

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
 Data File : VX004776.D
 Acq On : 27 Sep 2018 16:10
 Operator : JC/MD
 Sample : J5048-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-80-SEP18

Quant Time: Sep 28 12:58:41 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

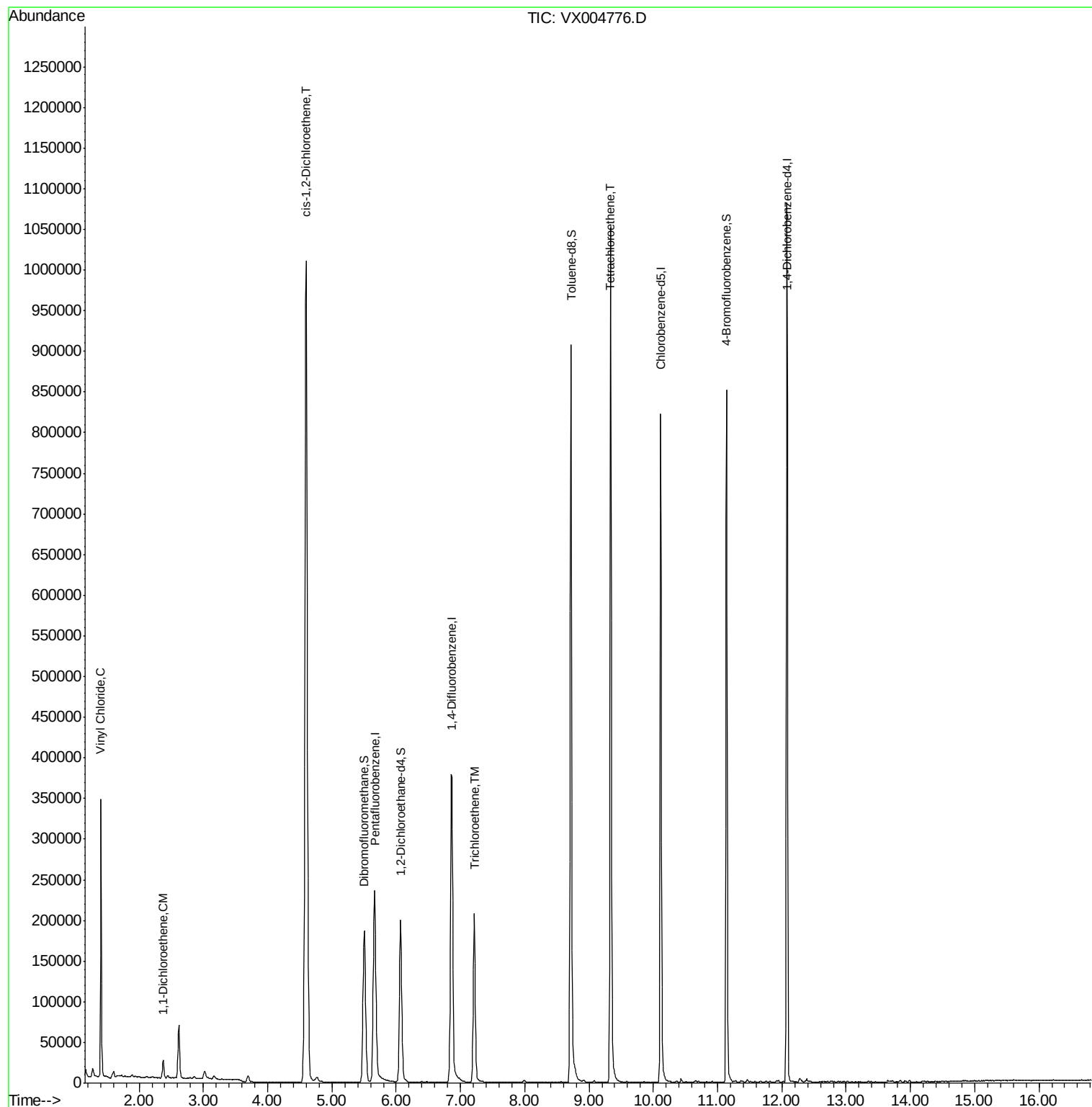
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	253183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	409039	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	397557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	218464	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	188987	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
35) Dibromofluoromethane	5.51	113	159367	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.94%	
50) Toluene-d8	8.72	98	586701	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.14	95	212696	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
Target Compounds						
4) Vinyl Chloride	1.40	62	219463	55.870	ug/l	99
12) 1,1-Dichloroethene	2.37	96	7436	2.711	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	646837	192.808	ug/l	94
44) Trichloroethene	7.21	130	83889	23.045	ug/l	97
64) Tetrachloroethene	9.33	164	227460	58.132	ug/l	97

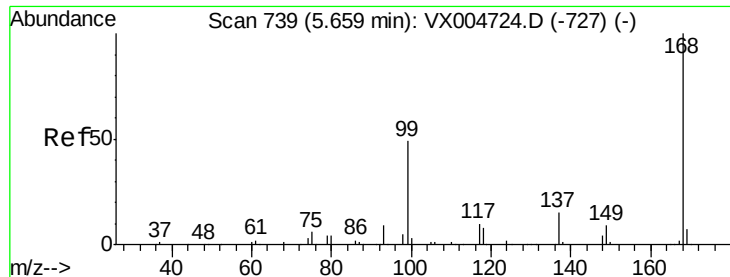
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004776.D

Acq: 27 Sep 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

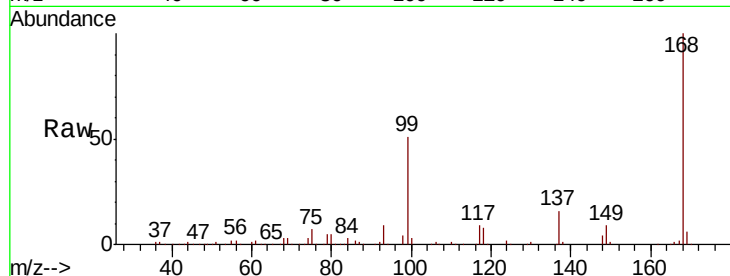
MW-80-SEP18

Tot Ion:168 Resp: 253183

Ion Ratio Lower Upper

168 100

99 51.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

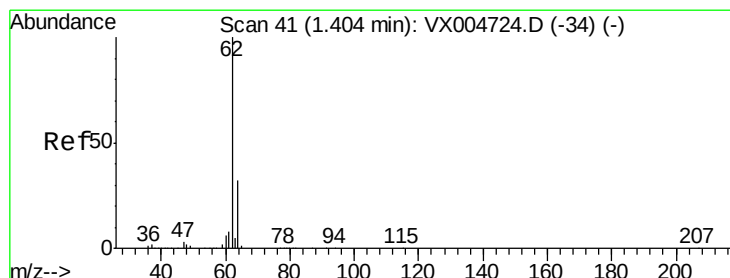
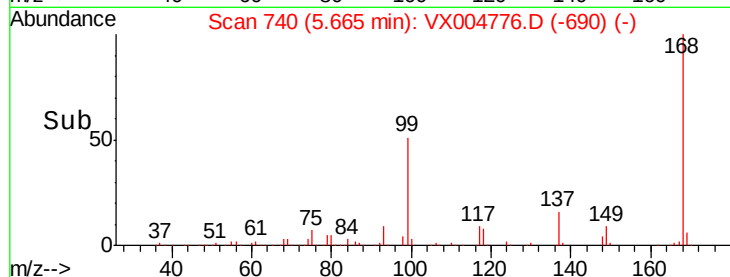
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#4

Vinyl Chloride

Concen: 55.870 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004776.D

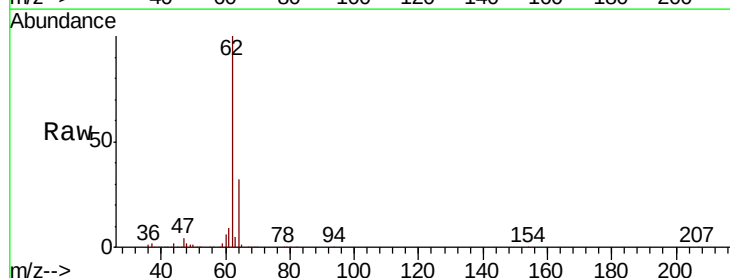
Acq: 27 Sep 2018 16:10

Tgt Ion: 62 Resp: 219463

Ion Ratio Lower Upper

62 100

64 31.9 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

200000

150000

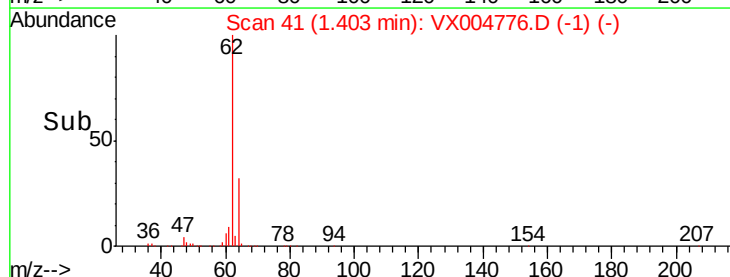
100000

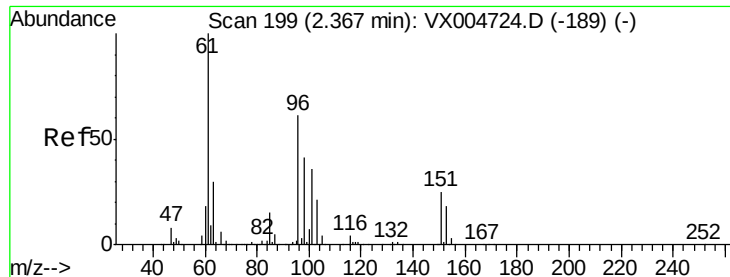
50000

0

Time-->

1.30 1.35 1.40 1.45 1.50





#12

1,1-Dichloroethene

Concen: 2.711 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX004776.D

Acq: 27 Sep 2018 16:10

Instrument :

MSVOA_X

ClientSampled :

MW-80-SEP18

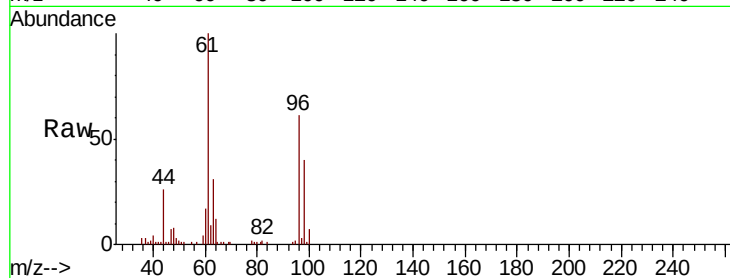
Tot Ion: 96 Resp: 7436

Ion Ratio Lower Upper

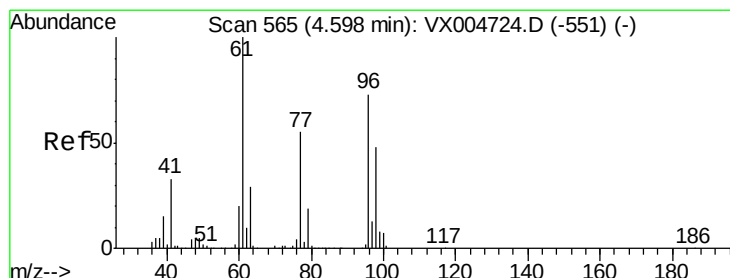
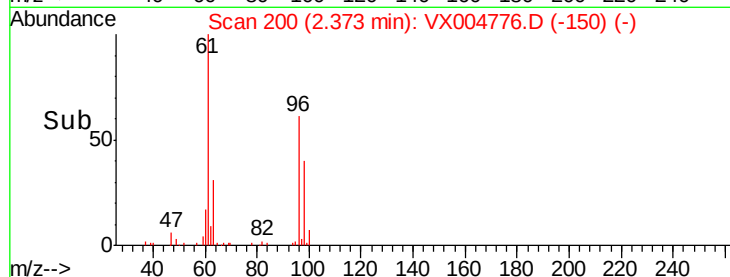
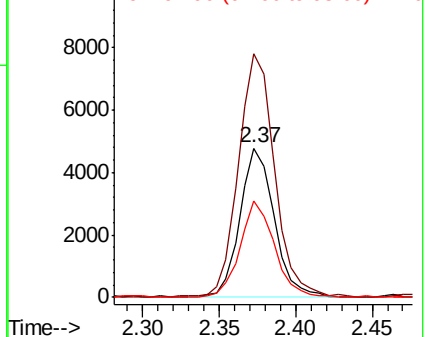
96 100

61 161.7 128.8 193.2

98 64.7 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



#27

cis-1,2-Dichloroethene

Concen: 192.808 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX004776.D

Acq: 27 Sep 2018 16:10

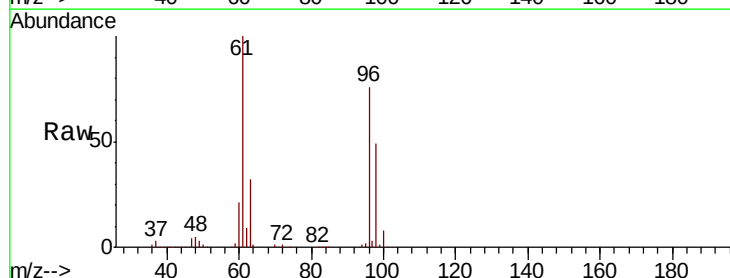
Tgt Ion: 96 Resp: 646837

Ion Ratio Lower Upper

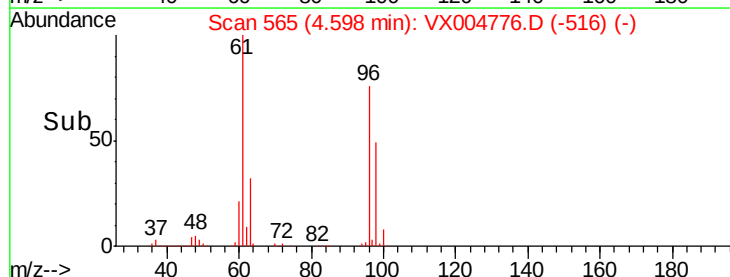
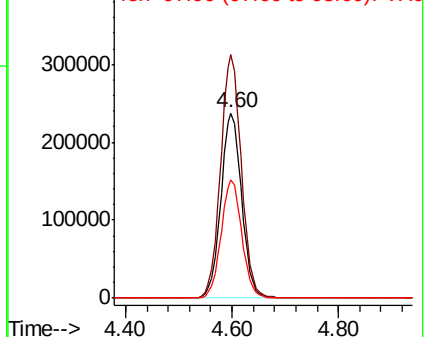
96 100

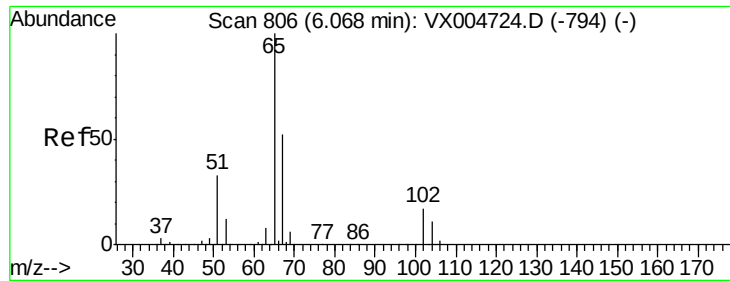
61 131.6 0.0 282.6

98 64.0 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: 52.254 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004776.D

Acq: 27 Sep 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

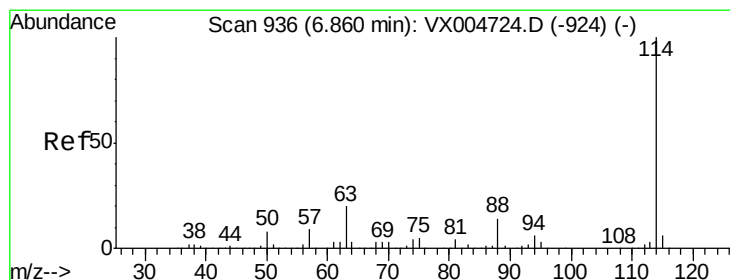
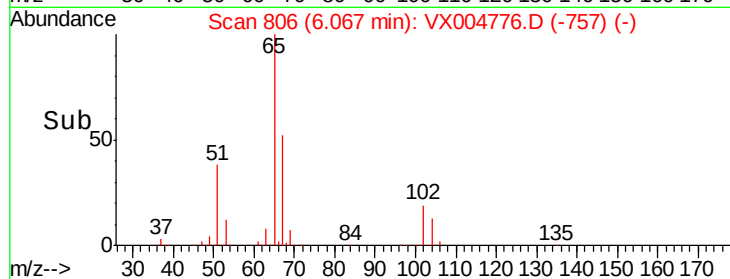
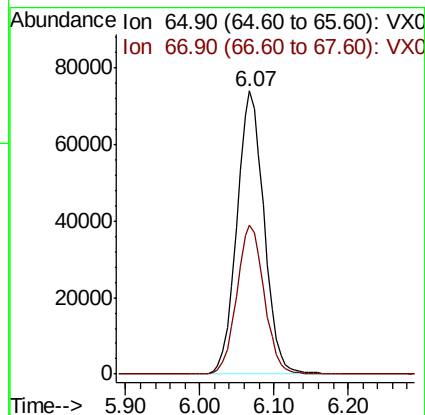
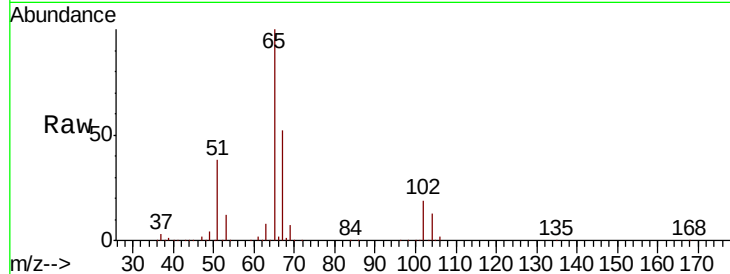
MW-80-SEP18

Tot Ion: 65 Resp: 188987

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX004776.D

Acq: 27 Sep 2018 16:10

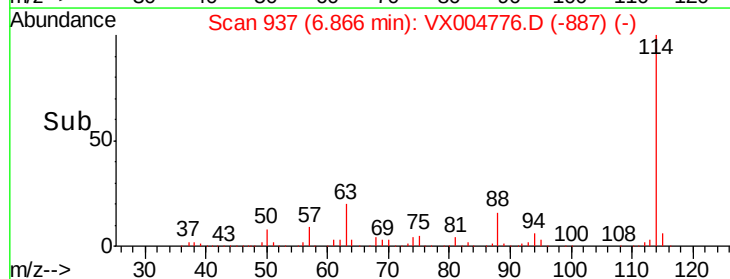
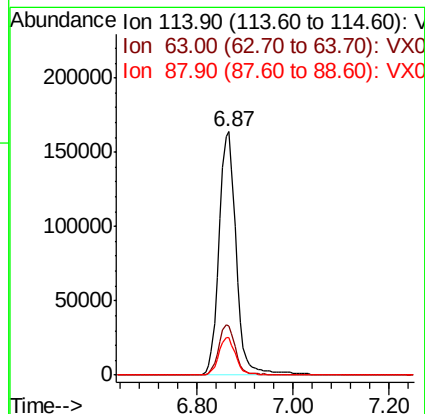
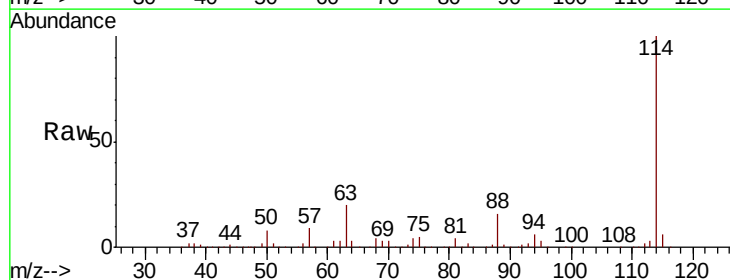
Tgt Ion: 114 Resp: 409039

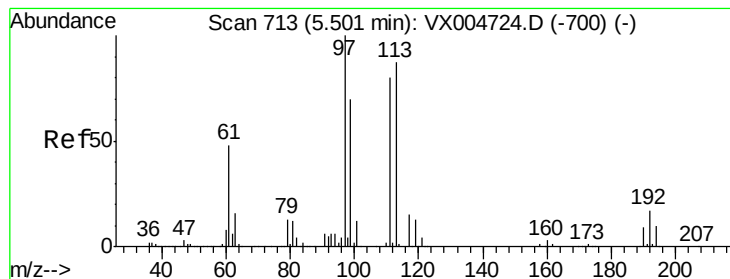
Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.0

88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 45.971 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004776.D

Acq: 27 Sep 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

MW-80-SEP18

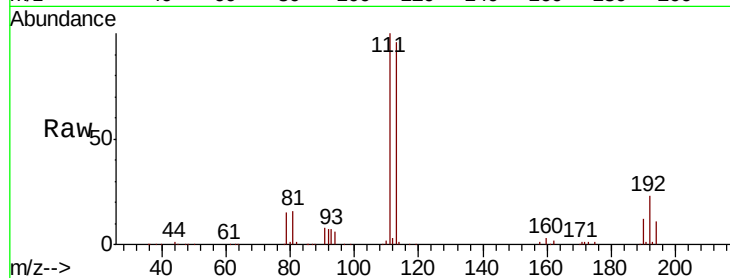
Tot Ion:113 Resp: 159367

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

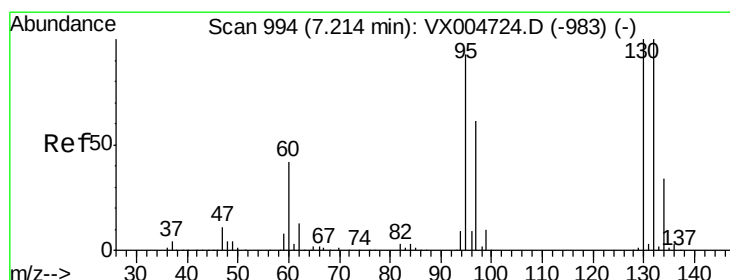
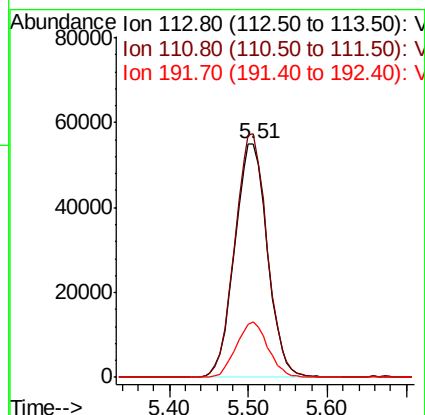
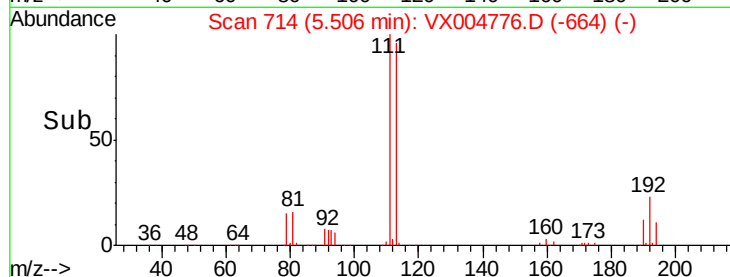
192 23.2 19.4 29.2



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: 23.045 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004776.D

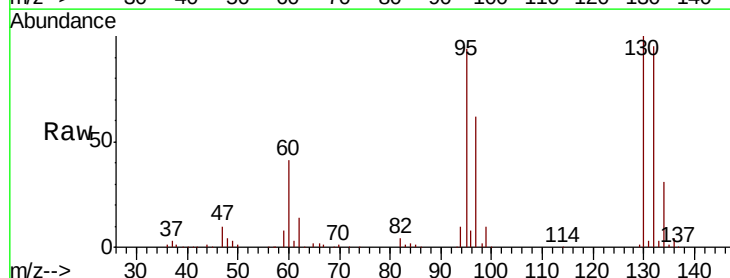
Acq: 27 Sep 2018 16:10

Tgt Ion:130 Resp: 83889

Ion Ratio Lower Upper

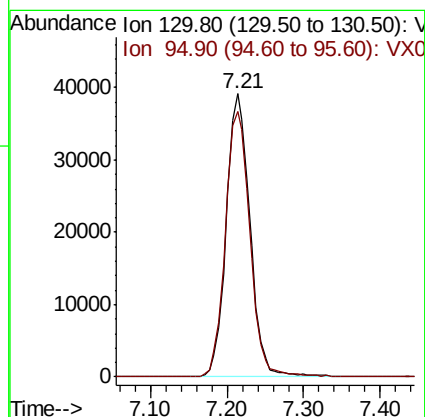
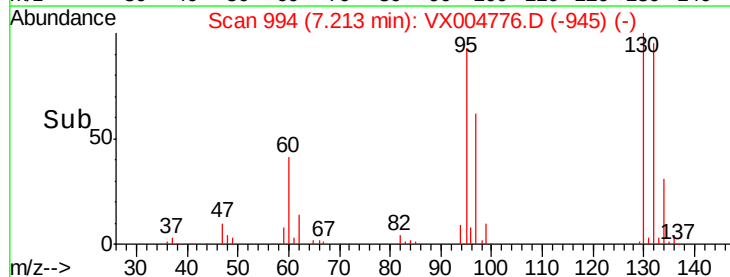
130 100

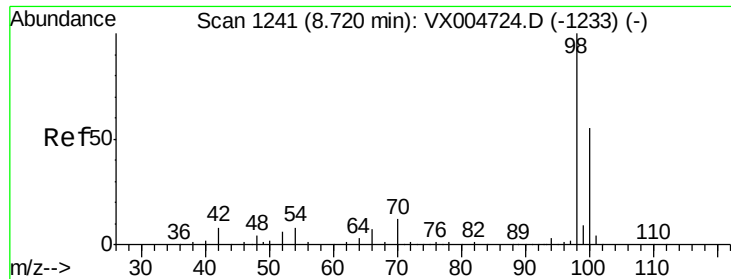
95 93.7 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

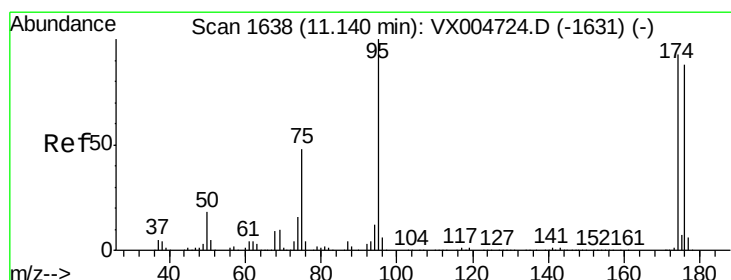
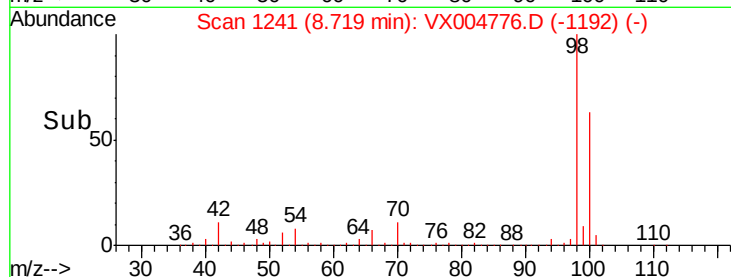
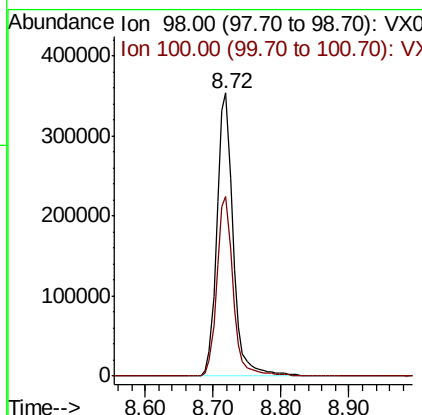
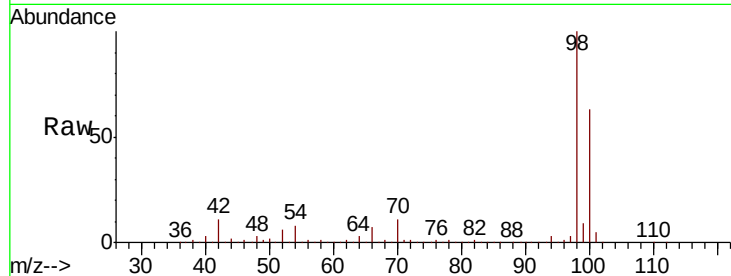




#50
Toluene-d8
Concen: 50.907 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004776.D
Acq: 27 Sep 2018 16:10

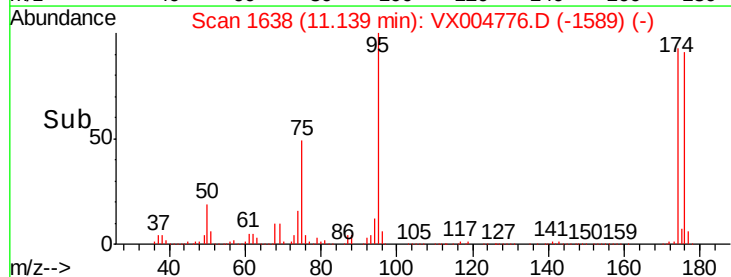
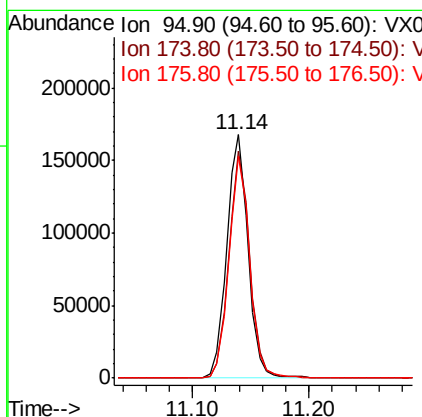
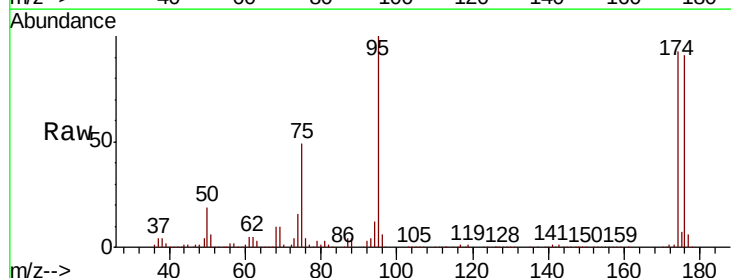
Instrument :
MSVOA_X
ClientSampleId :
MW-80-SEP18

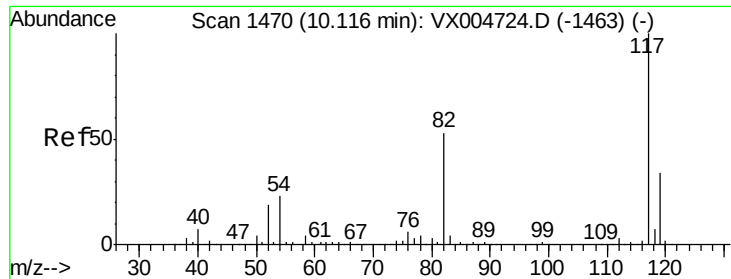
Tot Ion: 98 Resp: 586701
Ion Ratio Lower Upper
98 100
100 63.6 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 51.229 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004776.D
Acq: 27 Sep 2018 16:10

Tgt Ion: 95 Resp: 212696
Ion Ratio Lower Upper
95 100
174 91.7 0.0 185.2
176 89.3 0.0 178.6

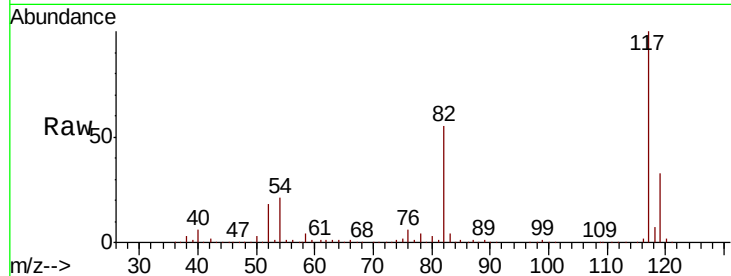




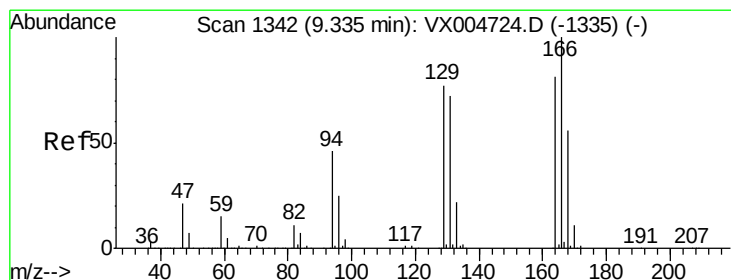
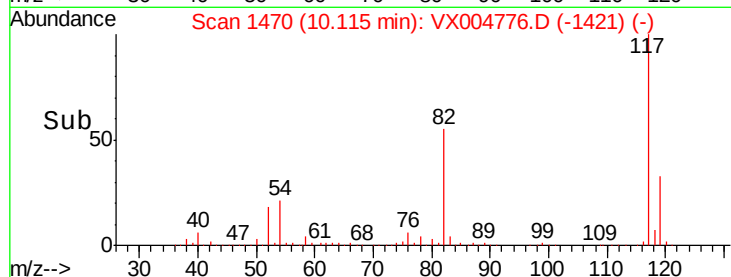
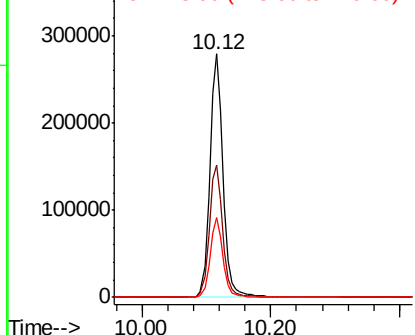
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004776.D
Acq: 27 Sep 2018 16:10

Instrument :
MSVOA_X
ClientSampleId :
MW-80-SEP18

Tot Ion:117 Resp: 397557
Ion Ratio Lower Upper
117 100
82 54.5 47.8 71.6
119 32.5 29.3 43.9

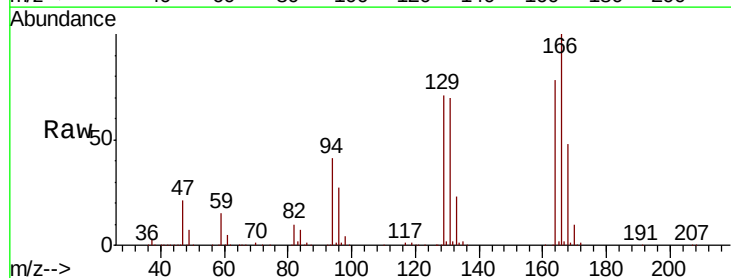


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

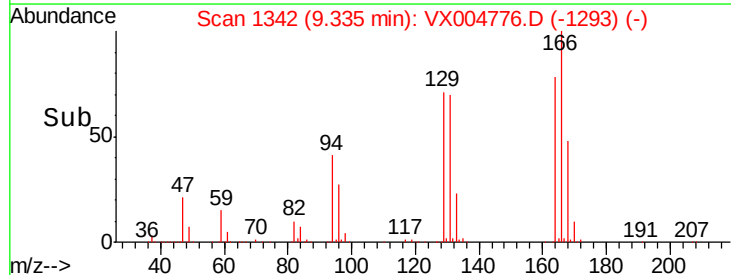
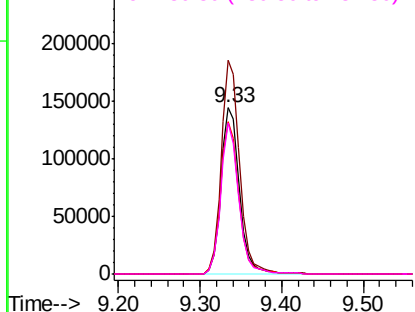


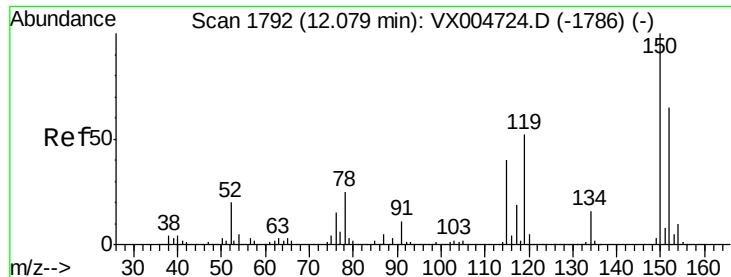
#64
Tetrachloroethene
Concen: 58.132 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004776.D
Acq: 27 Sep 2018 16:10

Tgt Ion:164 Resp: 227460
Ion Ratio Lower Upper
164 100
166 128.4 102.8 154.2
129 91.6 69.4 104.0
131 90.5 67.9 101.9



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: VX004776.D
 Acq: 27 Sep 2018 16:10

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-80-SEP18

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.3	39.0	117.0
150	158.1	0.0	351.0

