

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
 Data File : VX016172.D
 Acq On : 13 May 2020 12:27
 Operator : JC/SP
 Sample : L2597-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW765-200511

Quant Time: May 14 06:43:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

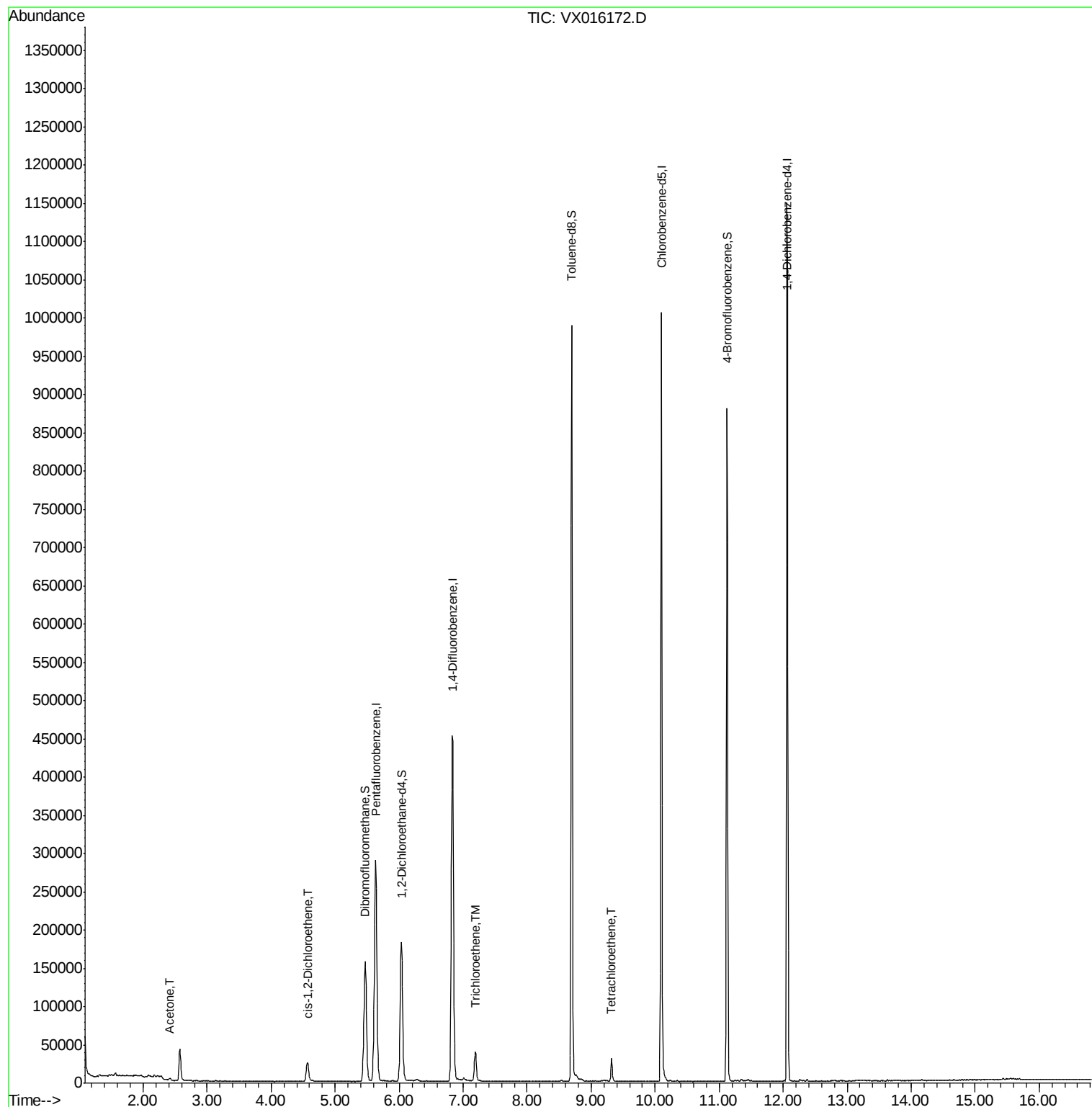
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	284178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	469819	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	461987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	237656	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	172786	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.42%	
35) Dibromofluoromethane	5.46	113	137631	46.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.48%	
50) Toluene-d8	8.70	98	576075	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.12	95	233590	53.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.10%	
Target Compounds						
16) Acetone	2.42	43	2800	1.678	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	16105	4.475	ug/l	87
44) Trichloroethene	7.19	130	14816	3.082	ug/l	97
64) Tetrachloroethene	9.32	164	6121	1.079	ug/l #	87

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

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 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: VX016172.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

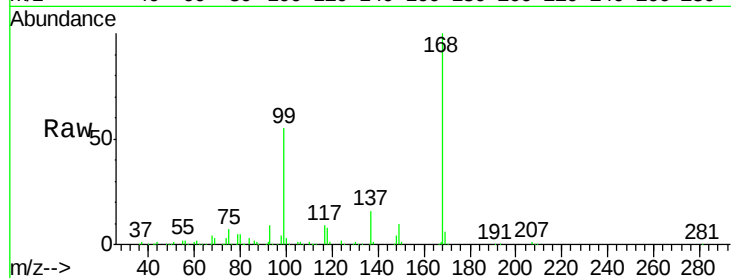
SS052MW765-200511

Tot Ion:168 Resp: 284178

Ion Ratio Lower Upper

168 100

99 54.7 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

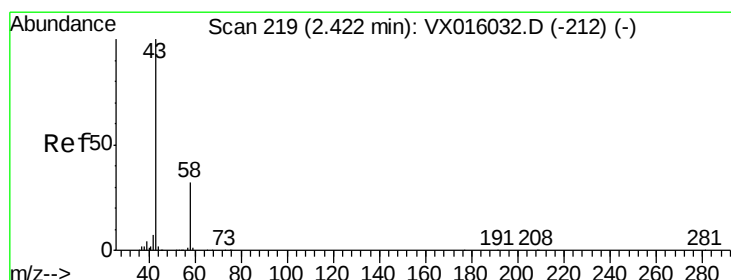
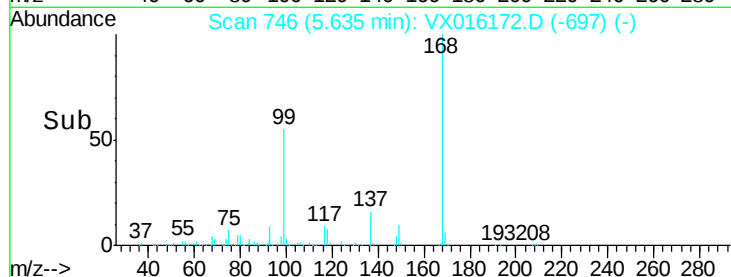
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 1.678 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016172.D

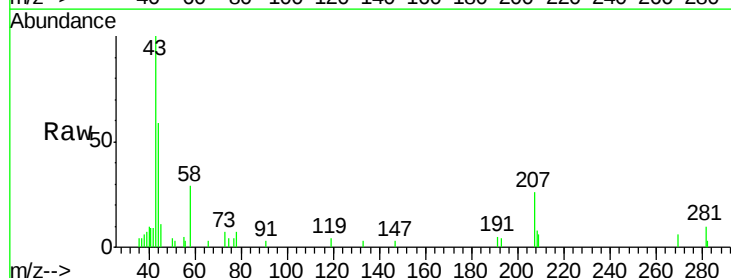
Acq: 13 May 2020 12:27

Tgt Ion: 43 Resp: 2800

Ion Ratio Lower Upper

43 100

58 31.0 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

2000

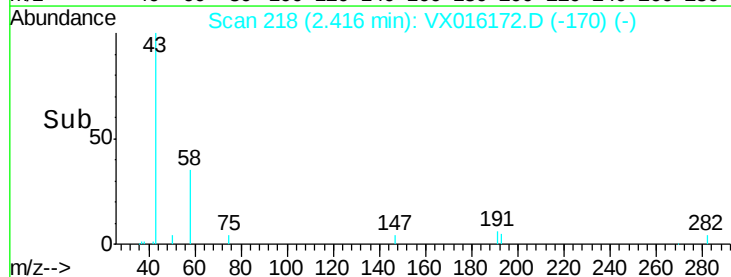
1500

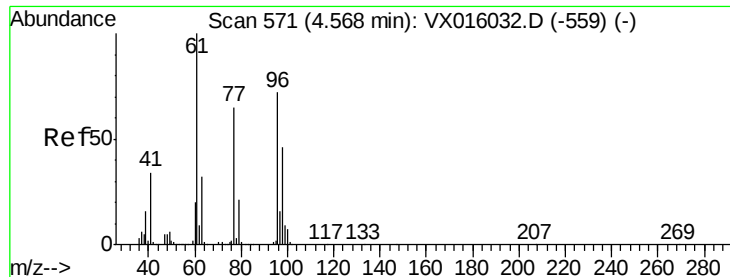
1000

500

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 4.475 ug/l

RT: 4.57 min Scan# 572

Delta R.T. 0.01 min

Lab File: VX016172.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511

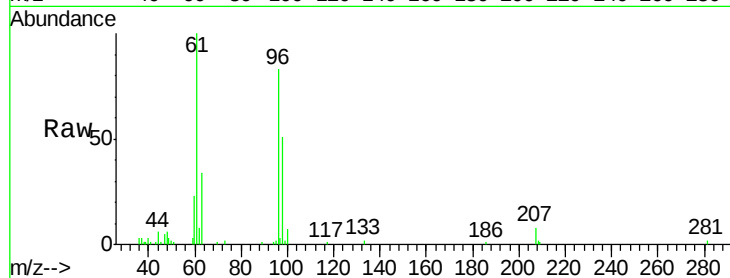
Tot Ion: 96 Resp: 16105

Ion Ratio Lower Upper

96 100

61 126.5 0.0 296.2

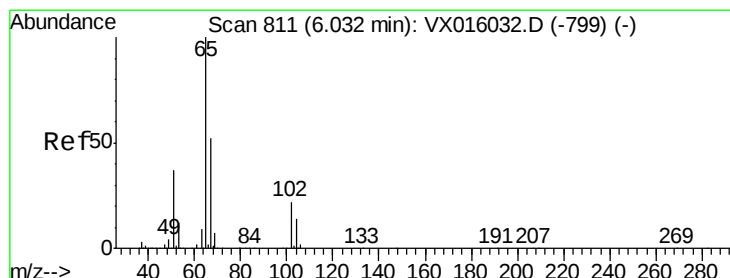
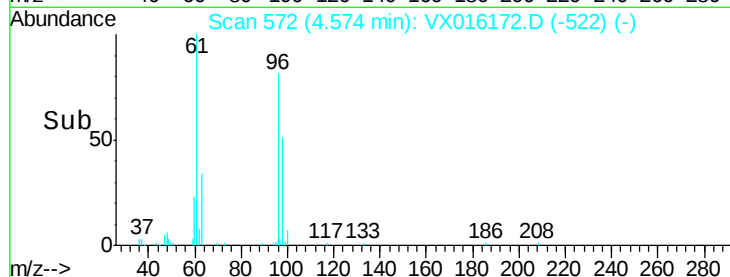
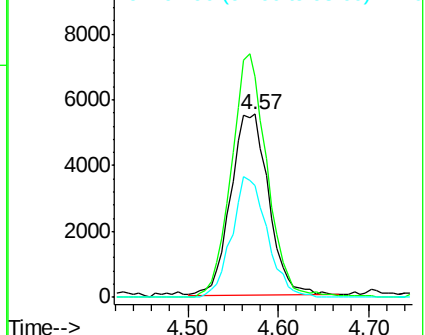
98 61.5 0.0 129.4



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: 46.206 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016172.D

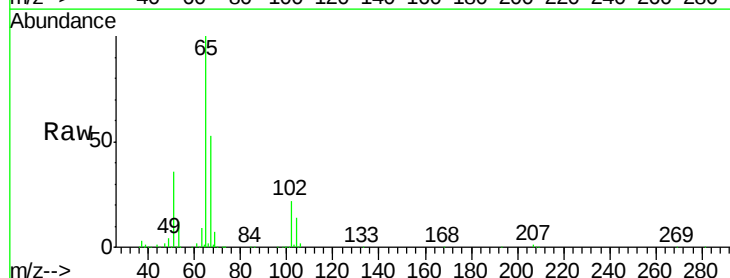
Acq: 13 May 2020 12:27

Tgt Ion: 65 Resp: 172786

Ion Ratio Lower Upper

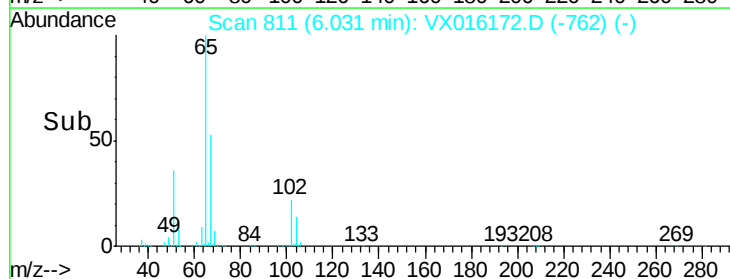
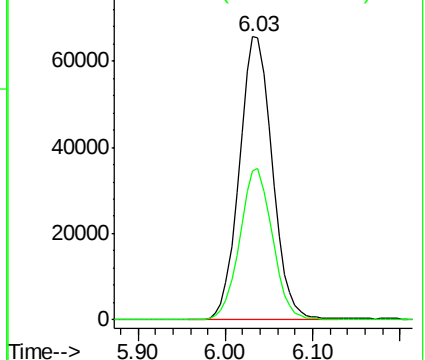
65 100

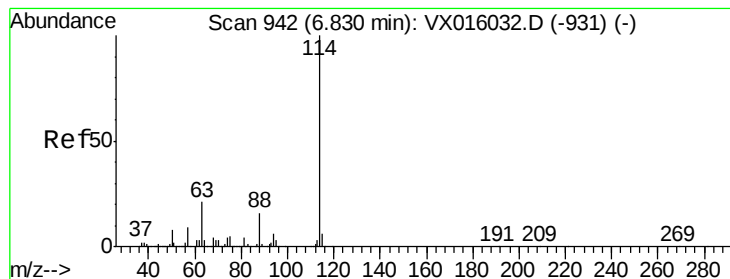
67 52.8 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016172.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511

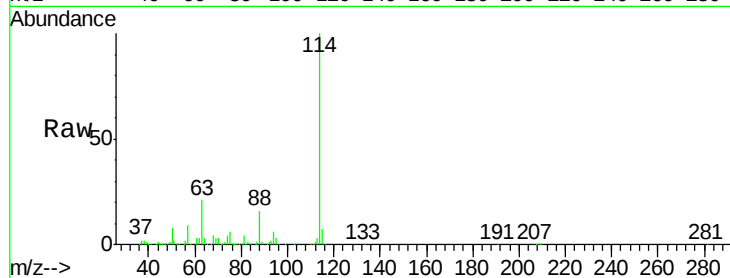
Tot Ion:114 Resp: 469819

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

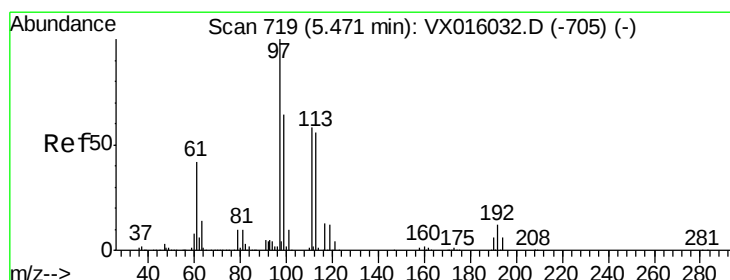
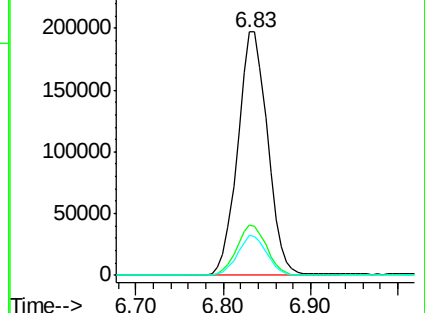
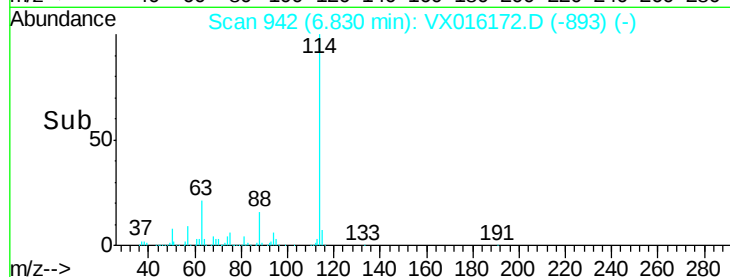
88 16.3 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 46.239 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016172.D

Acq: 13 May 2020 12:27

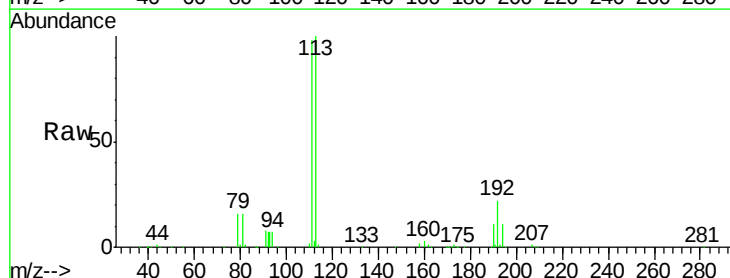
Tgt Ion:113 Resp: 137631

Ion Ratio Lower Upper

113 100

111 102.9 81.6 122.4

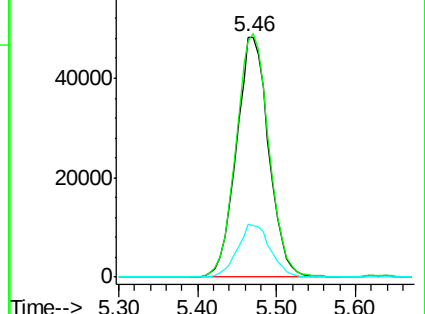
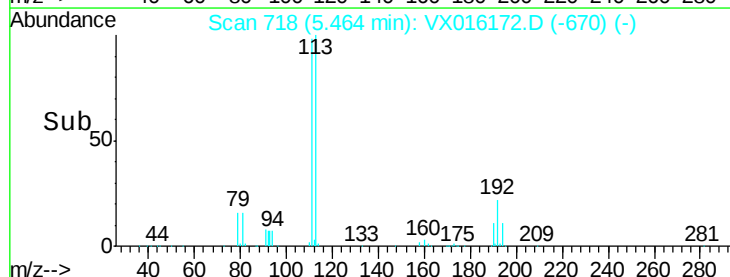
192 22.3 17.0 25.4

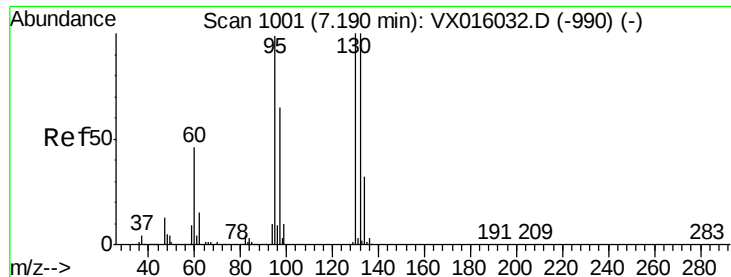


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.082 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016172.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

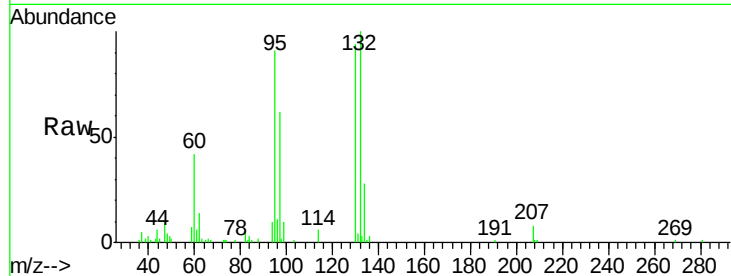
SS052MW765-200511

Tot Ion:130 Resp: 14816

Ion Ratio Lower Upper

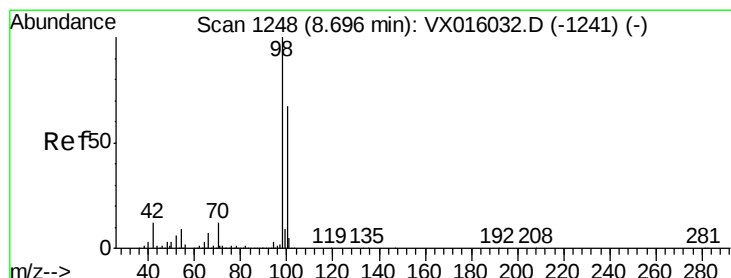
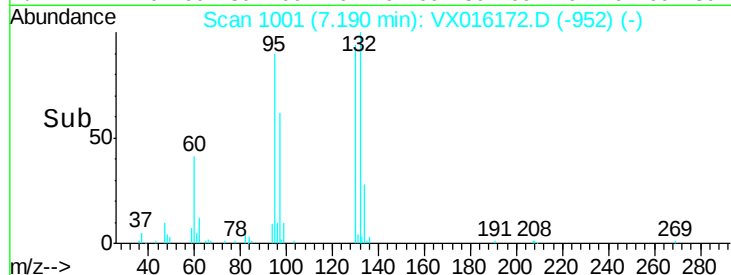
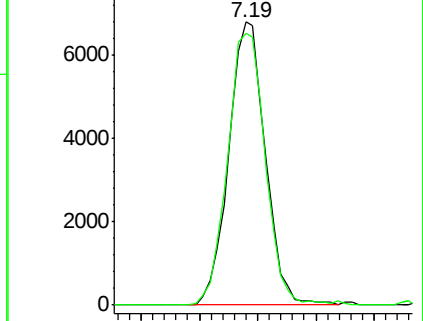
130 100

95 96.0 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.230 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016172.D

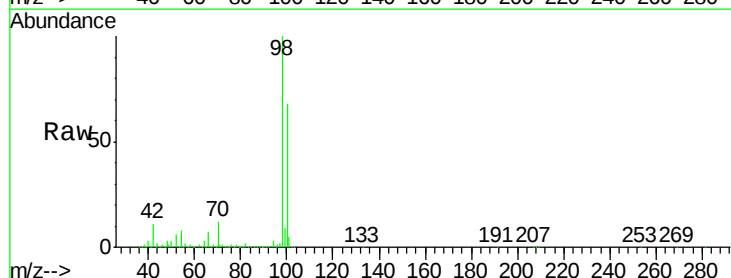
Acq: 13 May 2020 12:27

Tgt Ion: 98 Resp: 576075

Ion Ratio Lower Upper

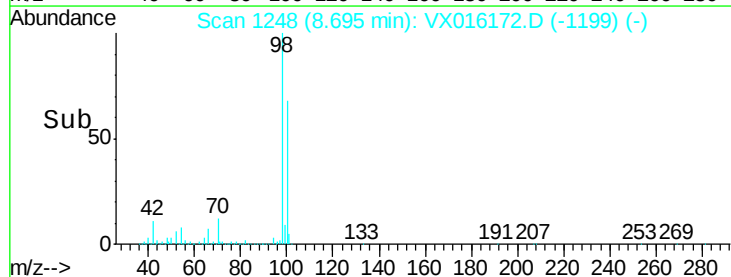
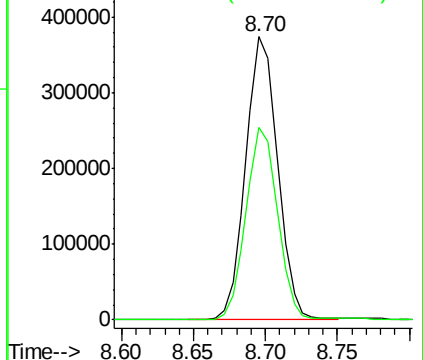
98 100

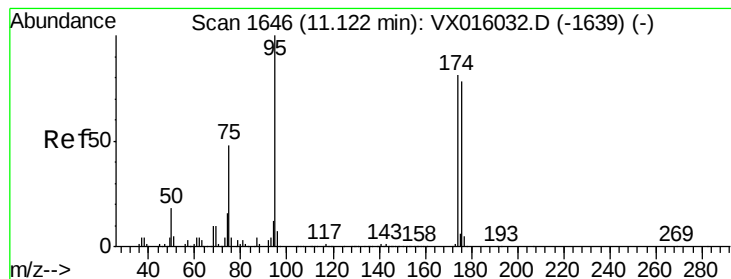
100 67.3 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.549 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016172.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511

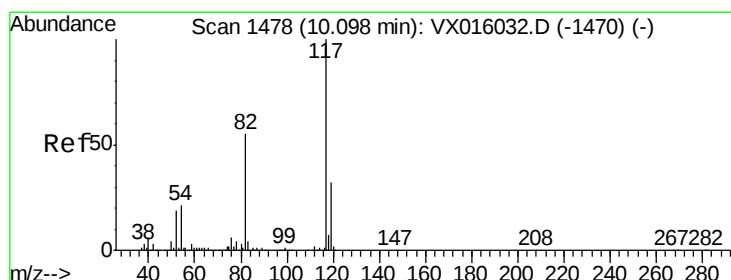
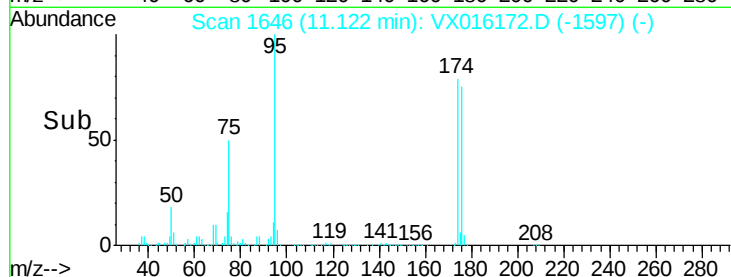
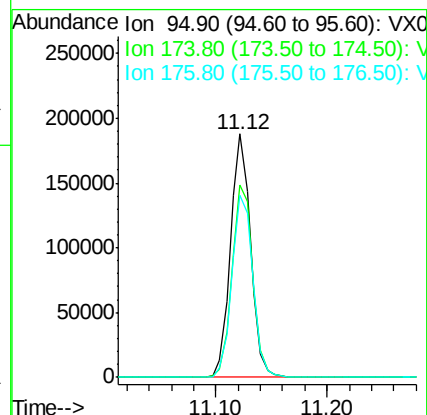
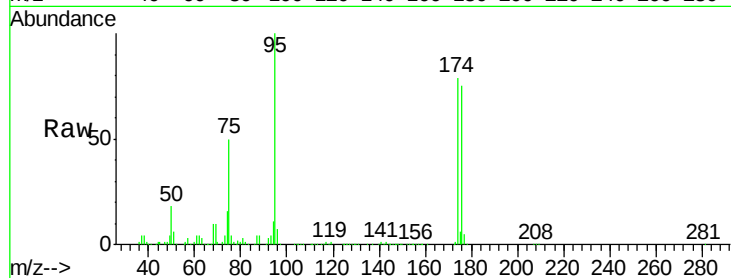
Tot Ion: 95 Resp: 233590

Ion Ratio Lower Upper

95 100

174 81.2 0.0 159.4

176 78.4 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: VX016172.D

Acq: 13 May 2020 12:27

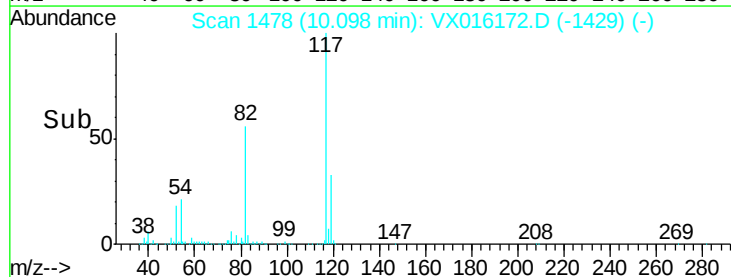
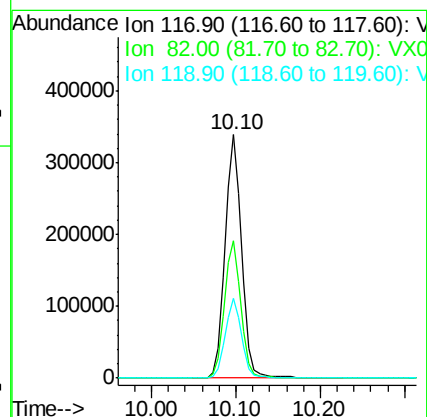
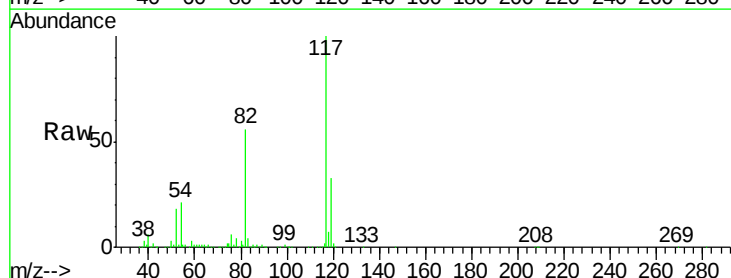
Tgt Ion: 117 Resp: 461987

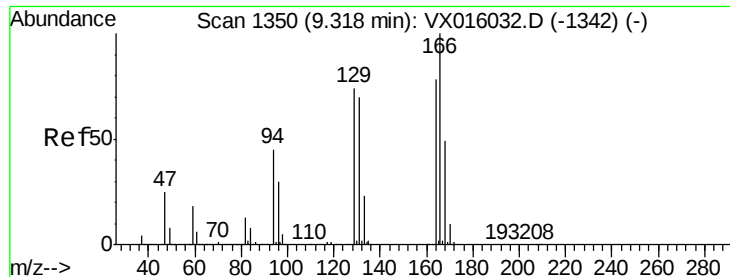
Ion Ratio Lower Upper

117 100

82 56.3 44.4 66.6

119 32.6 25.5 38.3





#64

Tetrachloroethene

Concen: 1.079 ug/l

RT: 9.32 min Scan# 1351

Delta R.T. 0.01 min

Lab File: VX016172.D

Acq: 13 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511

Tot Ion:164 Resp: 6121

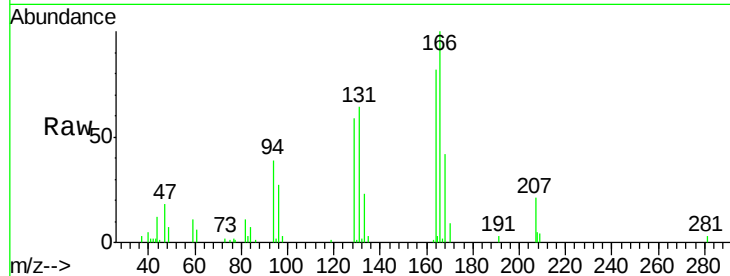
Ion Ratio Lower Upper

164 100

166 122.7 102.9 154.3

129 72.7 76.1 114.1#

131 78.1 71.9 107.9

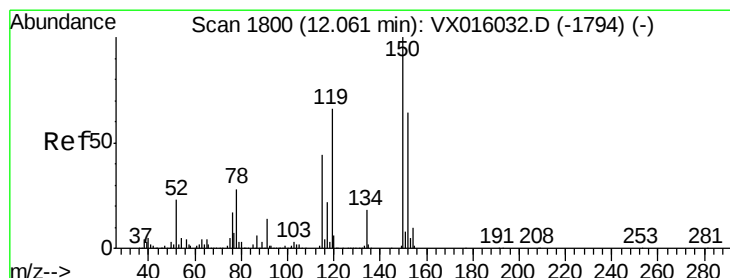
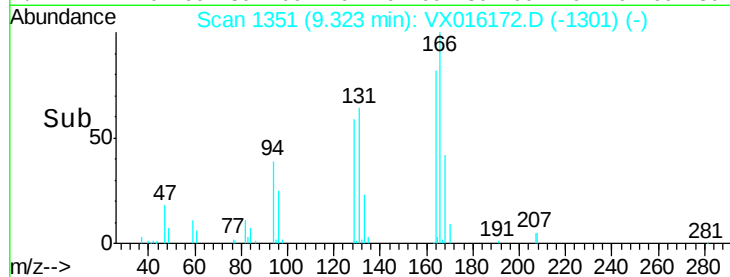
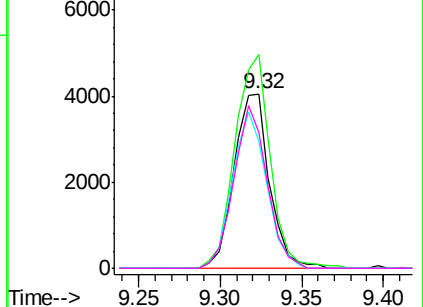


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX016172.D

Acq: 13 May 2020 12:27

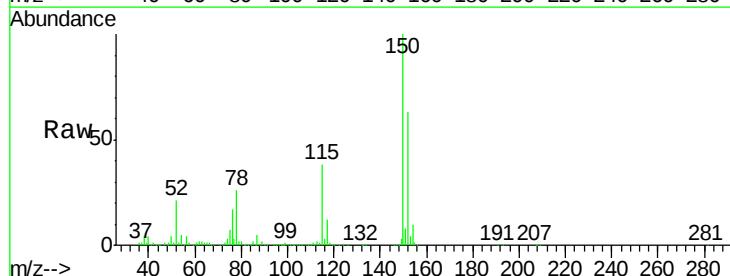
Tgt Ion:152 Resp: 237656

Ion Ratio Lower Upper

152 100

115 58.9 41.3 124.1

150 156.7 0.0 352.2



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

