

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040619\
 Data File : VX008732.D
 Acq On : 06 Apr 2019 19:45
 Operator : JC/SP
 Sample : K2295-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY067MW013-190404

Quant Time: Apr 08 04:37:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

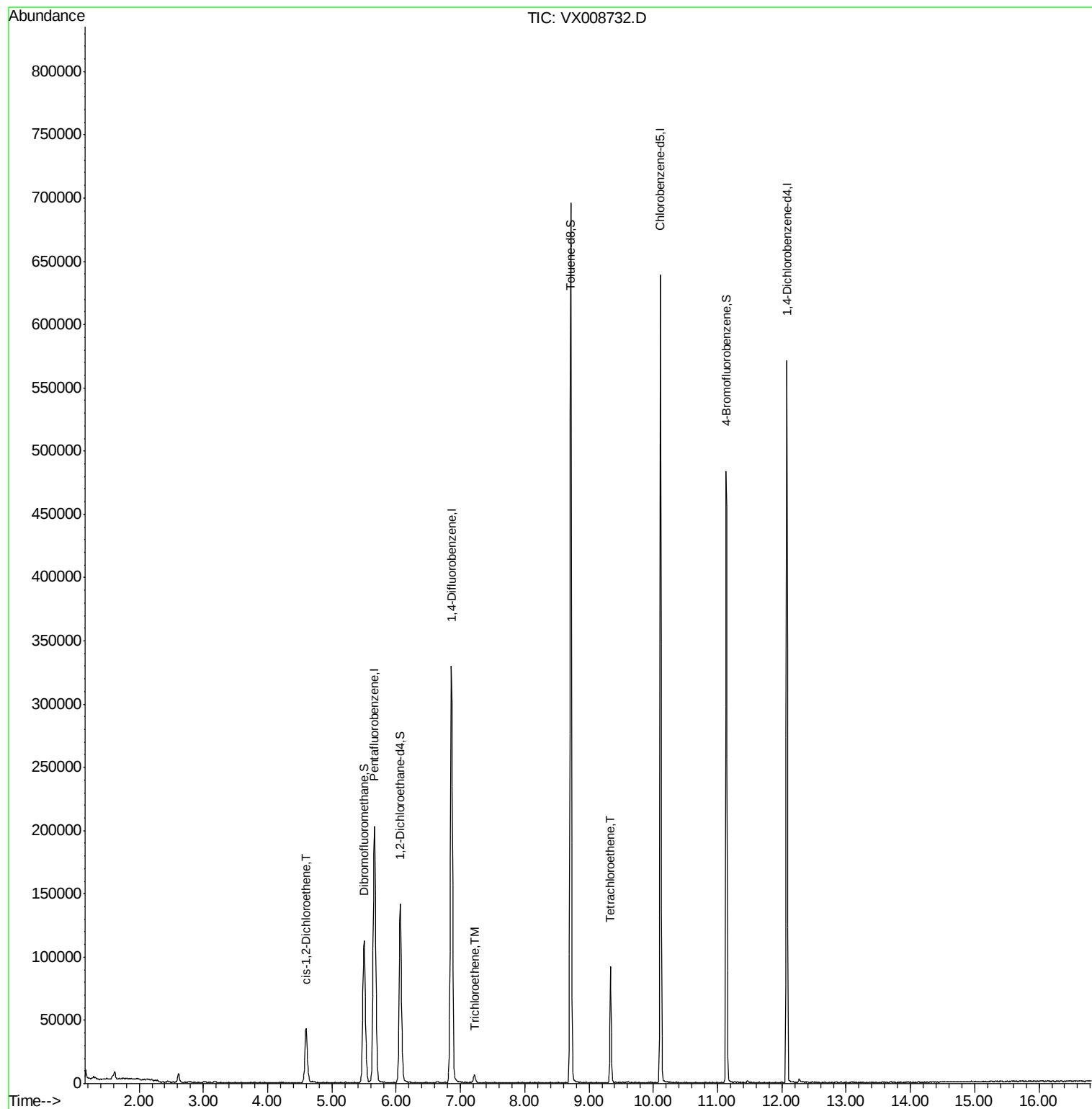
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	195105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	323621	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	275877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	132819	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.34%	
35) Dibromofluoromethane	5.50	113	96699	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.46%	
50) Toluene-d8	8.71	98	402846	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	11.13	95	132224	45.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.52%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	26424	9.420	ug/l	89
44) Trichloroethene	7.21	130	2310	0.941	ug/l	87
64) Tetrachloroethene	9.34	164	17029	8.331	ug/l	99

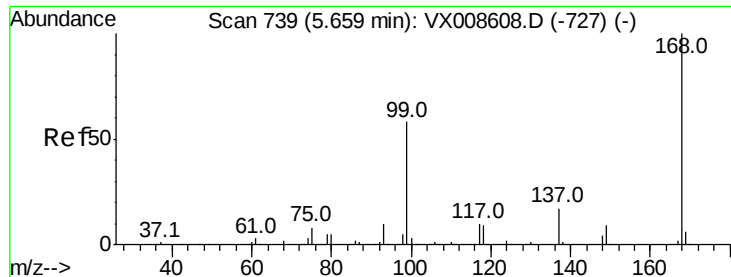
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008732.D

Acq: 06 Apr 2019 19:45

Instrument :

MSVOA_X

ClientSampleId :

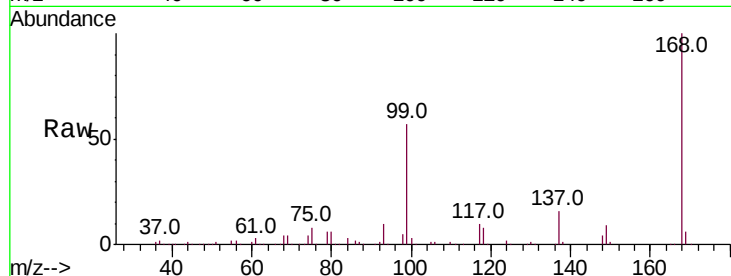
KY067MW013-190404

Tot Ion:168 Resp: 195105

Ion Ratio Lower Upper

168 100

99 57.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

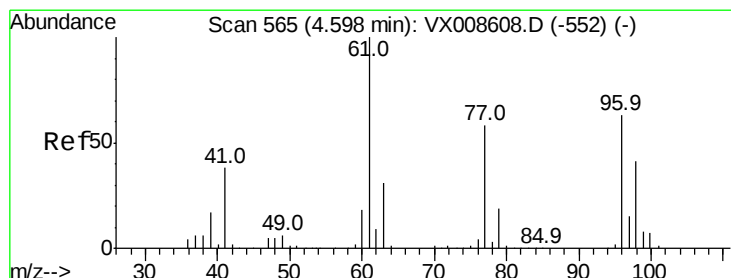
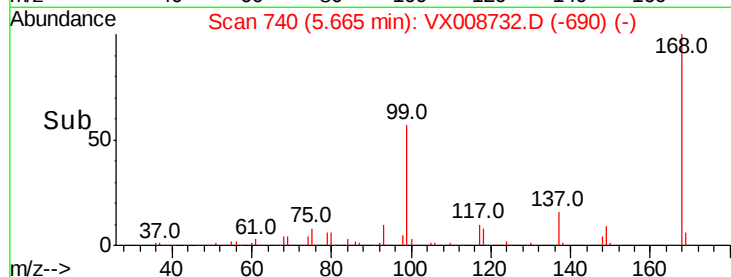
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 9.420 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008732.D

Acq: 06 Apr 2019 19:45

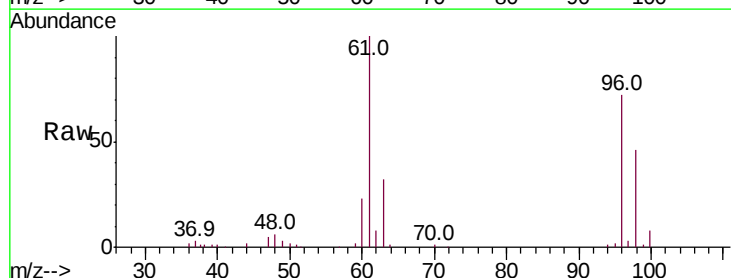
Tgt Ion: 96 Resp: 26424

Ion Ratio Lower Upper

96 100

61 143.7 0.0 327.6

98 65.6 0.0 128.6



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

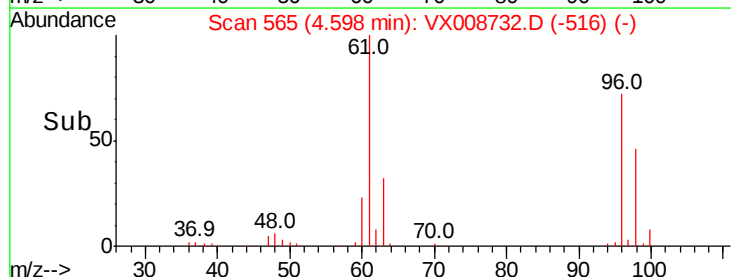
15000

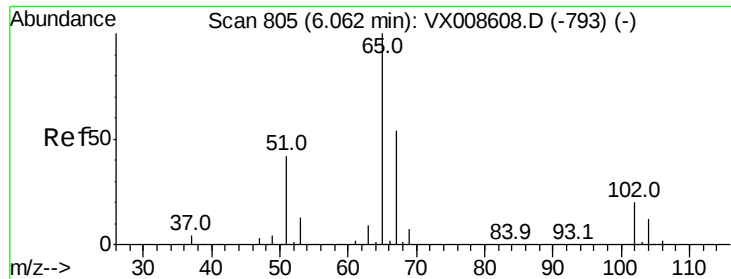
10000

5000

0

Time--> 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 46.673 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008732.D

Acq: 06 Apr 2019 19:45

Instrument :

MSVOA_X

ClientSampleId :

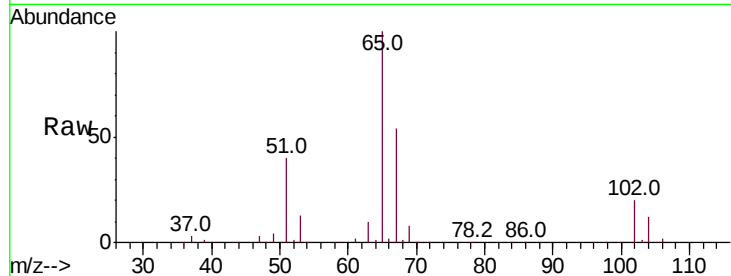
KY067MW013-190404

Tot Ion: 65 Resp: 132819

Ion Ratio Lower Upper

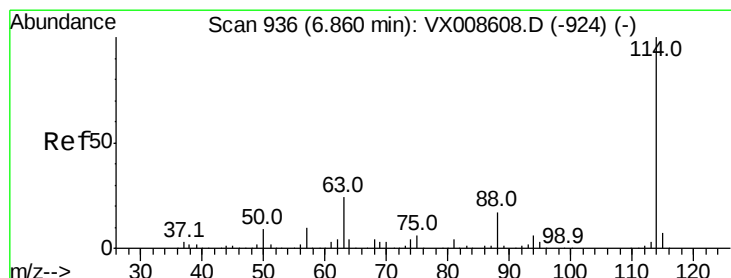
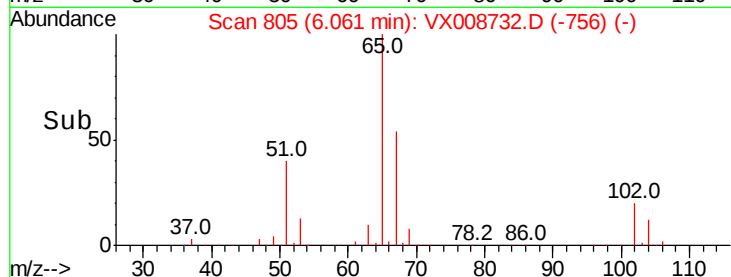
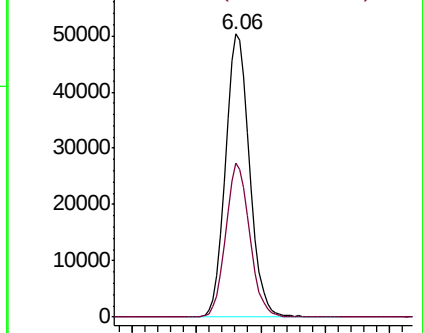
65 100

67 53.9 0.0 107.2



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008732.D

Acq: 06 Apr 2019 19:45

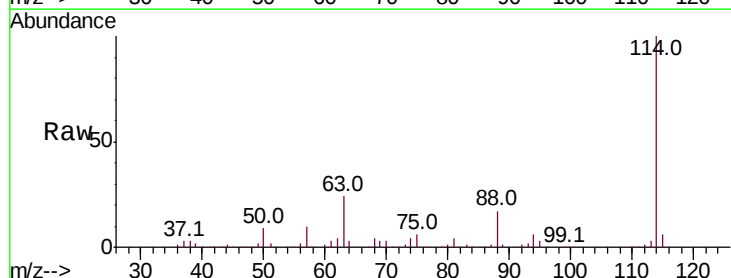
Tgt Ion:114 Resp: 323621

Ion Ratio Lower Upper

114 100

63 23.6 0.0 47.2

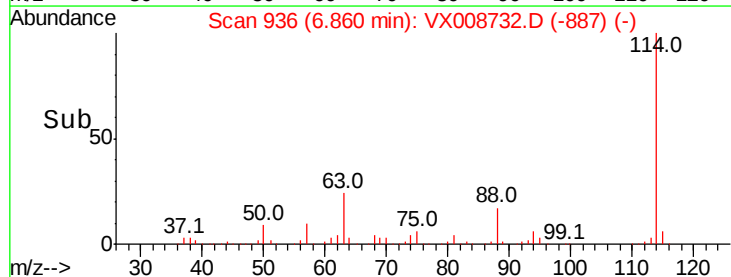
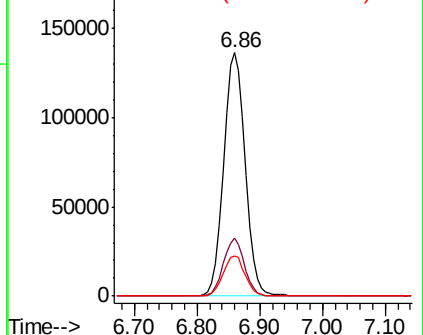
88 16.6 0.0 34.0

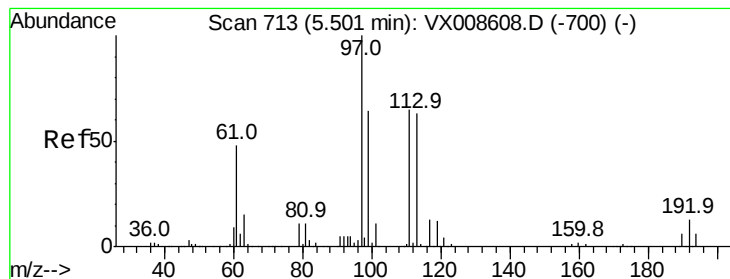


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.735 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008732.D

Acq: 06 Apr 2019 19:45

Instrument :

MSVOA_X

ClientSampleId :

KY067MW013-190404

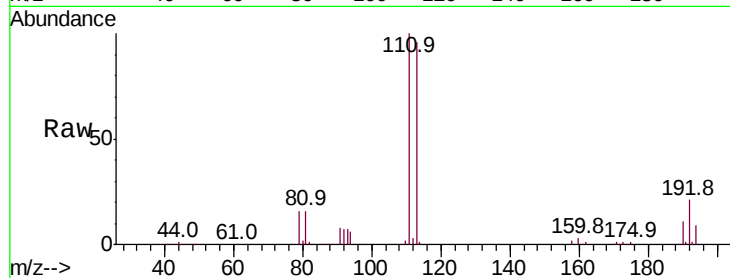
Tot Ion:113 Resp: 96699

Ion Ratio Lower Upper

113 100

111 103.6 83.4 125.2

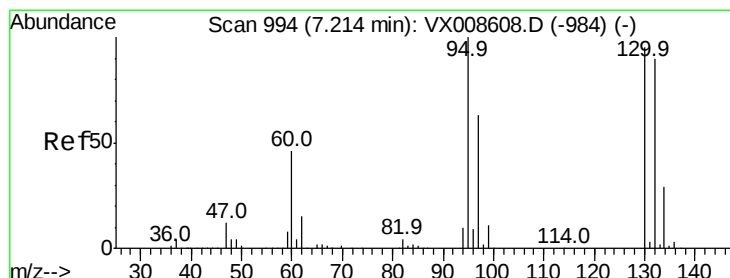
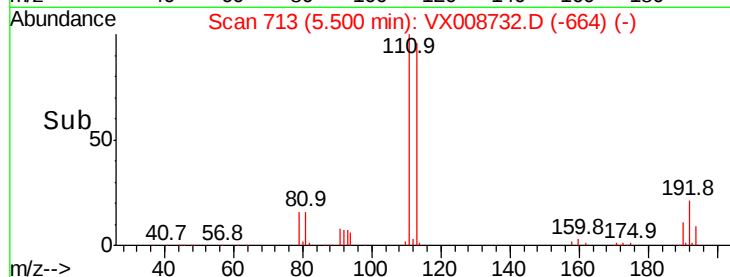
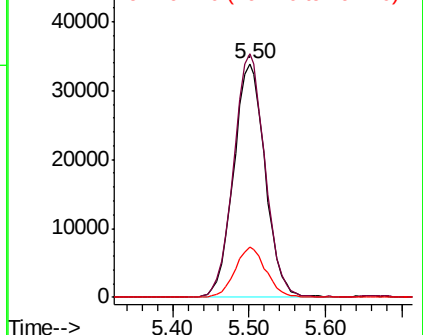
192 21.1 16.1 24.1



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: 0.941 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008732.D

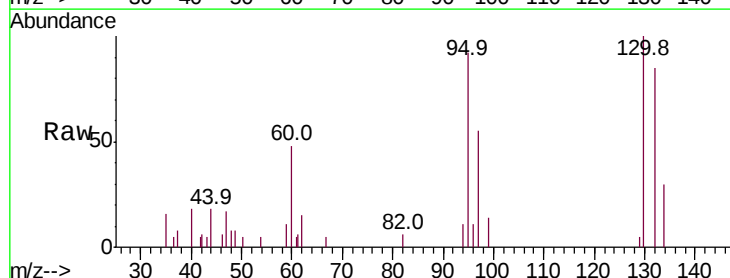
Acq: 06 Apr 2019 19:45

Tgt Ion:130 Resp: 2310

Ion Ratio Lower Upper

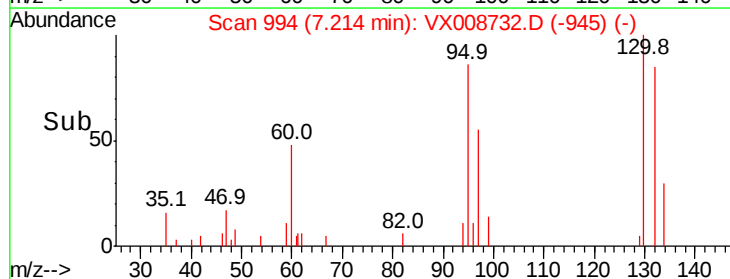
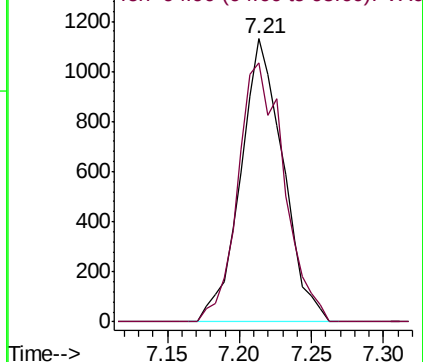
130 100

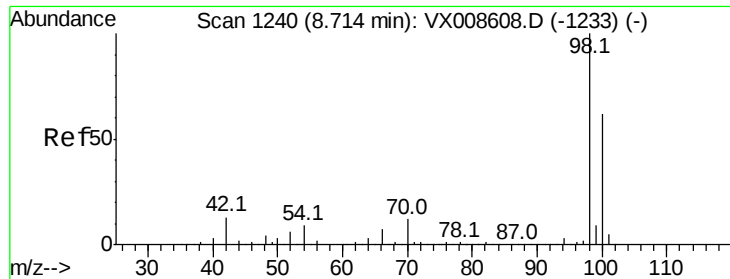
95 91.7 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

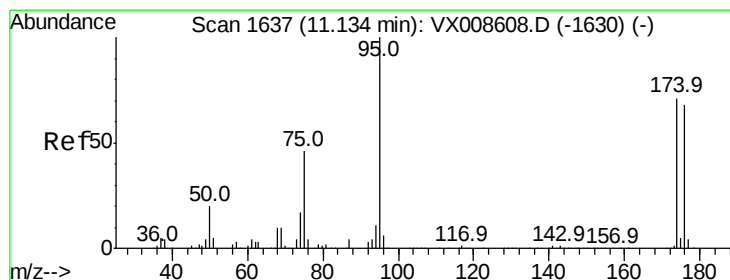
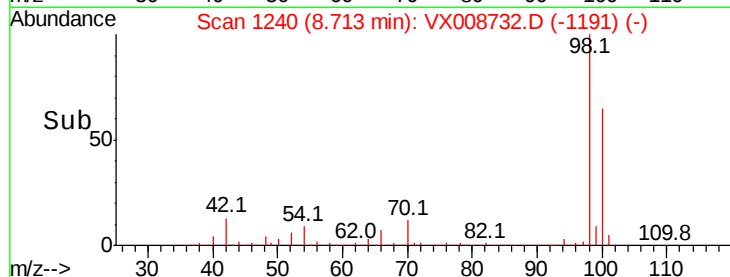
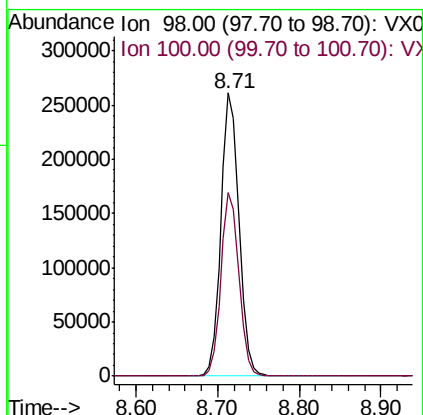
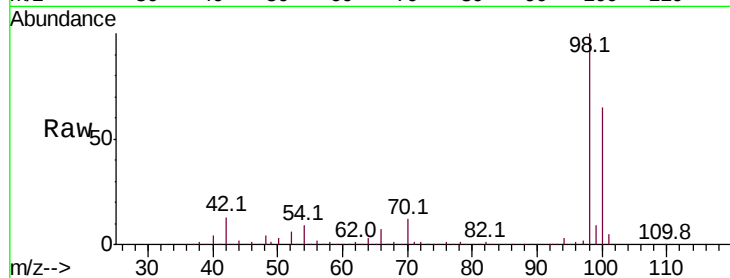




#50
Toluene-d8
Concen: 48.897 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008732.D
Acq: 06 Apr 2019 19:45

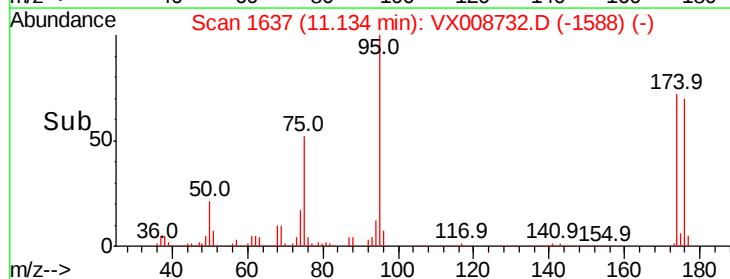
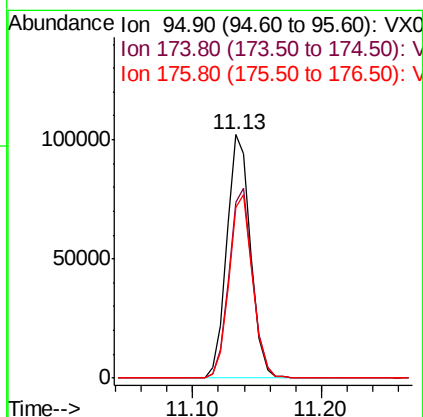
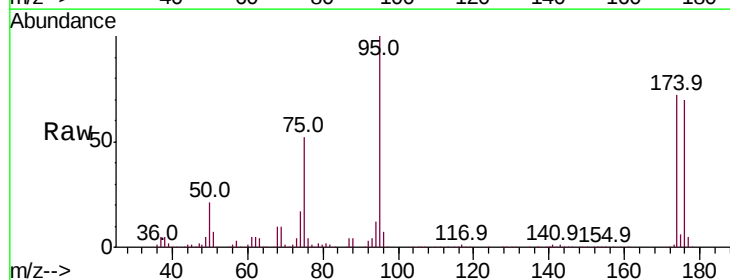
Instrument :
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KY067MW013-190404

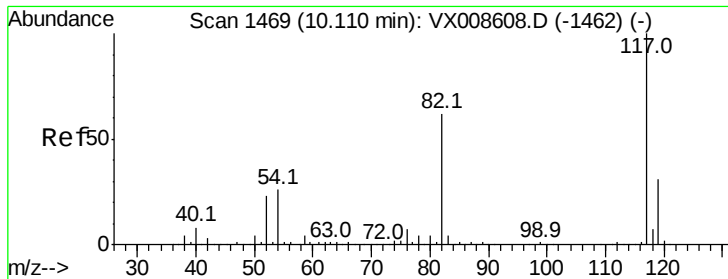
Tot Ion: 98 Resp: 402846
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.258 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008732.D
Acq: 06 Apr 2019 19:45

Tgt Ion: 95 Resp: 132224
Ion Ratio Lower Upper
95 100
174 77.7 0.0 151.8
176 75.1 0.0 145.8

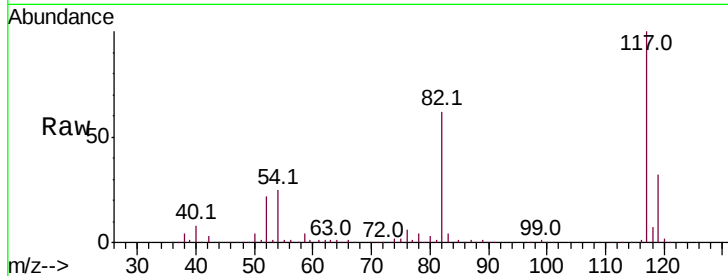




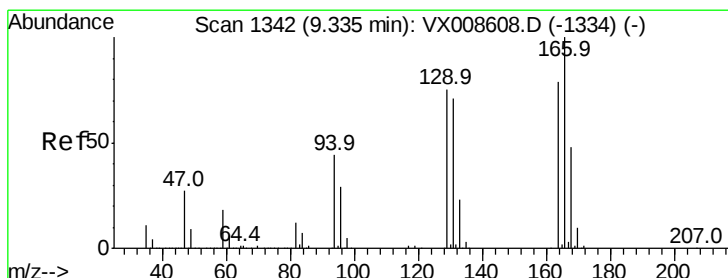
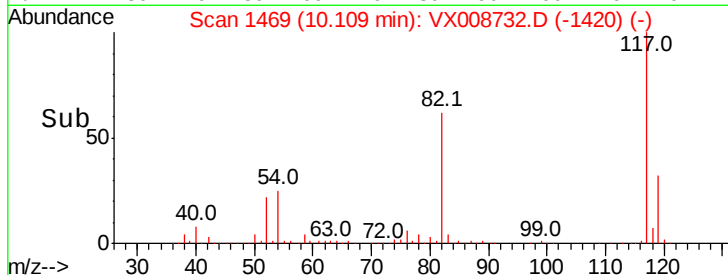
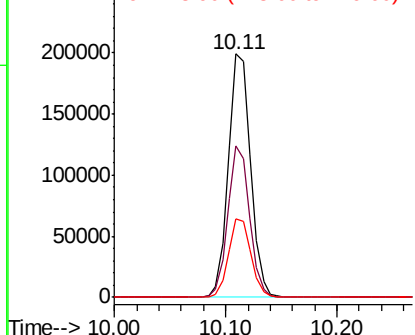
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008732.D
Acq: 06 Apr 2019 19:45

Instrument :
MSVOA_X
ClientSampleId :
KY067MW013-190404

Tot Ion:117 Resp: 275877
Ion Ratio Lower Upper
117 100
82 62.4 49.6 74.4
119 32.1 25.0 37.4

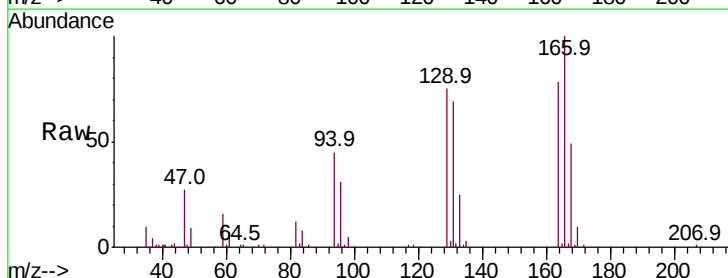


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

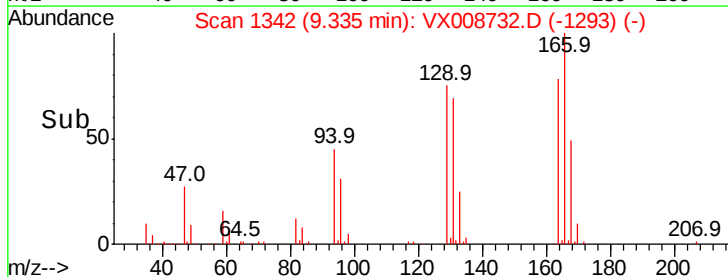
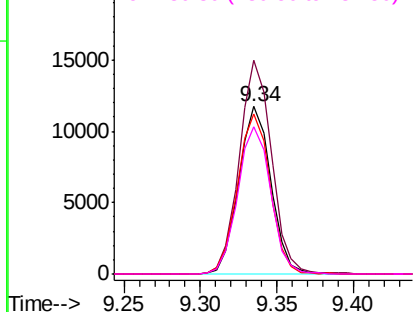


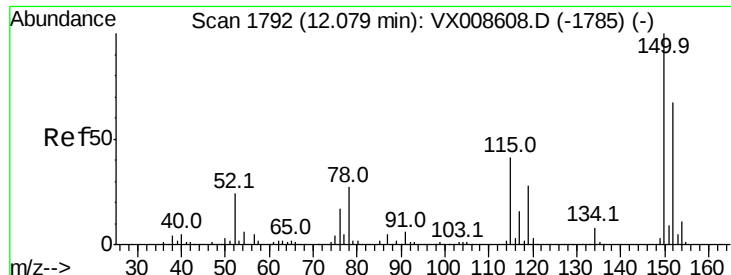
#64
Tetrachloroethene
Concen: 8.331 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008732.D
Acq: 06 Apr 2019 19:45

Tgt Ion:164 Resp: 17029
Ion Ratio Lower Upper
164 100
166 127.8 101.0 151.6
129 95.7 75.8 113.8
131 87.8 71.8 107.8



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

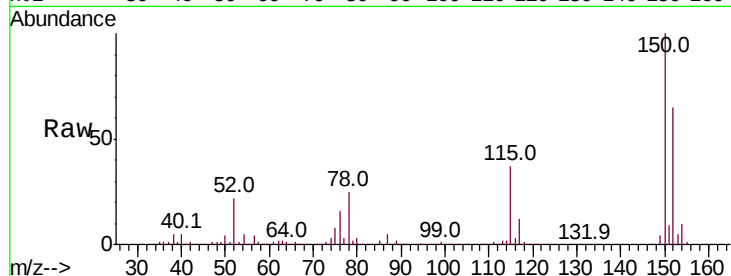




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX008732.D
 Acq: 06 Apr 2019 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 KY067MW013-190404

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.6	43.5	130.5
150	156.9	0.0	348.8



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

