

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
 Data File : VX016179.D
 Acq On : 13 May 2020 15:06
 Operator : JC/SP
 Sample : L2597-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW210-200511

Quant Time: May 14 06:58:38 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

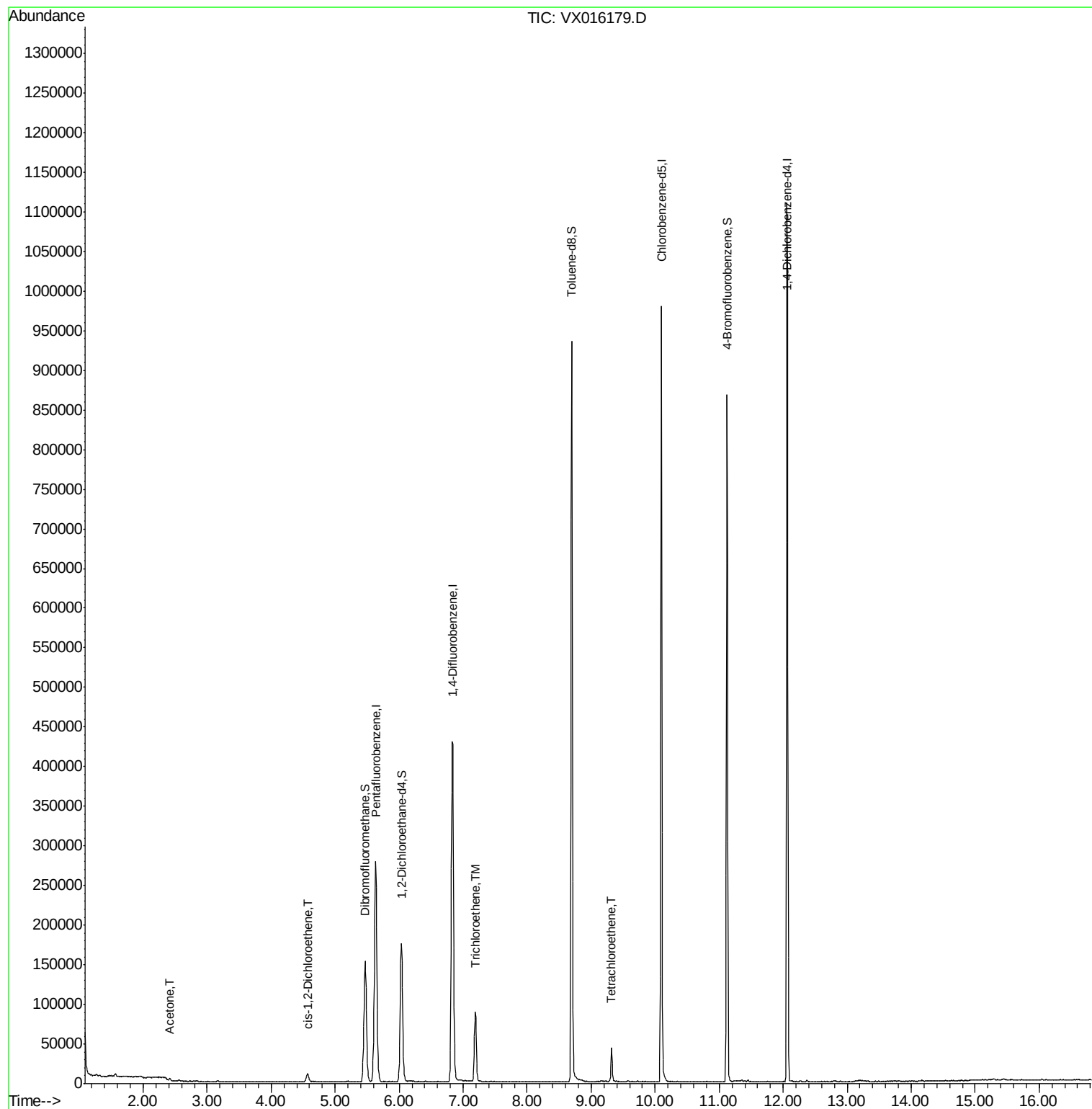
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	272204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	447086	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	447267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	234063	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	166193	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
35) Dibromofluoromethane	5.47	113	132952	46.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.88%	
50) Toluene-d8	8.70	98	559300	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	11.12	95	225311	54.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.56%	
Target Compounds						
16) Acetone	2.42	43	2575	1.611	ug/l #	88
27) cis-1,2-Dichloroethene	4.57	96	6652	1.930	ug/l	87
44) Trichloroethene	7.19	130	33669	7.360	ug/l	100
64) Tetrachloroethene	9.32	164	8181	1.490	ug/l	93

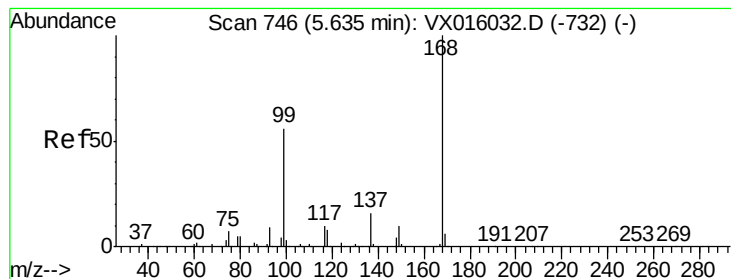
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX016179.D

Acq: 13 May 2020 15:06

Instrument :

MSVOA_X

ClientSampleId :

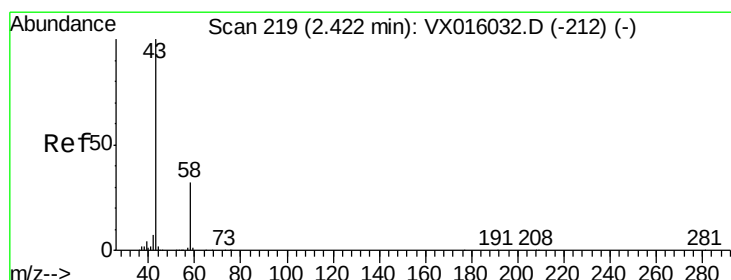
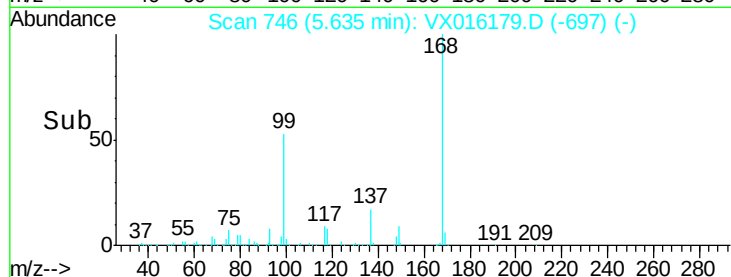
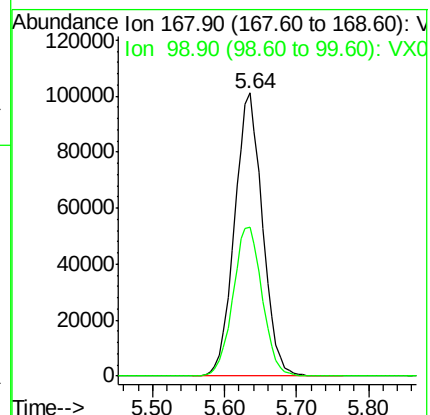
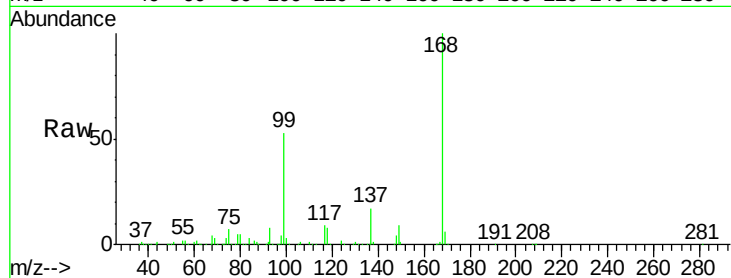
SS052MW210-200511

Tot Ion:168 Resp: 272204

Ion Ratio Lower Upper

168 100

99 52.7 45.0 67.4



#16

Acetone

Concen: 1.611 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016179.D

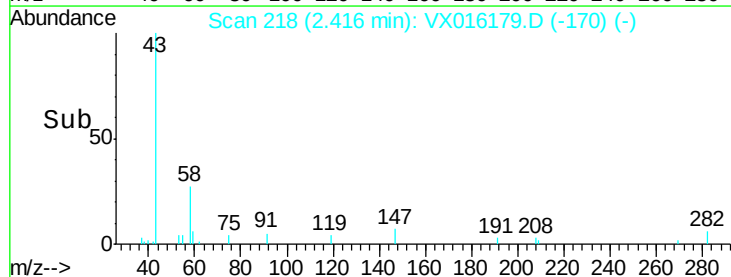
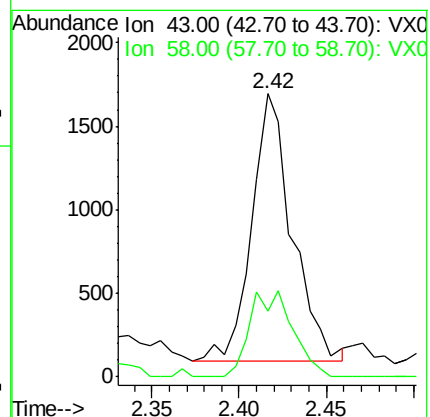
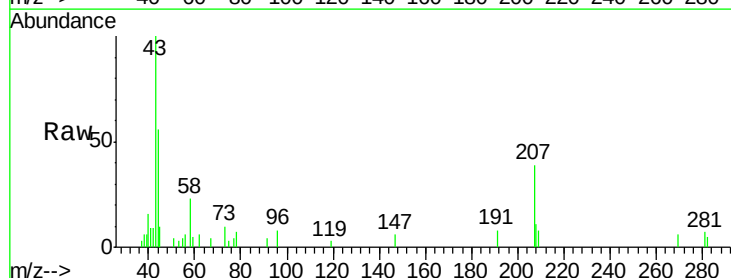
Acq: 13 May 2020 15:06

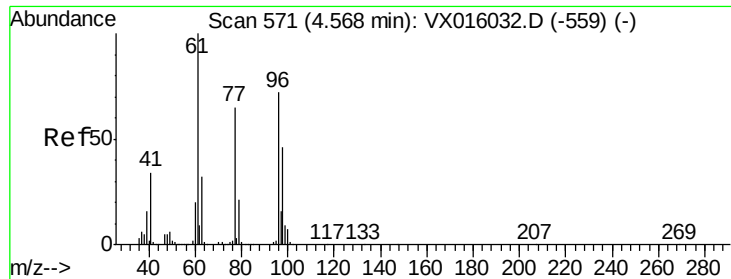
Tgt Ion: 43 Resp: 2575

Ion Ratio Lower Upper

43 100

58 24.8 25.4 38.0#



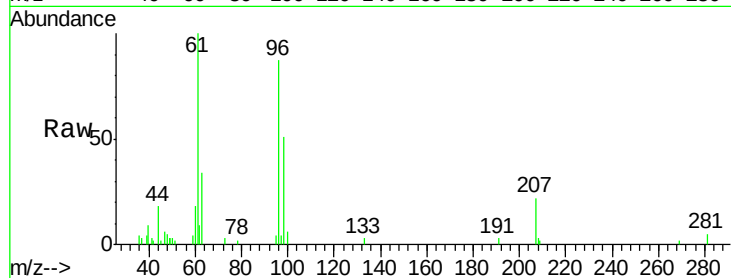


#27

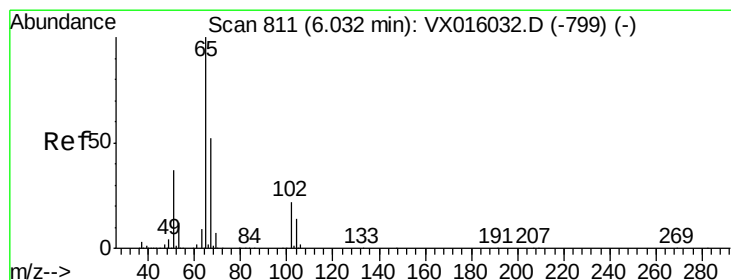
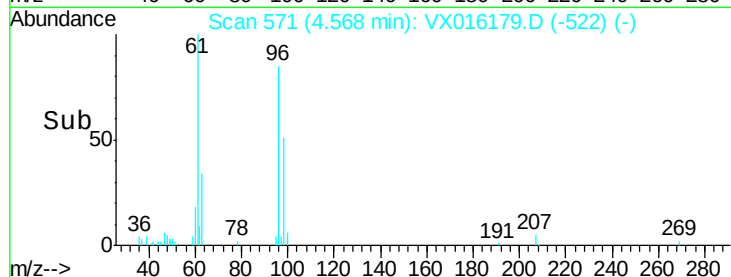
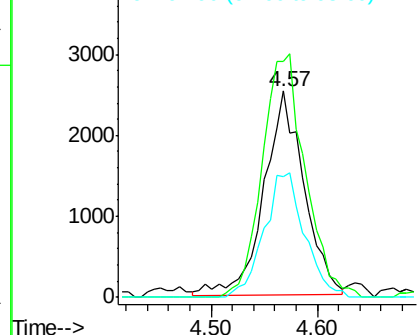
cis-1,2-Dichloroethene
Concen: 1.930 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016179.D
Acq: 13 May 2020 15:06

Instrument :
MSVOA_X
ClientSampleId :
SS052MW210-200511

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.7	0.0	296.2
98	61.5	0.0	129.4



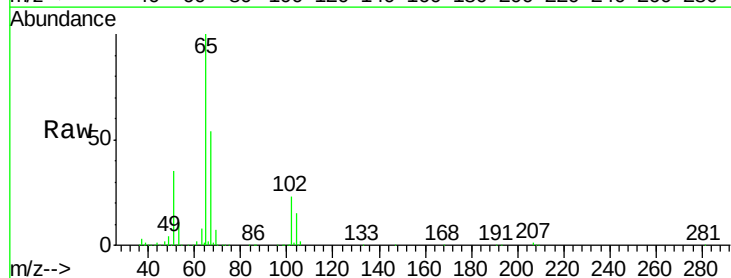
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



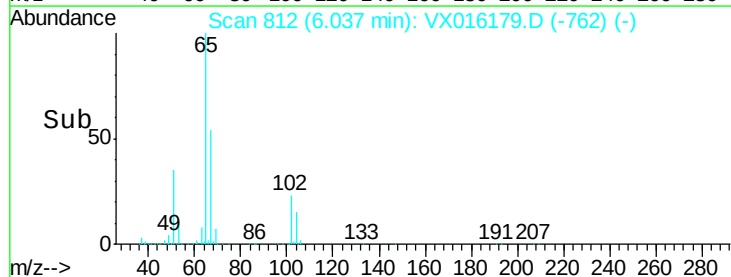
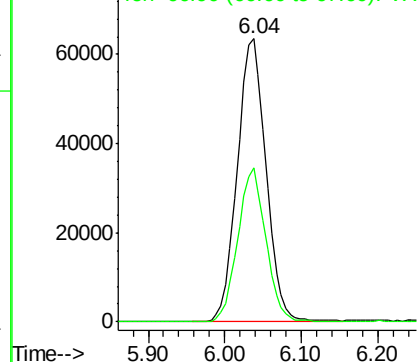
#33

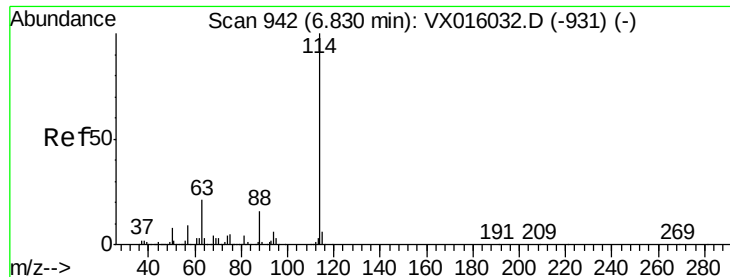
1,2-Dichloroethane-d4
Concen: 46.398 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016179.D
Acq: 13 May 2020 15:06

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.7	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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016179.D

Acq: 13 May 2020 15:06

Instrument :

MSVOA_X

ClientSampleId :

SS052MW210-200511

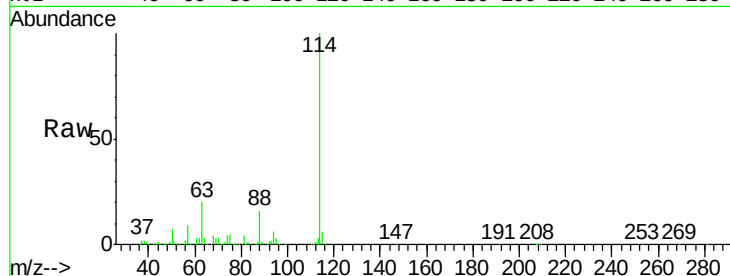
Tot Ion:114 Resp: 447086

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.8

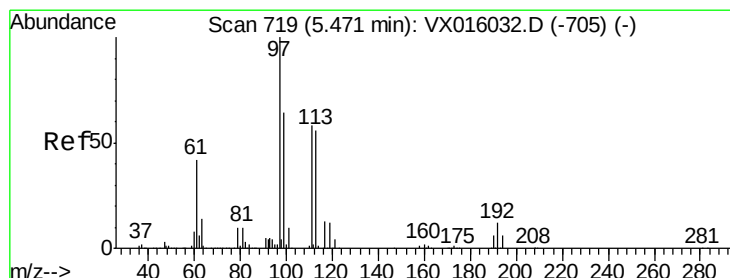
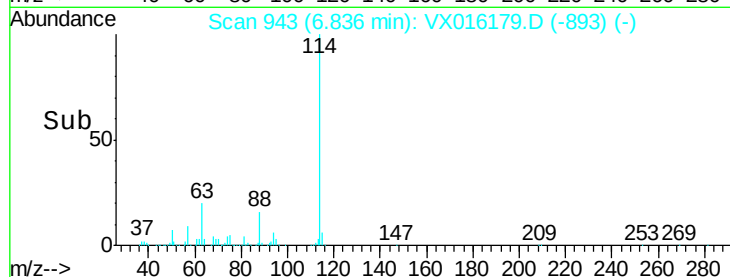
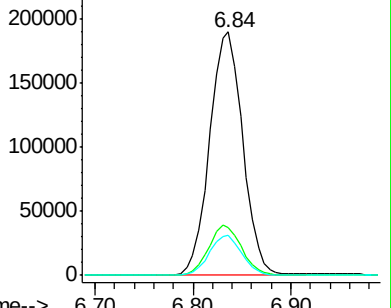
88 16.2 0.0 31.4



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: 46.938 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016179.D

Acq: 13 May 2020 15:06

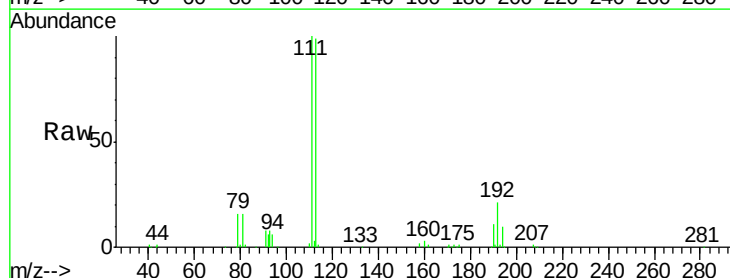
Tgt Ion:113 Resp: 132952

Ion Ratio Lower Upper

113 100

111 101.4 81.6 122.4

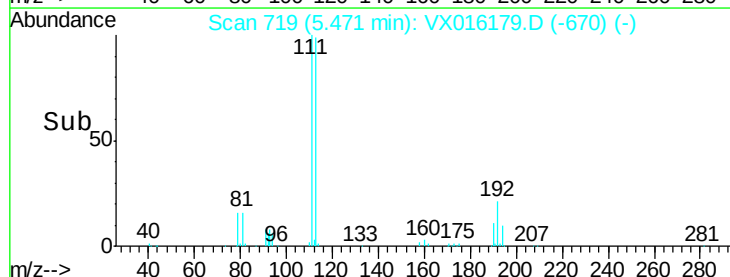
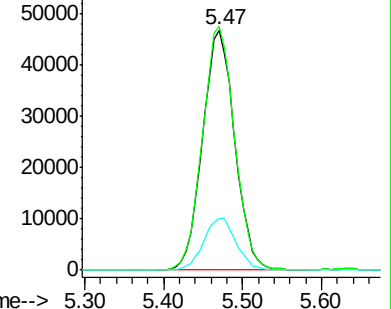
192 21.9 17.0 25.4

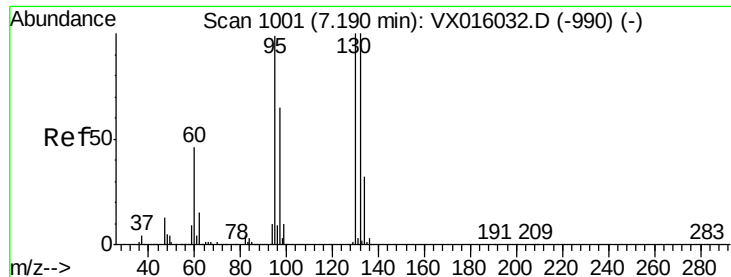


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 7.360 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016179.D

Acq: 13 May 2020 15:06

Instrument :

MSVOA_X

ClientSampleId :

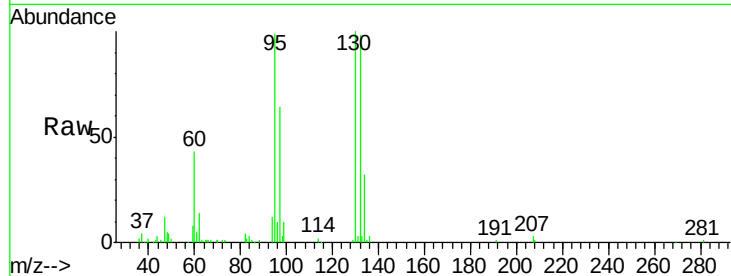
SS052MW210-200511

Tot Ion:130 Resp: 33669

Ion Ratio Lower Upper

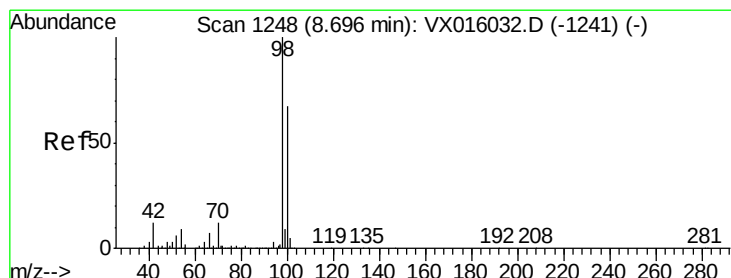
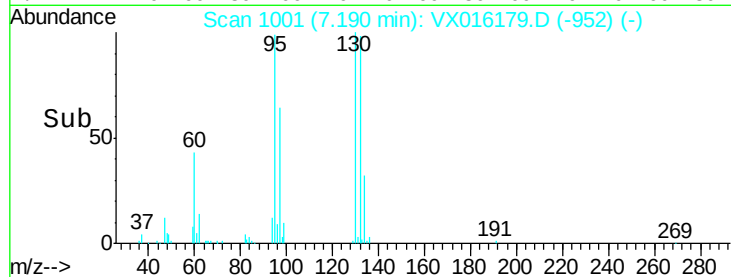
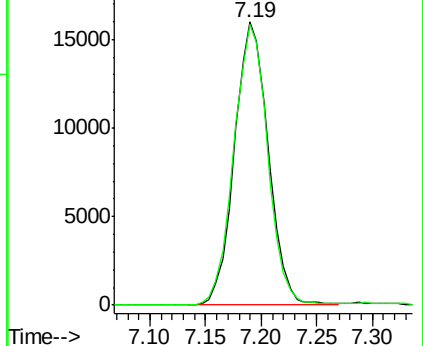
130 100

95 99.0 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: 51.247 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016179.D

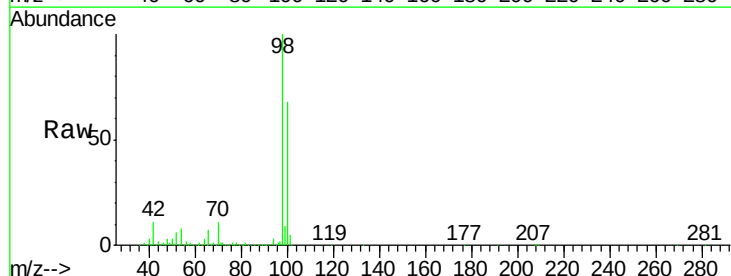
Acq: 13 May 2020 15:06

Tgt Ion: 98 Resp: 559300

Ion Ratio Lower Upper

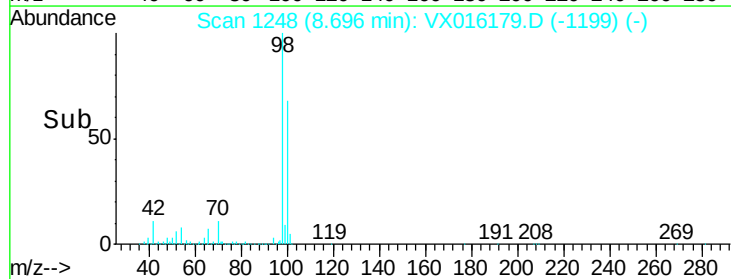
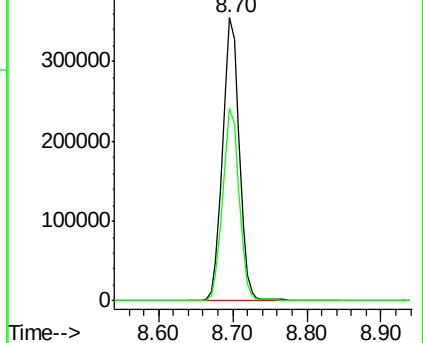
98 100

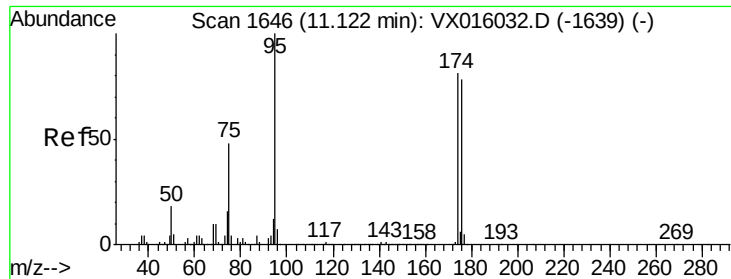
100 67.1 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 54.278 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016179.D

Acq: 13 May 2020 15:06

Instrument :

MSVOA_X

ClientSampleId :

SS052MW210-200511

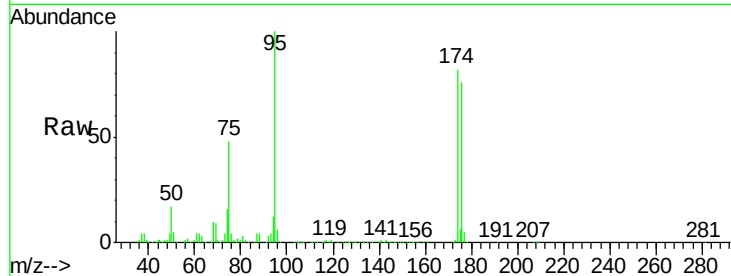
Tot Ion: 95 Resp: 225311

Ion Ratio Lower Upper

95 100

174 82.6 0.0 159.4

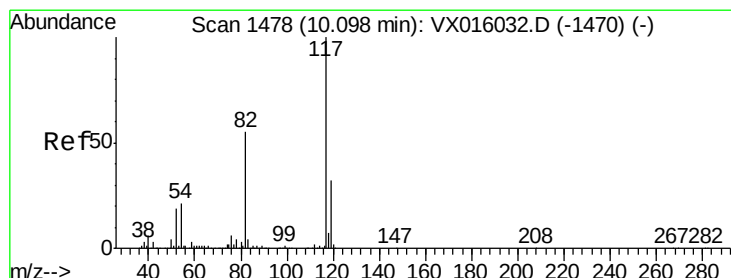
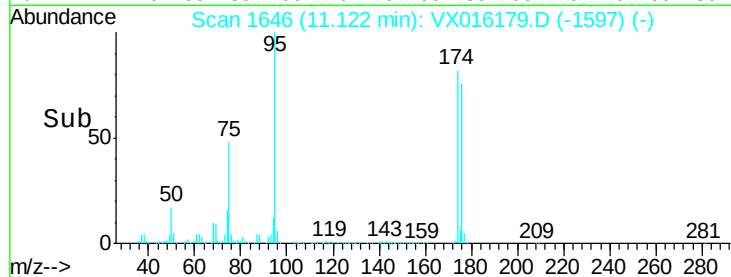
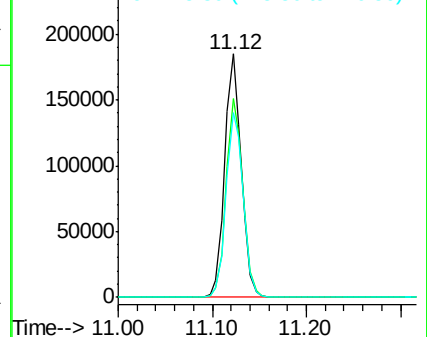
176 78.4 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016179.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016179.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016179.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016179.D

Acq: 13 May 2020 15:06

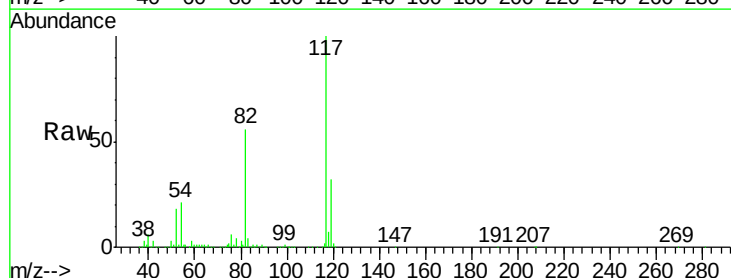
Tgt Ion: 117 Resp: 447267

Ion Ratio Lower Upper

117 100

82 56.0 44.4 66.6

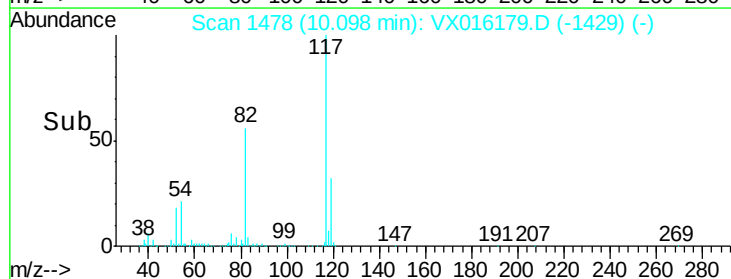
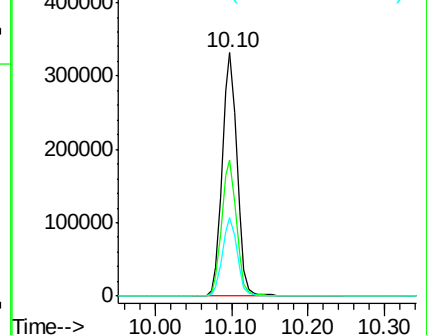
119 32.0 25.5 38.3

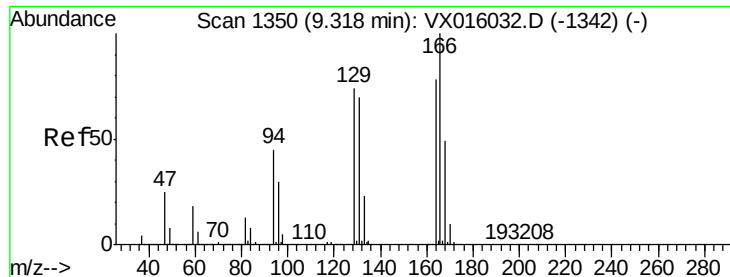


Abundance Ion 116.90 (116.60 to 117.60): VX016179.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016179.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016179.D (-1429) (-)





#64

Tetrachloroethene

Concen: 1.490 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016179.D

Acq: 13 May 2020 15:06

Instrument :

MSVOA_X

ClientSampleId :

SS052MW210-200511

Tot Ion:164 Resp: 8181

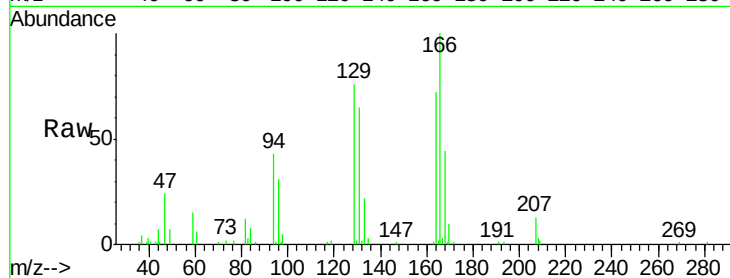
Ion Ratio Lower Upper

164 100

166 139.0 102.9 154.3

129 105.4 76.1 114.1

131 90.8 71.9 107.9

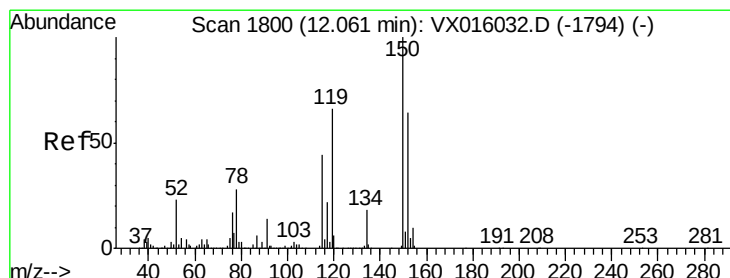
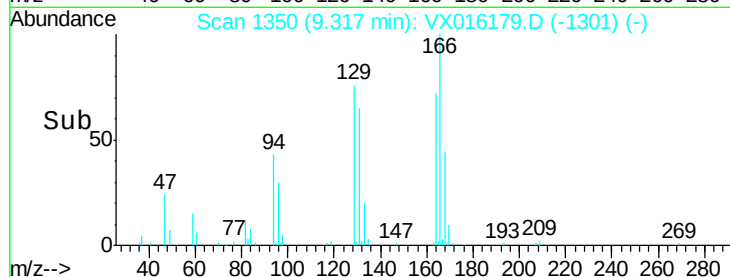
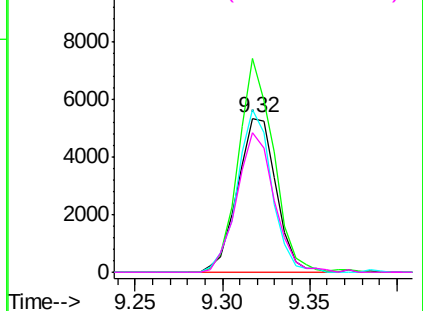


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX016179.D

Acq: 13 May 2020 15:06

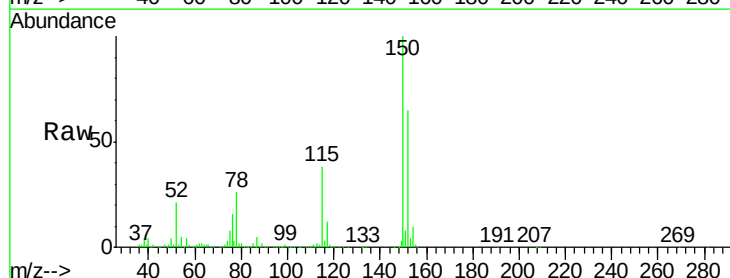
Tgt Ion:152 Resp: 234063

Ion Ratio Lower Upper

152 100

115 58.3 41.3 124.1

150 157.9 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

