

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060519\
 Data File : VX010099.D
 Acq On : 06 Jun 2019 01:02
 Operator : JC/SP
 Sample : K3203-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 06 06:38:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	176287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	285890	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115204	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	117043	47.00	ug/l	0.00
Spiked Amount			Recovery	=	94.00%	
35) Dibromofluoromethane	5.50	113	85793	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	
50) Toluene-d8	8.71	98	359115	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	11.13	95	121322	46.28	ug/l	0.00
Spiked Amount			Recovery	=	92.56%	

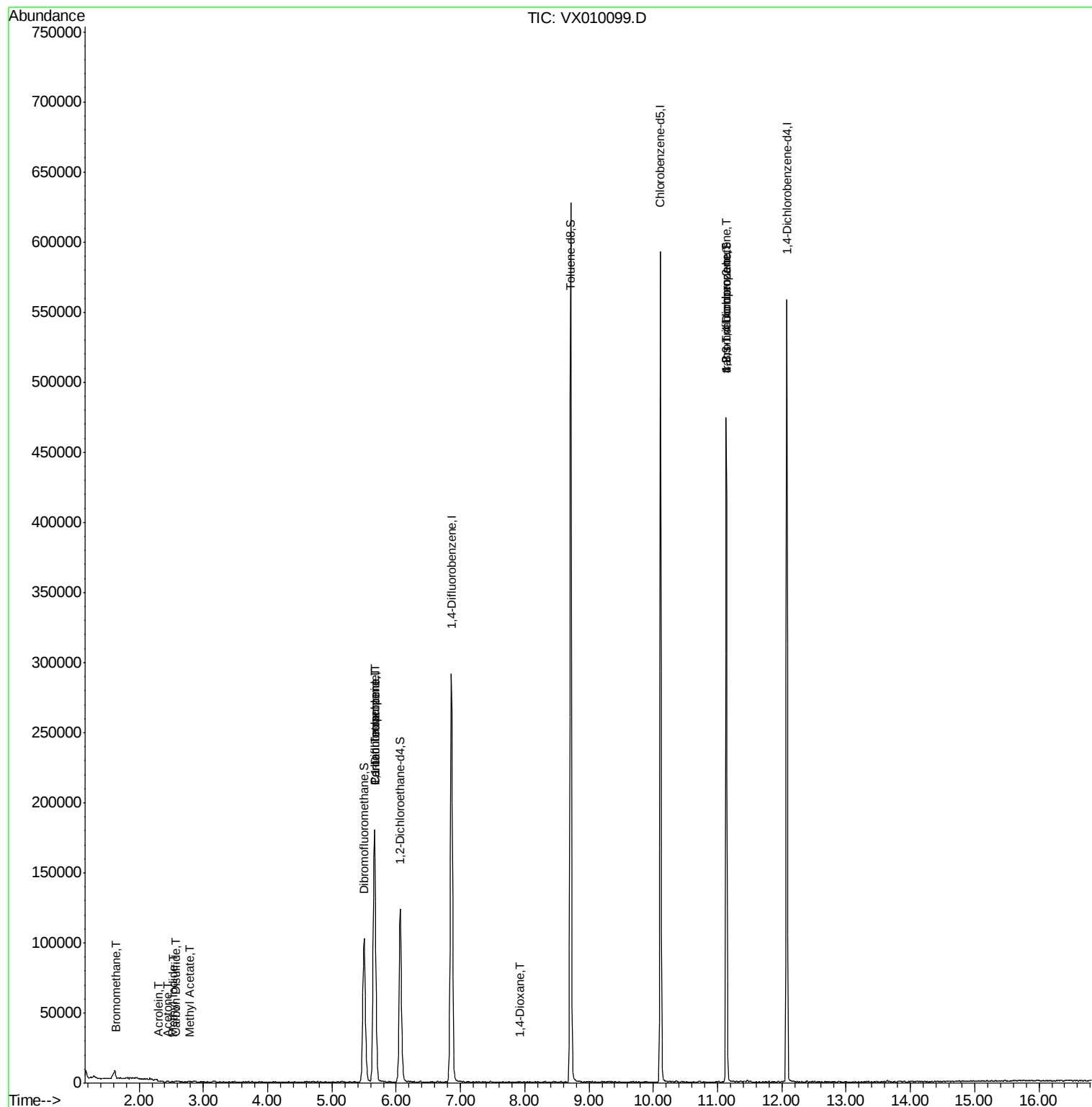
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	414	0.262	ug/l	92
10) Methyl Iodide	2.52	142	289	4.778	ug/l #	63
13) Acrolein	2.29	56	214	21.548	ug/l #	42
16) Acetone	2.45	43	394	0.274	ug/l	97
17) Carbon Disulfide	2.57	76	832	0.537	ug/l #	76
18) Methyl Acetate	2.78	43	677	0.202	ug/l #	57
36) 1,1-Dichloropropene	5.66	75	13565	4.676	ug/l #	51
38) Carbon Tetrachloride	5.66	117	16334	6.516	ug/l #	18
49) 1,4-Dioxane	7.91	88	23	0.383	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	62612	22.728	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	62612	56.232	ug/l #	10

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

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QLast Update : Wed May 29 04:00:56 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: VX010099.D

Acq: 06 Jun 2019 01:02

Instrument :

MSVOA_X

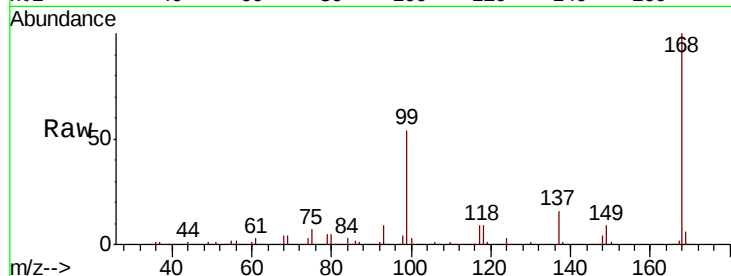
ClientSampleId :

Tot Ion:168 Resp: 176287

Ion Ratio Lower Upper

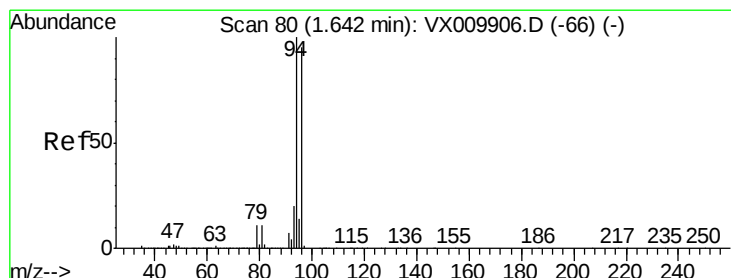
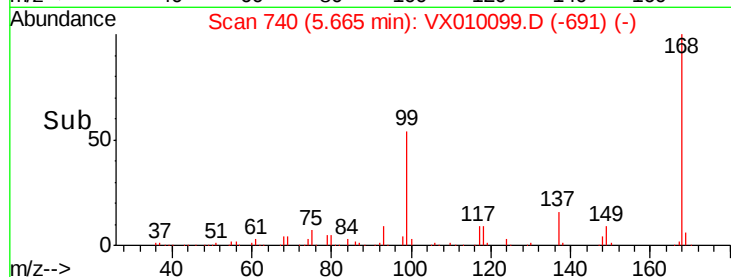
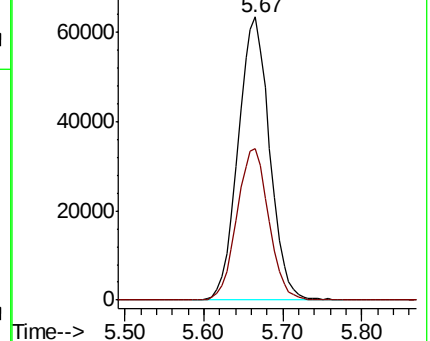
168 100

99 53.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.262 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010099.D

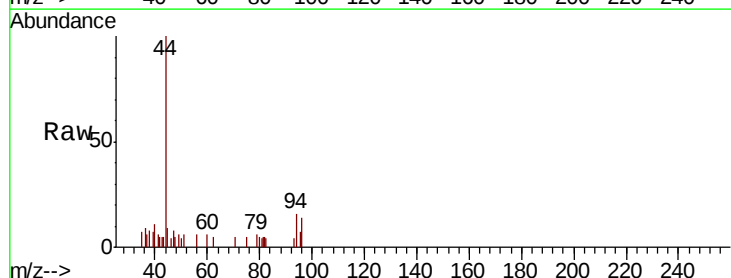
Acq: 06 Jun 2019 01:02

Tgt Ion: 94 Resp: 414

Ion Ratio Lower Upper

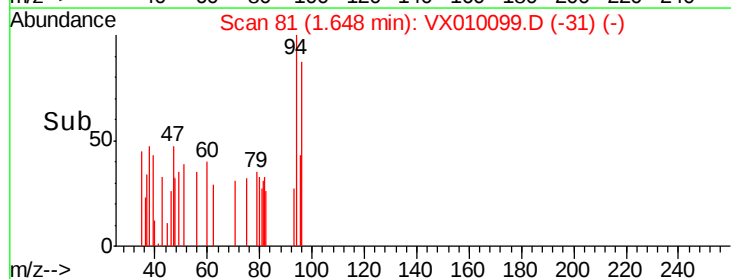
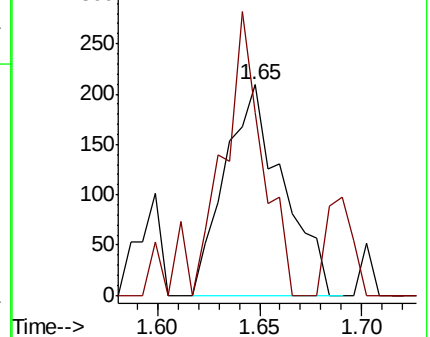
94 100

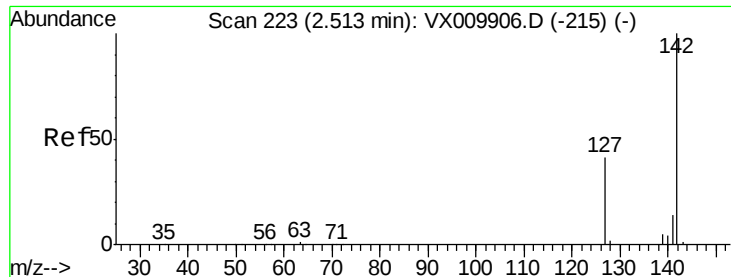
96 87.1 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

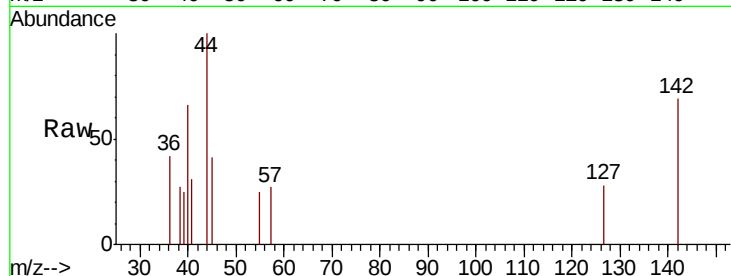




#10
Methvl Iodide
Concen: 4.778 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX010099.D
Acq: 06 Jun 2019 01:02

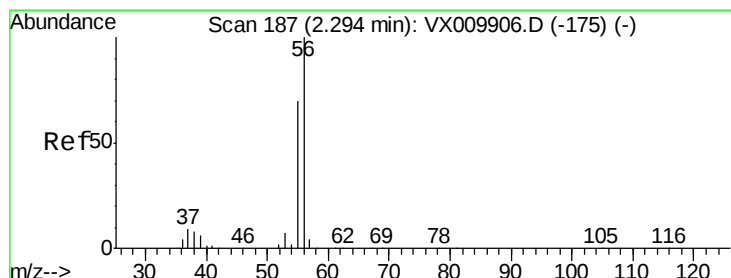
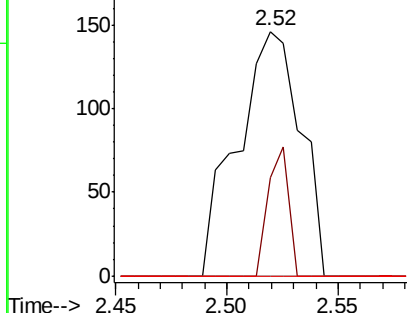
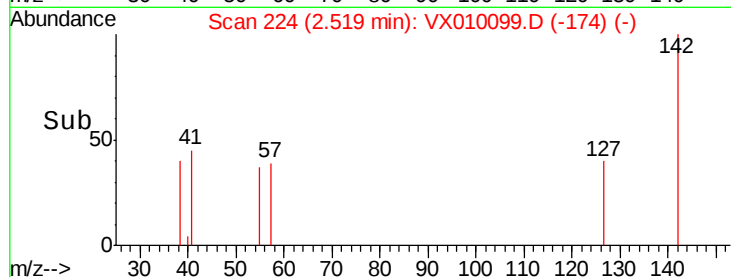
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 289
Ion Ratio Lower Upper
142 100
127 17.3 33.0 49.4#
141 0.0 11.4 17.0#



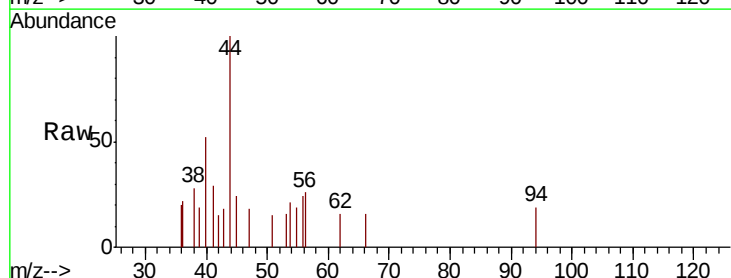
Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

2.52



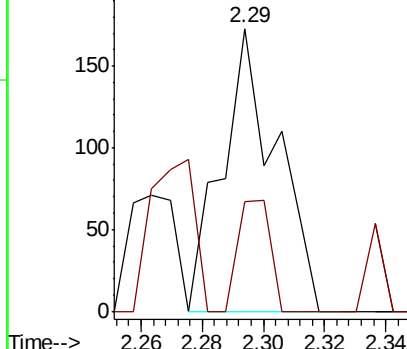
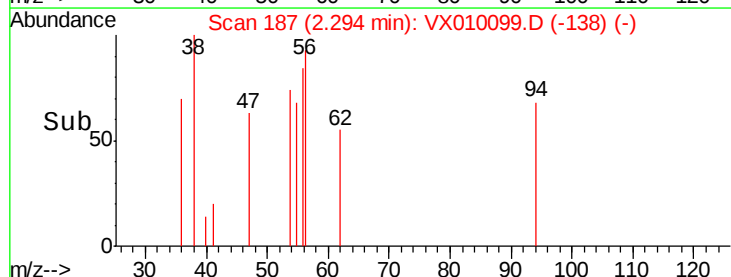
#13
Acrolein
Concen: 21.548 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010099.D
Acq: 06 Jun 2019 01:02

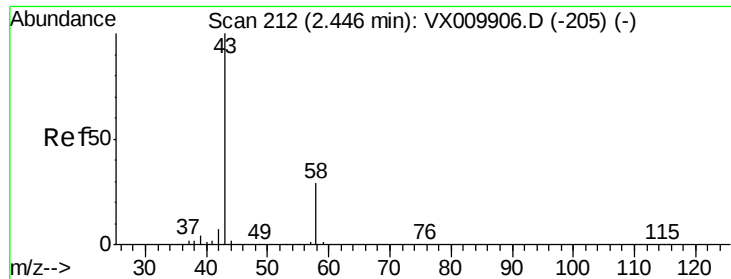
Tgt Ion: 56 Resp: 214
Ion Ratio Lower Upper
56 100
55 22.9 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0

2.29





#16

Acetone

Concen: 0.274 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010099.D

Acq: 06 Jun 2019 01:02

Instrument :

MSVOA_X

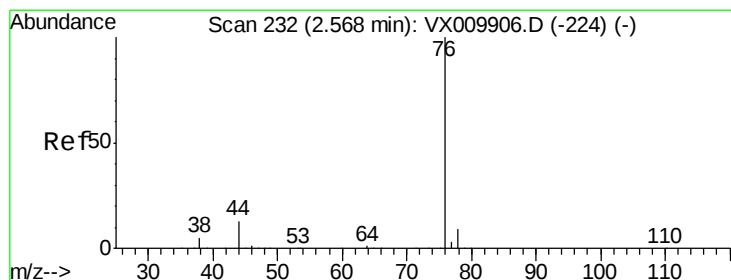
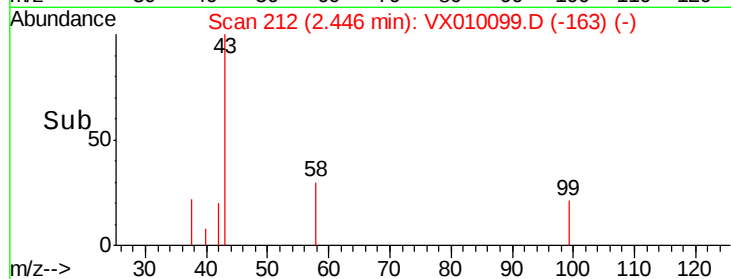
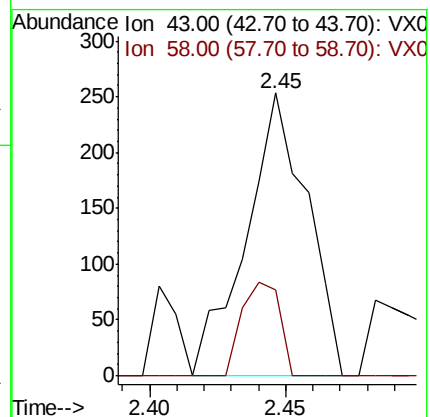
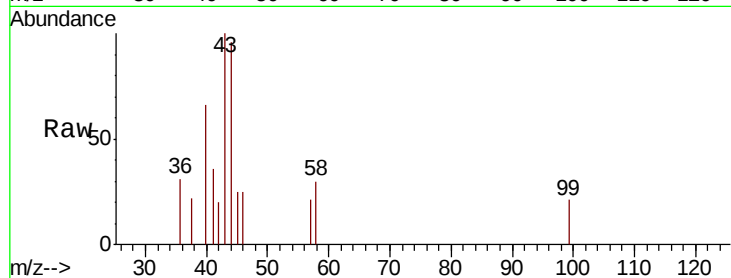
ClientSampleId :

Tot Ion: 43 Resp: 394

Ion Ratio Lower Upper

43 100

58 30.4 23.2 34.8



#17

Carbon Disulfide

Concen: 0.537 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010099.D

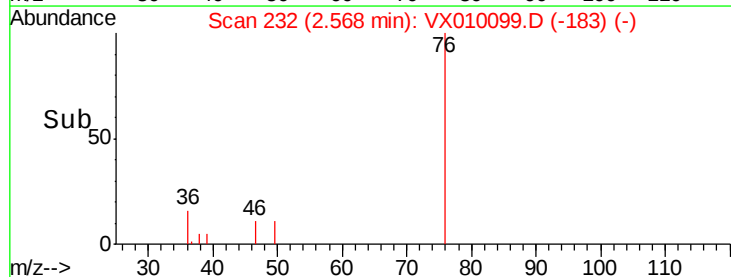
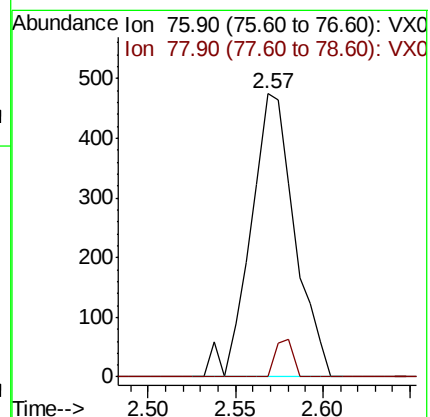
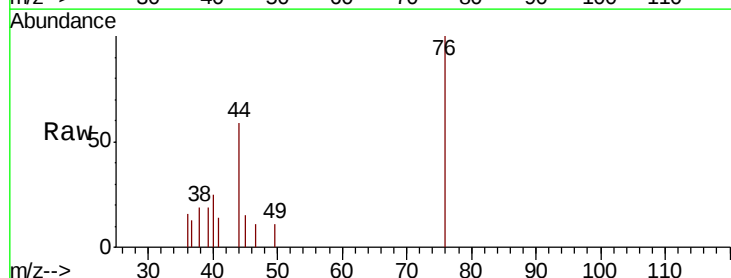
Acq: 06 Jun 2019 01:02

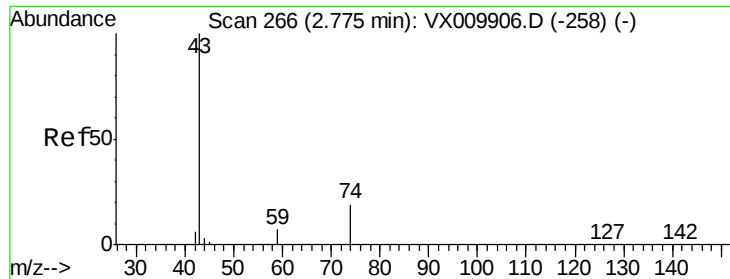
Tgt Ion: 76 Resp: 832

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#

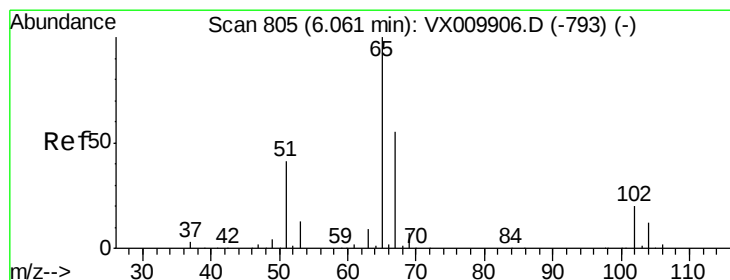
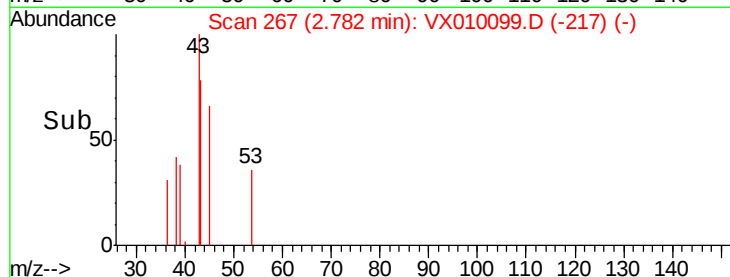
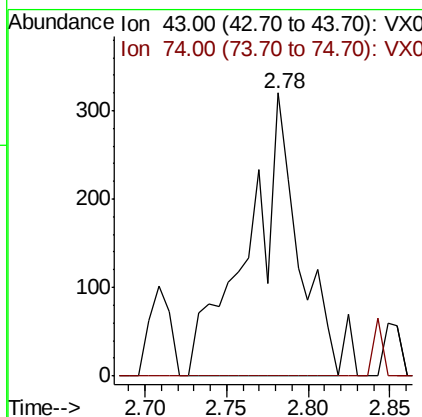
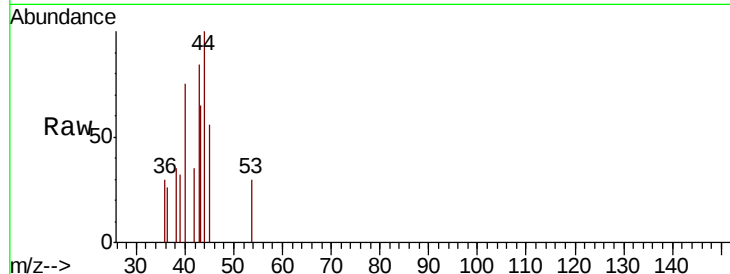




#18
Methvl Acetate
Concen: 0.202 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX010099.D
Acq: 06 Jun 2019 01:02

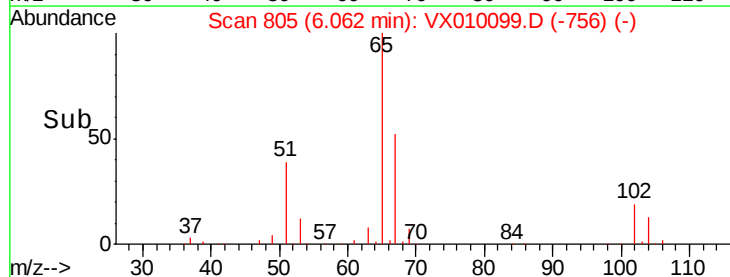
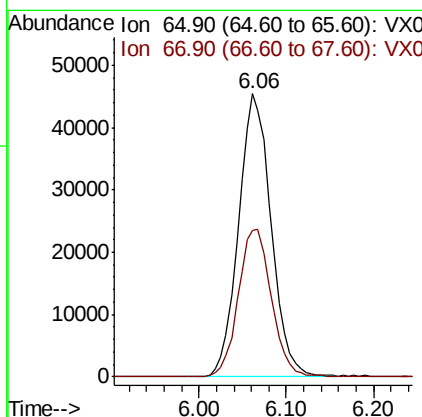
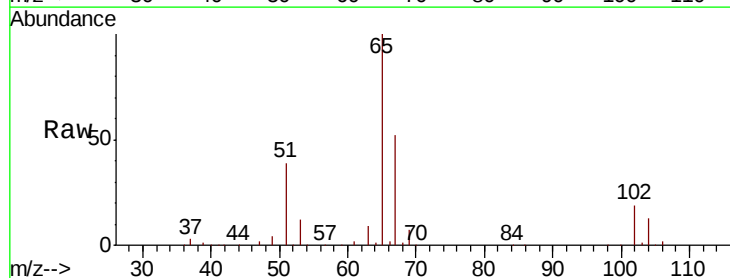
Instrument :
MSVOA_X
ClientSampleId :

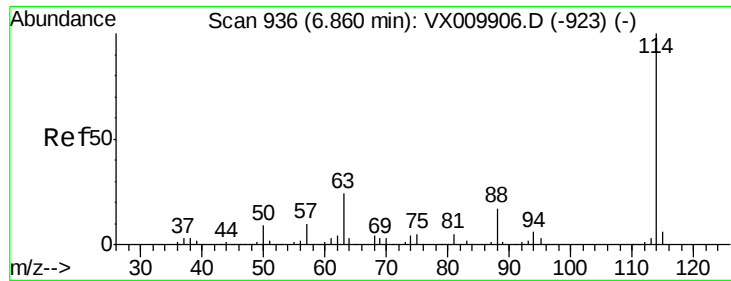
Tot Ion: 43 Resp: 677
Ion Ratio Lower Upper
43 100
74 0.0 15.8 23.6#



#33
1,2-Dichloroethane-d4
Concen: 47.001 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010099.D
Acq: 06 Jun 2019 01:02

Tgt Ion: 65 Resp: 117043
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.4

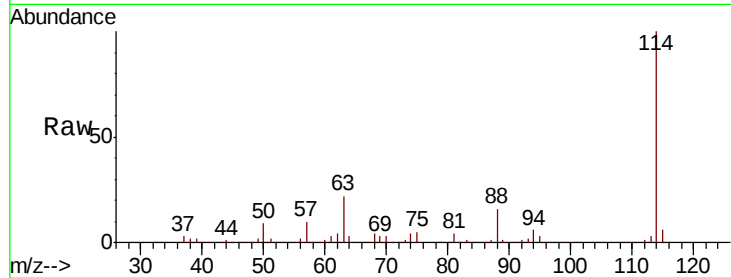




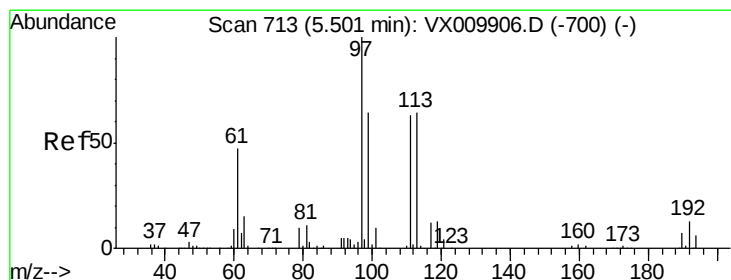
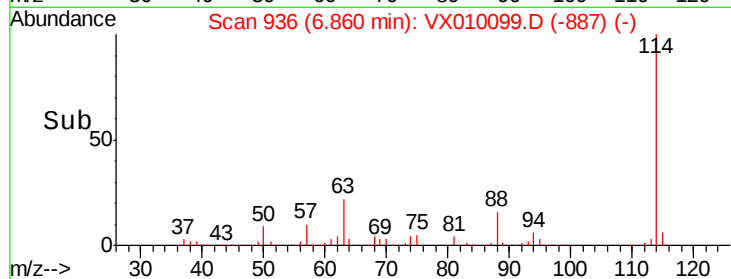
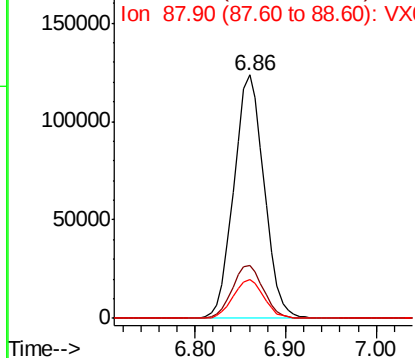
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010099.D
Acq: 06 Jun 2019 01:02

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:114 Resp: 285890
Ion Ratio Lower Upper
114 100
63 21.7 0.0 47.4
88 16.2 0.0 33.0

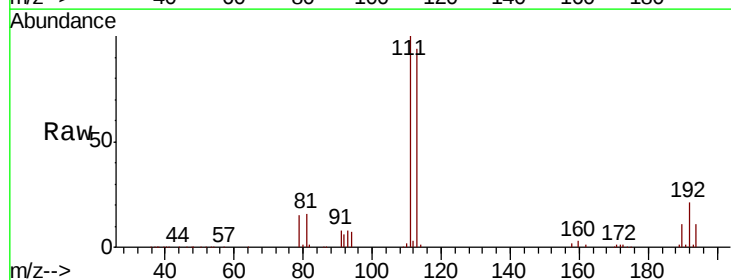


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

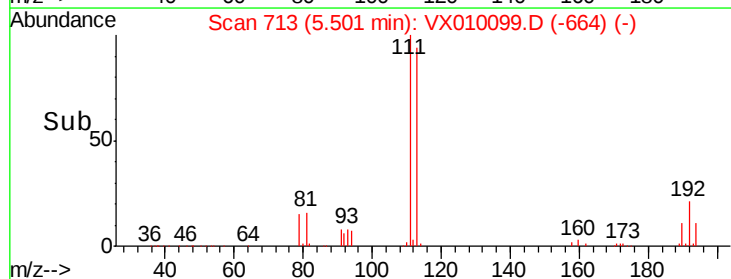
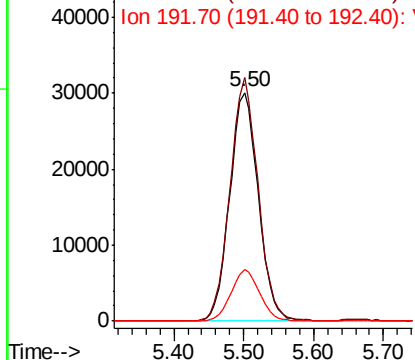


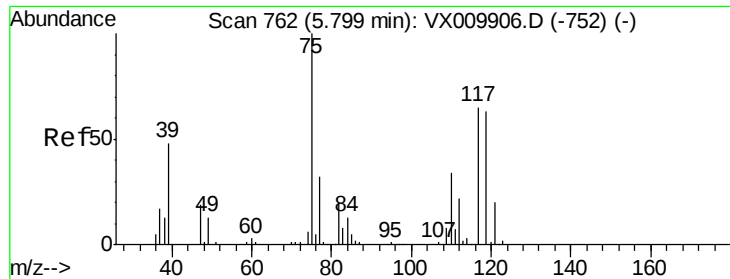
#35
Dibromofluoromethane
Concen: 47.732 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010099.D
Acq: 06 Jun 2019 01:02

Tgt Ion:113 Resp: 85793
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.2
192 22.3 17.1 25.7



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





#36

1,1-Dichloropropene

Concen: 4.676 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010099.D

Acq: 06 Jun 2019 01:02

Instrument :

MSVOA_X

ClientSampleId :

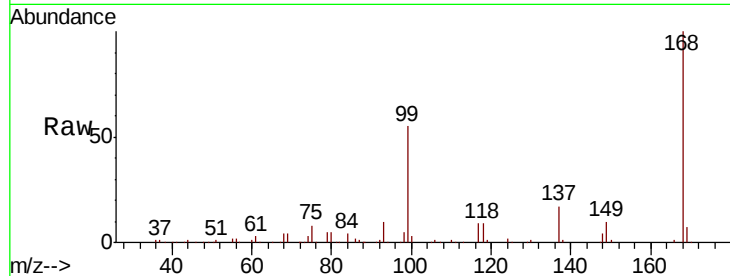
Tot Ion: 75 Resp: 13565

Ion Ratio Lower Upper

75 100

110 9.5 16.7 50.1#

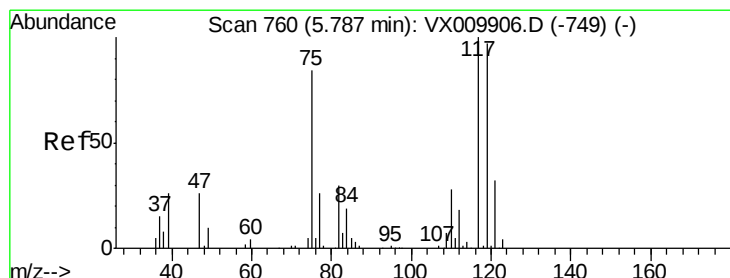
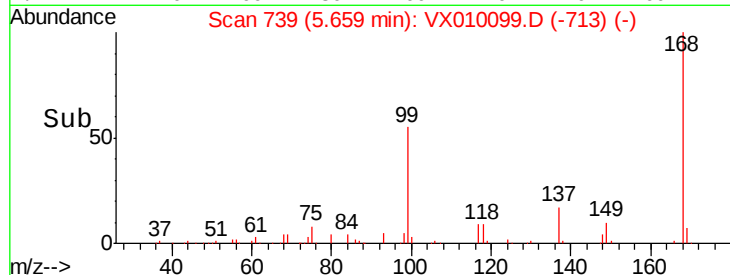
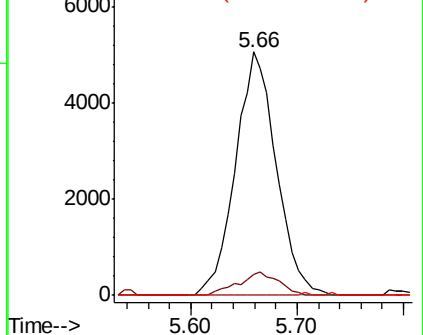
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.516 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010099.D

Acq: 06 Jun 2019 01:02

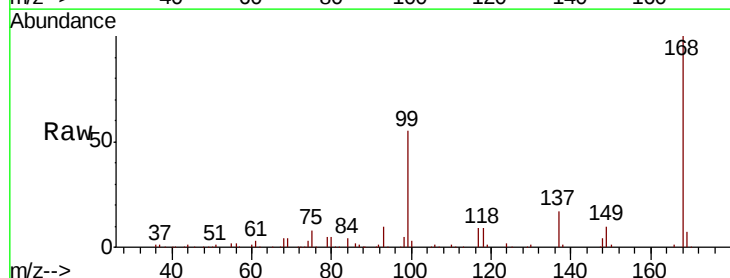
Tgt Ion:117 Resp: 16334

Ion Ratio Lower Upper

117 100

119 7.7 77.3 115.9#

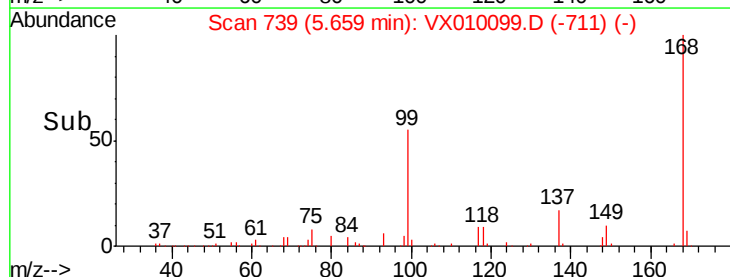
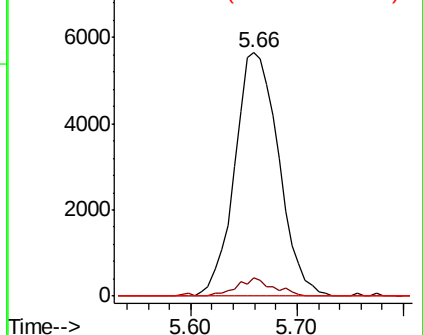
121 0.0 25.4 38.0#

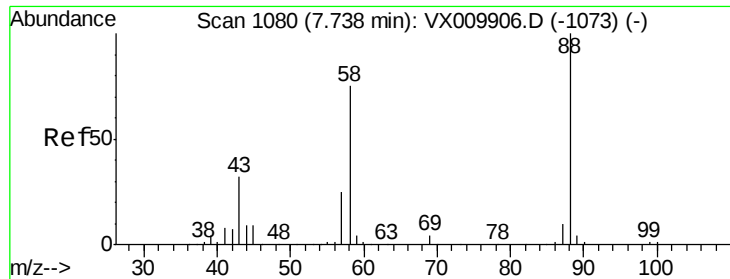


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#49

1,4-Dioxane

Concen: 0.383 ug/l

RT: 7.91 min Scan# 1109

Delta R.T. 0.18 min

Lab File: VX010099.D

Acq: 06 Jun 2019 01:02

Instrument :

MSVOA_X

ClientSampled :

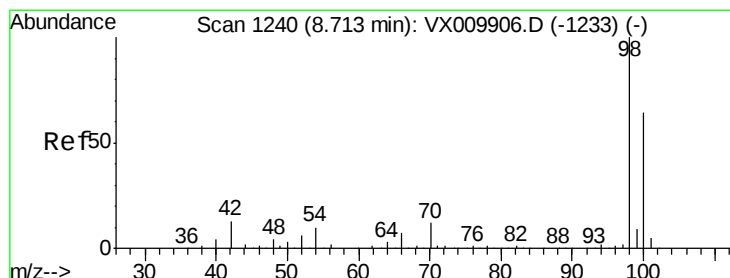
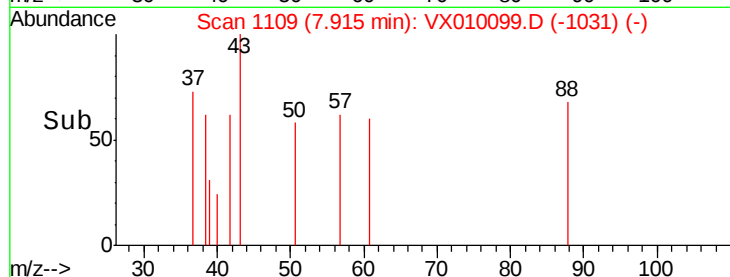
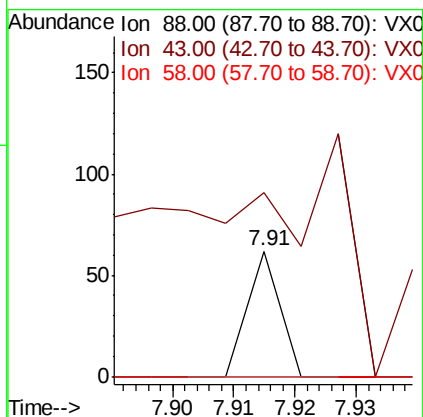
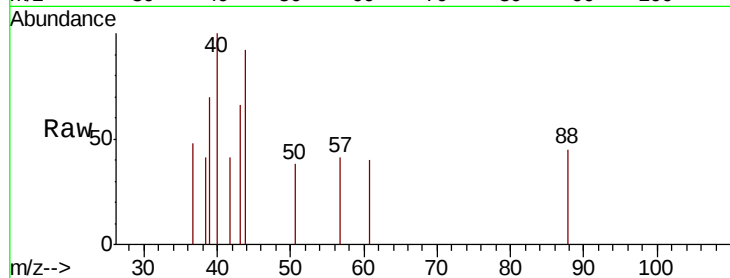
Tot Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 608.7 30.2 45.4#

58 0.0 64.0 96.0#



#50

Toluene-d8

Concen: 49.202 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010099.D

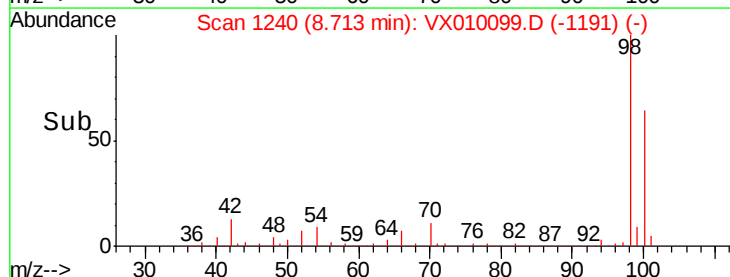
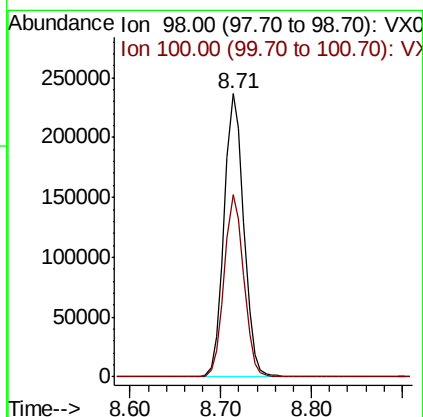
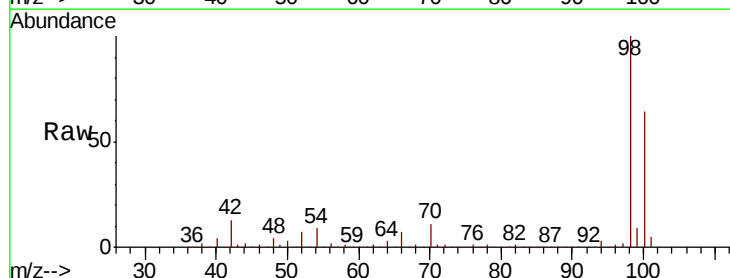
Acq: 06 Jun 2019 01:02

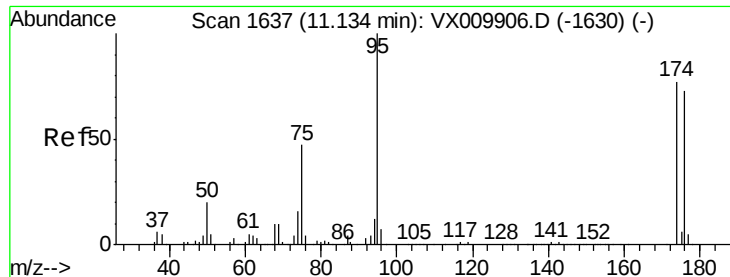
Tgt Ion: 98 Resp: 359115

Ion Ratio Lower Upper

98 100

100 64.0 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 46.278 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010099.D

Acq: 06 Jun 2019 01:02

Instrument :

MSVOA_X

ClientSampleId :

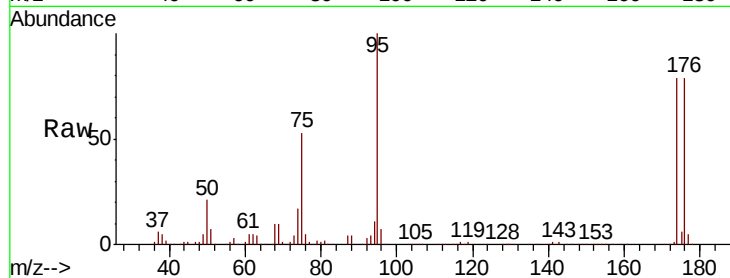
Tot Ion: 95 Resp: 121322

Ion Ratio Lower Upper

95 100

174 83.6 0.0 160.4

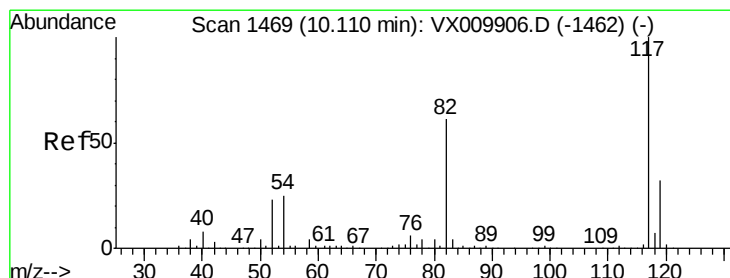
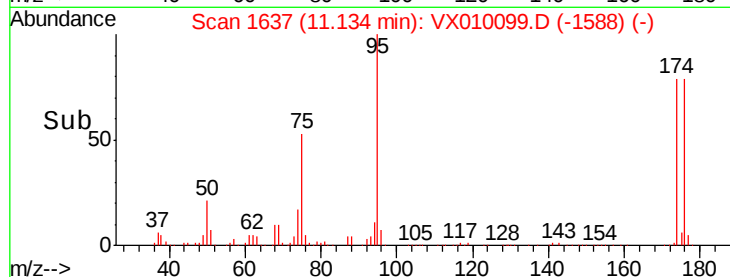
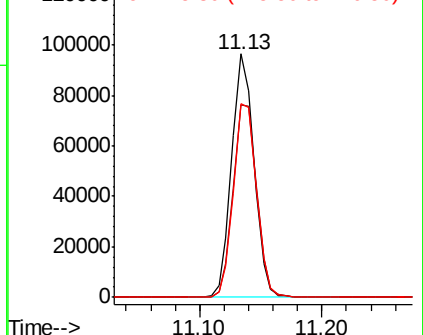
176 82.3 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010099.D

Acq: 06 Jun 2019 01:02

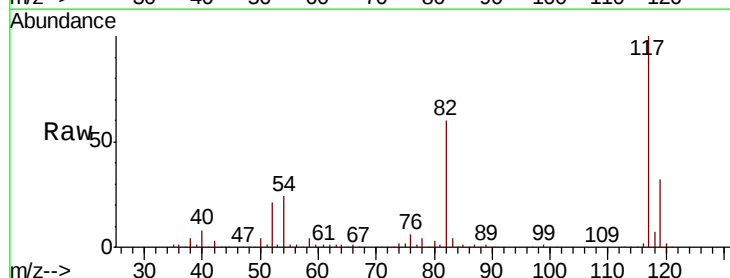
Tgt Ion: 117 Resp: 257147

Ion Ratio Lower Upper

117 100

82 59.6 49.2 73.8

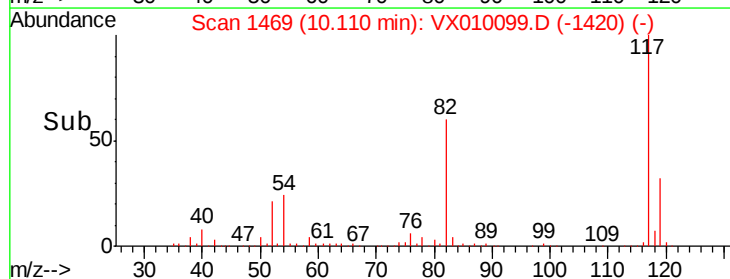
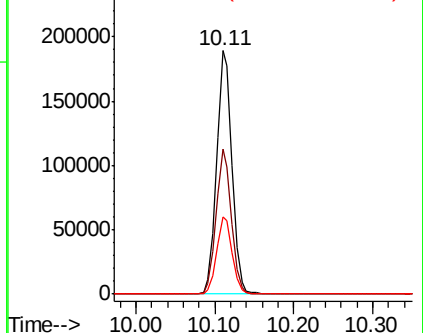
119 31.6 25.2 37.8

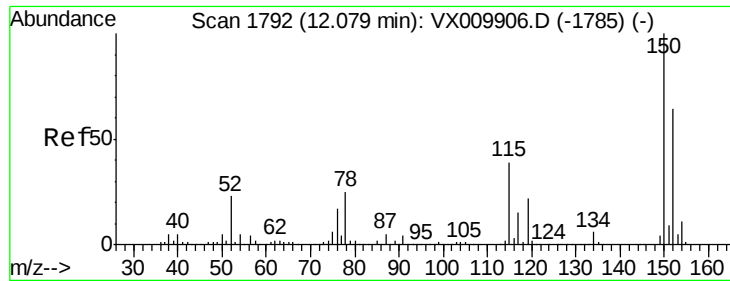


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



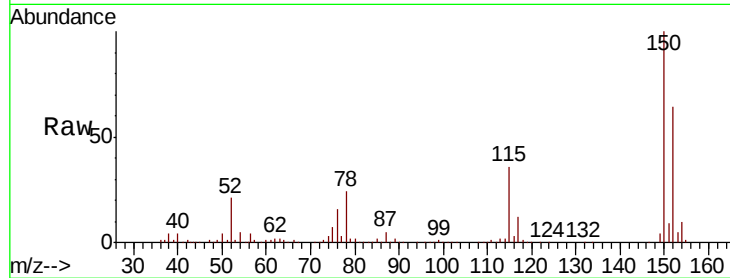


#72

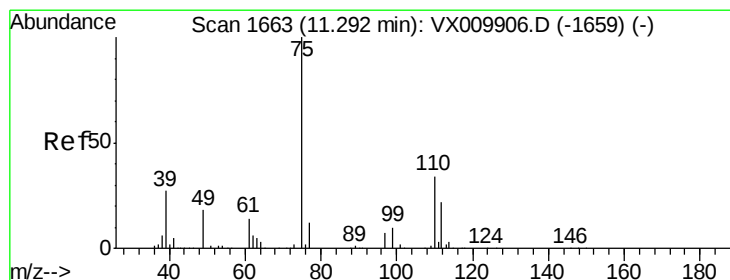
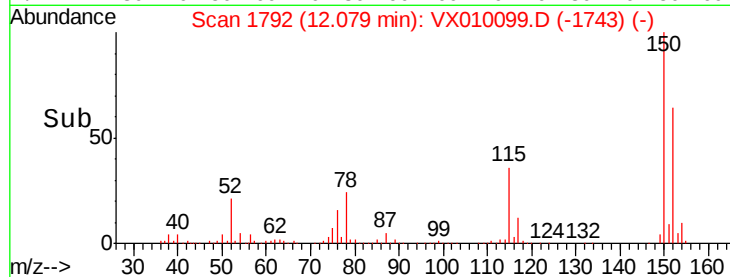
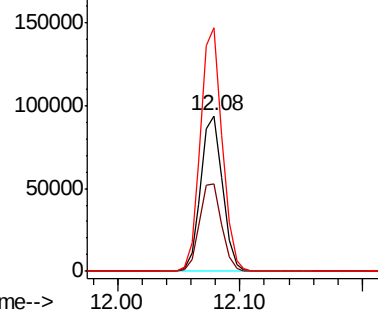
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010099.D
Acq: 06 Jun 2019 01:02

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:152 Resp: 115204
Ion Ratio Lower Upper
152 100
115 57.9 41.4 124.2
150 155.8 0.0 345.2



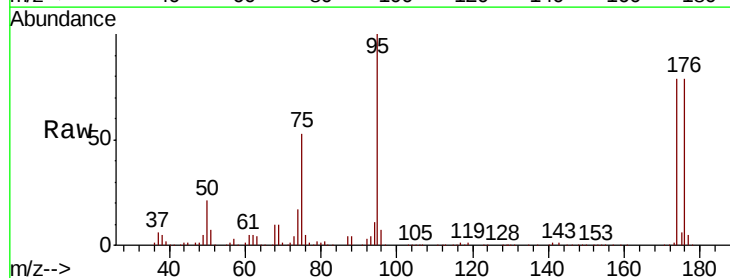
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



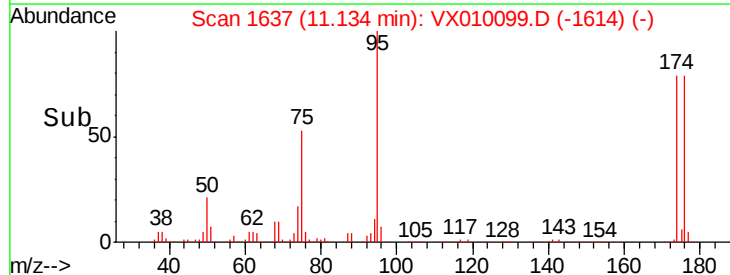
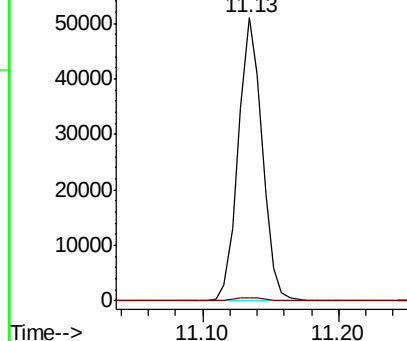
#76

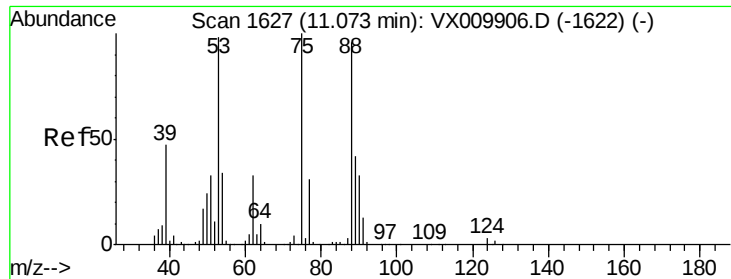
1,2,3-Trichloropropane
Concen: 22.728 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010099.D
Acq: 06 Jun 2019 01:02

Tgt Ion: 75 Resp: 62612
Ion Ratio Lower Upper
75 100
77 1.4 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.232 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010099.D
 Acq: 06 Jun 2019 01:02

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 62612
 Ion Ratio Lower Upper
 75 100
 53 0.2 79.8 119.6#
 89 0.0 34.2 51.4#

