

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030519\
 Data File : VX007838.D
 Acq On : 05 Mar 2019 15:41
 Operator : JC/SP
 Sample : K1718-01DL 200X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13DL

Quant Time: Mar 06 00:41:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

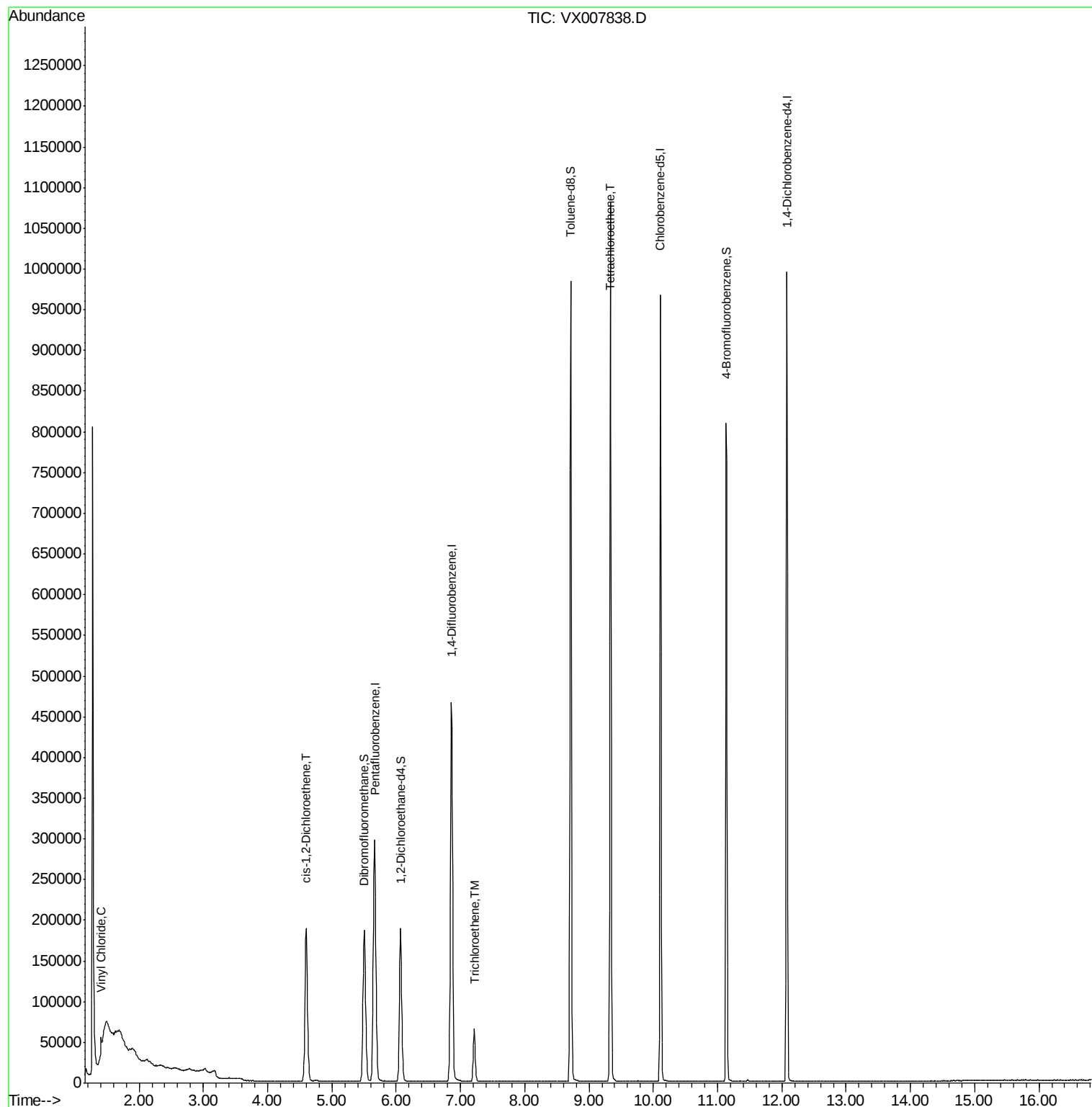
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	315860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	487404	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	455748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221264	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	173196	44.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.54%	
35) Dibromofluoromethane	5.50	113	160769	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
50) Toluene-d8	8.71	98	588331	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
62) 4-Bromofluorobenzene	11.13	95	214601	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
Target Compounds						
4) Vinyl Chloride	1.41	62	11138	3.367	ug/l #	1
27) cis-1,2-Dichloroethene	4.60	96	125563	32.854	ug/l	96
44) Trichloroethene	7.21	130	26690	7.173	ug/l	97
64) Tetrachloroethene	9.34	164	225182	60.863	ug/l	98

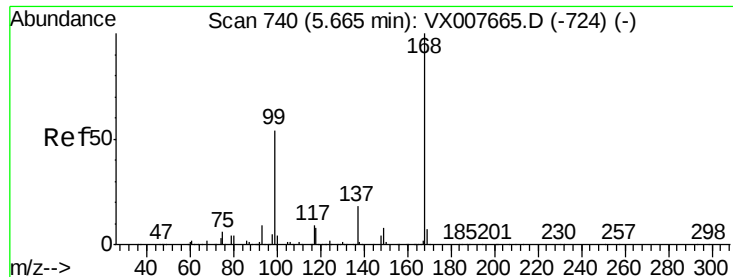
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007838.D

Acq: 05 Mar 2019 15:41

Instrument :

MSVOA_X

ClientSampleId :

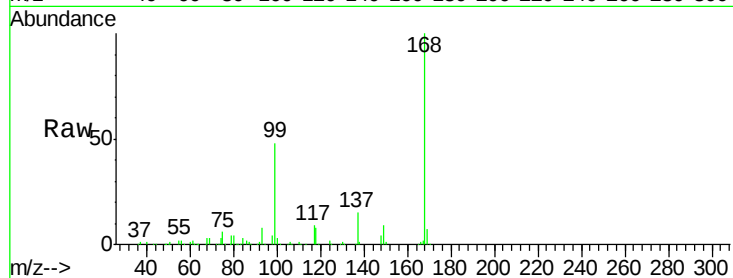
MW-13DL

Tot Ion:168 Resp: 315860

Ion Ratio Lower Upper

168 100

99 47.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

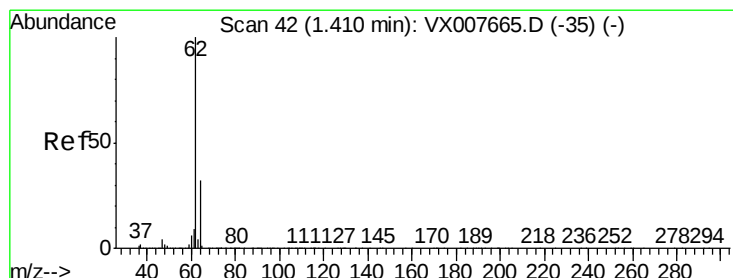
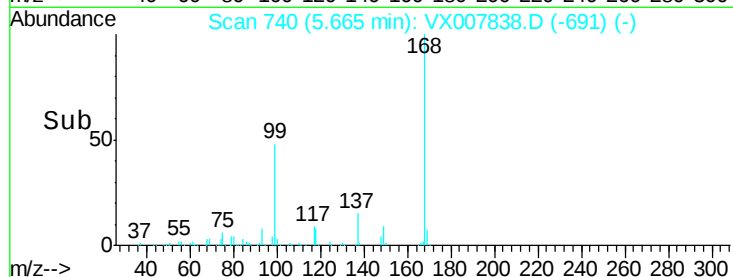
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 3.367 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007838.D

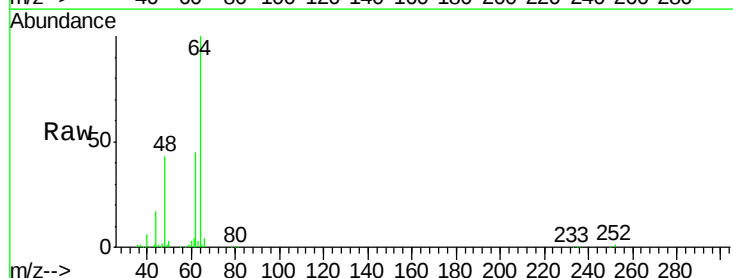
Acq: 05 Mar 2019 15:41

Tgt Ion: 62 Resp: 11138

Ion Ratio Lower Upper

62 100

64 105.0 25.4 38.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

50000

40000

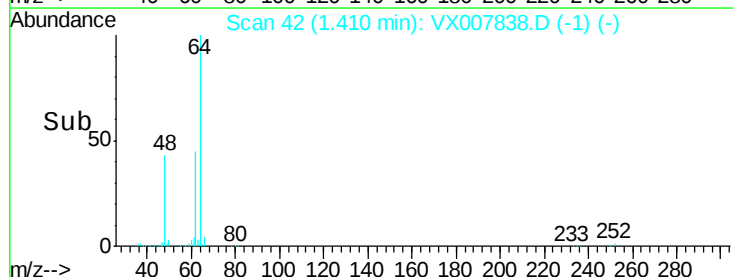
30000

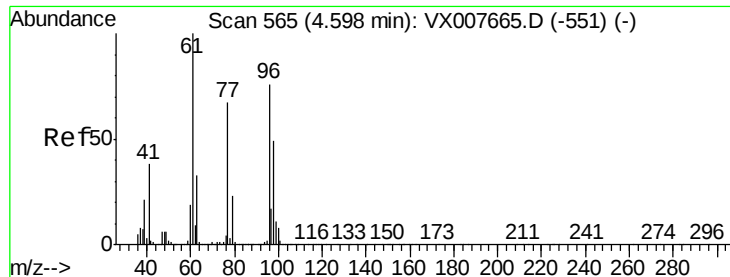
20000

10000

0

Time--> 1.35 1.40 1.45



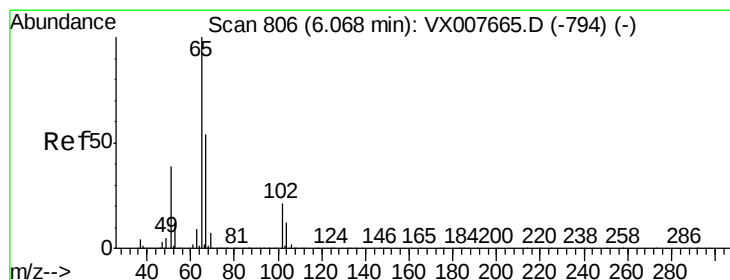
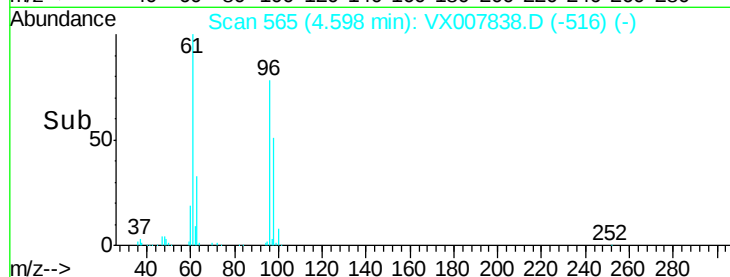
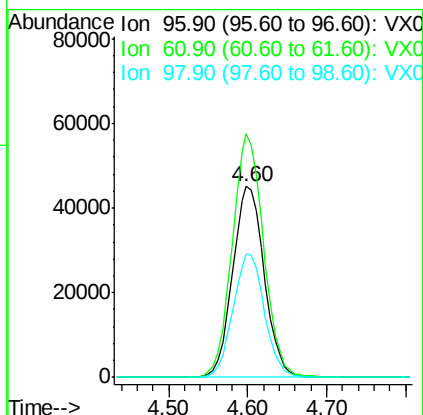
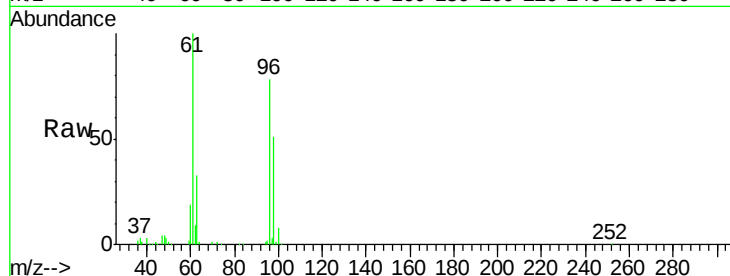


#27

cis-1,2-Dichloroethene
 Concen: 32.854 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007838.D
 Acq: 05 Mar 2019 15:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13DL

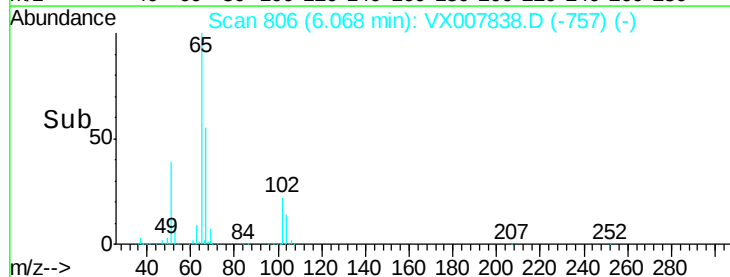
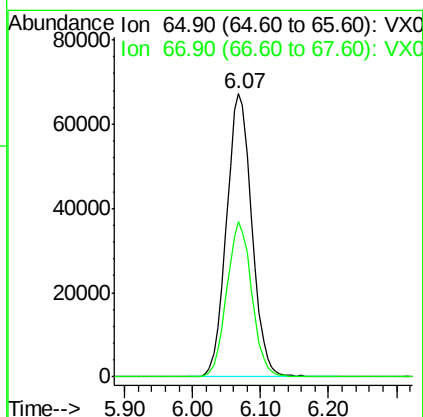
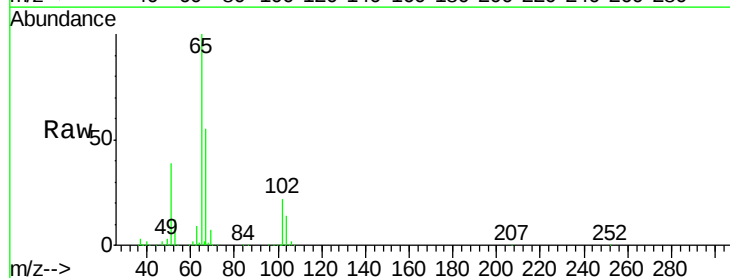
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.6	0.0	265.6
98	64.5	0.0	131.6

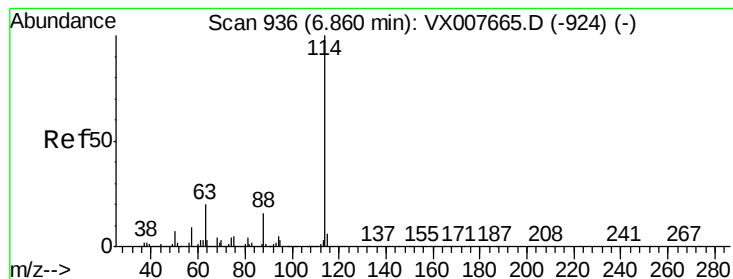


#33

1,2-Dichloroethane-d4
 Concen: 44.267 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007838.D
 Acq: 05 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007838.D

Acq: 05 Mar 2019 15:41

Instrument :

MSVOA_X

ClientSampled :

MW-13DL

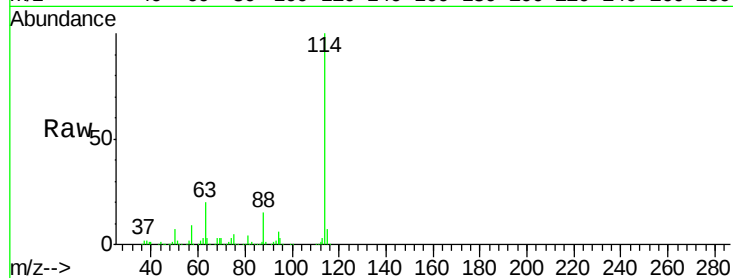
Tot Ion:114 Resp: 487404

Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.6

88 15.1 0.0 29.6



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

250000

200000

150000

100000

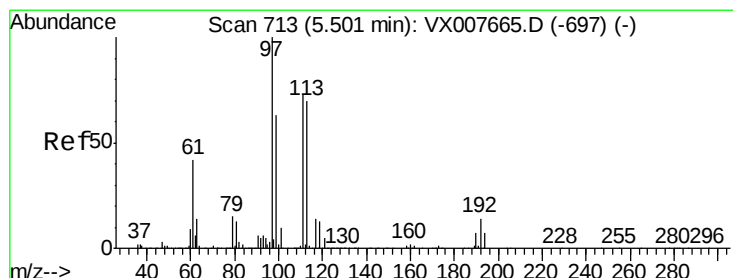
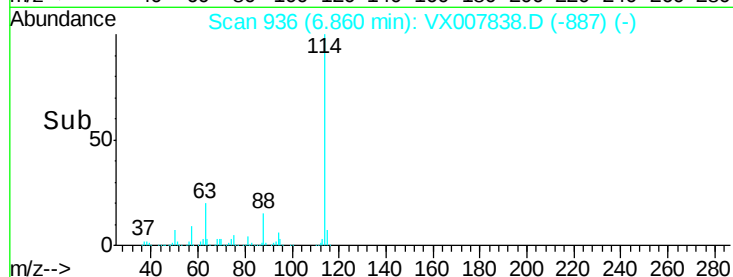
50000

0

6.86

6.70 6.80 6.90 7.00 7.10

Time-->



#35

Dibromofluoromethane

Concen: 49.344 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007838.D

Acq: 05 Mar 2019 15:41

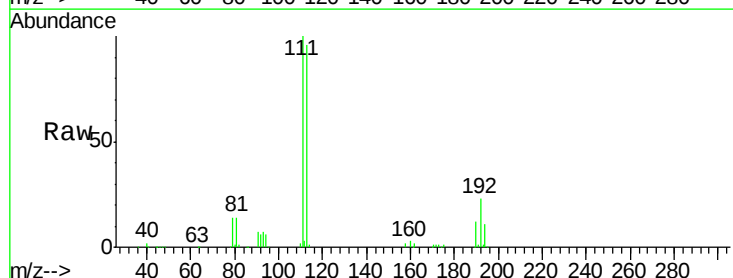
Tgt Ion:113 Resp: 160769

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

192 24.6 18.5 27.7



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

80000

60000

40000

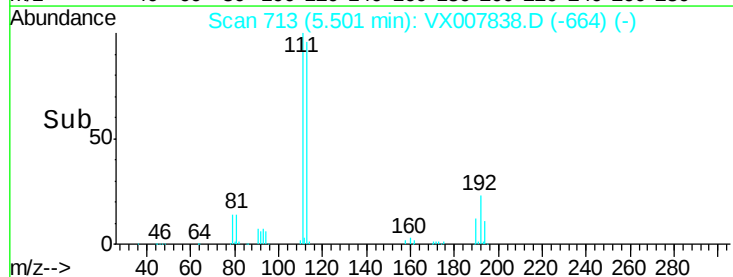
20000

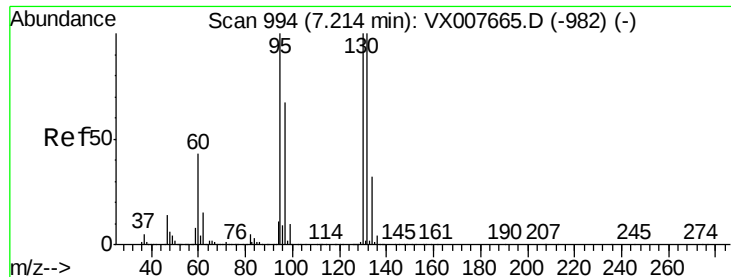
0

5.50

5.40 5.50 5.60

Time-->





#44

Trichloroethene

Concen: 7.173 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007838.D

Acq: 05 Mar 2019 15:41

Instrument :

MSVOA_X

ClientSampleId :

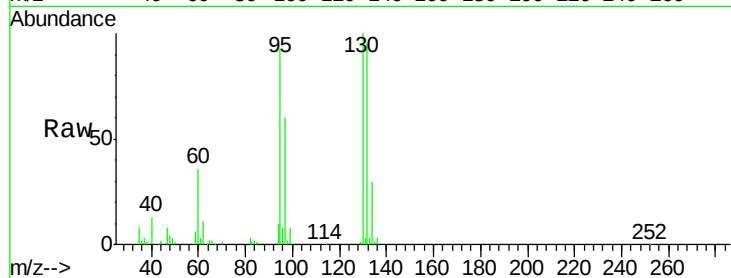
MW-13DL

Tot Ion:130 Resp: 26690

Ion Ratio Lower Upper

130 100

95 93.2 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

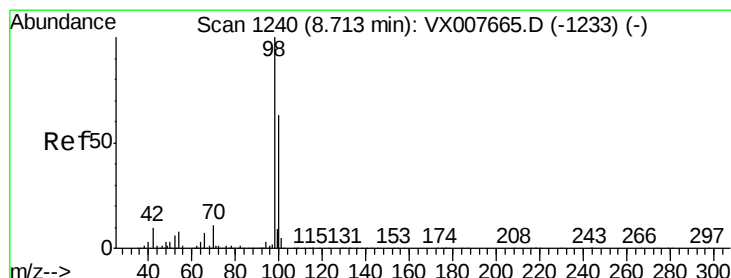
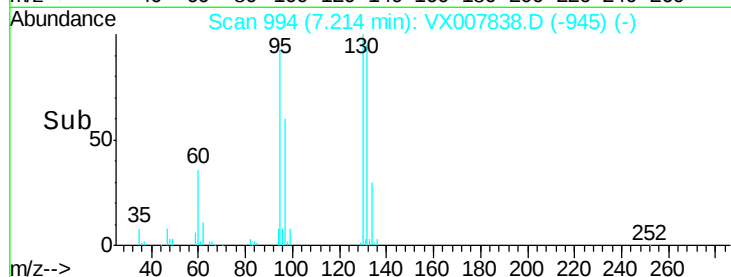
15000

10000

5000

0

Time--> 7.10 7.20 7.30



#50

Toluene-d8

Concen: 47.167 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007838.D

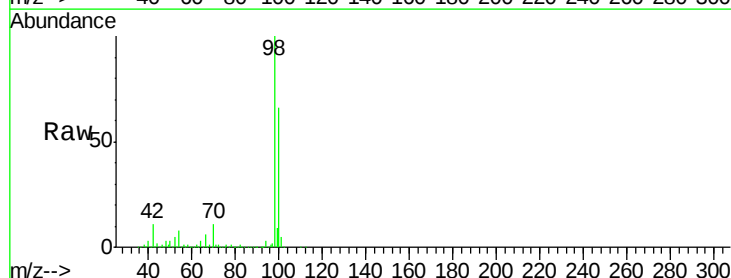
Acq: 05 Mar 2019 15:41

Tgt Ion: 98 Resp: 588331

Ion Ratio Lower Upper

98 100

100 65.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

400000

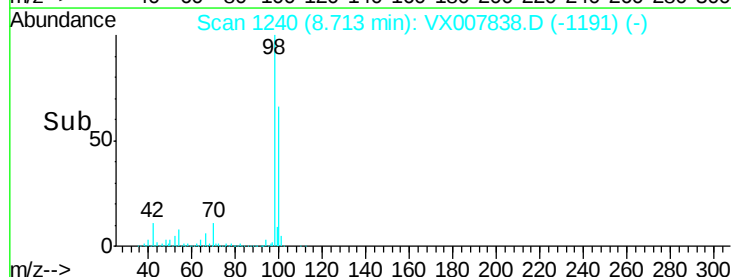
300000

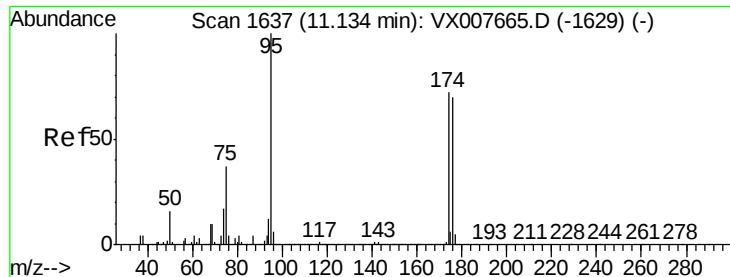
200000

100000

0

Time--> 8.60 8.70 8.80 8.90

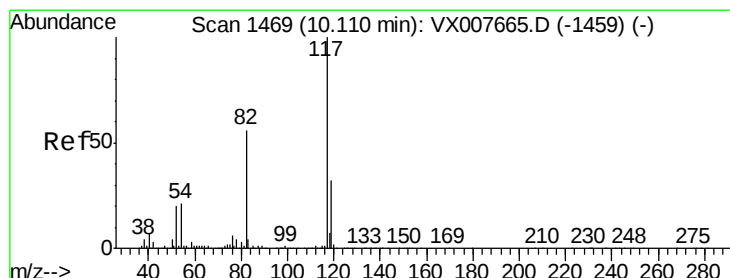
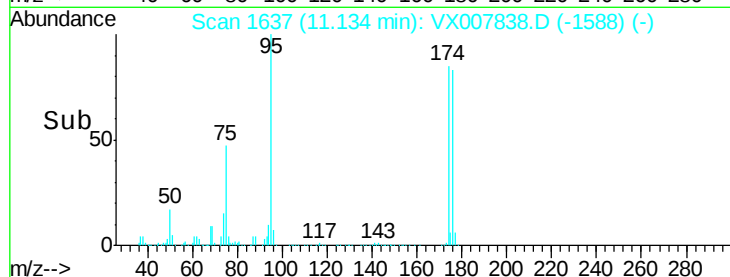
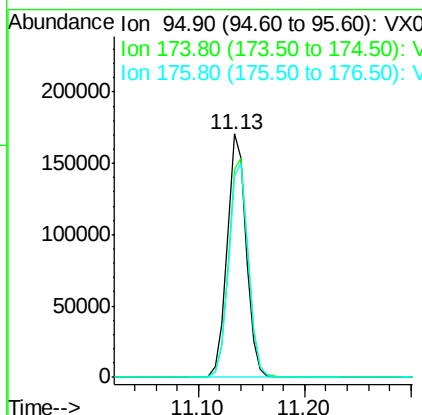
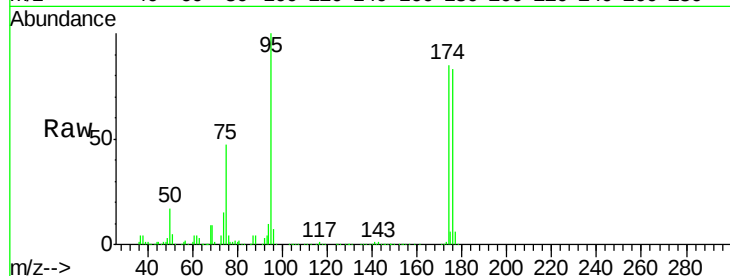




#62
4-Bromofluorobenzene
Concen: 46.875 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007838.D
Acq: 05 Mar 2019 15:41

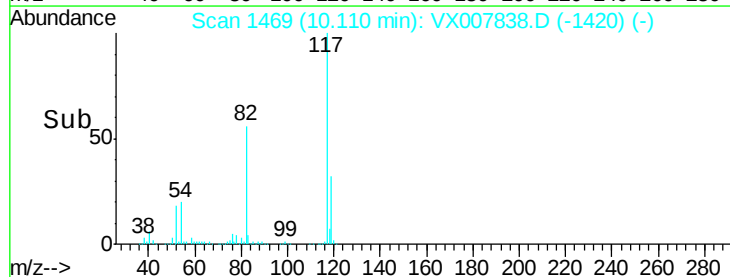
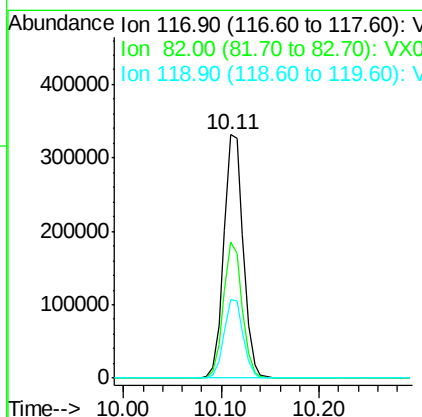
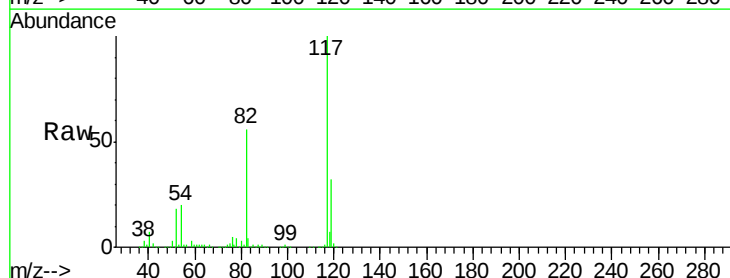
Instrument :
MSVOA_X
ClientSampleId :
MW-13DL

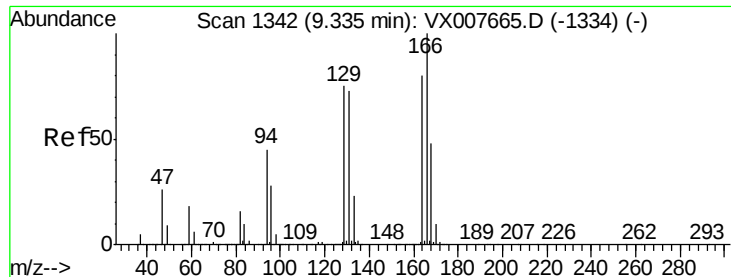
Tot Ion: 95 Resp: 214601
Ion Ratio Lower Upper
95 100
174 92.8 0.0 189.2
176 90.1 0.0 186.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007838.D
Acq: 05 Mar 2019 15:41

Tgt Ion: 117 Resp: 455748
Ion Ratio Lower Upper
117 100
82 56.1 42.1 63.1
119 32.4 26.5 39.7

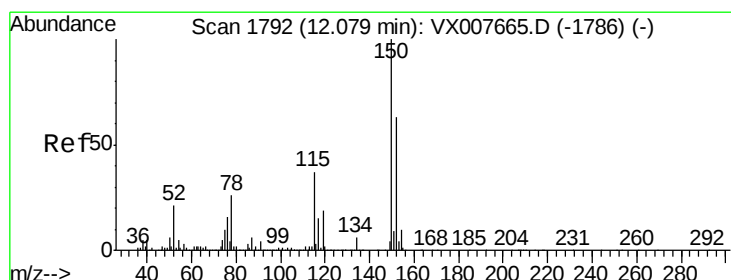
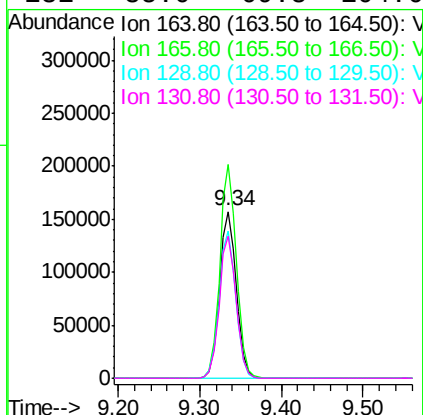
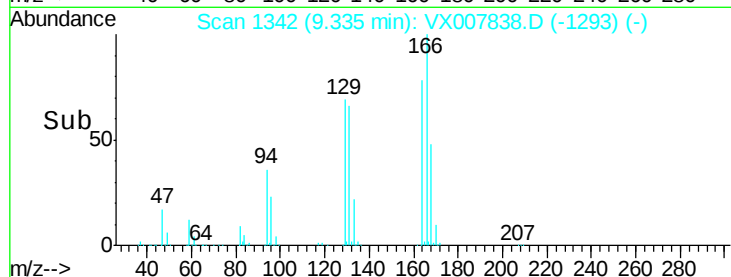
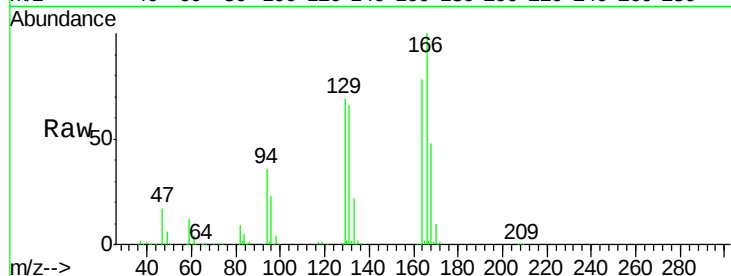




#64
Tetrachloroethene
Concen: 60.863 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007838.D
Acq: 05 Mar 2019 15:41

Instrument :
MSVOA_X
ClientSampled :
MW-13DL

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.1	101.0	151.4
129	88.6	70.5	105.7
131	85.0	69.8	104.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007838.D
Acq: 05 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	38.0	114.0
150	155.7	0.0	346.4

