

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060319\
 Data File : VX010034.D
 Acq On : 03 Jun 2019 14:27
 Operator : JC/SP
 Sample : K3131-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 03:40:08 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	174695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	278095	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	106806	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	114506	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
35) Dibromofluoromethane	5.50	113	84444	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
50) Toluene-d8	8.71	98	347942	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
62) 4-Bromofluorobenzene	11.13	95	116128	45.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.08%	

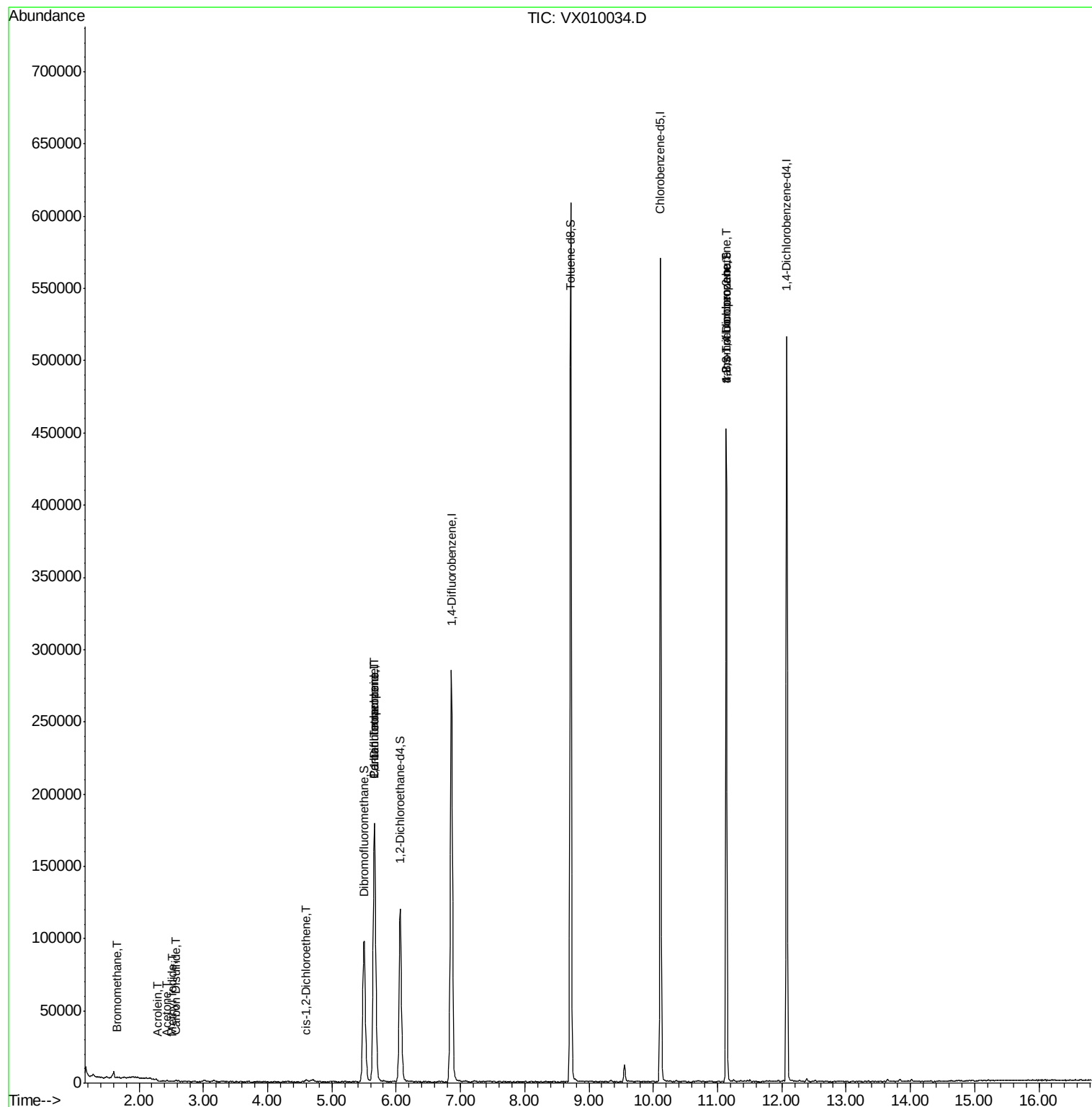
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	450	0.287	ug/l	87
10) Methyl Iodide	2.52	142	315	4.790	ug/l #	73
13) Acrolein	2.29	56	120	21.352	ug/l #	28
16) Acetone	2.44	43	696	0.488	ug/l #	80
17) Carbon Disulfide	2.57	76	1347	0.634	ug/l #	80
27) cis-1,2-Dichloroethene	4.59	96	635	0.279	ug/l	91
36) 1,1-Dichloropropene	5.66	75	13444	4.765	ug/l #	50
38) Carbon Tetrachloride	5.66	117	16692	6.846	ug/l #	17
76) 1,2,3-Trichloropropane	11.13	75	59053	23.121	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	59053	57.206	ug/l #	10

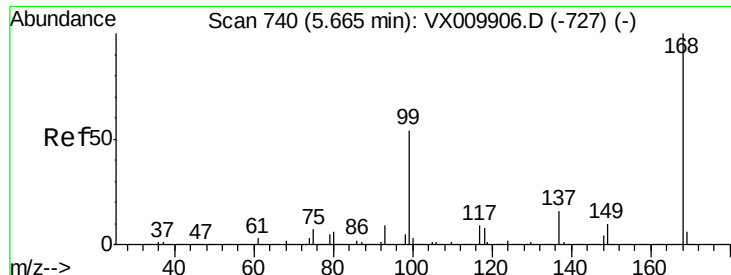
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060319\
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ALS Vial : 11 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :

Quant Time: Jun 04 03:40:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
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: VX010034.D

Acq: 03 Jun 2019 14:27

Instrument :

MSVOA_X

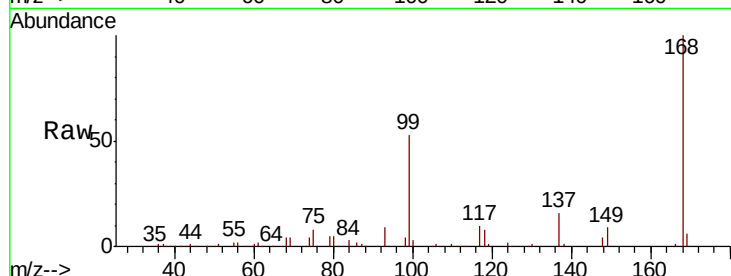
ClientSampleId :

Tot Ion:168 Resp: 174695

Ion Ratio Lower Upper

168 100

99 53.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

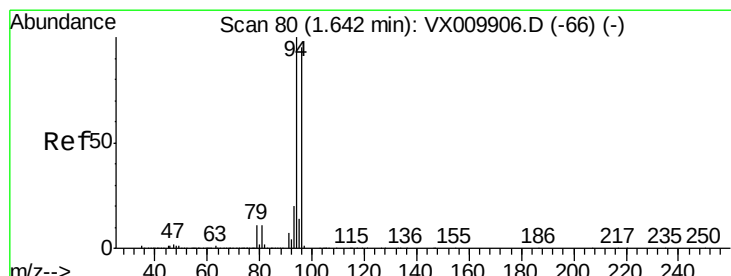
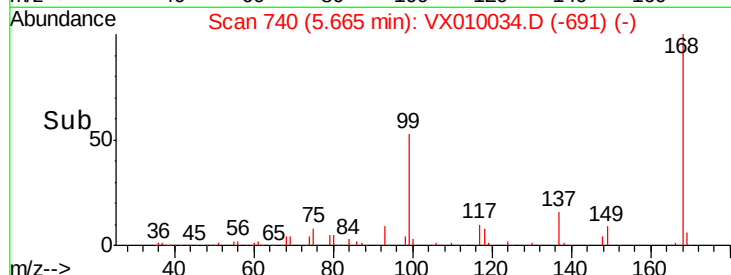
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.287 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010034.D

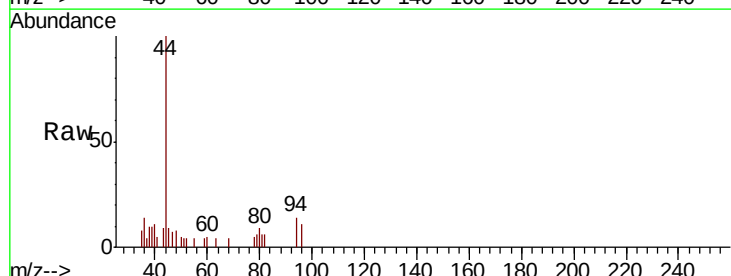
Acq: 03 Jun 2019 14:27

Tgt Ion: 94 Resp: 450

Ion Ratio Lower Upper

94 100

96 82.5 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

200

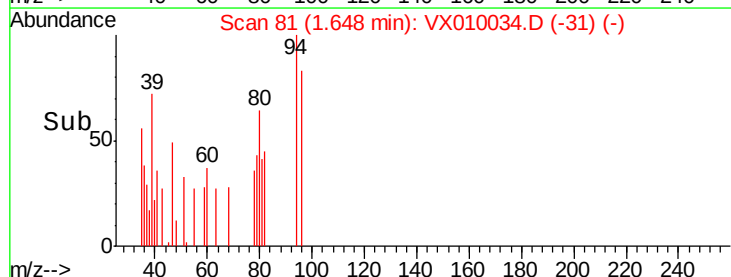
150

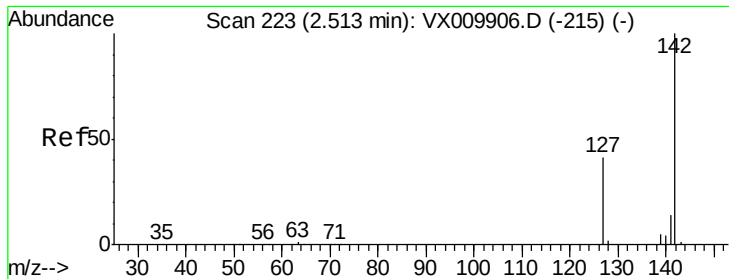
100

50

0

Time--> 1.60 1.65 1.70

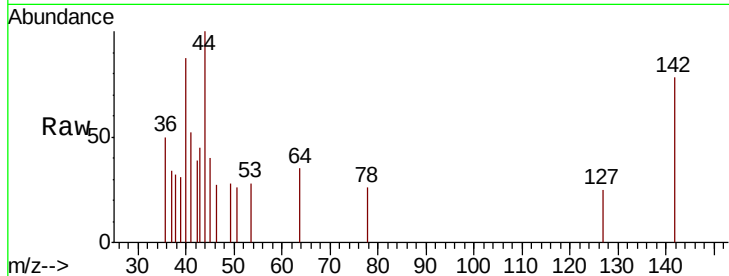




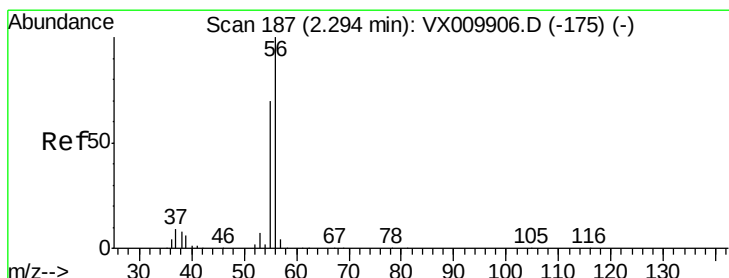
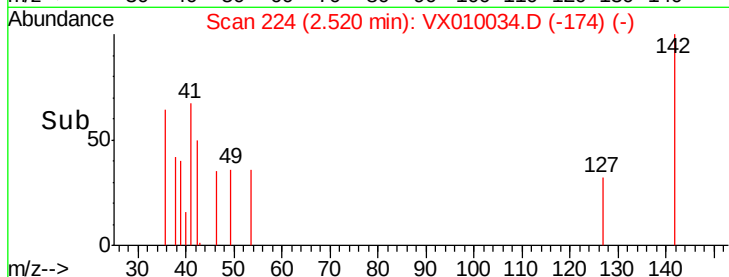
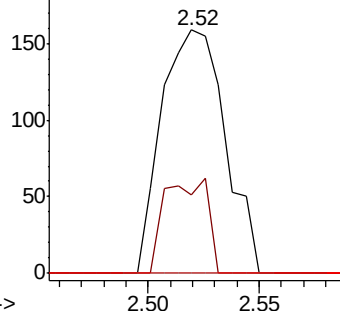
#10
Methvl Iodide
Concen: 4.790 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX010034.D
Acq: 03 Jun 2019 14:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 315
Ion Ratio Lower Upper
142 100
127 26.0 33.0 49.4#
141 0.0 11.4 17.0#

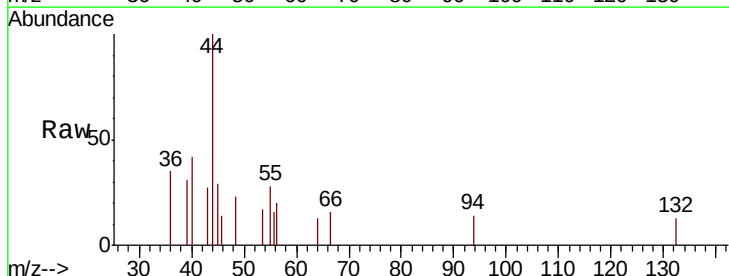


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

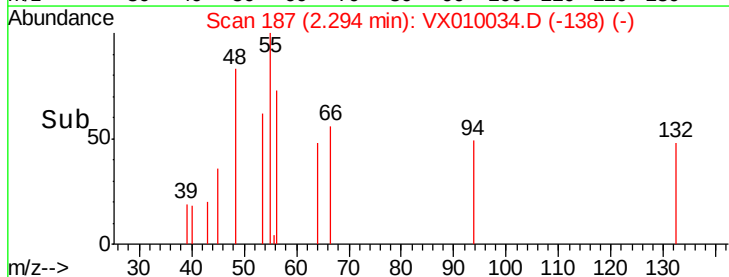
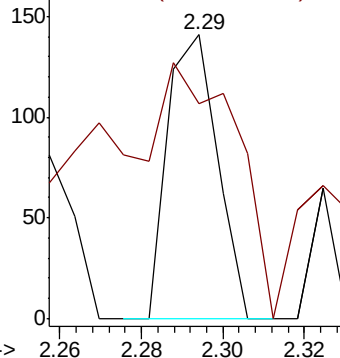


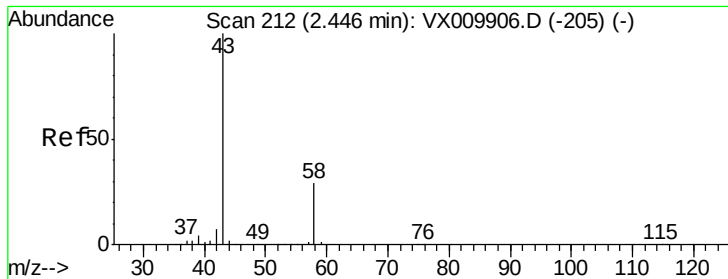
#13
Acrolein
Concen: 21.352 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010034.D
Acq: 03 Jun 2019 14:27

Tgt Ion: 56 Resp: 120
Ion Ratio Lower Upper
56 100
55 130.8 57.0 85.4#



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





#16

Acetone

Concen: 0.488 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010034.D

Acq: 03 Jun 2019 14:27

Instrument :

MSVOA_X

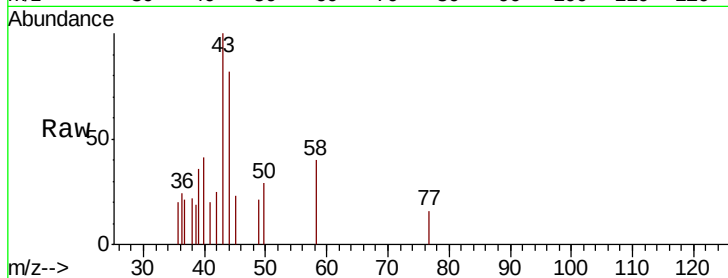
ClientSampled :

Tot Ion: 43 Resp: 696

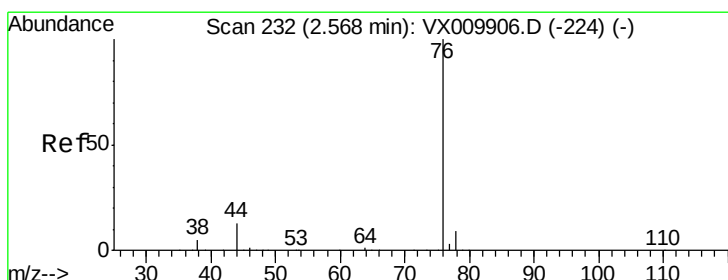
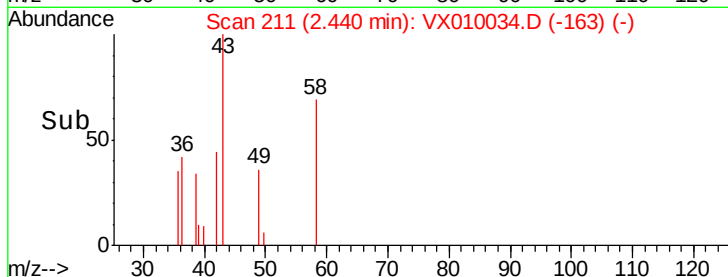
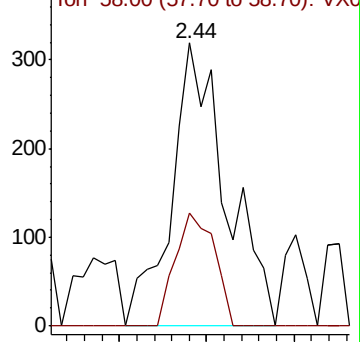
Ion Ratio Lower Upper

43 100

58 39.8 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0



#17

Carbon Disulfide

Concen: 0.634 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010034.D

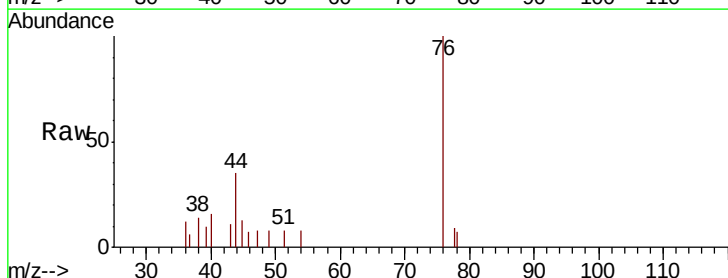
Acq: 03 Jun 2019 14:27

Tgt Ion: 76 Resp: 1347

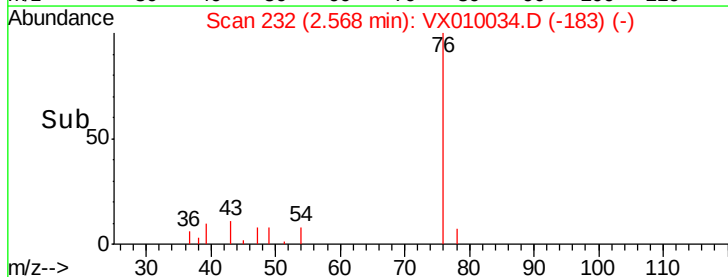
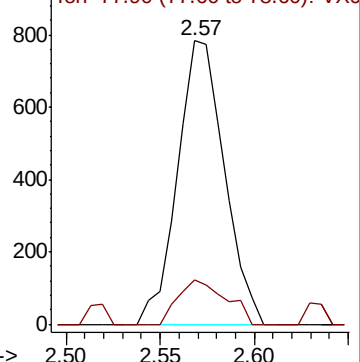
Ion Ratio Lower Upper

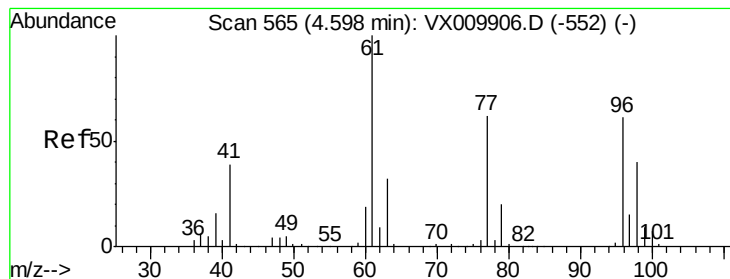
76 100

78 15.8 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0



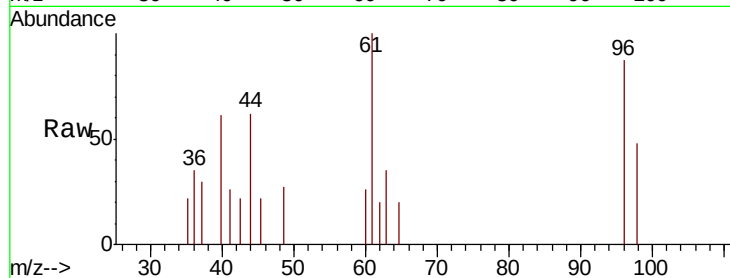


#27

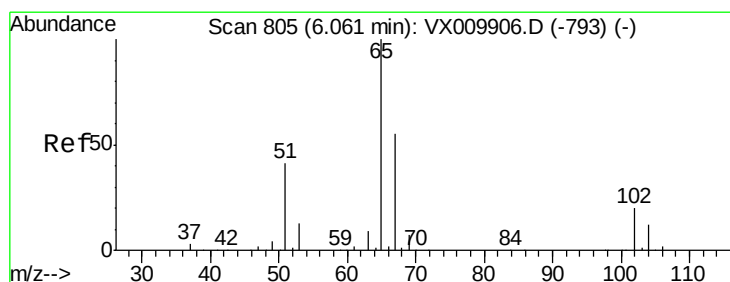
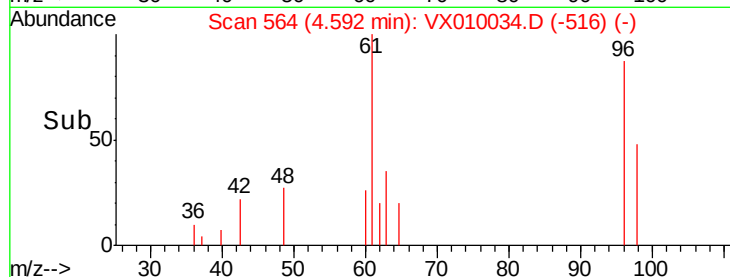
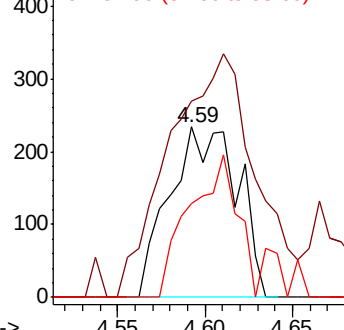
cis-1,2-Dichloroethene
Concen: 0.279 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010034.D
Acq: 03 Jun 2019 14:27

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 635
Ion Ratio Lower Upper
96 100
61 179.4 0.0 334.0
98 58.4 0.0 131.6



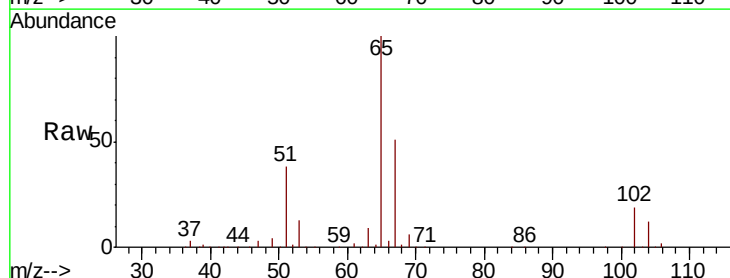
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



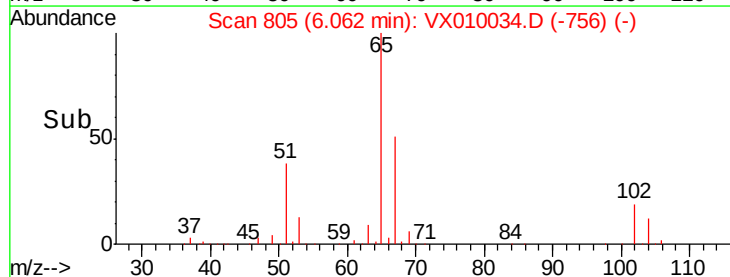
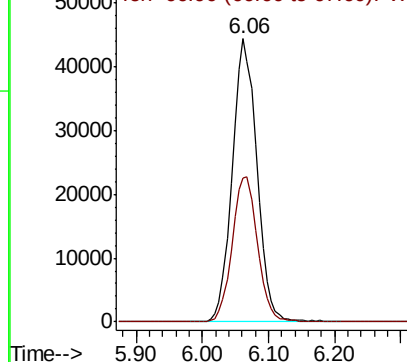
#33

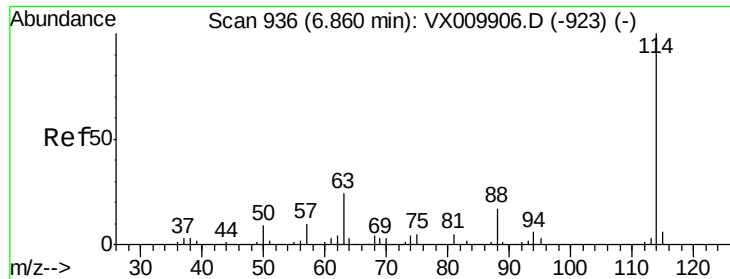
1,2-Dichloroethane-d4
Concen: 46.402 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010034.D
Acq: 03 Jun 2019 14:27

Tgt Ion: 65 Resp: 114506
Ion Ratio Lower Upper
65 100
67 52.6 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

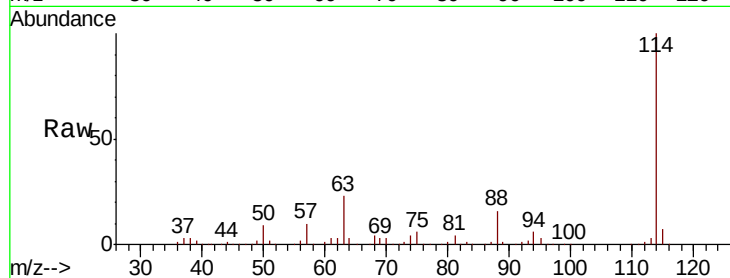




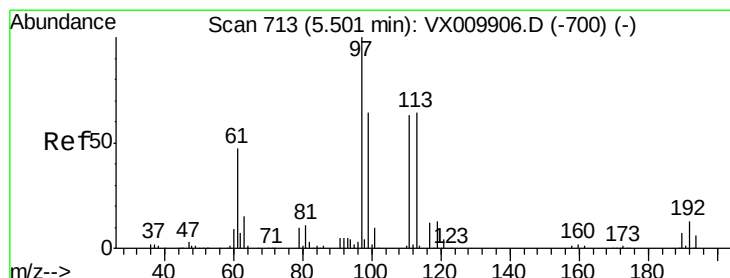
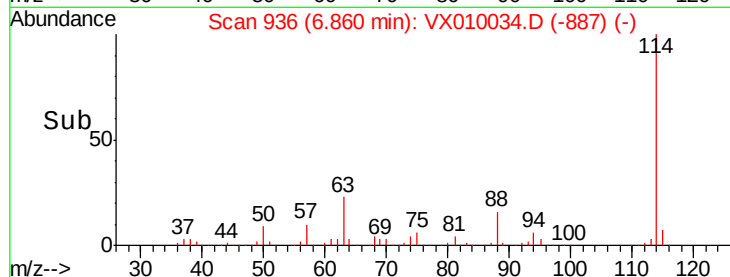
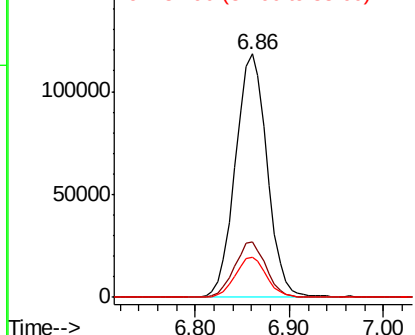
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010034.D
Acq: 03 Jun 2019 14:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:114 Resp: 278095
Ion Ratio Lower Upper
114 100
63 22.7 0.0 47.4
88 16.5 0.0 33.0

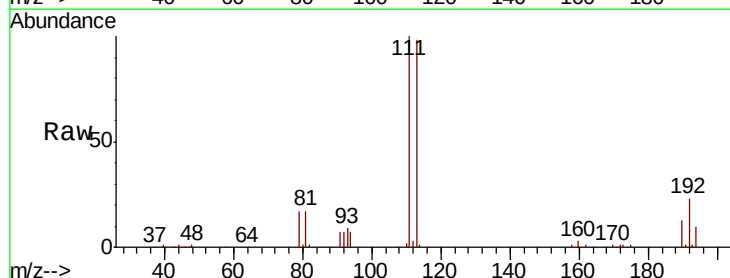


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

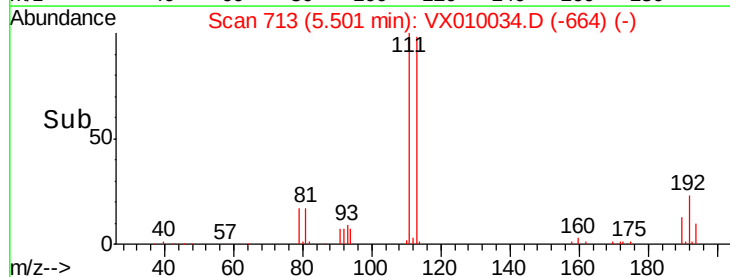
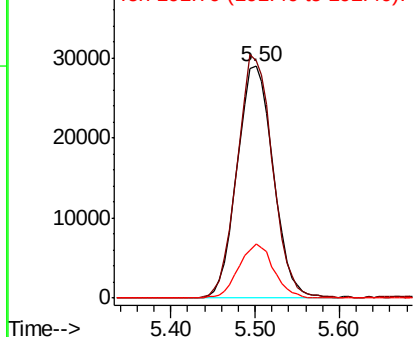


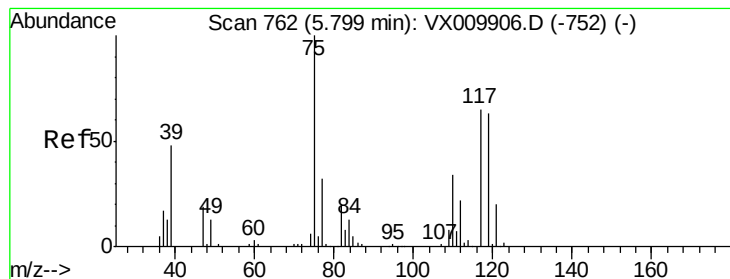
#35
Dibromofluoromethane
Concen: 48.298 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010034.D
Acq: 03 Jun 2019 14:27

Tgt Ion:113 Resp: 84444
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 22.6 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: 4.765 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010034.D

Acq: 03 Jun 2019 14:27

Instrument :

MSVOA_X

ClientSampleId :

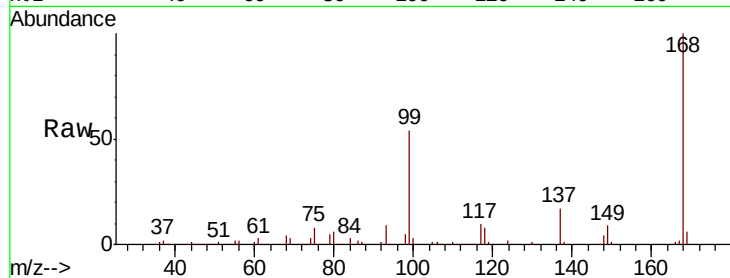
Tot Ion: 75 Resp: 13444

Ion Ratio Lower Upper

75 100

110 8.7 16.7 50.1#

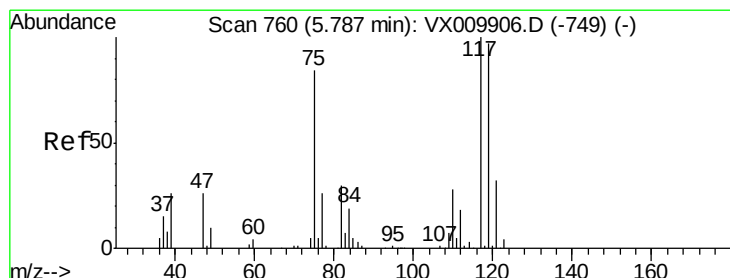
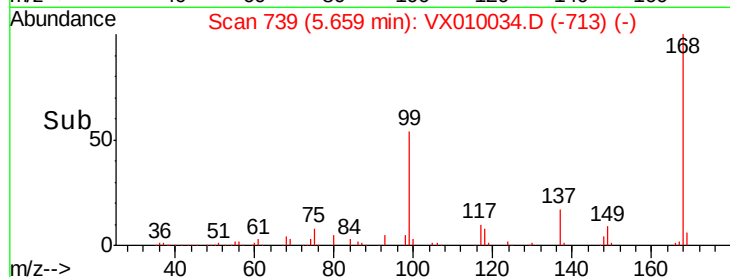
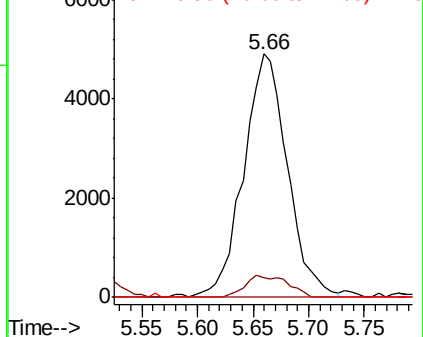
77 0.0 25.0 37.4#



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: 6.846 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010034.D

Acq: 03 Jun 2019 14:27

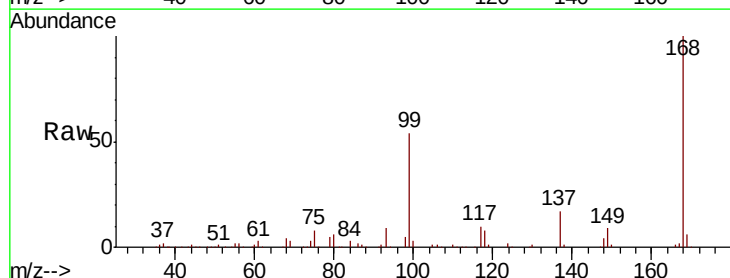
Tgt Ion: 117 Resp: 16692

Ion Ratio Lower Upper

117 100

119 6.5 77.3 115.9#

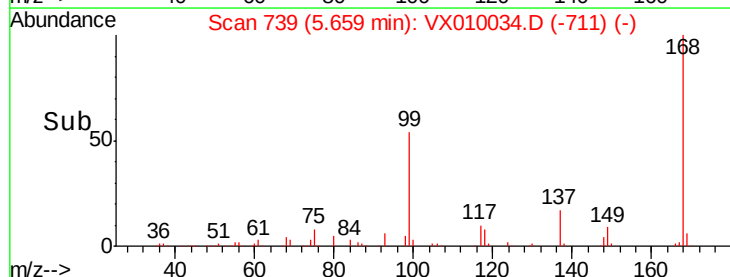
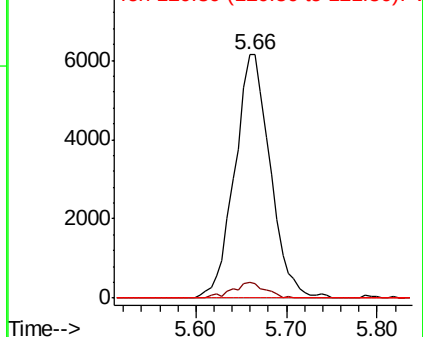
121 0.0 25.4 38.0#

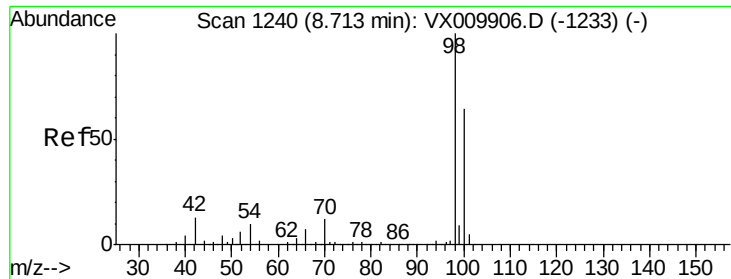


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

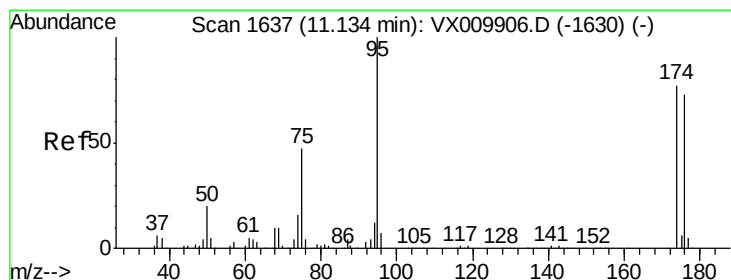
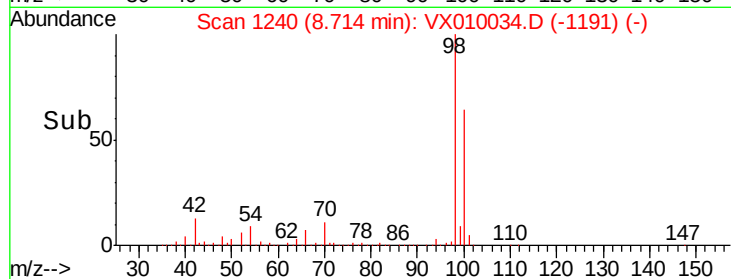
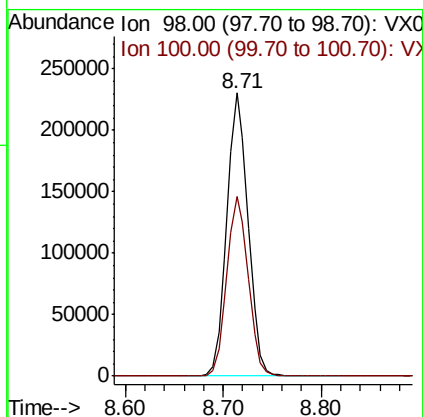
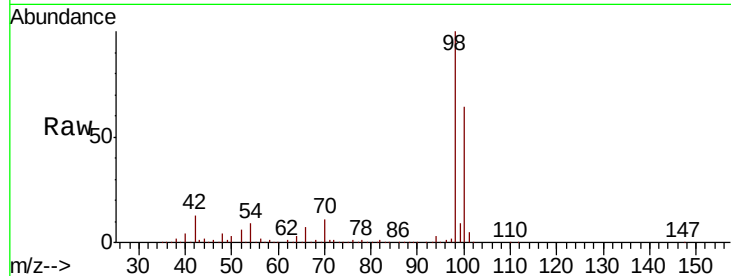




#50
Toluene-d8
Concen: 49.007 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010034.D
Acq: 03 Jun 2019 14:27

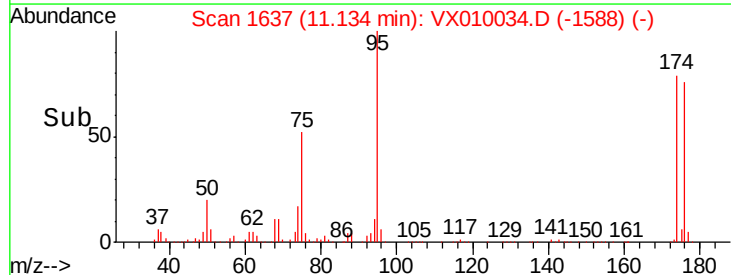
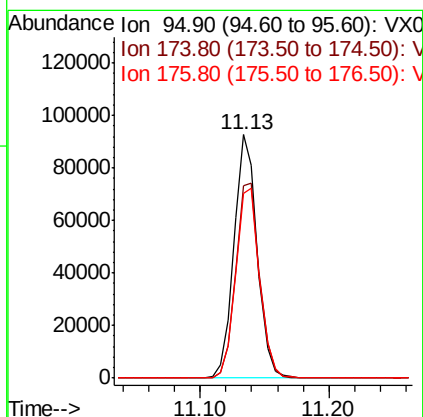
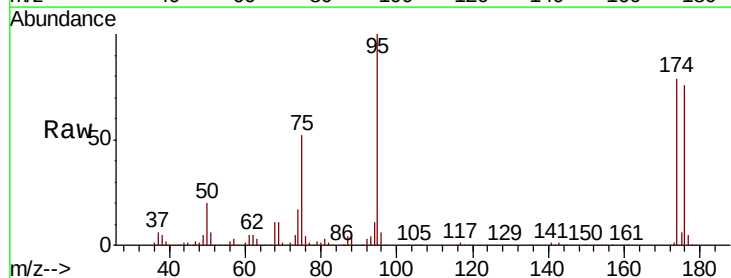
Instrument :
MSVOA_X
ClientSampleId :

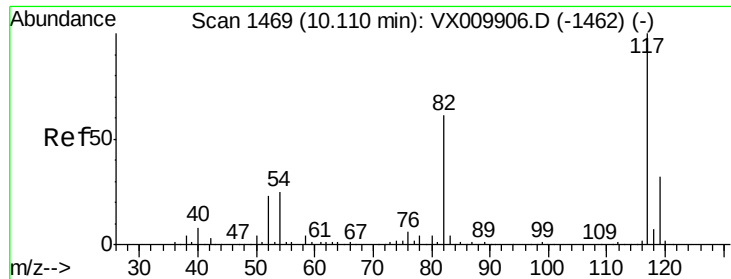
Tot Ion: 98 Resp: 347942
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 45.538 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010034.D
Acq: 03 Jun 2019 14:27

Tgt Ion: 95 Resp: 116128
Ion Ratio Lower Upper
95 100
174 82.8 0.0 160.4
176 80.4 0.0 154.6

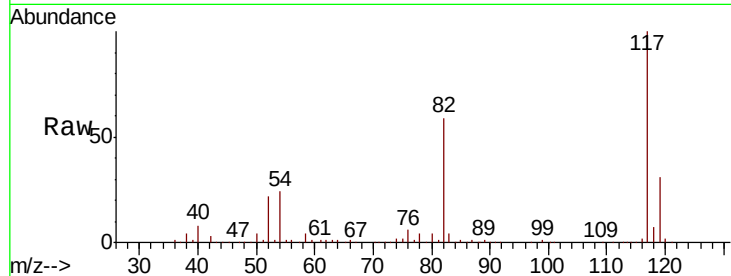




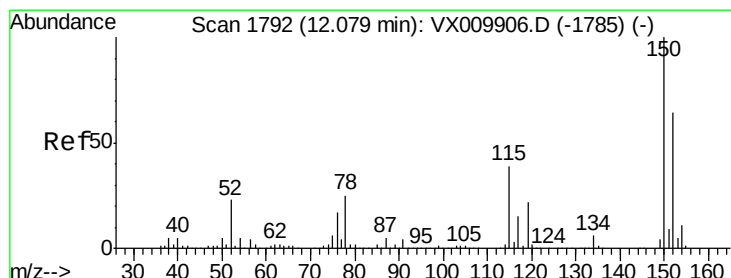
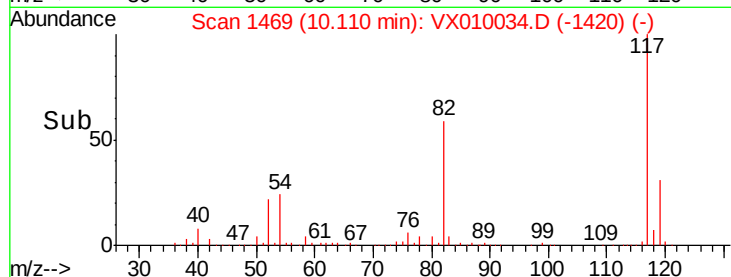
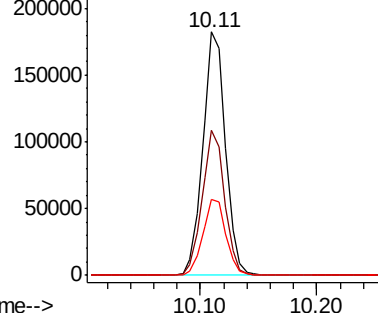
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010034.D
Acq: 03 Jun 2019 14:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 246042
Ion Ratio Lower Upper
117 100
82 59.4 49.2 73.8
119 31.2 25.2 37.8

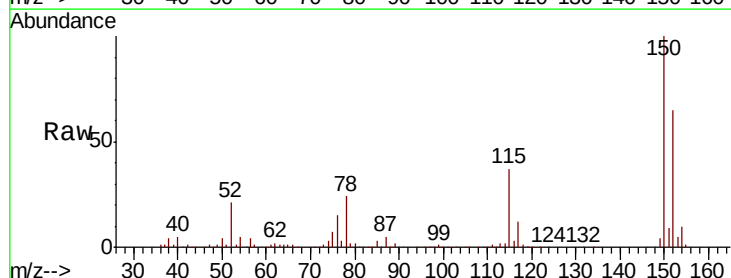


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

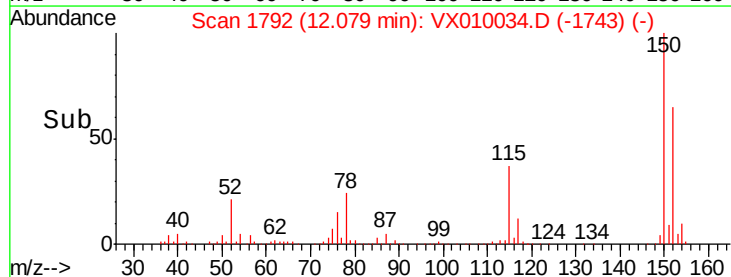
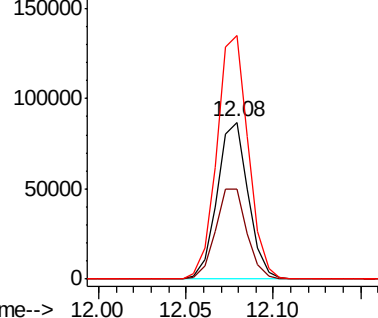


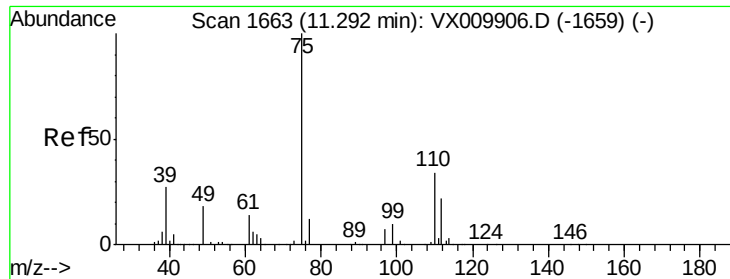
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010034.D
Acq: 03 Jun 2019 14:27

Tgt Ion:152 Resp: 106806
Ion Ratio Lower Upper
152 100
115 58.5 41.4 124.2
150 157.4 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

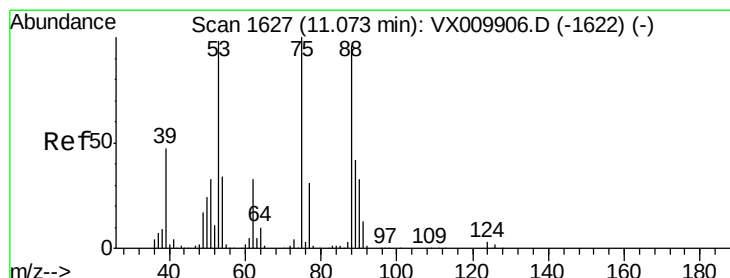
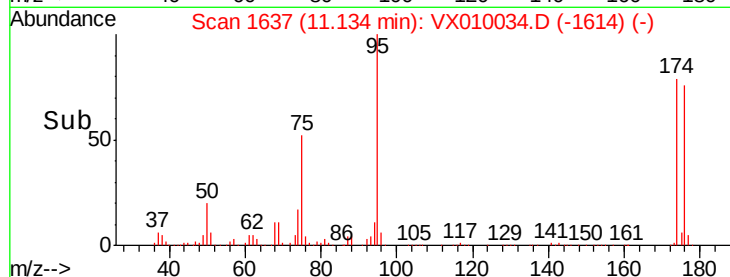
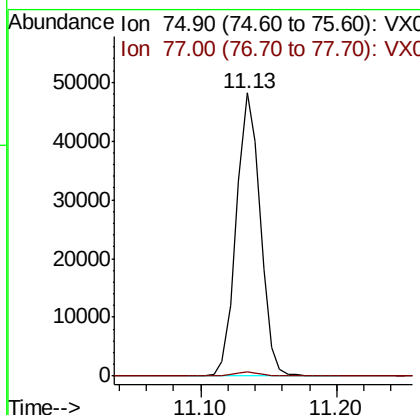
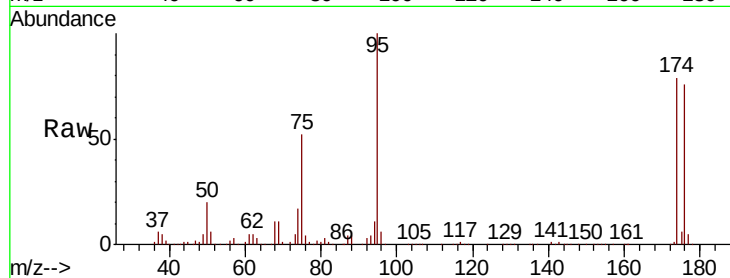




#76
 1,2,3-Trichloropropane
 Concen: 23.121 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010034.D
 Acq: 03 Jun 2019 14:27

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 75 Resp: 59053
 Ion Ratio Lower Upper
 75 100
 77 1.5 22.1 66.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.206 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010034.D
 Acq: 03 Jun 2019 14:27

Tgt Ion: 75 Resp: 59053
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.8 119.6#
 89 0.0 34.2 51.4#

