

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060519\
 Data File : VX010098.D
 Acq On : 06 Jun 2019 00:39
 Operator : JC/SP
 Sample : K3203-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 06 06:38:41 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	184437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	293334	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	266795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117838	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	120554	46.27	ug/l	0.00
Spiked Amount	50.000			Recovery	=	92.54%	
35) Dibromofluoromethane		5.50	113	89924	48.76	ug/l	0.00
Spiked Amount	50.000			Recovery	=	97.52%	
50) Toluene-d8		8.71	98	370473	49.47	ug/l	0.00
Spiked Amount	50.000			Recovery	=	98.94%	
62) 4-Bromofluorobenzene		11.13	95	125812	46.77	ug/l	0.00
Spiked Amount	50.000			Recovery	=	93.54%	

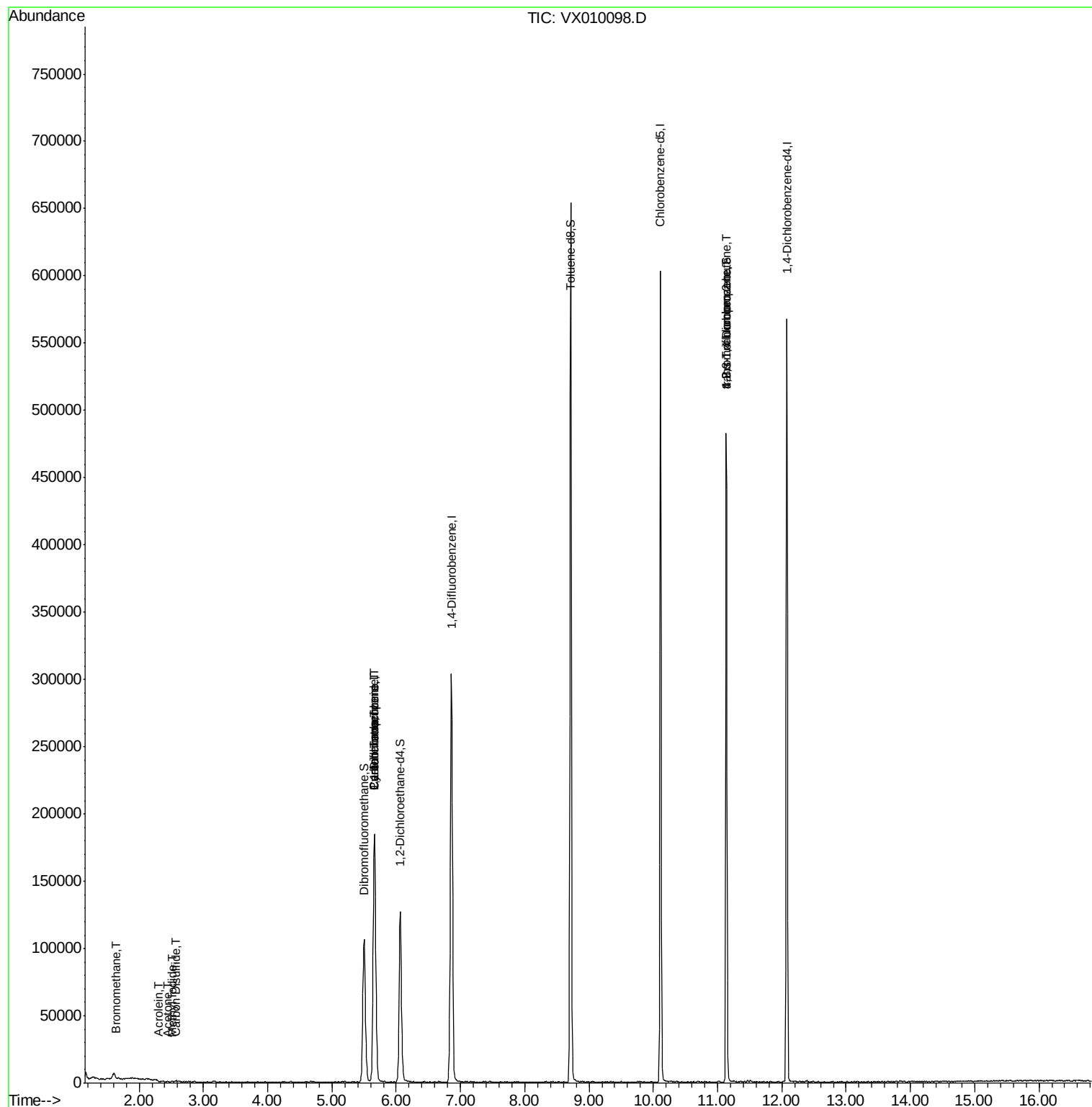
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	360	0.218	ug/l #	54
10) Methyl Iodide	2.51	142	412	4.822	ug/l #	78
13) Acrolein	2.30	56	285	21.671	ug/l #	57
16) Acetone	2.45	43	435	0.289	ug/l #	82
17) Carbon Disulfide	2.57	76	1100	0.578	ug/l #	77
31) Cyclohexane	5.66	56	4350	1.097	ug/l #	23
36) 1,1-Dichloropropene	5.66	75	14245	4.786	ug/l #	50
38) Carbon Tetrachloride	5.67	117	17247	6.706	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	64736	22.973	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	64736	56.840	ug/l #	10

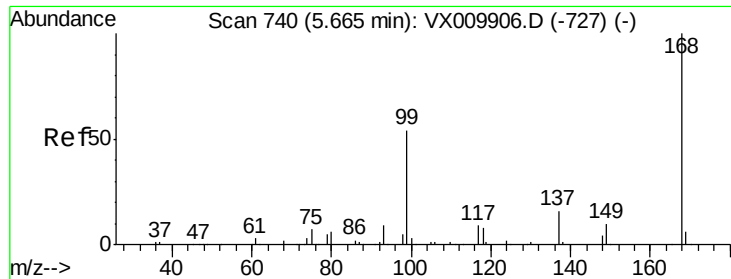
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

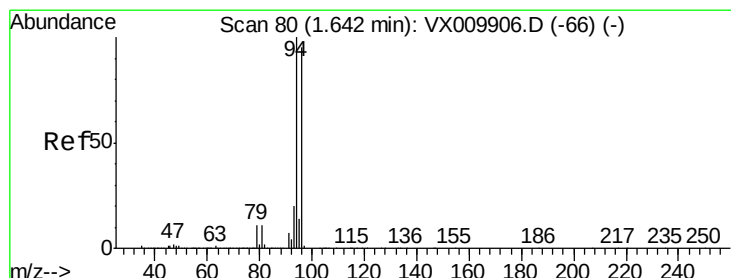
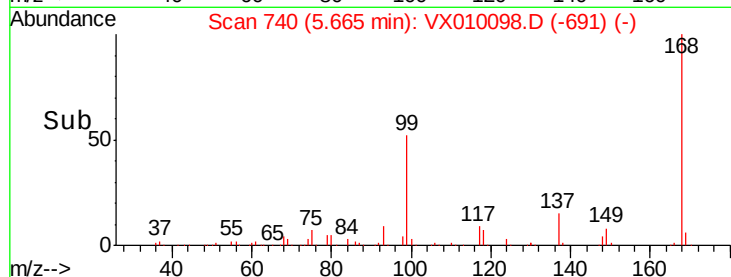
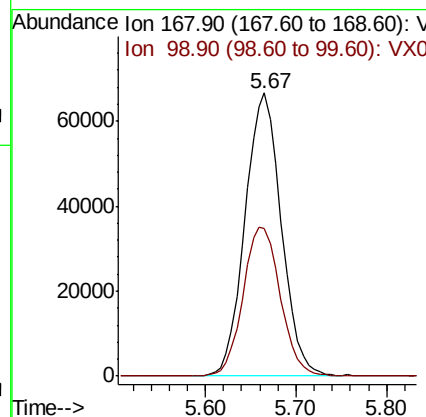
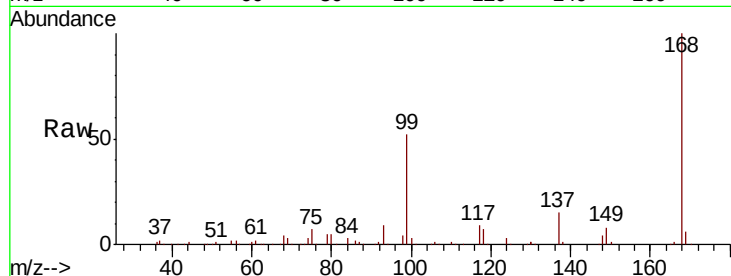




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010098.D
Acq: 06 Jun 2019 00:39

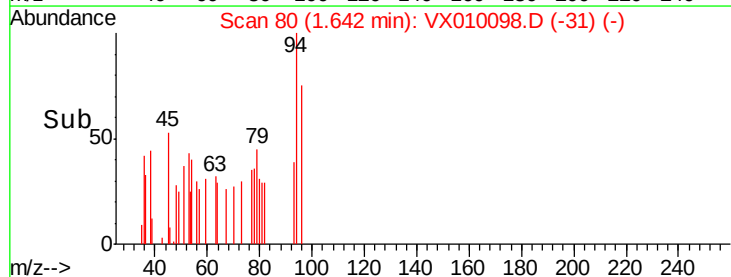
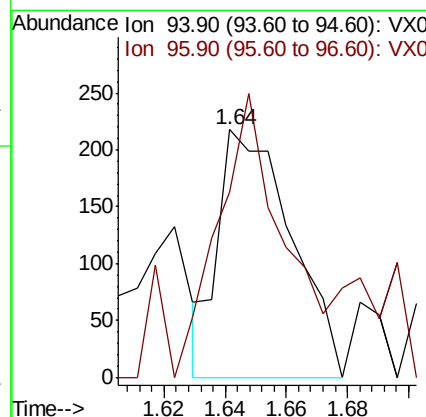
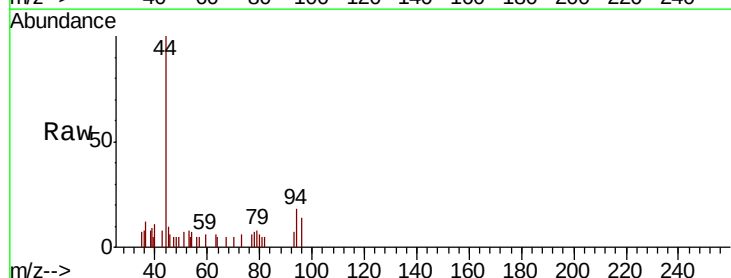
Instrument :
MSVOA_X
ClientSampleId :

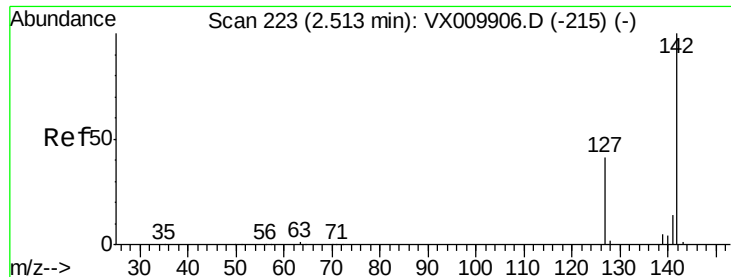
Tot Ion:168 Resp: 184437
Ion Ratio Lower Upper
168 100
99 52.1 43.0 64.6



#5
Bromomethane
Concen: 0.218 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.00 min
Lab File: VX010098.D
Acq: 06 Jun 2019 00:39

Tgt Ion: 94 Resp: 360
Ion Ratio Lower Upper
94 100
96 50.5 76.2 114.4#

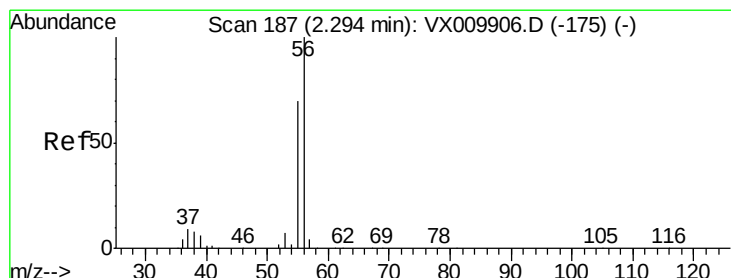
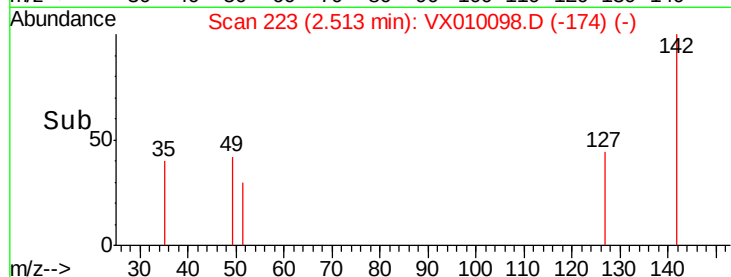
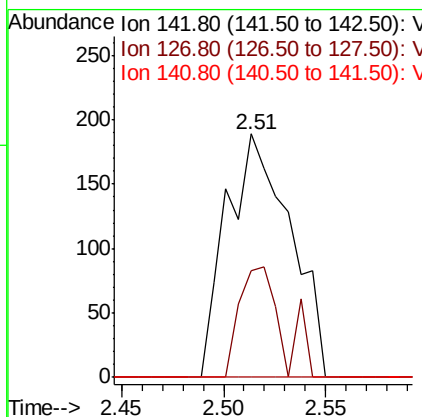
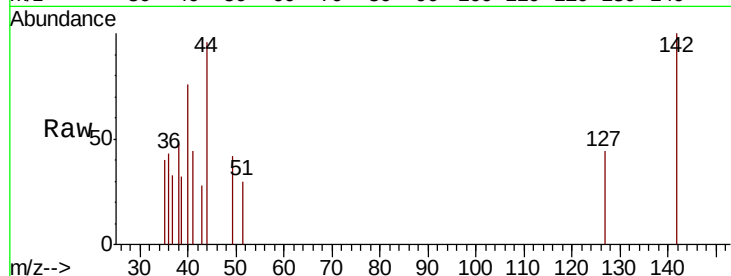




#10
Methvl Iodide
Concen: 4.822 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX010098.D
Acq: 06 Jun 2019 00:39

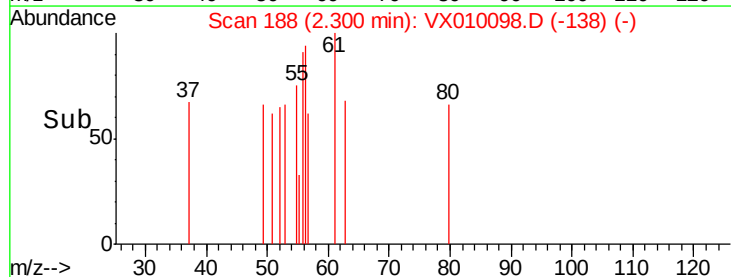
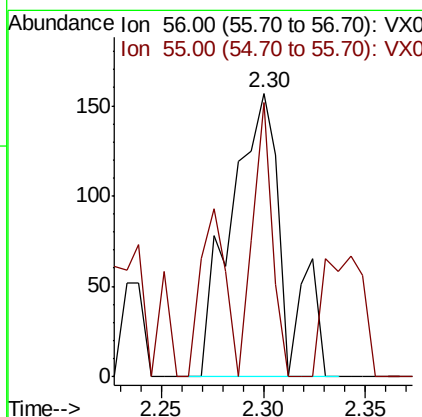
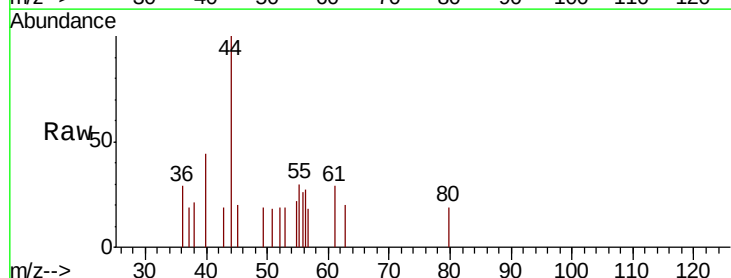
Instrument :
MSVOA_X
ClientSampled :

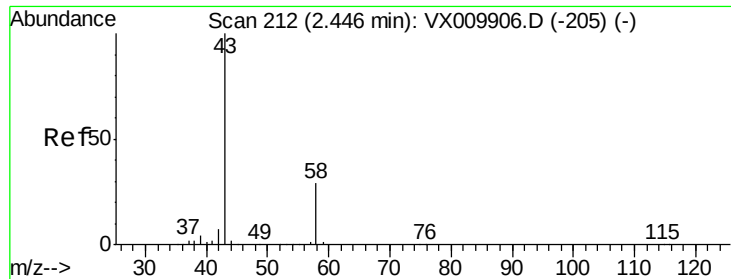
Tot Ion:142 Resp: 412
Ion Ratio Lower Upper
142 100
127 30.3 33.0 49.4#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 21.671 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX010098.D
Acq: 06 Jun 2019 00:39

Tgt Ion: 56 Resp: 285
Ion Ratio Lower Upper
56 100
55 35.8 57.0 85.4#





#16

Acetone

Concen: 0.289 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010098.D

Acq: 06 Jun 2019 00:39

Instrument :

MSVOA_X

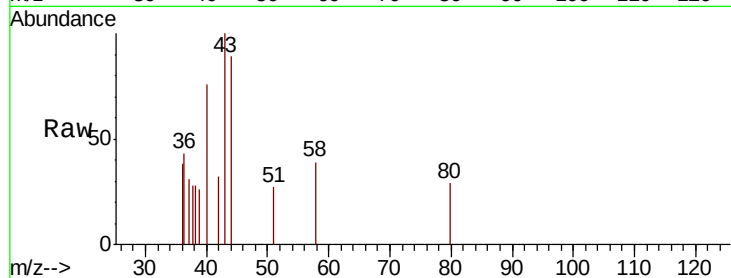
ClientSampled :

Tot Ion: 43 Resp: 435

Ion Ratio Lower Upper

43 100

58 38.6 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

200

150

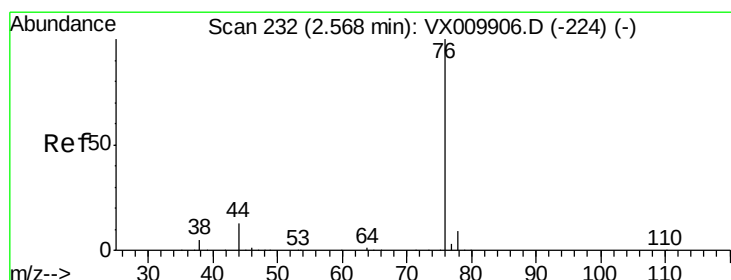
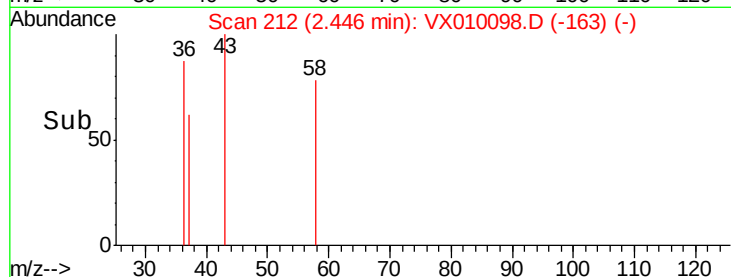
100

50

0

2.40 2.45 2.50

Time-->



#17

Carbon Disulfide

Concen: 0.578 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010098.D

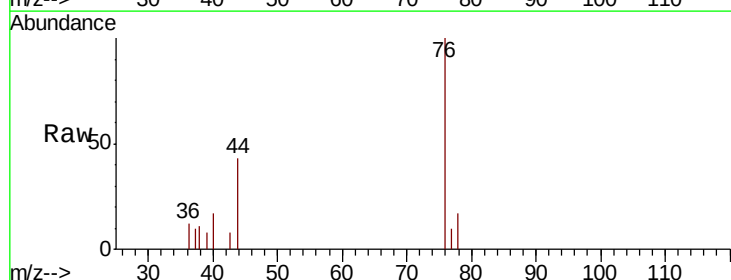
Acq: 06 Jun 2019 00:39

Tgt Ion: 76 Resp: 1100

Ion Ratio Lower Upper

76 100

78 16.9 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

800

600

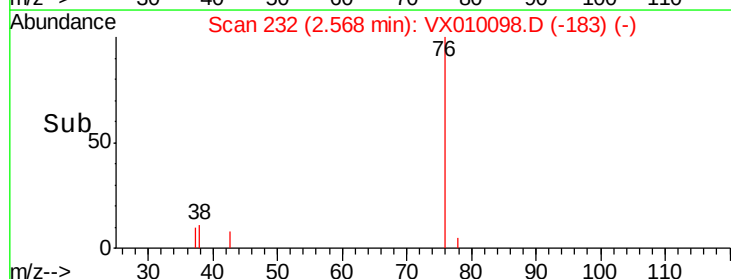
400

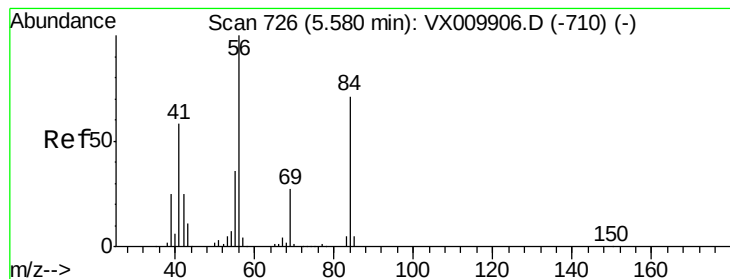
200

0

2.50 2.55 2.60

Time-->





#31

Cyclohexane

Concen: 1.097 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.08 min

Lab File: VX010098.D

Acq: 06 Jun 2019 00:39

Instrument :

MSVOA_X

ClientSampleId :

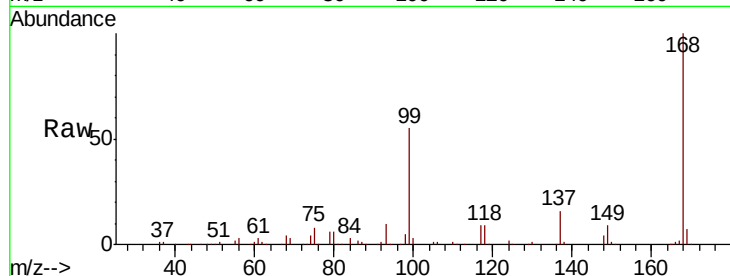
Tot Ion: 56 Resp: 4350

Ion Ratio Lower Upper

56 100

69 126.1 21.6 32.4#

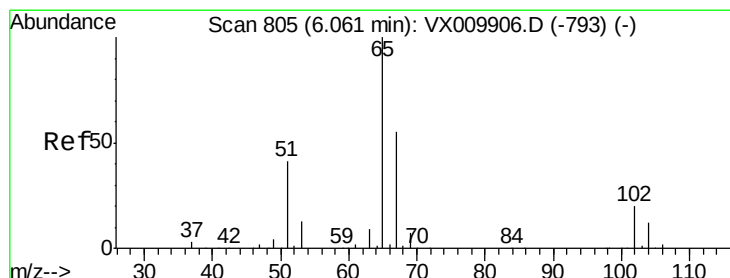
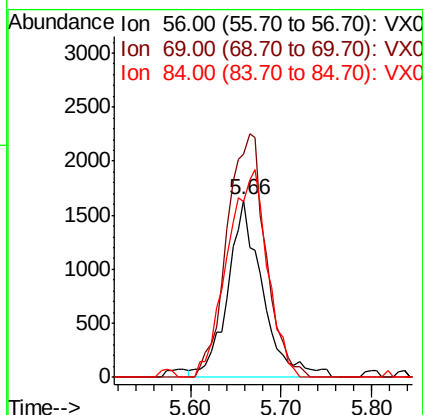
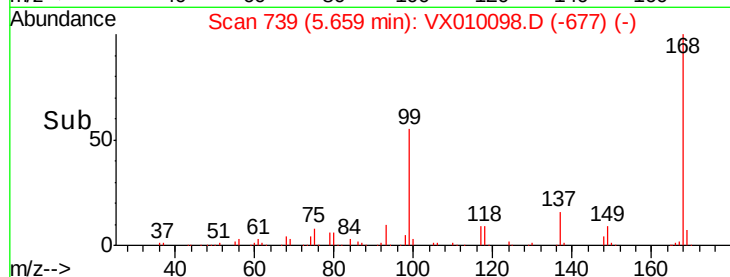
84 99.1 56.8 85.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.272 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010098.D

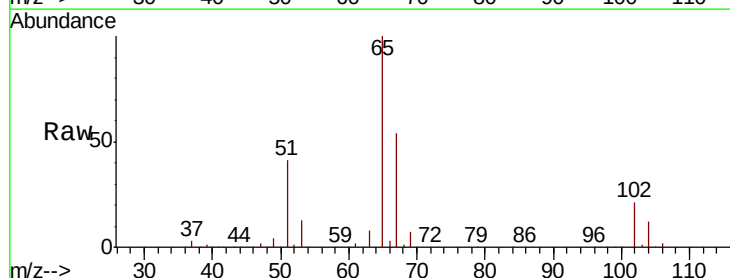
Acq: 06 Jun 2019 00:39

Tgt Ion: 65 Resp: 120554

Ion Ratio Lower Upper

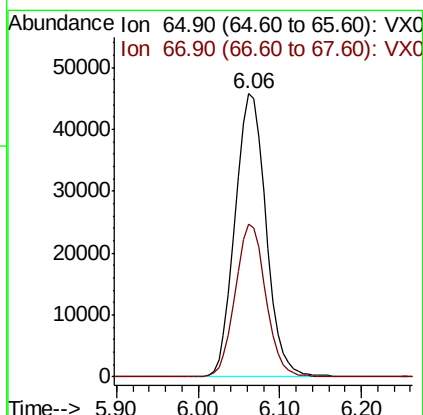
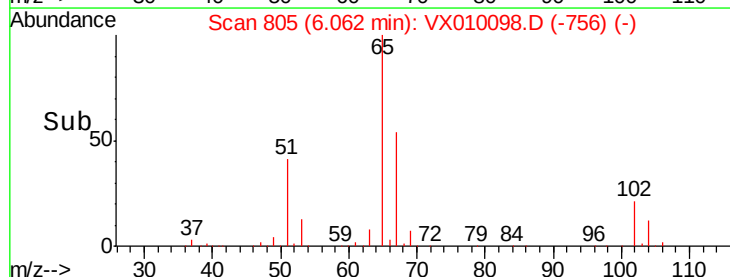
65 100

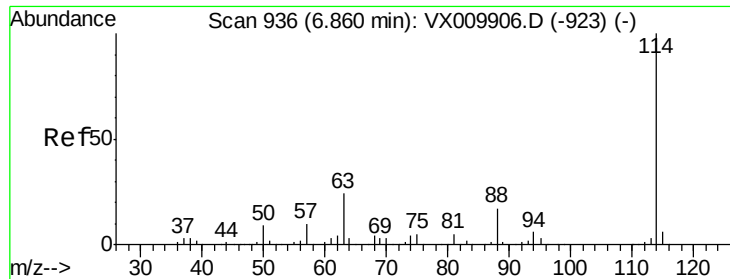
67 53.1 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

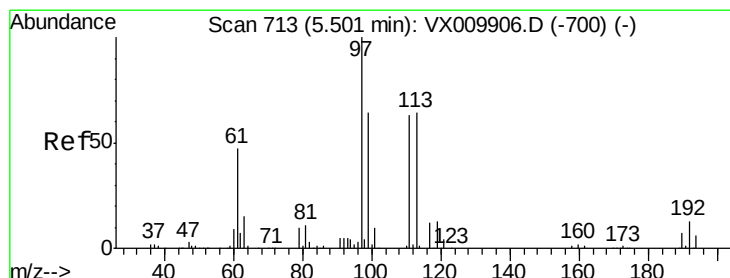
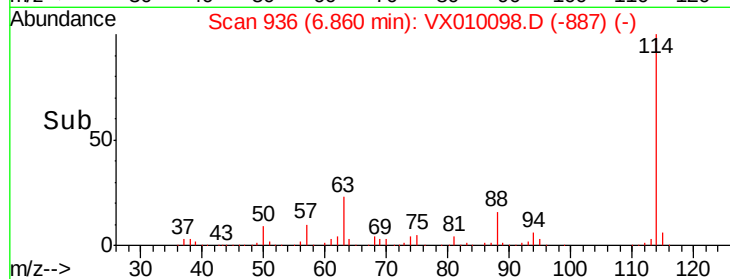
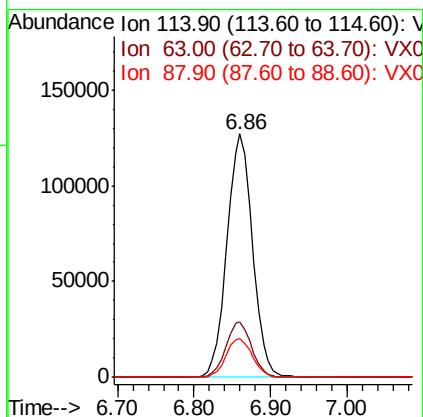
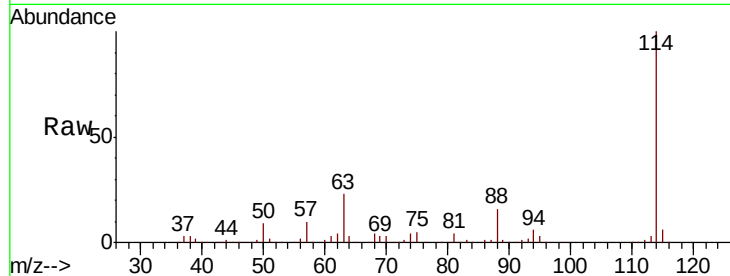




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010098.D
 Acq: 06 Jun 2019 00:39

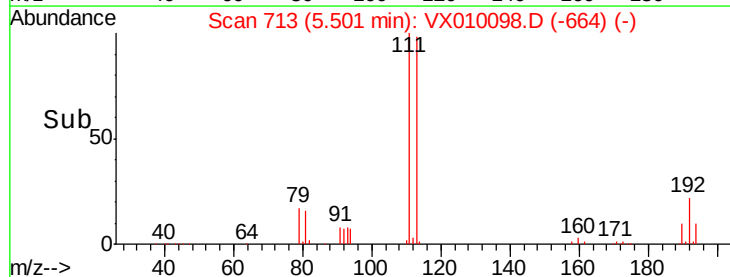
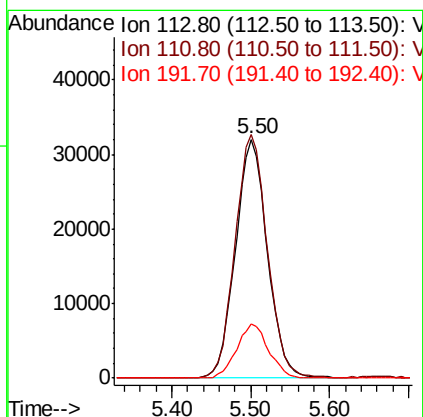
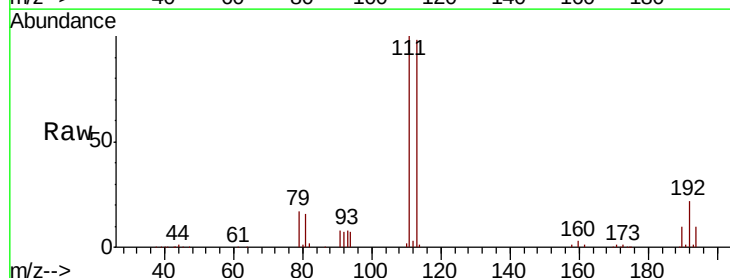
Instrument :
 MSVOA_X
 ClientSampleId :

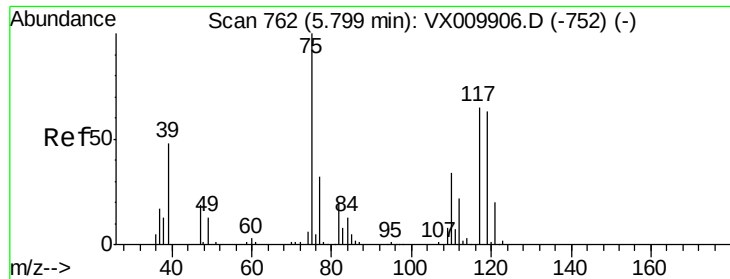
Tot Ion:114 Resp: 293334
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 47.4
 88 16.1 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 48.760 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010098.D
 Acq: 06 Jun 2019 00:39

Tgt Ion:113 Resp: 89924
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.2
 192 22.7 17.1 25.7

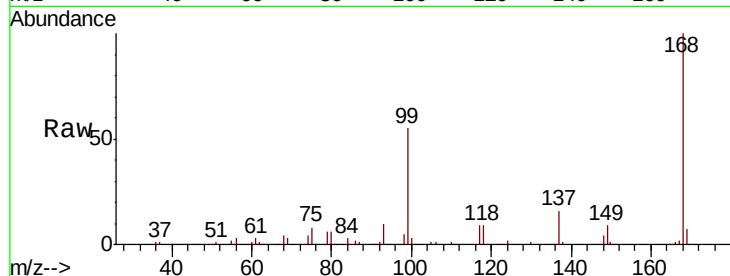




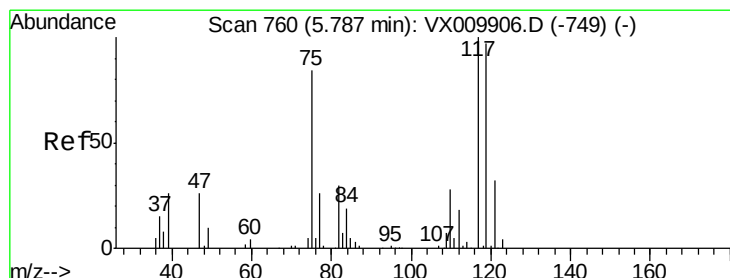
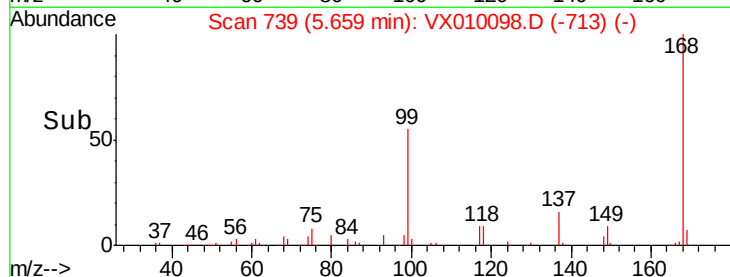
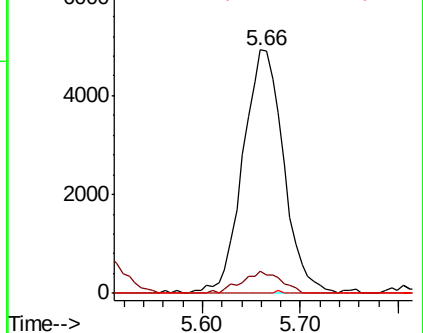
#36
 1,1-Dichloropropene
 Concen: 4.786 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010098.D
 Acq: 06 Jun 2019 00:39

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 14245
 Ion Ratio Lower Upper
 75 100
 110 8.6 16.7 50.1#
 77 0.1 25.0 37.4#

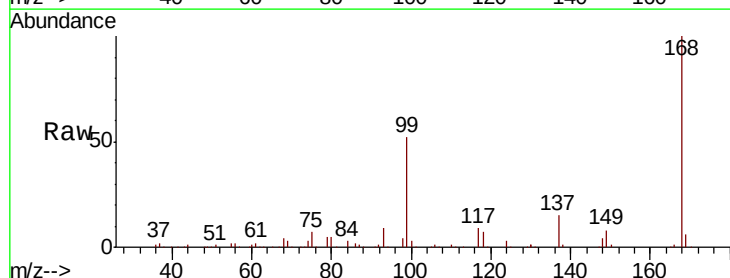


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

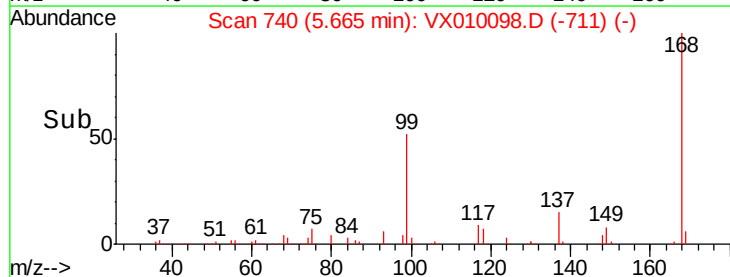
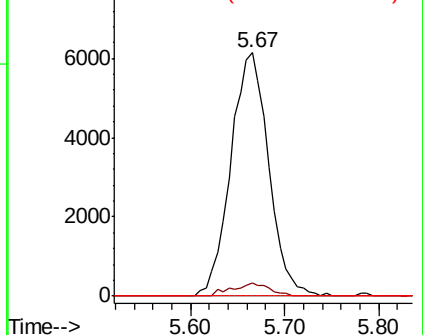


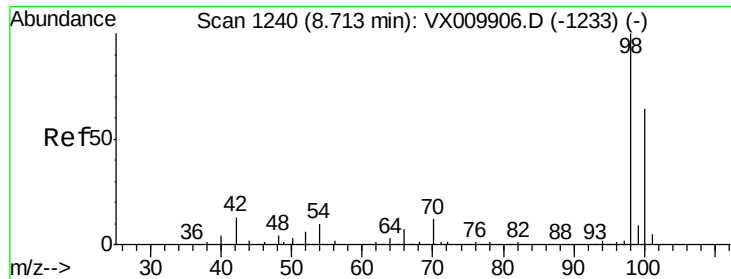
#38
 Carbon Tetrachloride
 Concen: 6.706 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX010098.D
 Acq: 06 Jun 2019 00:39

Tgt Ion:117 Resp: 17247
 Ion Ratio Lower Upper
 117 100
 119 5.3 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

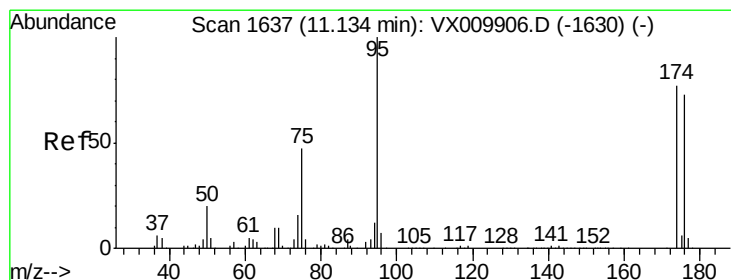
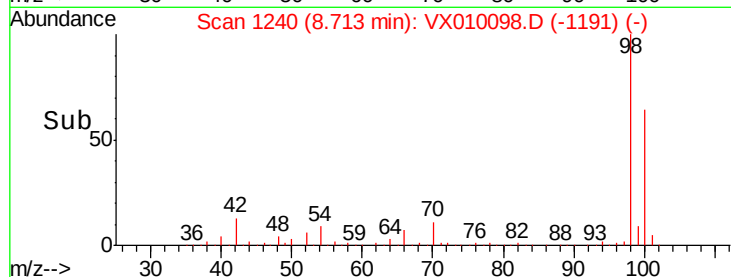
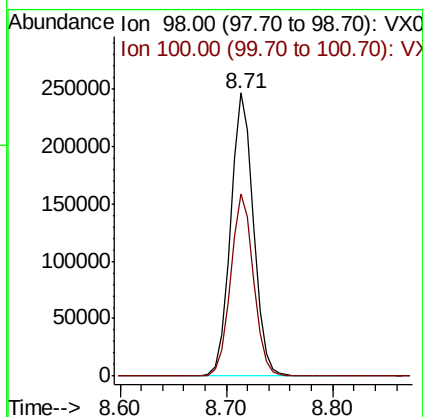
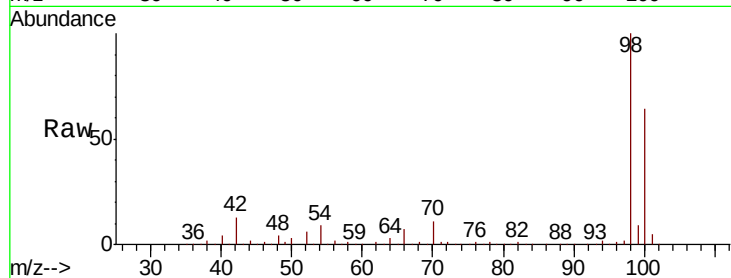




#50
Toluene-d8
Concen: 49.470 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010098.D
Acq: 06 Jun 2019 00:39

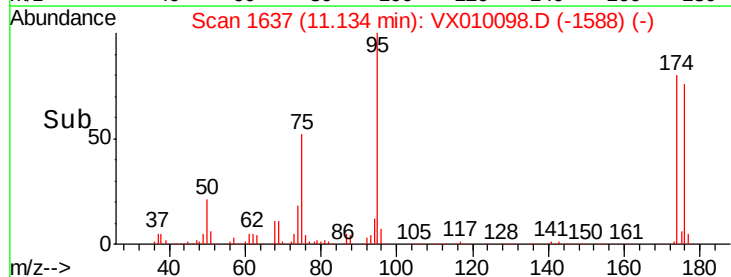
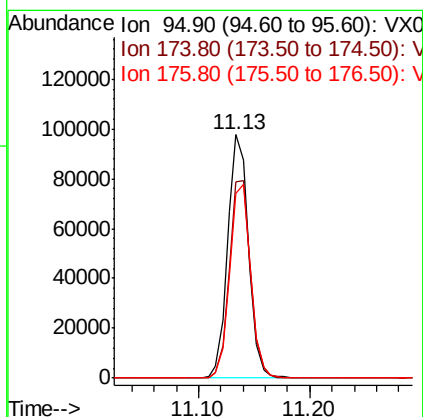
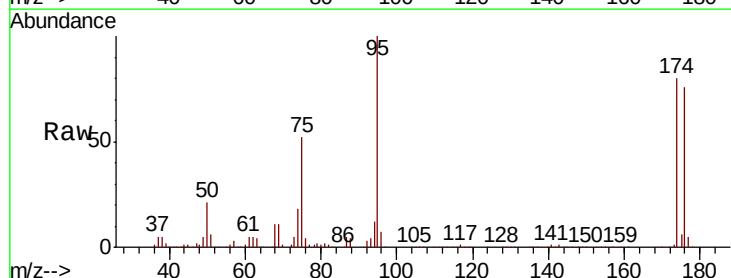
Instrument :
MSVOA_X
ClientSampled :

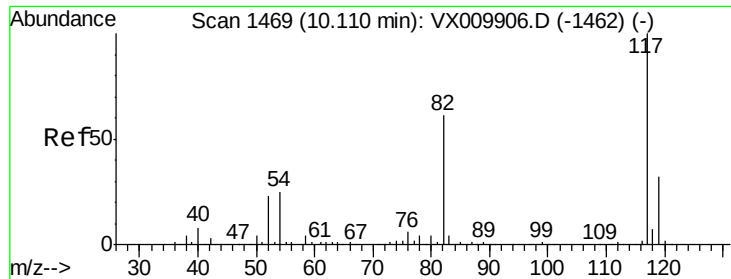
Tot Ion: 98 Resp: 370473
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 46.772 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010098.D
Acq: 06 Jun 2019 00:39

Tgt Ion: 95 Resp: 125812
Ion Ratio Lower Upper
95 100
174 83.3 0.0 160.4
176 80.4 0.0 154.6

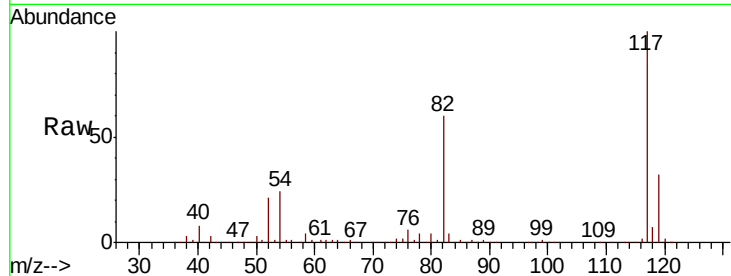




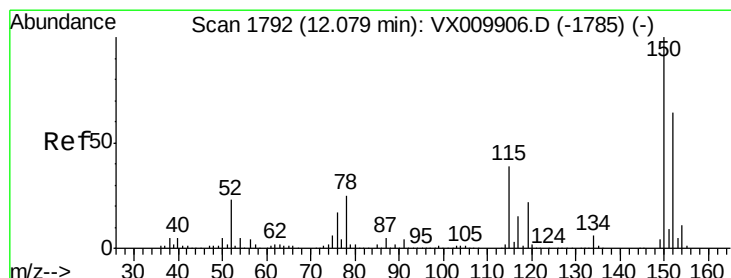
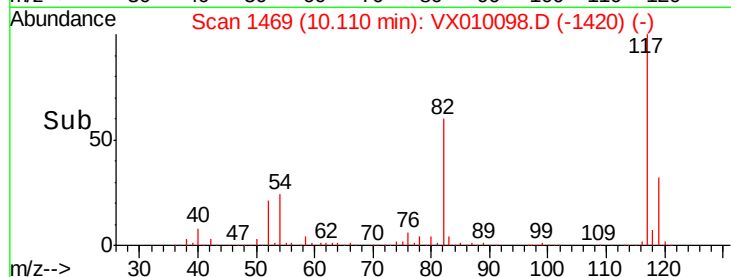
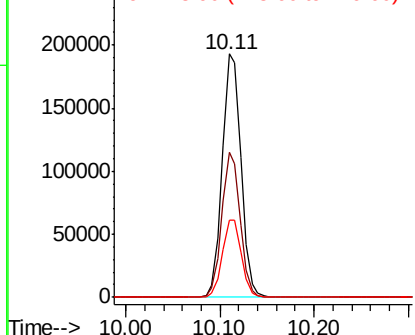
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010098.D
Acq: 06 Jun 2019 00:39

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 266795
Ion Ratio Lower Upper
117 100
82 59.6 49.2 73.8
119 31.8 25.2 37.8

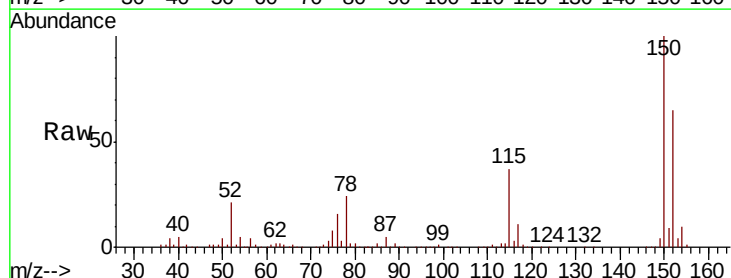


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

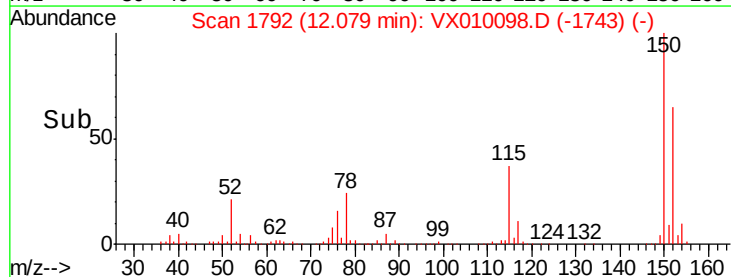
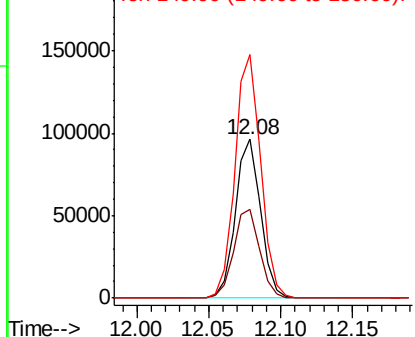


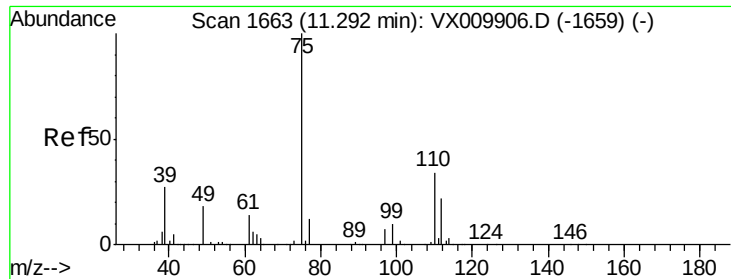
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010098.D
Acq: 06 Jun 2019 00:39

Tgt Ion:152 Resp: 117838
Ion Ratio Lower Upper
152 100
115 58.0 41.4 124.2
150 155.9 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: 22.973 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010098.D

Acq: 06 Jun 2019 00:39

Instrument :

MSVOA_X

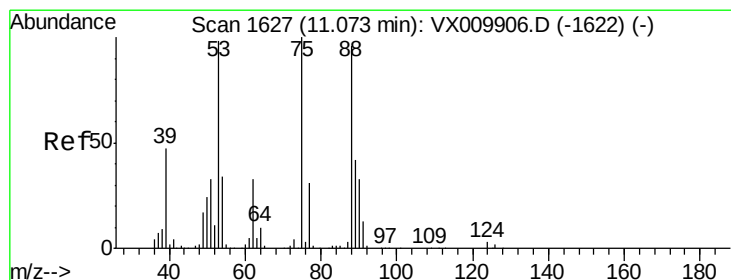
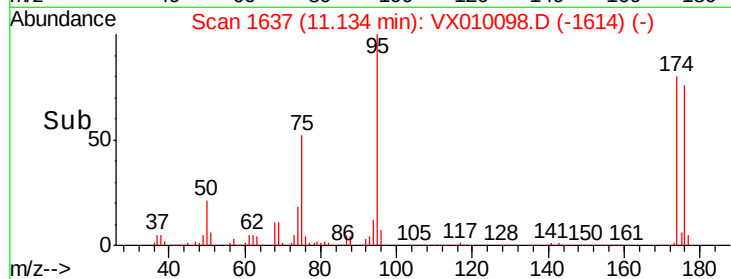
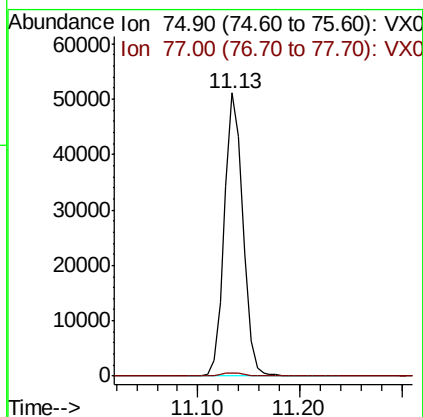
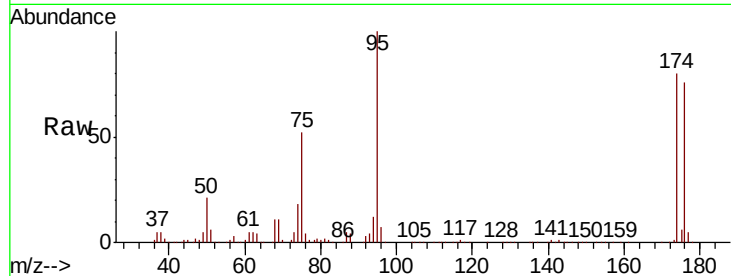
ClientSampled :

Tot Ion: 75 Resp: 64736

Ion Ratio Lower Upper

75 100

77 1.5 22.1 66.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 56.840 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010098.D

Acq: 06 Jun 2019 00:39

Tgt Ion: 75 Resp: 64736

Ion Ratio Lower Upper

75 100

53 0.1 79.8 119.6#

89 0.0 34.2 51.4#

