

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
 Data File : VX004777.D
 Acq On : 27 Sep 2018 16:37
 Operator : JC/MD
 Sample : J5048-06DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-80-SEP18DL

Quant Time: Sep 28 12:59:41 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

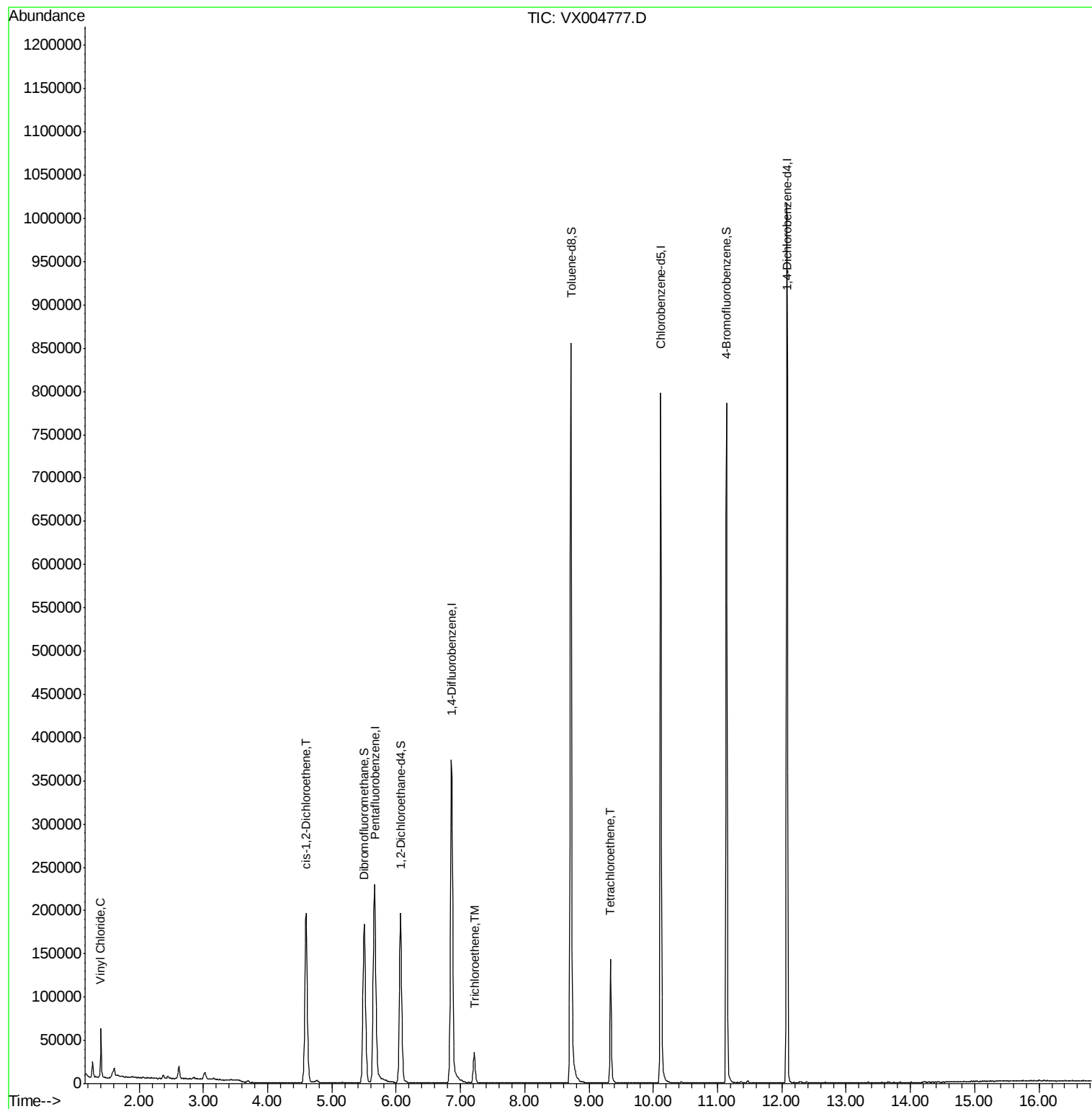
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	396704	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	381667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210594	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	185170	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
35) Dibromofluoromethane	5.50	113	156027	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
50) Toluene-d8	8.72	98	573396	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	11.14	95	202212	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
Target Compounds						
4) Vinyl Chloride	1.40	62	34605	9.051	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	126504	38.742	ug/l	93
44) Trichloroethene	7.21	130	14088	3.990	ug/l	95
64) Tetrachloroethene	9.34	164	30867	8.217	ug/l	97

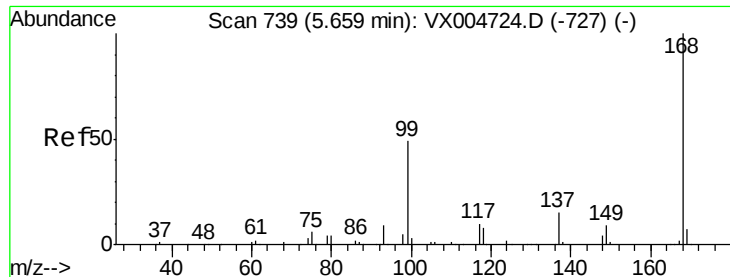
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX004777.D

Acq: 27 Sep 2018 16:37

Instrument :

MSVOA_X

ClientSampleId :

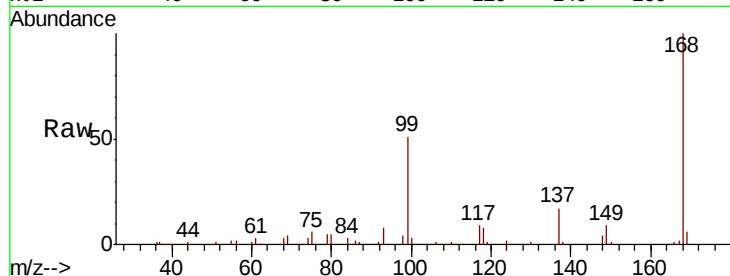
MW-80-SEP18DL

Tot Ion:168 Resp: 246430

Ion Ratio Lower Upper

168 100

99 50.8 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

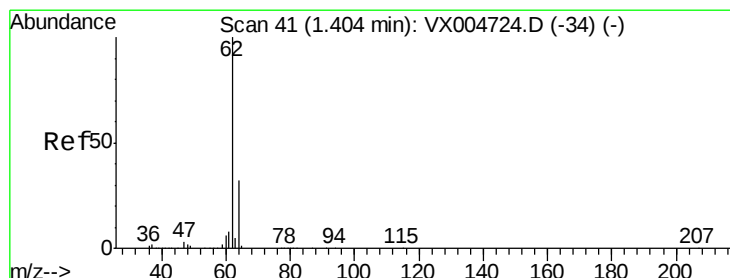
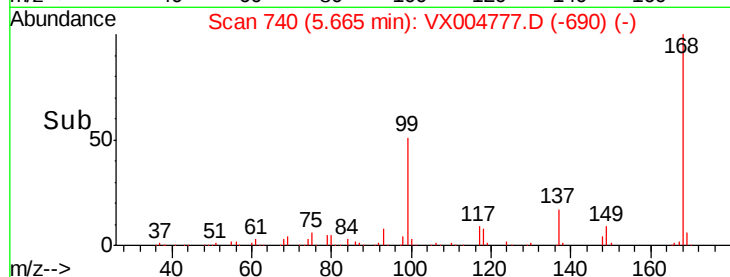
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#4

Vinyl Chloride

Concen: 9.051 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004777.D

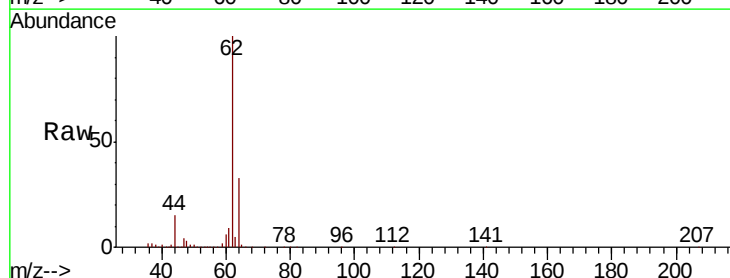
Acq: 27 Sep 2018 16:37

Tgt Ion: 62 Resp: 34605

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

40000

30000

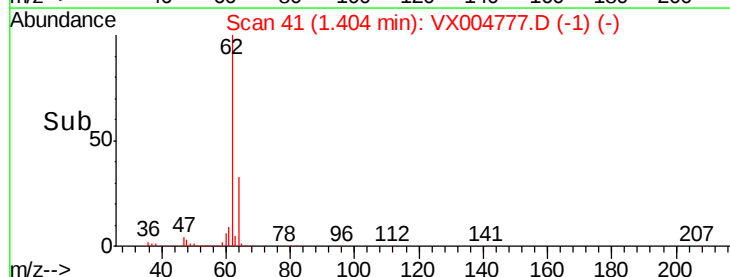
20000

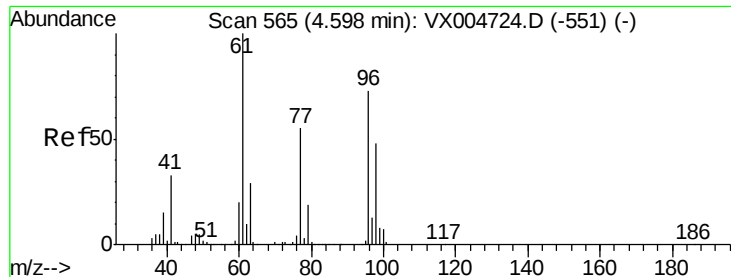
10000

0

Time-->

1.35 1.40 1.45 1.50



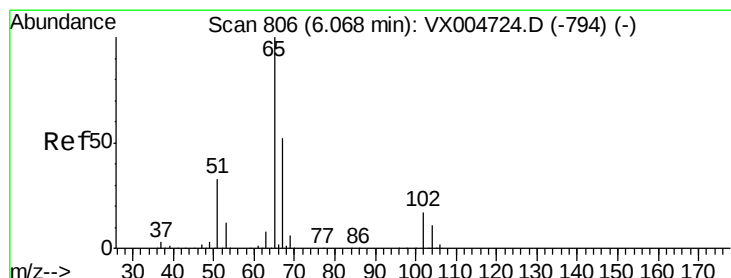
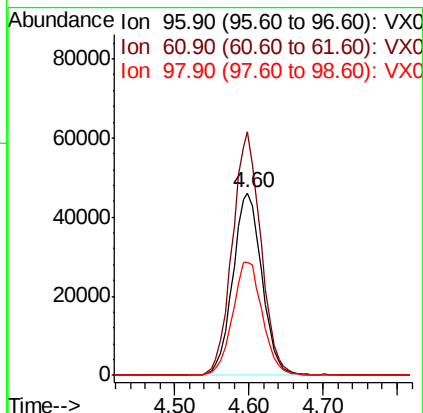
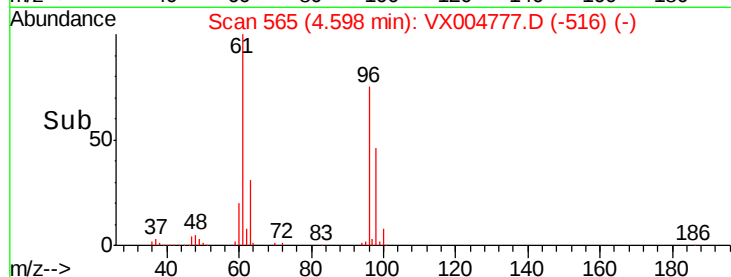
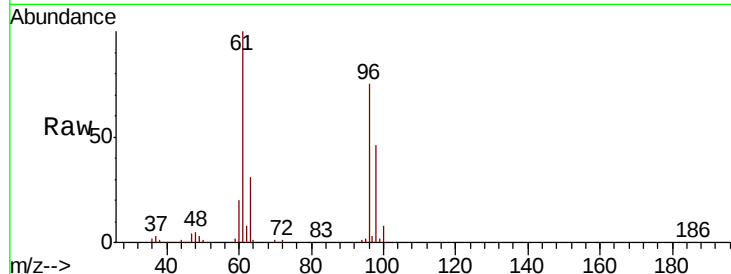


#27

cis-1,2-Dichloroethene
 Concen: 38.742 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX004777.D
 Acq: 27 Sep 2018 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-80-SEP18DL

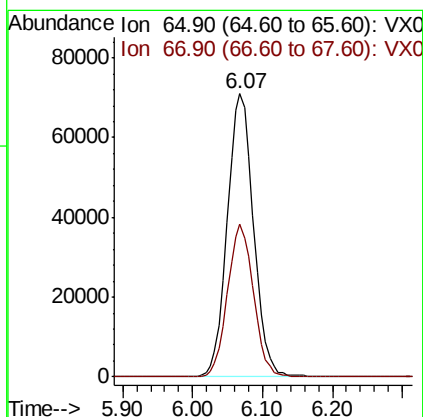
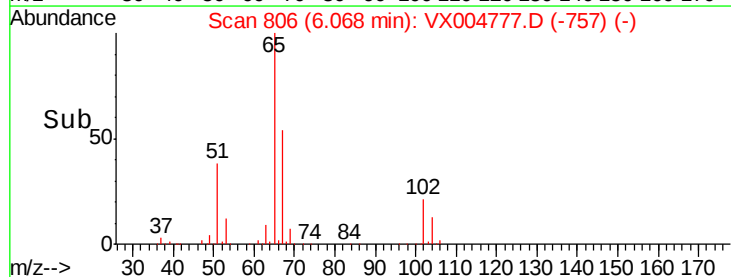
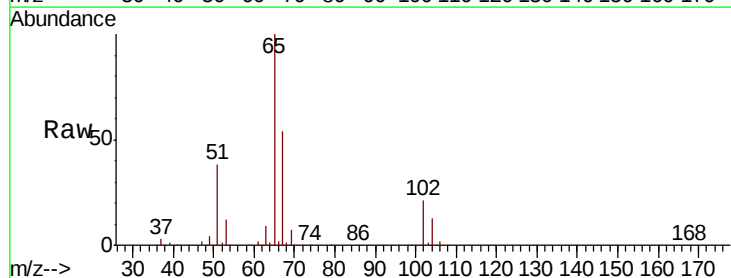
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.8	0.0	282.6
98	63.4	0.0	130.2

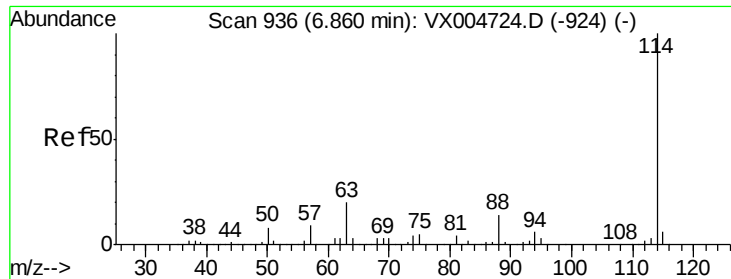


#33

1,2-Dichloroethane-d4
 Concen: 52.601 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004777.D
 Acq: 27 Sep 2018 16:37

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	106.8

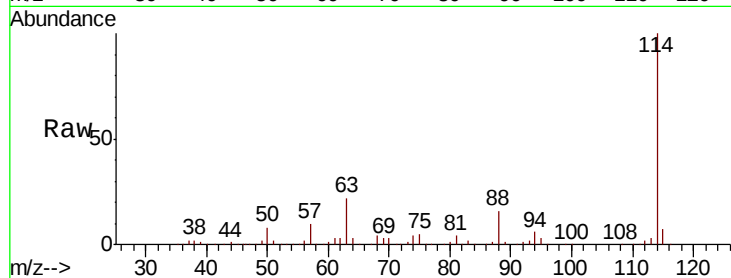




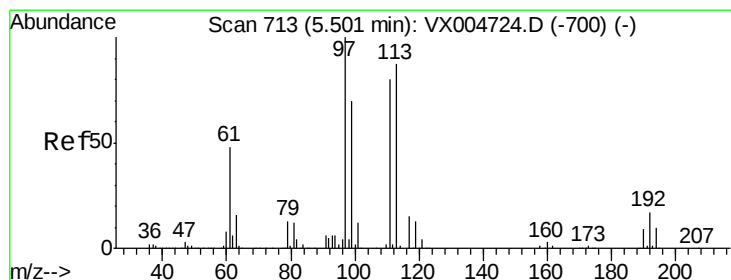
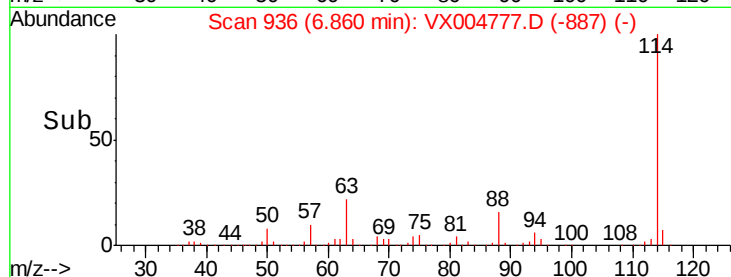
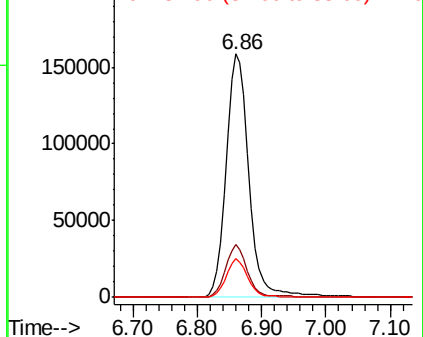
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004777.D
 Acq: 27 Sep 2018 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-80-SEP18DL

Tot Ion:114 Resp: 396704
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 39.0
 88 15.8 0.0 30.4

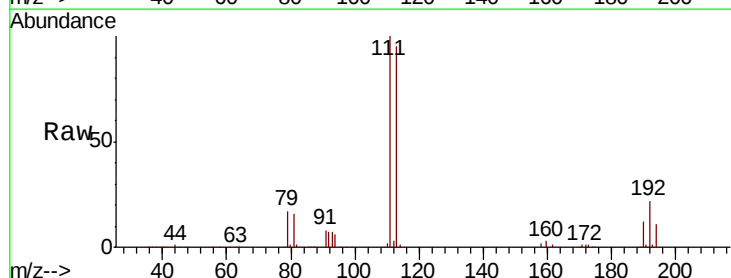


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

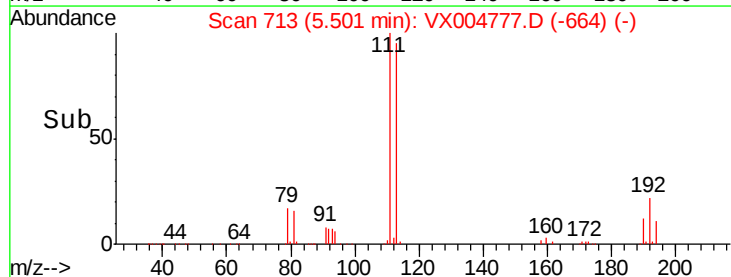
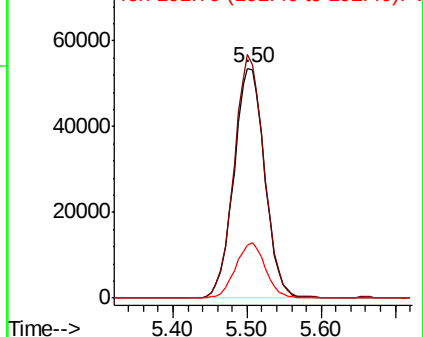


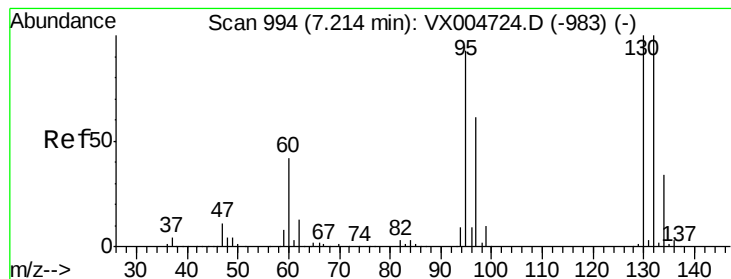
#35
 Dibromofluoromethane
 Concen: 46.407 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004777.D
 Acq: 27 Sep 2018 16:37

Tgt Ion:113 Resp: 156027
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.4 123.6
 192 23.4 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: 3.990 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004777.D

Acq: 27 Sep 2018 16:37

Instrument :

MSVOA_X

ClientSampleId :

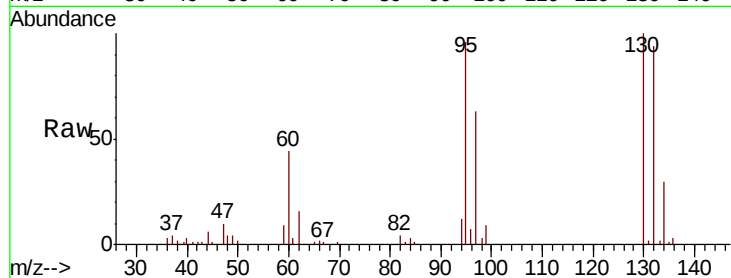
MW-80-SEP18DL

Tot Ion:130 Resp: 14088

Ion Ratio Lower Upper

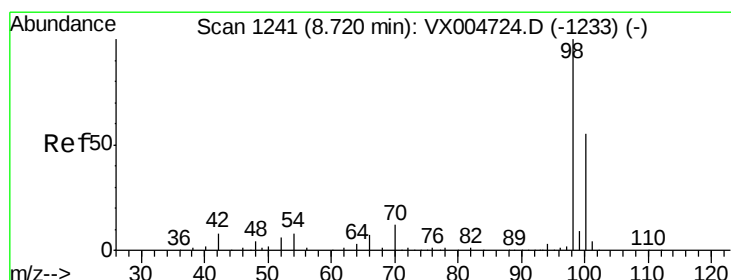
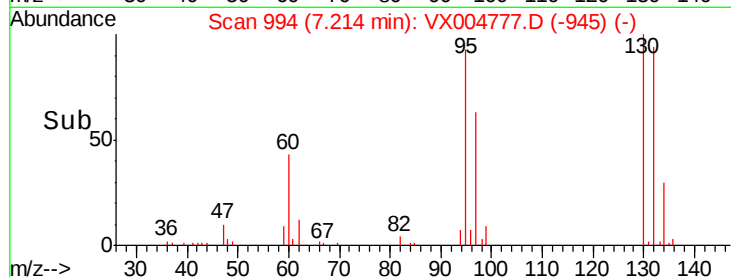
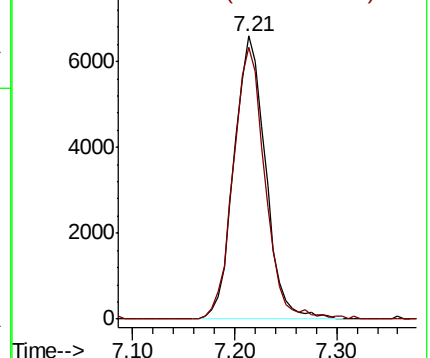
130 100

95 95.9 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: 51.300 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004777.D

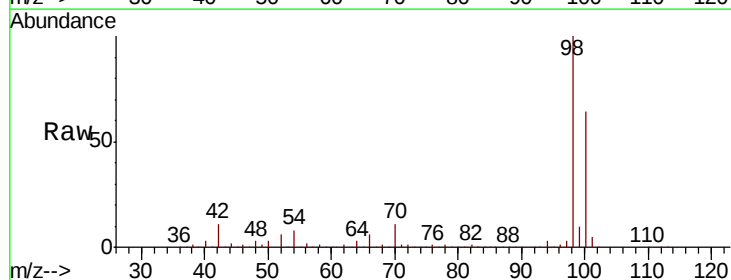
Acq: 27 Sep 2018 16:37

Tgt Ion: 98 Resp: 573396

Ion Ratio Lower Upper

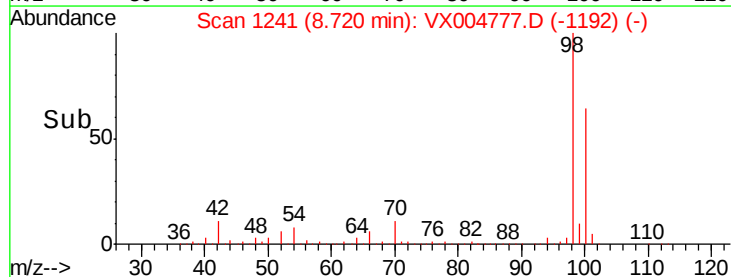
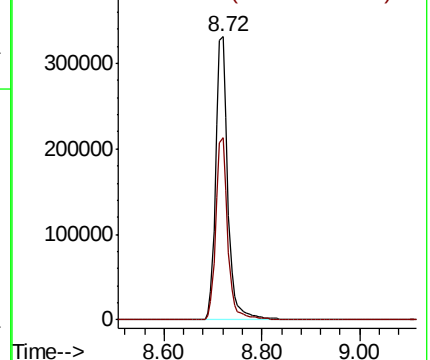
98 100

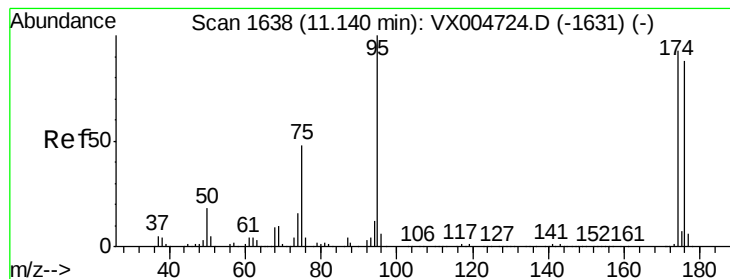
100 63.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 50.218 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004777.D

Acq: 27 Sep 2018 16:37

Instrument :

MSVOA_X

ClientSampleId :

MW-80-SEP18DL

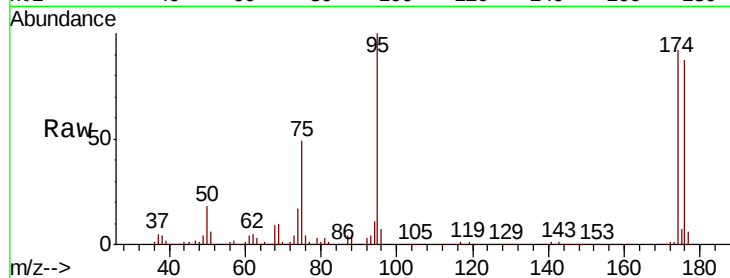
Tot Ion: 95 Resp: 202212

Ion Ratio Lower Upper

95 100

174 91.9 0.0 185.2

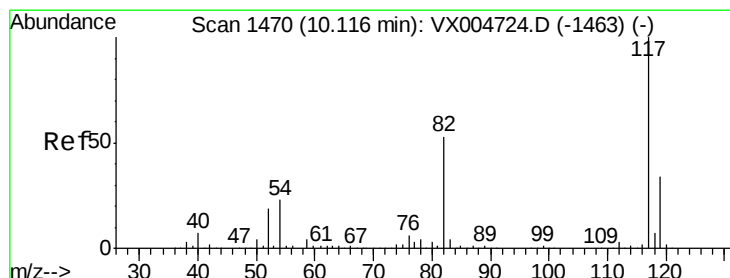
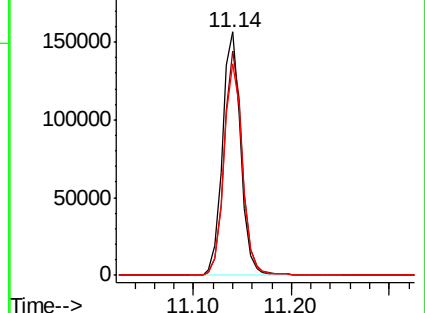
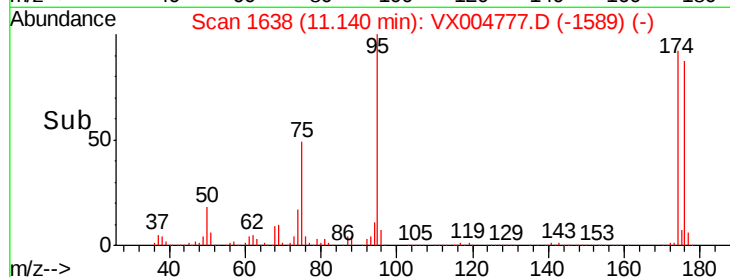
176 88.6 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX004777.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX004777.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX004777.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX004777.D

Acq: 27 Sep 2018 16:37

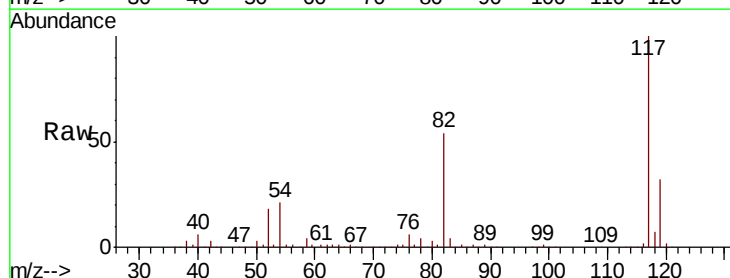
Tgt Ion: 117 Resp: 381667

Ion Ratio Lower Upper

117 100

82 53.8 47.8 71.6

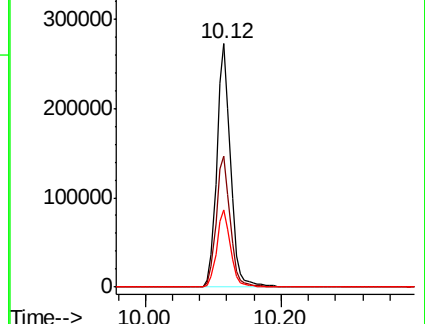
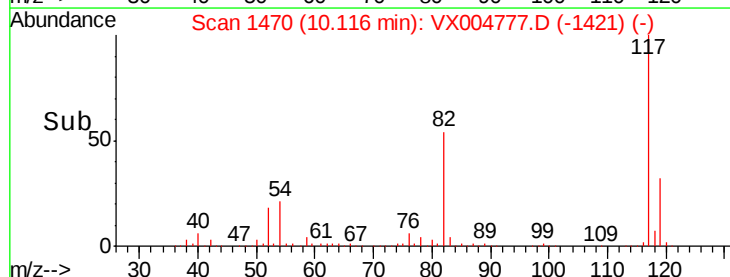
119 31.9 29.3 43.9

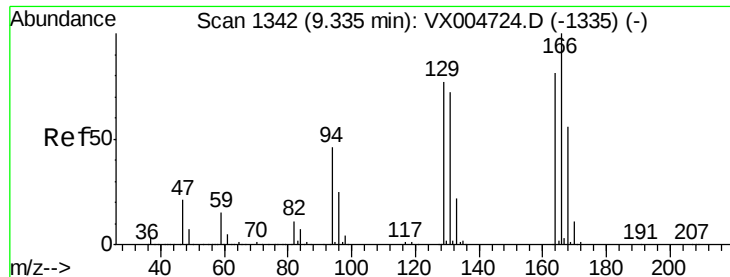


Abundance Ion 116.90 (116.60 to 117.60): VX004777.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX004777.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX004777.D (-1421) (-)

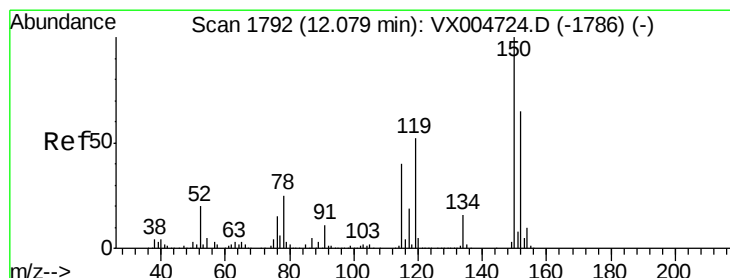
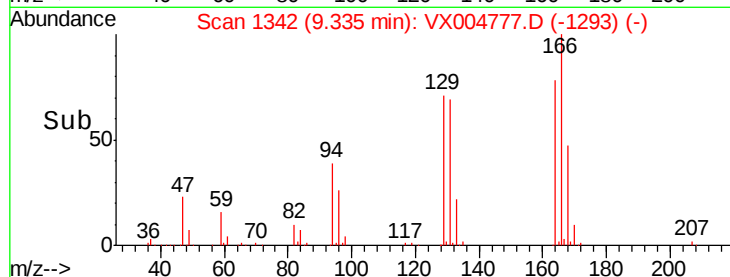
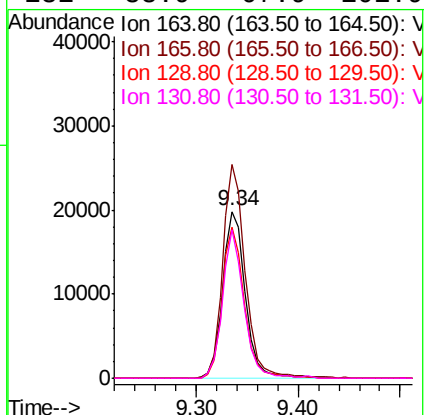
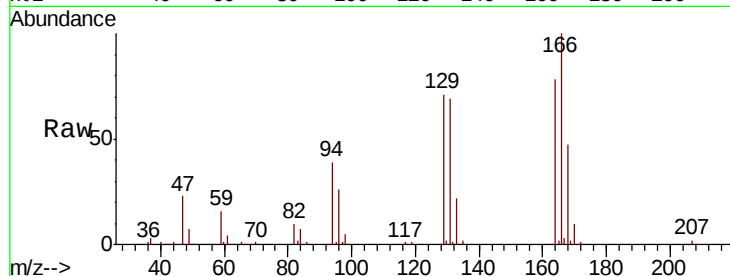




#64
Tetrachloroethene
Concen: 8.217 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004777.D
Acq: 27 Sep 2018 16:37

Instrument :
MSVOA_X
ClientSampleId :
MW-80-SEP18DL

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.4	102.8	154.2
129	91.1	69.4	104.0
131	88.9	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: VX004777.D
Acq: 27 Sep 2018 16:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	39.0	117.0
150	157.3	0.0	351.0

