

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070720\
 Data File : VX017232.D
 Acq On : 08 Jul 2020 03:15
 Operator : JC/SP
 Sample : L3232-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1004-MW-02

Quant Time: Jul 08 07:03:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

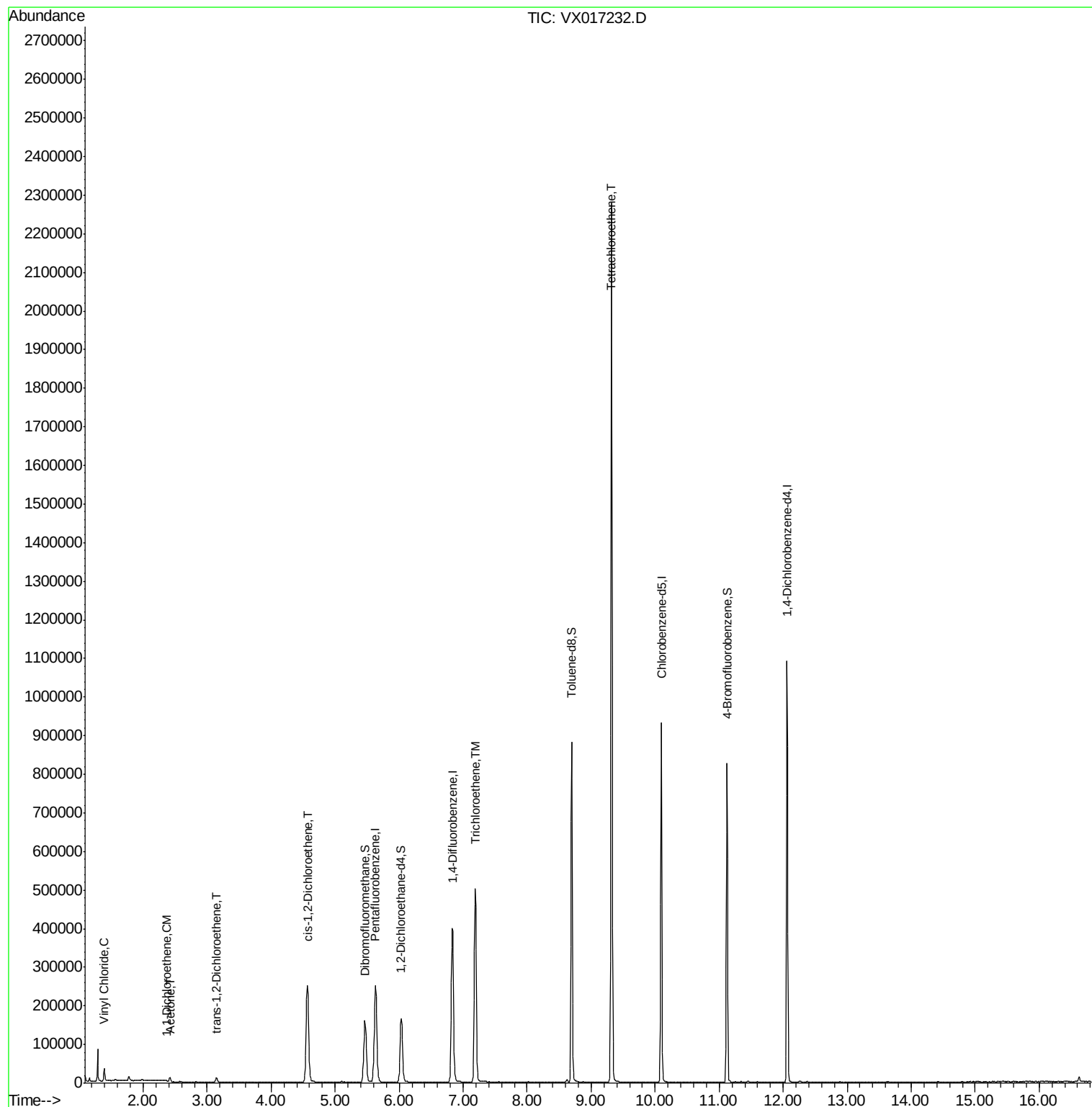
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	243026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	409727	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	423863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	220893	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	162802	54.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.68%	
35) Dibromofluoromethane	5.46	113	137796	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
50) Toluene-d8	8.70	98	504008	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
62) 4-Bromofluorobenzene	11.12	95	203868	54.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.84%	
Target Compounds						
4) Vinyl Chloride	1.39	62	8291	3.140	ug/l	99
12) 1,1-Dichloroethene	2.36	96	1142	0.475	ug/l #	91
16) Acetone	2.42	43	11466	10.230	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	4539	1.701	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	163937	54.224	ug/l	90
44) Trichloroethene	7.19	130	200299	63.882	ug/l	95
64) Tetrachloroethene	9.32	164	437703	127.952	ug/l	96

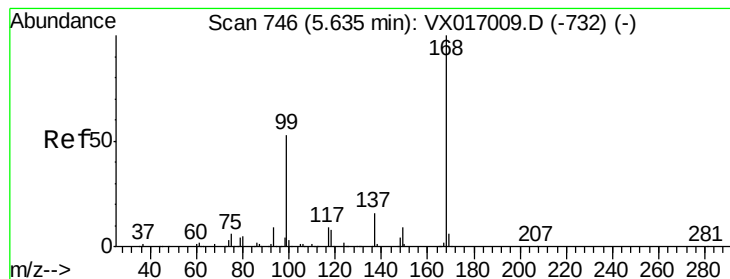
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 08 07:03:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017232.D

Acq: 08 Jul 2020 03:15

Instrument :

MSVOA_X

ClientSampleId :

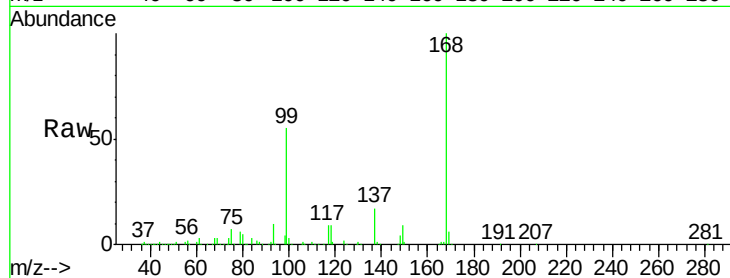
1004-MW-02

Tot Ion:168 Resp: 243026

Ion Ratio Lower Upper

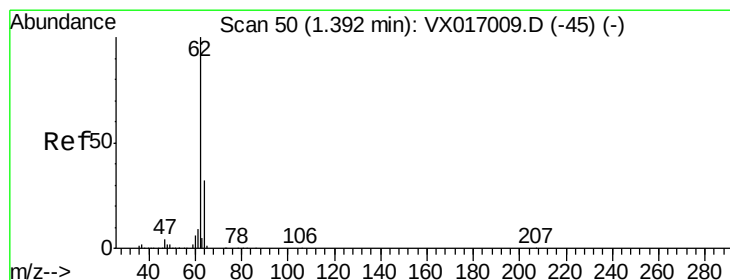
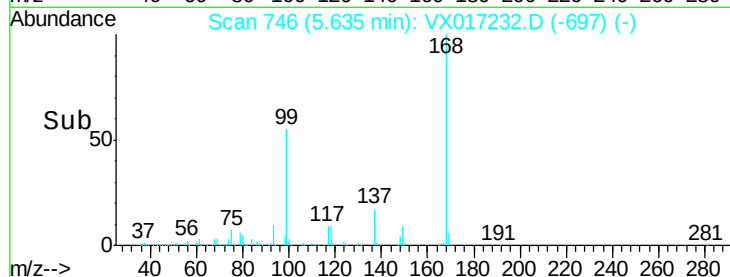
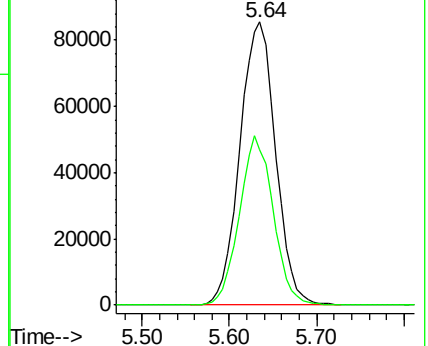
168 100

99 55.1 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 3.140 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017232.D

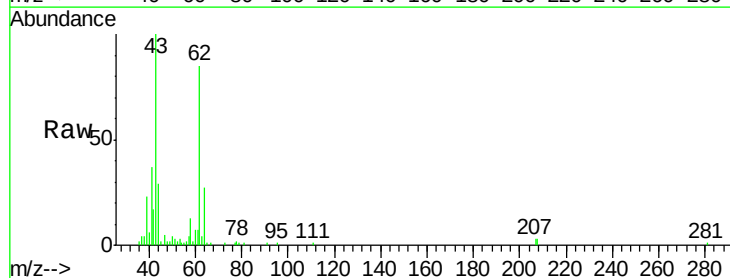
Acq: 08 Jul 2020 03:15

Tgt Ion: 62 Resp: 8291

Ion Ratio Lower Upper

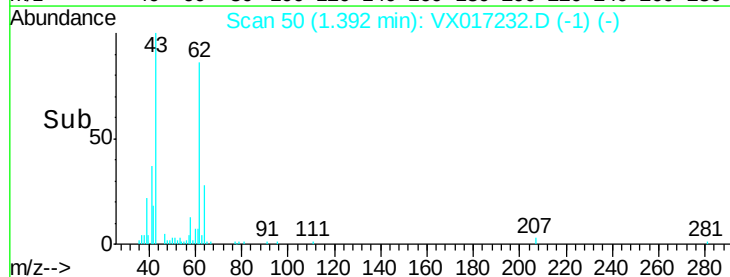
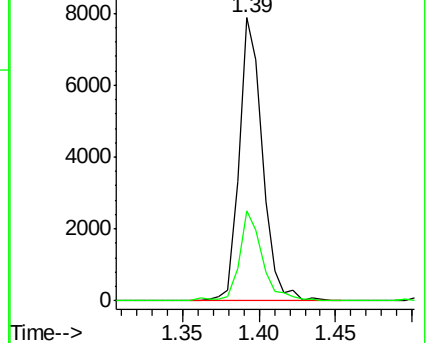
62 100

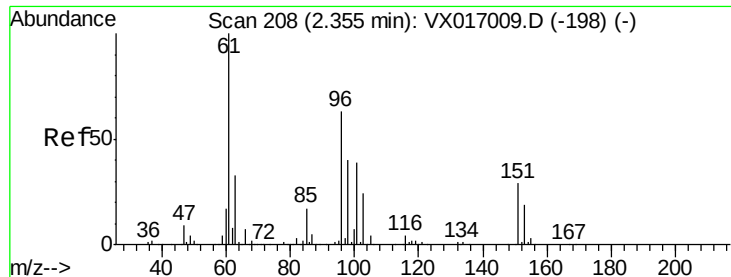
64 32.0 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

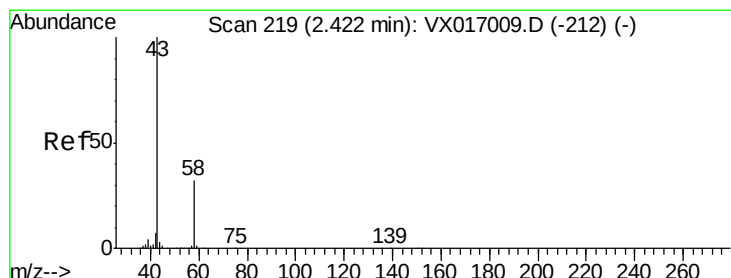
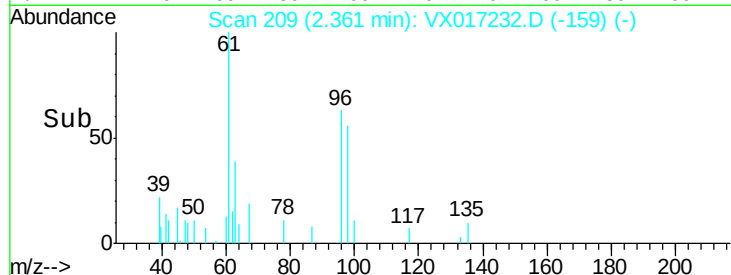
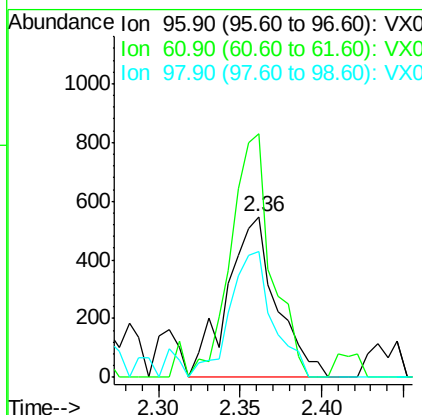
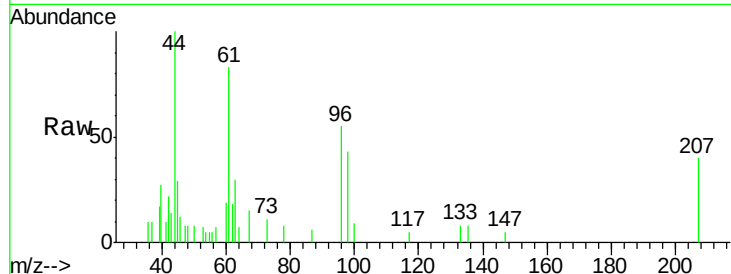




#12
 1,1-Dichloroethene
 Concen: 0.475 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. 0.01 min
 Lab File: VX017232.D
 Acq: 08 Jul 2020 03:15

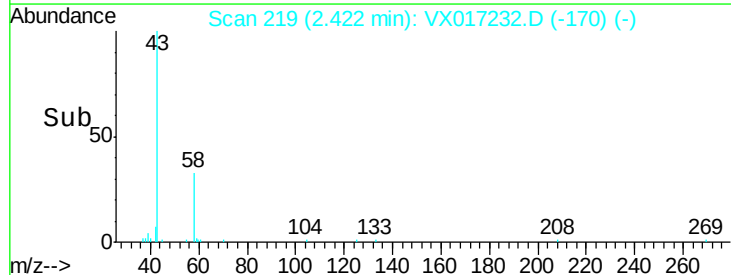
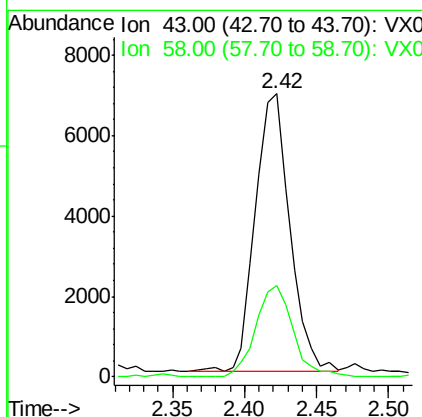
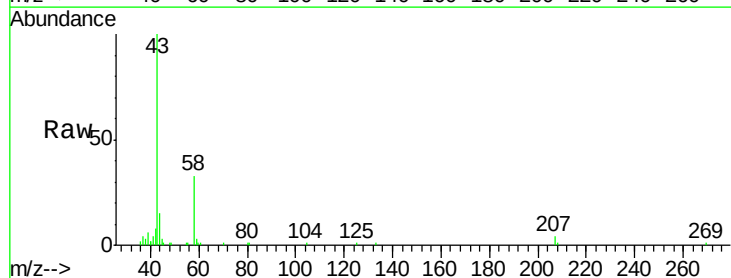
Instrument :
 MSVOA_X
 ClientSampled :
 1004-MW-02

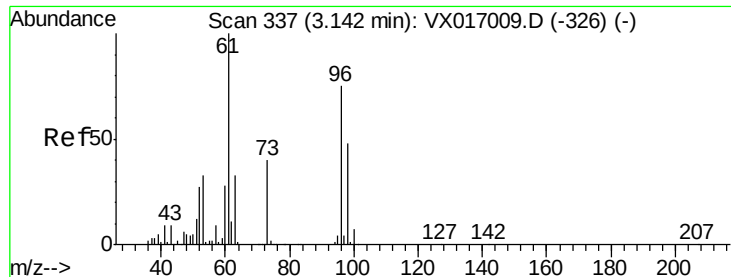
Tot Ion: 96 Resp: 1142
 Ion Ratio Lower Upper
 96 100
 61 151.6 126.3 189.5
 98 78.2 51.0 76.6#



#16
 Acetone
 Concen: 10.230 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX017232.D
 Acq: 08 Jul 2020 03:15

Tgt Ion: 43 Resp: 11466
 Ion Ratio Lower Upper
 43 100
 58 33.2 25.7 38.5





#21

trans-1,2-Dichloroethene

Concen: 1.701 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017232.D

Acq: 08 Jul 2020 03:15

Instrument :

MSVOA_X

ClientSampled :

1004-MW-02

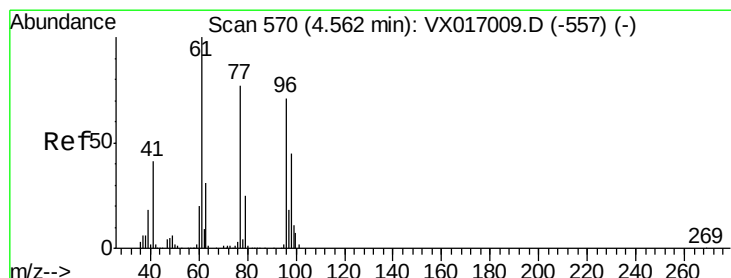
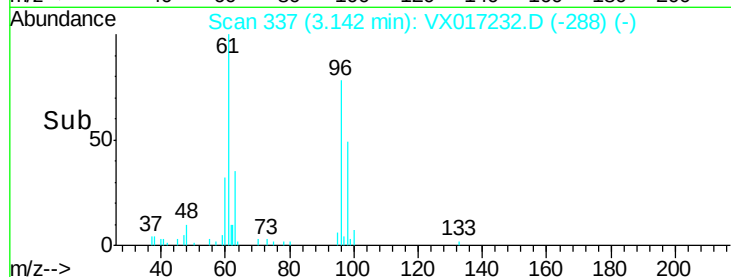
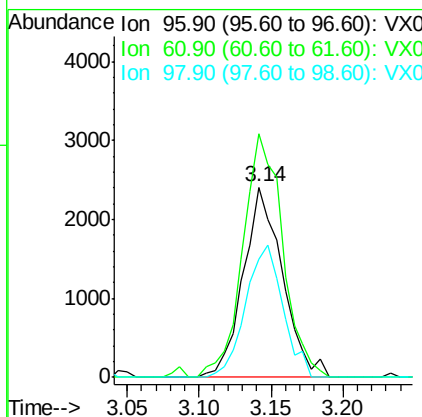
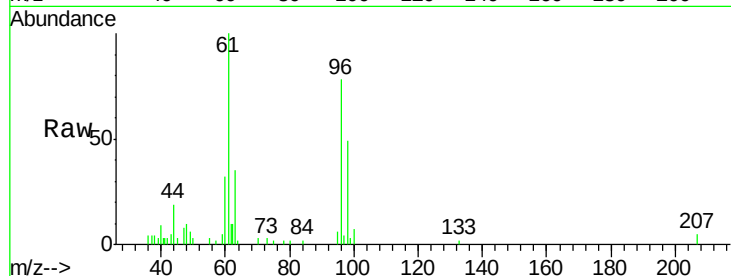
Tot Ion: 96 Resp: 4539

Ion Ratio Lower Upper

96 100

61 128.2 107.0 160.6

98 62.3 51.6 77.4



#27

cis-1,2-Dichloroethene

Concen: 54.224 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX017232.D

Acq: 08 Jul 2020 03:15

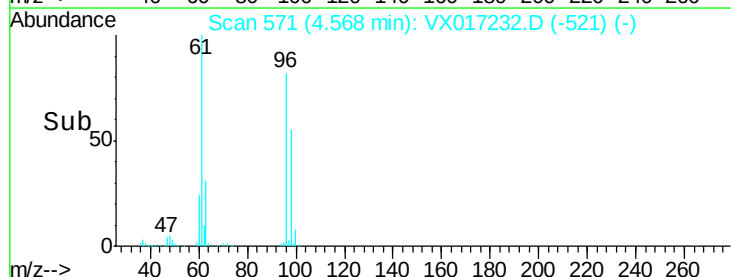
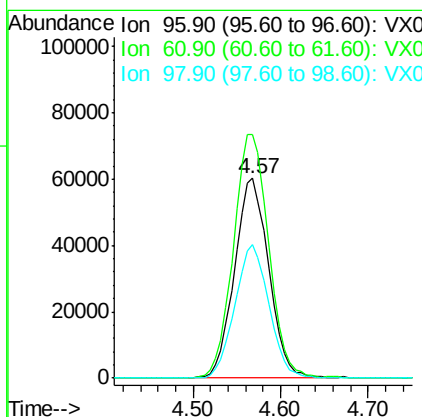
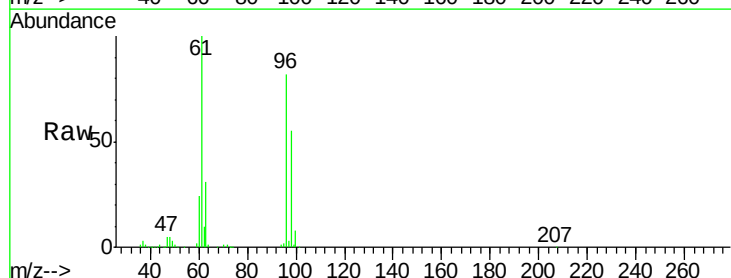
Tgt Ion: 96 Resp: 163937

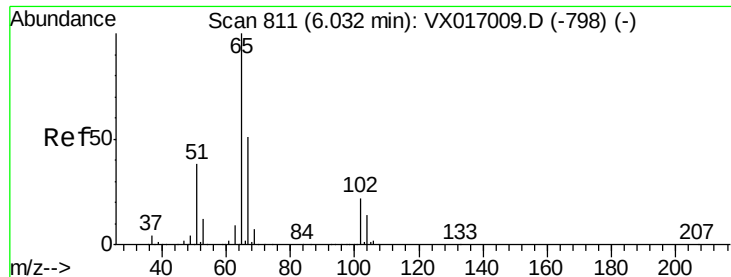
Ion Ratio Lower Upper

96 100

61 125.3 0.0 282.8

98 66.7 0.0 127.6

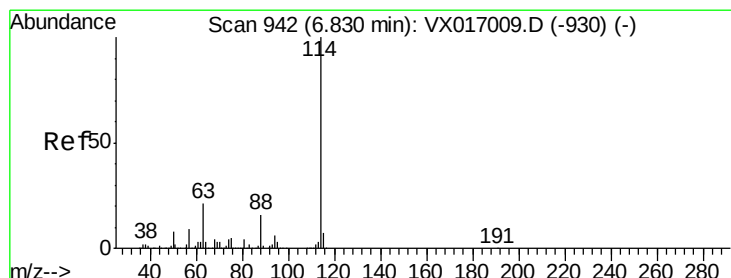
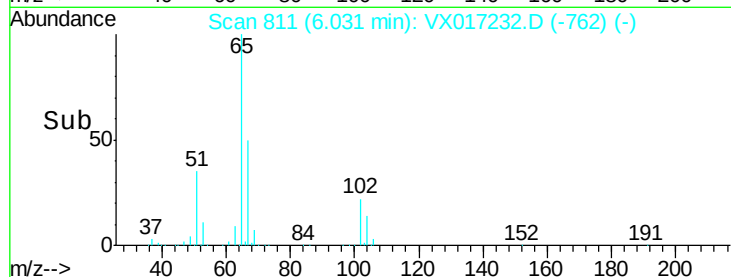
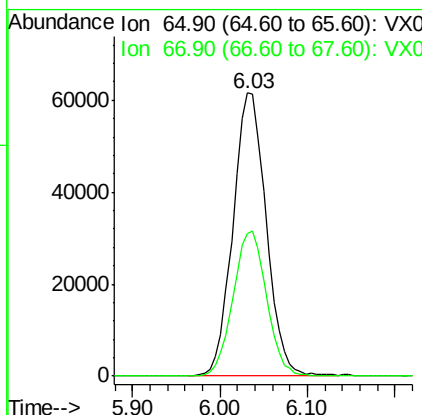
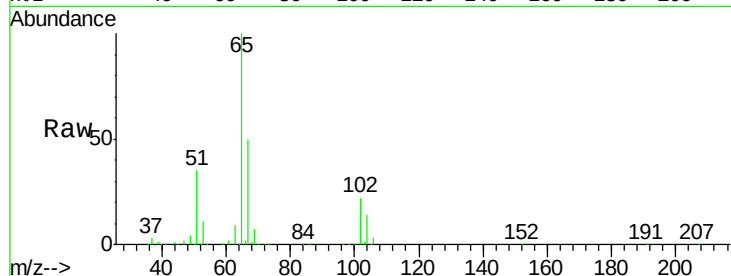




#33
 1,2-Dichloroethane-d4
 Concen: 54.339 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017232.D
 Acq: 08 Jul 2020 03:15

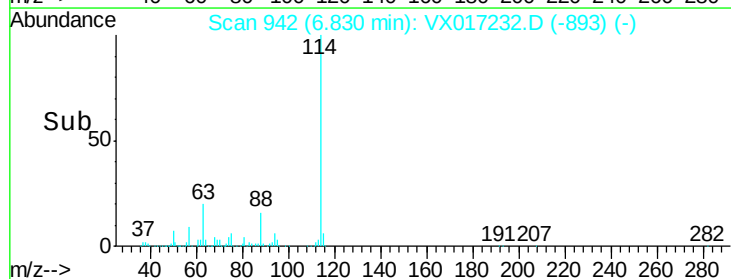
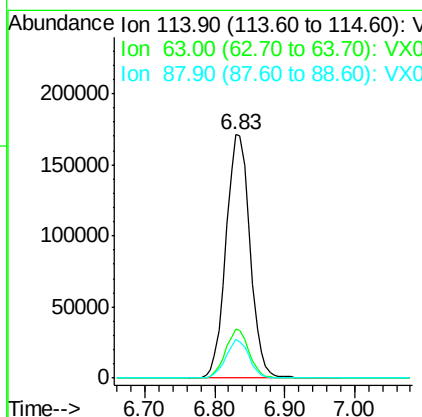
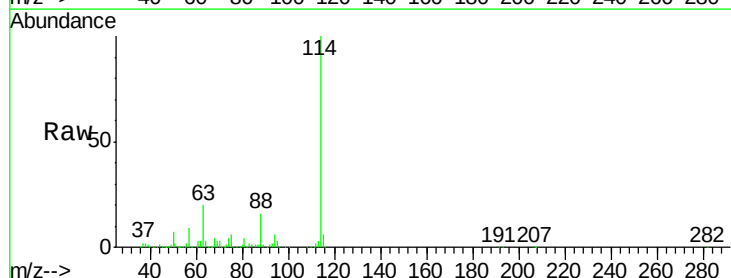
Instrument :
 MSVOA_X
 ClientSampleId :
 1004-MW-02

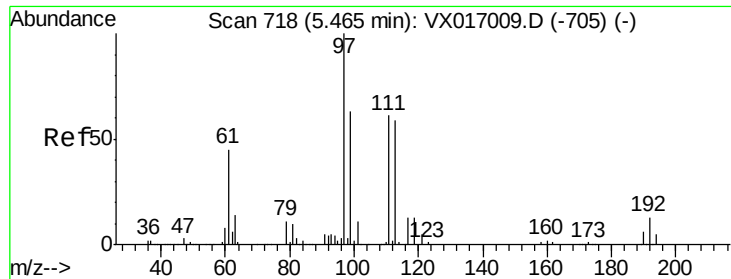
Tot Ion: 65 Resp: 162802
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017232.D
 Acq: 08 Jul 2020 03:15

Tgt Ion: 114 Resp: 409727
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.4
 88 15.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 53.166 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017232.D

Acq: 08 Jul 2020 03:15

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02

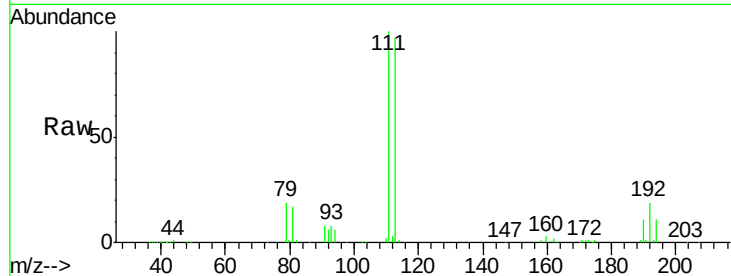
Tot Ion:113 Resp: 137796

Ion Ratio Lower Upper

113 100

111 104.7 81.9 122.9

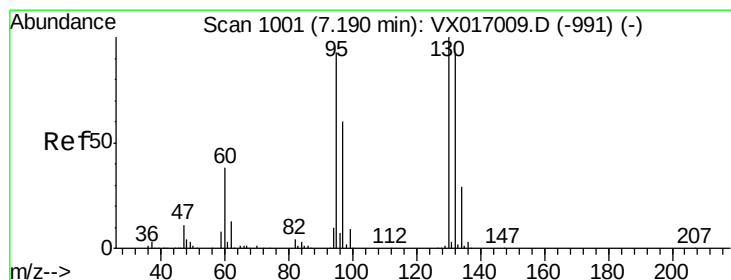
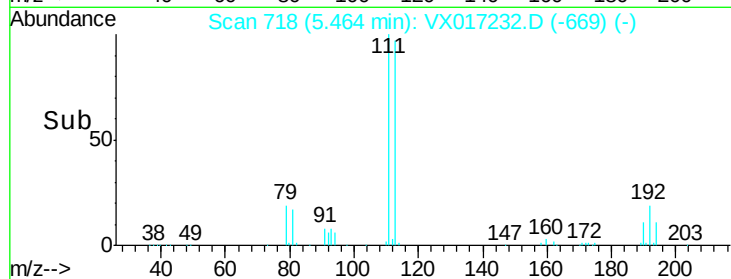
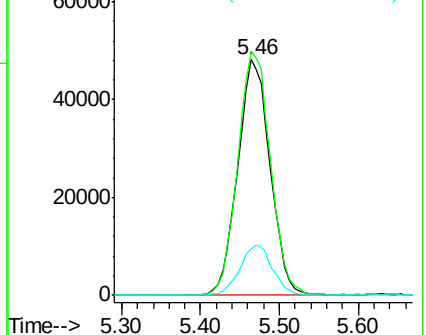
192 21.6 16.7 25.1



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: 63.882 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017232.D

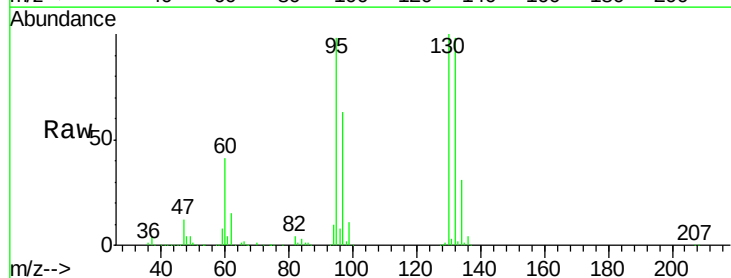
Acq: 08 Jul 2020 03:15

Tgt Ion:130 Resp: 200299

Ion Ratio Lower Upper

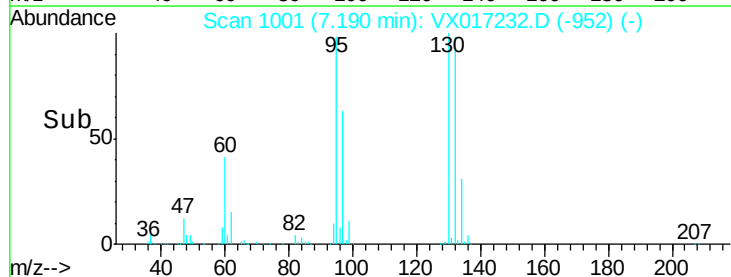
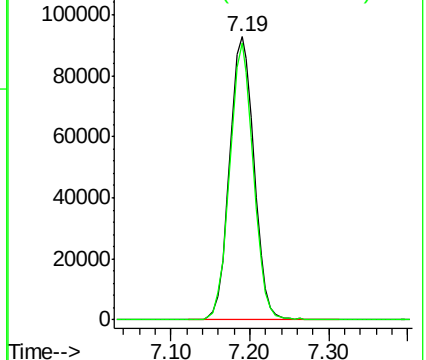
130 100

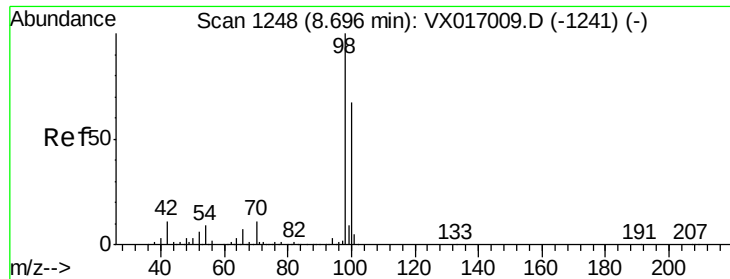
95 97.7 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 52.589 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017232.D

Acq: 08 Jul 2020 03:15

Instrument :

MSVOA_X

ClientSampleId :

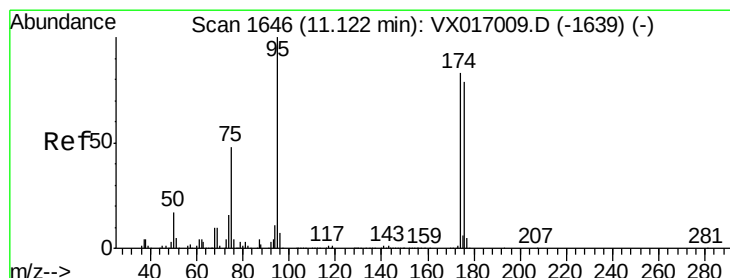
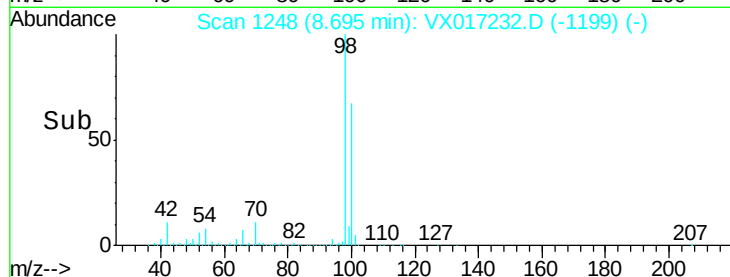
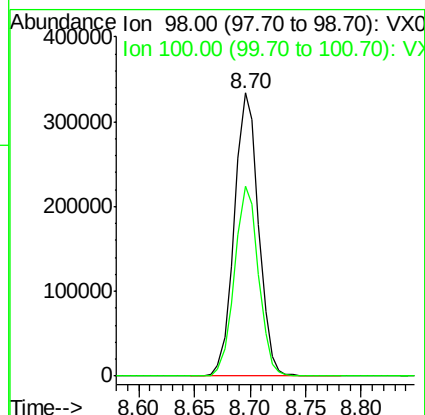
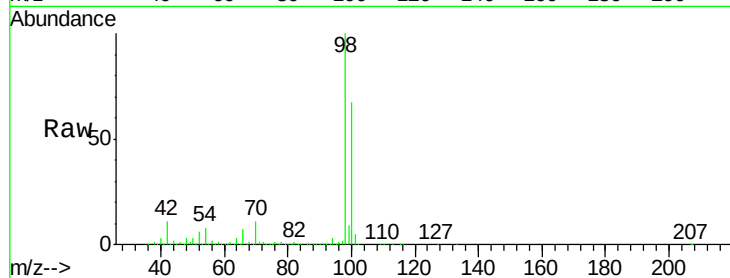
1004-MW-02

Tot Ion: 98 Resp: 504008

Ion Ratio Lower Upper

98 100

100 66.6 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 54.416 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017232.D

Acq: 08 Jul 2020 03:15

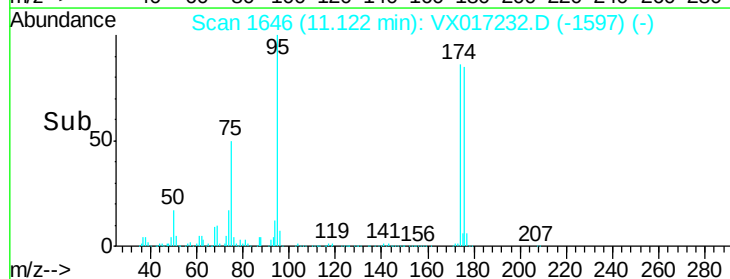
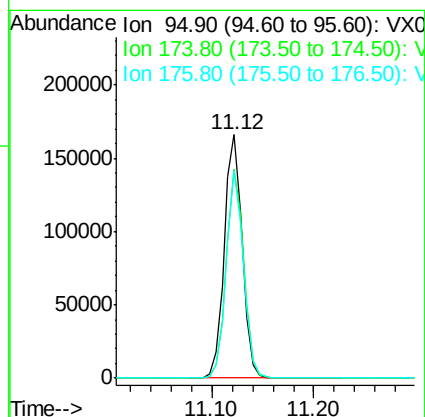
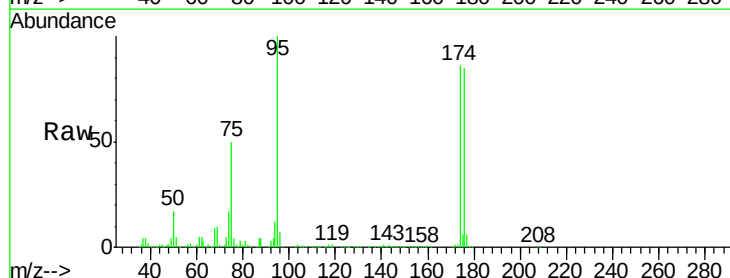
Tgt Ion: 95 Resp: 203868

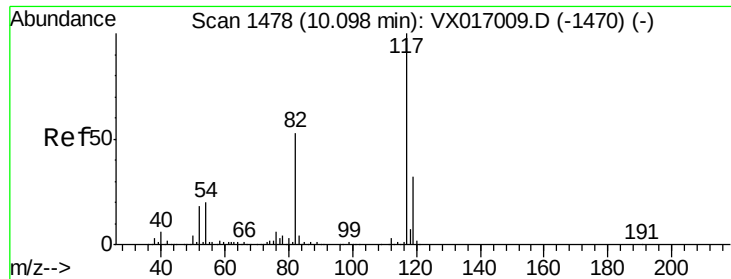
Ion Ratio Lower Upper

95 100

174 83.7 0.0 164.0

176 81.5 0.0 157.6

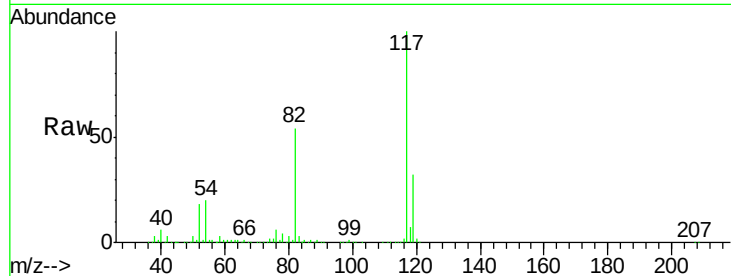




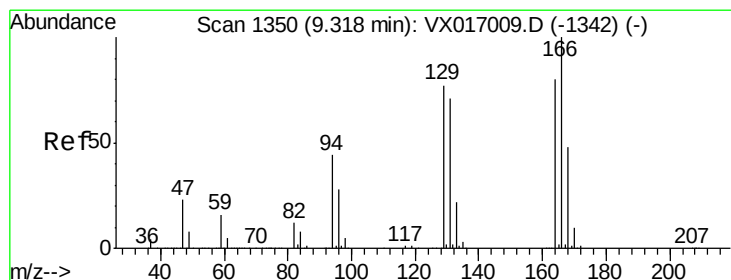
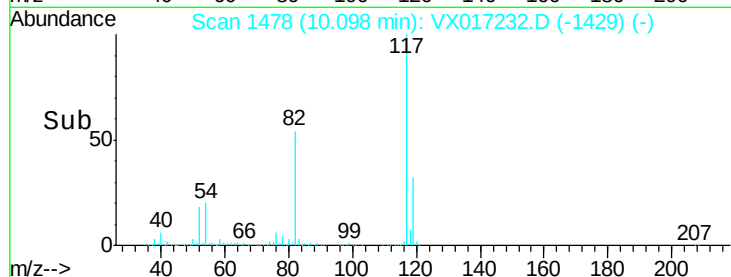
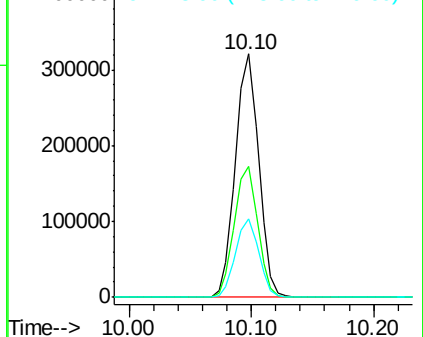
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017232.D
Acq: 08 Jul 2020 03:15

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02

Tot Ion:117 Resp: 423863
Ion Ratio Lower Upper
117 100
82 53.7 42.6 63.8
119 32.3 25.4 38.2



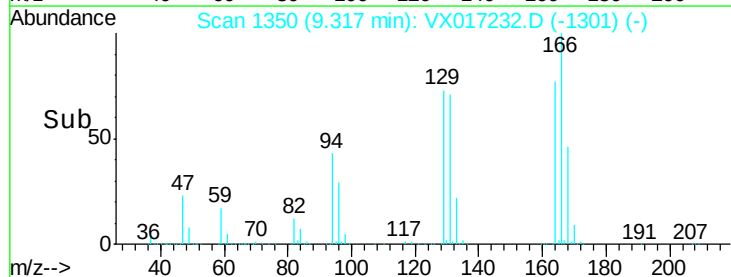
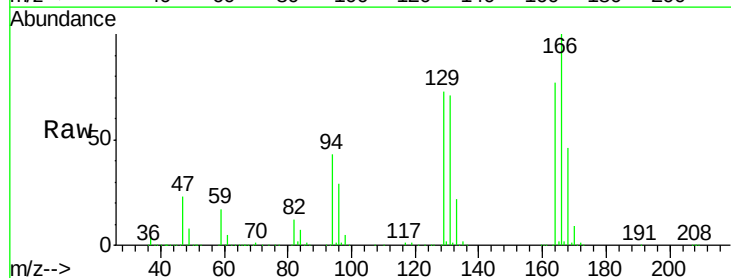
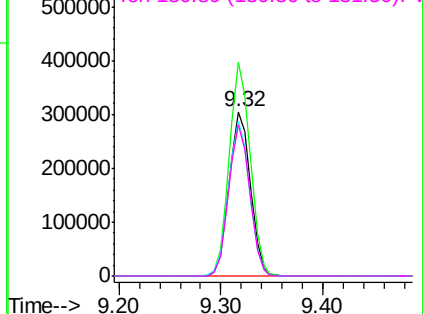
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

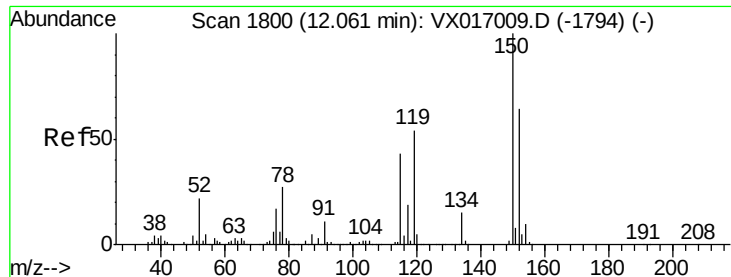


#64
Tetrachloroethene
Concen: 127.952 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017232.D
Acq: 08 Jul 2020 03:15

Tgt Ion:164 Resp: 437703
Ion Ratio Lower Upper
164 100
166 130.3 99.4 149.0
129 94.6 76.3 114.5
131 92.2 70.6 105.8

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VX017232.D

Acq: 08 Jul 2020 03:15

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02

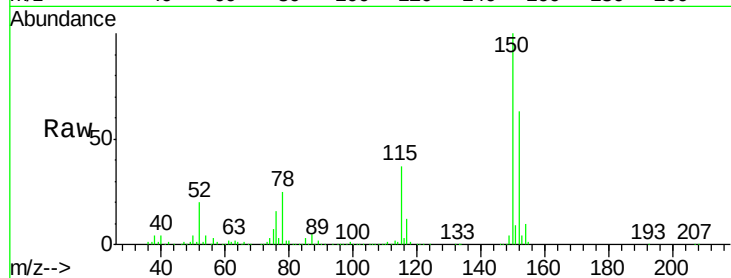
Tot Ion:152 Resp: 220893

Ion Ratio Lower Upper

152 100

115 57.8 40.9 122.7

150 156.7 0.0 351.6



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

