

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060519\
 Data File : VX010067.D
 Acq On : 05 Jun 2019 11:24
 Operator : JC/SP
 Sample : VX0605WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBL01

Quant Time: Jun 05 11:44:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 28 13:02:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	176770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	280885	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116575	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	123343	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
35) Dibromofluoromethane	5.50	113	91923	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
50) Toluene-d8	8.71	98	376860	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
62) 4-Bromofluorobenzene	11.13	95	128687	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	

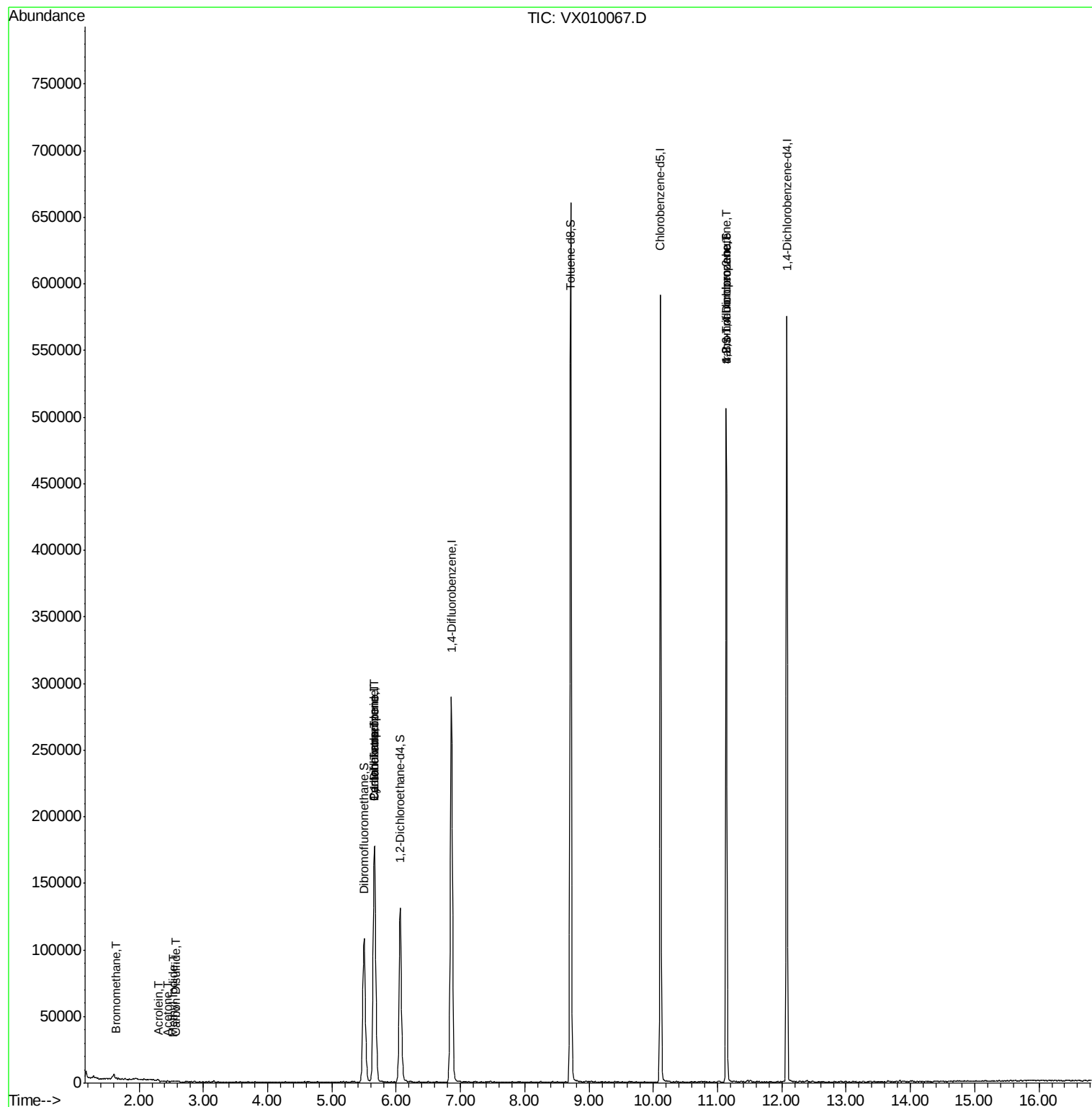
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	523	0.330	ug/l #	66
10) Methyl Iodide	2.52	142	176	4.730	ug/l #	59
13) Acrolein	2.29	56	223	21.566	ug/l #	76
16) Acetone	2.45	43	443	0.307	ug/l	89
17) Carbon Disulfide	2.57	76	989	0.566	ug/l	98
31) Cyclohexane	5.66	56	4089	1.076	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	13405	4.704	ug/l #	50
38) Carbon Tetrachloride	5.66	117	16714	6.787	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	66240	20.072	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	66240	58.790	ug/l #	10

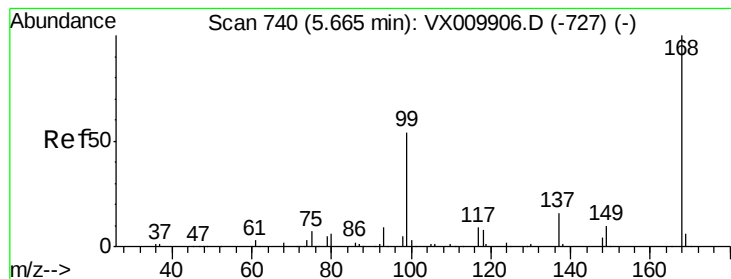
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX060519\
Data File : VX010067.D
Acq On : 05 Jun 2019 11:24
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
VX0605WBL01

Quant Time: Jun 05 11:44:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Tue May 28 13:02:54 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: VX010067.D

Acq: 05 Jun 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

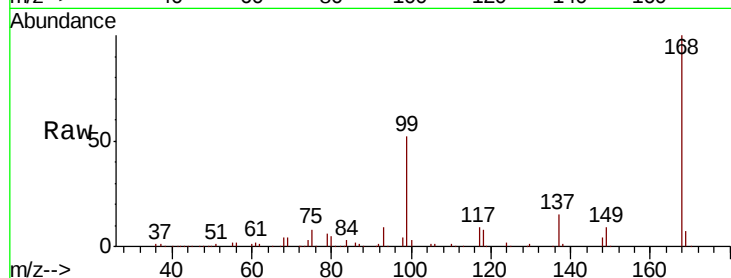
VX0605WBL01

Tgt Ion:168 Resp: 176770

Ion Ratio Lower Upper

168 100

99 51.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

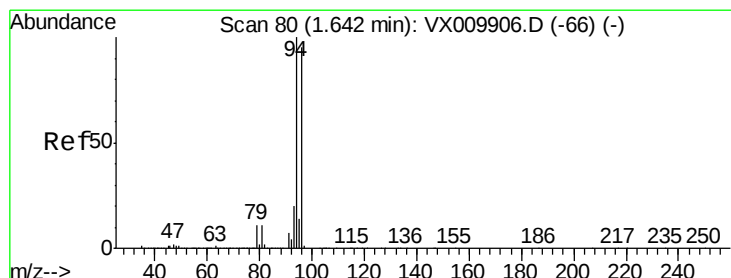
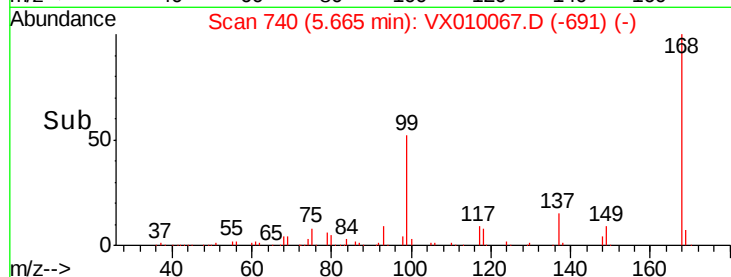
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#5

Bromomethane

Concen: 0.330 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010067.D

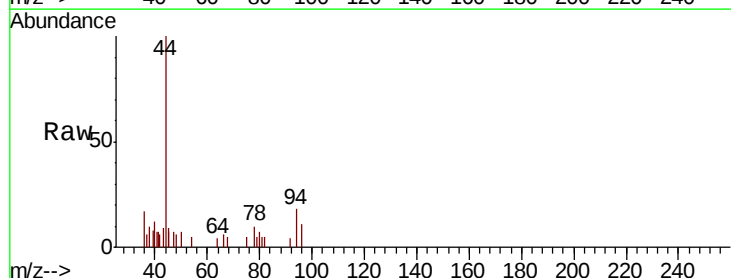
Acq: 05 Jun 2019 11:24

Tgt Ion: 94 Resp: 523

Ion Ratio Lower Upper

94 100

96 59.0 73.0 109.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

250

200

150

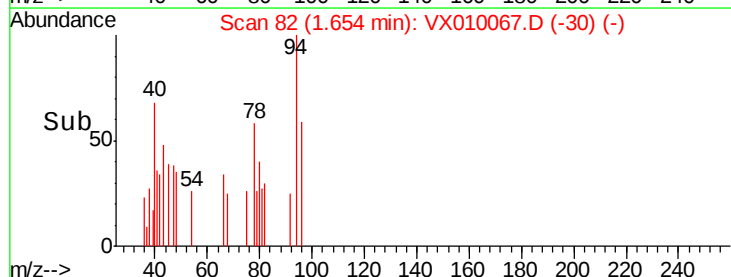
100

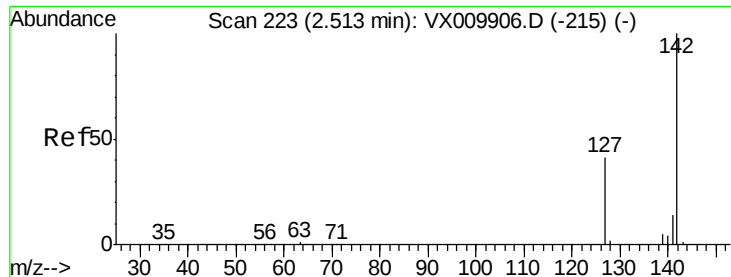
50

0

Time-->

1.60 1.65 1.70

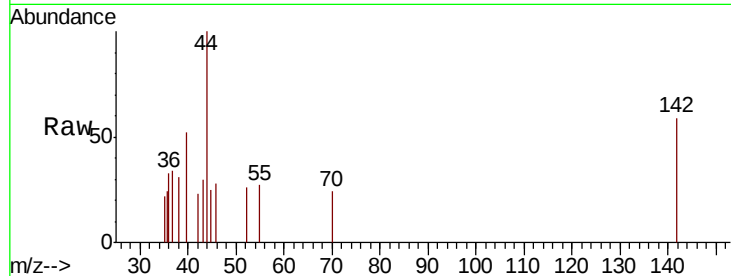




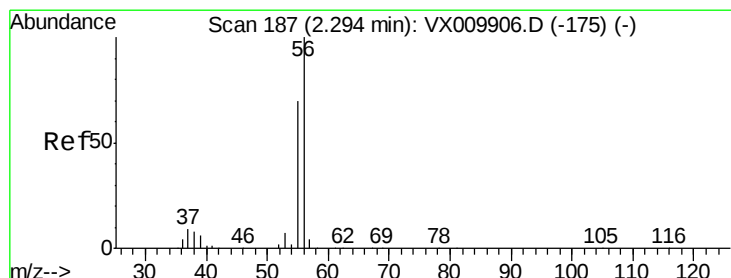
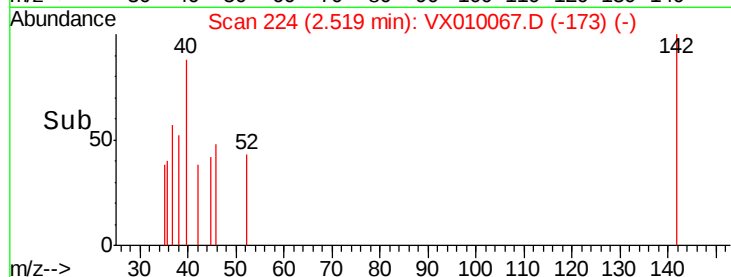
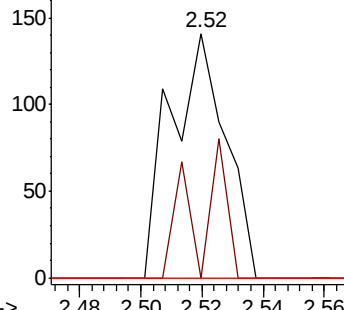
#10
Methyl Iodide
Concen: 4.730 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX010067.D
Acq: 05 Jun 2019 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBL01

Tgt Ion:142 Resp: 176
Ion Ratio Lower Upper
142 100
127 14.2 32.7 49.1#
141 0.0 11.5 17.3#

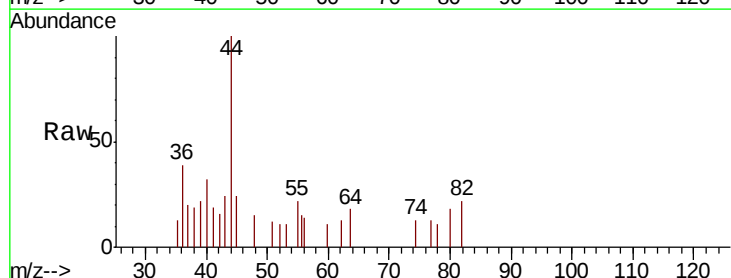


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

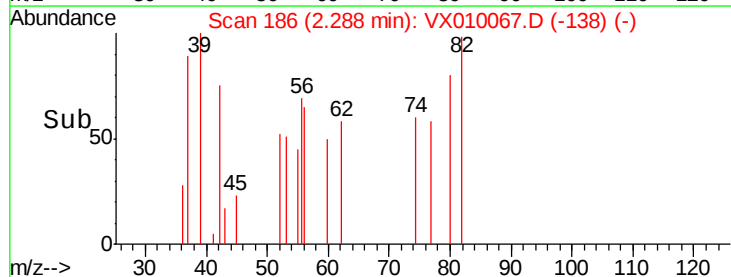
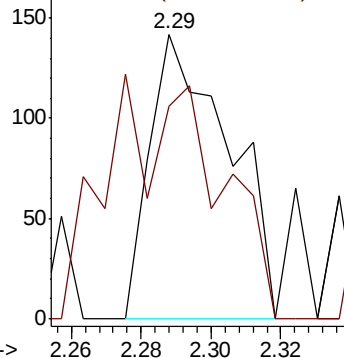


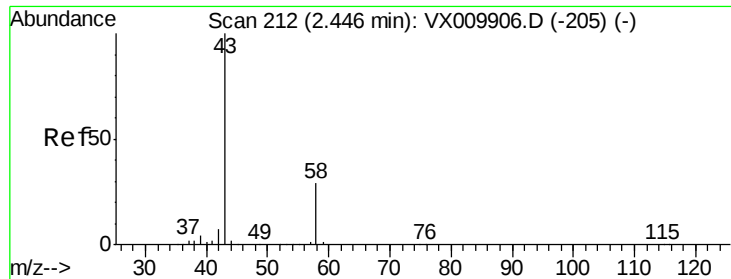
#13
Acrolein
Concen: 21.566 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX010067.D
Acq: 05 Jun 2019 11:24

Tgt Ion: 56 Resp: 223
Ion Ratio Lower Upper
56 100
55 50.7 56.6 85.0#



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





#16

Acetone

Concen: 0.307 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010067.D

Acq: 05 Jun 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

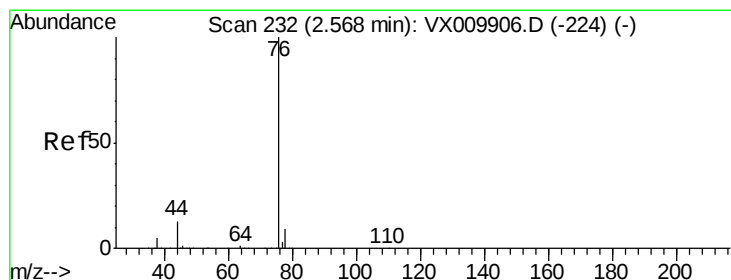
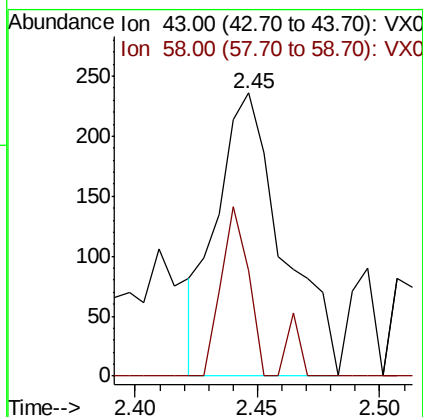
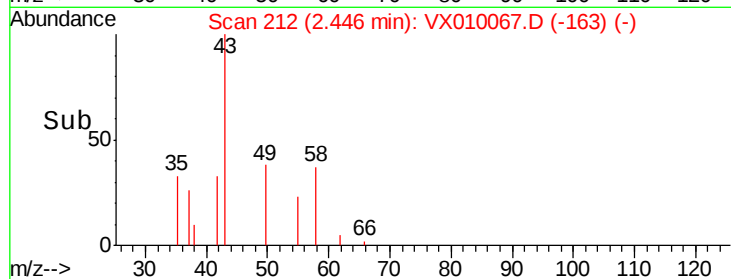
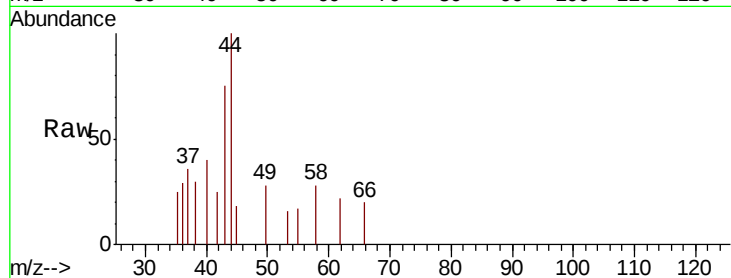
VX0605WBL01

Tgt Ion: 43 Resp: 443

Ion Ratio Lower Upper

43 100

58 37.3 24.9 37.3



#17

Carbon Disulfide

Concen: 0.566 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010067.D

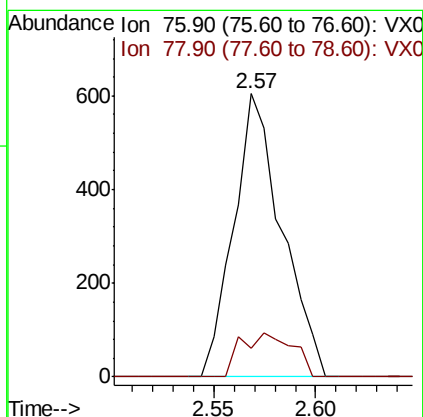
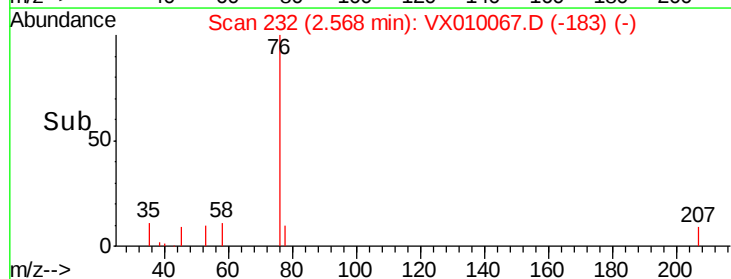
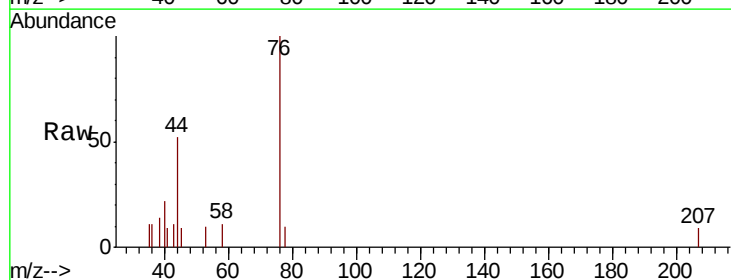
Acq: 05 Jun 2019 11:24

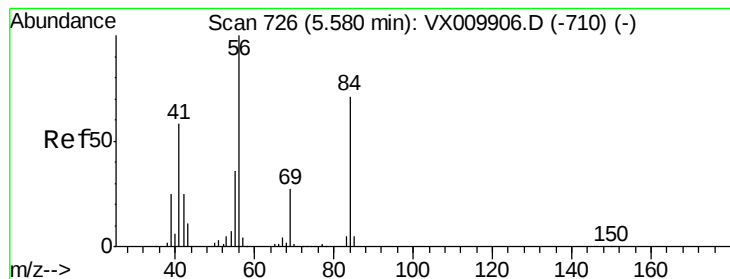
Tgt Ion: 76 Resp: 989

Ion Ratio Lower Upper

76 100

78 10.1 7.4 11.0





#31

Cyclohexane

Concen: 1.076 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.08 min

Lab File: VX010067.D

Acq: 05 Jun 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBL01

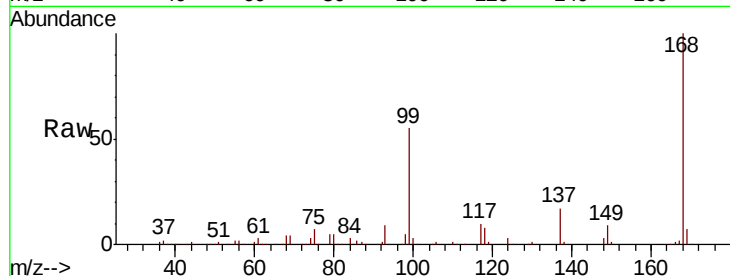
Tgt Ion: 56 Resp: 4089

Ion Ratio Lower Upper

56 100

69 171.9 23.4 35.0#

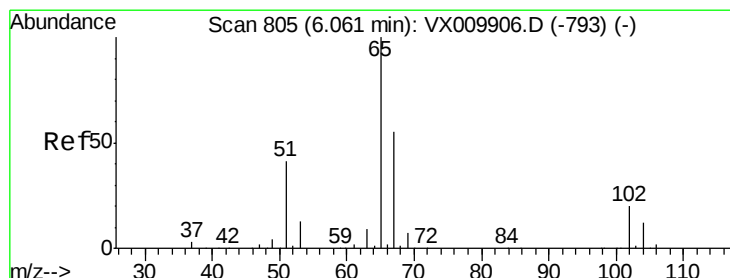
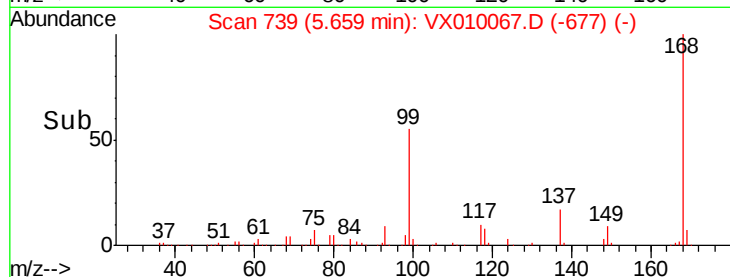
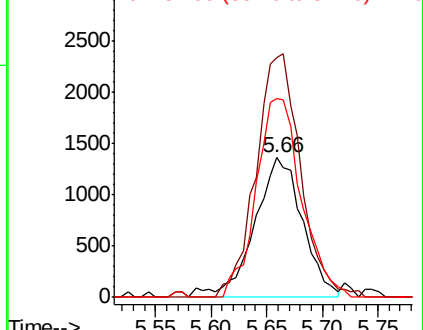
84 142.3 61.9 92.9#



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: 49.396 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010067.D

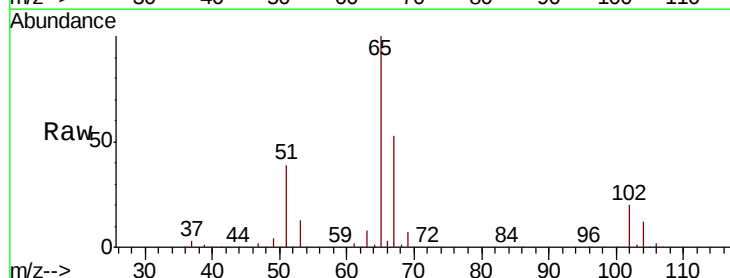
Acq: 05 Jun 2019 11:24

Tgt Ion: 65 Resp: 123343

Ion Ratio Lower Upper

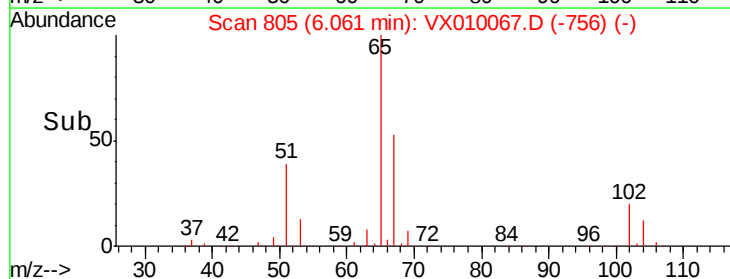
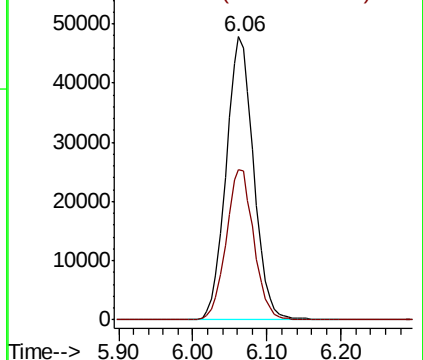
65 100

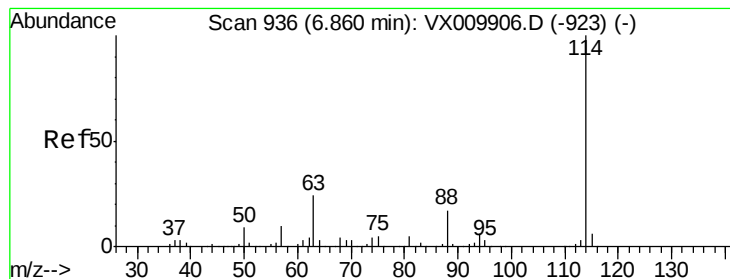
67 53.4 0.0 106.6



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: VX010067.D

Acq: 05 Jun 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBL01

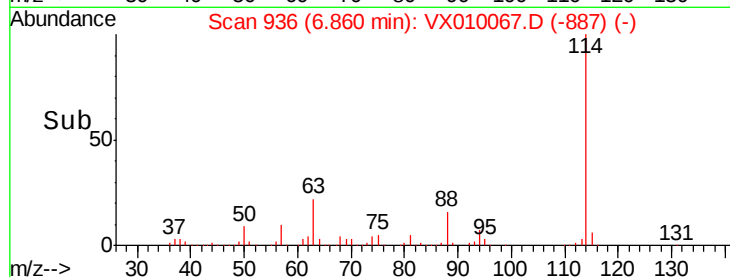
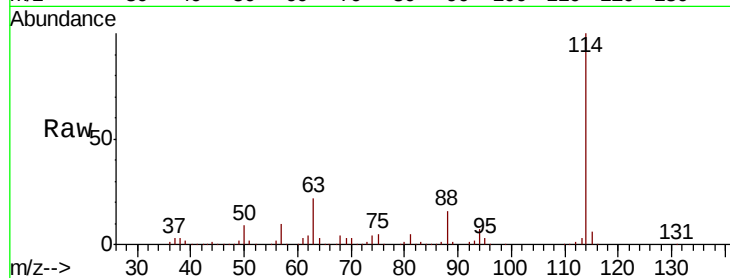
Tgt Ion:114 Resp: 280885

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

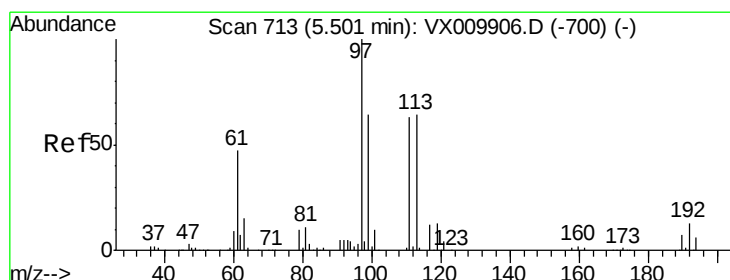
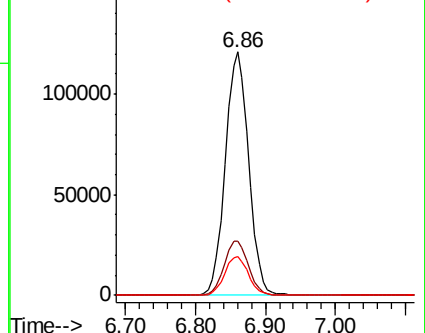
88 16.0 0.0 33.2



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: 52.054 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX010067.D

Acq: 05 Jun 2019 11:24

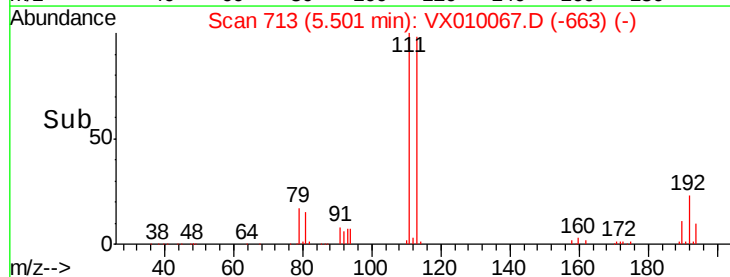
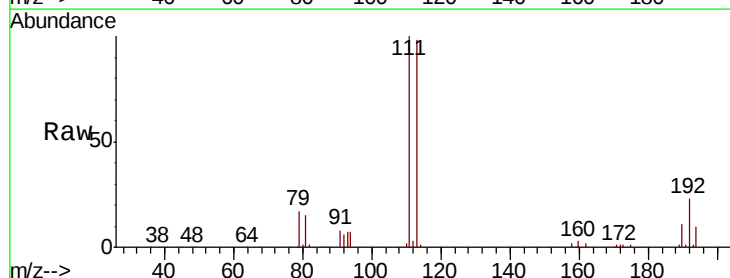
Tgt Ion:113 Resp: 91923

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

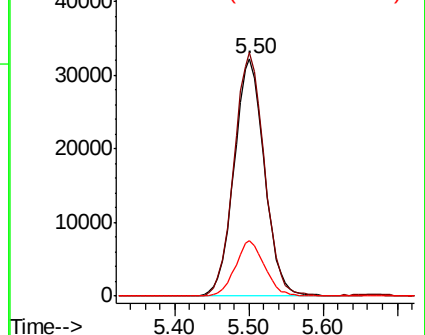
192 22.4 17.0 25.6

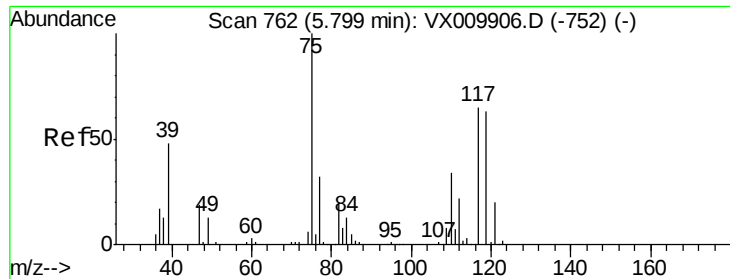


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

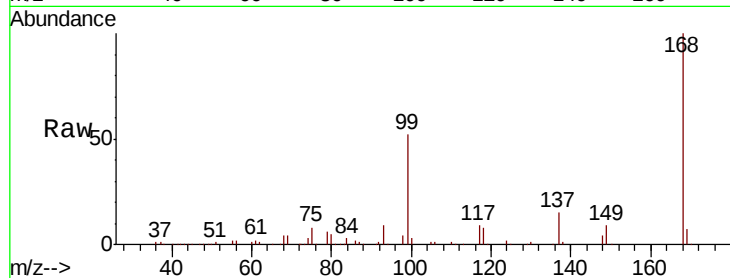




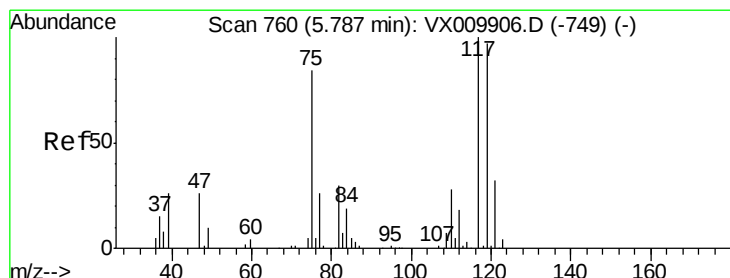
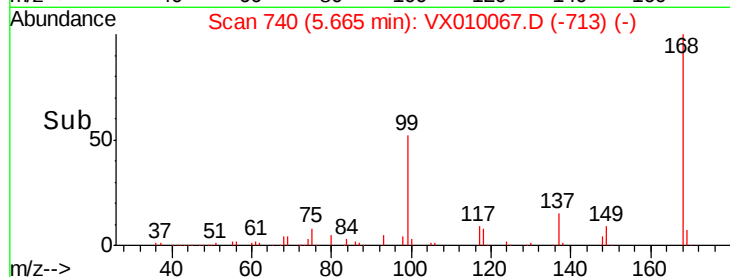
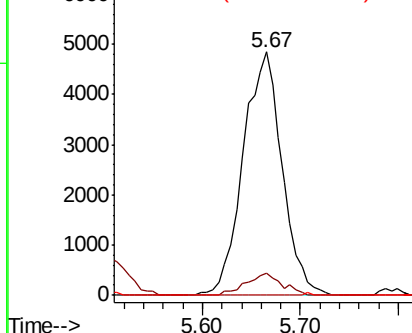
#36
 1,1-Dichloropropene
 Concen: 4.704 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX010067.D
 Acq: 05 Jun 2019 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBL01

Tgt Ion: 75 Resp: 13405
 Ion Ratio Lower Upper
 75 100
 110 8.4 16.9 50.6#
 77 0.0 24.8 37.2#

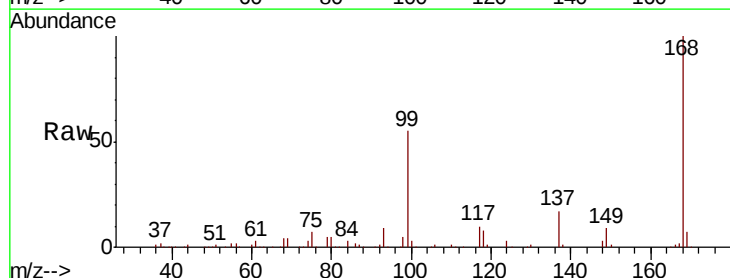


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

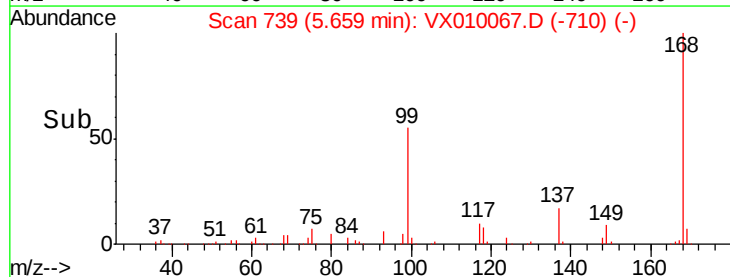
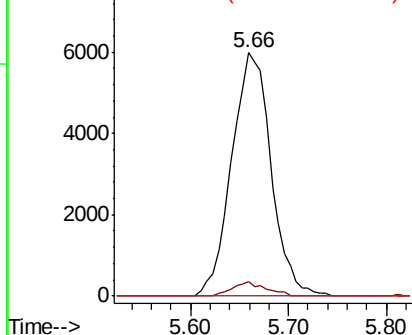


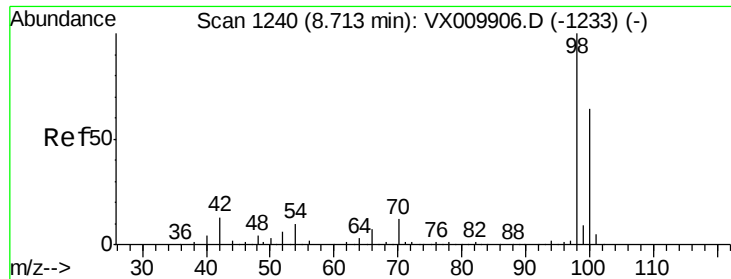
#38
 Carbon Tetrachloride
 Concen: 6.787 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX010067.D
 Acq: 05 Jun 2019 11:24

Tgt Ion: 117 Resp: 16714
 Ion Ratio Lower Upper
 117 100
 119 5.8 77.5 116.3#
 121 0.0 24.7 37.1#



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

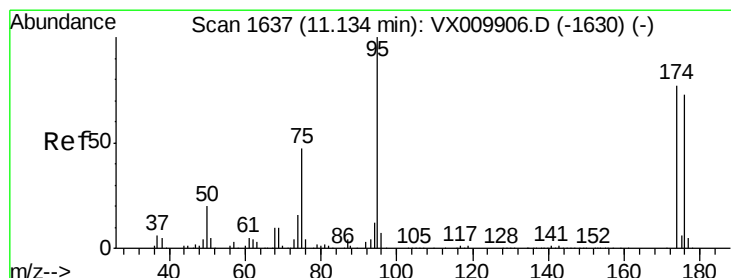
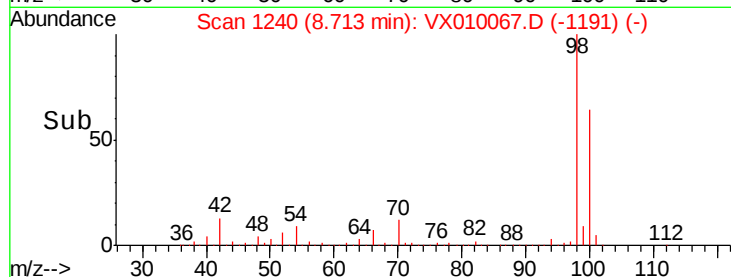
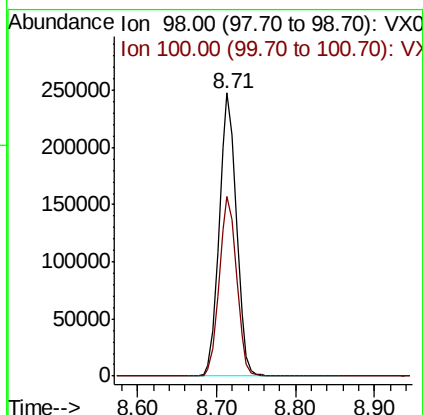
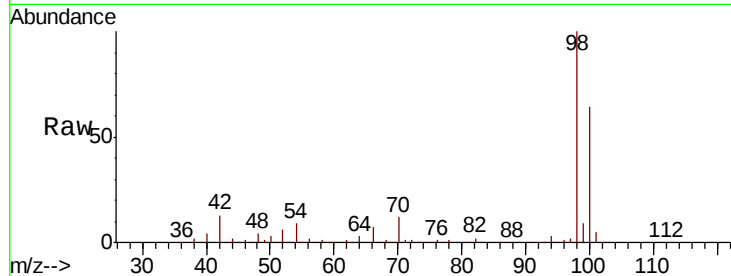




#50
Toluene-d8
Concen: 52.553 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010067.D
Acq: 05 Jun 2019 11:24

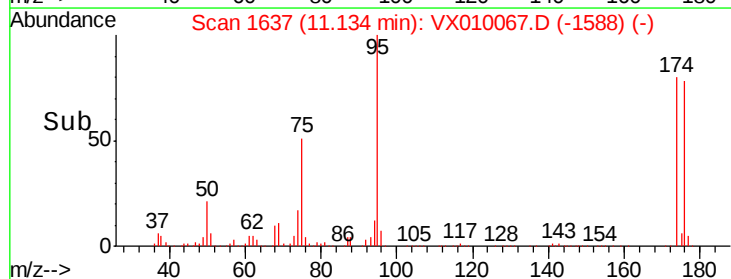
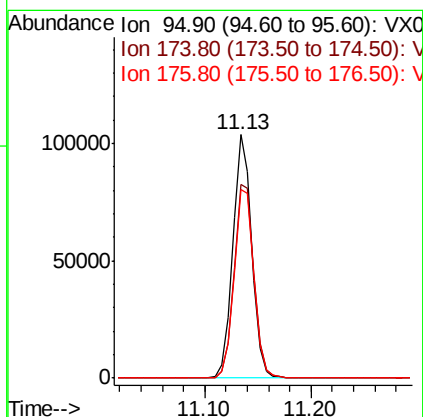
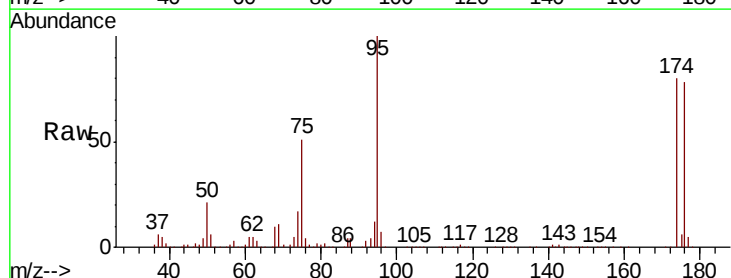
Instrument :
MSVOA_X
ClientSampled :
VX0605WBL01

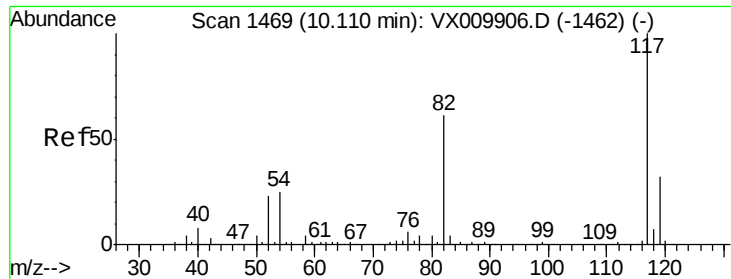
Tgt Ion: 98 Resp: 376860
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 49.962 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010067.D
Acq: 05 Jun 2019 11:24

Tgt Ion: 95 Resp: 128687
Ion Ratio Lower Upper
95 100
174 83.7 0.0 161.6
176 81.8 0.0 159.2

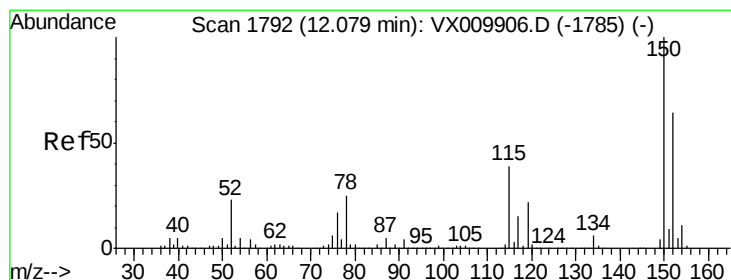
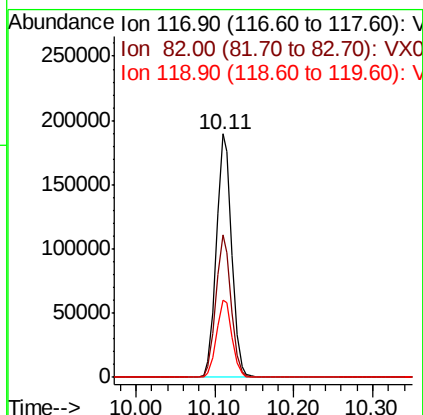
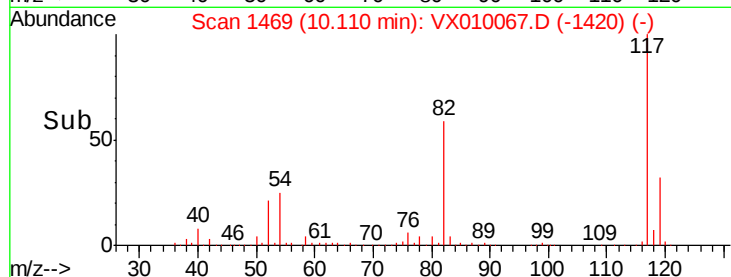
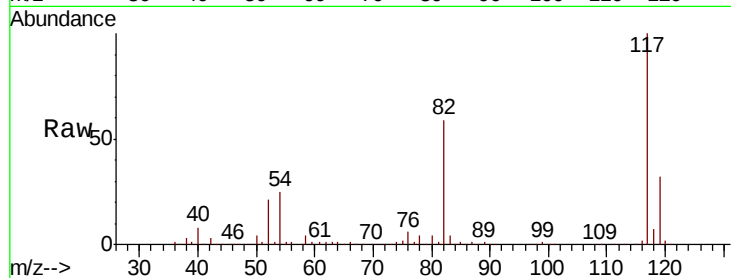




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010067.D
Acq: 05 Jun 2019 11:24

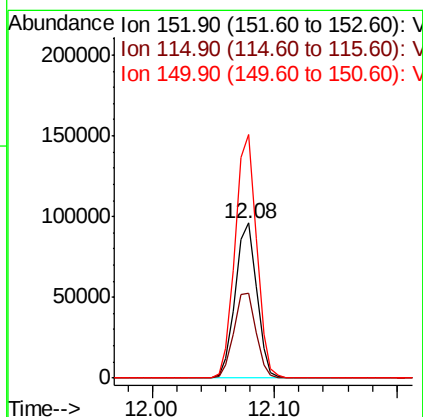
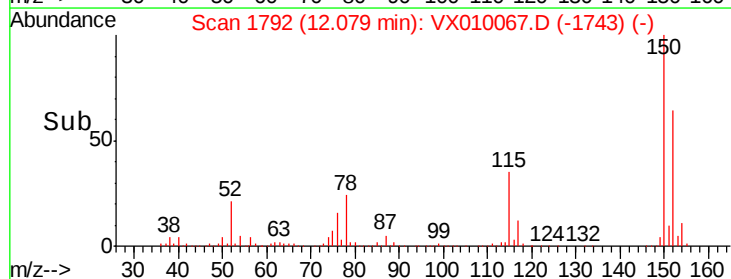
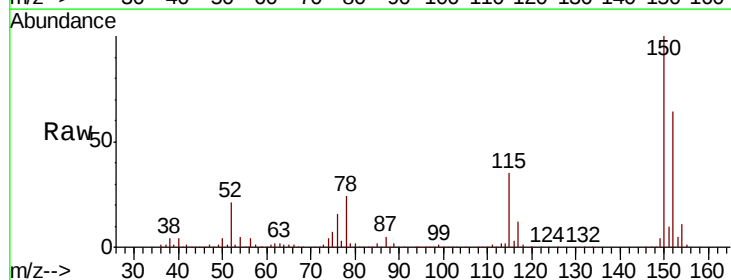
Instrument :
MSVOA_X
ClientSampled :
VX0605WBL01

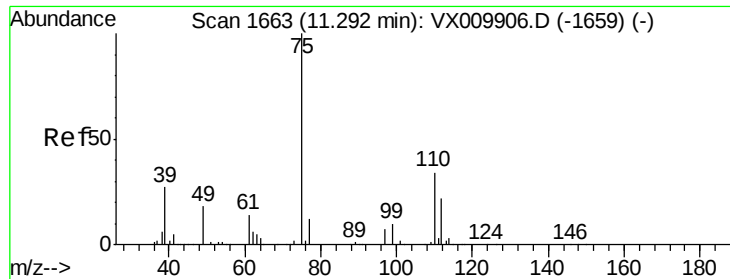
Tgt Ion:117 Resp: 256792
Ion Ratio Lower Upper
117 100
82 58.8 48.8 73.2
119 31.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010067.D
Acq: 05 Jun 2019 11:24

Tgt Ion:152 Resp: 116575
Ion Ratio Lower Upper
152 100
115 56.5 41.2 123.6
150 156.6 0.0 346.4

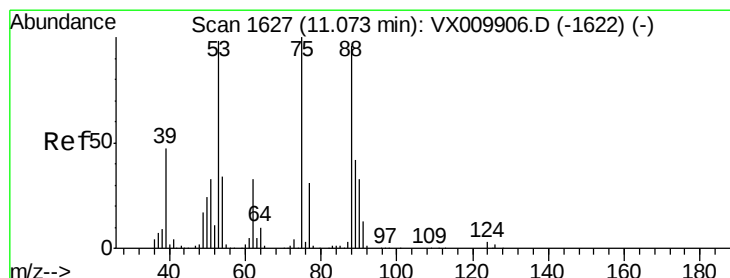
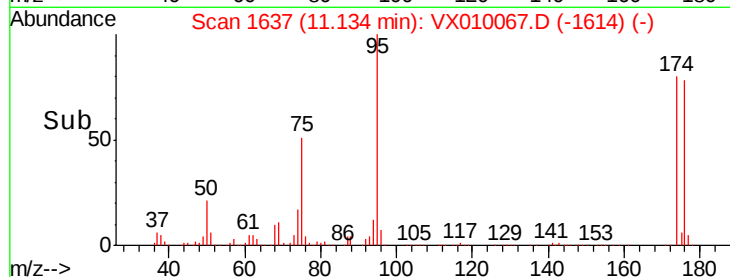
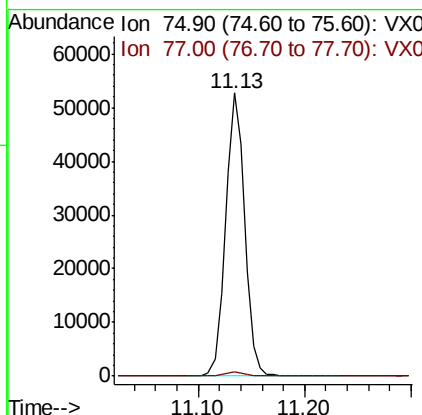
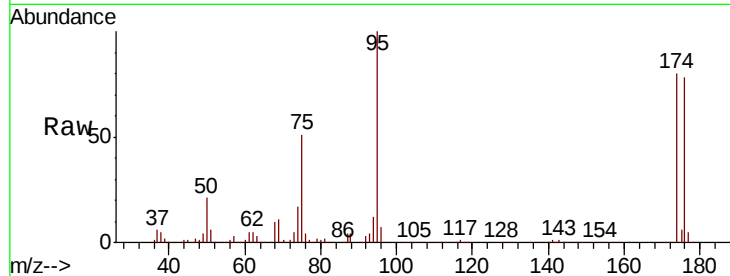




#76
 1,2,3-Trichloropropane
 Concen: 20.072 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010067.D
 Acq: 05 Jun 2019 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBL01

Tgt Ion: 75 Resp: 66240
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.1 66.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.790 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010067.D
 Acq: 05 Jun 2019 11:24

Tgt Ion: 75 Resp: 66240
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.0 118.6#
 89 0.0 34.7 52.1#

