

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041819\
 Data File : VX009046.D
 Acq On : 18 Apr 2019 16:08
 Operator : JC/SP
 Sample : K2449-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW309-190416

Quant Time: Apr 19 09:23:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

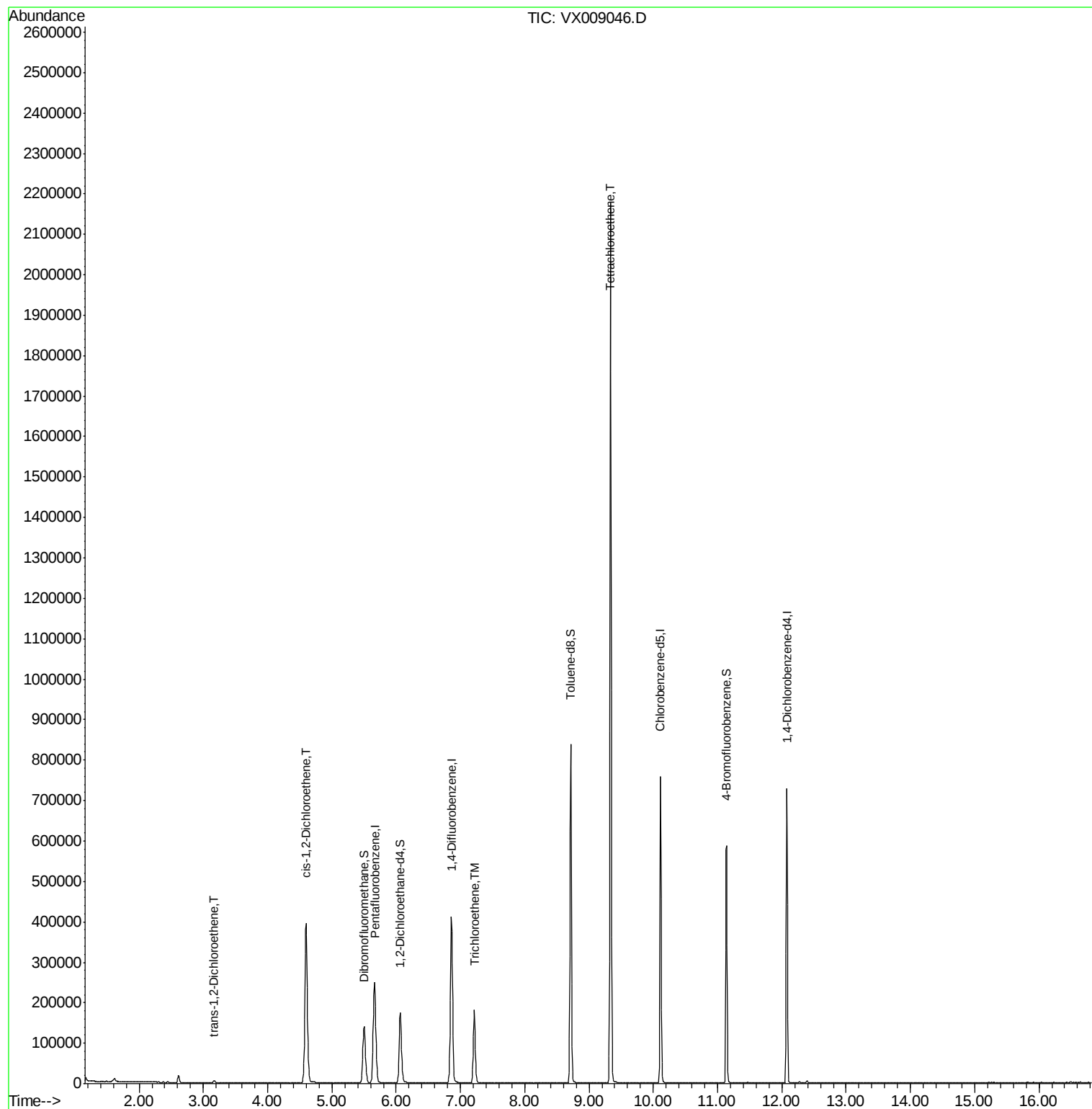
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	399455	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	337829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143835	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	166243	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
35) Dibromofluoromethane	5.50	113	121566	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
50) Toluene-d8	8.71	98	489703	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	11.14	95	162297	44.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.94%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.17	96	2161	0.774	ug/l	87
27) cis-1,2-Dichloroethene	4.60	96	243306	76.709	ug/l	90
44) Trichloroethene	7.21	130	67777	22.697	ug/l	100
64) Tetrachloroethene	9.34	164	408719	159.256	ug/l	98

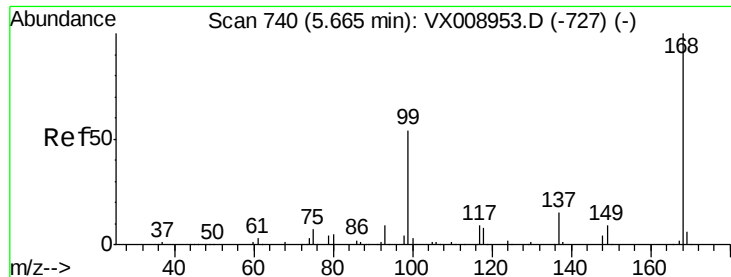
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009046.D

Acq: 18 Apr 2019 16:08

Instrument :

MSVOA_X

ClientSampleId :

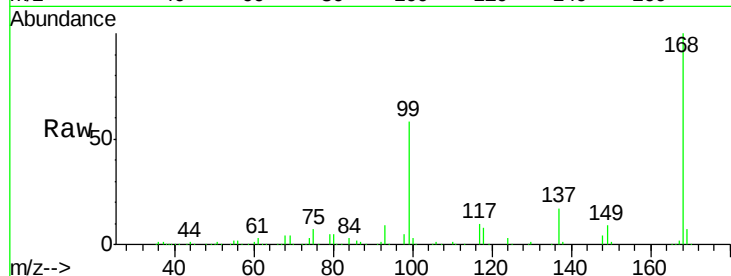
SS037MW309-190416

Tot Ion:168 Resp: 244235

Ion Ratio Lower Upper

168 100

99 57.5 43.0 64.6

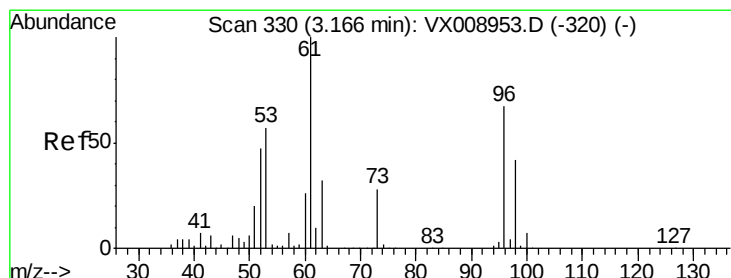
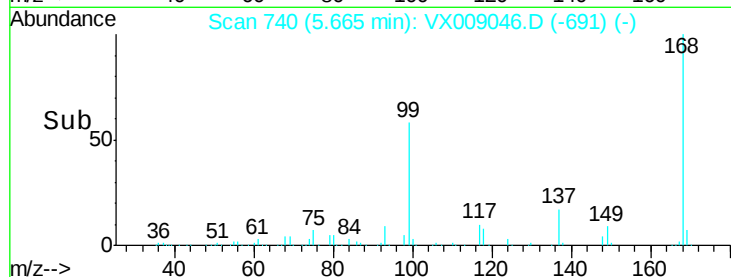


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#21

trans-1,2-Dichloroethene

Concen: 0.774 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX009046.D

Acq: 18 Apr 2019 16:08

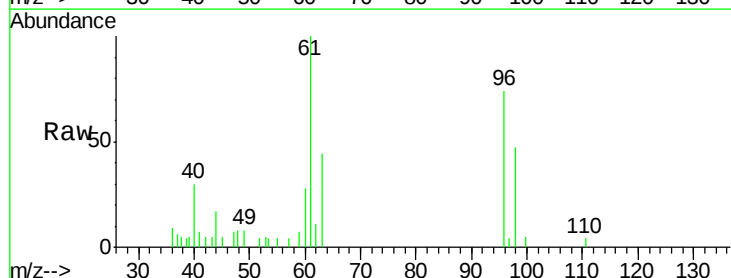
Tgt Ion: 96 Resp: 2161

Ion Ratio Lower Upper

96 100

61 128.8 120.3 180.5

98 64.1 50.2 75.2



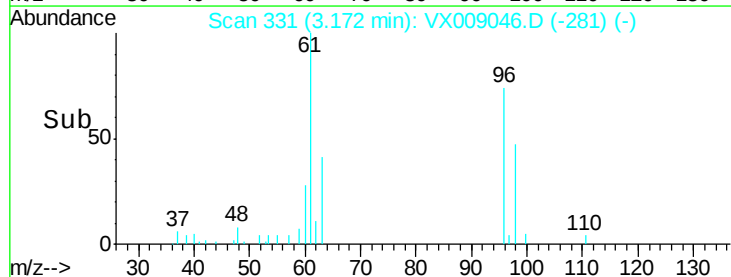
Abundance Ion 95.90 (95.60 to 96.60): VX0

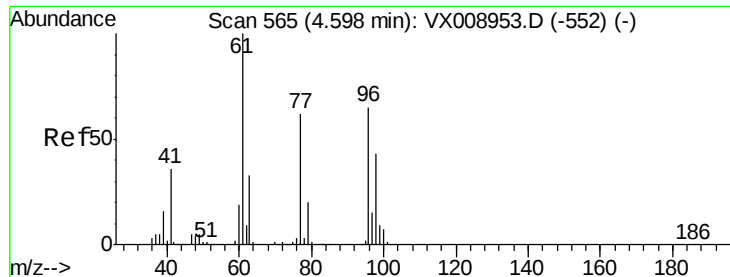
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

3.17

Time-->



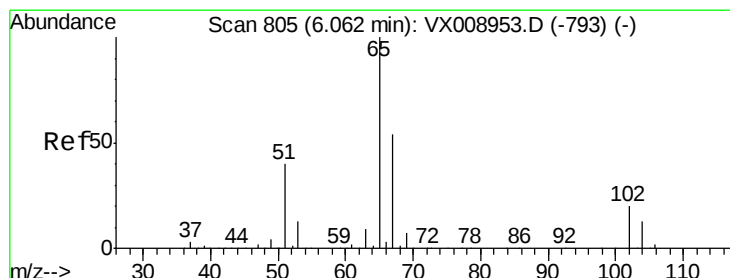
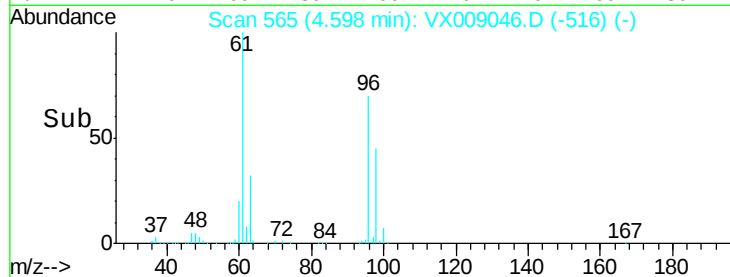
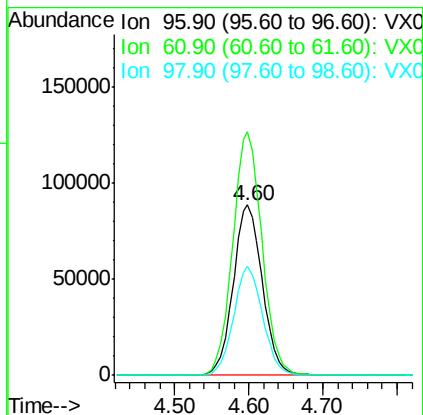
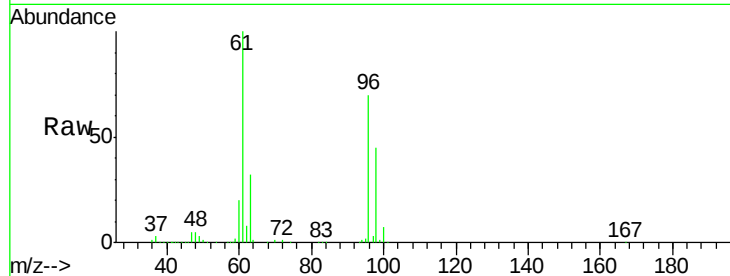


#27

cis-1,2-Dichloroethene
 Concen: 76.709 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX009046.D
 Acq: 18 Apr 2019 16:08

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW309-190416

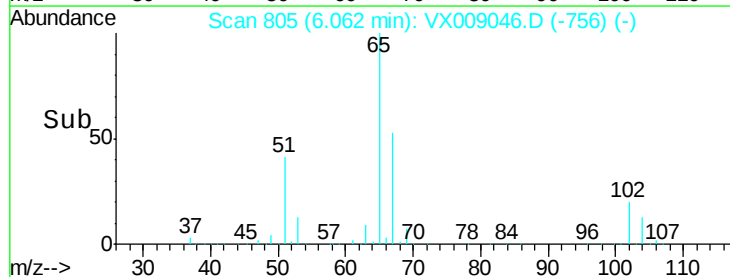
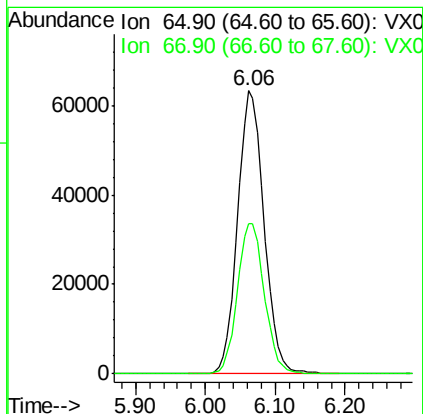
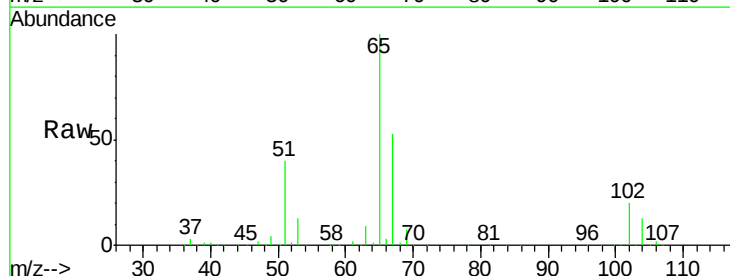
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.4	0.0	322.0
98	64.0	0.0	128.4

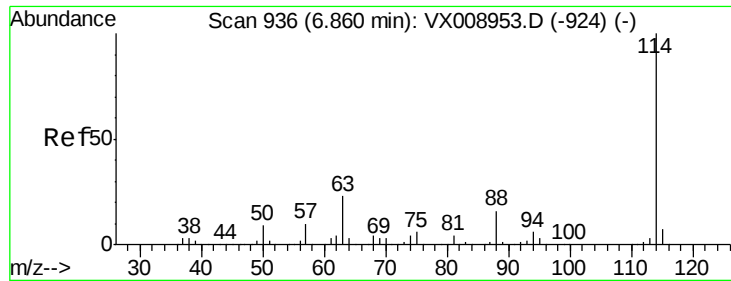


#33

1,2-Dichloroethane-d4
 Concen: 48.299 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009046.D
 Acq: 18 Apr 2019 16:08

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	108.6

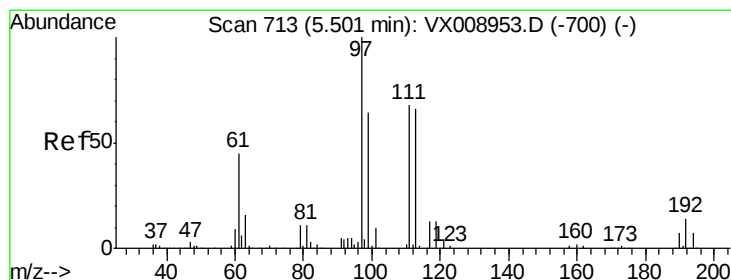
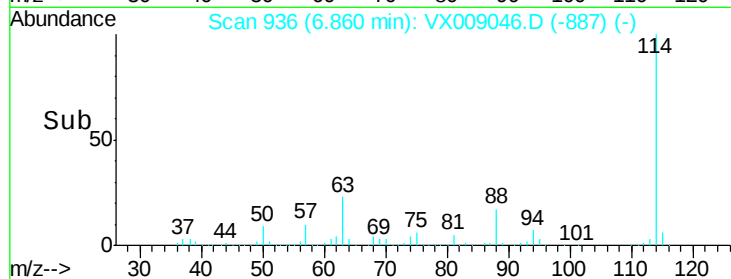
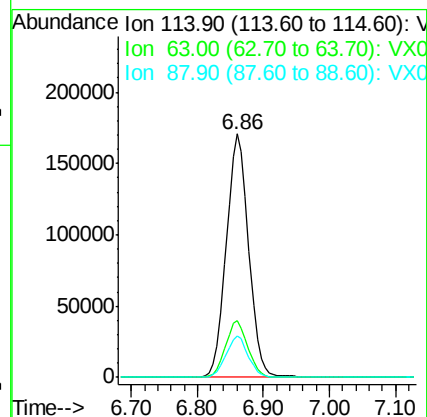
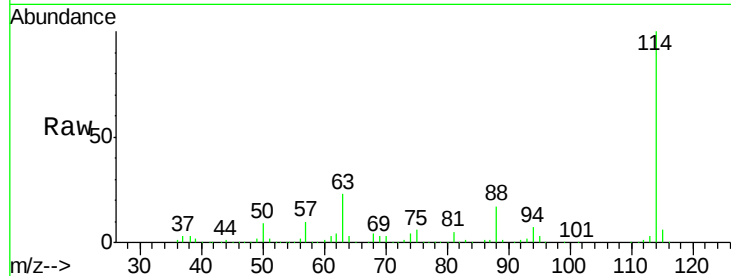




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009046.D
 Acq: 18 Apr 2019 16:08

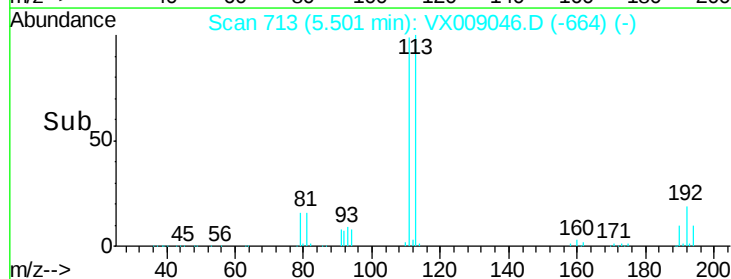
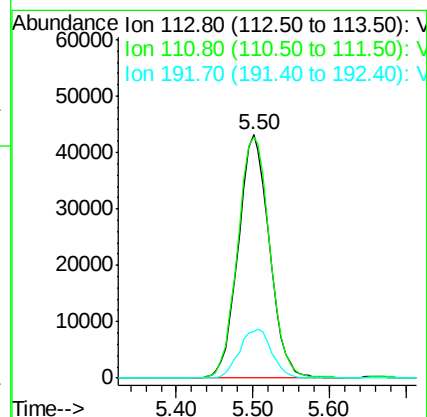
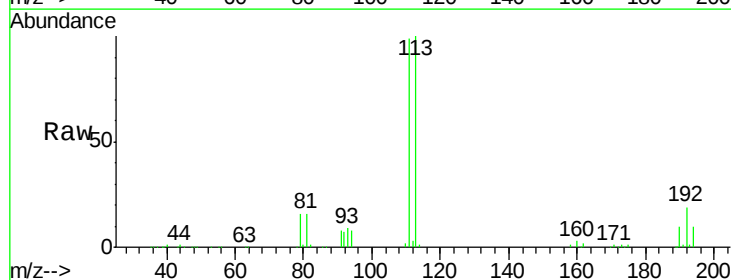
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW309-190416

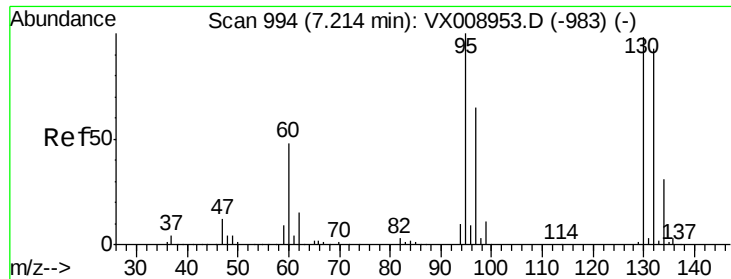
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	46.0
88	17.1	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 47.420 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009046.D
 Acq: 18 Apr 2019 16:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	20.9	17.4	26.0





#44

Trichloroethene

Concen: 22.697 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009046.D

Acq: 18 Apr 2019 16:08

Instrument :

MSVOA_X

ClientSampleId :

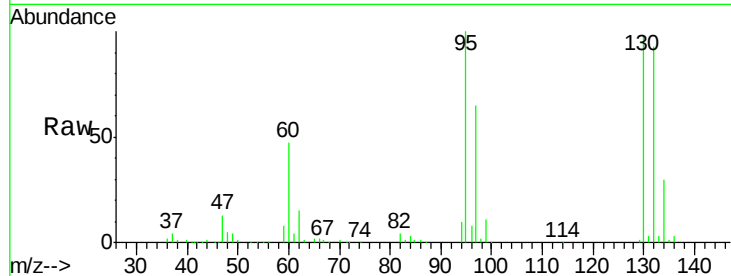
SS037MW309-190416

Tot Ion:130 Resp: 67777

Ion Ratio Lower Upper

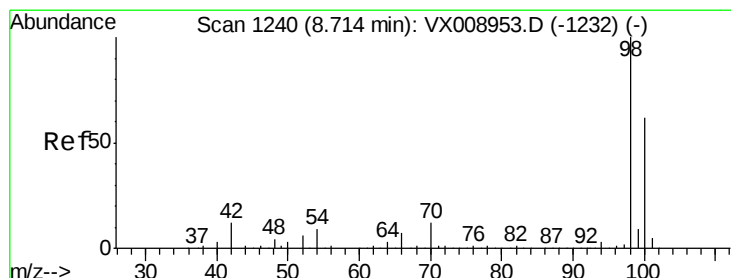
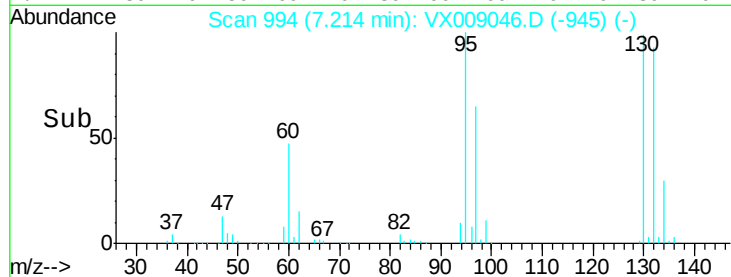
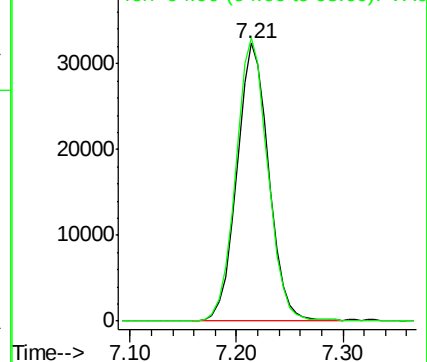
130 100

95 101.8 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 47.898 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009046.D

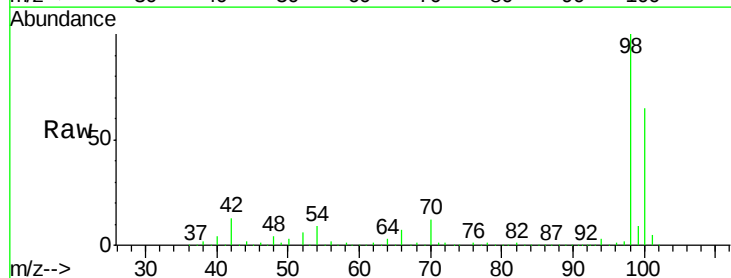
Acq: 18 Apr 2019 16:08

Tgt Ion: 98 Resp: 489703

Ion Ratio Lower Upper

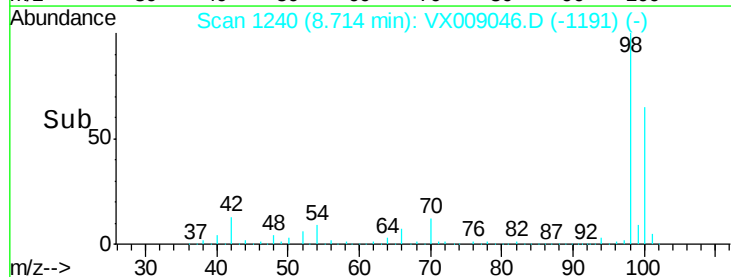
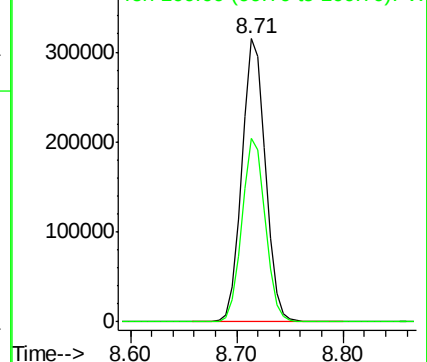
98 100

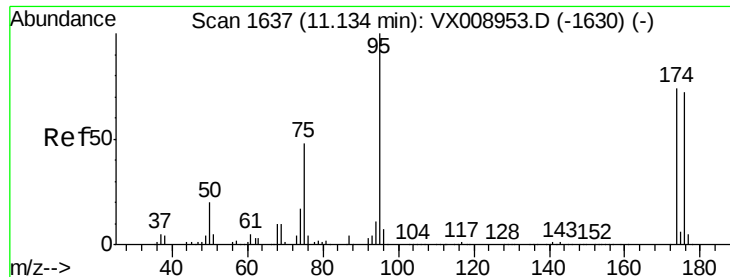
100 64.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.970 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX009046.D

Acq: 18 Apr 2019 16:08

Instrument :

MSVOA_X

ClientSampleId :

SS037MW309-190416

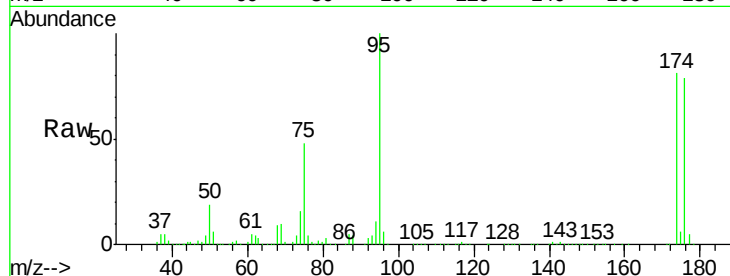
Tot Ion: 95 Resp: 162297

Ion Ratio Lower Upper

95 100

174 78.4 0.0 159.6

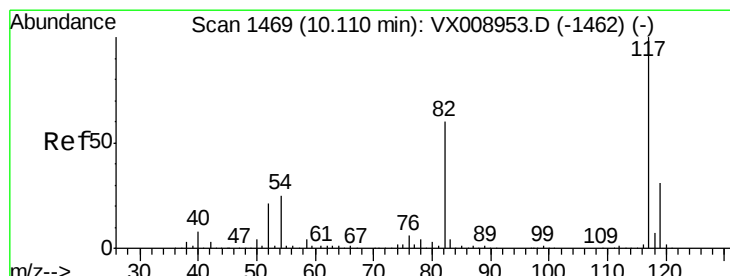
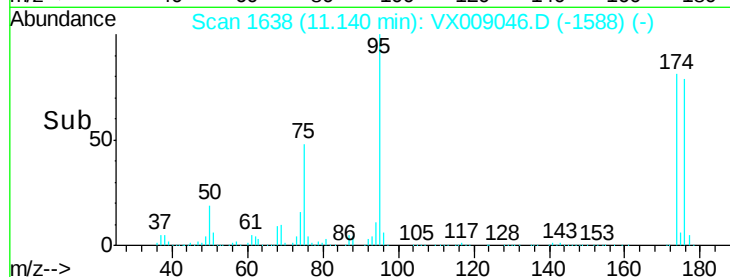
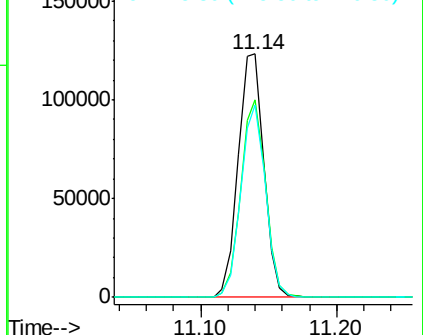
176 75.9 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX008953.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008953.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008953.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX009046.D

Acq: 18 Apr 2019 16:08

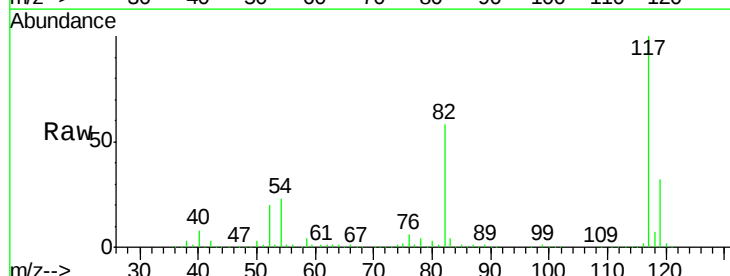
Tgt Ion: 117 Resp: 337829

Ion Ratio Lower Upper

117 100

82 58.2 48.2 72.4

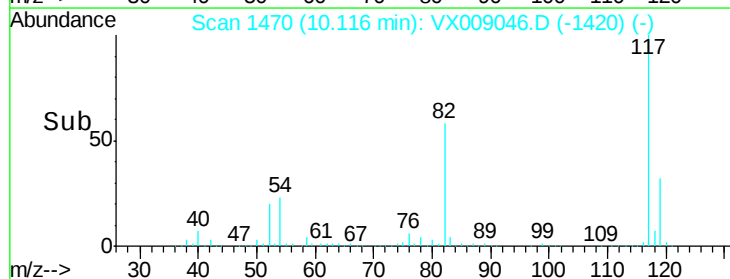
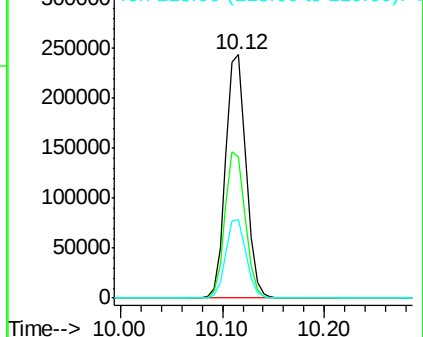
119 32.0 25.0 37.6

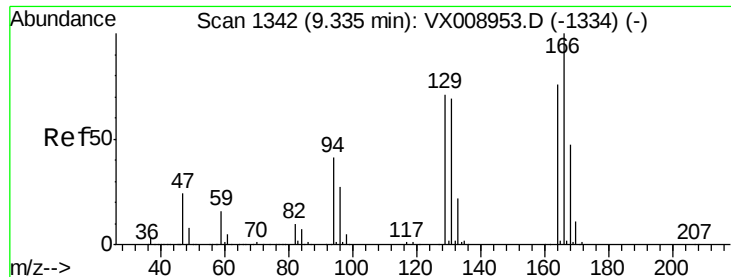


Abundance Ion 116.90 (116.60 to 117.60): VX008953.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008953.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008953.D (-1462) (-)

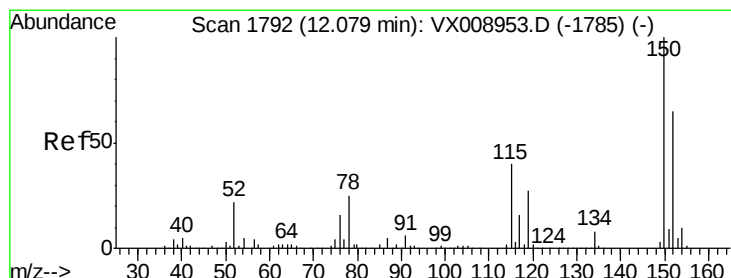
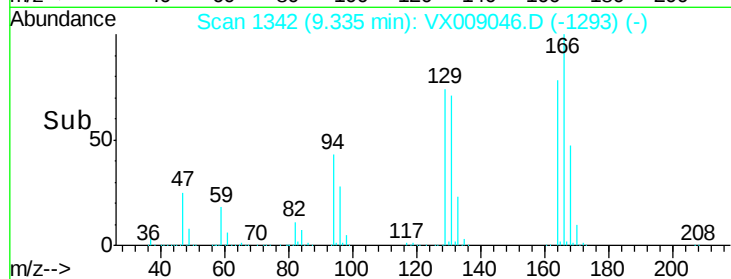
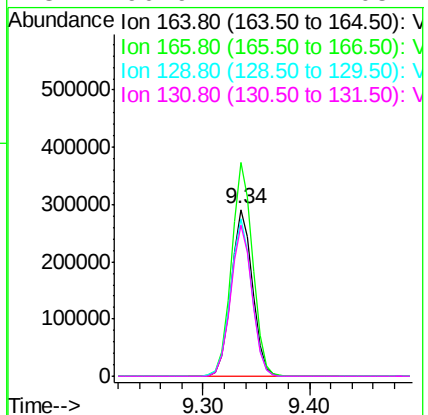
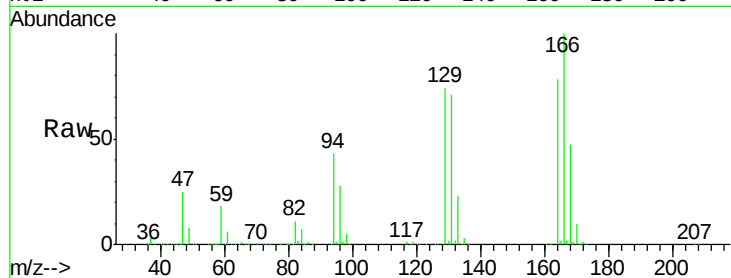




#64
Tetrachloroethene
Concen: 159.256 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009046.D
Acq: 18 Apr 2019 16:08

Instrument :
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Tot Ion	Ratio	Lower	Upper
164	100		
166	128.0	105.0	157.4
129	94.6	74.2	111.4
131	90.9	72.2	108.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009046.D
Acq: 18 Apr 2019 16:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	41.4	124.2
150	155.0	0.0	349.8

