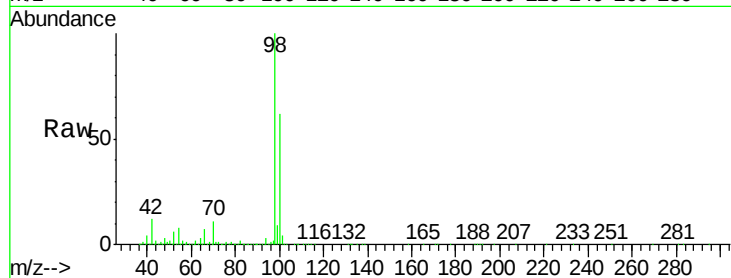
MW203D-20200919

Tot Ion: 98 Resp: 874479

Ion Ratio Lower Upper

98 100

100 63.7 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 46.324 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018576.D

Acq: 24 Sep 2020 16:39

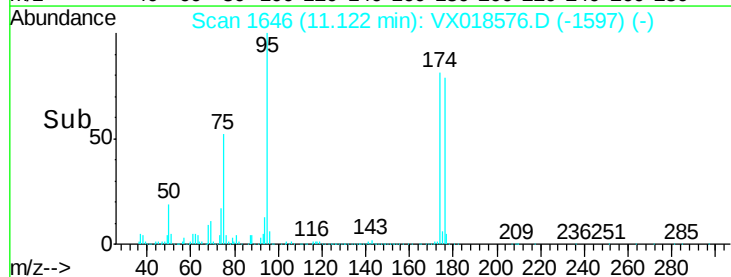
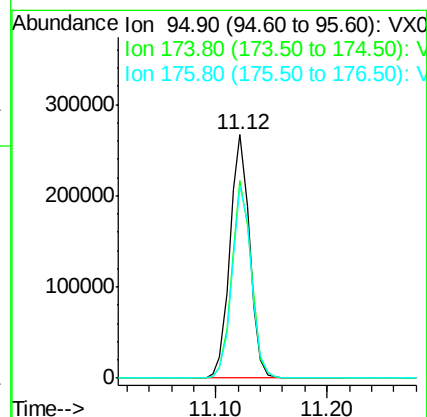
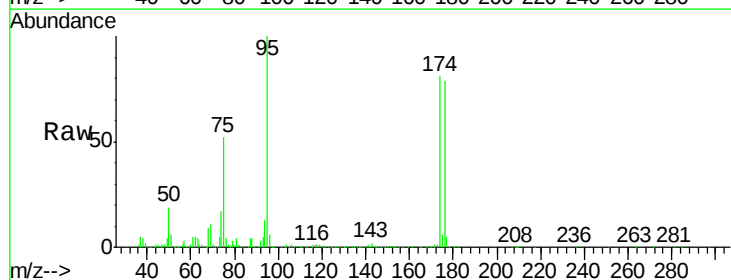
Tgt Ion: 95 Resp: 326344

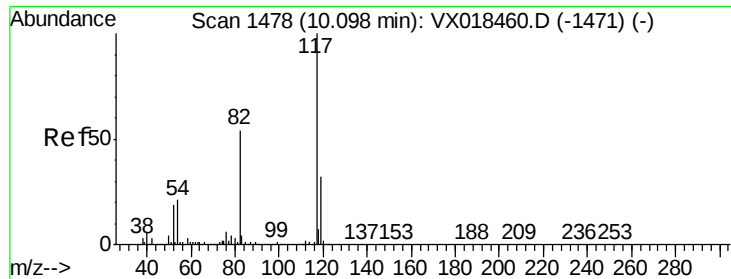
Ion Ratio Lower Upper

95 100

174 80.4 0.0 161.4

176 77.3 0.0 151.4

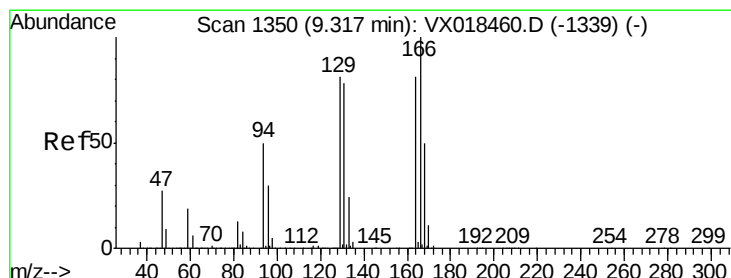
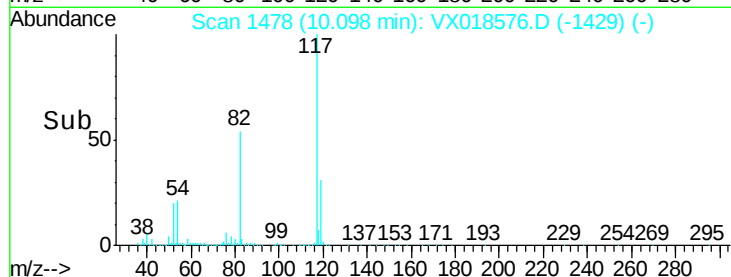
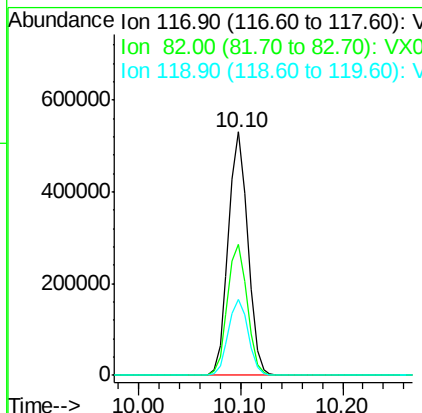
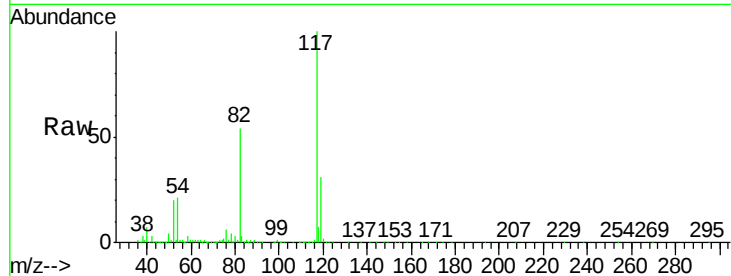




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018576.D
Acq: 24 Sep 2020 16:39

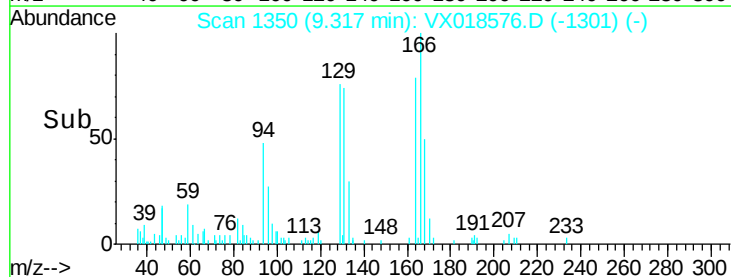
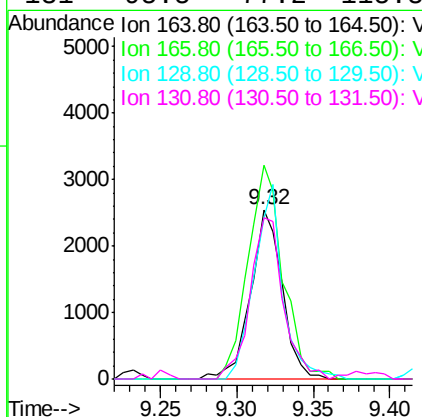
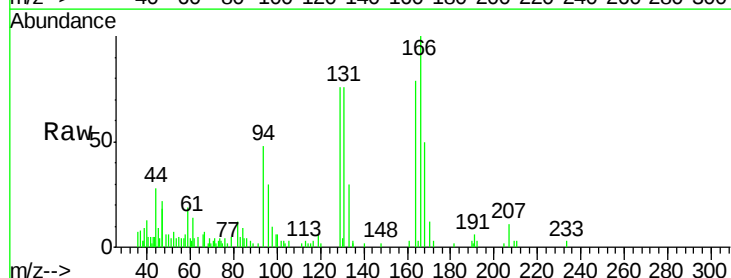
Instrument :
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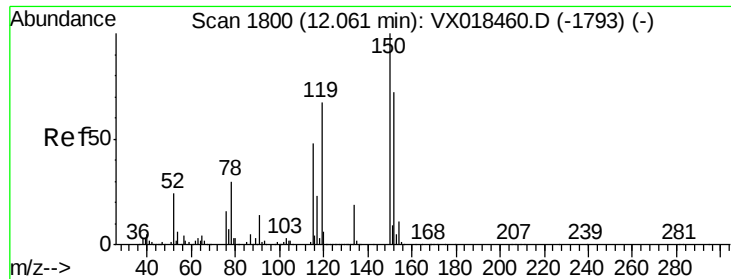
Tot Ion:117 Resp: 699924
Ion Ratio Lower Upper
117 100
82 53.9 43.3 64.9
119 31.3 25.9 38.9



#64
Tetrachloroethene
Concen: 0.666 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018576.D
Acq: 24 Sep 2020 16:39

Tgt Ion:164 Resp: 3672
Ion Ratio Lower Upper
164 100
166 126.0 99.3 148.9
129 95.2 80.7 121.1
131 95.5 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: VX018576.D

Acq: 24 Sep 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

MW203D-20200919

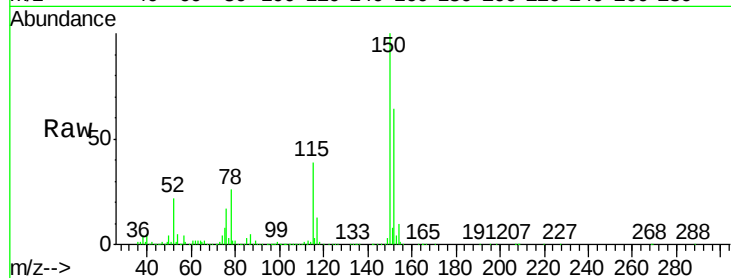
Tot Ion:152 Resp: 340414

Ion Ratio Lower Upper

152 100

115 59.8 41.8 125.4

150 155.5 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

