

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006680.D
 Acq On : 20 Dec 2018 17:07
 Operator : JC/MD
 Sample : J6484-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 975-MW-19(28)

Quant Time: Dec 21 04:20:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

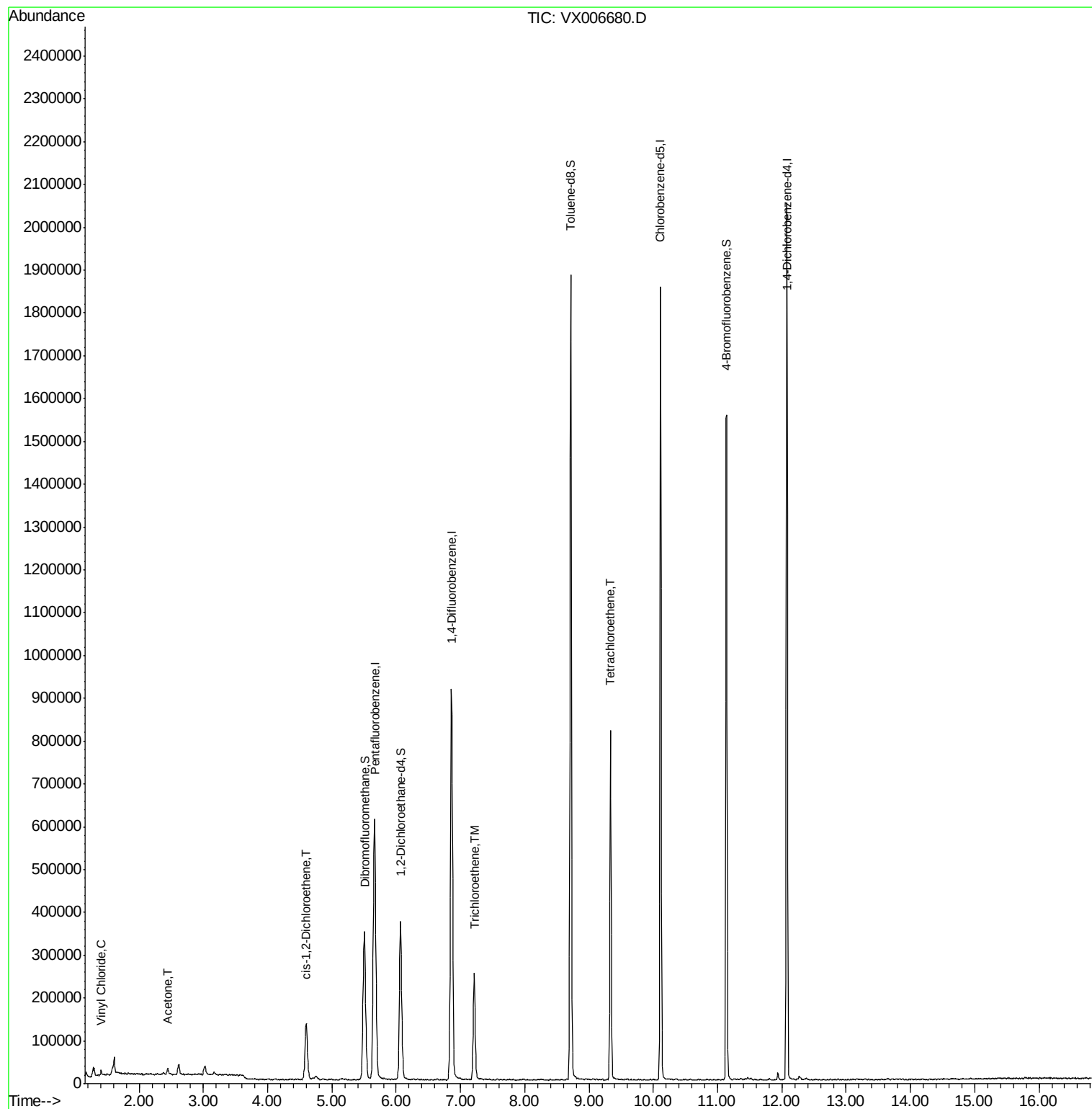
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	622556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	993166	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	908521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	438630	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	347266	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
35) Dibromofluoromethane	5.51	113	294726	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
50) Toluene-d8	8.71	98	1179338	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	11.13	95	425698	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
Target Compounds						
4) Vinyl Chloride	1.41	62	6188	0.966	ug/l	94
16) Acetone	2.45	43	15714	5.098	ug/l	90
27) cis-1,2-Dichloroethene	4.60	96	91589	13.469	ug/l	91
44) Trichloroethene	7.21	130	103262	13.645	ug/l	100
64) Tetrachloroethene	9.34	164	165169	22.959	ug/l	99

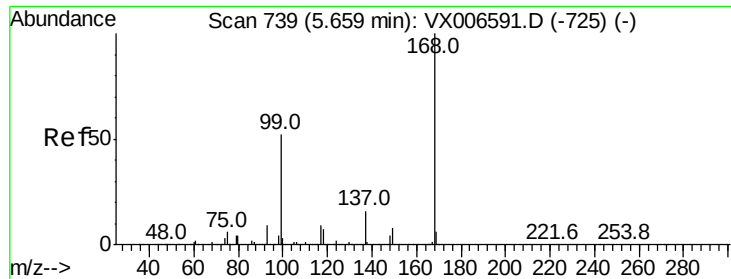
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006680.D

Acq: 20 Dec 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

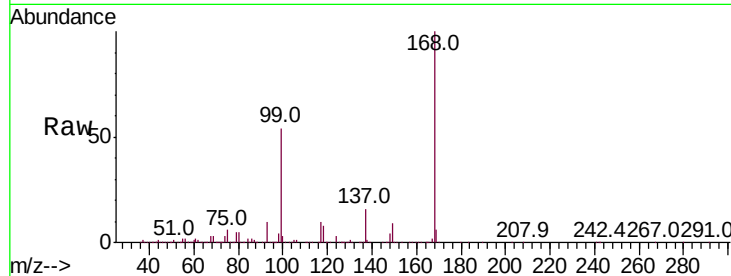
975-MW-19(28)

Tot Ion:168 Resp: 622556

Ion Ratio Lower Upper

168 100

99 54.2 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): VX006680.D (-1) (-)

Ion 98.90 (98.60 to 99.60): VX006680.D (-1) (-)

5.67

250000

200000

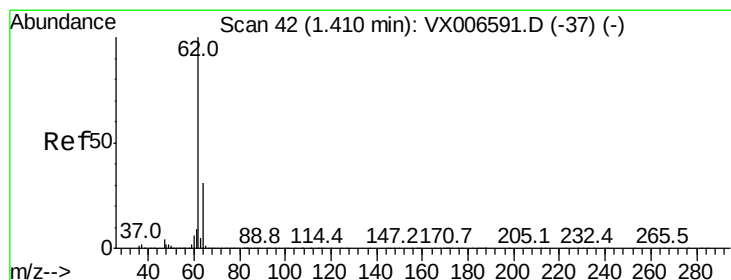
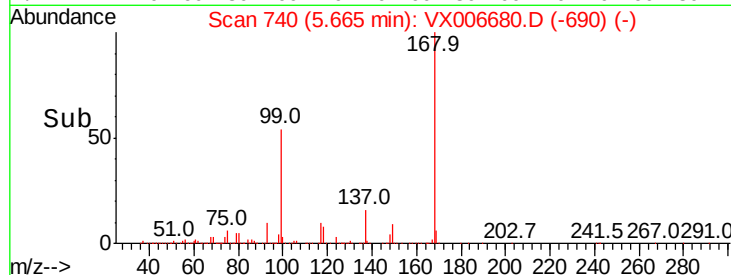
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 0.966 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006680.D

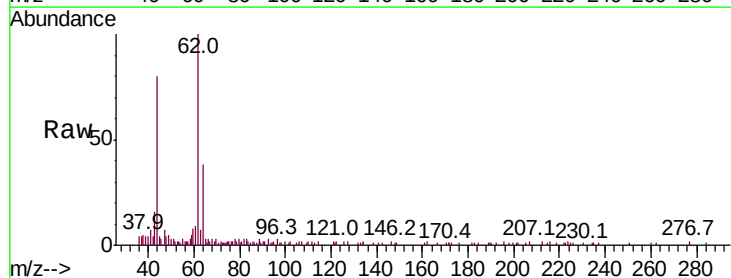
Acq: 20 Dec 2018 17:07

Tgt Ion: 62 Resp: 6188

Ion Ratio Lower Upper

62 100

64 35.0 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX006680.D (-1) (-)

Ion 63.90 (63.60 to 64.60): VX006680.D (-1) (-)

1.41

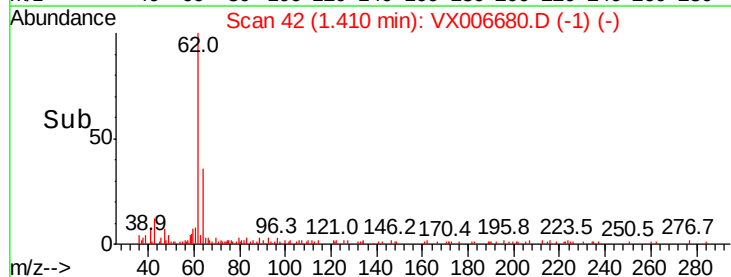
6000

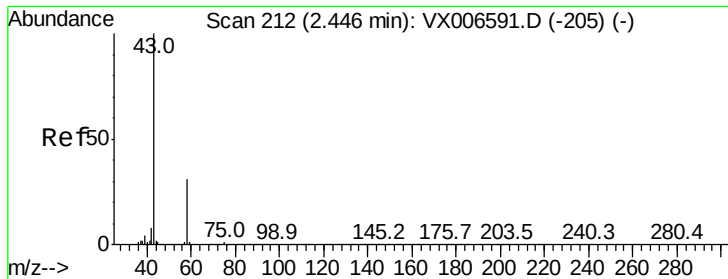
4000

2000

0

Time-->





#16

Acetone

Concen: 5.098 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006680.D

Acq: 20 Dec 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

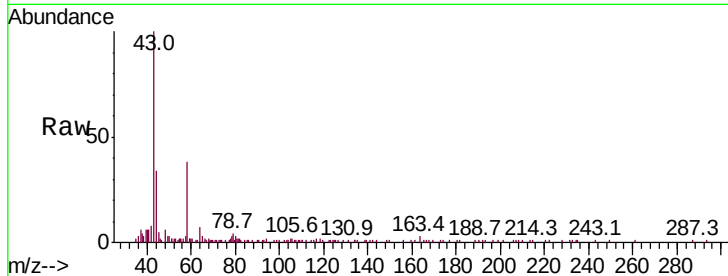
975-MW-19(28)

Tot Ion: 43 Resp: 15714

Ion Ratio Lower Upper

43 100

58 36.8 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

10000

8000

6000

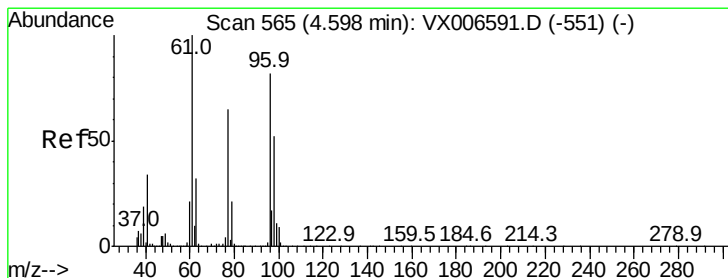
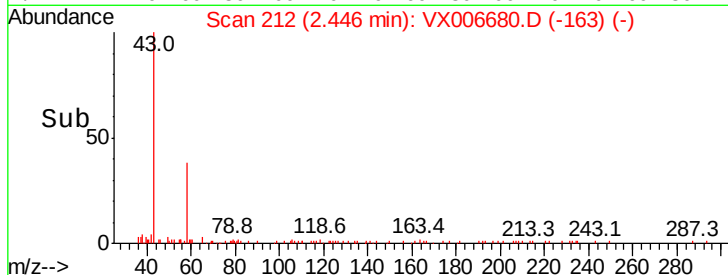
4000

2000

0

Time-->

2.35 2.40 2.45 2.50 2.55



#27

cis-1,2-Dichloroethene

Concen: 13.469 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX006680.D

Acq: 20 Dec 2018 17:07

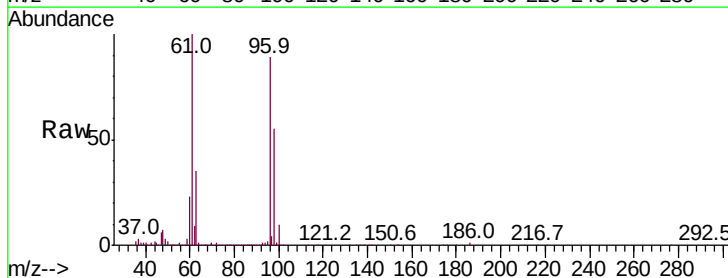
Tgt Ion: 96 Resp: 91589

Ion Ratio Lower Upper

96 100

61 114.2 0.0 258.6

98 64.6 0.0 132.0



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

50000

40000

30000

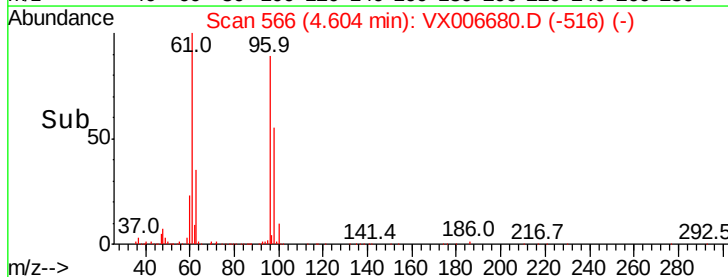
20000

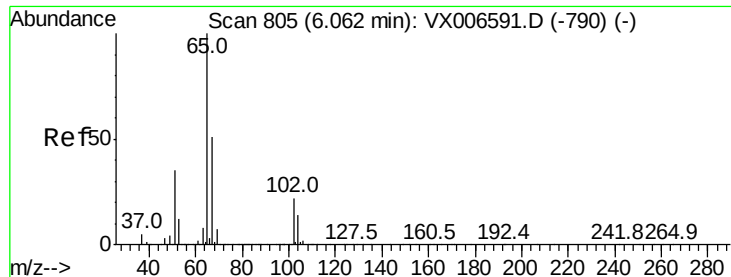
10000

0

Time-->

4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 51.756 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006680.D

Acq: 20 Dec 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

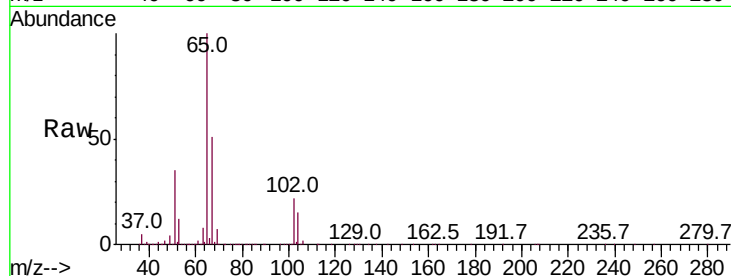
975-MW-19(28)

Tot Ion: 65 Resp: 347266

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

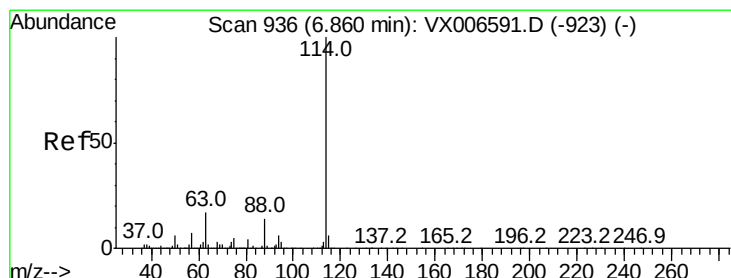
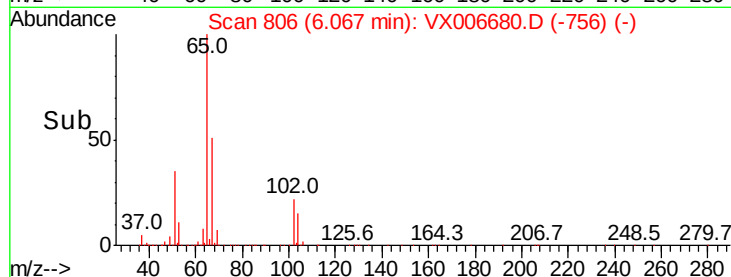
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006680.D

Acq: 20 Dec 2018 17:07

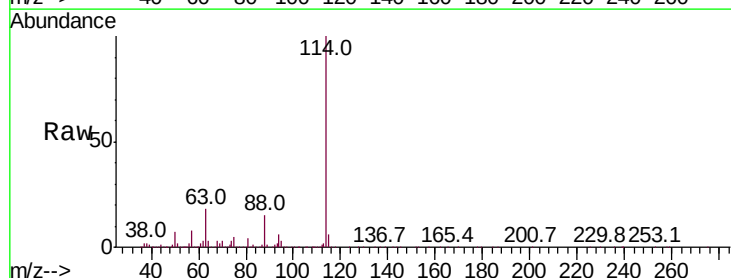
Tgt Ion:114 Resp: 993166

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

88 15.3 0.0 28.8



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

6.86

500000

400000

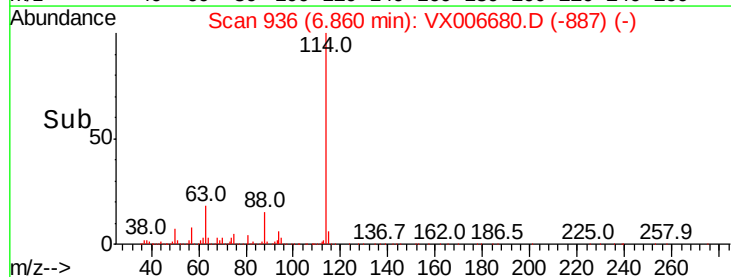
300000

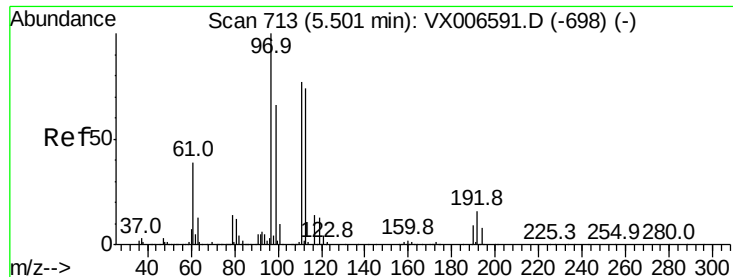
200000

100000

0

Time--> 6.70 6.80 6.90 7.00 7.10





#35

Dibromofluoromethane

Concen: 46.926 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006680.D

Acq: 20 Dec 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

975-MW-19(28)

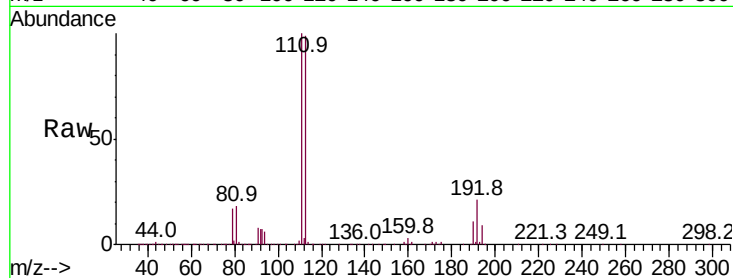
Tot Ion:113 Resp: 294726

Ion Ratio Lower Upper

113 100

111 101.3 81.6 122.4

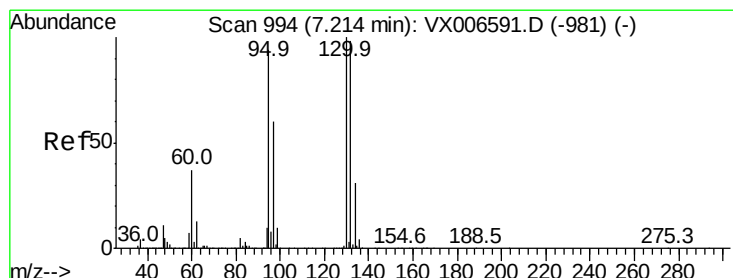
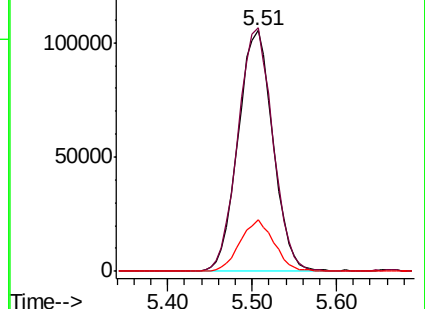
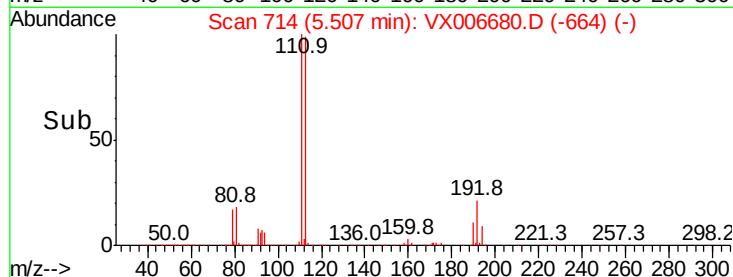
192 20.9 16.7 25.1



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: 13.645 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006680.D

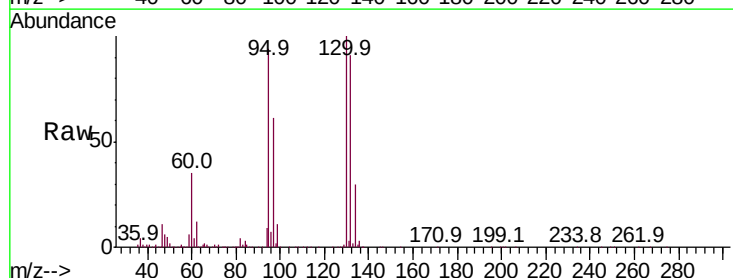
Acq: 20 Dec 2018 17:07

Tgt Ion:130 Resp: 103262

Ion Ratio Lower Upper

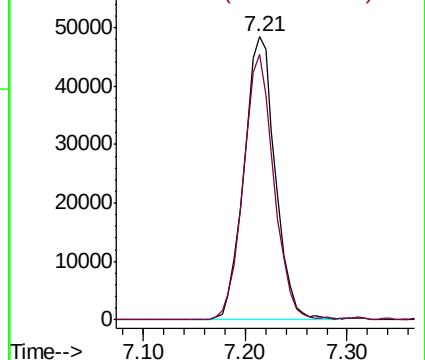
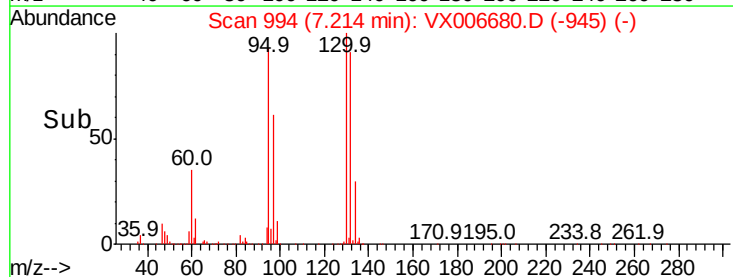
130 100

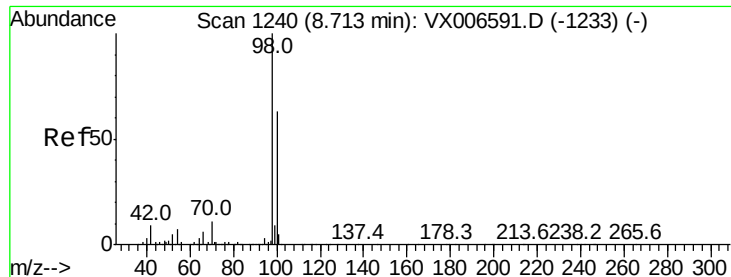
95 93.8 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.807 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006680.D

Acq: 20 Dec 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

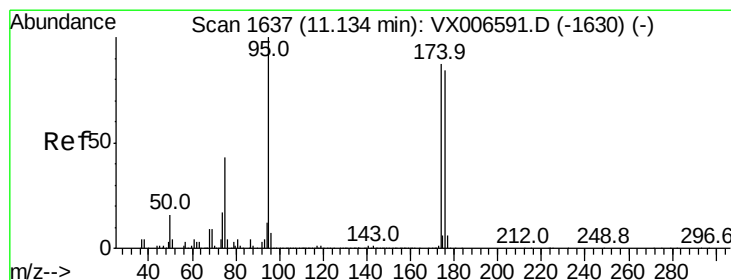
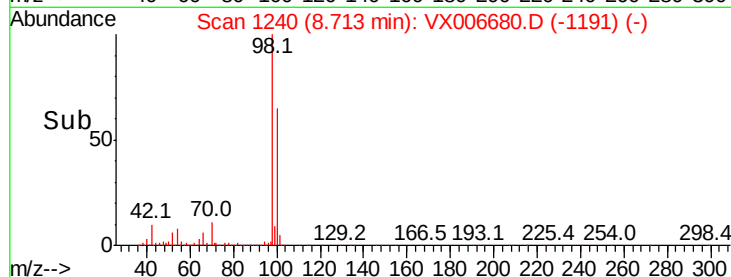
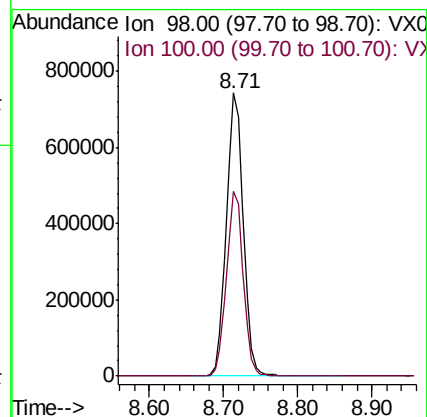
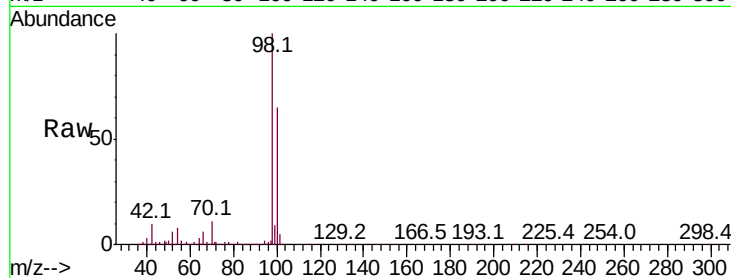
975-MW-19(28)

Tot Ion: 98 Resp: 1179338

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.089 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006680.D

Acq: 20 Dec 2018 17:07

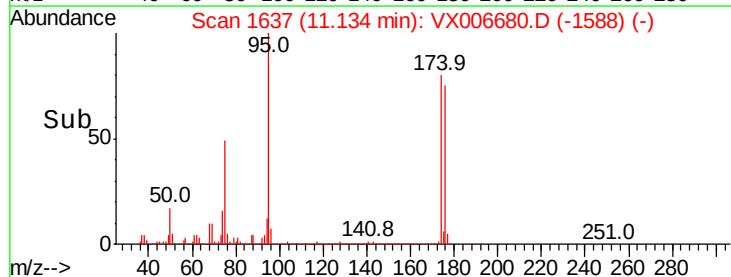
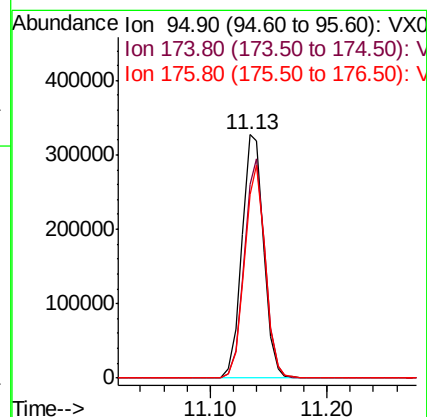
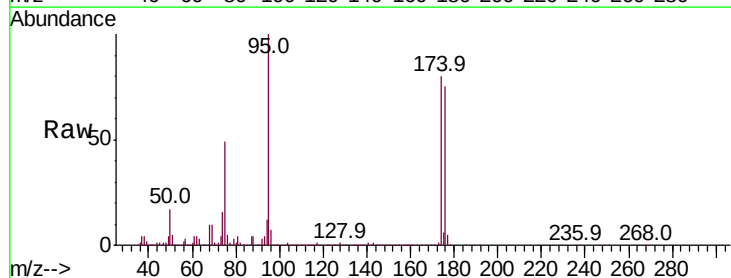
Tgt Ion: 95 Resp: 425698

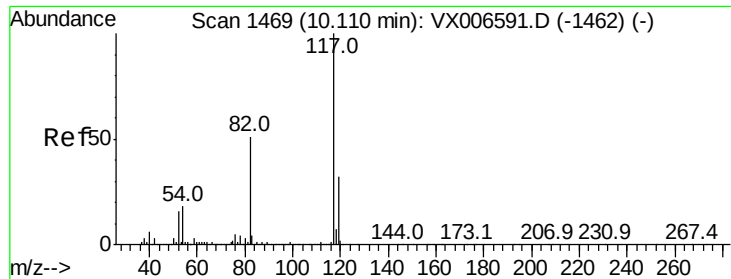
Ion Ratio Lower Upper

95 100

174 86.3 0.0 182.2

176 83.7 0.0 178.8

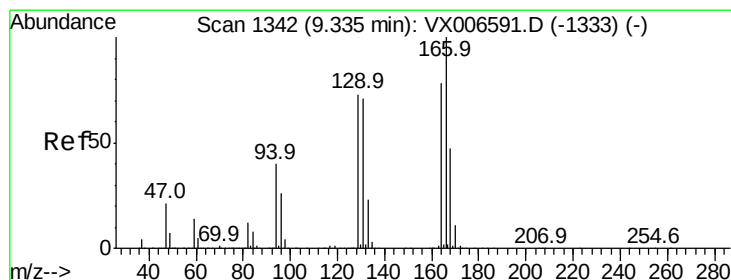
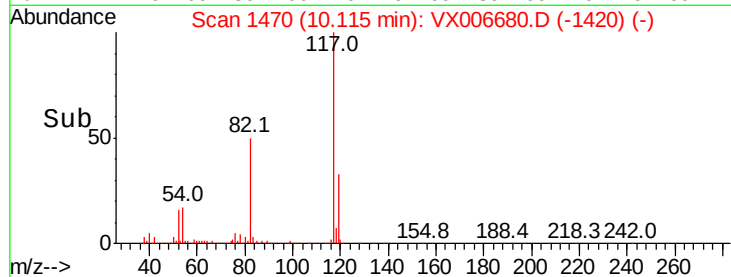
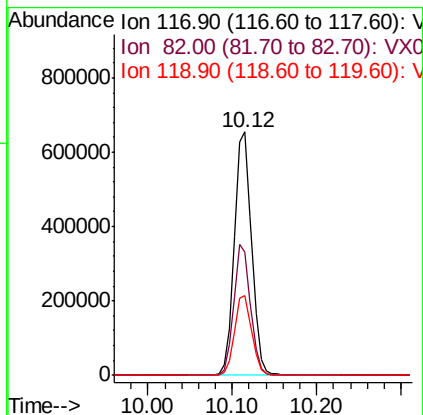
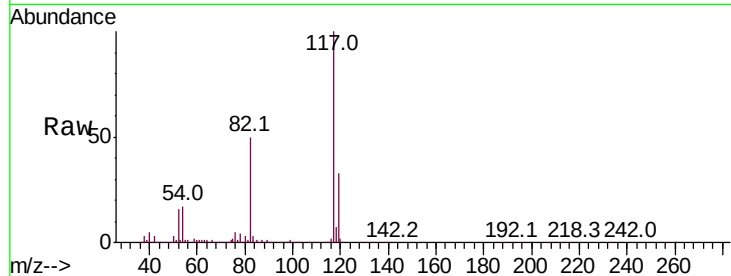




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

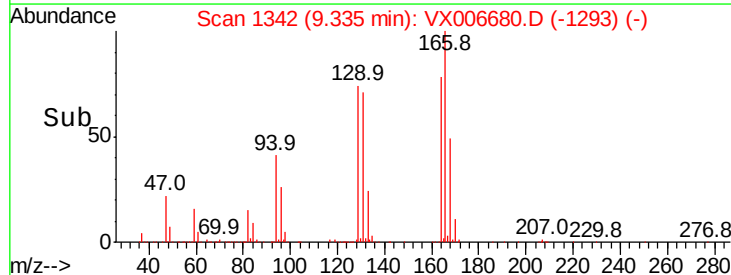
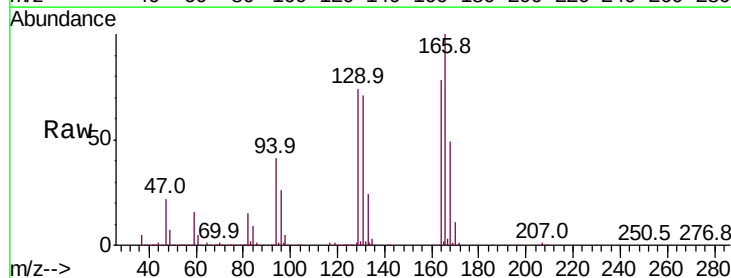
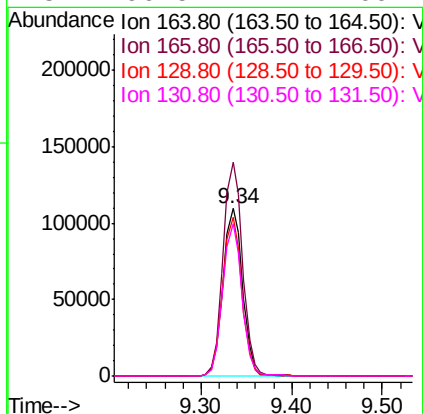
Instrument :
MSVOA_X
ClientSampleId :
975-MW-19(28)

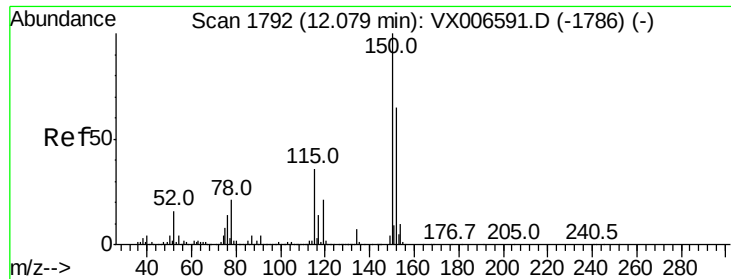
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.4	41.0	61.6
119	32.6	25.4	38.0



#64
Tetrachloroethene
Concen: 22.959 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	102.5	153.7
129	94.6	75.1	112.7
131	90.5	72.7	109.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006680.D

Acq: 20 Dec 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

975-MW-19(28)

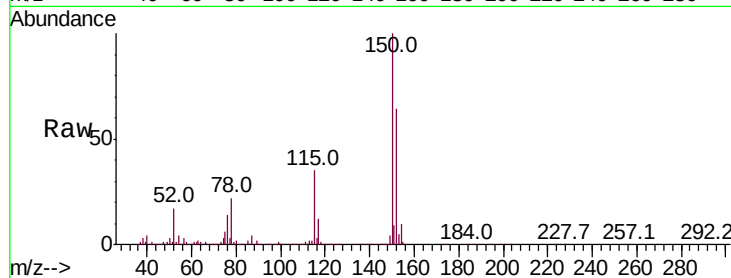
Tot Ion:152 Resp: 438630

Ion Ratio Lower Upper

152 100

115 56.3 39.1 117.2

150 156.9 0.0 344.8



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

