

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010166.D
 Acq On : 10 Jun 2019 10:28
 Operator : JC/SP
 Sample : VX0610WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBL01

Quant Time: Jun 11 02:34:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	300125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	450741	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	396147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182572	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	139519	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	
35) Dibromofluoromethane	5.49	113	147313	52.99	ug/l	0.00
Spiked Amount			Recovery	=	105.98%	
50) Toluene-d8	8.71	98	547835	52.58	ug/l	0.00
Spiked Amount			Recovery	=	105.16%	
62) 4-Bromofluorobenzene	11.13	95	185994	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	

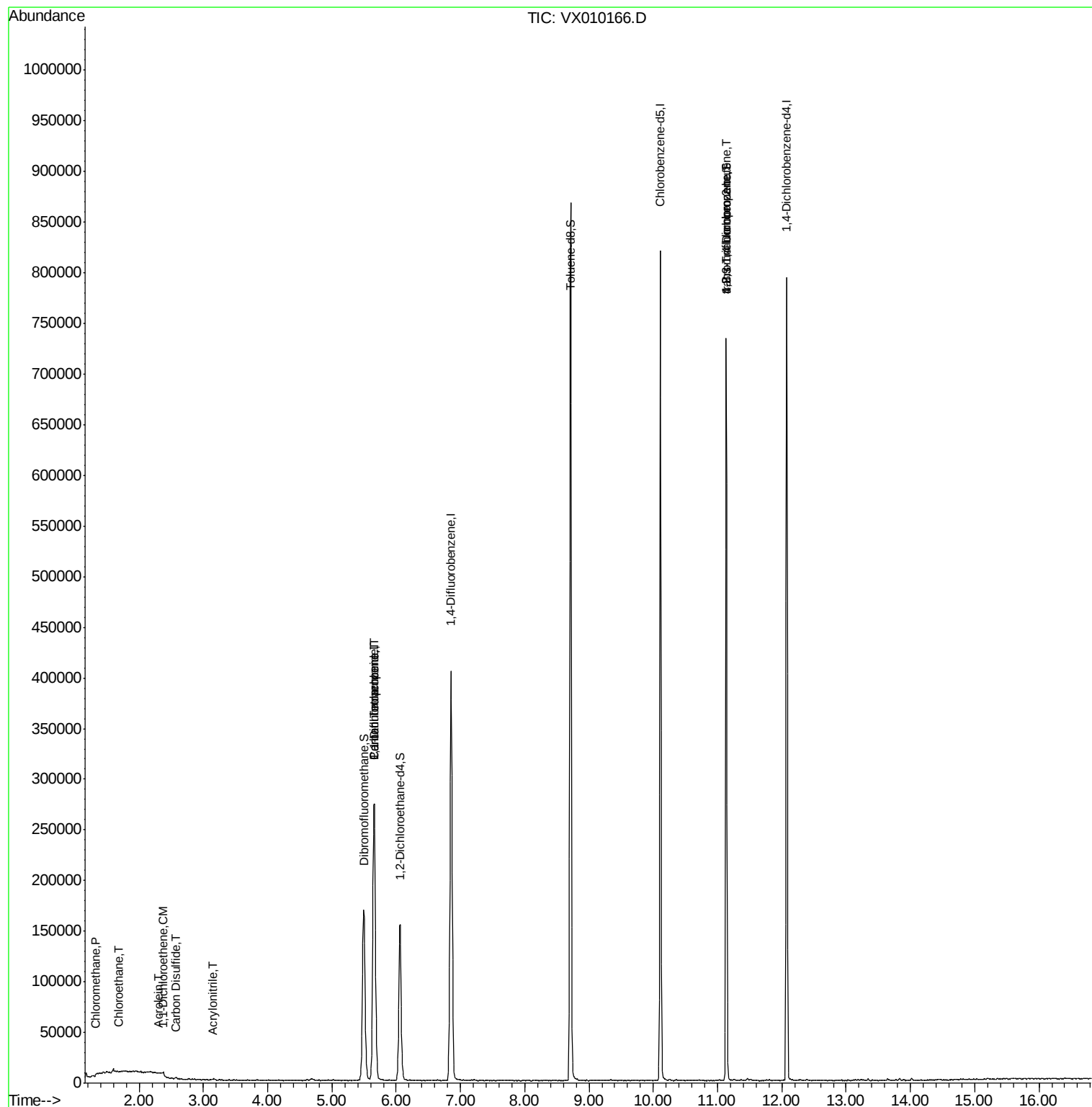
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	933	0.340	ug/l	99
6) Chloroethane	1.70	64	326	0.251	ug/l #	43
12) 1,1-Dichloroethene	2.37	96	571	0.212	ug/l #	19
13) Acrolein	2.29	56	656	5.013	ug/l #	21
15) Acrylonitrile	3.14	53	635	0.433	ug/l #	81
17) Carbon Disulfide	2.57	76	1707	0.219	ug/l #	94
36) 1,1-Dichloropropene	5.65	75	17790	4.838	ug/l #	52
38) Carbon Tetrachloride	5.65	117	25529	6.133	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	84332	23.093	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	84332	51.023	ug/l #	10

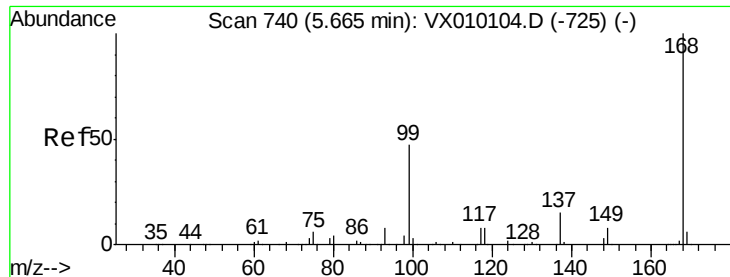
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061019\
Data File : VX010166.D
Acq On : 10 Jun 2019 10:28
Operator : JC/SP
Sample : VX0610WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

Quant Time: Jun 11 02:34:25 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010166.D

Acq: 10 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

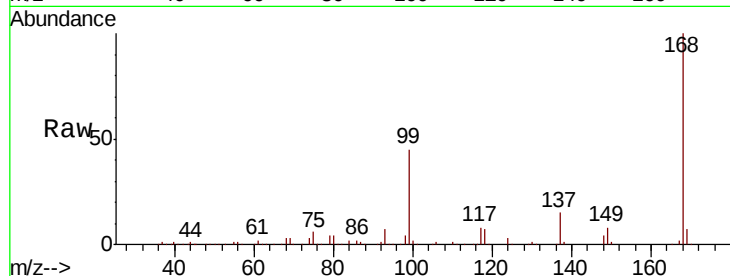
VX0610WBL01

Tot Ion:168 Resp: 300125

Ion Ratio Lower Upper

168 100

99 44.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

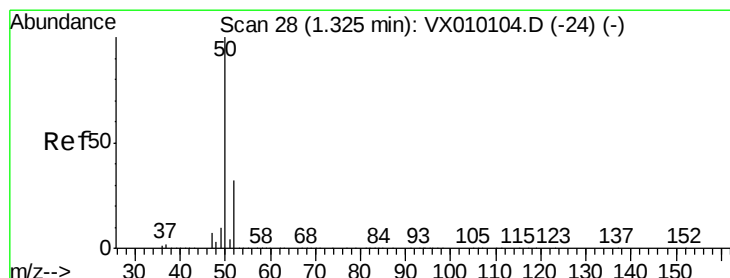
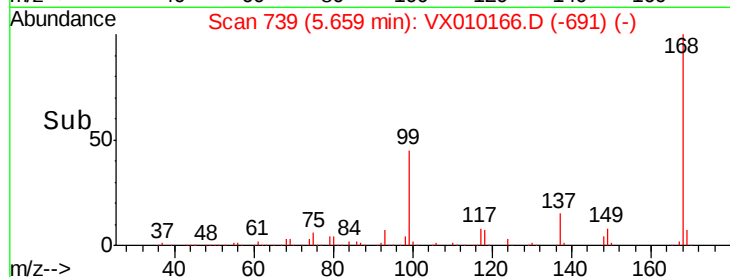
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.340 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010166.D

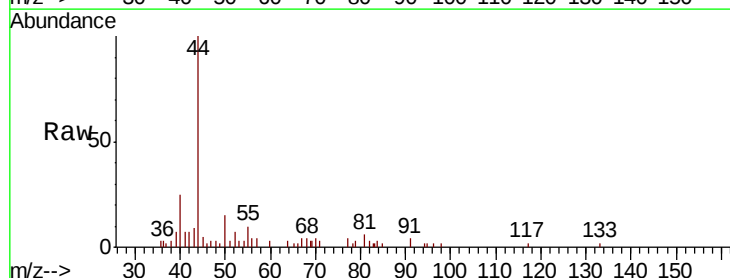
Acq: 10 Jun 2019 10:28

Tgt Ion: 50 Resp: 933

Ion Ratio Lower Upper

50 100

52 33.2 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

500

400

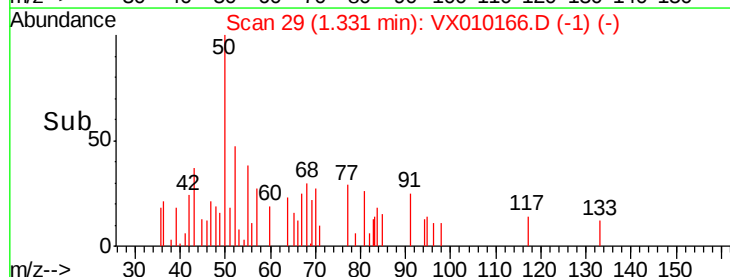
300

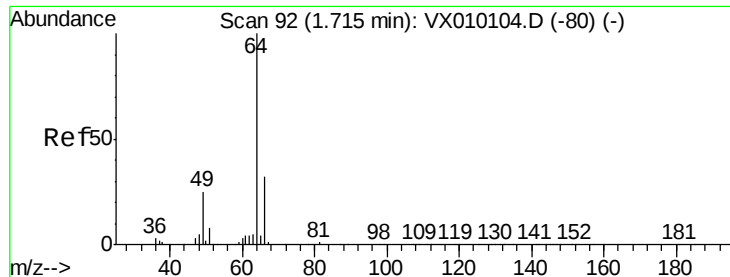
200

100

0

Time--> 1.25 1.30 1.35 1.40





#6

Chloroethane

Concen: 0.251 ug/l

RT: 1.70 min Scan# 89

Delta R.T. -0.02 min

Lab File: VX010166.D

Acq: 10 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

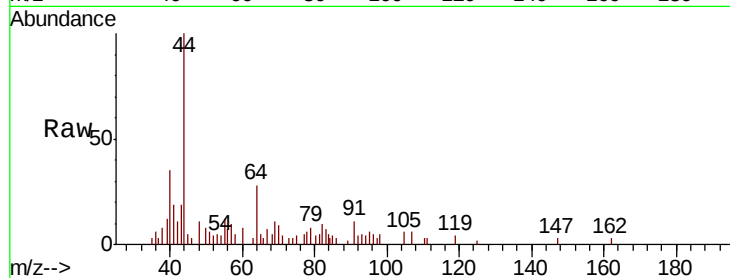
VX0610WBL01

Tot Ion: 64 Resp: 326

Ion Ratio Lower Upper

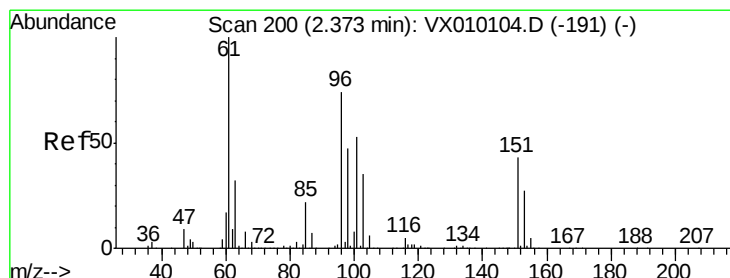
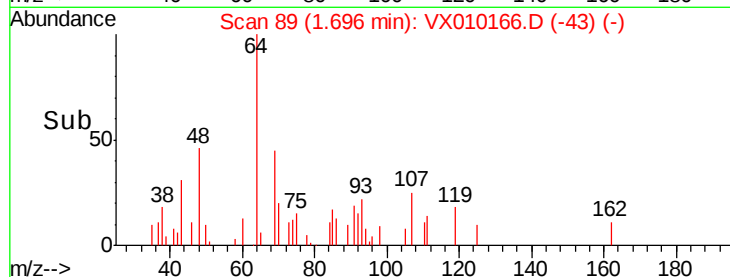
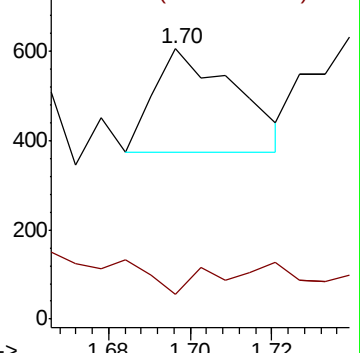
64 100

66 0.0 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#12

1,1-Dichloroethene

Concen: 0.212 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.01 min

Lab File: VX010166.D

Acq: 10 Jun 2019 10:28

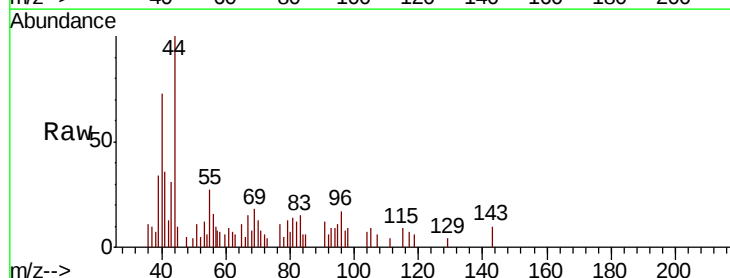
Tgt Ion: 96 Resp: 571

Ion Ratio Lower Upper

96 100

61 53.2 140.7 211.1#

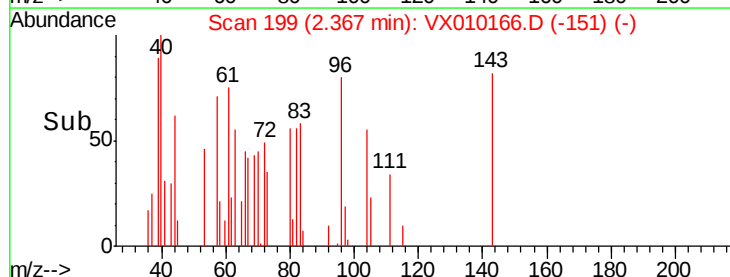
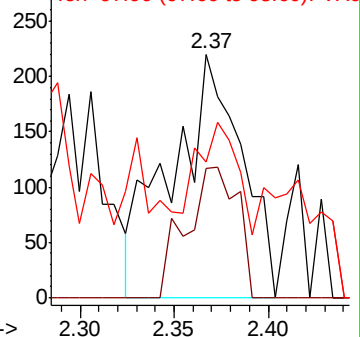
98 15.0 50.1 75.1#

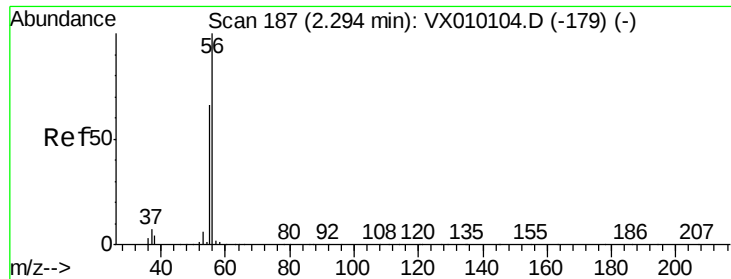


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 5.013 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010166.D

Acq: 10 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampled :

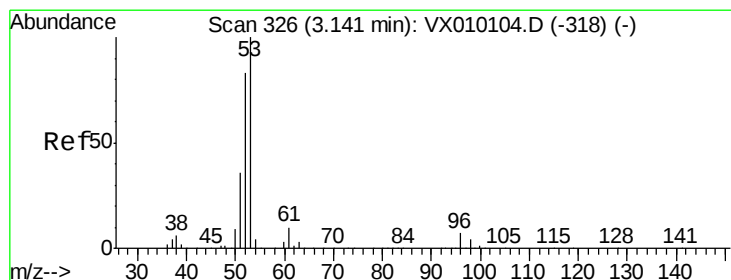
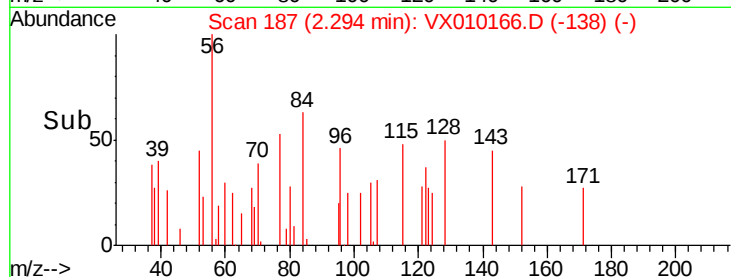
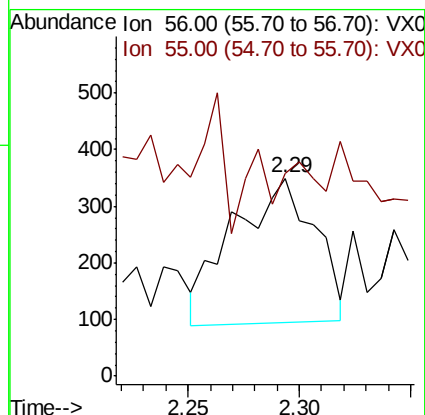
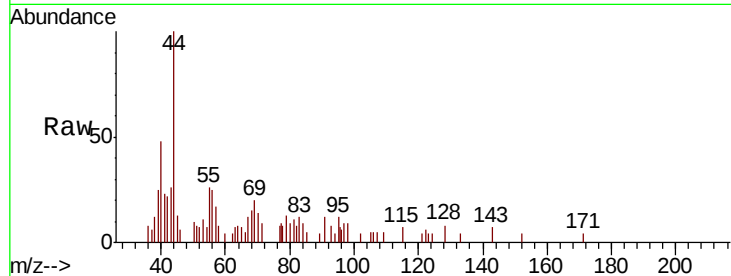
VX0610WBL01

Tot Ion: 56 Resp: 656

Ion Ratio Lower Upper

56 100

55 5.5 57.0 85.4#



#15

Acrylonitrile

Concen: 0.433 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010166.D

Acq: 10 Jun 2019 10:28

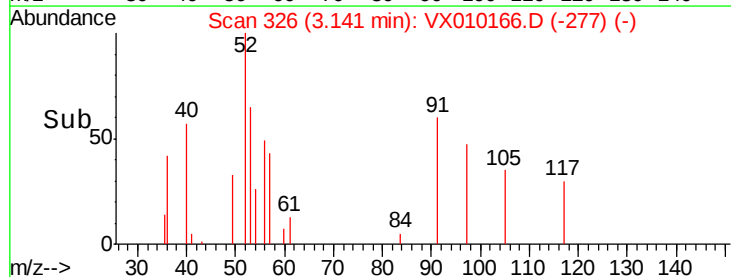
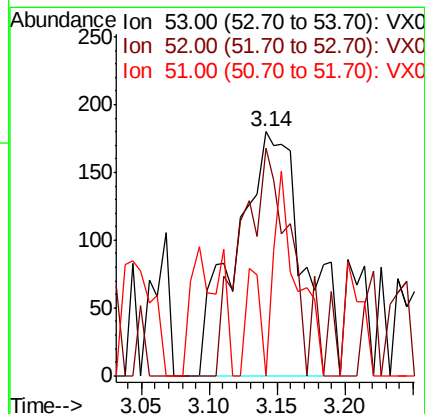
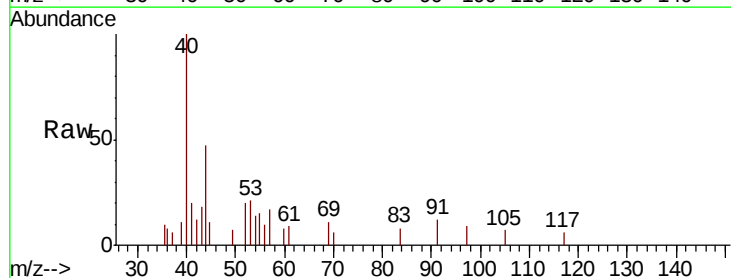
Tgt Ion: 53 Resp: 635

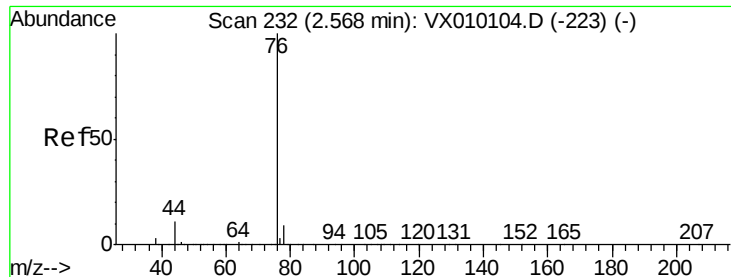
Ion Ratio Lower Upper

53 100

52 63.0 66.7 100.1#

51 29.0 28.8 43.2





#17

Carbon Disulfide

Concen: 0.219 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010166.D

Acq: 10 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

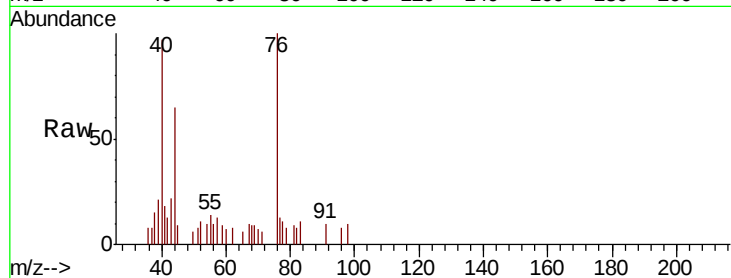
VX0610WBL01

Tot Ion: 76 Resp: 1707

Ion Ratio Lower Upper

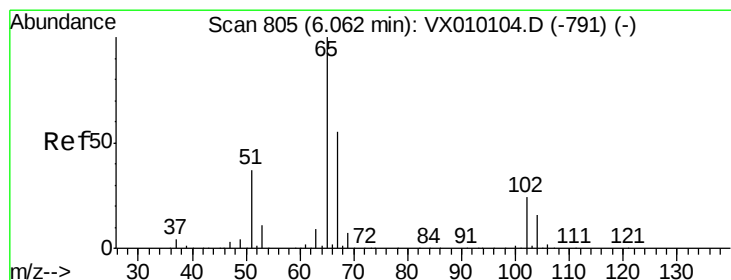
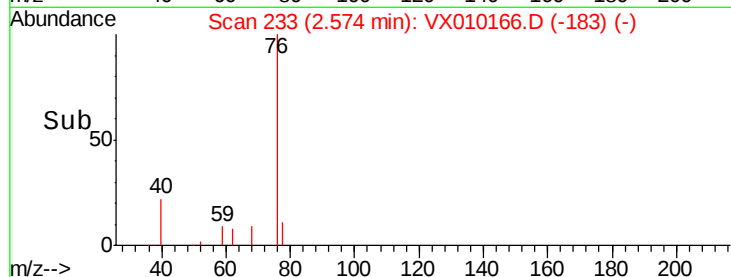
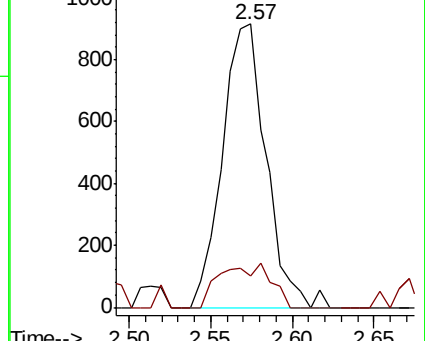
76 100

78 10.9 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.625 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010166.D

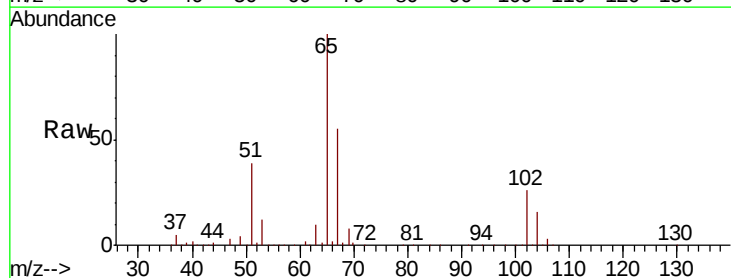
Acq: 10 Jun 2019 10:28

Tgt Ion: 65 Resp: 139519

Ion Ratio Lower Upper

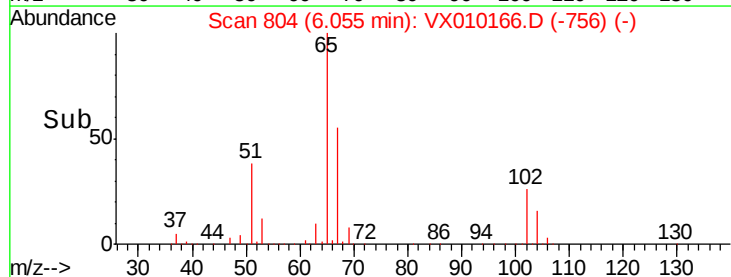
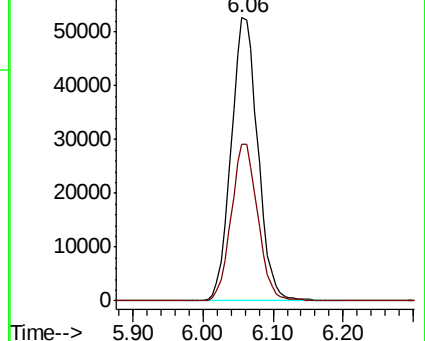
65 100

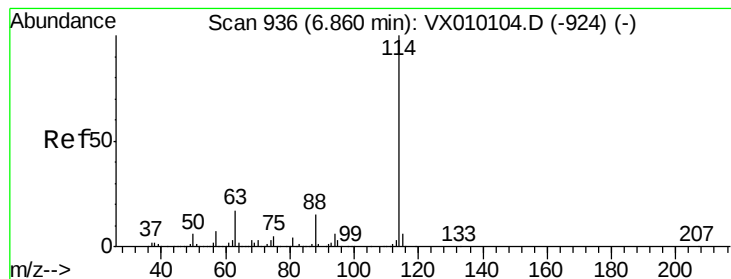
67 55.0 0.0 108.4



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: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010166.D

Acq: 10 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBL01

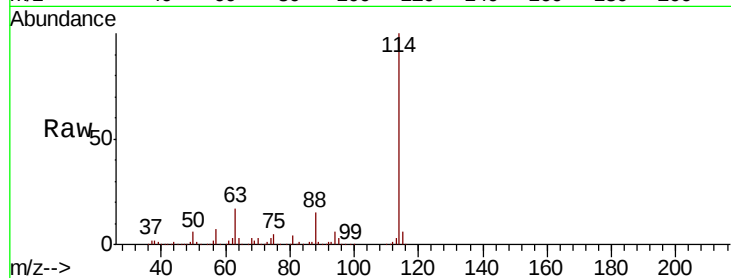
Tot Ion:114 Resp: 450741

Ion Ratio Lower Upper

114 100

63 16.9 0.0 47.4

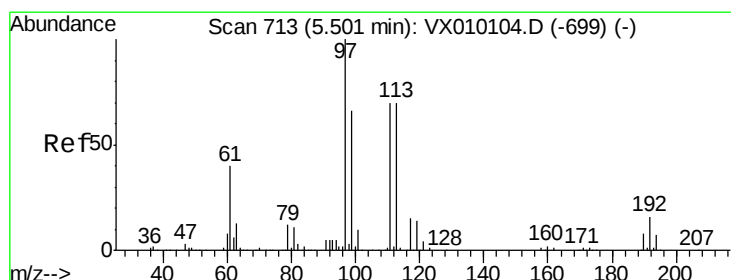
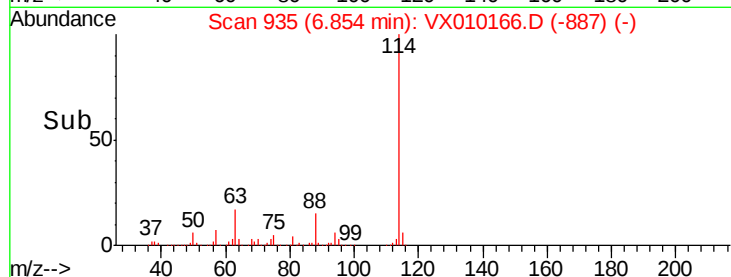
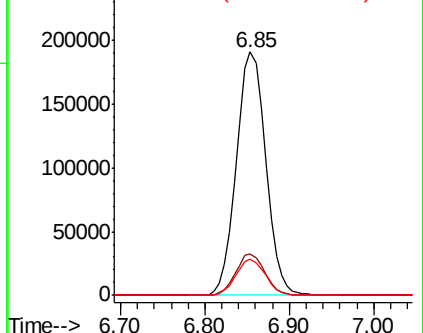
88 14.9 0.0 33.0



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: 52.985 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010166.D

Acq: 10 Jun 2019 10:28

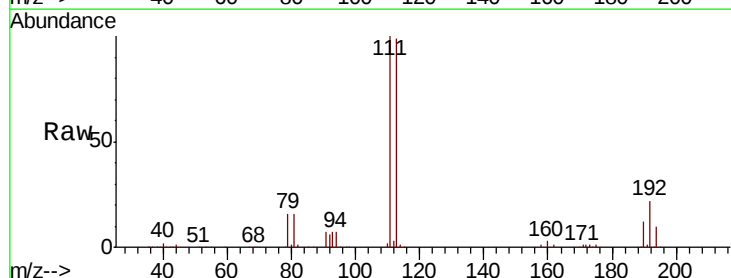
Tgt Ion:113 Resp: 147313

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.2

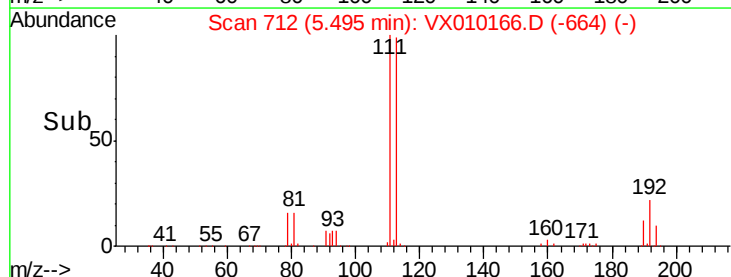
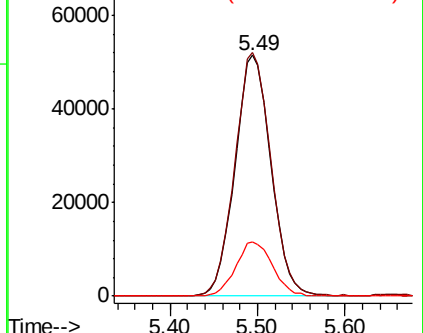
192 23.1 17.1 25.7

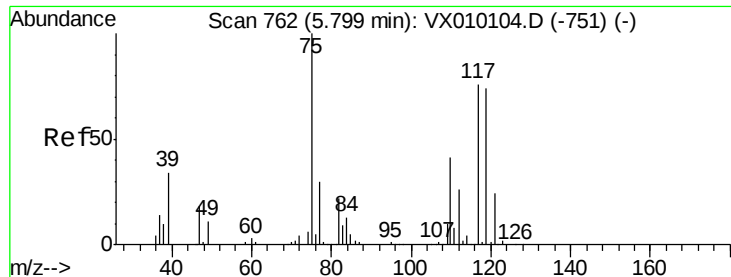


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

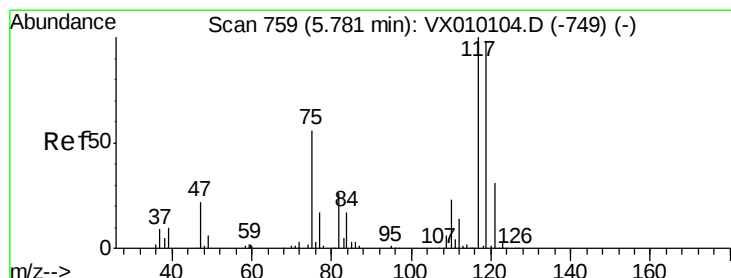
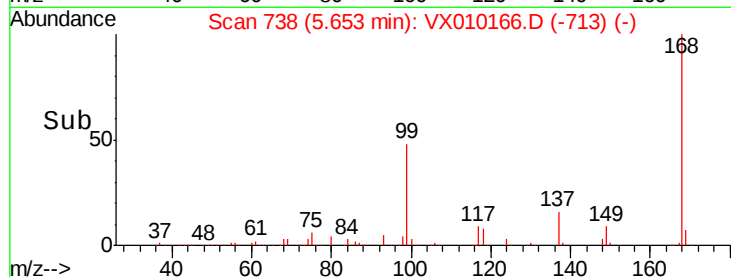
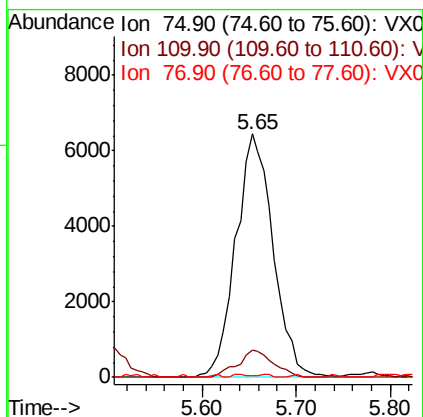
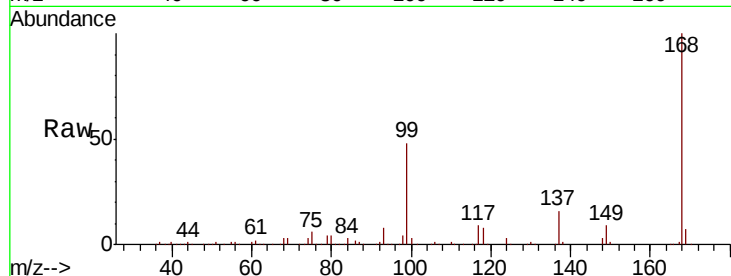




#36
 1,1-Dichloropropene
 Concen: 4.838 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.15 min
 Lab File: VX010166.D
 Acq: 10 Jun 2019 10:28

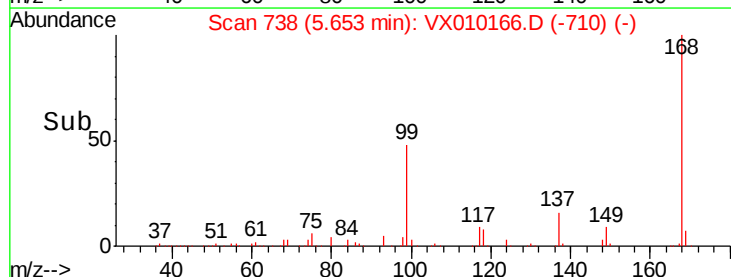
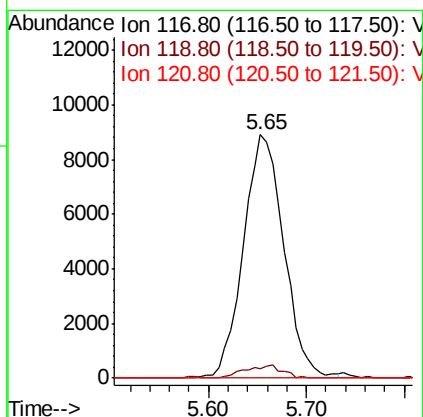
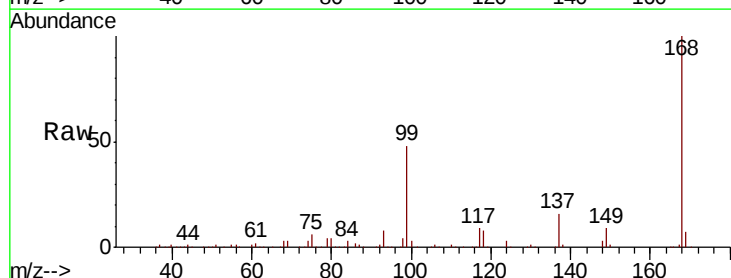
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBL01

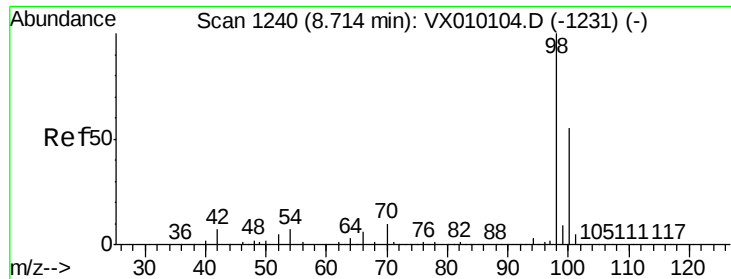
Tot Ion: 75 Resp: 17790
 Ion Ratio Lower Upper
 75 100
 110 10.6 16.7 50.1#
 77 0.6 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.133 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.13 min
 Lab File: VX010166.D
 Acq: 10 Jun 2019 10:28

Tgt Ion: 117 Resp: 25529
 Ion Ratio Lower Upper
 117 100
 119 4.1 77.3 115.9#
 121 0.0 25.4 38.0#





#50

Toluene-d8

Concen: 52.575 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010166.D

Acq: 10 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

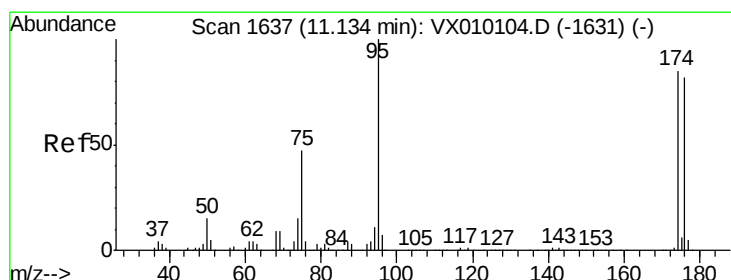
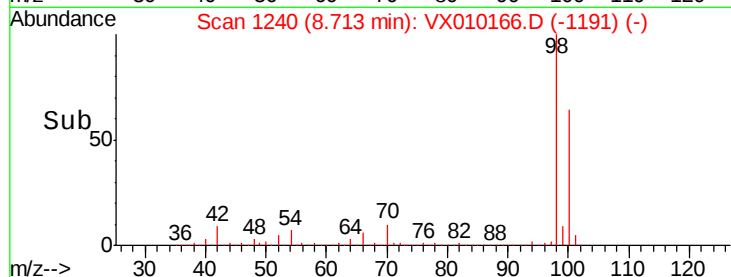
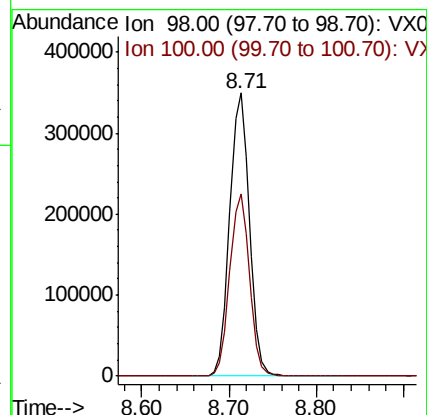
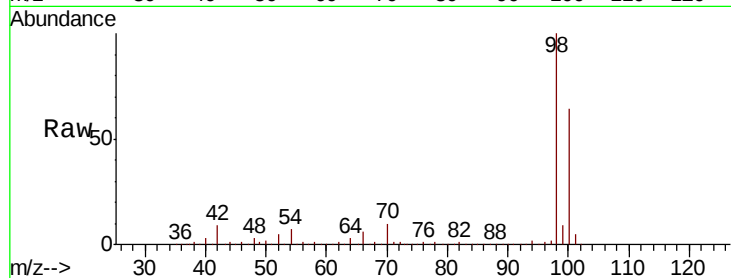
VX0610WBL01

Tot Ion: 98 Resp: 547835

Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 47.795 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010166.D

Acq: 10 Jun 2019 10:28

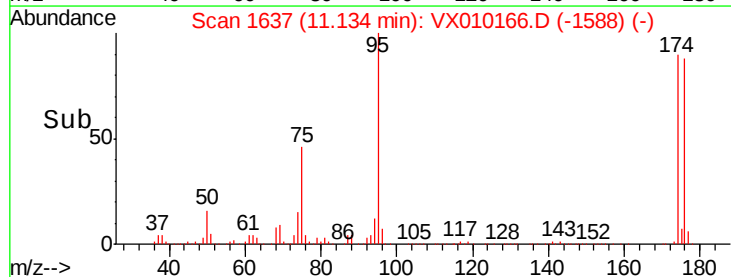
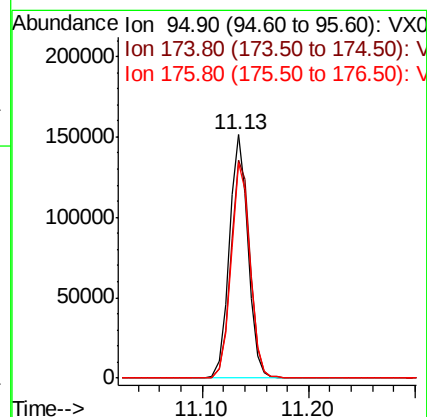
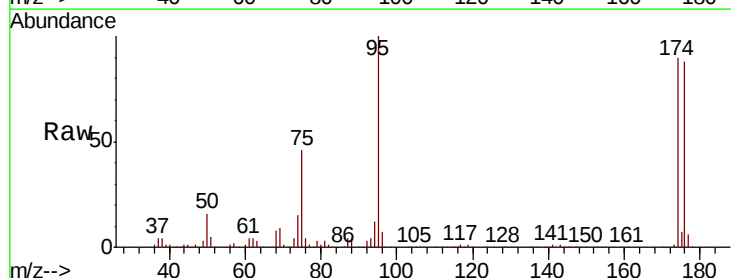
Tgt Ion: 95 Resp: 185994

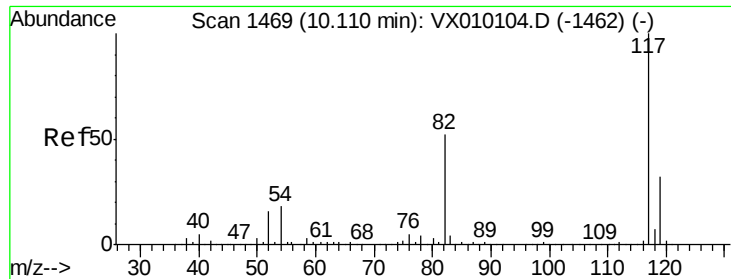
Ion Ratio Lower Upper

95 100

174 92.8 0.0 160.4

176 89.3 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: VX010166.D

Acq: 10 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBL01

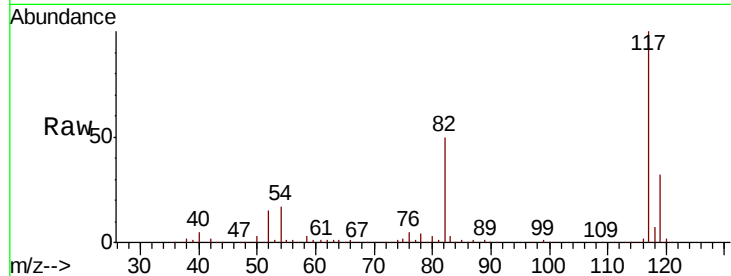
Tot Ion:117 Resp: 396147

Ion Ratio Lower Upper

117 100

82 49.5 49.2 73.8

119 32.3 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

400000

300000

200000

100000

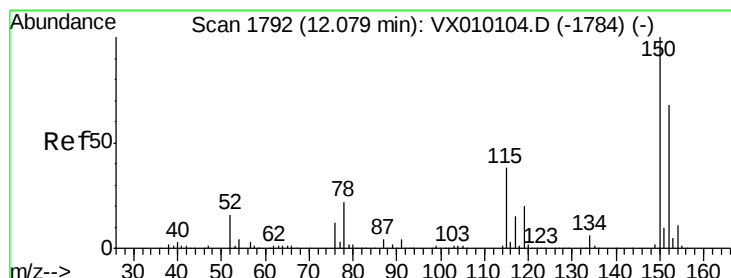
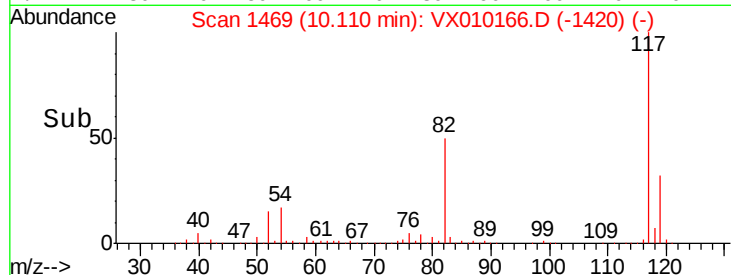
0

10.11

10.10

10.20

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: VX010166.D

Acq: 10 Jun 2019 10:28

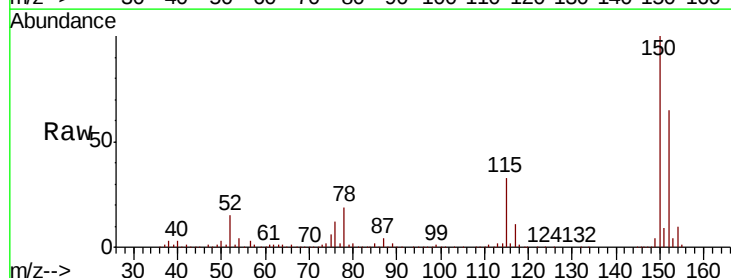
Tgt Ion:152 Resp: 182572

Ion Ratio Lower Upper

152 100

115 53.8 41.4 124.2

150 154.3 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

300000

250000

200000

150000

100000

50000

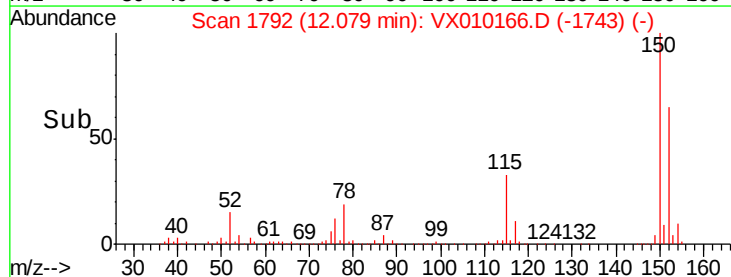
0

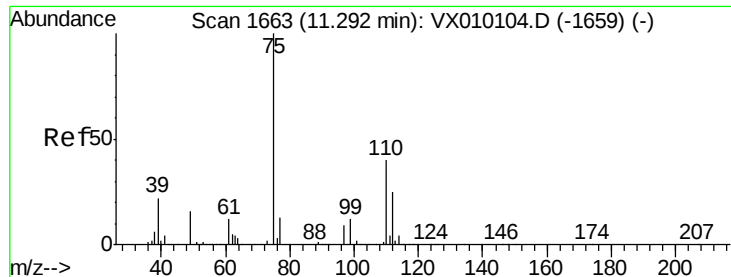
12.08

12.10

12.20

Time-->





#76

1,2,3-Trichloropropane

Concen: 23.093 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010166.D

Acq: 10 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

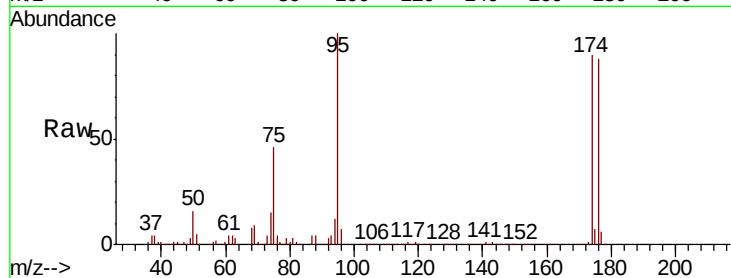
VX0610WBL01

Tot Ion: 75 Resp: 84332

Ion Ratio Lower Upper

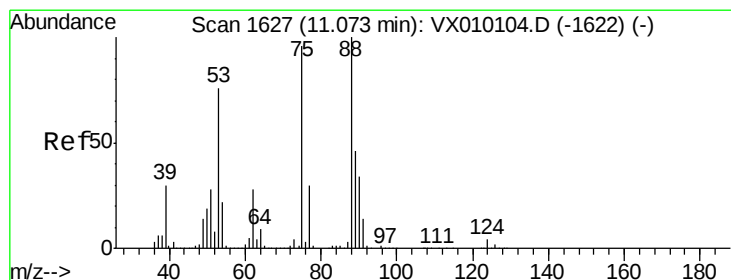
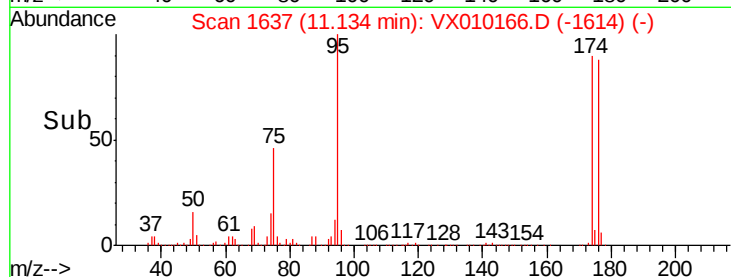
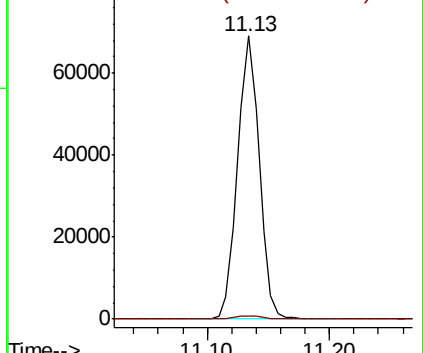
75 100

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: 51.023 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010166.D

Acq: 10 Jun 2019 10:28

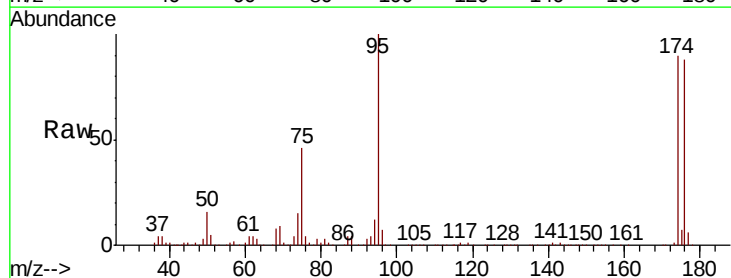
Tgt Ion: 75 Resp: 84332

Ion Ratio Lower Upper

75 100

53 0.2 79.8 119.6#

89 0.1 34.2 51.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

