

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041319\
 Data File : VX008945.D
 Acq On : 13 Apr 2019 20:26
 Operator : JC/SP
 Sample : K2385-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW208-190410

Quant Time: Apr 15 04:59:21 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

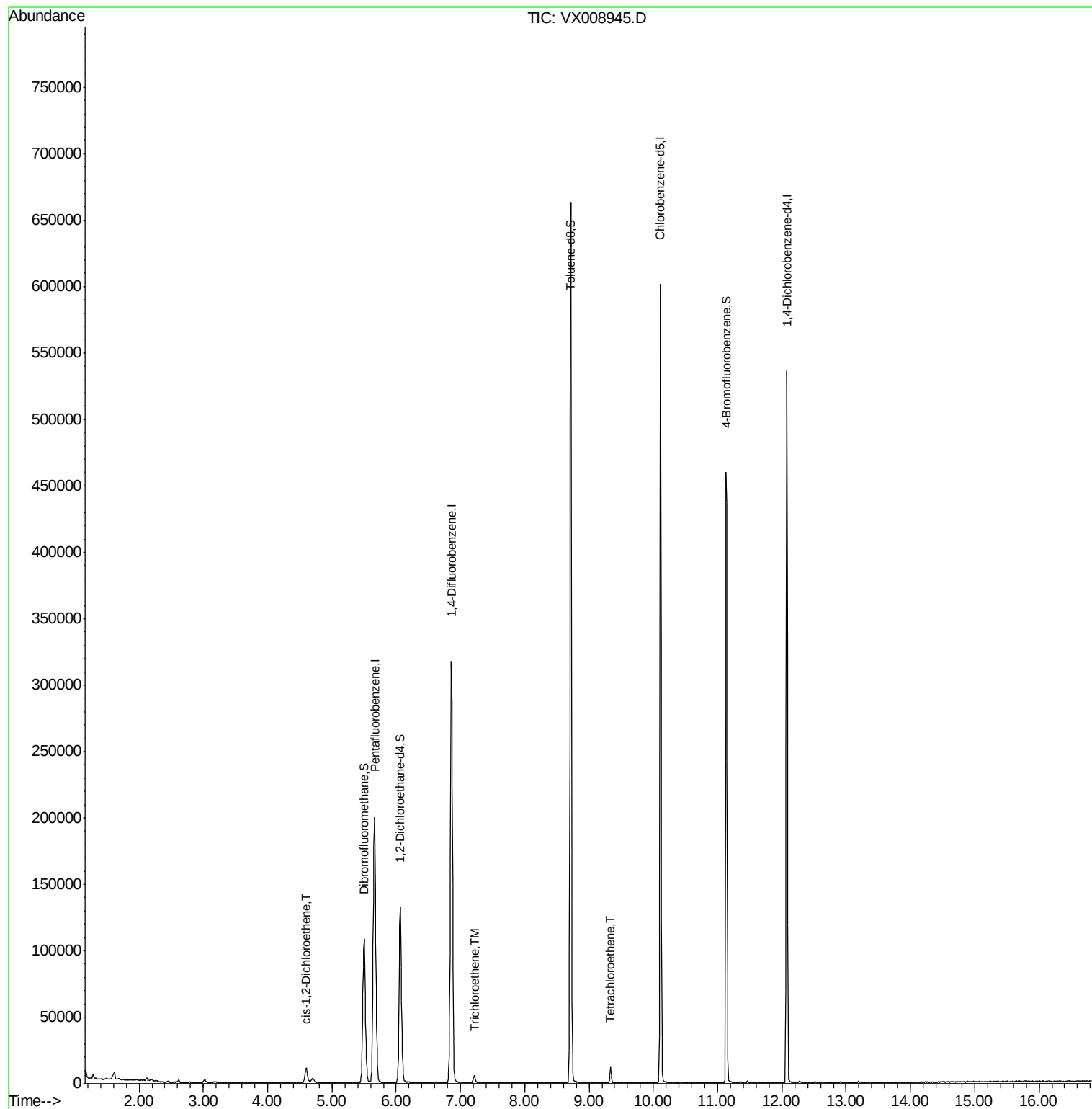
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	195091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	309076	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	263707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	106998	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125889	44.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.48%	
35) Dibromofluoromethane	5.50	113	93046	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
50) Toluene-d8	8.71	98	386756	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	11.13	95	124236	44.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.06%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	6784	2.419	ug/l	87
44) Trichloroethene	7.21	130	1933	0.825	ug/l	92
64) Tetrachloroethene	9.34	164	2246	1.150	ug/l	90

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

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ClientSampleId :

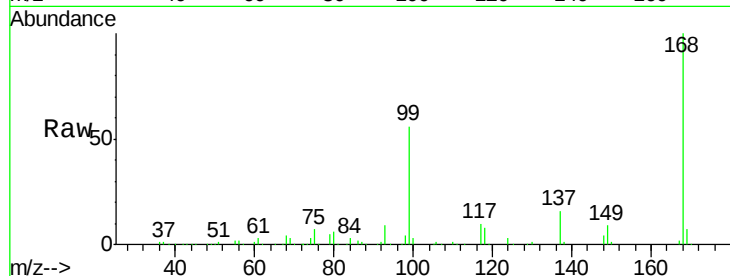
SS037MW208-190410

Tot Ion:168 Resp: 195091

Ion Ratio Lower Upper

168 100

99 56.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

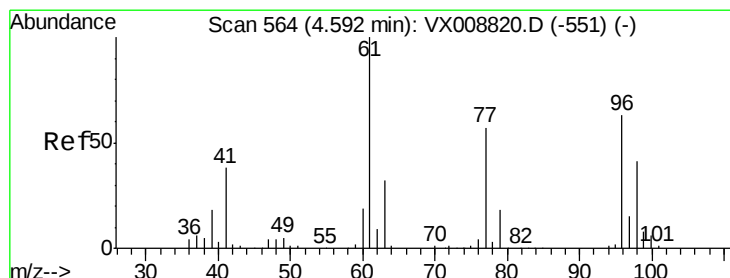
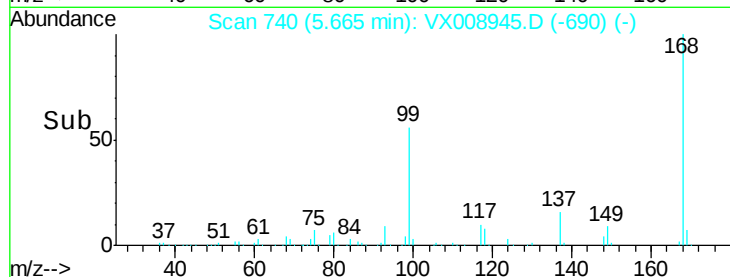
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#27

cis-1,2-Dichloroethene

Concen: 2.419 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008945.D

Acq: 13 Apr 2019 20:26

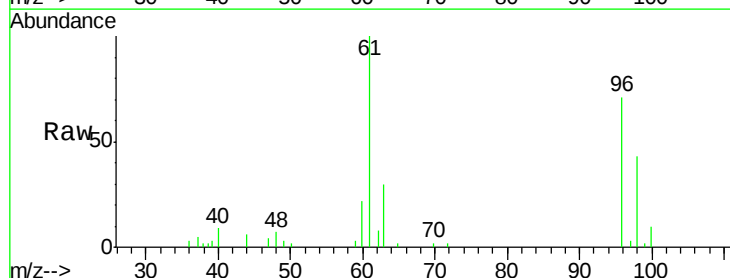
Tgt Ion: 96 Resp: 6784

Ion Ratio Lower Upper

96 100

61 141.0 0.0 327.6

98 62.8 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

4.60

4000

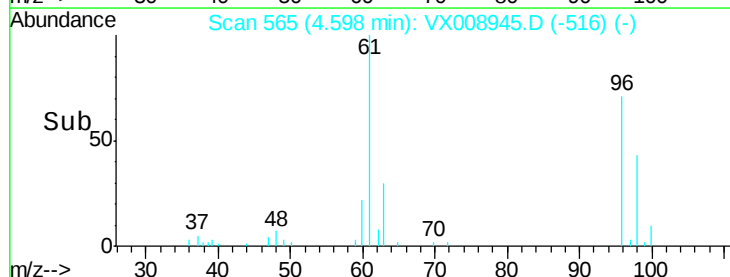
3000

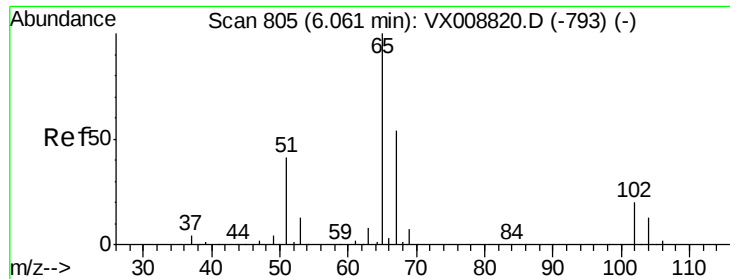
2000

1000

0

Time--> 4.50 4.55 4.60 4.65 4.70





#33

1,2-Dichloroethane-d4

Concen: 44.241 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008945.D

Acq: 13 Apr 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

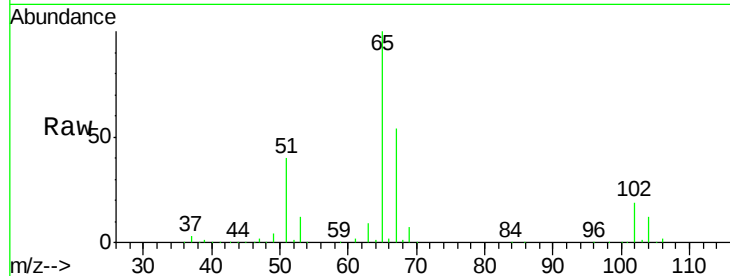
SS037MW208-190410

Tot Ion: 65 Resp: 125889

Ion Ratio Lower Upper

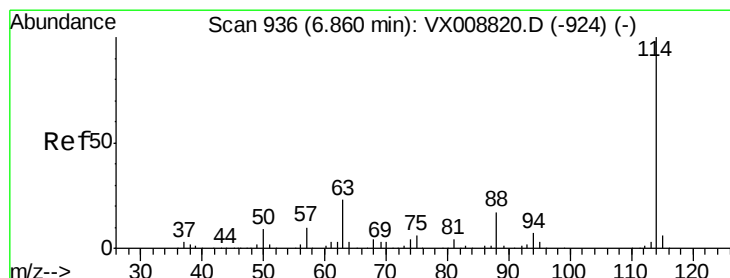
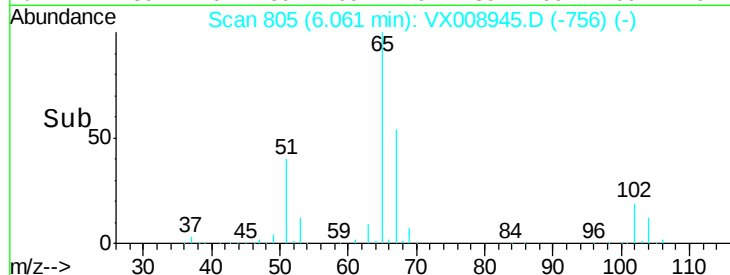
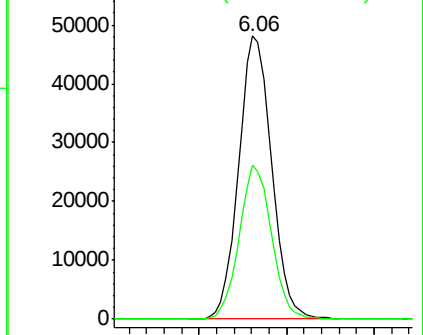
65 100

67 53.5 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: VX008945.D

Acq: 13 Apr 2019 20:26

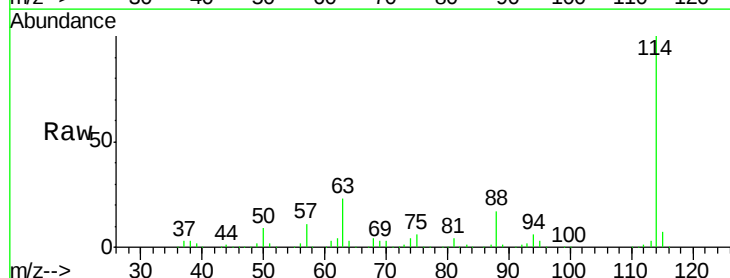
Tgt Ion: 114 Resp: 309076

Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.2

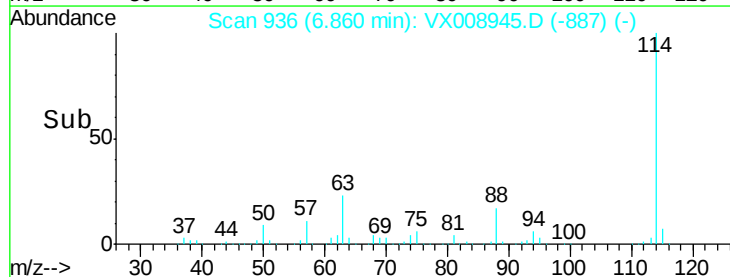
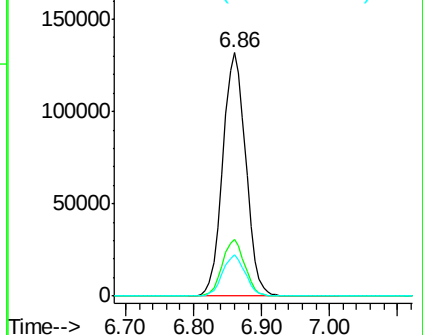
88 16.9 0.0 34.0

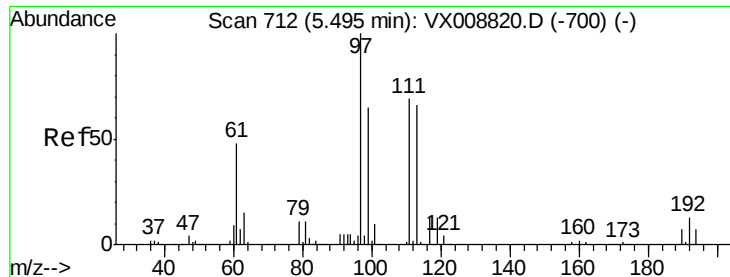


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

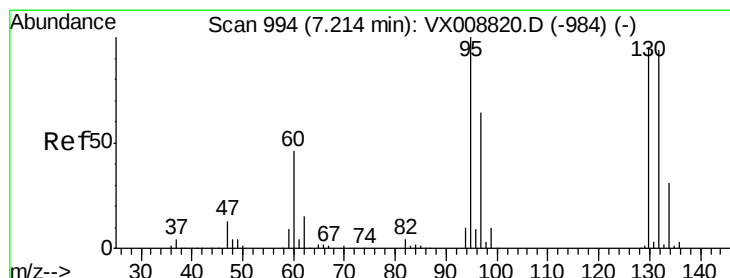
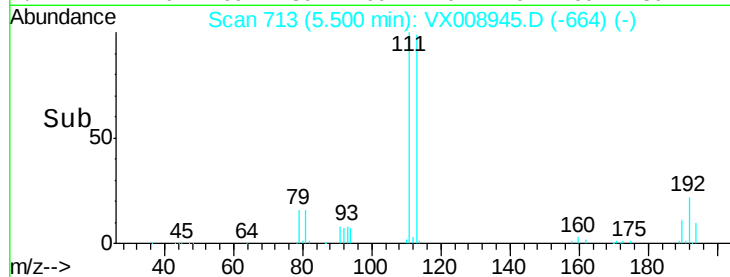
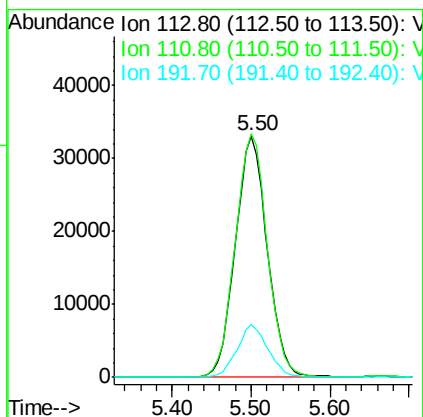
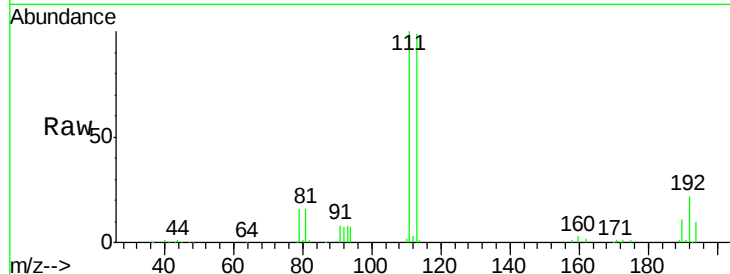




#35
 Dibromofluoromethane
 Concen: 47.085 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008945.D
 Acq: 13 Apr 2019 20:26

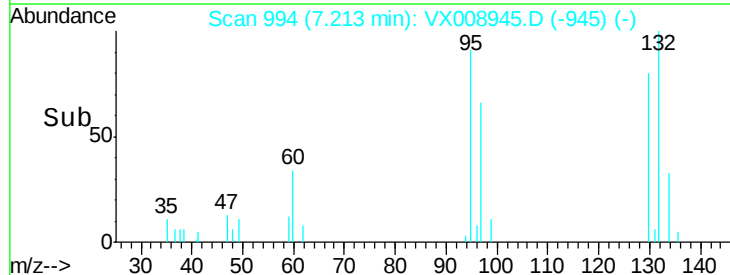
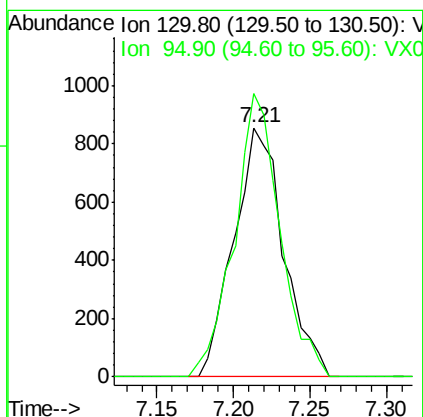
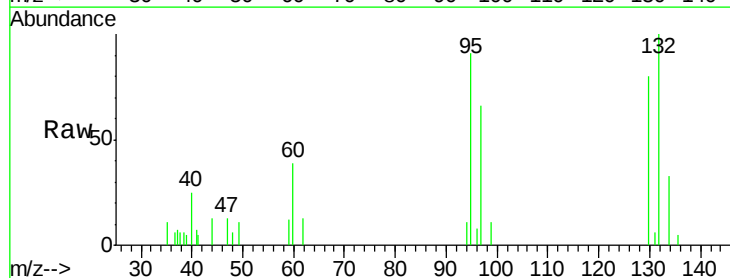
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW208-190410

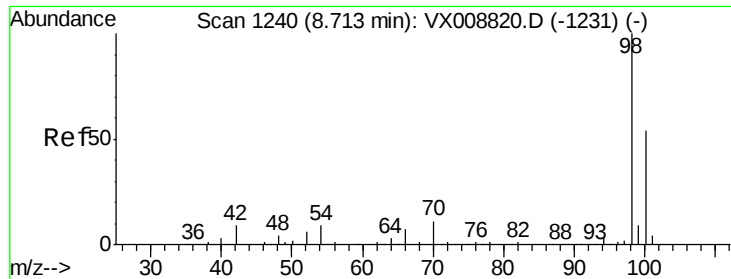
Tot Ion:113 Resp: 93046
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.4 125.2
 192 21.3 16.1 24.1



#44
 Trichloroethene
 Concen: 0.825 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008945.D
 Acq: 13 Apr 2019 20:26

Tgt Ion:130 Resp: 1933
 Ion Ratio Lower Upper
 130 100
 95 113.6 0.0 209.8

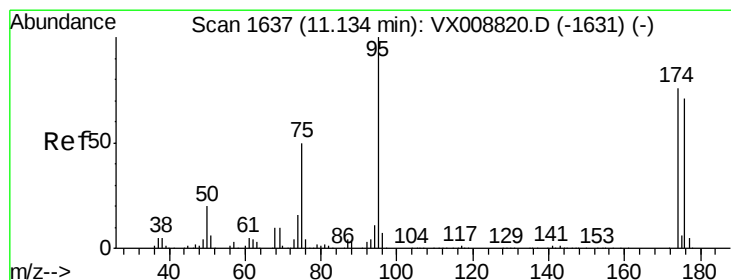
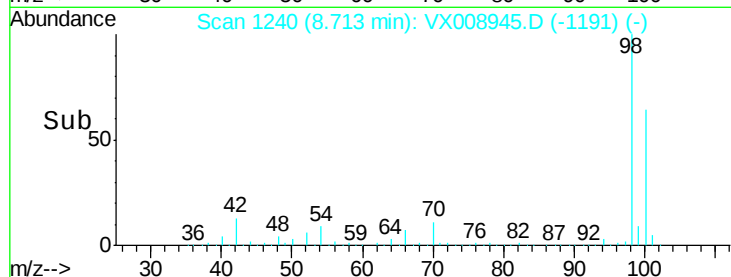
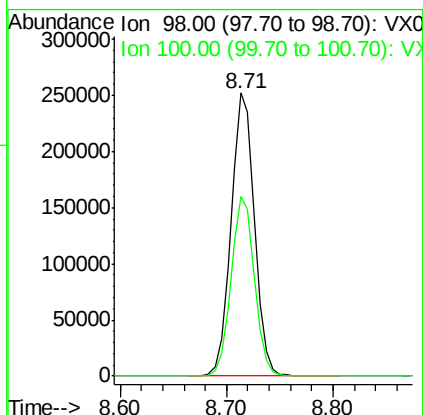
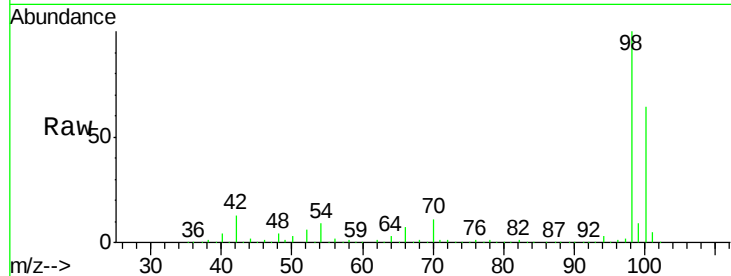




#50
Toluene-d8
Concen: 49.153 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008945.D
Acq: 13 Apr 2019 20:26

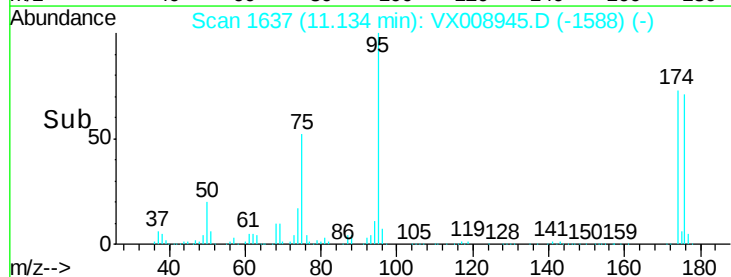
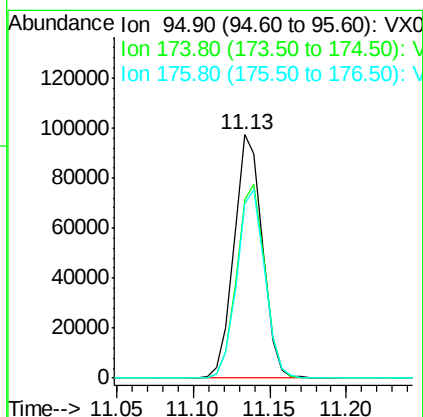
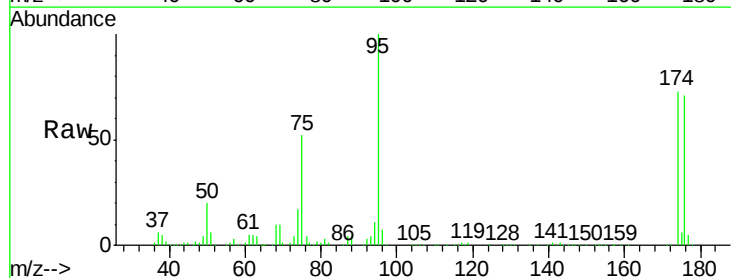
Instrument :
MSVOA_X
ClientSampleId :
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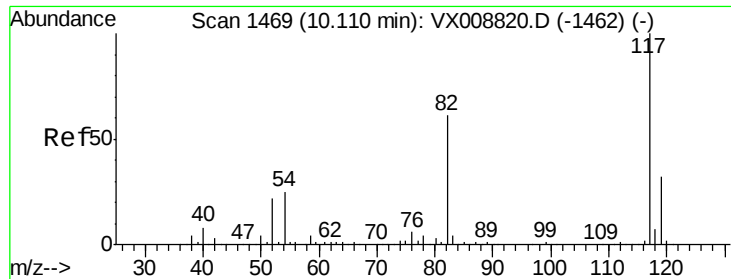
Tot Ion: 98 Resp: 386756
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 44.525 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008945.D
Acq: 13 Apr 2019 20:26

Tgt Ion: 95 Resp: 124236
Ion Ratio Lower Upper
95 100
174 79.3 0.0 151.8
176 76.8 0.0 145.8

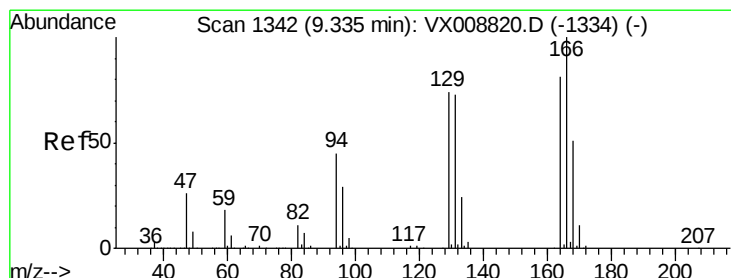
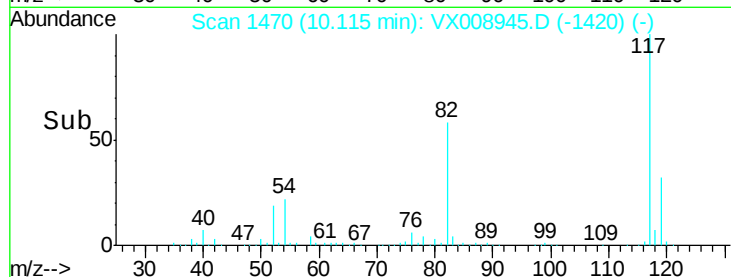
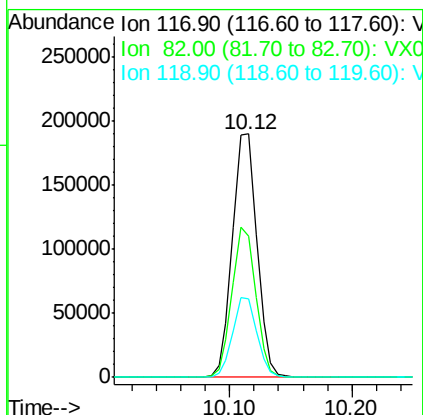
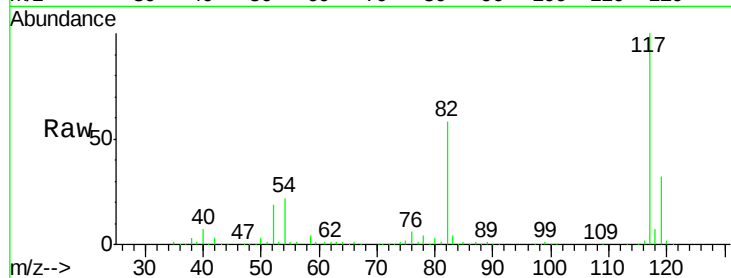




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008945.D
Acq: 13 Apr 2019 20:26

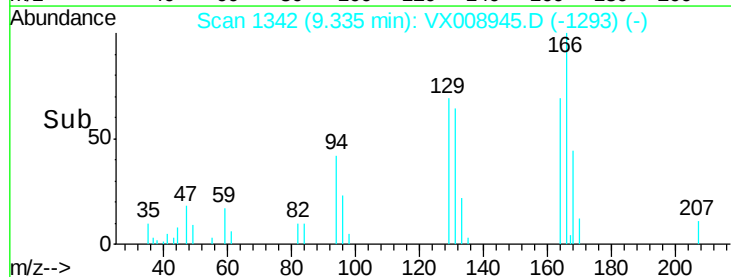
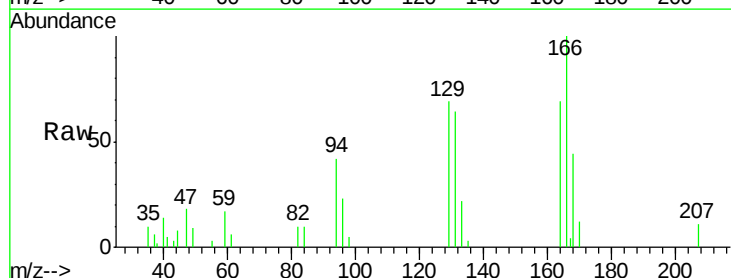
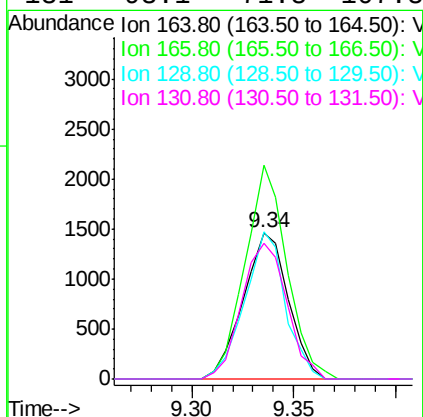
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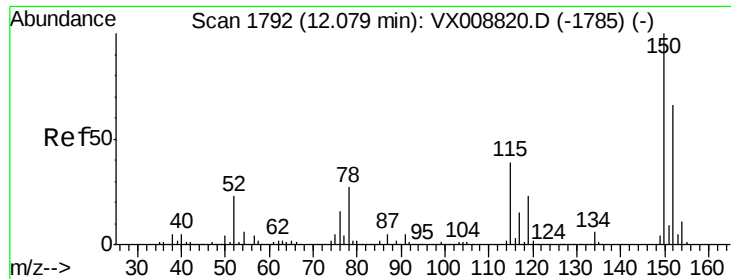
Tot Ion:117 Resp: 263707
Ion Ratio Lower Upper
117 100
82 57.9 49.6 74.4
119 32.4 25.0 37.4



#64
Tetrachloroethene
Concen: 1.150 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008945.D
Acq: 13 Apr 2019 20:26

Tgt Ion:164 Resp: 2246
Ion Ratio Lower Upper
164 100
166 145.9 101.0 151.6
129 100.5 75.8 113.8
131 93.1 71.8 107.8

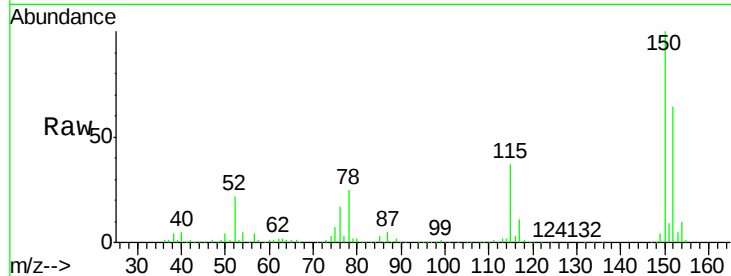




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX008945.D
 Acq: 13 Apr 2019 20:26

Instrument :
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Tot Ion	Ratio	Lower	Upper
152	100		
115	59.3	43.5	130.5
150	157.8	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

