

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041620\
 Data File : VX015708.D
 Acq On : 16 Apr 2020 13:44
 Operator : JC/SP
 Sample : L2233-17DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW302-200408DL

Quant Time: Apr 17 07:42:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

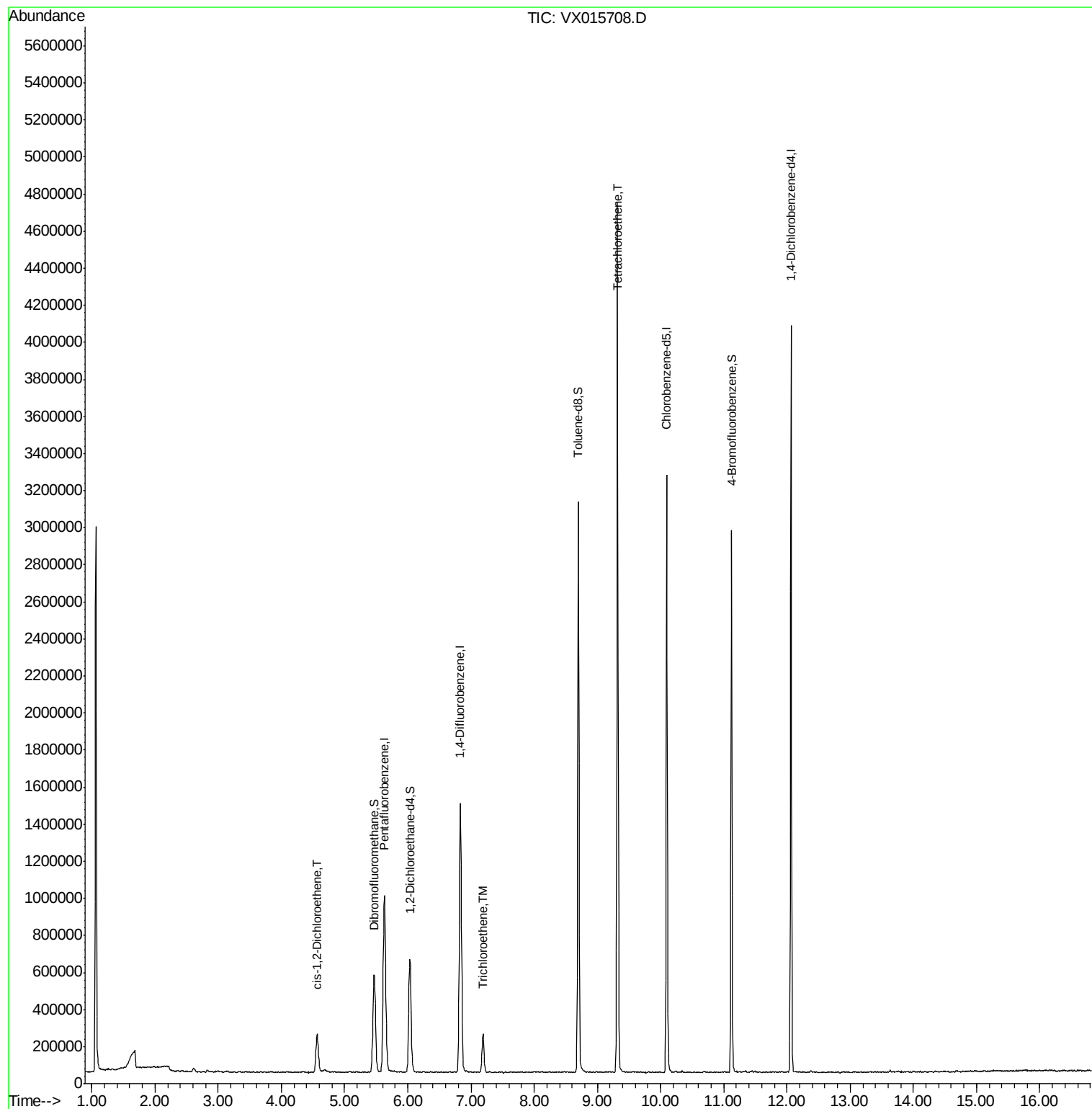
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	962946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1492689	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1442972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	805936	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	593174	43.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.36%	
35) Dibromofluoromethane	5.47	113	449934	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
50) Toluene-d8	8.70	98	1797161	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	11.12	95	769164	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.74%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.56	96	136227	11.670	ug/l	88
44) Trichloroethene	7.19	130	83893	7.635	ug/l	93
64) Tetrachloroethene	9.32	164	947901	87.045	ug/l	96

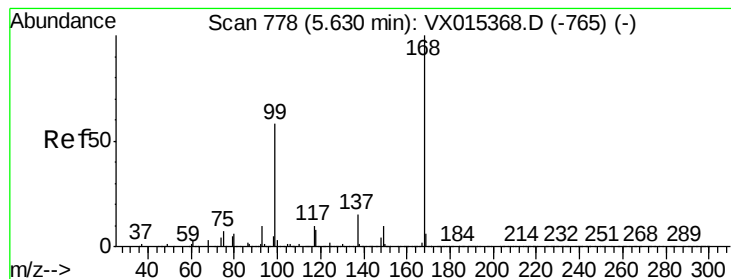
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015708.D

Acq: 16 Apr 2020 13:44

Instrument :

MSVOA_X

ClientSampleId :

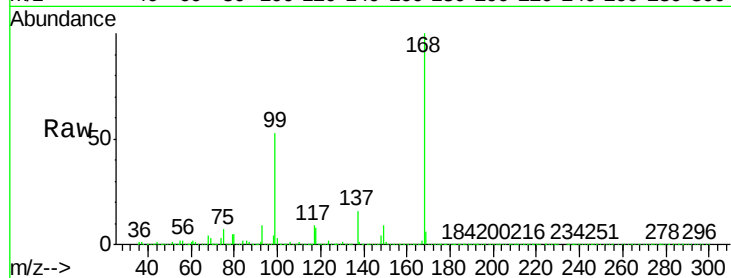
SS037MW302-200408DL

Tot Ion:168 Resp: 962946

Ion Ratio Lower Upper

168 100

99 52.6 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

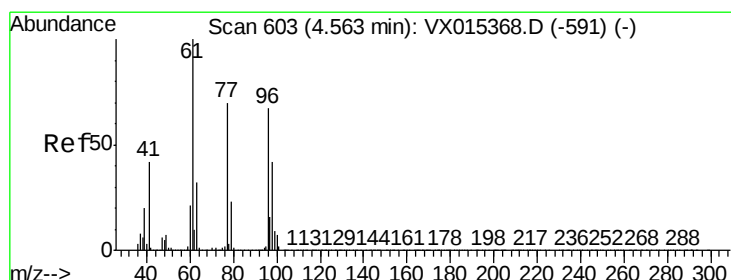
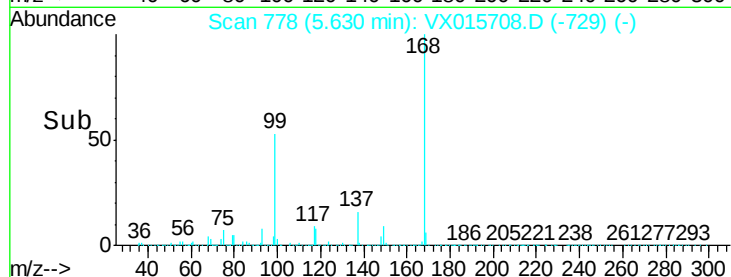
300000

200000

100000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 11.670 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX015708.D

Acq: 16 Apr 2020 13:44

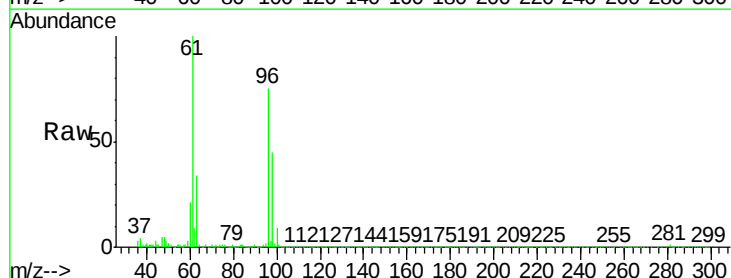
Tgt Ion: 96 Resp: 136227

Ion Ratio Lower Upper

96 100

61 133.4 0.0 308.4

98 63.8 0.0 129.2



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

80000

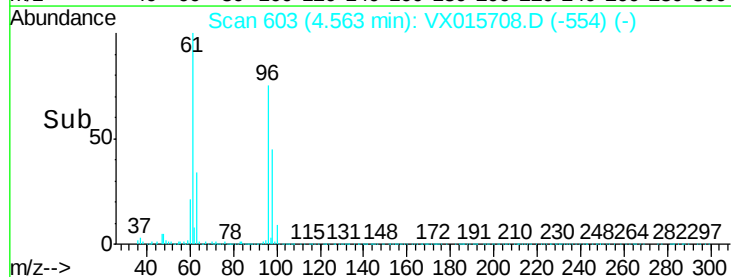
60000

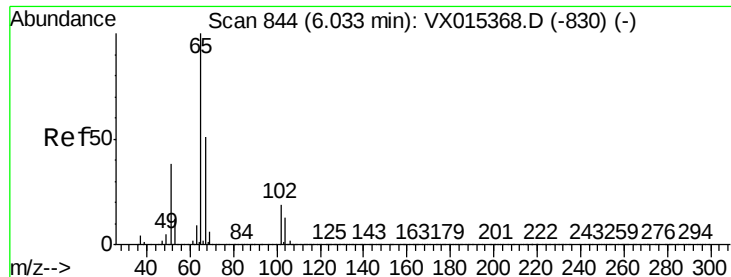
40000

20000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 43.676 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015708.D

Acq: 16 Apr 2020 13:44

Instrument :

MSVOA_X

ClientSampleId :

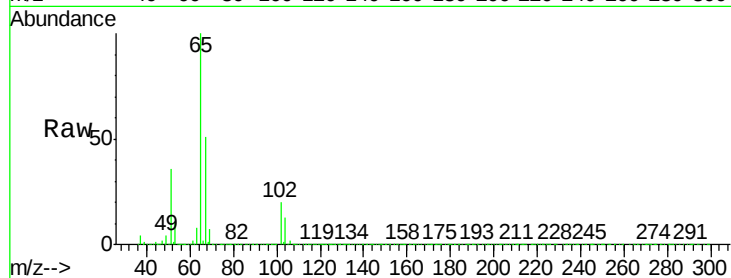
SS037MW302-200408DL

Tot Ion: 65 Resp: 593174

Ion Ratio Lower Upper

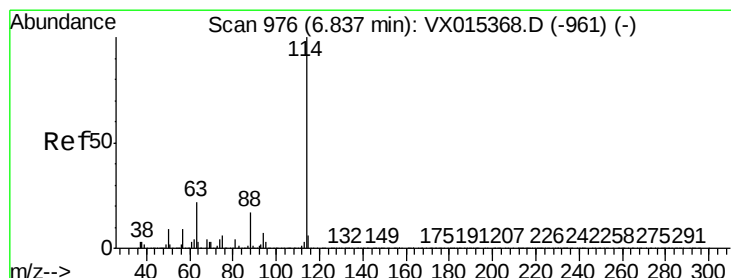
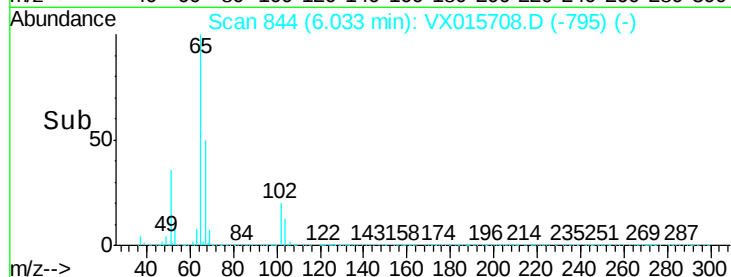
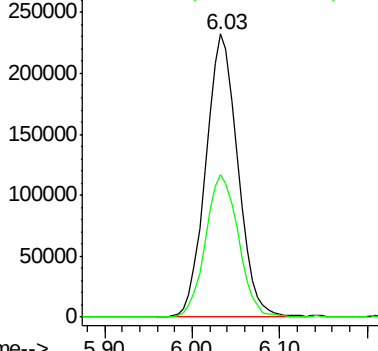
65 100

67 52.0 0.0 102.6



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# 975

Delta R.T. -0.01 min

Lab File: VX015708.D

Acq: 16 Apr 2020 13:44

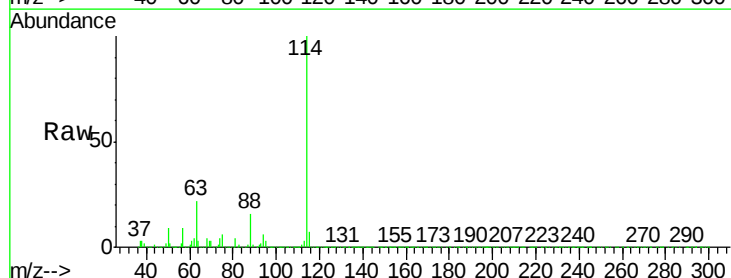
Tgt Ion: 114 Resp: 1492689

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.2

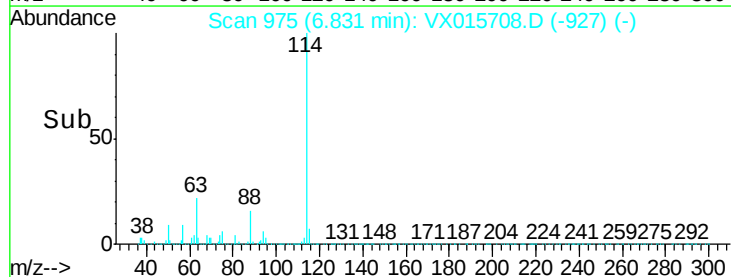
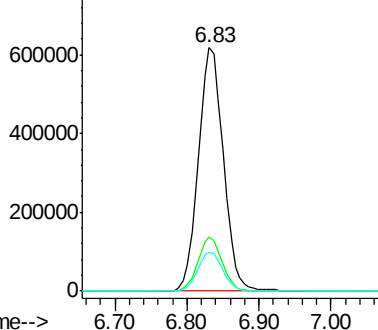
88 15.7 0.0 33.8

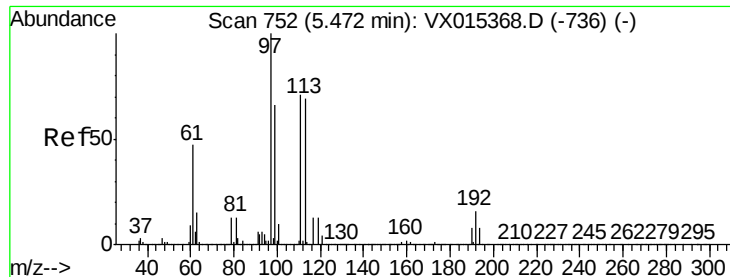


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

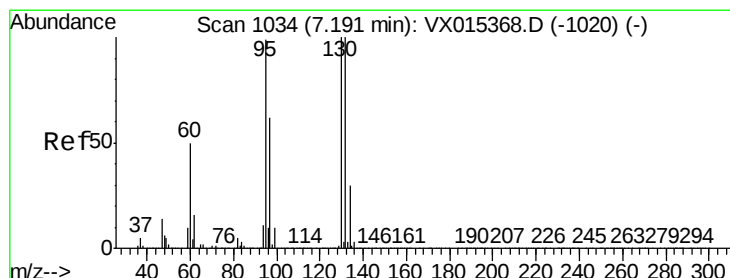
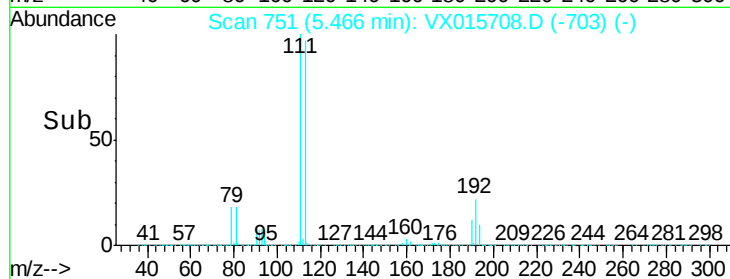
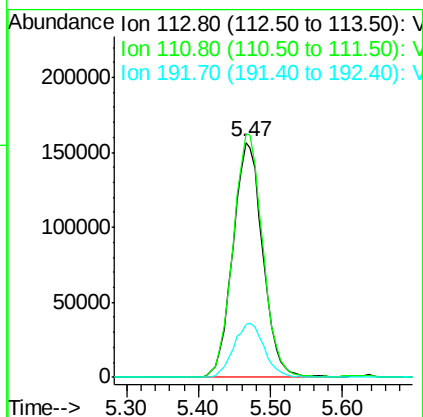
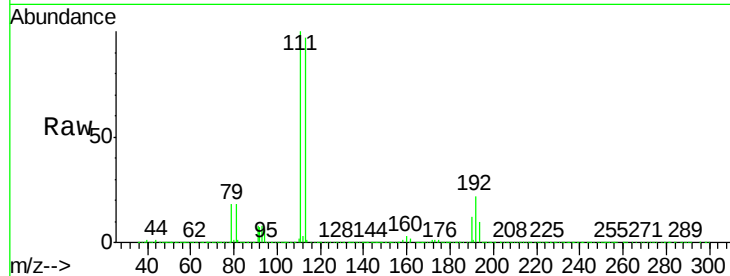




#35
Dibromofluoromethane
Concen: 47.155 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015708.D
Acq: 16 Apr 2020 13:44

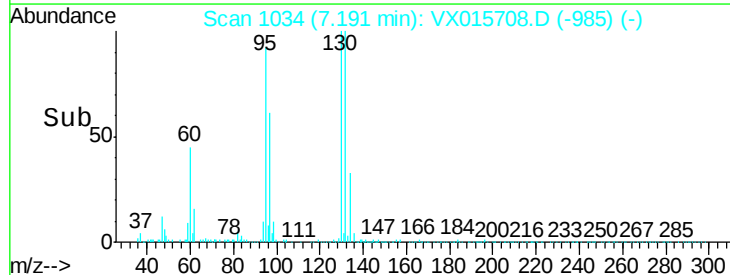
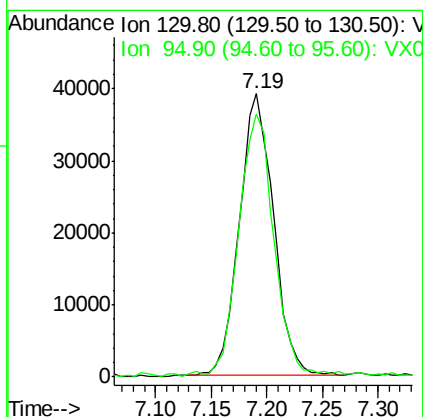
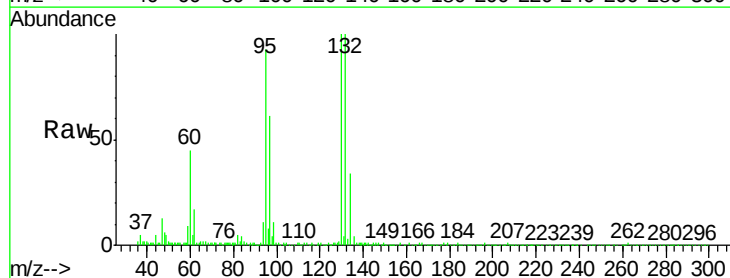
Instrument :
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SS037MW302-200408DL

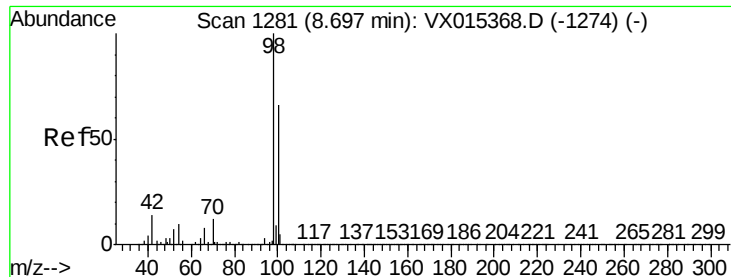
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.5	122.3
192	23.6	17.8	26.6



#44
Trichloroethene
Concen: 7.635 ug/l
RT: 7.19 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX015708.D
Acq: 16 Apr 2020 13:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	199.0





#50

Toluene-d8

Concen: 51.158 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015708.D

Acq: 16 Apr 2020 13:44

Instrument :

MSVOA_X

ClientSampleId :

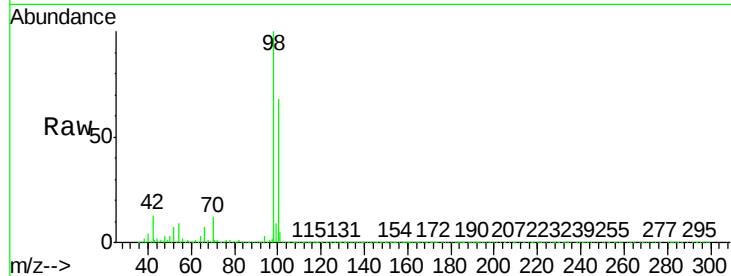
SS037MW302-200408DL

Tot Ion: 98 Resp: 1797161

Ion Ratio Lower Upper

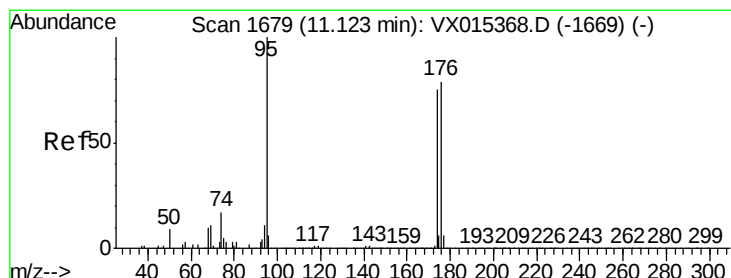
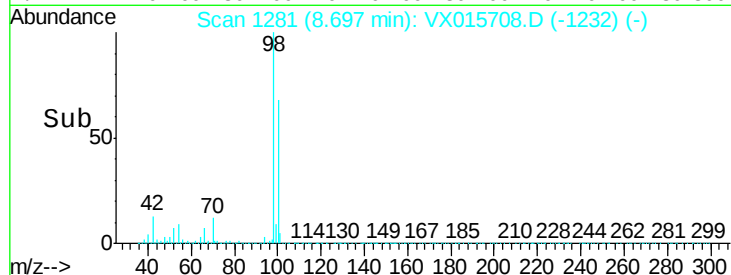
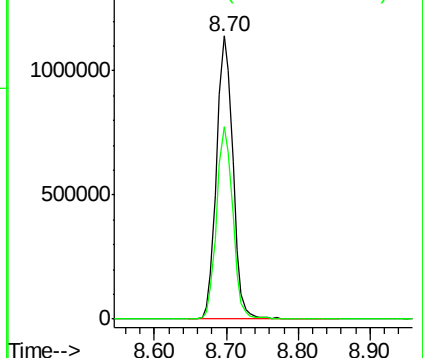
98 100

100 67.4 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 53.875 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015708.D

Acq: 16 Apr 2020 13:44

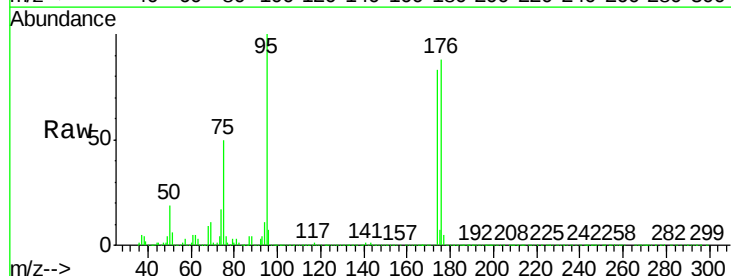
Tgt Ion: 95 Resp: 769164

Ion Ratio Lower Upper

95 100

174 82.3 0.0 158.6

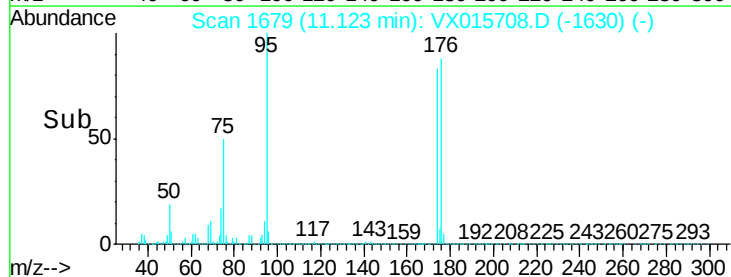
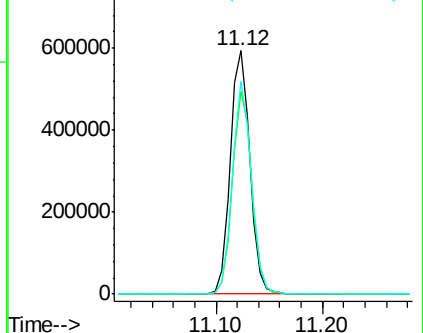
176 84.7 0.0 159.0

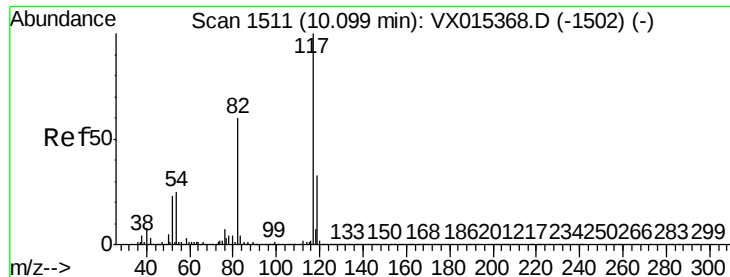


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

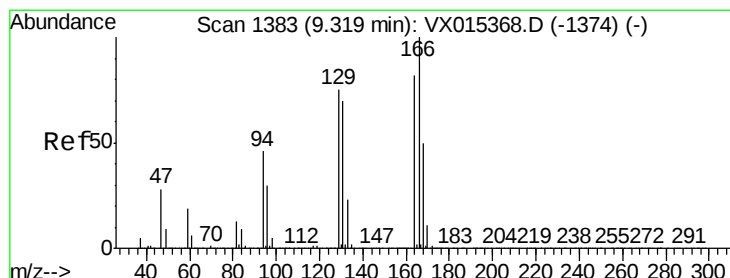
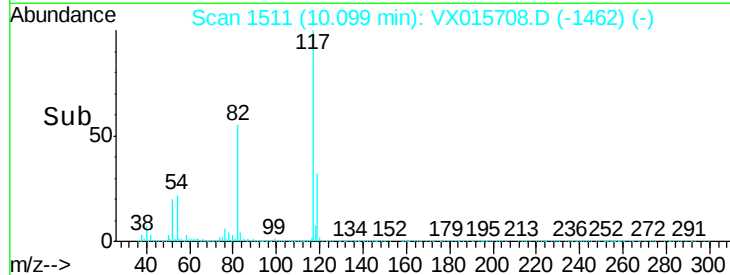
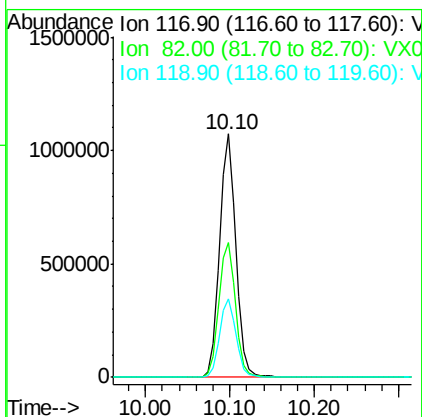
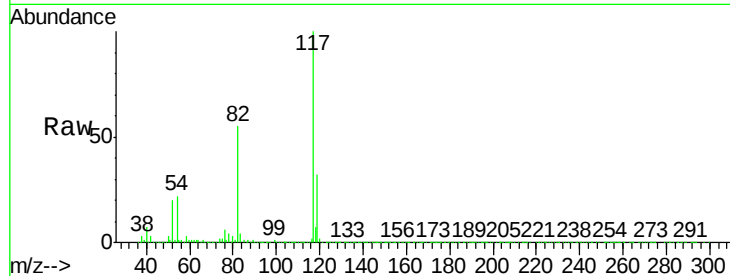




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015708.D
Acq: 16 Apr 2020 13:44

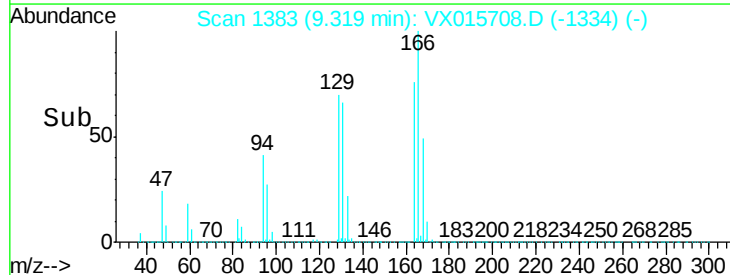
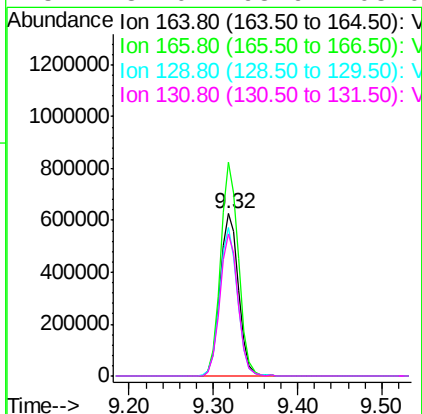
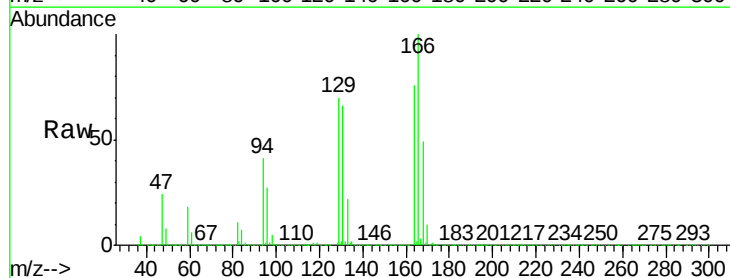
Instrument :
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ClientSampleId :
SS037MW302-200408DL

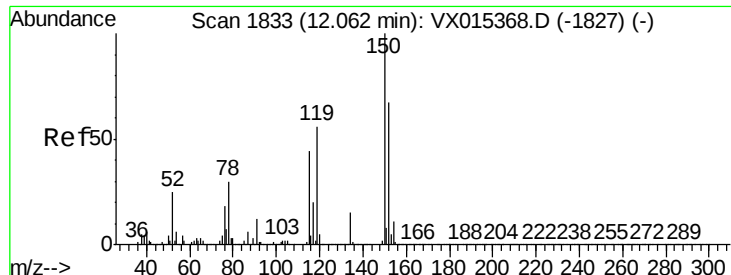
Tot Ion:117 Resp: 1442972
Ion Ratio Lower Upper
117 100
82 55.4 47.8 71.8
119 32.4 26.8 40.2



#64
Tetrachloroethene
Concen: 87.045 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015708.D
Acq: 16 Apr 2020 13:44

Tgt Ion:164 Resp: 947901
Ion Ratio Lower Upper
164 100
166 131.4 97.8 146.6
129 91.7 73.0 109.4
131 87.0 68.6 103.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015708.D

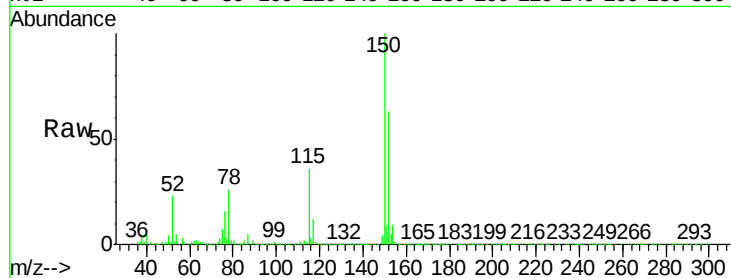
Acq: 16 Apr 2020 13:44

Instrument :

MSVOA_X

ClientSampleId :

SS037MW302-200408DL



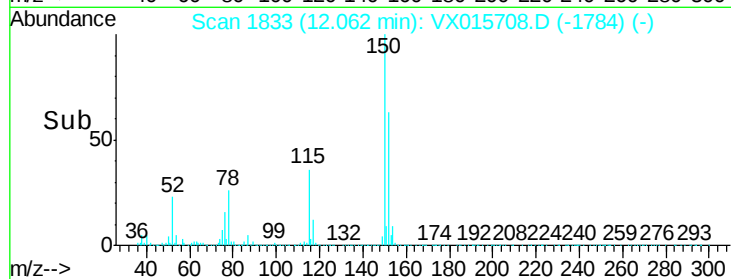
Tot Ion:152 Resp: 805936

Ion Ratio Lower Upper

152 100

115 57.3 39.0 116.9

150 158.2 0.0 340.8



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

