

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
 Data File : VX004780.D
 Acq On : 27 Sep 2018 17:57
 Operator : JC/MD
 Sample : J5048-12 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-144-SEP18

Quant Time: Sep 28 07:16:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

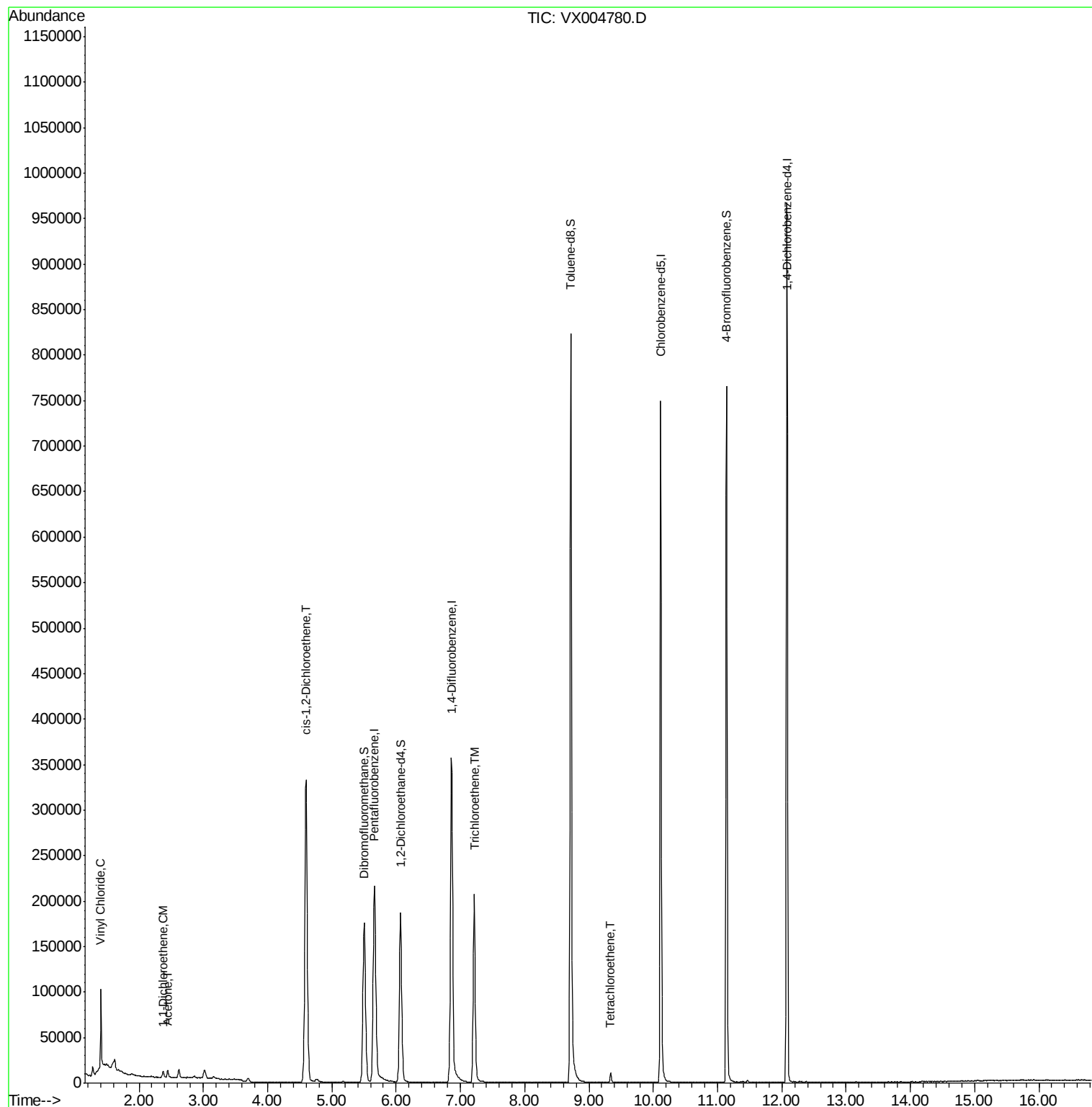
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	236310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	376475	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	364008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199549	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	177807	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
35) Dibromofluoromethane	5.50	113	148484	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.08%	
50) Toluene-d8	8.71	98	541999	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	11.14	95	193281	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
Target Compounds						
4) Vinyl Chloride	1.40	62	55808	15.222	ug/l	96
12) 1,1-Dichloroethene	2.37	96	2199	0.859	ug/l	99
16) Acetone	2.45	43	8459	4.292	ug/l	90
27) cis-1,2-Dichloroethene	4.60	96	212796	67.959	ug/l	95
44) Trichloroethene	7.21	130	82768	24.704	ug/l	89
64) Tetrachloroethene	9.34	164	2295	0.641	ug/l	91

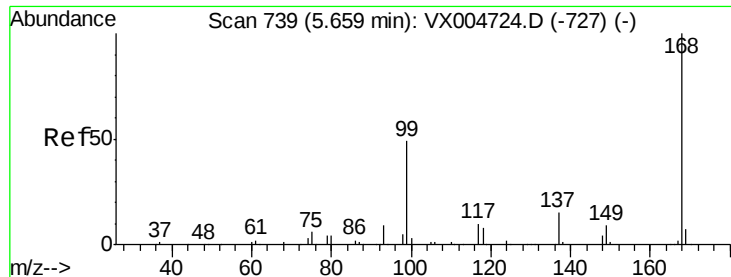
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX004780.D

Acq: 27 Sep 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

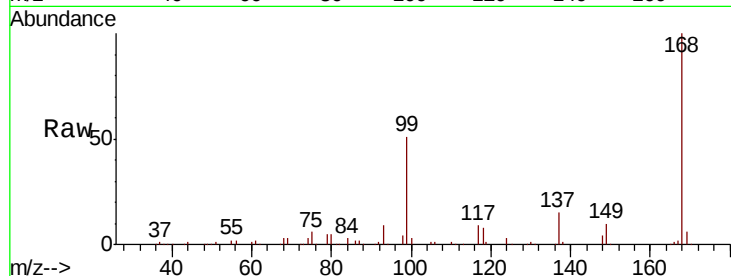
MW-144-SEP18

Tot Ion:168 Resp: 236310

Ion Ratio Lower Upper

168 100

99 51.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

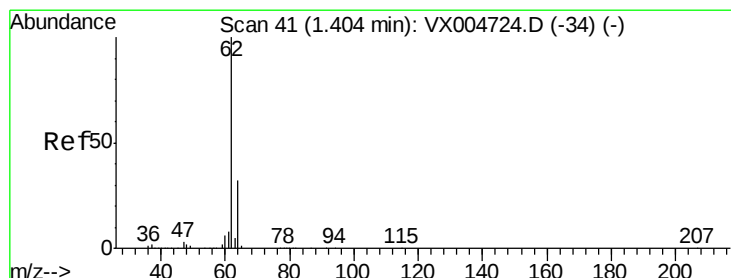
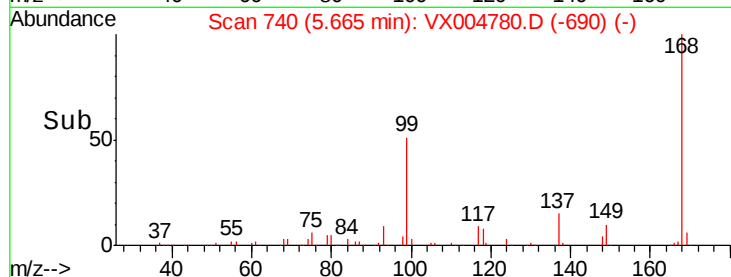
40000

20000

0

5.60 5.80 6.00

Time-->



#4

Vinyl Chloride

Concen: 15.222 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004780.D

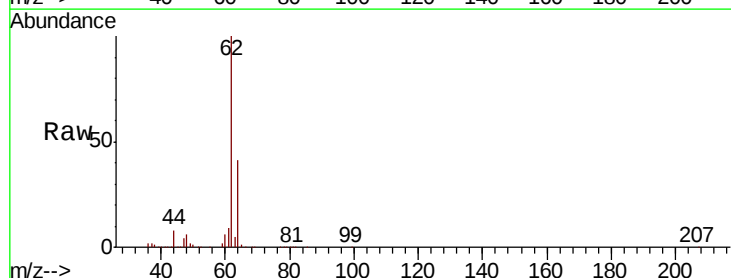
Acq: 27 Sep 2018 17:57

Tgt Ion: 62 Resp: 55808

Ion Ratio Lower Upper

62 100

64 30.0 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

60000

50000

40000

30000

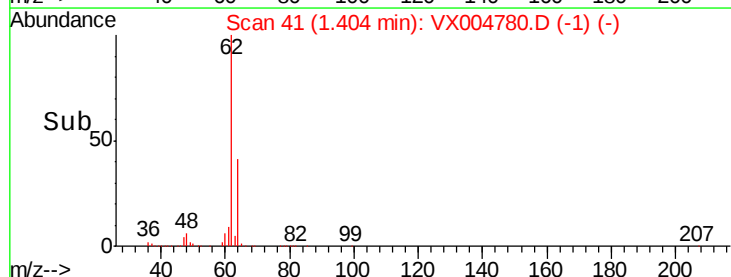
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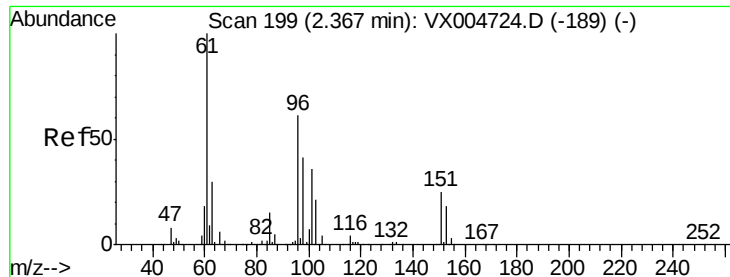
10000

0

1.35 1.40 1.45 1.50

Time-->





#12

1,1-Dichloroethene

Concen: 0.859 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX004780.D

Acq: 27 Sep 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

MW-144-SEP18

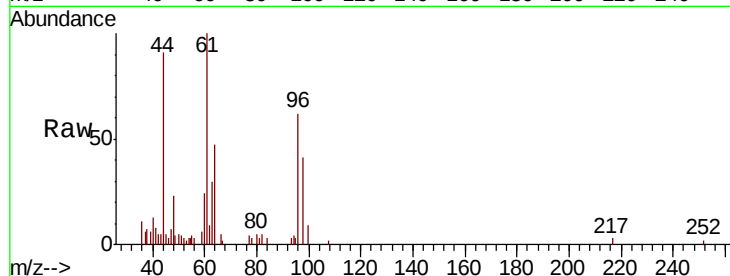
Tot Ion: 96 Resp: 2199

Ion Ratio Lower Upper

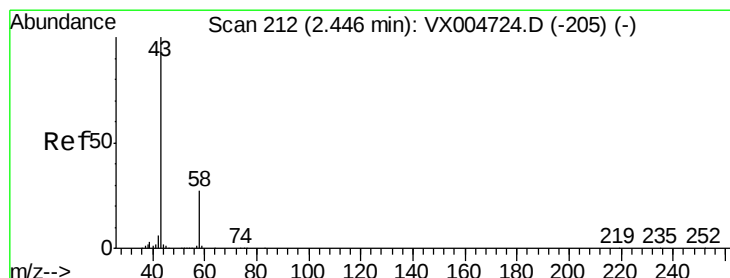
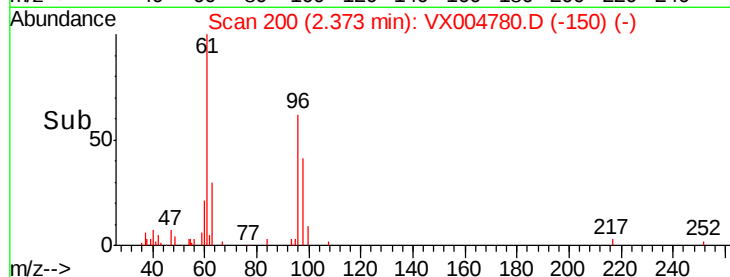
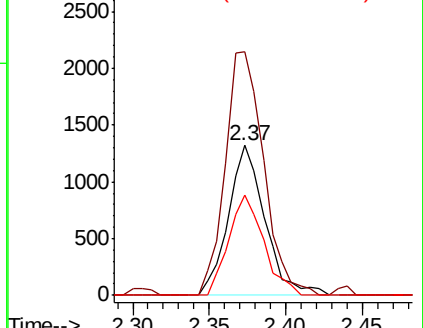
96 100

61 162.5 128.8 193.2

98 66.8 52.2 78.2



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



#16

Acetone

Concen: 4.292 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004780.D

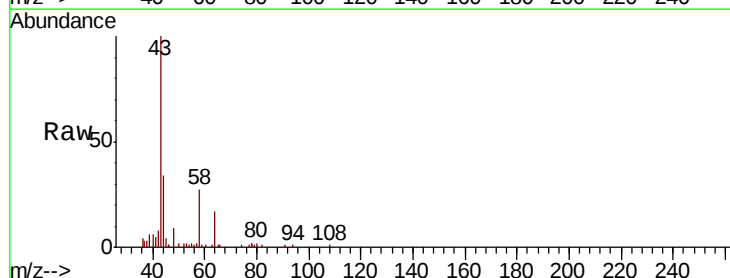
Acq: 27 Sep 2018 17:57

Tgt Ion: 43 Resp: 8459

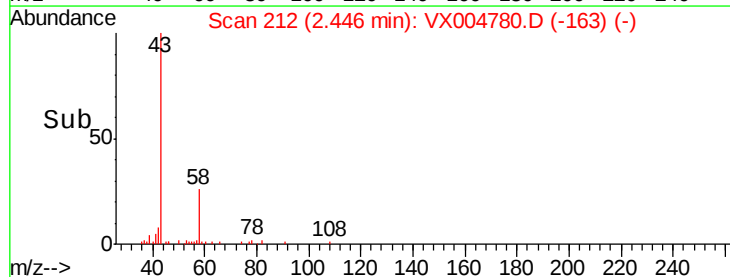
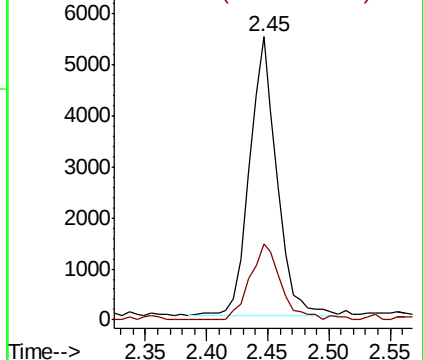
Ion Ratio Lower Upper

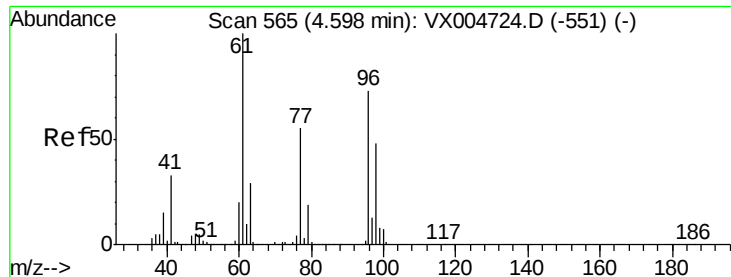
43 100

58 27.1 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



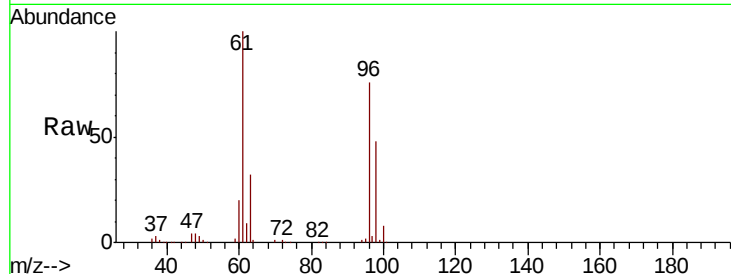


#27

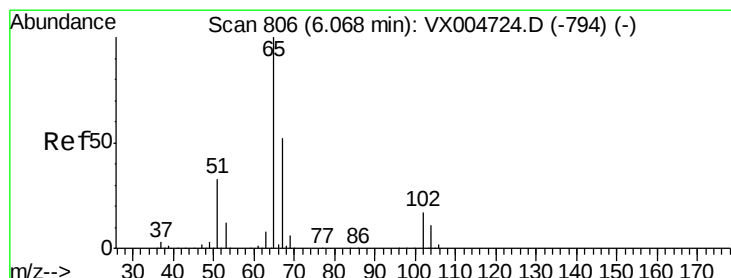
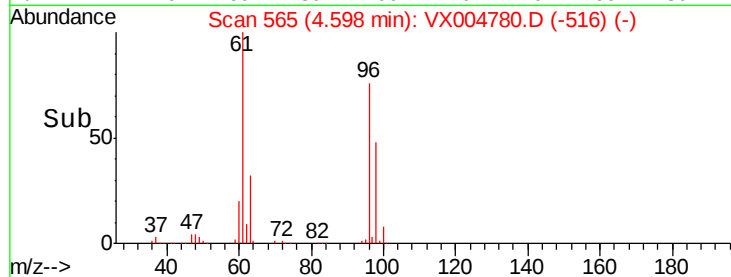
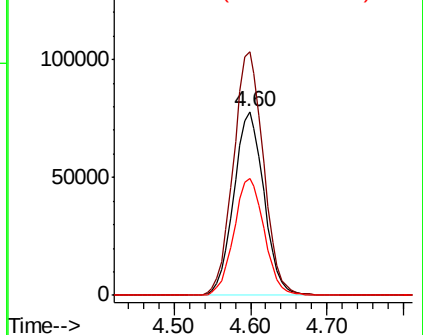
cis-1,2-Dichloroethene
 Concen: 67.959 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX004780.D
 Acq: 27 Sep 2018 17:57

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-144-SEP18

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.0	0.0	282.6
98	64.2	0.0	130.2



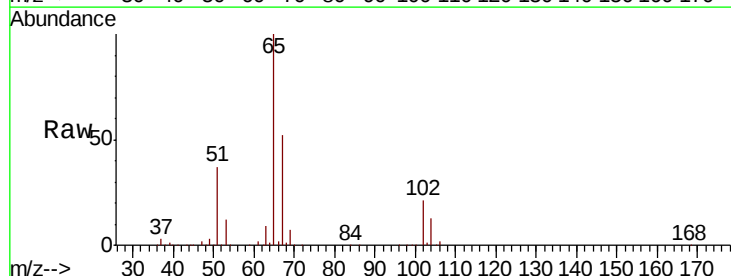
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



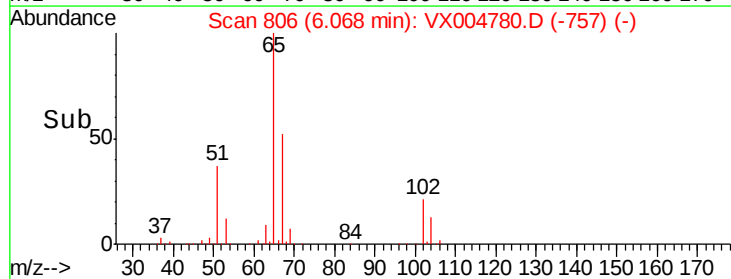
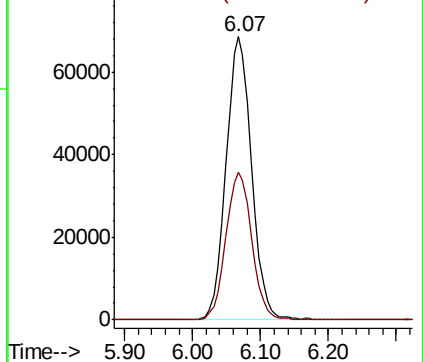
#33

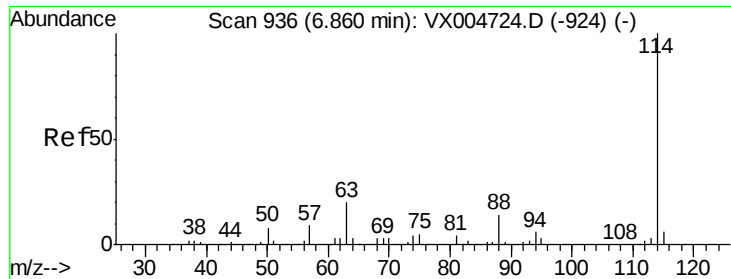
1,2-Dichloroethane-d4
 Concen: 52.673 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004780.D
 Acq: 27 Sep 2018 17:57

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

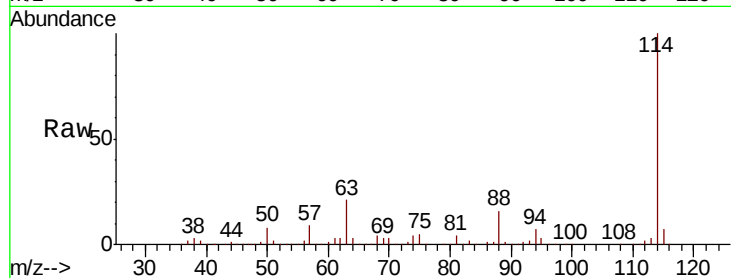




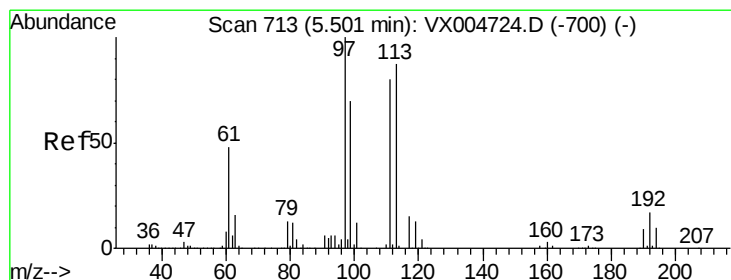
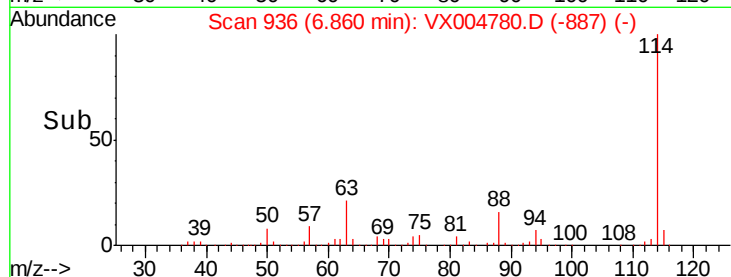
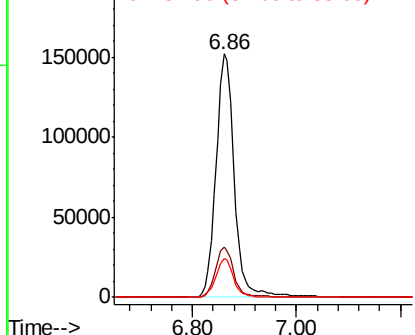
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004780.D
 Acq: 27 Sep 2018 17:57

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-144-SEP18

Tot Ion:114 Resp: 376475
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.0
 88 16.0 0.0 30.4

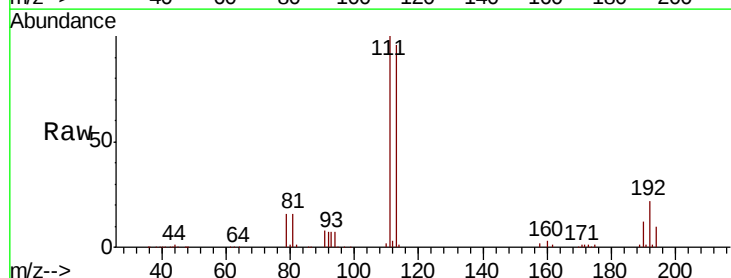


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

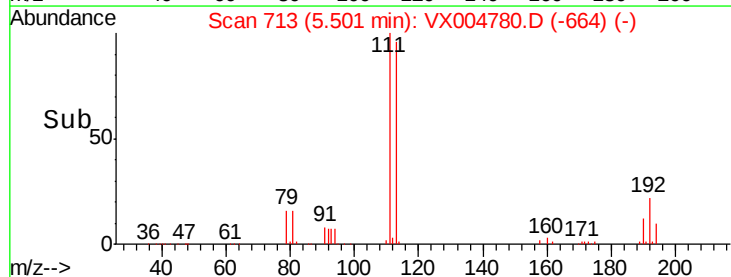
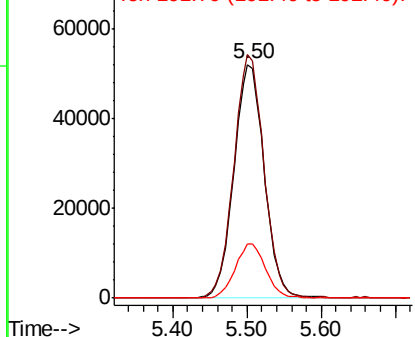


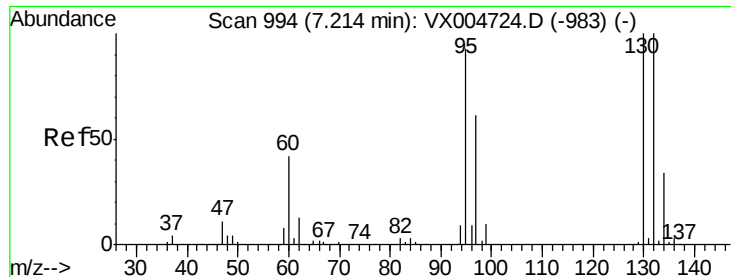
#35
 Dibromofluoromethane
 Concen: 46.537 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004780.D
 Acq: 27 Sep 2018 17:57

Tgt Ion:113 Resp: 148484
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.4 123.6
 192 23.2 19.4 29.2



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: 24.704 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004780.D

Acq: 27 Sep 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

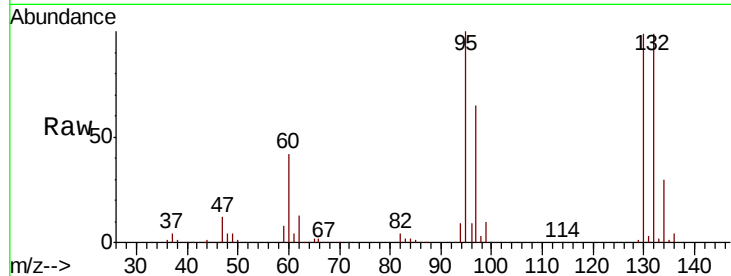
MW-144-SEP18

Tot Ion:130 Resp: 82768

Ion Ratio Lower Upper

130 100

95 100.9 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

40000

30000

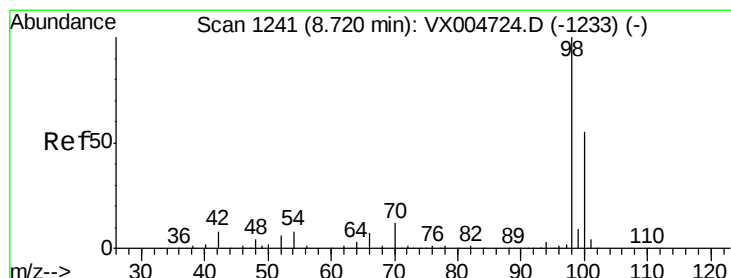
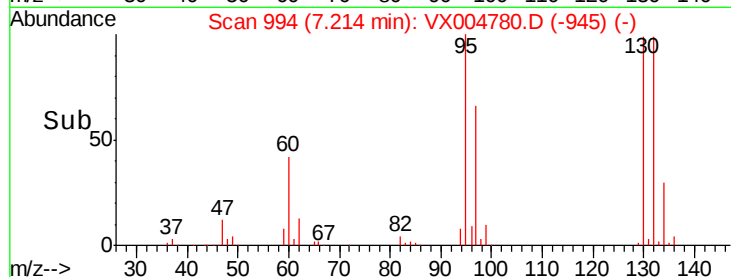
20000

10000

0

7.10 7.20 7.30 7.40

Time-->



#50

Toluene-d8

Concen: 51.096 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004780.D

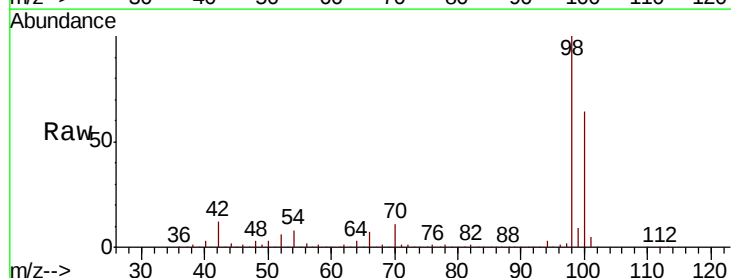
Acq: 27 Sep 2018 17:57

Tgt Ion: 98 Resp: 541999

Ion Ratio Lower Upper

98 100

100 63.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

300000

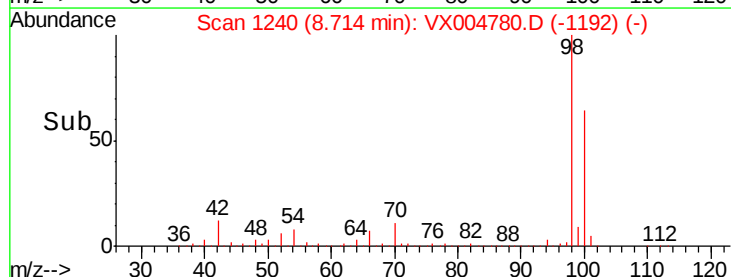
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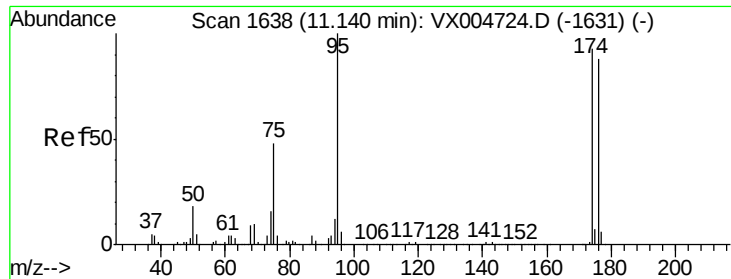
100000

0

8.60 8.80 9.00

Time-->

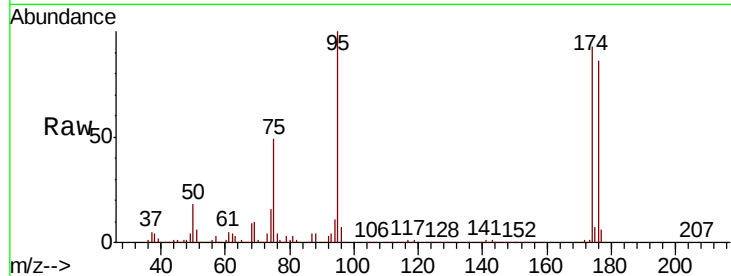




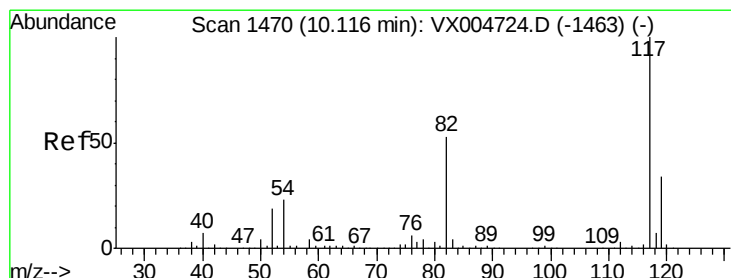
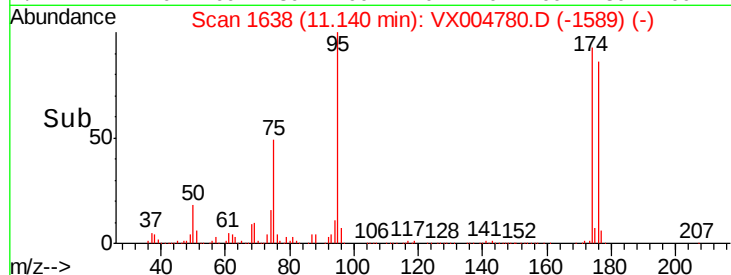
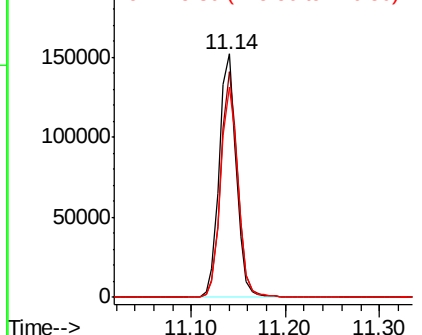
#62
4-Bromofluorobenzene
Concen: 50.579 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW-144-SEP18

Tot Ion: 95 Resp: 193281
Ion Ratio Lower Upper
95 100
174 91.8 0.0 185.2
176 87.7 0.0 178.6

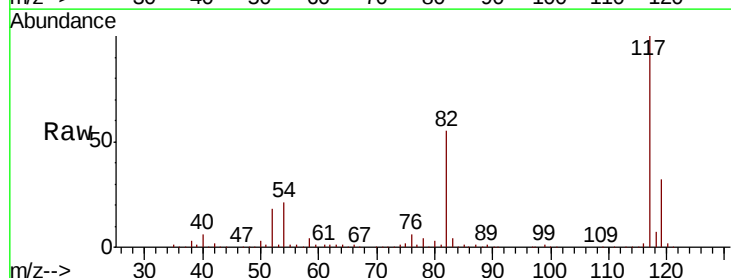


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

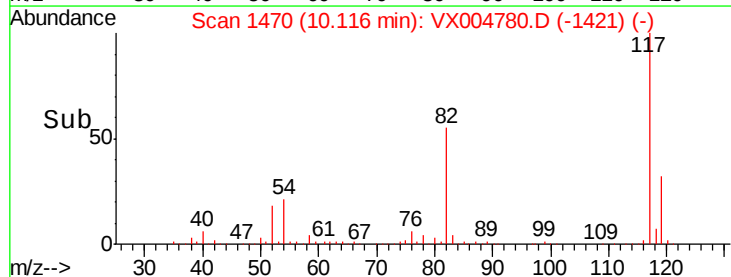
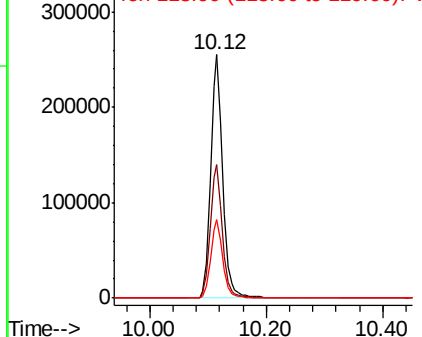


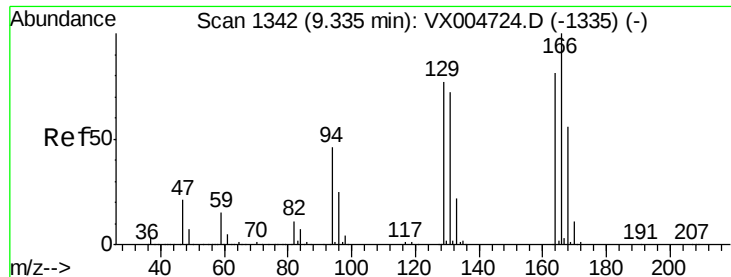
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Tgt Ion: 117 Resp: 364008
Ion Ratio Lower Upper
117 100
82 55.1 47.8 71.6
119 32.0 29.3 43.9



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: 0.641 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX004780.D

Acq: 27 Sep 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

MW-144-SEP18

Tot Ion:164 Resp: 2295

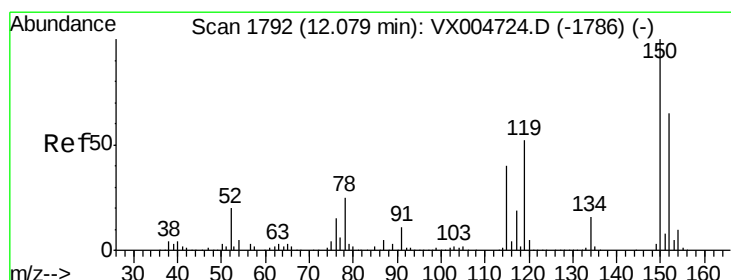
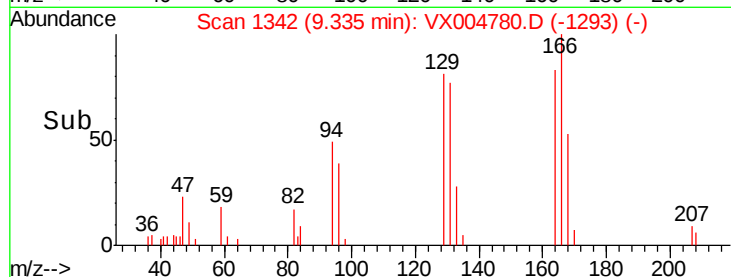
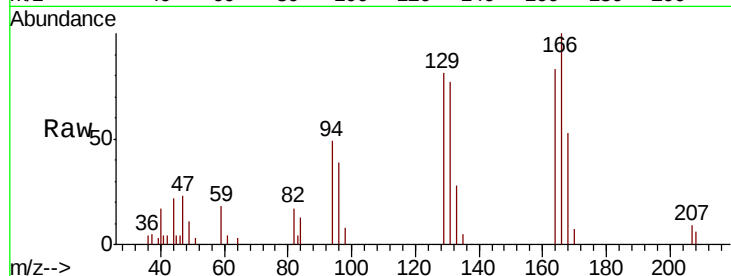
Ion Ratio Lower Upper

164 100

166 120.2 102.8 154.2

129 96.8 69.4 104.0

131 92.3 67.9 101.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004780.D

Acq: 27 Sep 2018 17:57

Tgt Ion:152 Resp: 199549

Ion Ratio Lower Upper

152 100

115 56.0 39.0 117.0

150 156.9 0.0 351.0

