

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021220\
 Data File : VX014921.D
 Acq On : 12 Feb 2020 13:31
 Operator : JC/SP
 Sample : L1495-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW105-200211

Quant Time: Feb 13 11:26:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

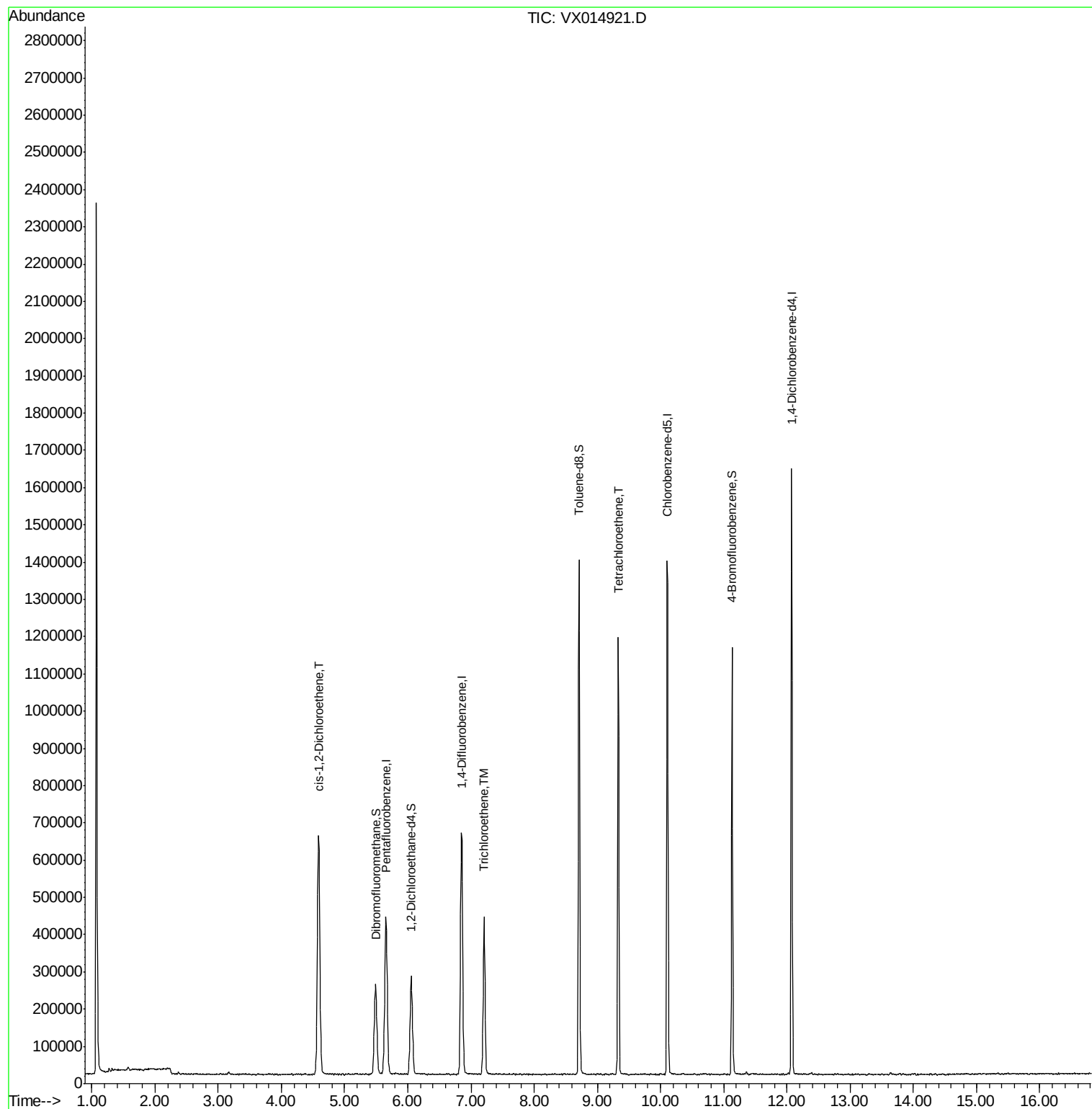
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	437475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	678282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	652516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	338667	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	249226	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
35) Dibromofluoromethane	5.49	113	207034	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
50) Toluene-d8	8.71	98	812387	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
62) 4-Bromofluorobenzene	11.13	95	301130	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	408701	82.633	ug/l	89
44) Trichloroethene	7.21	130	169598	32.227	ug/l	95
64) Tetrachloroethene	9.33	164	231800	37.995	ug/l	99

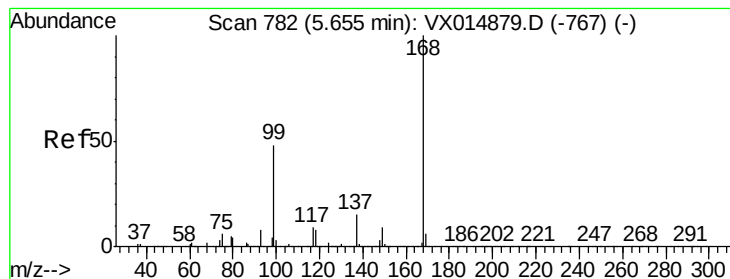
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014921.D

Acq: 12 Feb 2020 13:31

Instrument :

MSVOA_X

ClientSampleId :

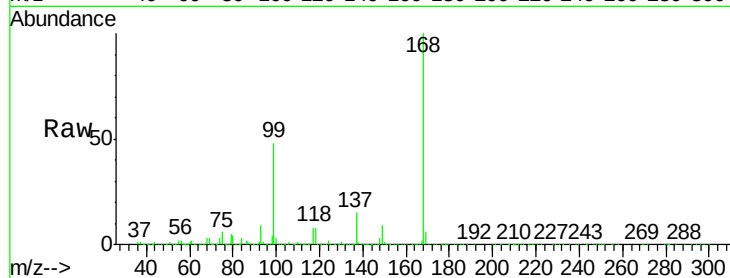
SS037MW105-200211

Tot Ion:168 Resp: 437475

Ion Ratio Lower Upper

168 100

99 47.7 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

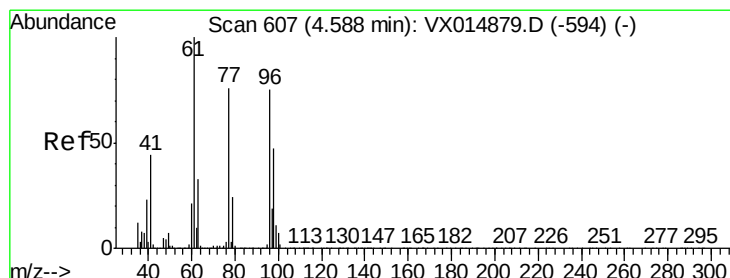
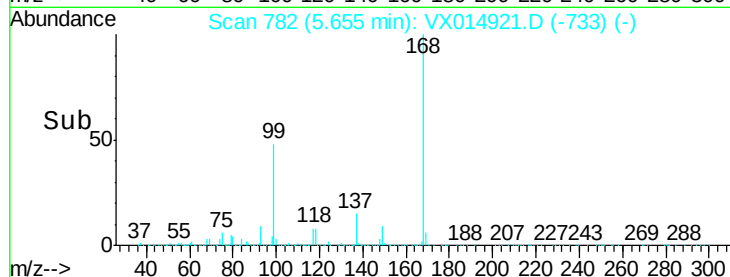
150000

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 82.633 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX014921.D

Acq: 12 Feb 2020 13:31

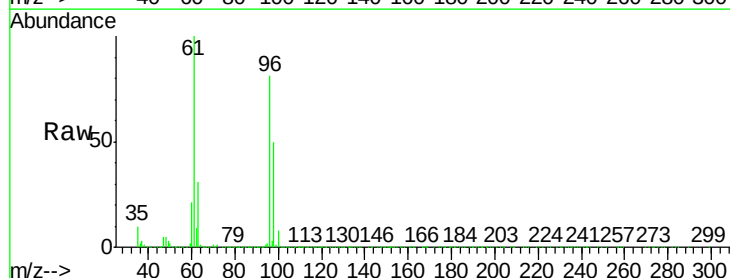
Tgt Ion: 96 Resp: 408701

Ion Ratio Lower Upper

96 100

61 124.5 0.0 286.2

98 64.2 0.0 131.0



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

250000

200000

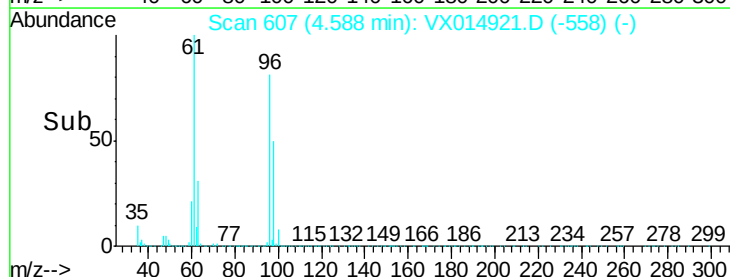
150000

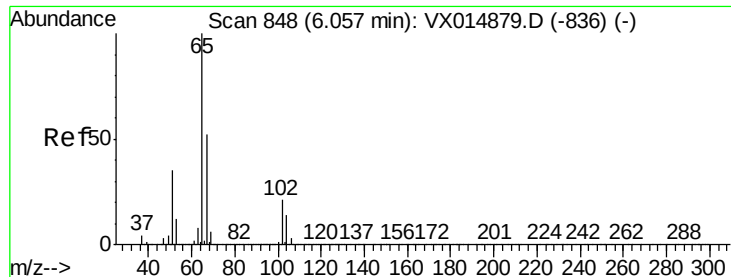
100000

50000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.479 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.00 min

Lab File: VX014921.D

Acq: 12 Feb 2020 13:31

Instrument :

MSVOA_X

ClientSampleId :

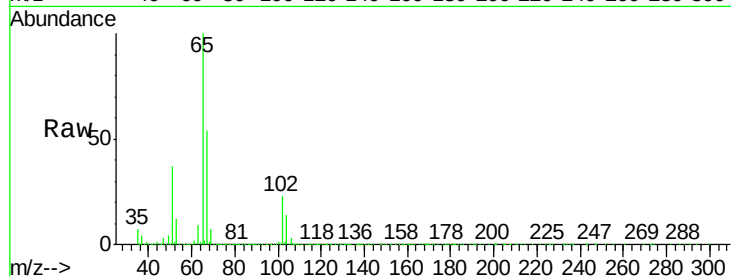
SS037MW105-200211

Tot Ion: 65 Resp: 249226

Ion Ratio Lower Upper

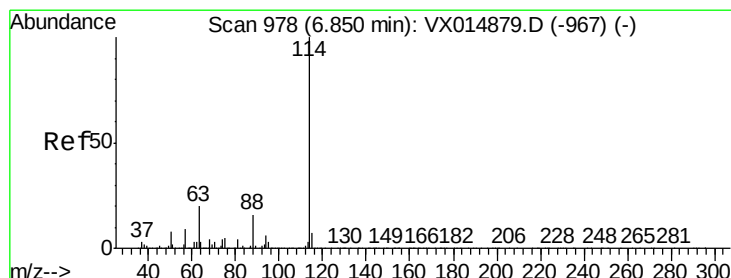
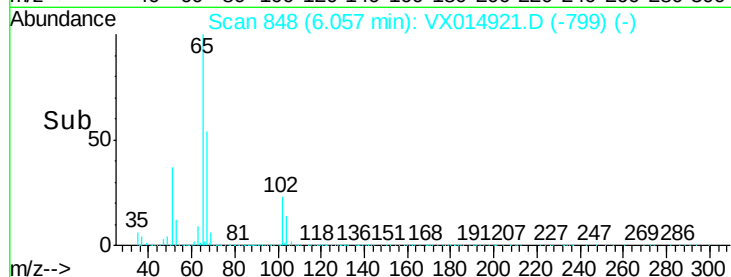
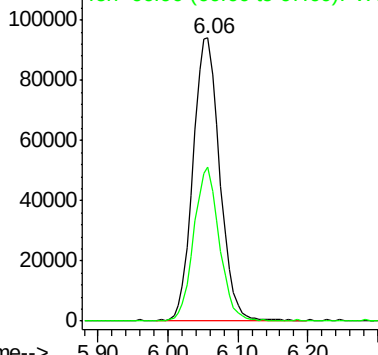
65 100

67 52.2 0.0 103.0



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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014921.D

Acq: 12 Feb 2020 13:31

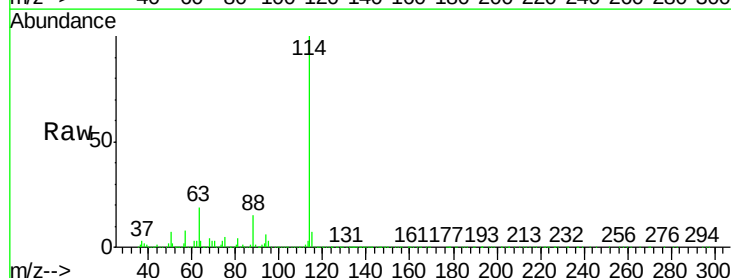
Tgt Ion: 114 Resp: 678282

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.2

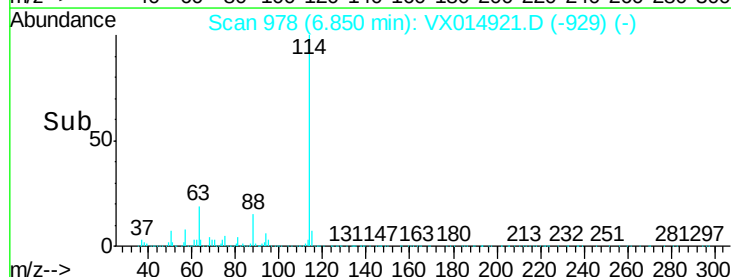
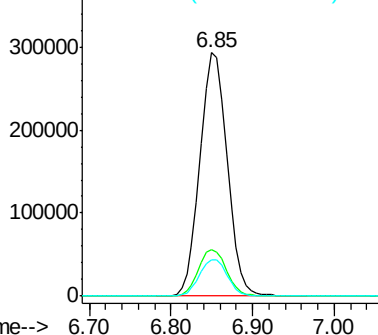
88 14.6 0.0 32.0

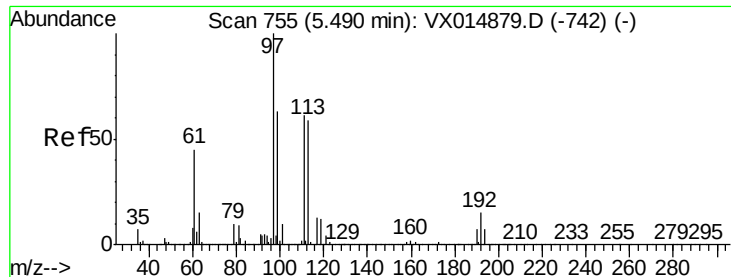


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.649 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014921.D

Acq: 12 Feb 2020 13:31

Instrument :

MSVOA_X

ClientSampleId :

SS037MW105-200211

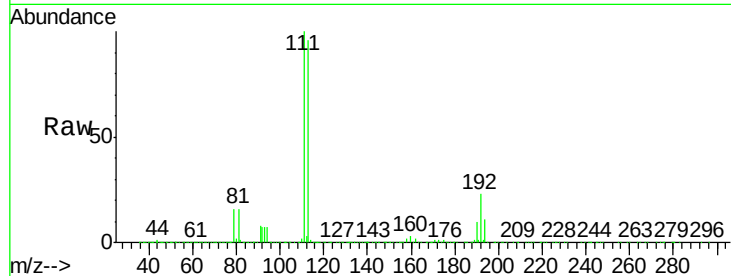
Tot Ion:113 Resp: 207034

Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

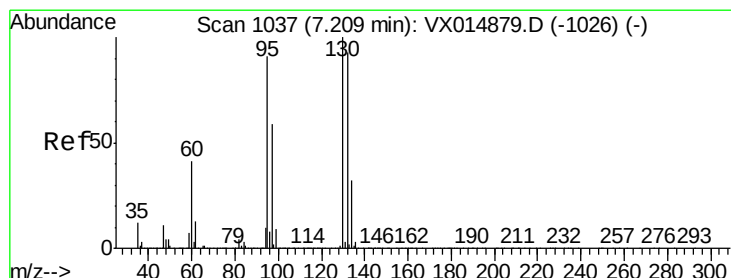
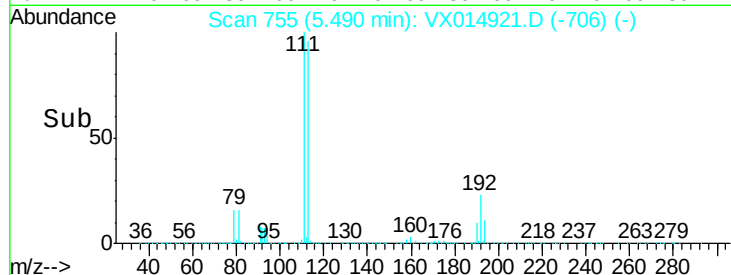
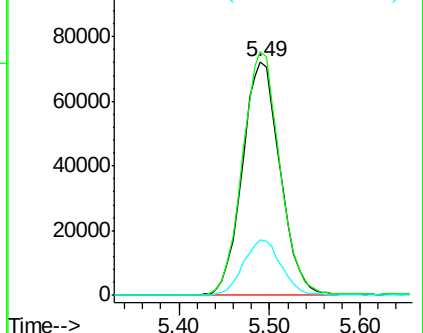
192 23.8 19.1 28.7



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: 32.227 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014921.D

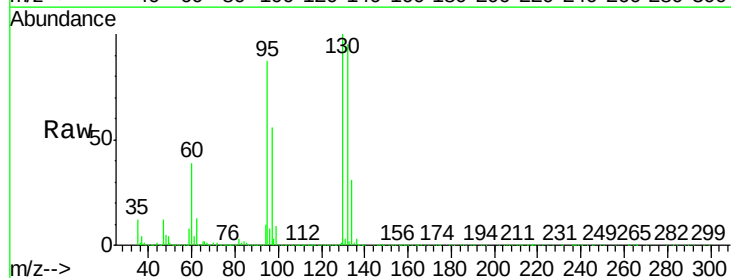
Acq: 12 Feb 2020 13:31

Tgt Ion:130 Resp: 169598

Ion Ratio Lower Upper

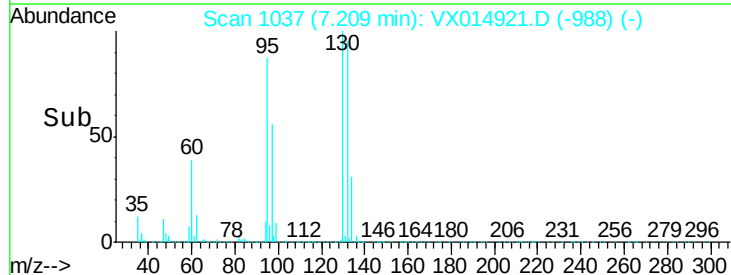
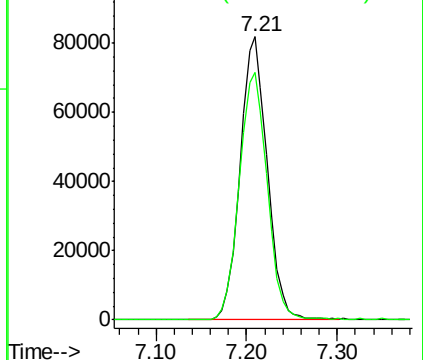
130 100

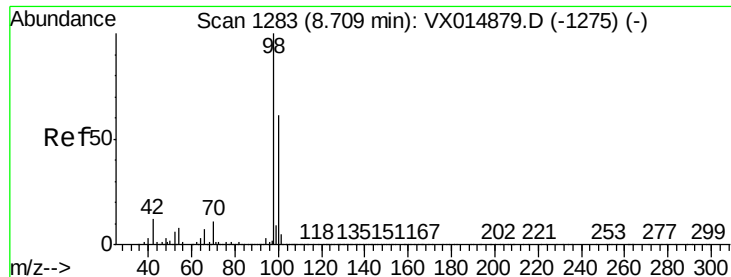
95 86.9 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.039 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014921.D

Acq: 12 Feb 2020 13:31

Instrument :

MSVOA_X

ClientSampleId :

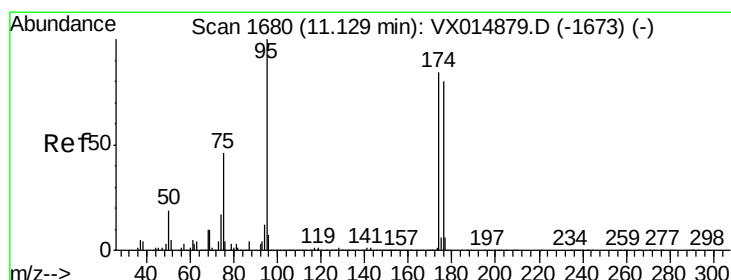
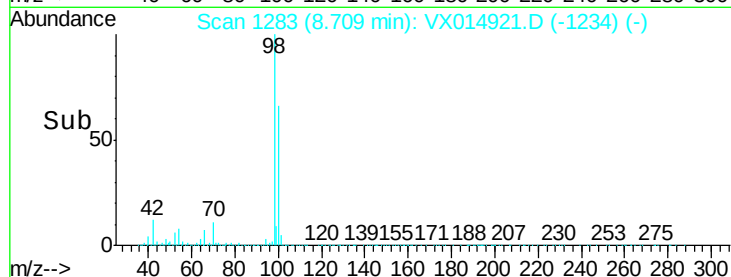
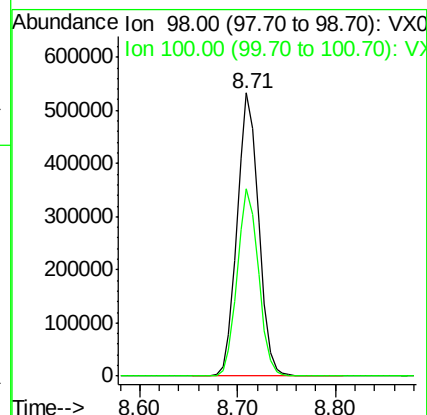
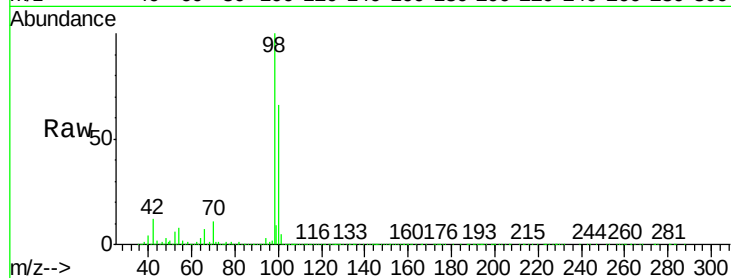
SS037MW105-200211

Tot Ion: 98 Resp: 812387

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 52.519 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014921.D

Acq: 12 Feb 2020 13:31

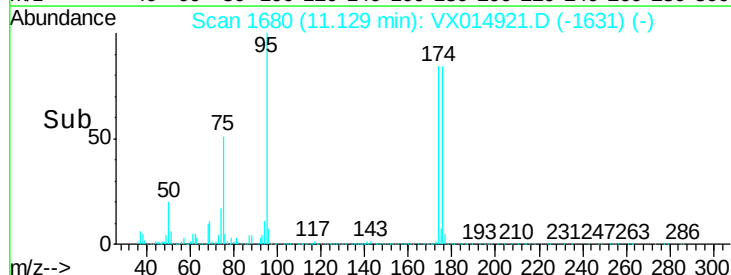
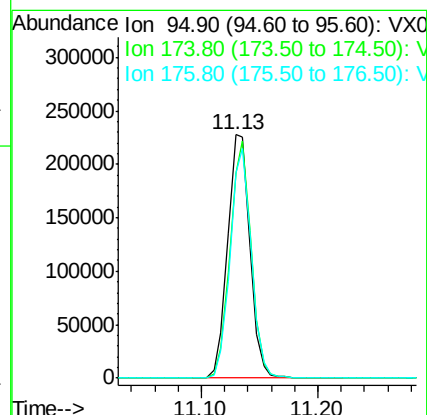
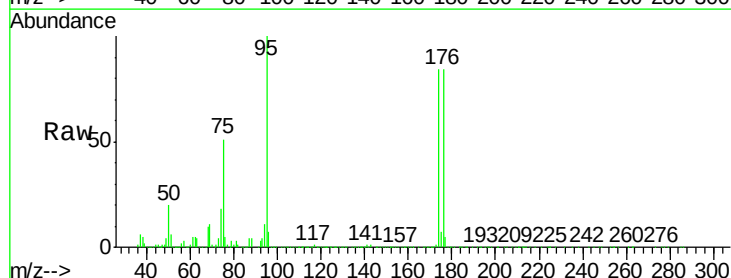
Tgt Ion: 95 Resp: 301130

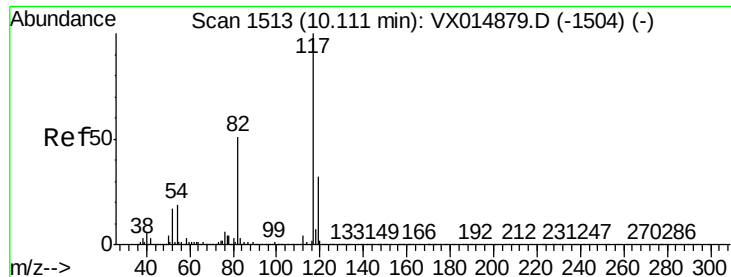
Ion Ratio Lower Upper

95 100

174 92.5 0.0 183.0

176 89.9 0.0 178.0

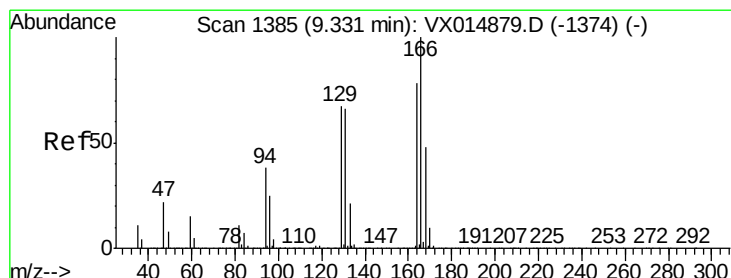
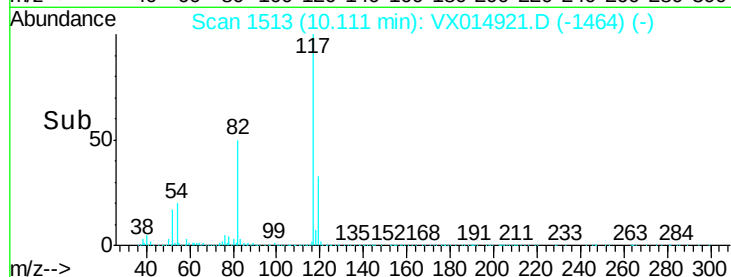
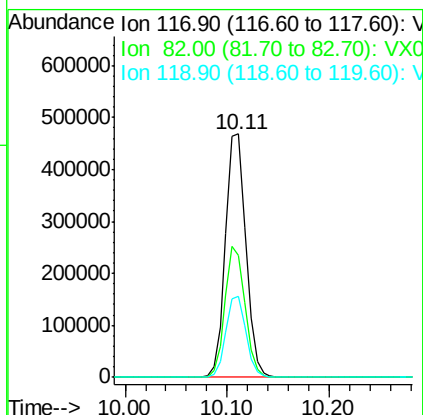
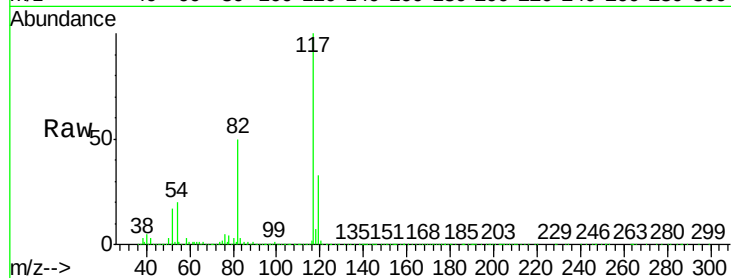




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014921.D
Acq: 12 Feb 2020 13:31

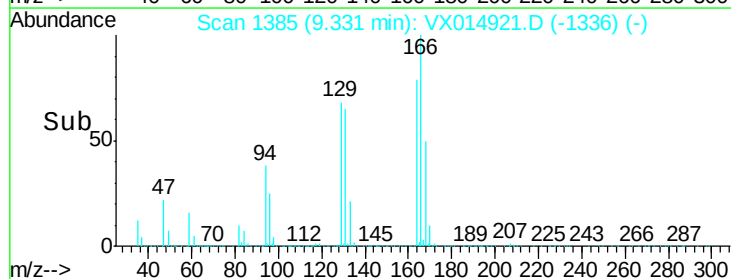
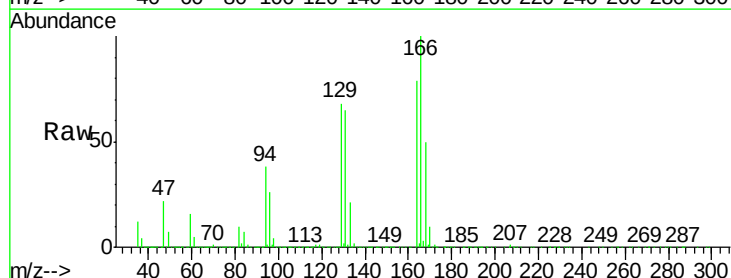
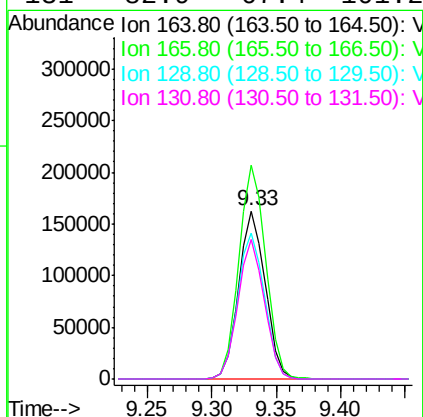
Instrument :
MSVOA_X
ClientSampleId :
SS037MW105-200211

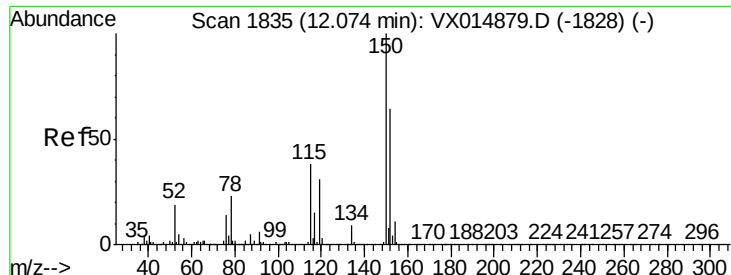
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.0	40.5	60.7
119	33.3	25.8	38.6



#64
Tetrachloroethene
Concen: 37.995 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014921.D
Acq: 12 Feb 2020 13:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	102.6	153.8
129	86.6	68.3	102.5
131	82.9	67.4	101.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014921.D

Acq: 12 Feb 2020 13:31

Instrument :

MSVOA_X

ClientSampleId :

SS037MW105-200211

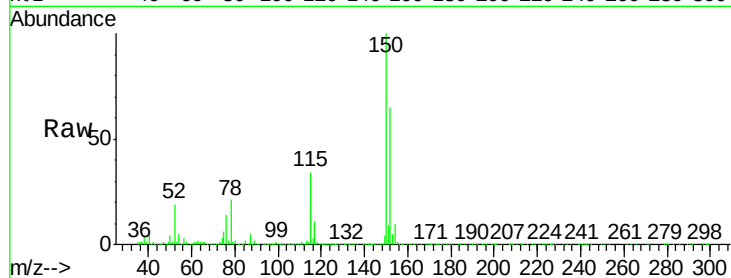
Tot Ion:152 Resp: 338667

Ion Ratio Lower Upper

152 100

115 54.9 38.6 116.0

150 156.4 0.0 349.0



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

