

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051019\
 Data File : VX009504.D
 Acq On : 11 May 2019 00:20
 Operator : JC/SP
 Sample : K2810-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS004MW153-190509

Quant Time: May 11 04:27:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

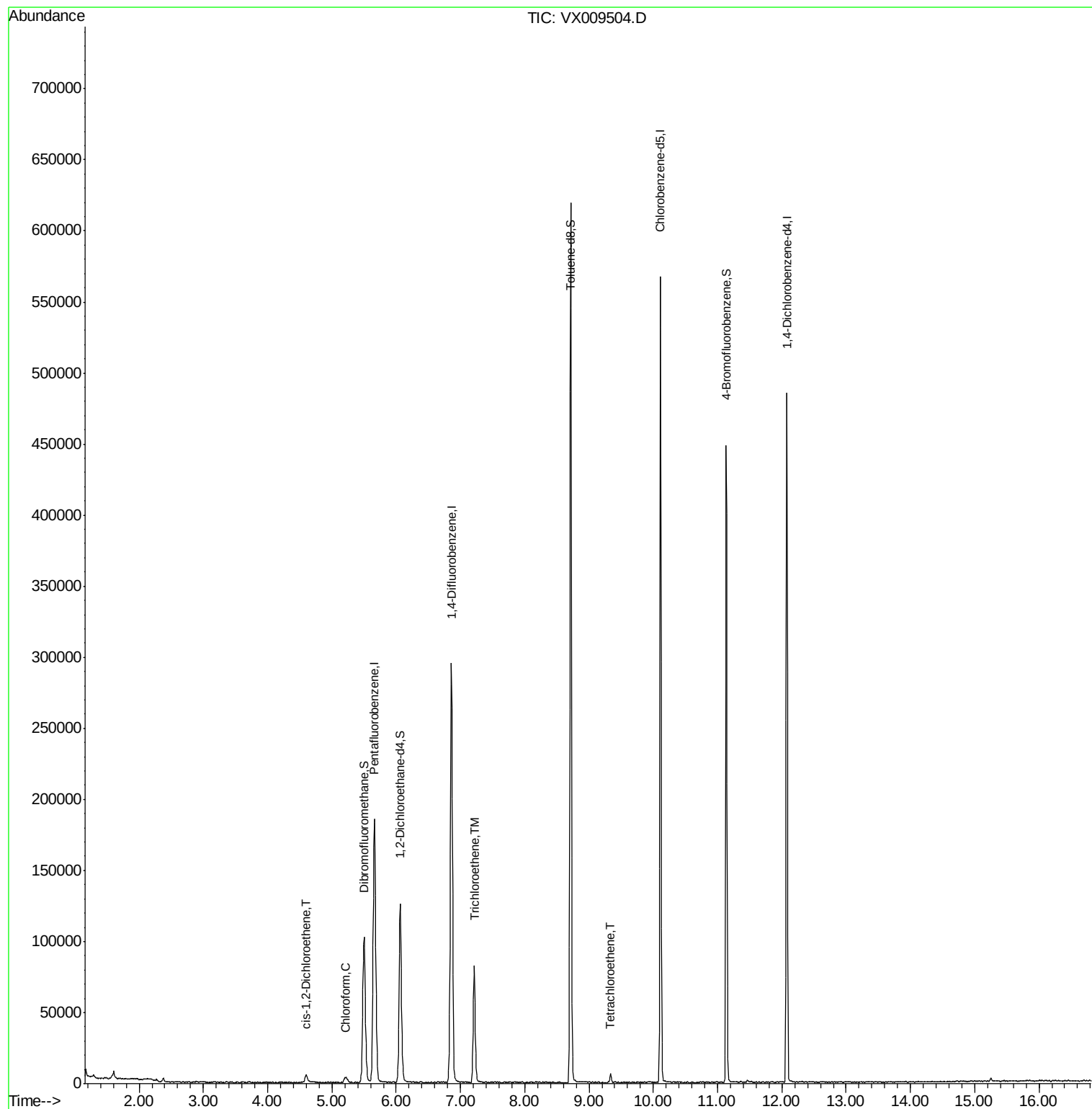
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	179792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	287535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	100748	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117866	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
35) Dibromofluoromethane	5.50	113	87803	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
50) Toluene-d8	8.71	98	358851	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.13	95	115631	43.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.22%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	3151	1.443	ug/l	87
30) Chloroform	5.22	83	4612	1.307	ug/l	91
44) Trichloroethene	7.21	130	31697	15.855	ug/l	99
64) Tetrachloroethene	9.34	164	1074	0.628	ug/l #	76

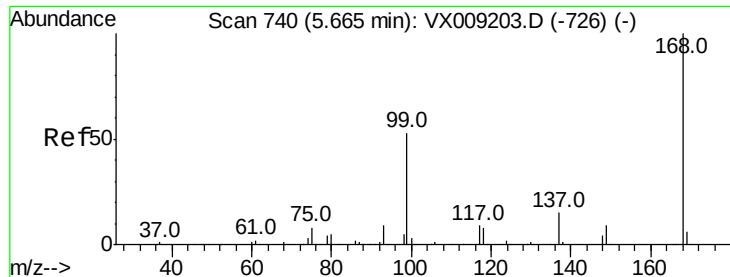
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009504.D

Acq: 11 May 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

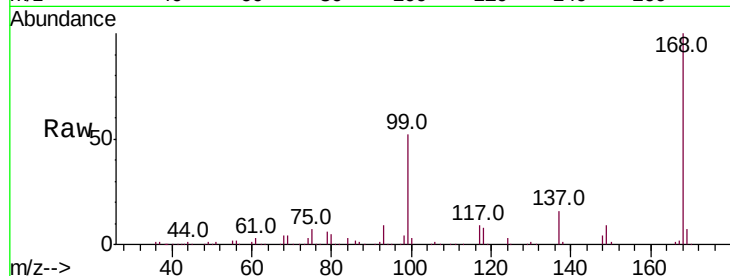
SS004MW153-190509

Tot Ion:168 Resp: 179792

Ion Ratio Lower Upper

168 100

99 52.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

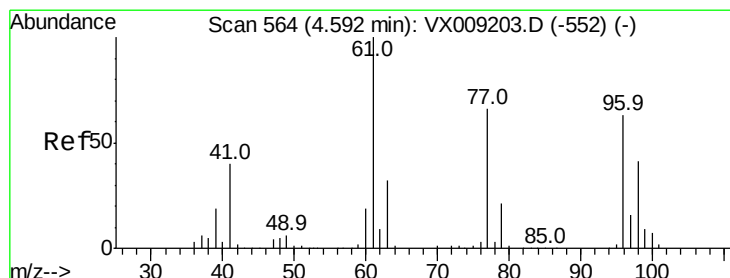
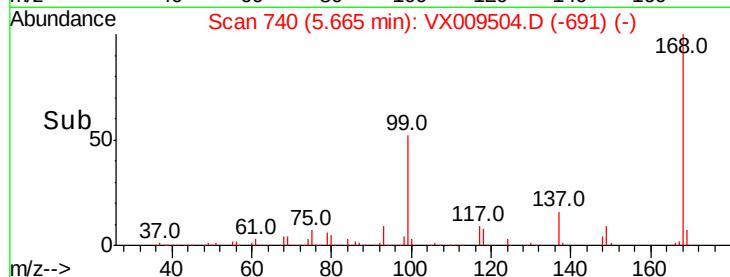
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 1.443 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX009504.D

Acq: 11 May 2019 00:20

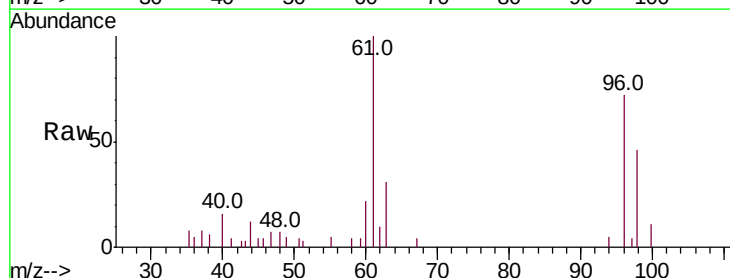
Tgt Ion: 96 Resp: 3151

Ion Ratio Lower Upper

96 100

61 138.9 0.0 324.0

98 64.1 0.0 130.4



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

2000

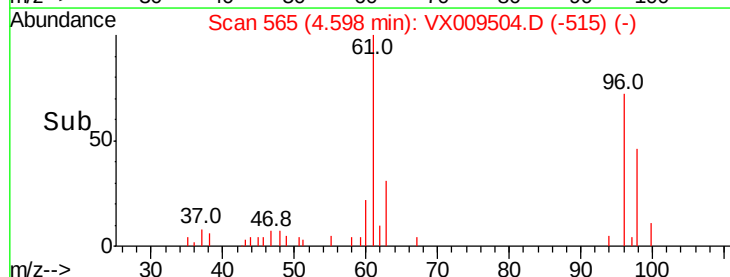
1500

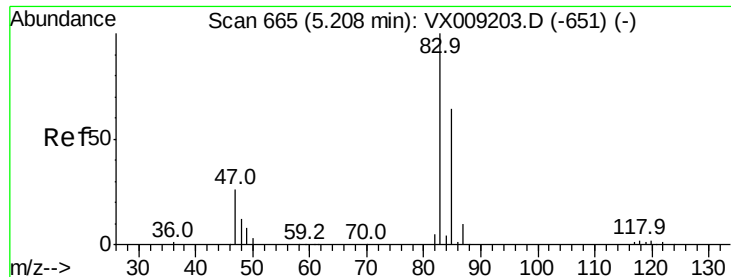
1000

500

0

Time--> 4.50 4.55 4.60 4.65 4.70

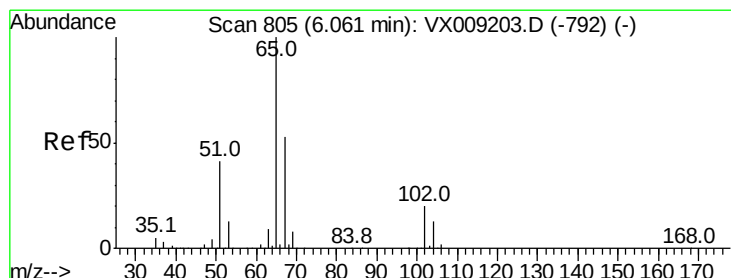
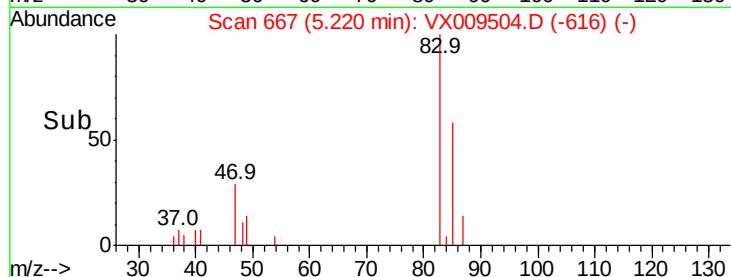
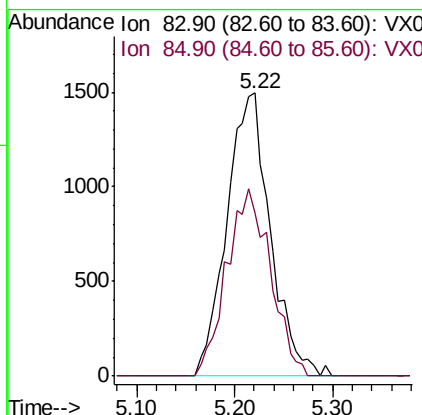
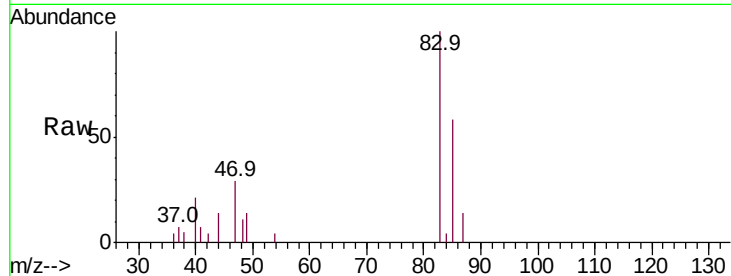




#30
Chloroform
Concen: 1.307 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX009504.D
Acq: 11 May 2019 00:20

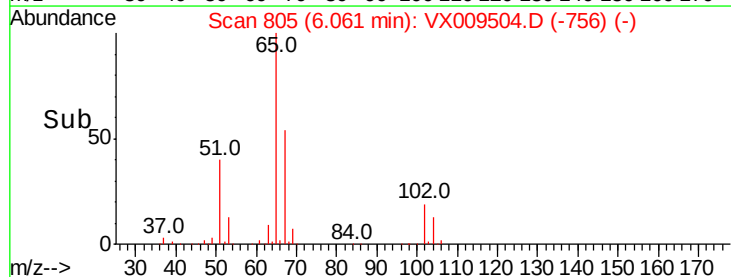
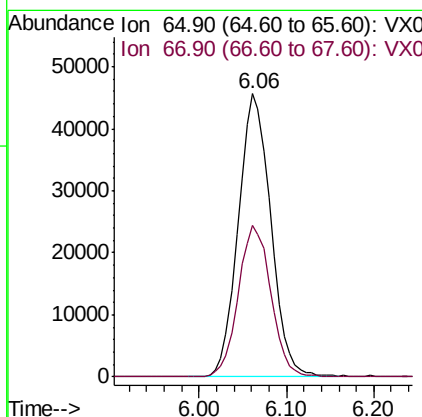
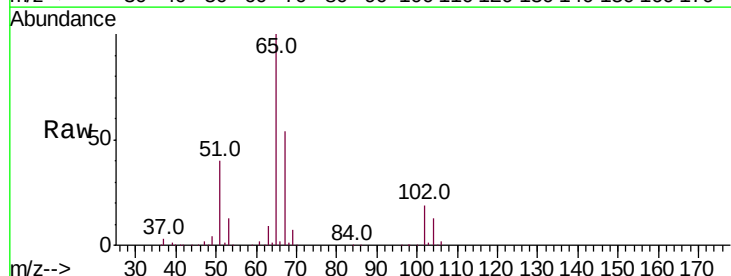
Instrument :
MSVOA_X
ClientSampleId :
SS004MW153-190509

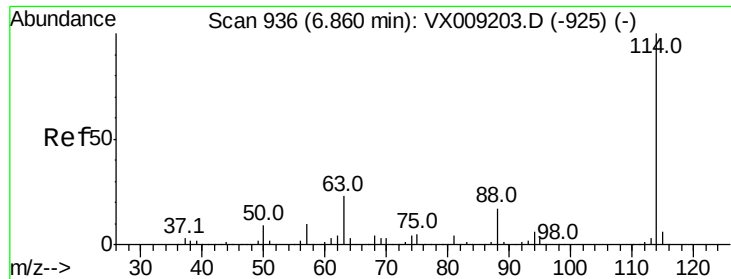
Tot Ion: 83 Resp: 4612
Ion Ratio Lower Upper
83 100
85 57.7 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 48.023 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009504.D
Acq: 11 May 2019 00:20

Tgt Ion: 65 Resp: 117866
Ion Ratio Lower Upper
65 100
67 54.1 0.0 106.6

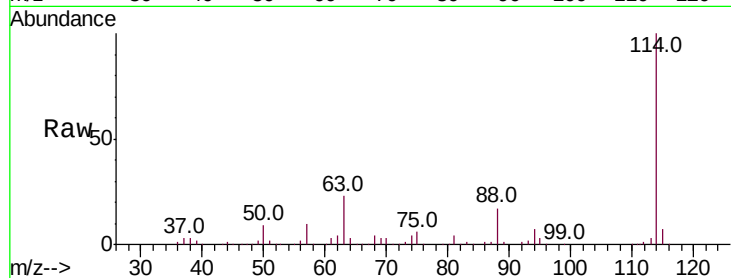




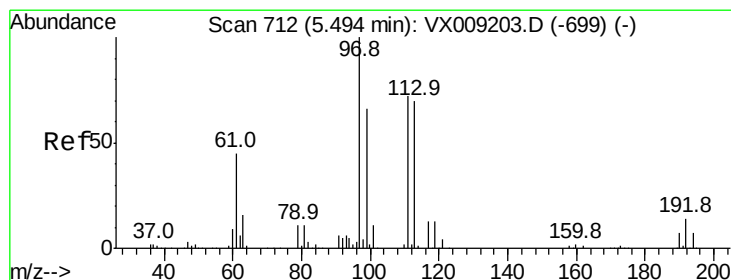
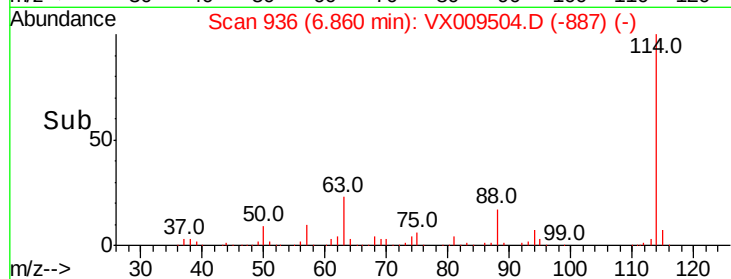
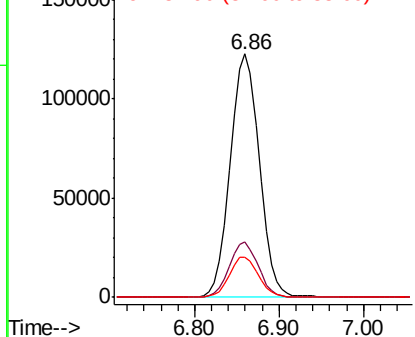
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009504.D
 Acq: 11 May 2019 00:20

Instrument :
 MSVOA_X
 ClientSampleId :
 SS004MW153-190509

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	45.6
88	16.6	0.0	33.2

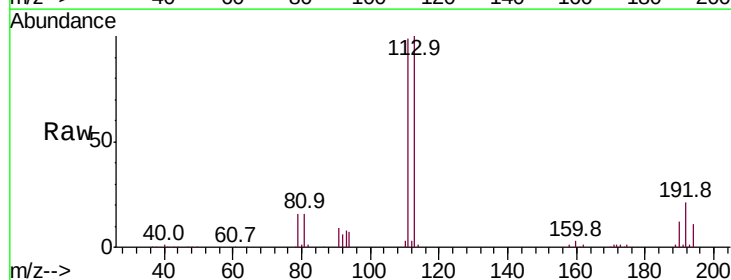


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

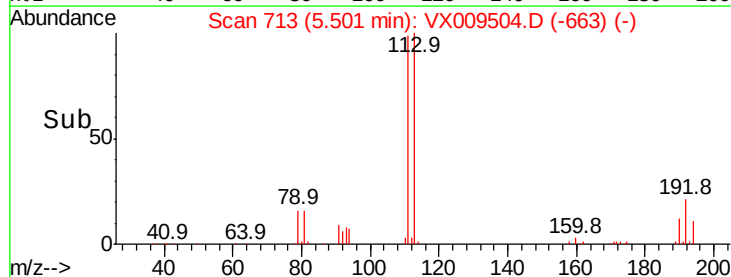
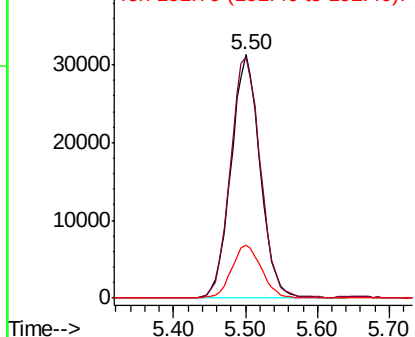


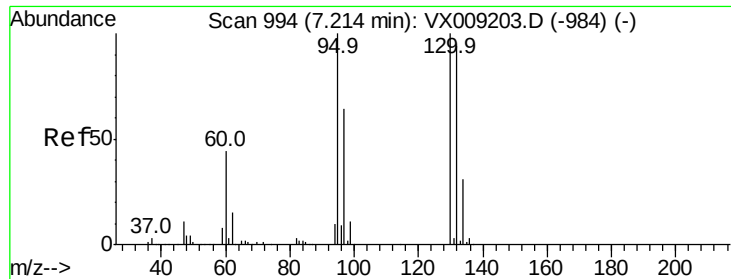
#35
 Dibromofluoromethane
 Concen: 48.575 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009504.D
 Acq: 11 May 2019 00:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.8	124.2
192	22.1	17.0	25.6



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: 15.855 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009504.D

Acq: 11 May 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

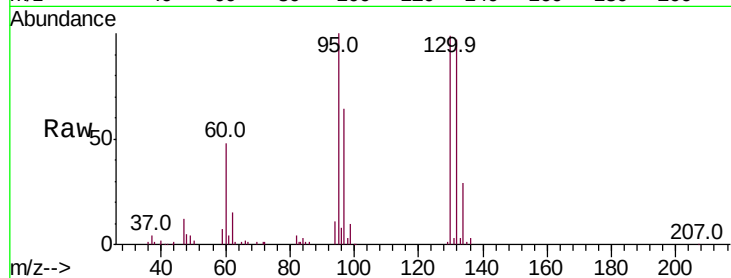
SS004MW153-190509

Tot Ion:130 Resp: 31697

Ion Ratio Lower Upper

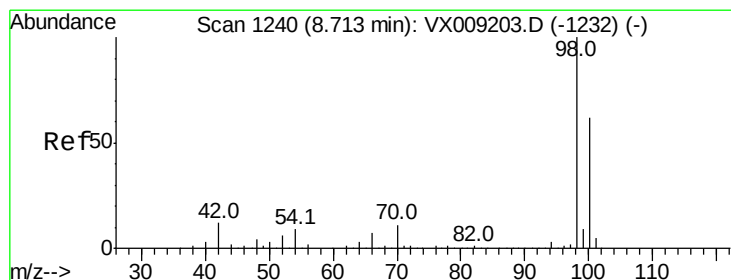
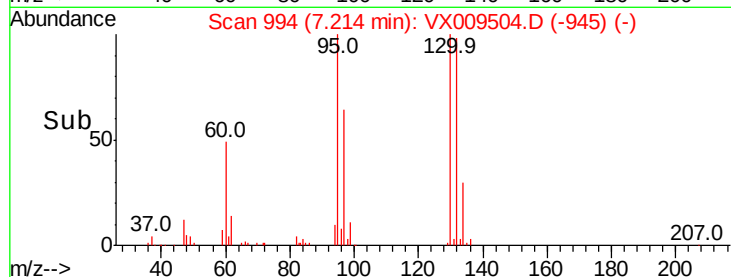
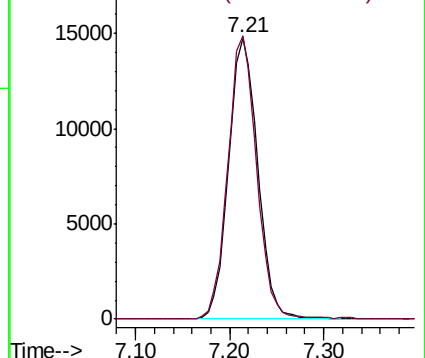
130 100

95 100.8 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.174 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009504.D

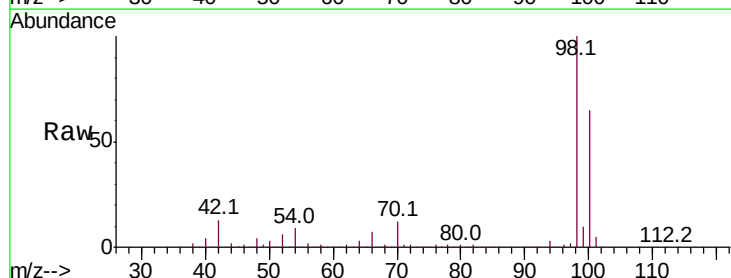
Acq: 11 May 2019 00:20

Tgt Ion: 98 Resp: 358851

Ion Ratio Lower Upper

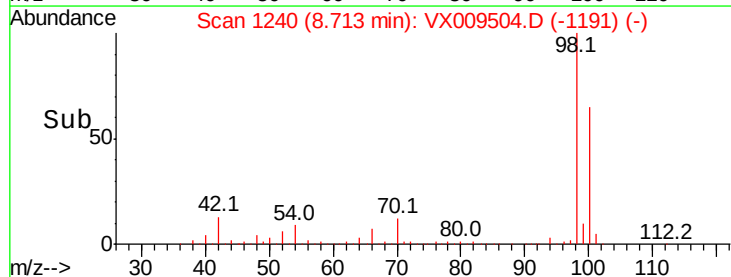
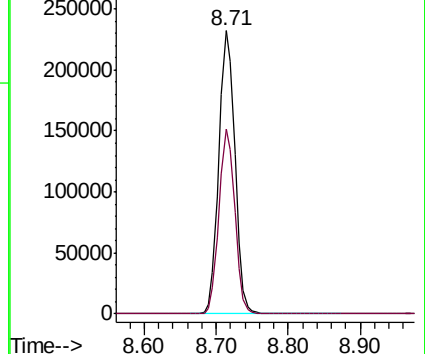
98 100

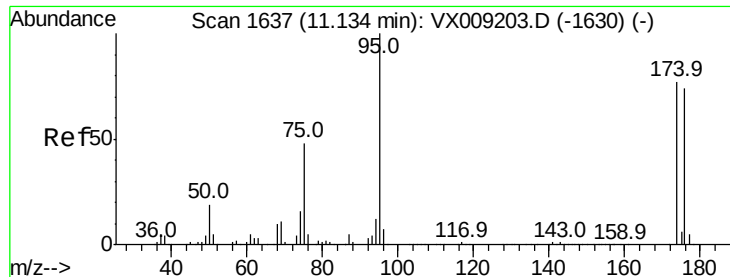
100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

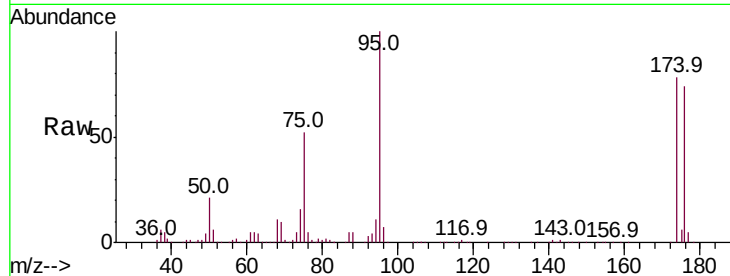




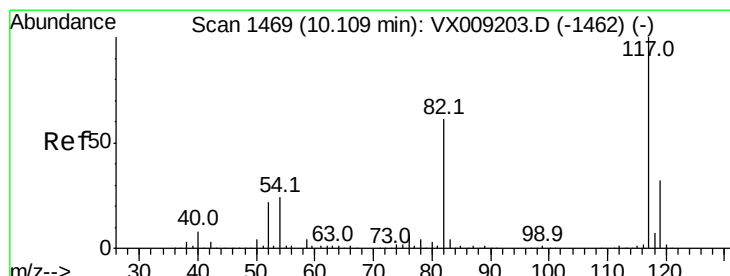
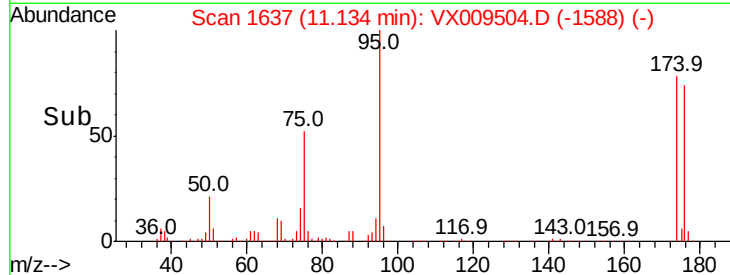
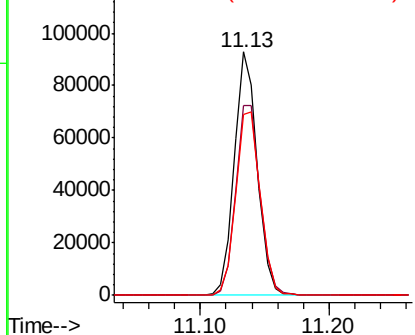
#62
4-Bromofluorobenzene
Concen: 43.607 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009504.D
Acq: 11 May 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :
SS004MW153-190509

Tot Ion: 95 Resp: 115631
Ion Ratio Lower Upper
95 100
174 82.6 0.0 161.6
176 80.6 0.0 159.2

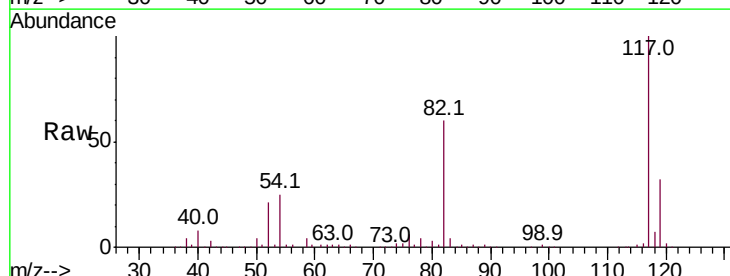


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

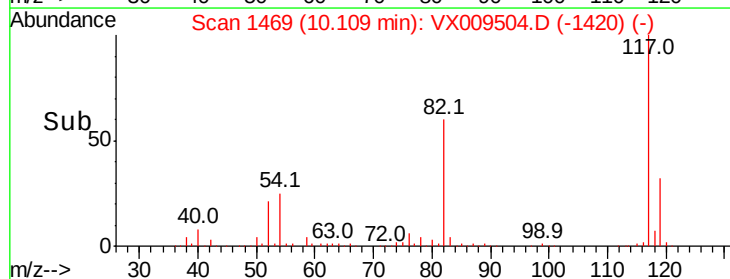
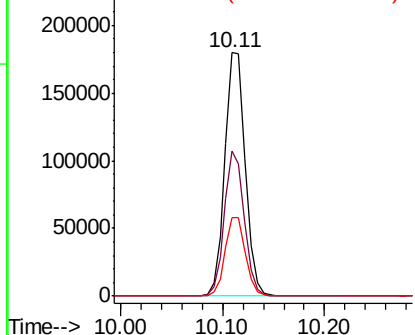


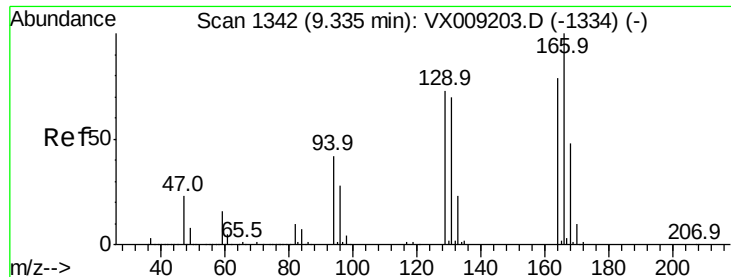
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009504.D
Acq: 11 May 2019 00:20

Tgt Ion: 117 Resp: 249193
Ion Ratio Lower Upper
117 100
82 59.8 48.8 73.2
119 32.4 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.628 ug/l

RT: 9.34 min Scan# 1343

Delta R.T. 0.01 min

Lab File: VX009504.D

Acq: 11 May 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

SS004MW153-190509

Tot Ion:164 Resp: 1074

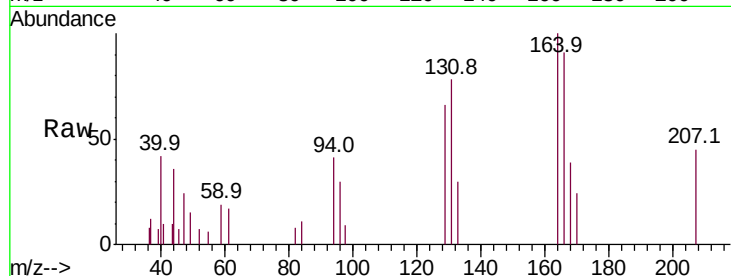
Ion Ratio Lower Upper

164 100

166 91.5 101.2 151.8#

129 66.4 74.3 111.5#

131 77.5 71.0 106.6

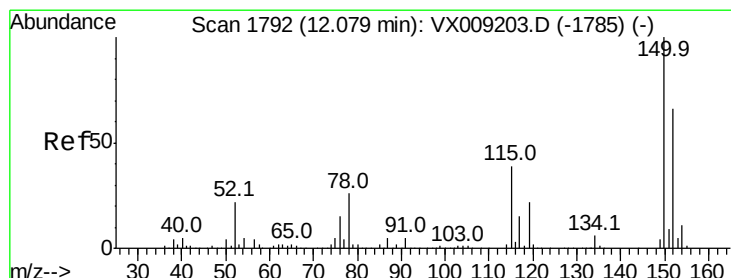
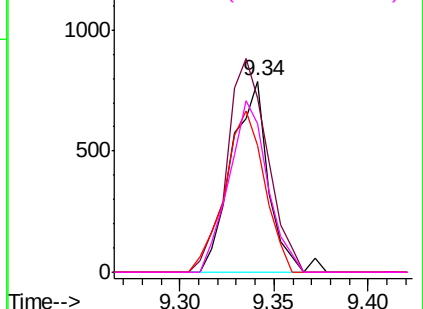
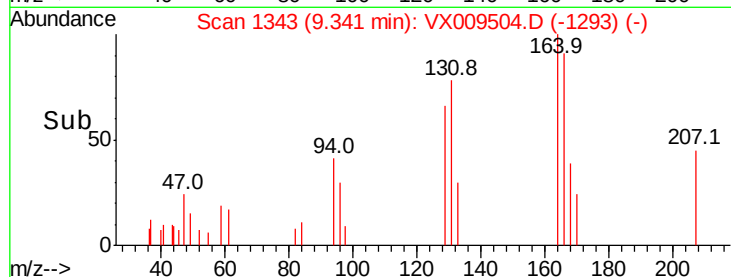


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009504.D

Acq: 11 May 2019 00:20

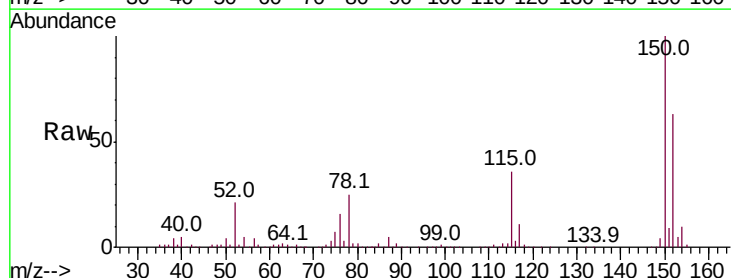
Tgt Ion:152 Resp: 100748

Ion Ratio Lower Upper

152 100

115 58.7 41.2 123.6

150 157.8 0.0 346.4



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

