

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010319\
 Data File : VX006895.D
 Acq On : 03 Jan 2019 15:25
 Operator : JC/MD
 Sample : K1029-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW12 123118

Quant Time: Jan 04 00:21:00 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	648268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	977046	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	903499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	438634	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	335212	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
35) Dibromofluoromethane	5.50	113	301933	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
50) Toluene-d8	8.71	98	1163250	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	11.13	95	410439	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	

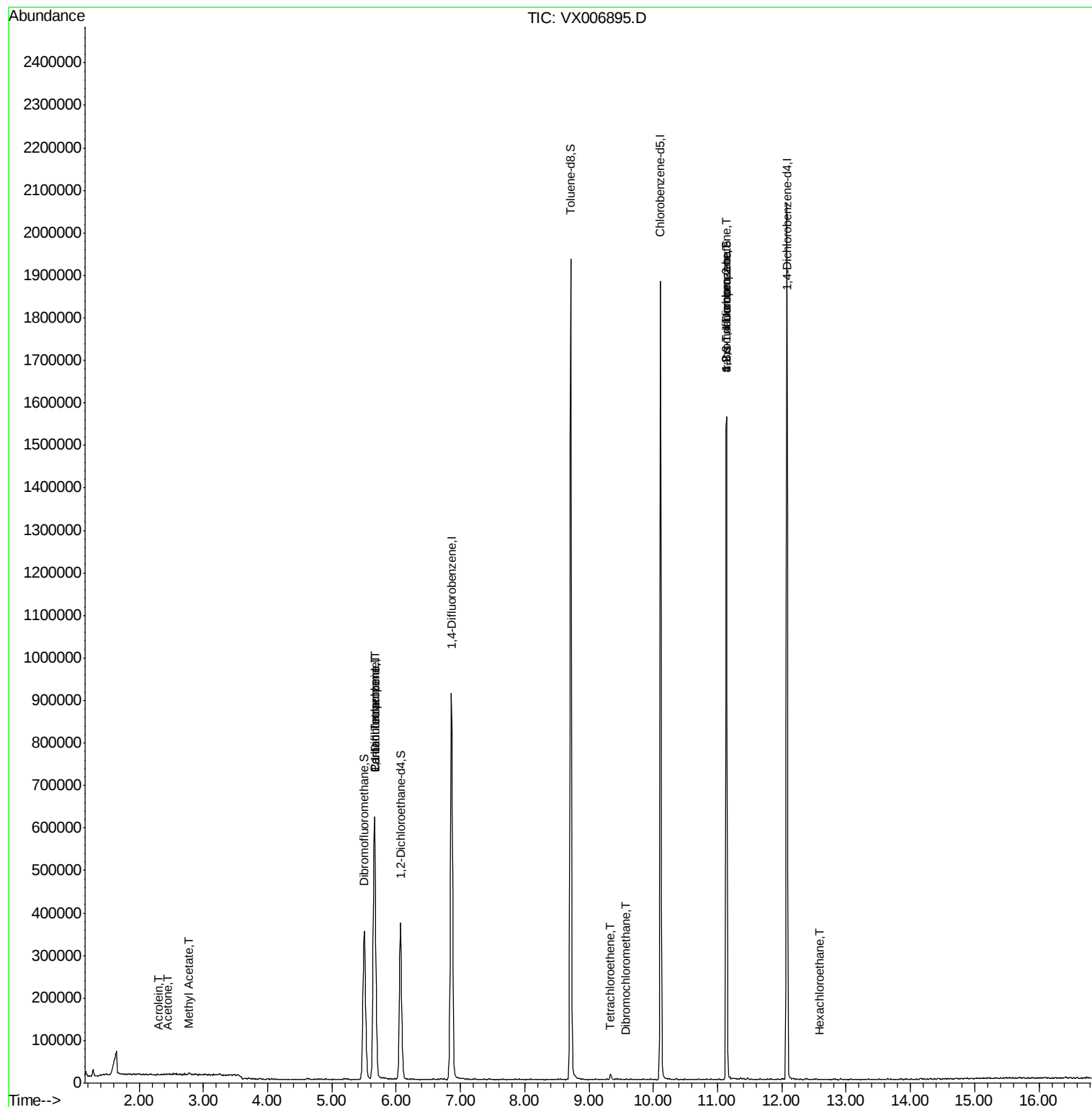
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1973	Below Cal	#	66
13) Acrolein	2.30	56	626	0.595	ug/l	98
16) Acetone	2.44	43	2162	0.674	ug/l	98
18) Methyl Acetate	2.78	43	4835	0.512	ug/l #	70
28) Bromochloromethane	5.01	49	216	Below Cal	#	29
36) 1,1-Dichloropropene	5.66	75	41165	5.087	ug/l #	49
38) Carbon Tetrachloride	5.66	117	57702	7.337	ug/l #	14
49) 1,4-Dioxane	7.78	88	132	Below Cal	#	1
60) Dibromochloromethane	9.57	129	135	2.343	ug/l	97
64) Tetrachloroethene	9.33	164	2388	0.334	ug/l	91
76) 1,2,3-Trichloropropane	11.13	75	195872	24.029	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	195872	71.168	ug/l #	10
90) Hexachloroethane	12.58	117	116	3.319	ug/l #	6

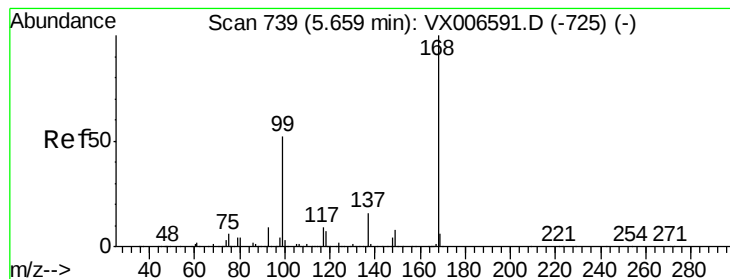
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX010319\
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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006895.D

Acq: 03 Jan 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

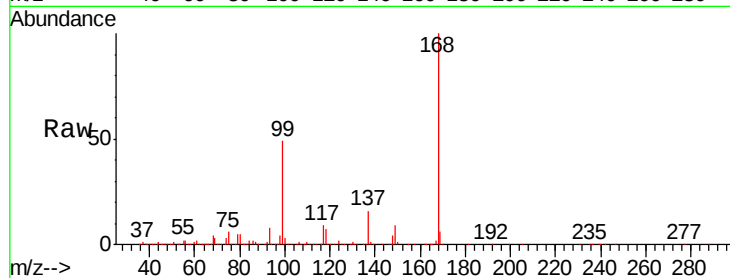
MW12 123118

Tgt Ion:168 Resp: 648268

Ion Ratio Lower Upper

168 100

99 48.6 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

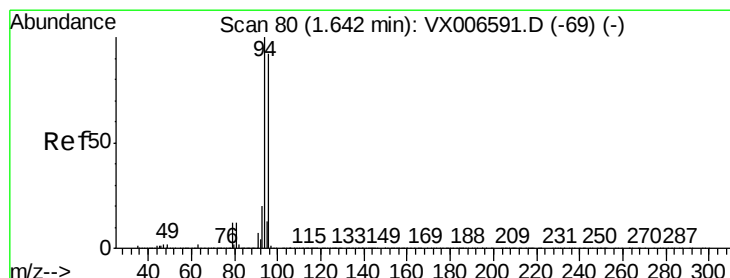
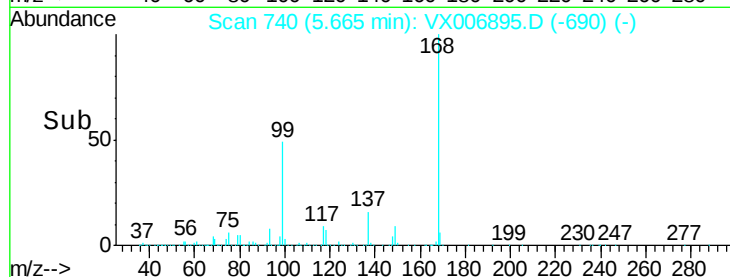
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006895.D

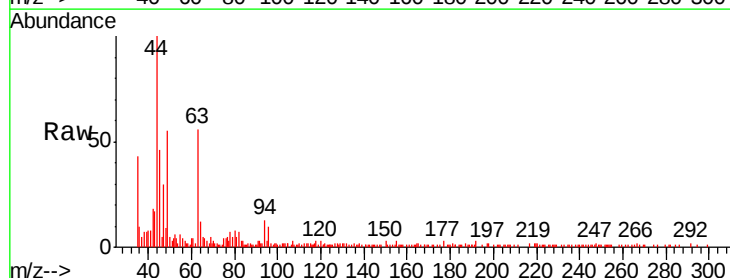
Acq: 03 Jan 2019 15:25

Tgt Ion: 94 Resp: 1973

Ion Ratio Lower Upper

94 100

96 59.4 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

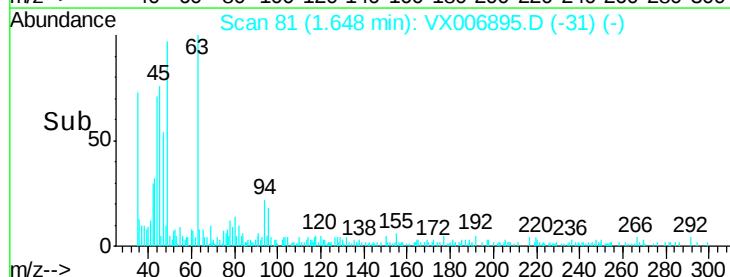
1.65

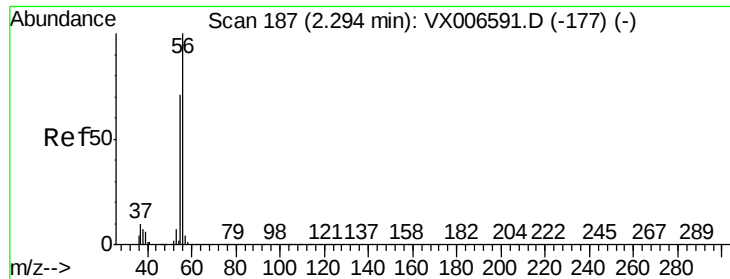
1000

500

0

Time-->

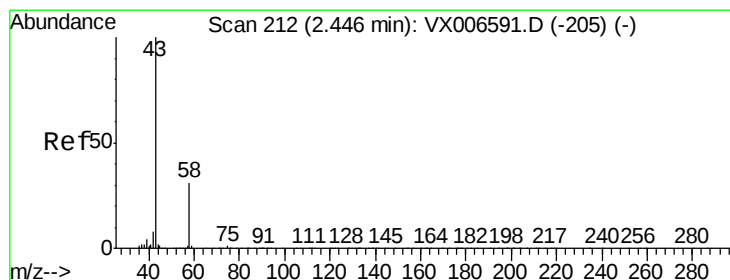
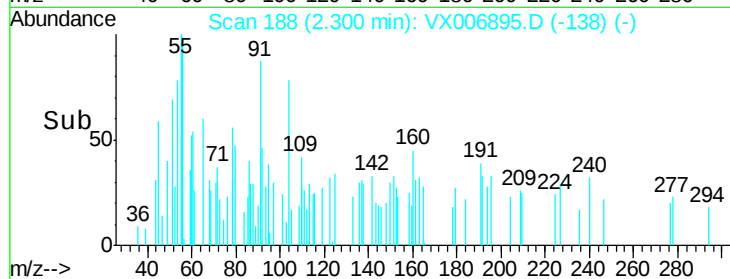
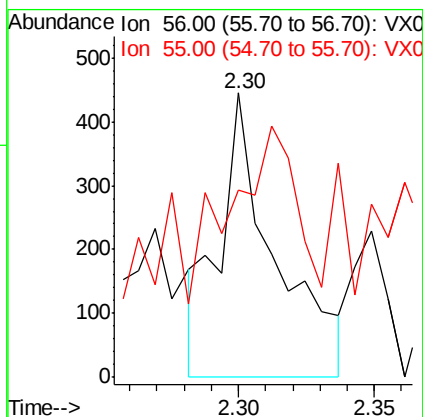
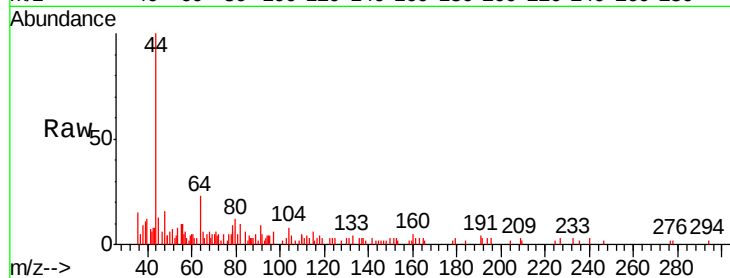




#13
Acrolein
Concen: 0.595 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX006895.D
Acq: 03 Jan 2019 15:25

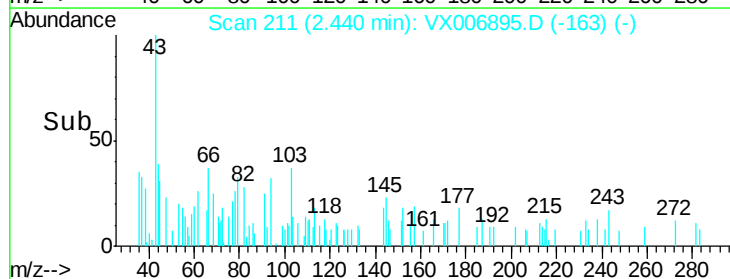
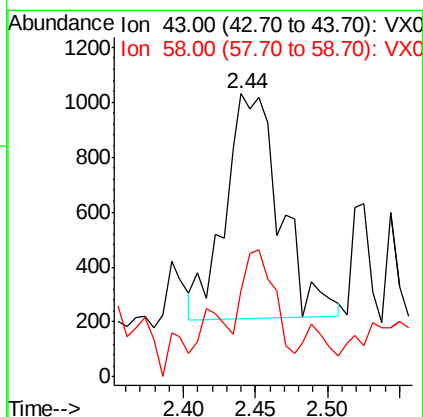
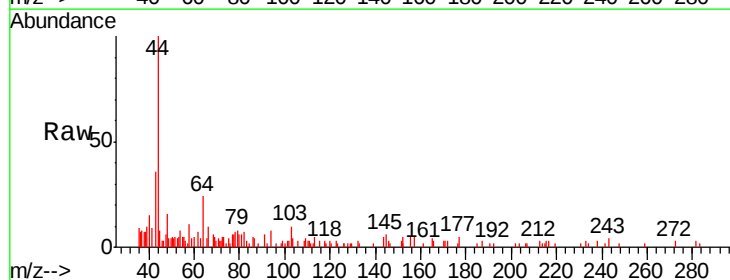
Instrument :
MSVOA_X
ClientSampleId :
MW12_123118

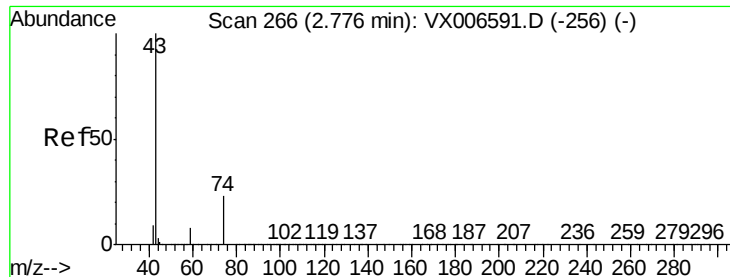
Tgt Ion: 56 Resp: 626
Ion Ratio Lower Upper
56 100
55 74.4 58.2 87.4



#16
Acetone
Concen: 0.674 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX006895.D
Acq: 03 Jan 2019 15:25

Tgt Ion: 43 Resp: 2162
Ion Ratio Lower Upper
43 100
58 30.0 25.0 37.6

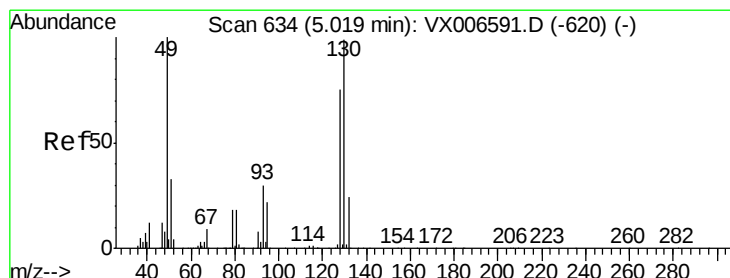
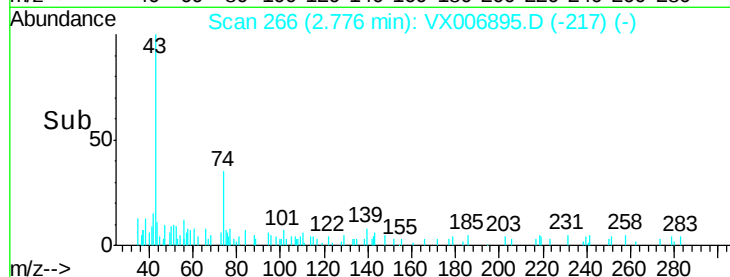
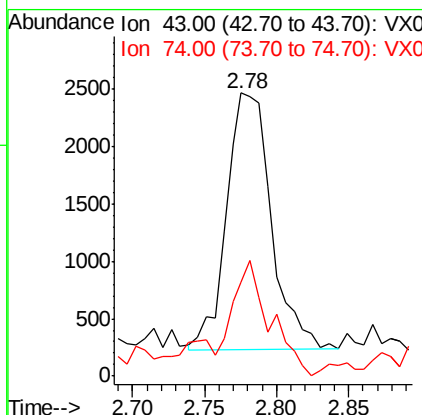
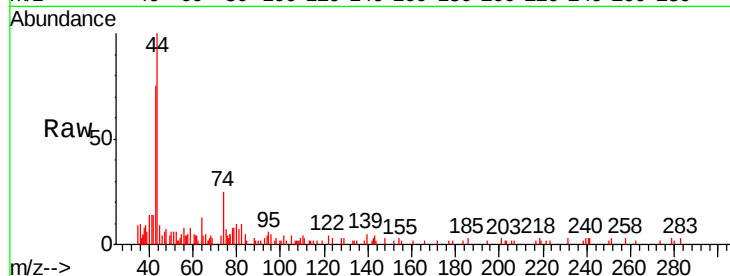




#18
Methyl Acetate
Concen: 0.512 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006895.D
Acq: 03 Jan 2019 15:25

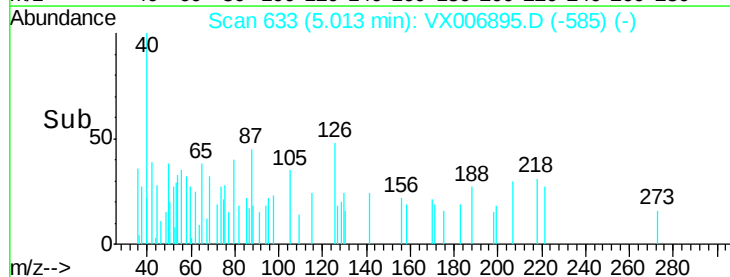
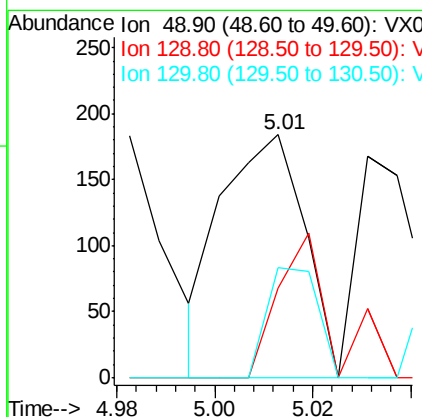
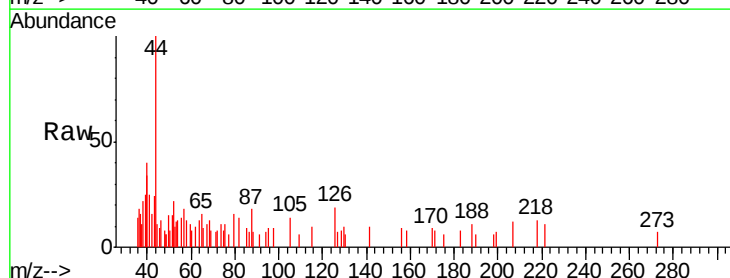
Instrument :
MSVOA_X
ClientSampled :
MW12 123118

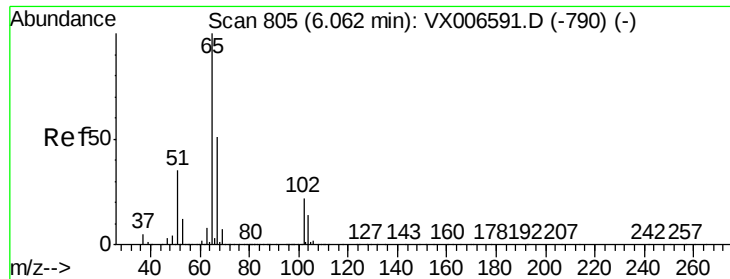
Tgt Ion: 43 Resp: 4835
Ion Ratio Lower Upper
43 100
74 38.0 18.6 28.0#



#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006895.D
Acq: 03 Jan 2019 15:25

Tgt Ion: 49 Resp: 216
Ion Ratio Lower Upper
49 100
129 38.9 0.0 5.4#
130 27.8 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 47.978 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006895.D

Acq: 03 Jan 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

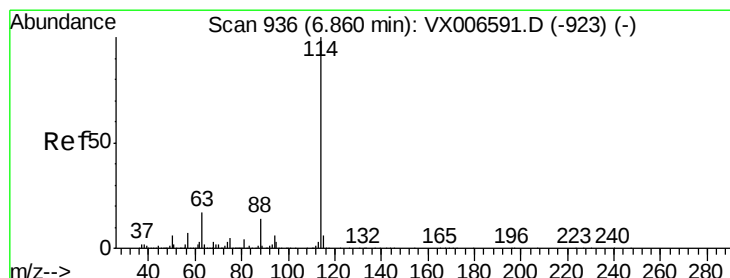
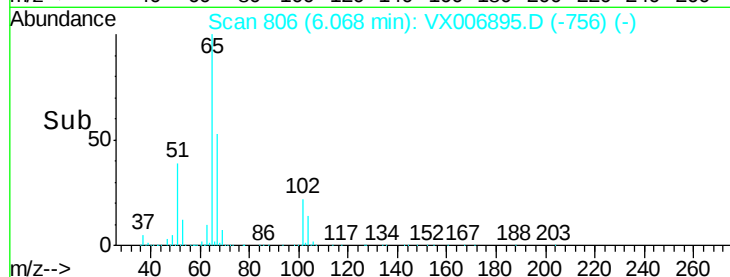
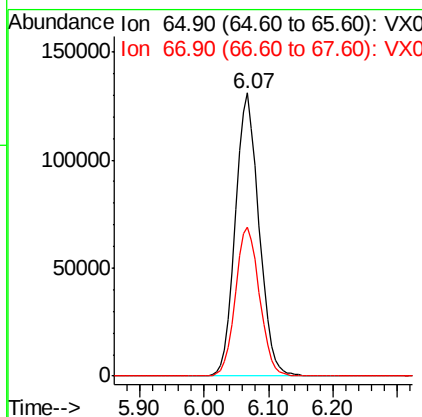
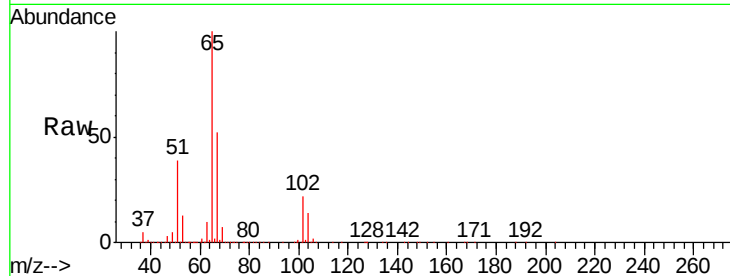
MW12 123118

Tgt Ion: 65 Resp: 335212

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006895.D

Acq: 03 Jan 2019 15:25

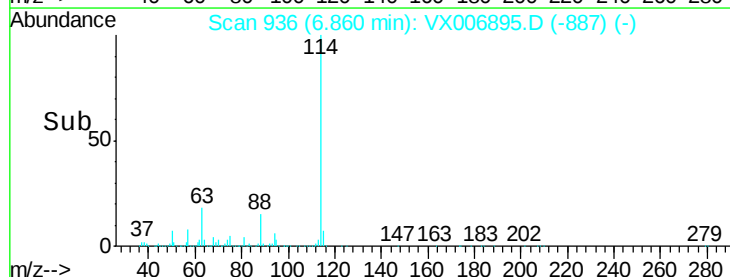
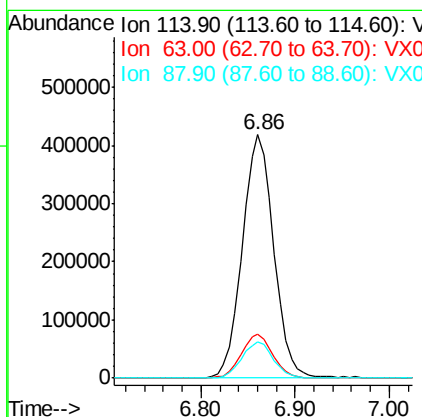
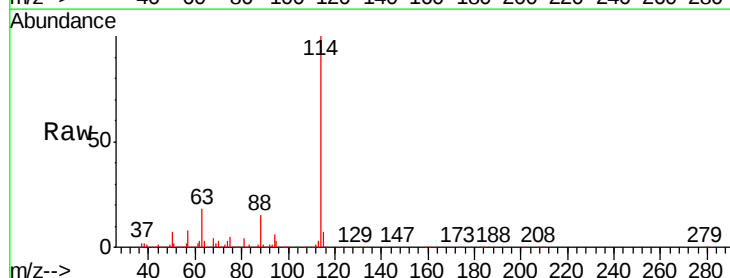
Tgt Ion: 114 Resp: 977046

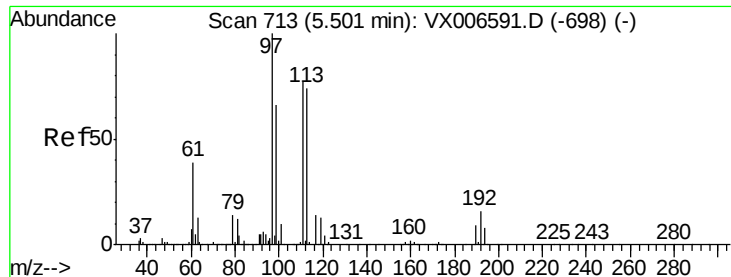
Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.8

88 15.0 0.0 28.8

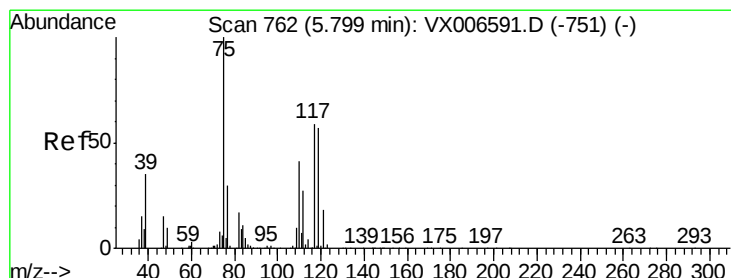
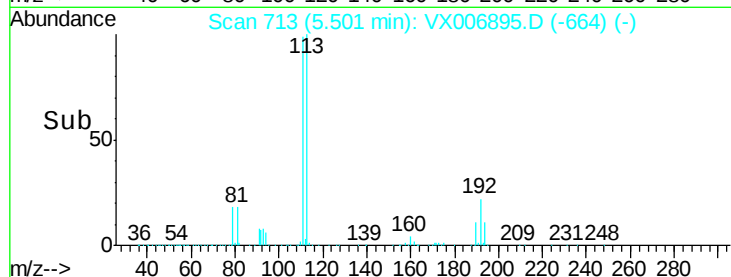
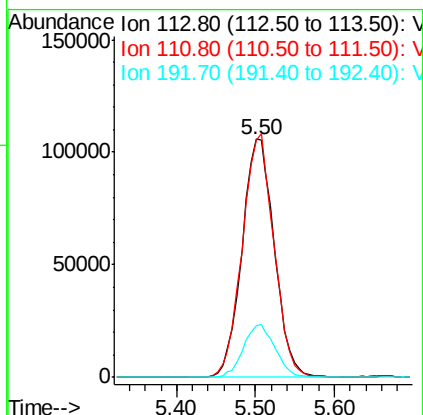
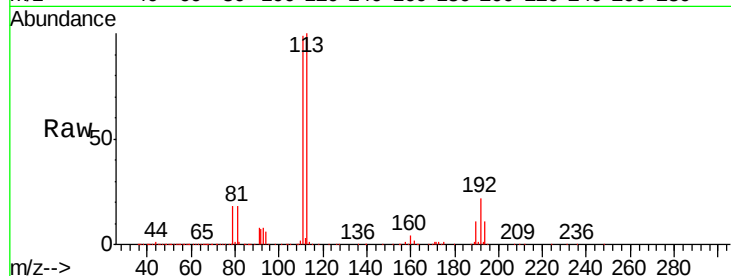




#35
Dibromofluoromethane
Concen: 48.867 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006895.D
Acq: 03 Jan 2019 15:25

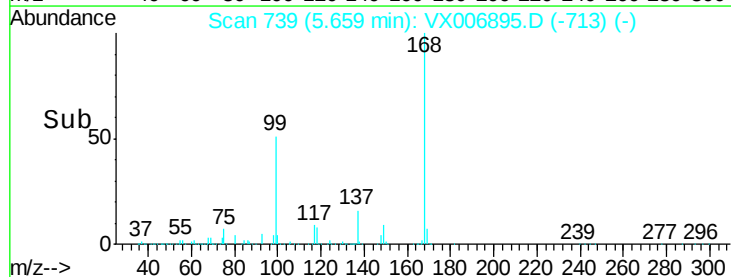
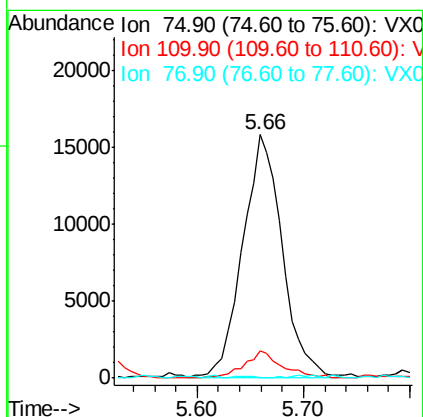
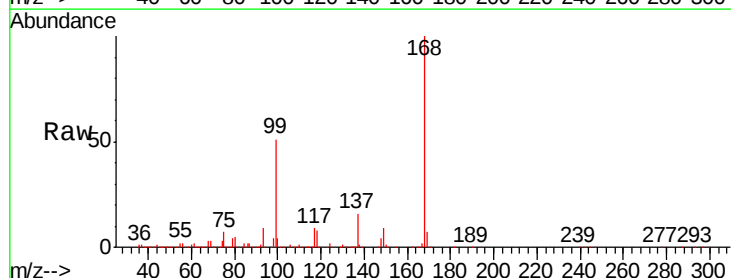
Instrument :
MSVOA_X
ClientSampled :
MW12 123118

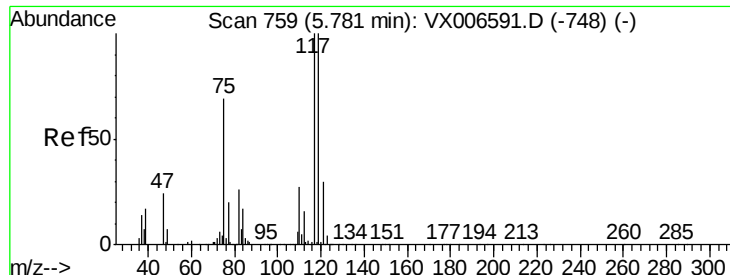
Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.9	81.6	122.4
192	22.0	16.7	25.1



#36
1,1-Dichloropropene
Concen: 5.087 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX006895.D
Acq: 03 Jan 2019 15:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.7	20.2	60.5#
77	0.3	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 7.337 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006895.D

Acq: 03 Jan 2019 15:25

Instrument :

MSVOA_X

ClientSampled :

MW12 123118

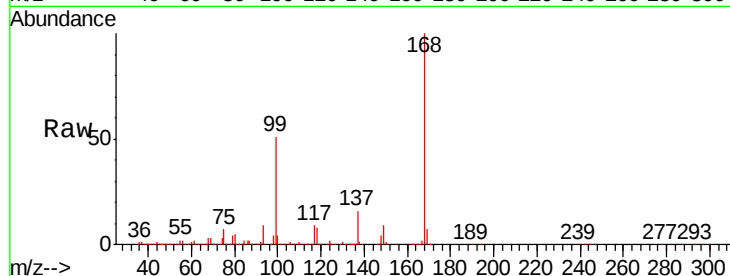
Tgt Ion:117 Resp: 57702

Ion Ratio Lower Upper

117 100

119 4.7 79.4 119.2#

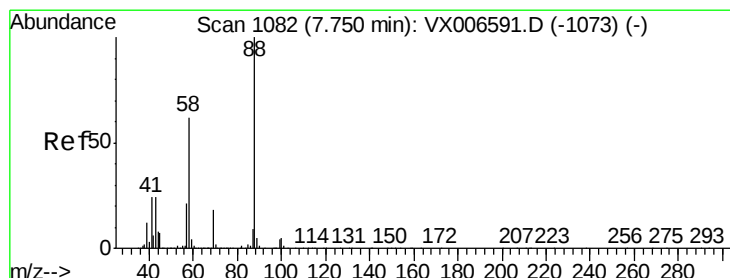
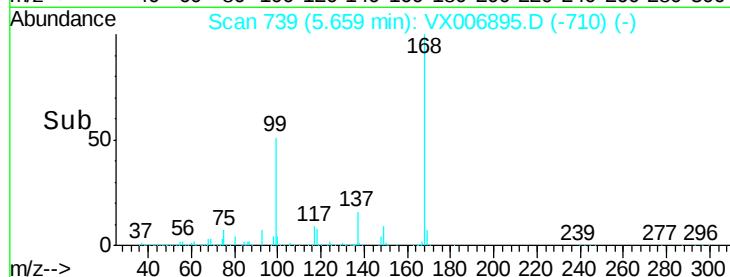
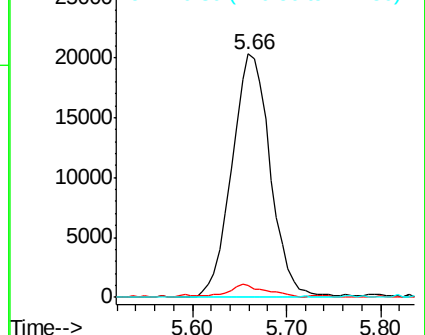
121 0.0 24.0 36.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: Below Cal

RT: 7.78 min Scan# 1087

Delta R.T. 0.03 min

Lab File: VX006895.D

Acq: 03 Jan 2019 15:25

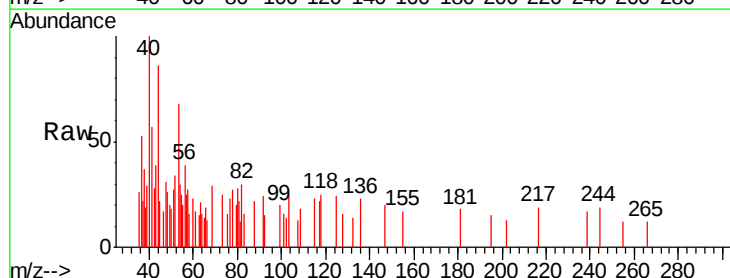
Tgt Ion: 88 Resp: 132

Ion Ratio Lower Upper

88 100

43 332.6 22.2 33.4#

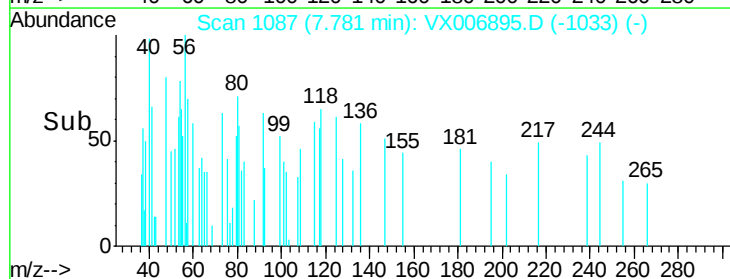
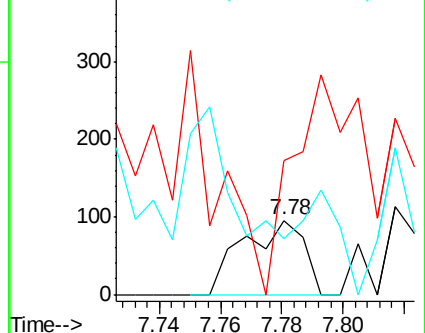
58 87.9 51.0 76.4#

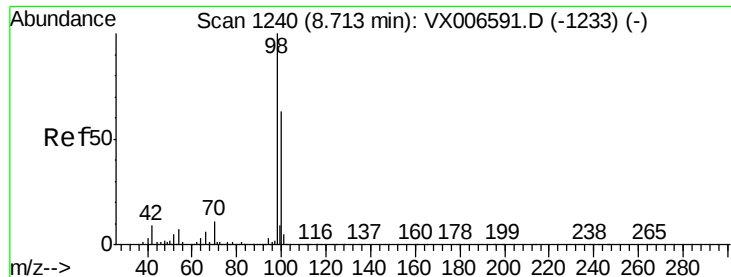


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.938 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006895.D

Acq: 03 Jan 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

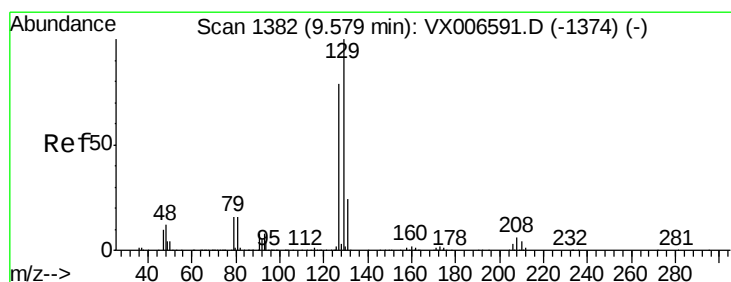
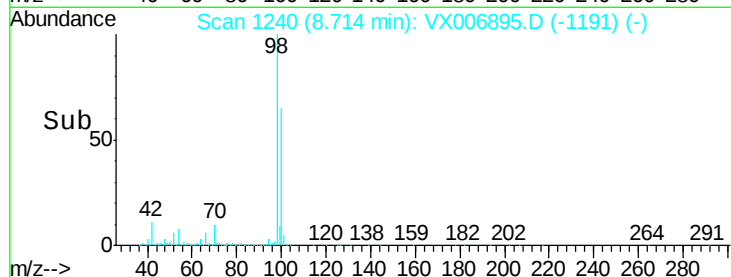
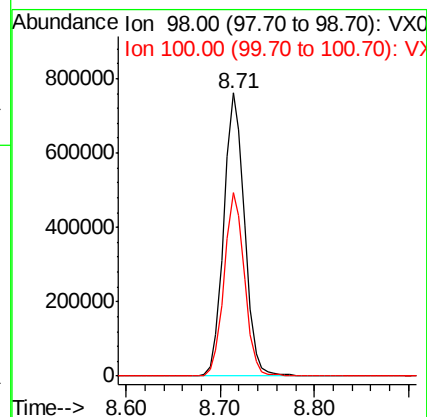
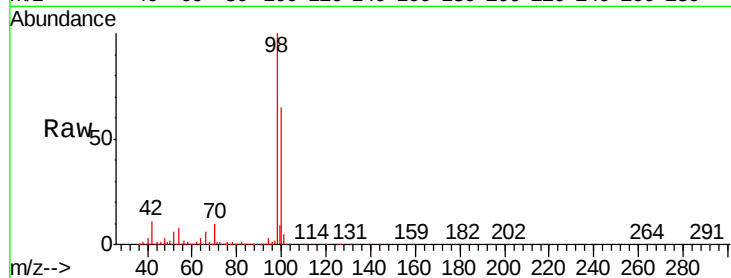
MW12 123118

Tgt Ion: 98 Resp: 1163250

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



#60

Dibromochloromethane

Concen: 2.343 ug/l

RT: 9.57 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VX006895.D

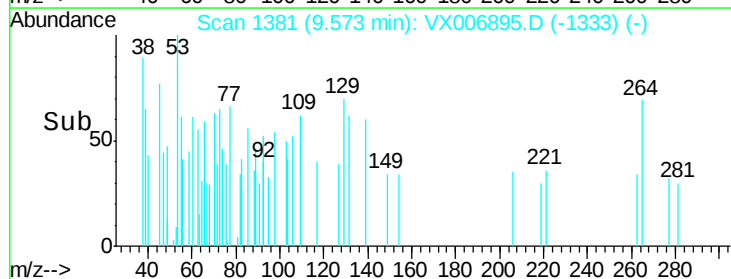
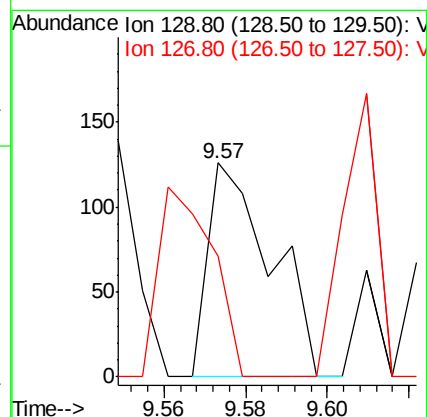
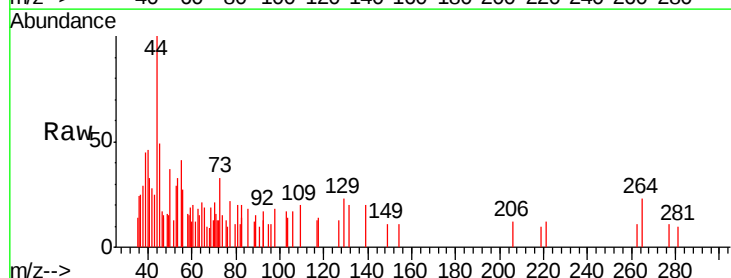
Acq: 03 Jan 2019 15:25

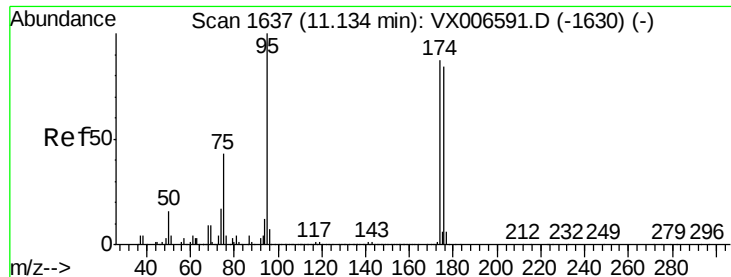
Tgt Ion: 129 Resp: 135

Ion Ratio Lower Upper

129 100

127 75.6 39.3 117.8

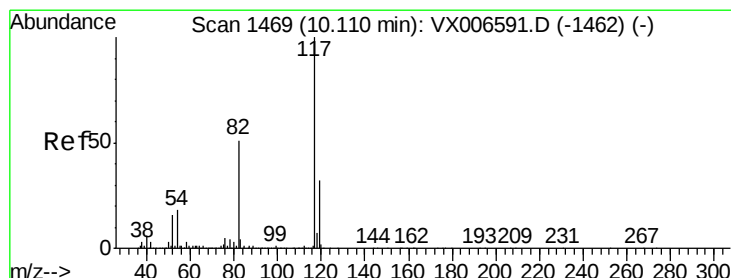
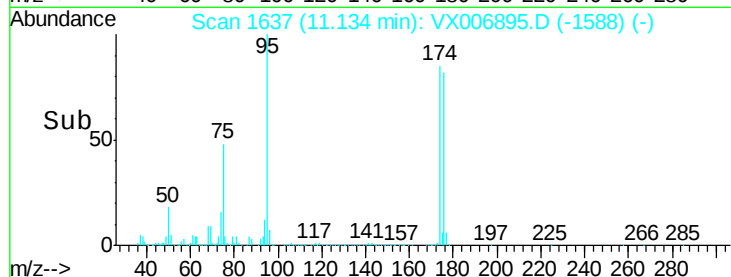
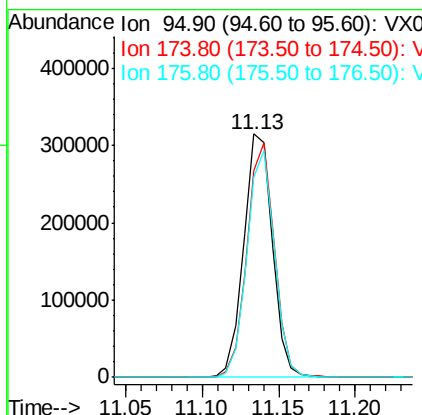
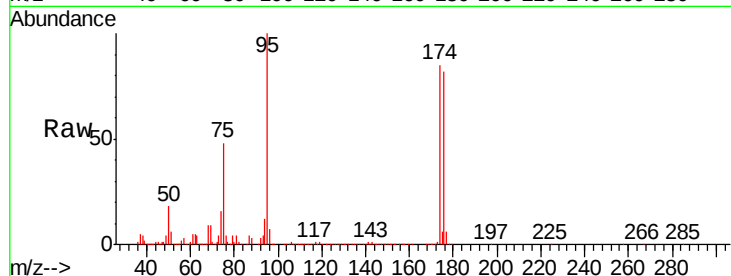




#62
4-Bromofluorobenzene
Concen: 48.111 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX006895.D
Acq: 03 Jan 2019 15:25

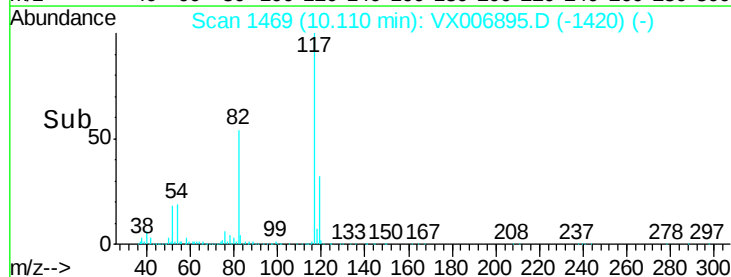
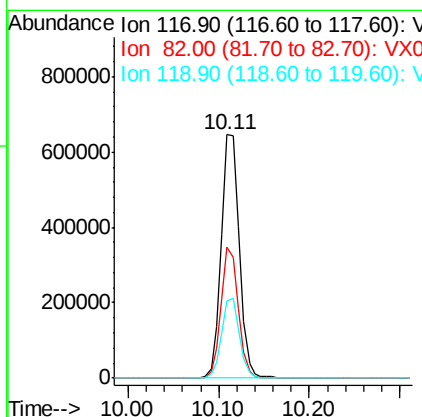
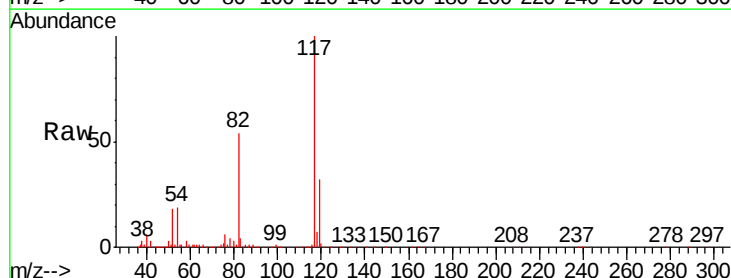
Instrument :
MSVOA_X
ClientSampleId :
MW12 123118

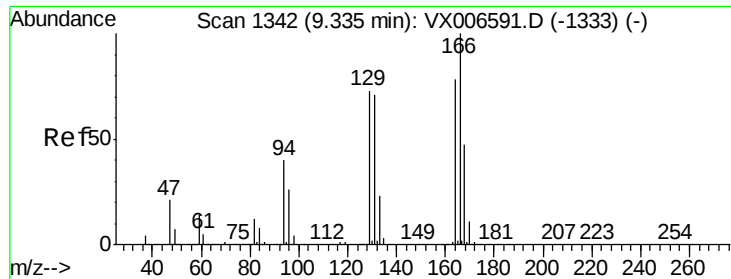
Tgt Ion: 95 Resp: 410439
Ion Ratio Lower Upper
95 100
174 92.5 0.0 182.2
176 89.6 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006895.D
Acq: 03 Jan 2019 15:25

Tgt Ion: 117 Resp: 903499
Ion Ratio Lower Upper
117 100
82 53.7 41.0 61.6
119 31.7 25.4 38.0





#64

Tetrachloroethene

Concen: 0.334 ug/l

RT: 9.33 min Scan# 1341

Delta R.T. -0.01 min

Lab File: VX006895.D

Acq: 03 Jan 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

MW12 123118

Tgt Ion:164 Resp: 2388

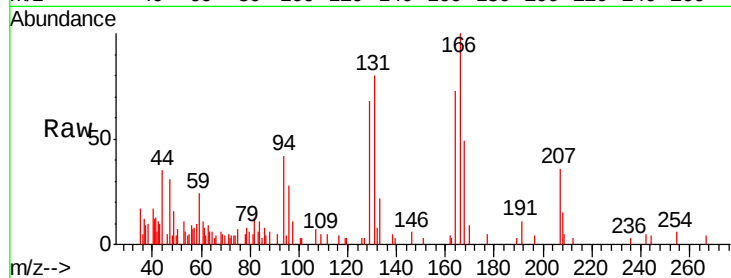
Ion Ratio Lower Upper

164 100

166 136.1 102.5 153.7

129 92.4 75.1 112.7

131 109.0 72.7 109.1



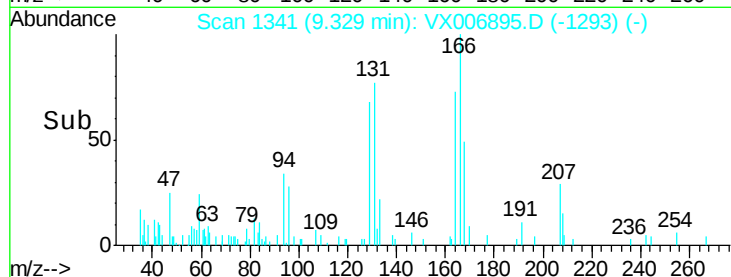
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

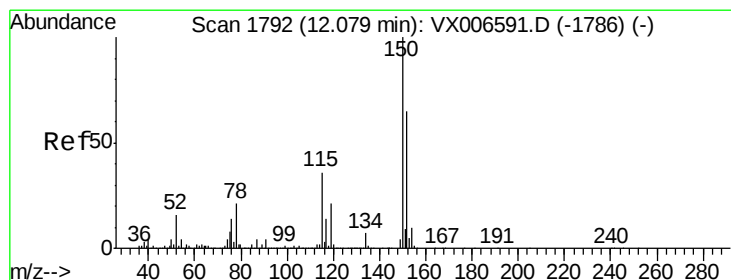
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006895.D

Acq: 03 Jan 2019 15:25

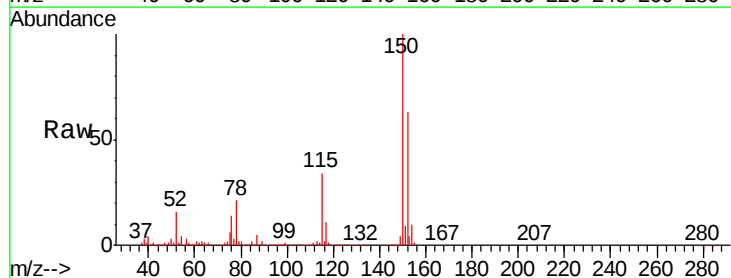
Tgt Ion:152 Resp: 438634

Ion Ratio Lower Upper

152 100

115 55.1 39.1 117.2

150 155.4 0.0 344.8

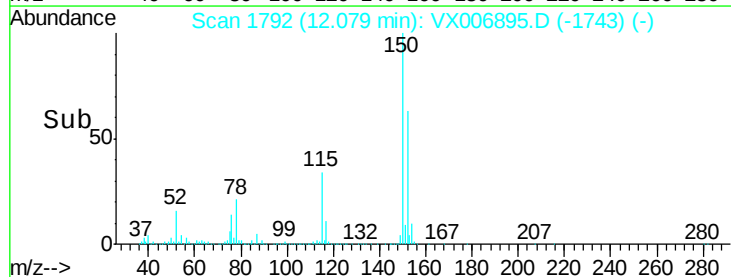


Abundance Ion 151.90 (151.60 to 152.60): V

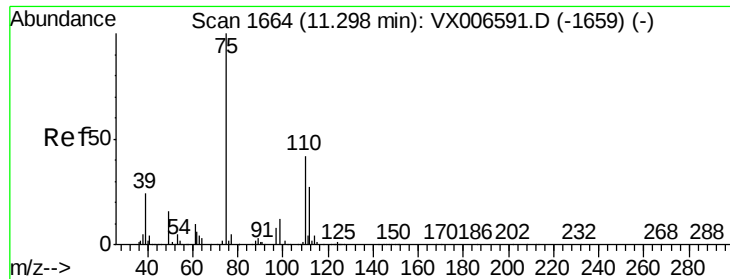
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->



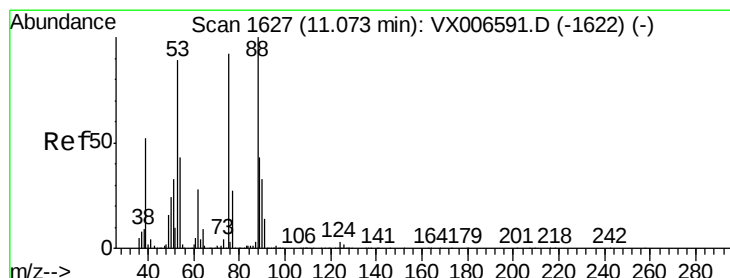
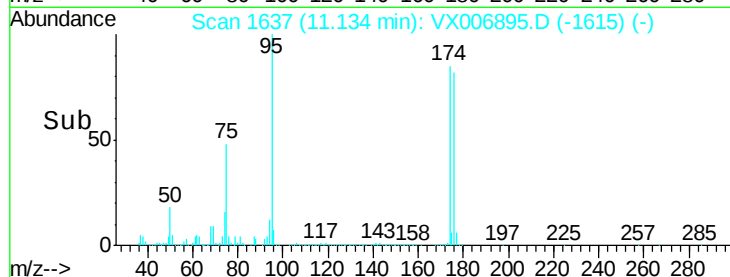
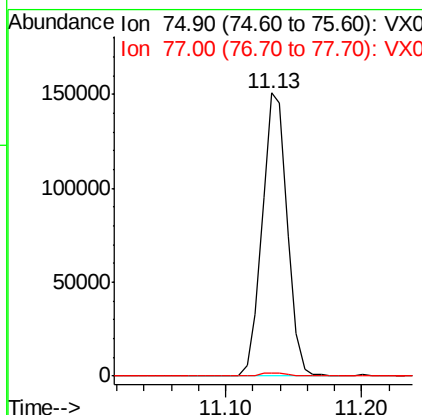
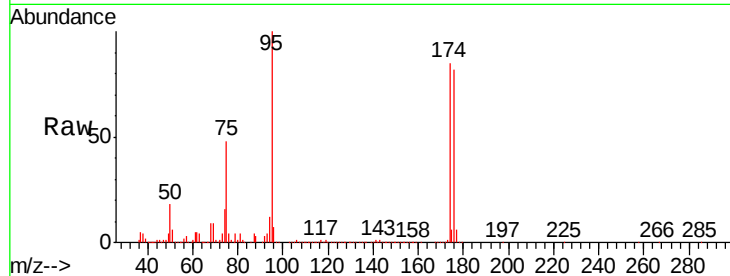
Time-->



#76
 1,2,3-Trichloropropane
 Concen: 24.029 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006895.D
 Acq: 03 Jan 2019 15:25

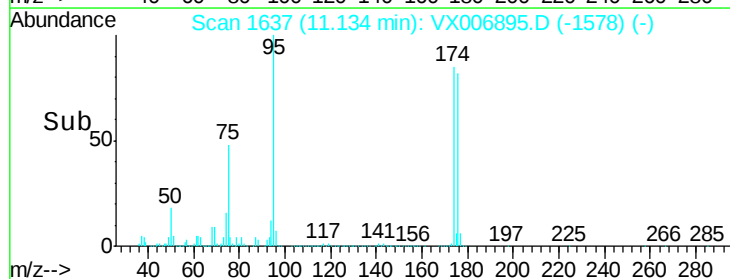
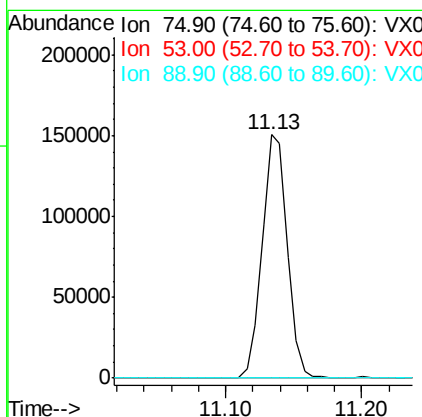
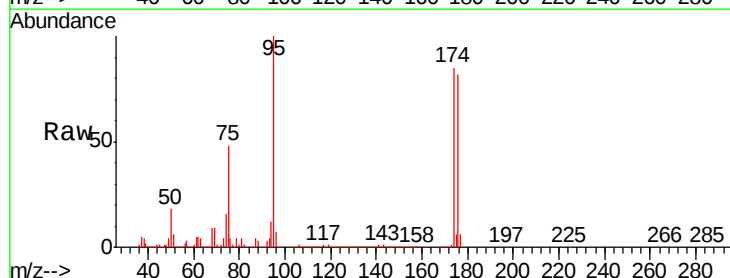
Instrument :
 MSVOA_X
 ClientSampleId :
 MW12_123118

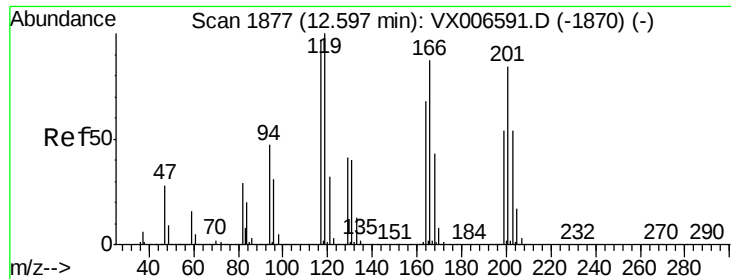
Tgt Ion: 75 Resp: 195872
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.5 55.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.168 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006895.D
 Acq: 03 Jan 2019 15:25

Tgt Ion: 75 Resp: 195872
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.7 119.5#
 89 0.0 38.0 57.0#





#90

Hexachloroethane

Concen: 3.319 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX006895.D

Acq: 03 Jan 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

MW12 123118

Tgt Ion:117 Resp: 116

Ion Ratio Lower Upper

117 100

201 0.0 42.9 128.7#

