

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122618\
 Data File : VX006819.D
 Acq On : 26 Dec 2018 15:36
 Operator : JC/MD
 Sample : J6549-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8

Quant Time: Jan 14 13:29:23 2019
 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

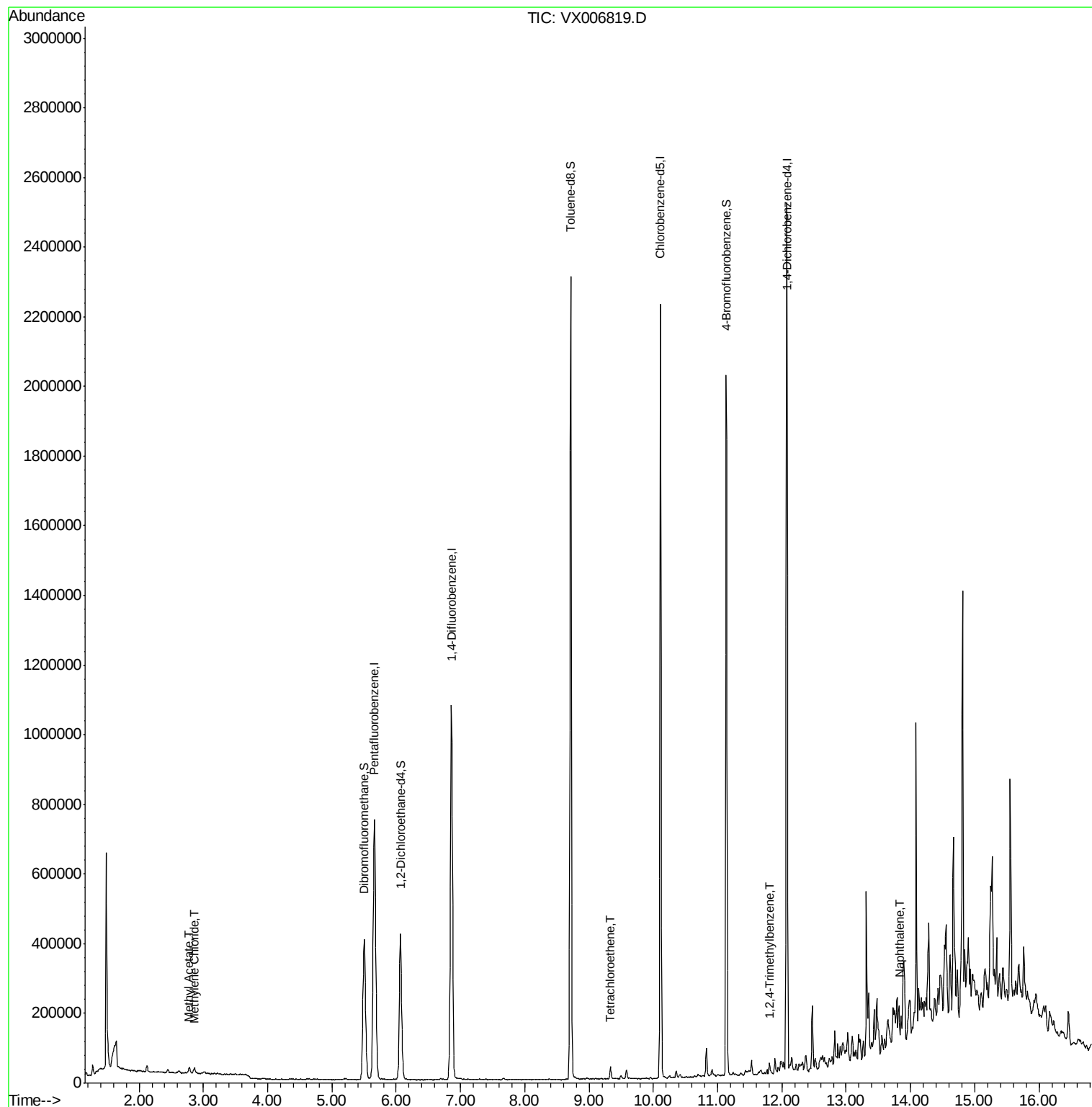
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	800244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1159437	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1056639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	553942	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	381562	44.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.48%	
35) Dibromofluoromethane	5.50	113	339609	46.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.64%	
50) Toluene-d8	8.71	98	1355370	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
62) 4-Bromofluorobenzene	11.13	95	500402	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
Target Compounds						
18) Methyl Acetate	2.78	43	22712	1.949	ug/l	96
20) Methylene Chloride	2.86	84	7613	0.929	ug/l #	83
64) Tetrachloroethene	9.34	164	7232	0.864	ug/l	87
84) 1,2,4-Trimethylbenzene	11.80	105	12969	0.395	ug/l	96
95) Naphthalene	13.83	128	9558	0.235	ug/l #	83

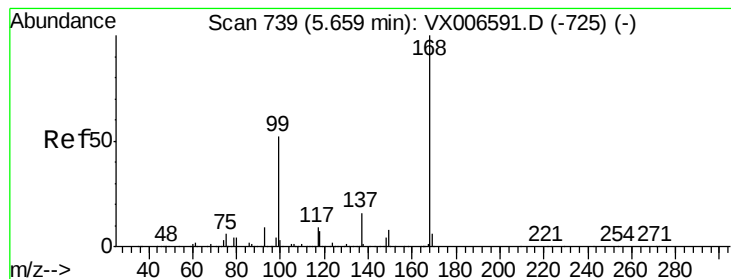
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006819.D

Acq: 26 Dec 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

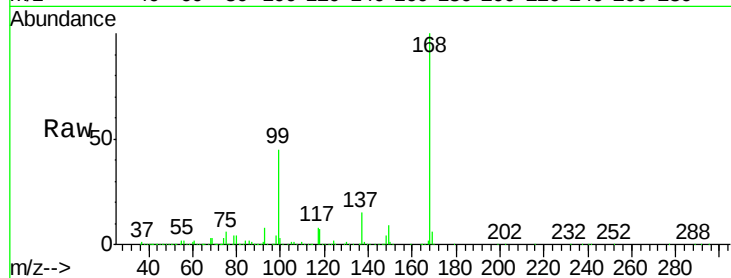
MW-8

Tot Ion:168 Resp: 800244

Ion Ratio Lower Upper

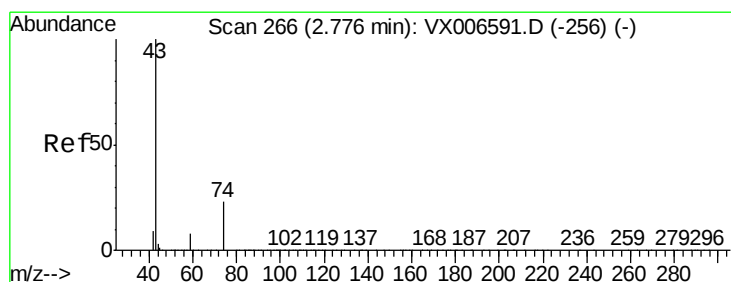
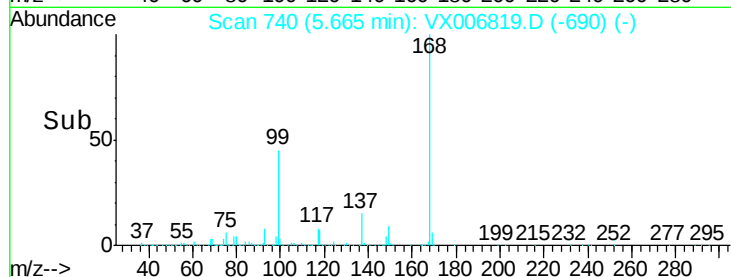
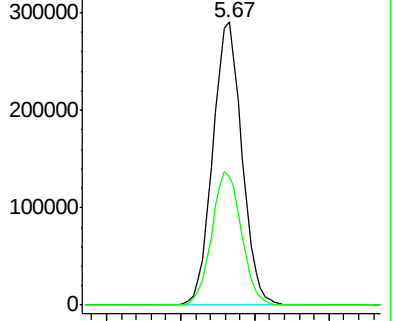
168 100

99 45.2 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#18

Methyl Acetate

Concen: 1.949 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006819.D

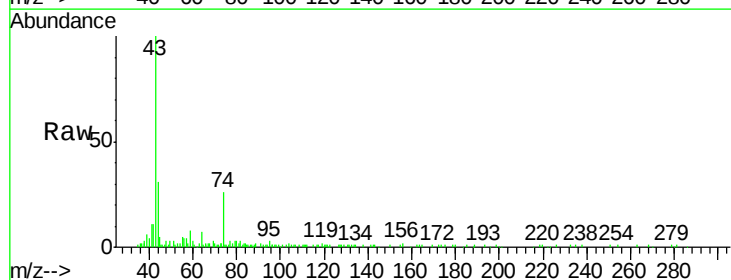
Acq: 26 Dec 2018 15:36

Tgt Ion: 43 Resp: 22712

Ion Ratio Lower Upper

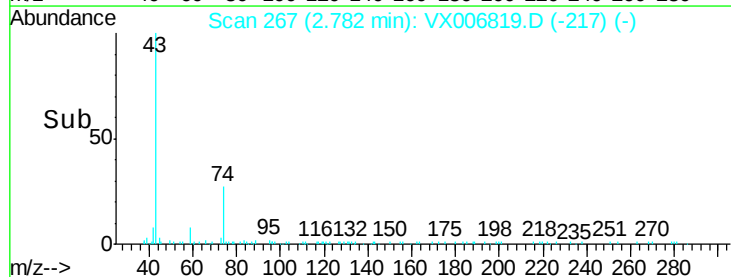
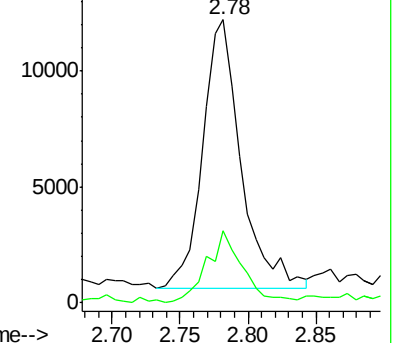
43 100

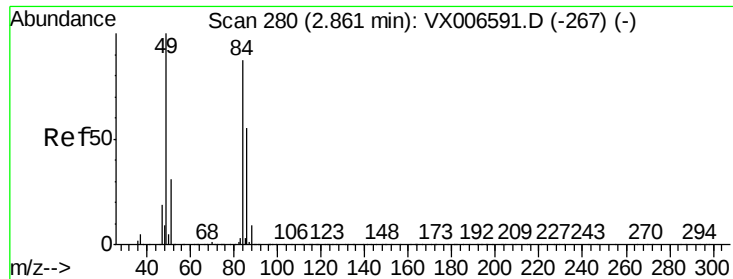
74 25.4 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methvlene Chloride

Concen: 0.929 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX006819.D

Acq: 26 Dec 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

MW-8

Tot Ion: 84 Resp: 7613

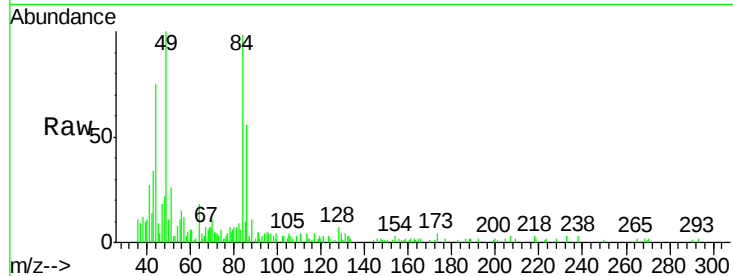
Ion Ratio Lower Upper

84 100

49 95.2 91.8 137.6

51 23.9 28.5 42.7#

86 51.7 50.2 75.2

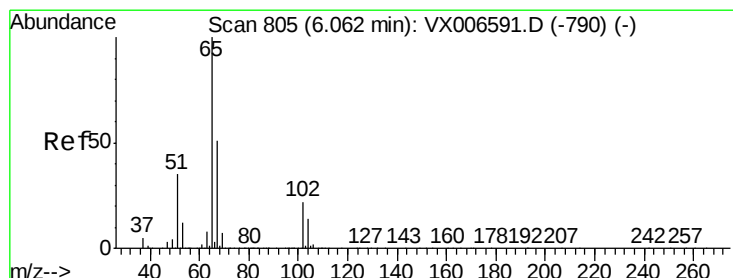
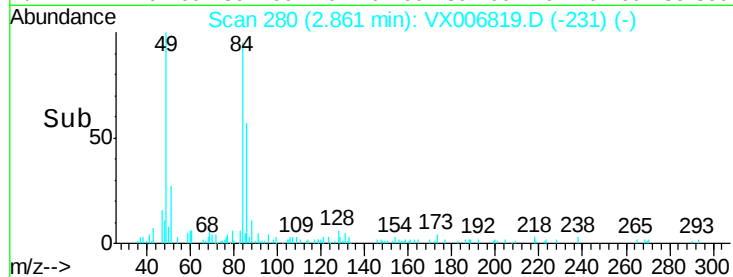
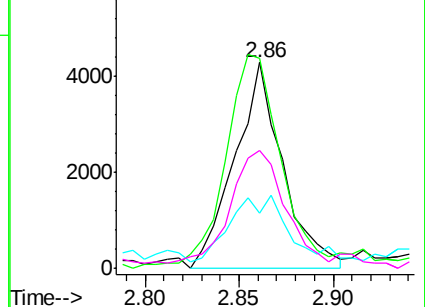


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 44.241 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006819.D

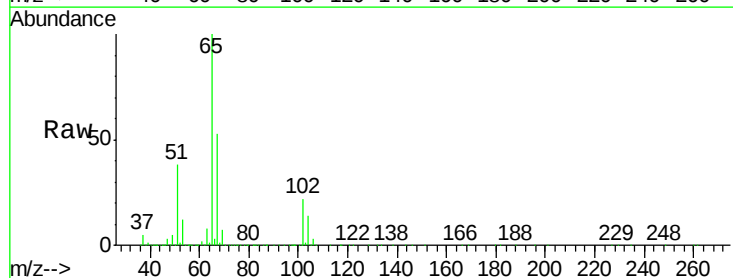
Acq: 26 Dec 2018 15:36

Tgt Ion: 65 Resp: 381562

Ion Ratio Lower Upper

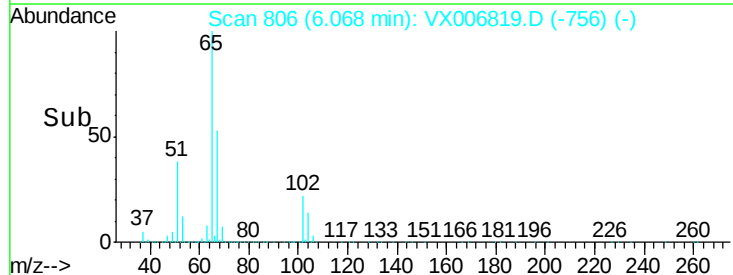
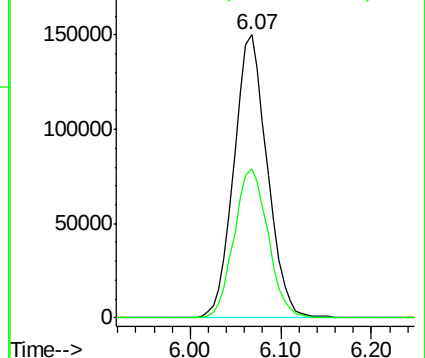
65 100

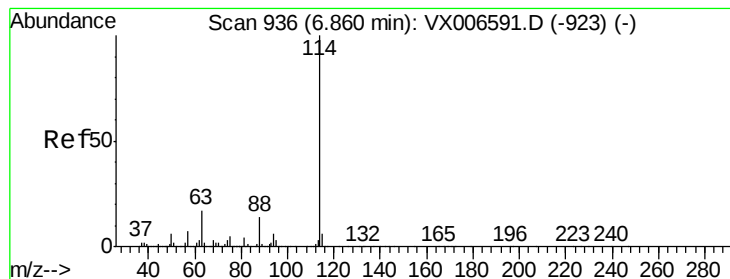
67 53.9 0.0 105.0



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: VX006819.D

Acq: 26 Dec 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

MW-8

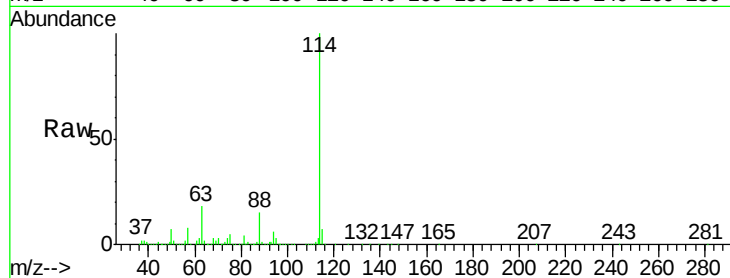
Tot Ion:114 Resp: 1159437

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.8

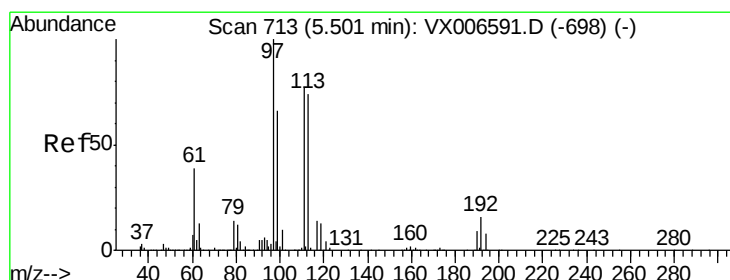
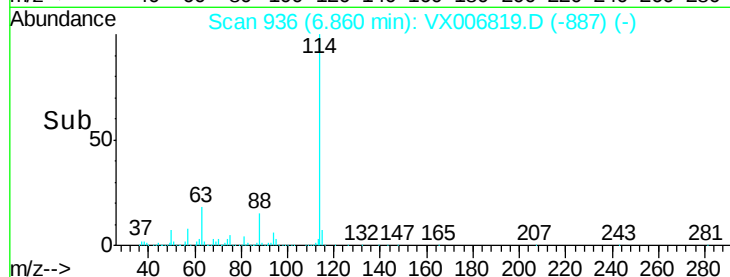
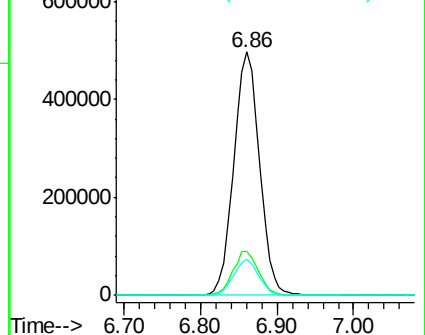
88 14.8 0.0 28.8



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



#35

Dibromofluoromethane

Concen: 46.318 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006819.D

Acq: 26 Dec 2018 15:36

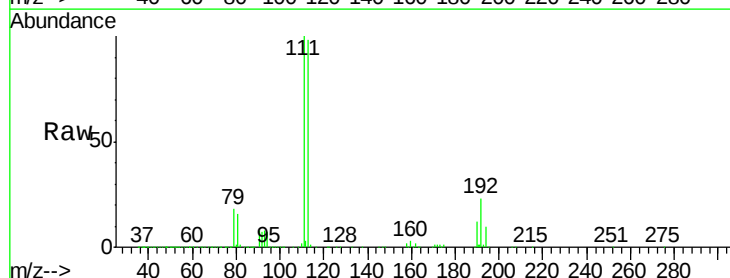
Tgt Ion:113 Resp: 339609

Ion Ratio Lower Upper

113 100

111 103.1 81.6 122.4

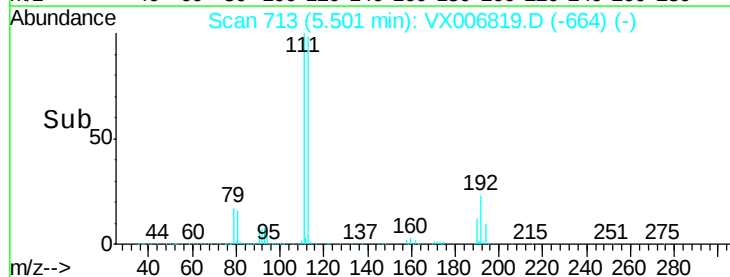
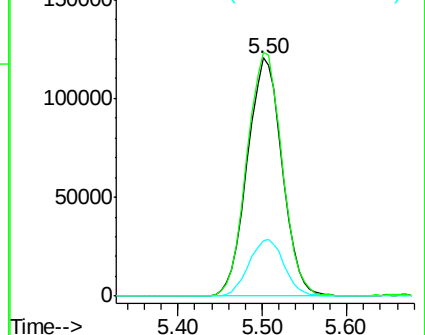
192 24.0 16.7 25.1

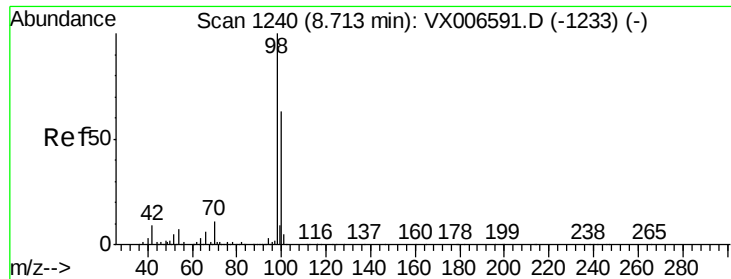


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.033 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006819.D

Acq: 26 Dec 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

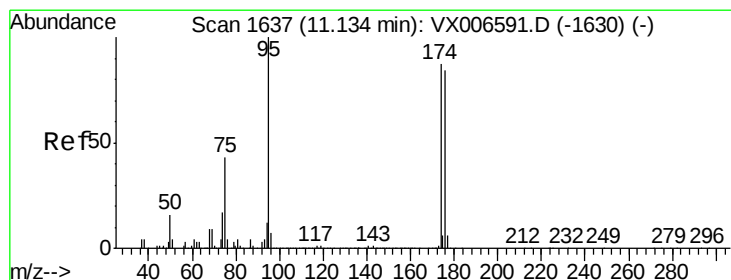
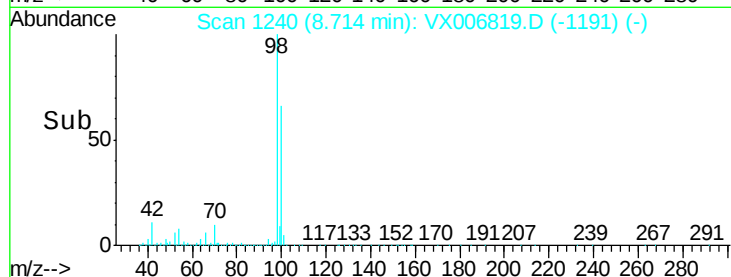
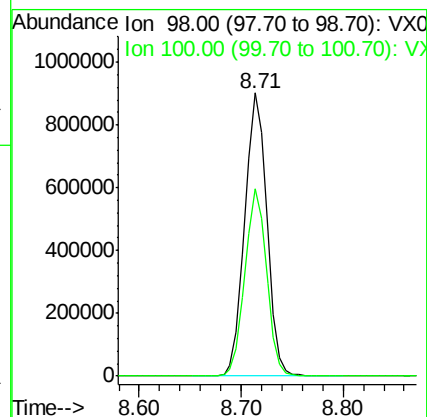
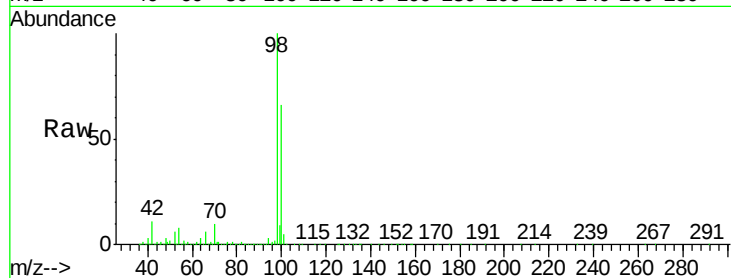
MW-8

Tot Ion: 98 Resp: 1355370

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.429 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006819.D

Acq: 26 Dec 2018 15:36

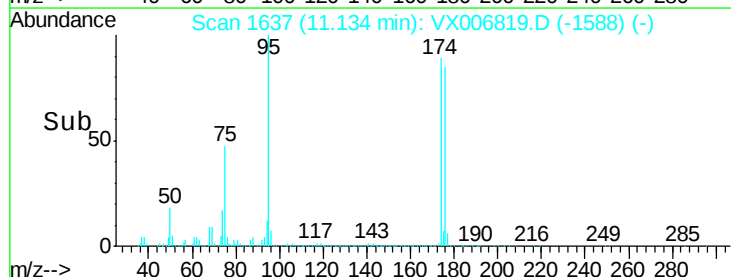
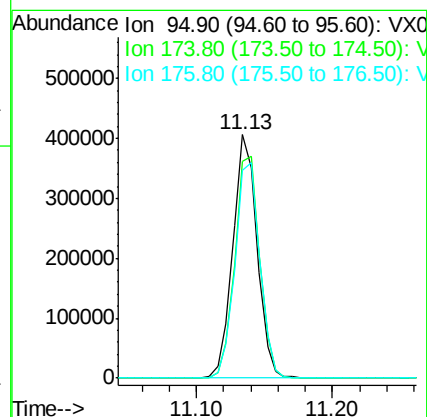
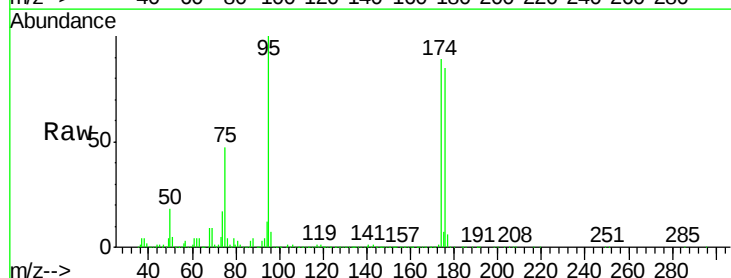
Tgt Ion: 95 Resp: 500402

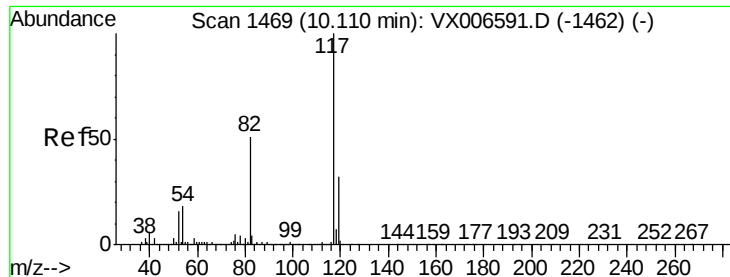
Ion Ratio Lower Upper

95 100

174 94.4 0.0 182.2

176 91.6 0.0 178.8

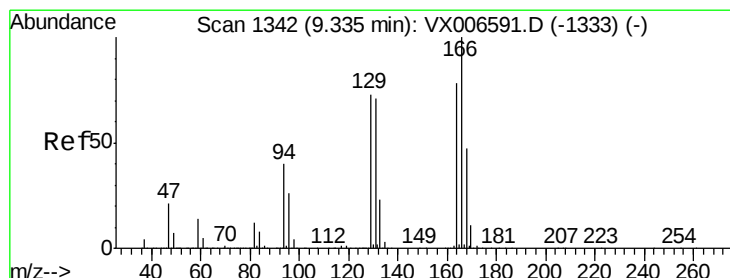
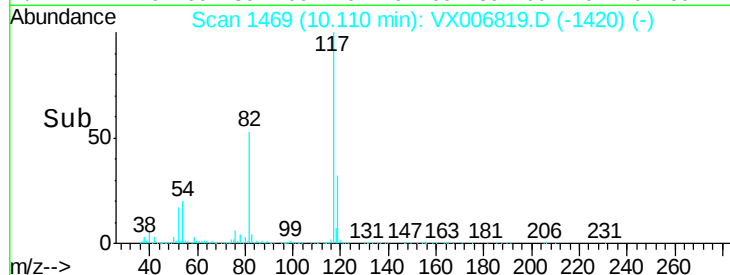
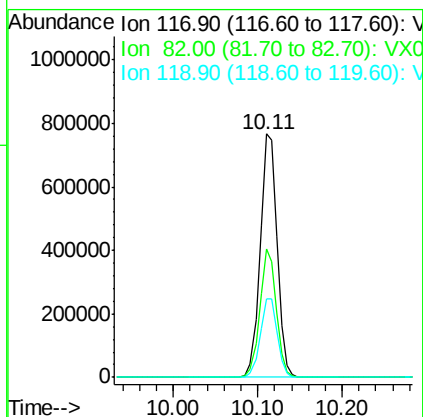
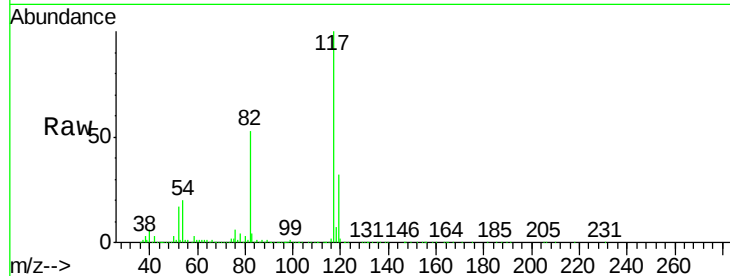




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006819.D
Acq: 26 Dec 2018 15:36

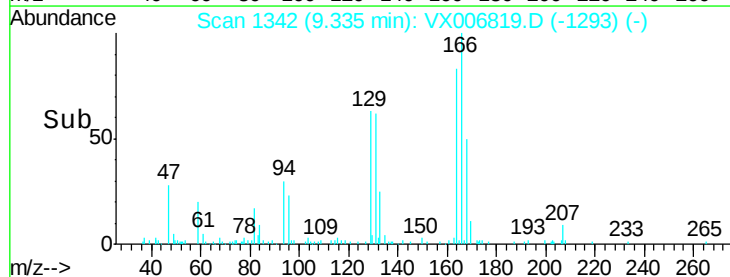
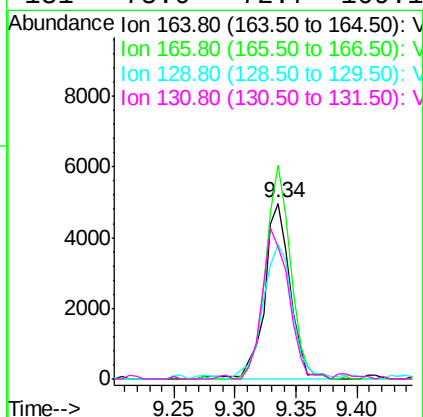
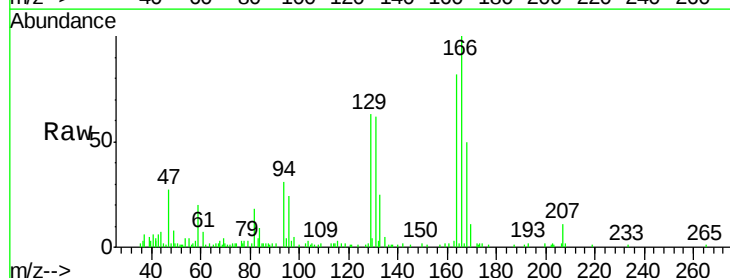
Instrument :
MSVOA_X
ClientSampled :
MW-8

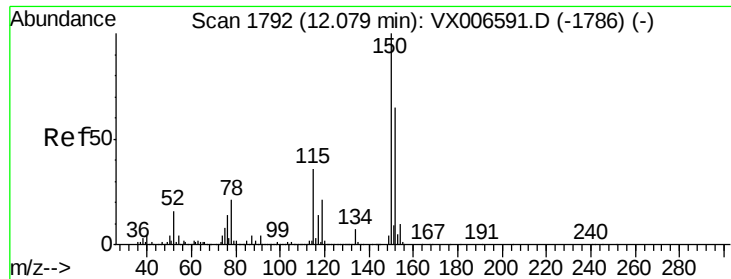
Tot Ion:117 Resp: 1056639
Ion Ratio Lower Upper
117 100
82 52.9 41.0 61.6
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 0.864 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006819.D
Acq: 26 Dec 2018 15:36

Tgt Ion:164 Resp: 7232
Ion Ratio Lower Upper
164 100
166 121.5 102.5 153.7
129 76.2 75.1 112.7
131 75.0 72.7 109.1

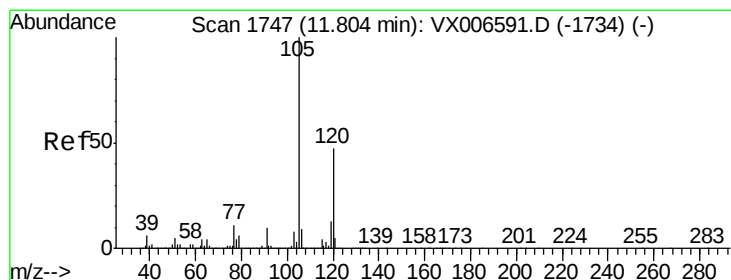
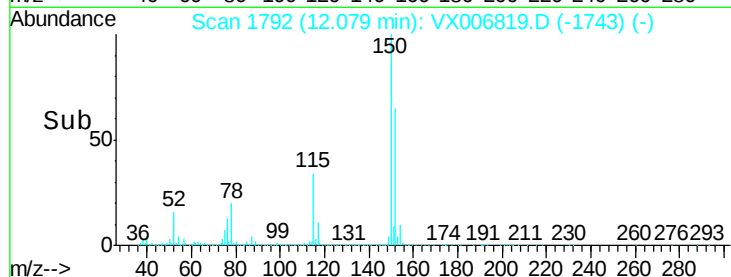
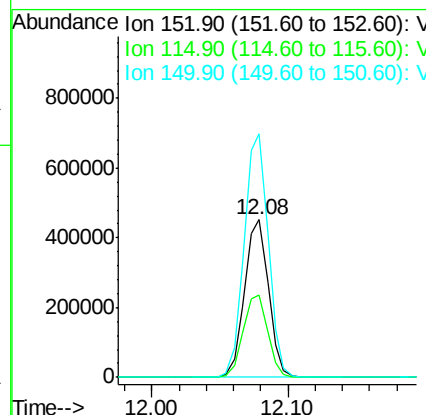
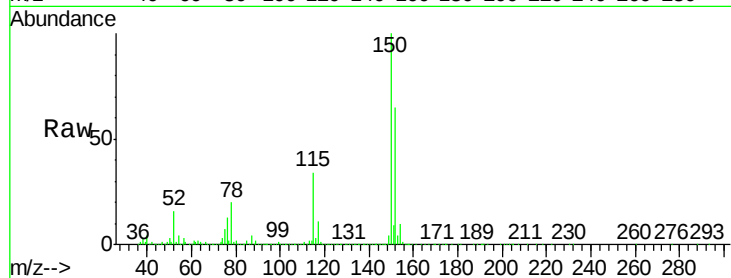




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX006819.D
 Acq: 26 Dec 2018 15:36

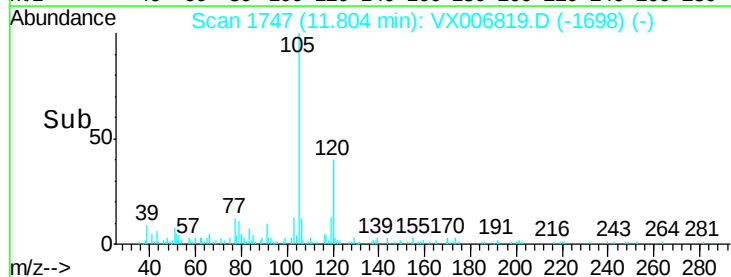
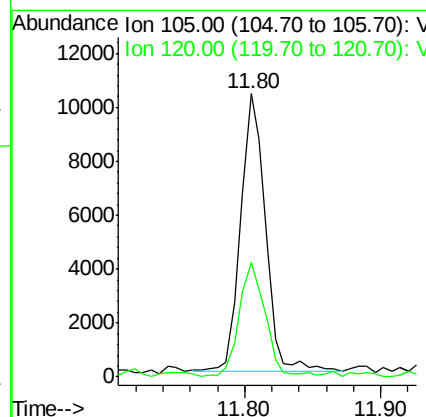
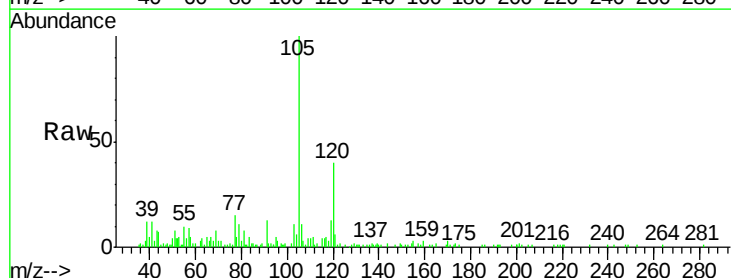
Instrument :
 MSVOA_X
 ClientSampled :
 MW-8

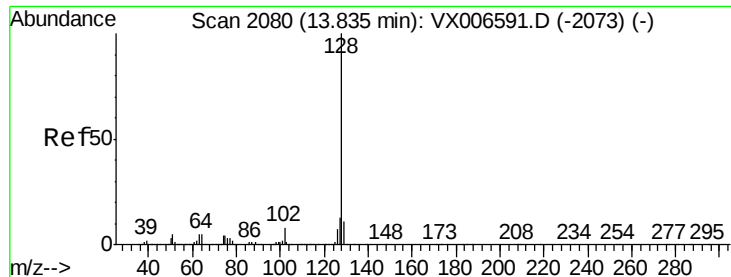
Tot Ion	Ratio	Lower	Upper
152	100		
115	53.5	39.1	117.2
150	155.4	0.0	344.8



#84
 1,2,4-Trimethylbenzene
 Concen: 0.395 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006819.D
 Acq: 26 Dec 2018 15:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	23.2	69.6





#95

Naphthalene

Concen: 0.235 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006819.D

Acq: 26 Dec 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

MW-8

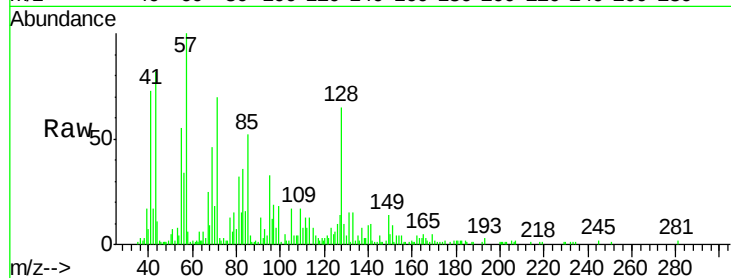
Tot Ion:128 Resp: 9558

Ion Ratio Lower Upper

128 100

127 15.9 10.1 15.1#

129 21.1 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

