

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010195.D
 Acq On : 10 Jun 2019 23:10
 Operator : JC/SP
 Sample : VX0610WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBL02

Quant Time: Jun 11 02:42:02 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	5.67	168	261106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	393775	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	353637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165202	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	116677	45.78	ug/l	0.00
Spiked Amount			Recovery	=	91.56%	
35) Dibromofluoromethane	5.50	113	121305	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
50) Toluene-d8	8.71	98	461835	50.73	ug/l	0.00
Spiked Amount			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	11.13	95	157357	46.29	ug/l	0.00
Spiked Amount			Recovery	=	92.58%	

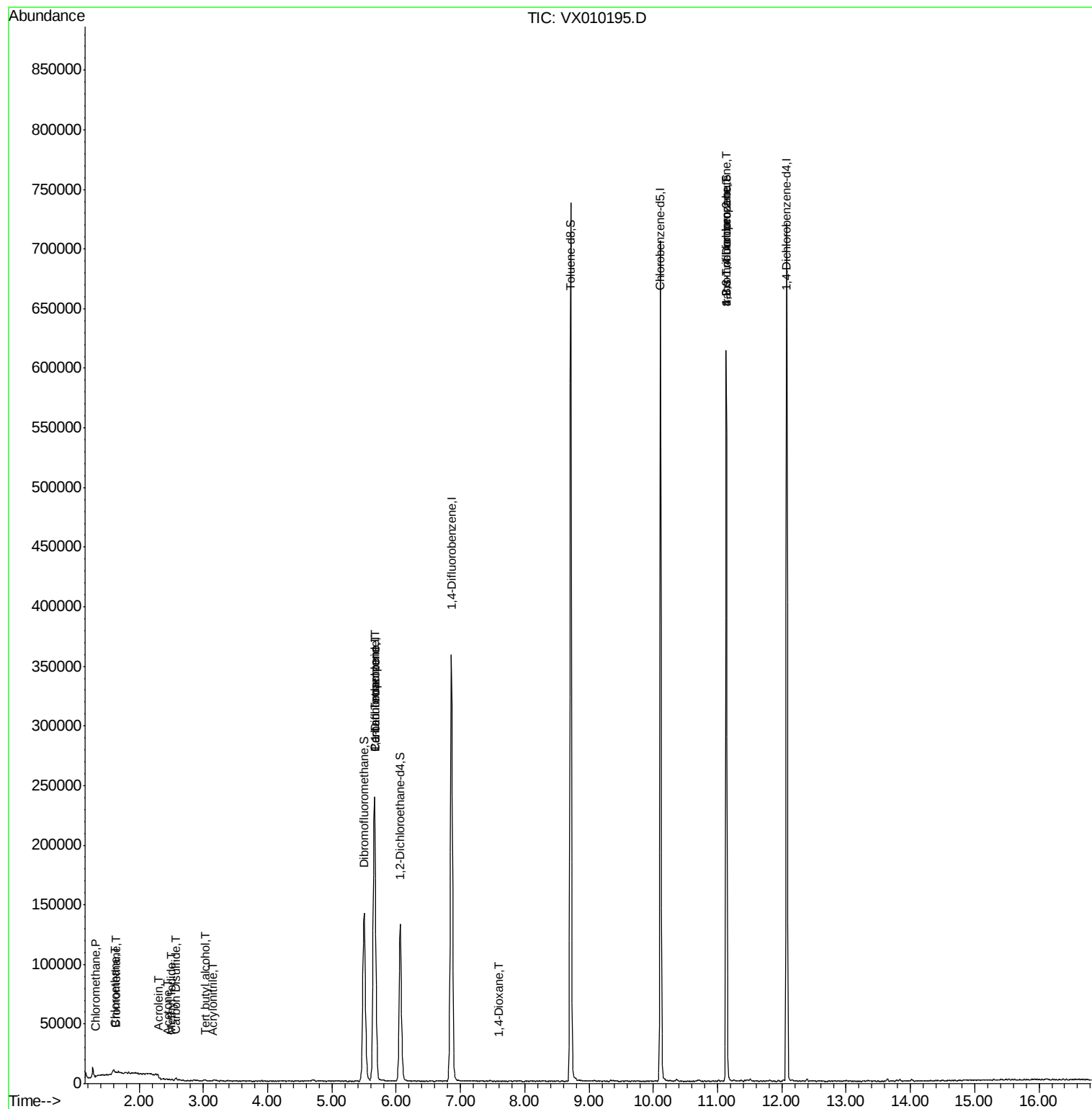
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	541	0.227	ug/l #	50
5) Bromomethane	1.65	94	667	0.788	ug/l	97
6) Chloroethane	1.63	64	839	0.742	ug/l #	43
10) Methyl Iodide	2.51	142	770	0.216	ug/l #	91
11) Tert butyl alcohol	3.03	59	604	0.967	ug/l	98
13) Acrolein	2.30	56	113	0.993	ug/l #	60
15) Acrylonitrile	3.15	53	358	0.281	ug/l #	83
16) Acetone	2.43	43	458	0.382	ug/l #	85
17) Carbon Disulfide	2.57	76	1938	0.286	ug/l	97
36) 1,1-Dichloropropene	5.66	75	15167	4.721	ug/l #	52
38) Carbon Tetrachloride	5.67	117	22253	6.120	ug/l #	16
49) 1,4-Dioxane	7.59	88	20	0.268	ug/l #	18
76) 1,2,3-Trichloropropane	11.13	75	71515	21.643	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	71515	47.818	ug/l #	10

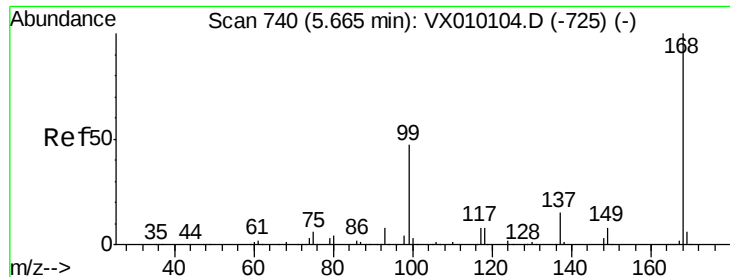
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061019\
Data File : VX010195.D
Acq On : 10 Jun 2019 23:10
Operator : JC/SP
Sample : VX0610WBL02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL02

Quant Time: Jun 11 01:00:28 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: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010195.D

Acq: 10 Jun 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

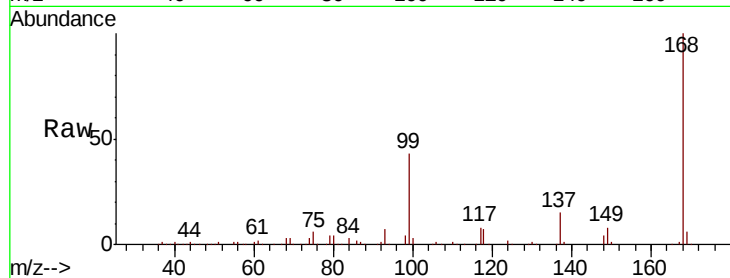
VX0610WBL02

Tot Ion:168 Resp: 261106

Ion Ratio Lower Upper

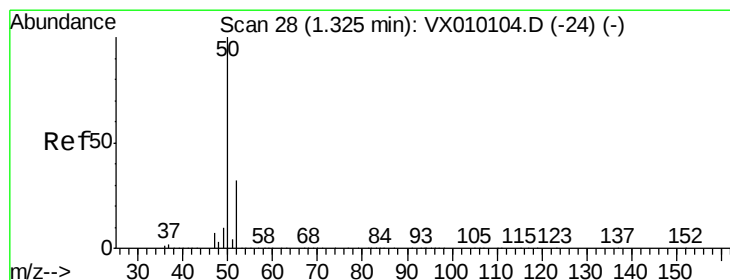
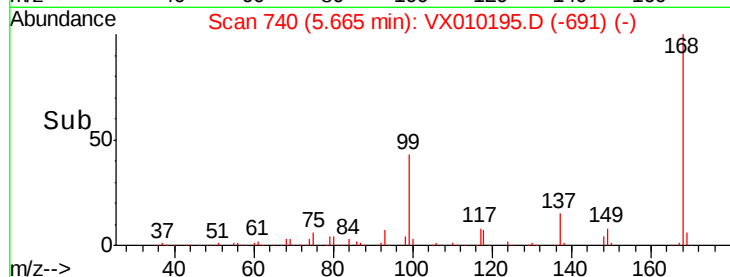
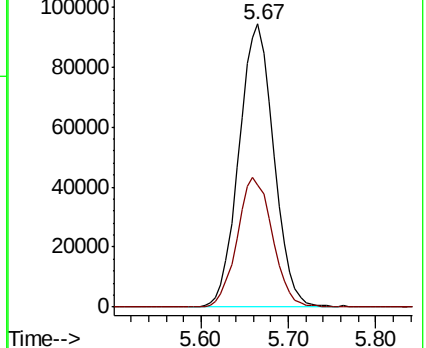
168 100

99 43.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.227 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010195.D

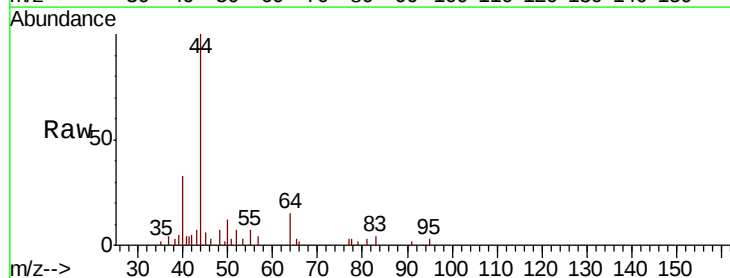
Acq: 10 Jun 2019 23:10

Tgt Ion: 50 Resp: 541

Ion Ratio Lower Upper

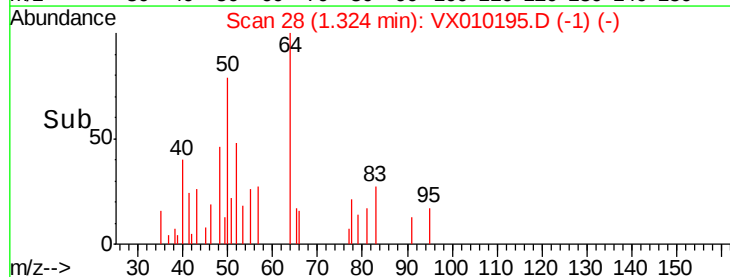
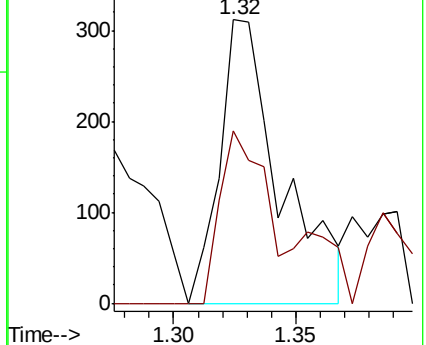
50 100

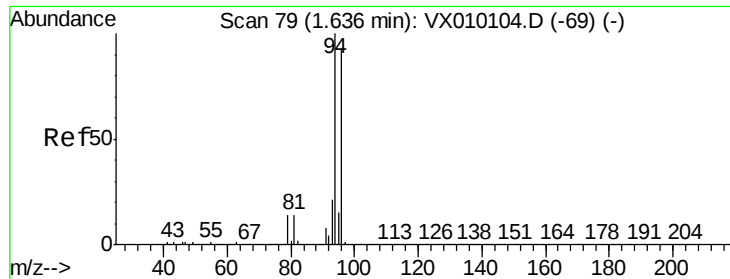
52 60.6 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.788 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010195.D

Acq: 10 Jun 2019 23:10

Instrument :

MSVOA_X

ClientSampled :

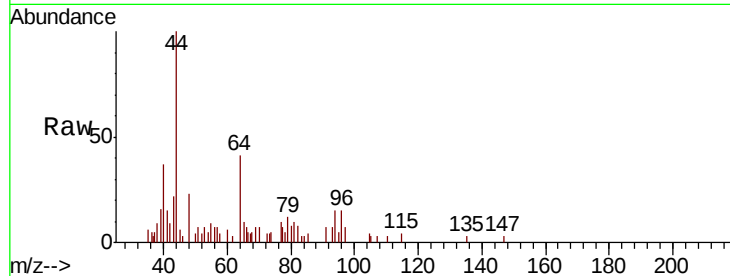
VX0610WBL02

Tot Ion: 94 Resp: 667

Ion Ratio Lower Upper

94 100

96 97.7 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

250

200

150

100

50

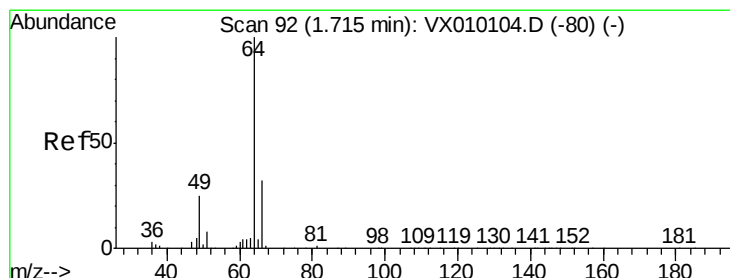
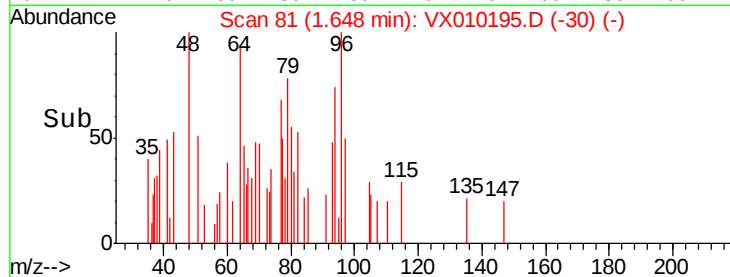
0

1.60

1.65

1.70

Time-->



#6

Chloroethane

Concen: 0.742 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.08 min

Lab File: VX010195.D

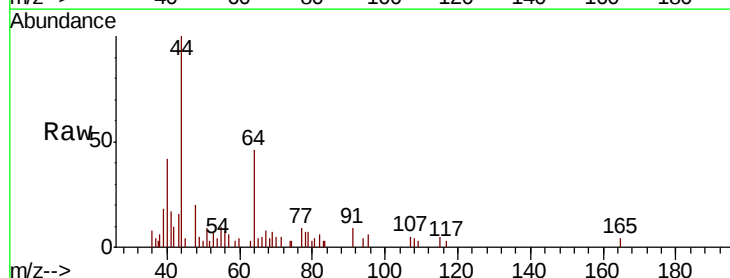
Acq: 10 Jun 2019 23:10

Tgt Ion: 64 Resp: 839

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

1000

800

600

400

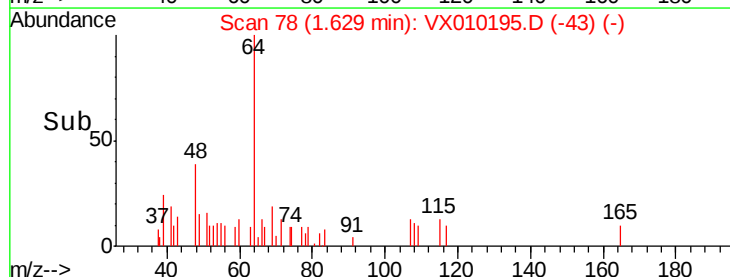
200

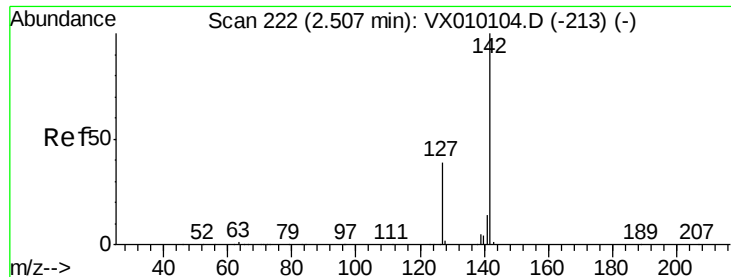
0

1.60

1.65

Time-->

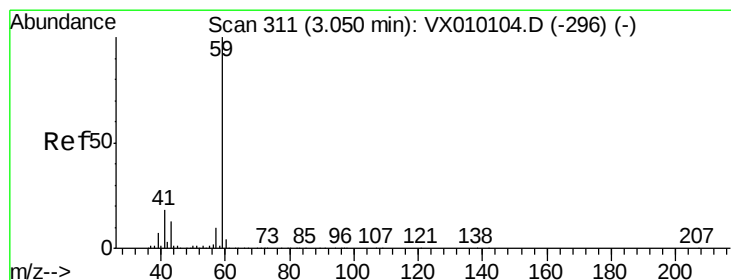
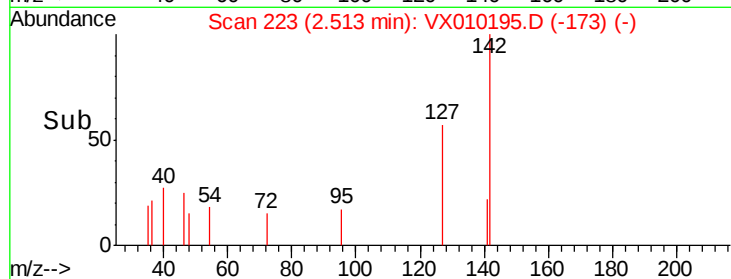
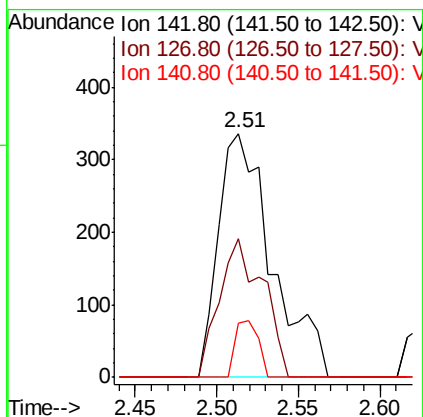
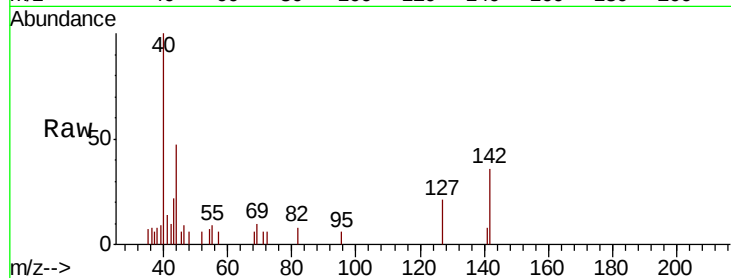




#10
Methvl Iodide
Concen: 0.216 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX010195.D
Acq: 10 Jun 2019 23:10

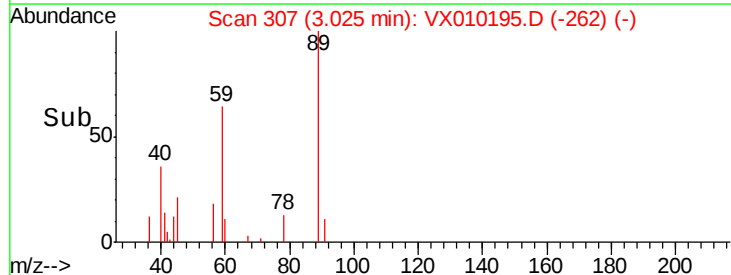
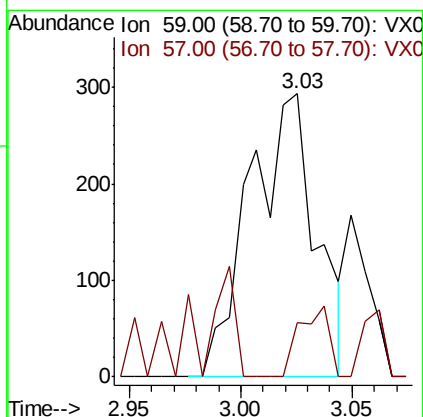
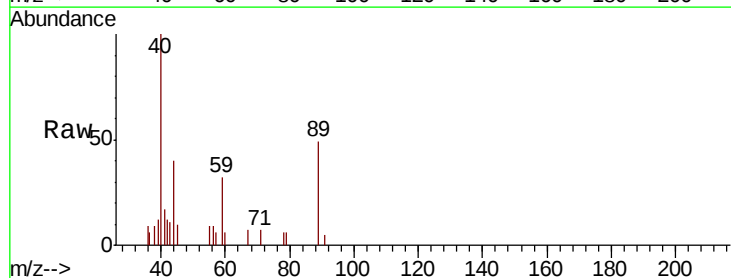
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL02

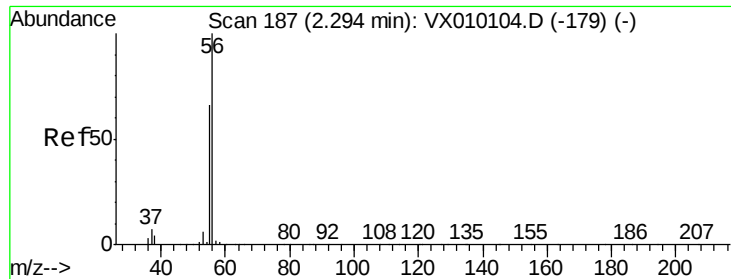
Tot Ion:142 Resp: 770
Ion Ratio Lower Upper
142 100
127 46.4 33.0 49.4
141 9.7 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.967 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.02 min
Lab File: VX010195.D
Acq: 10 Jun 2019 23:10

Tgt Ion: 59 Resp: 604
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.2

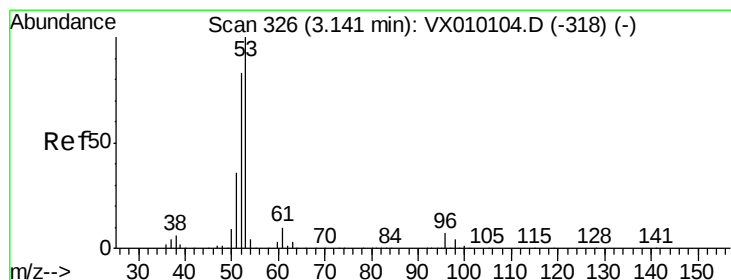
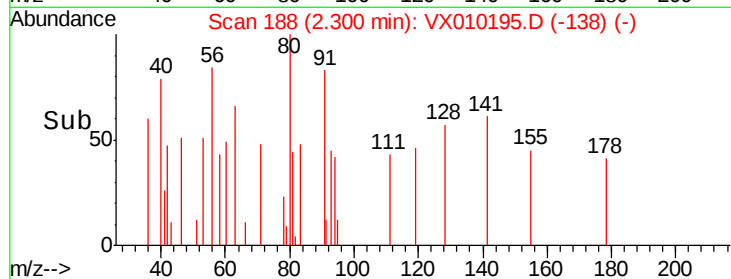
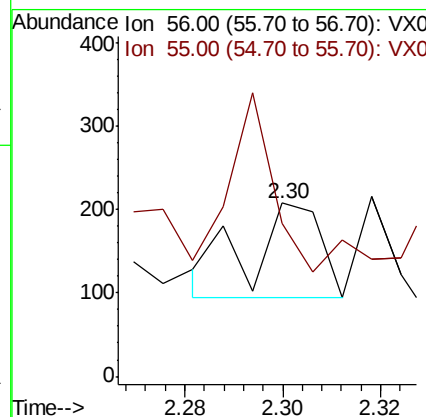
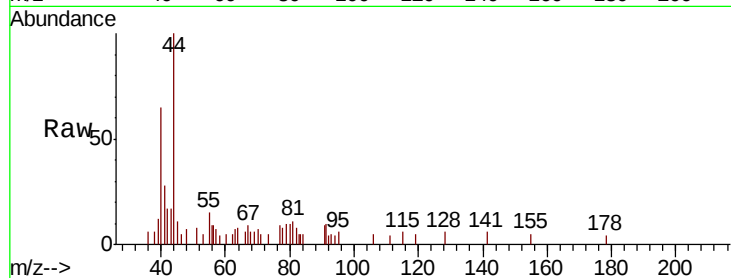




#13
Acrolein
Concen: 0.993 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX010195.D
Acq: 10 Jun 2019 23:10

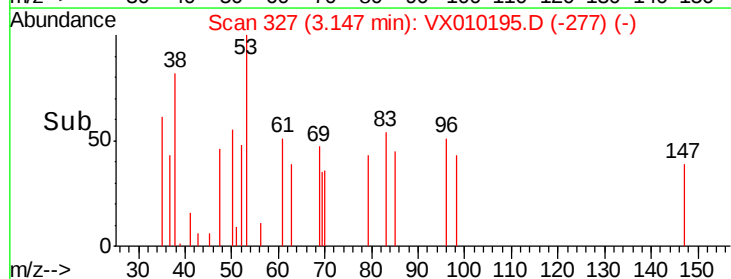
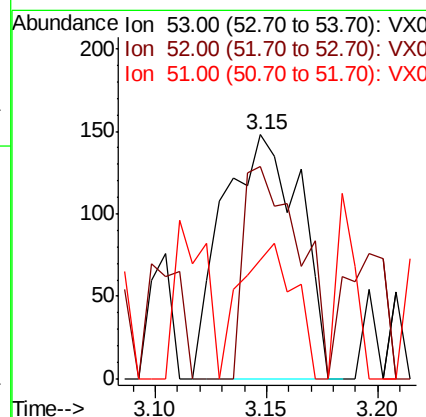
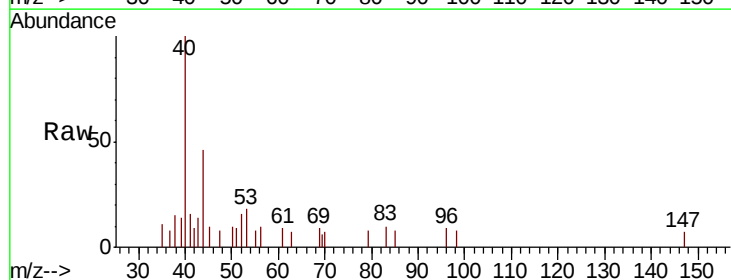
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL02

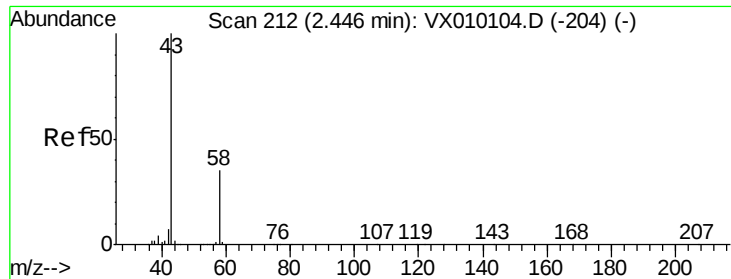
Tot Ion: 56 Resp: 113
Ion Ratio Lower Upper
56 100
55 104.4 57.0 85.4#



#15
Acrylonitrile
Concen: 0.281 ug/l
RT: 3.15 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX010195.D
Acq: 10 Jun 2019 23:10

Tgt Ion: 53 Resp: 358
Ion Ratio Lower Upper
53 100
52 63.1 66.7 100.1#
51 38.8 28.8 43.2





#16

Acetone

Concen: 0.382 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.01 min

Lab File: VX010195.D

Acq: 10 Jun 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

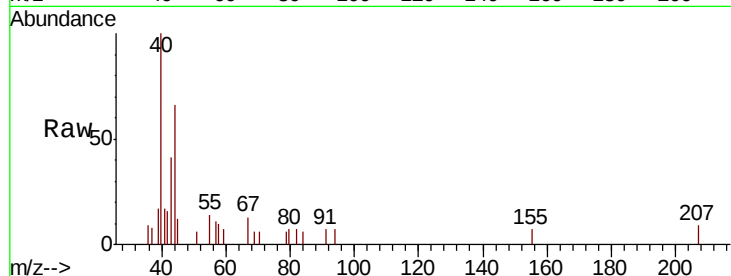
VX0610WBL02

Tot Ion: 43 Resp: 458

Ion Ratio Lower Upper

43 100

58 36.9 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

300

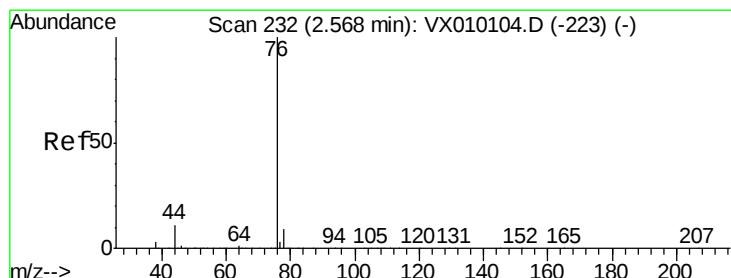
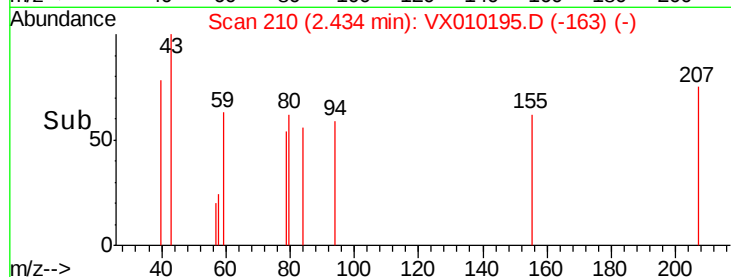
200

100

0

2.40 2.45 2.50

Time-->



#17

Carbon Disulfide

Concen: 0.286 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010195.D

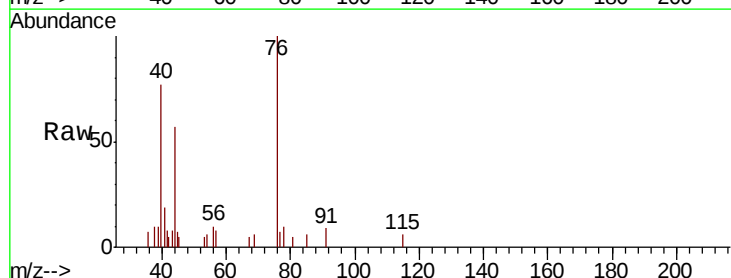
Acq: 10 Jun 2019 23:10

Tgt Ion: 76 Resp: 1938

Ion Ratio Lower Upper

76 100

78 9.8 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

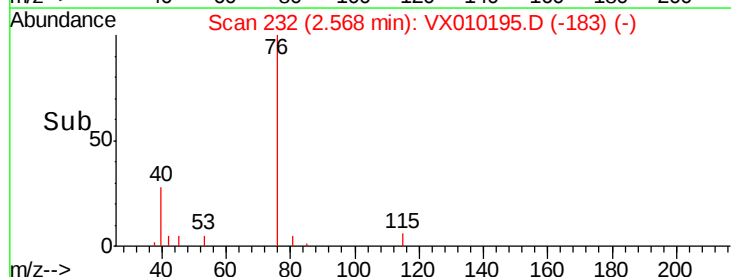
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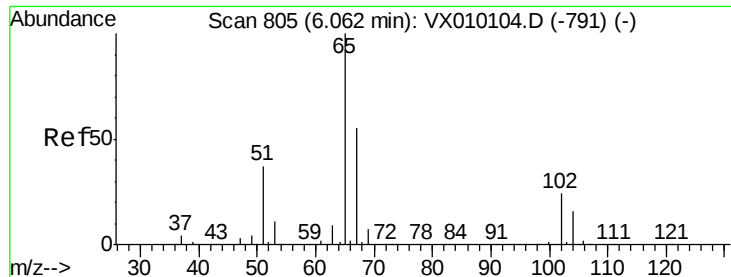
500

0

2.50 2.55 2.60

Time-->





#33

1,2-Dichloroethane-d4

Concen: 45.779 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010195.D

Acq: 10 Jun 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

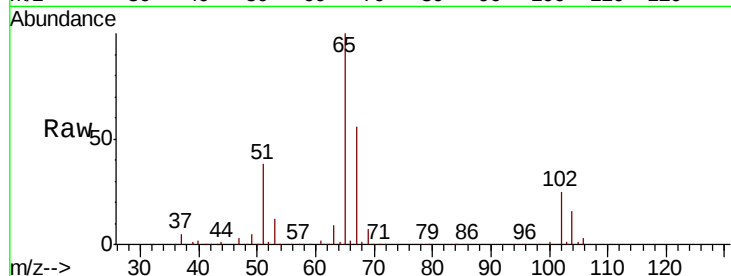
VX0610WBL02

Tot Ion: 65 Resp: 116677

Ion Ratio Lower Upper

65 100

67 55.3 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

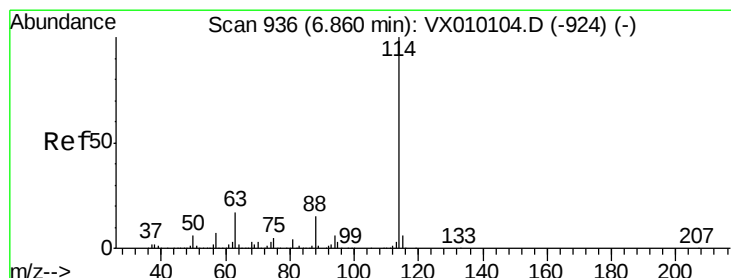
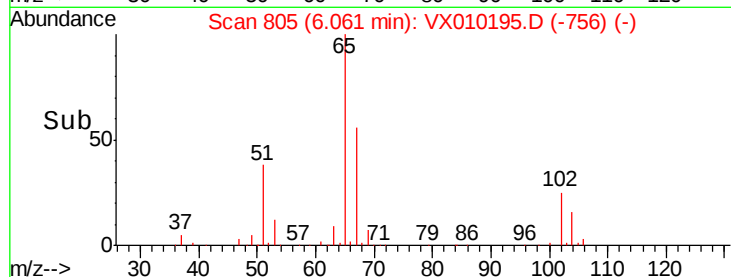
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010195.D

Acq: 10 Jun 2019 23:10

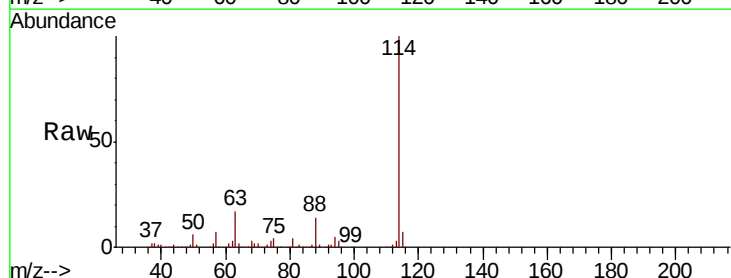
Tgt Ion: 114 Resp: 393775

Ion Ratio Lower Upper

114 100

63 16.5 0.0 47.4

88 14.1 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

6.86

200000

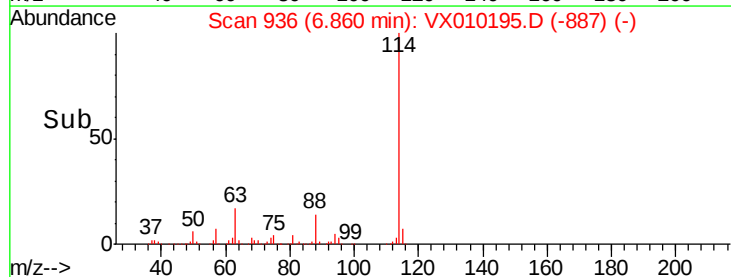
150000

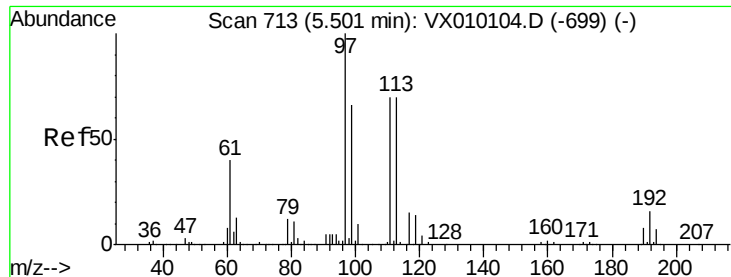
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

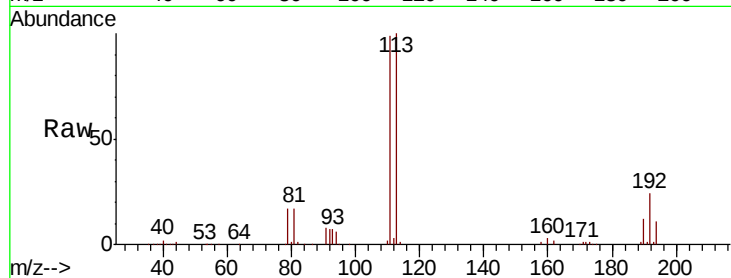




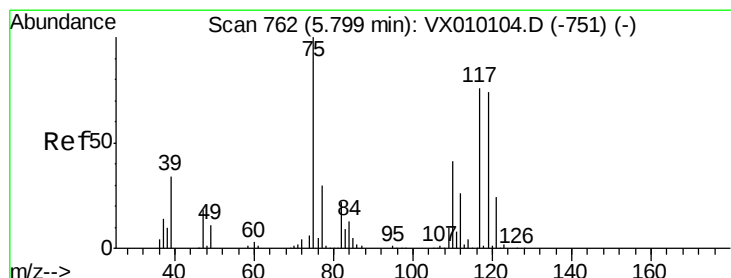
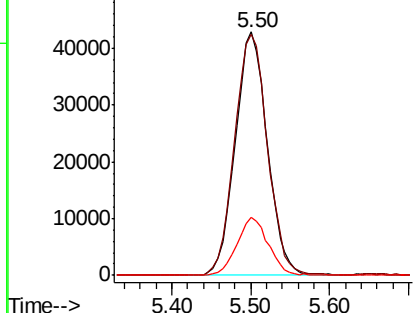
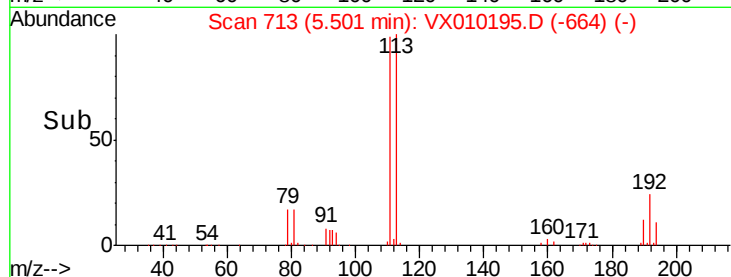
#35
 Dibromofluoromethane
 Concen: 49.942 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010195.D
 Acq: 10 Jun 2019 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBL02

Tot Ion:113 Resp: 121305
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.2 123.2
 192 23.1 17.1 25.7

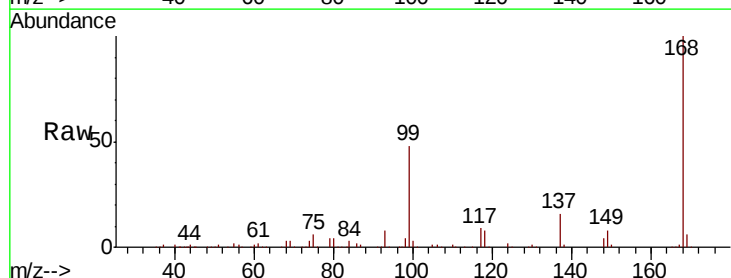


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

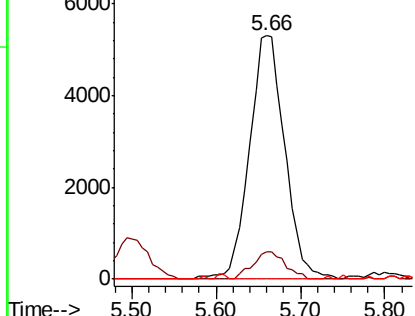
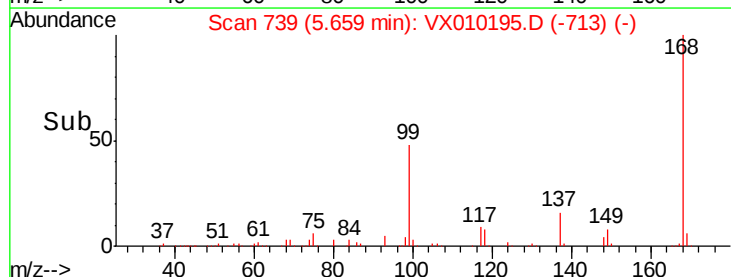


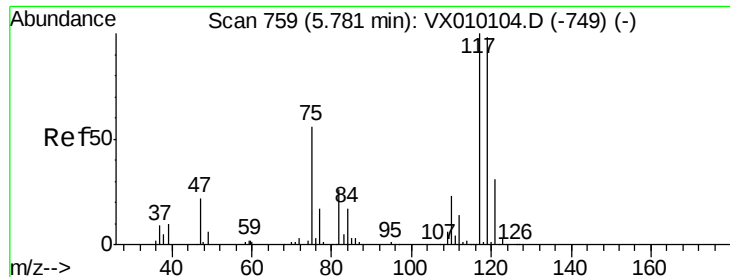
#36
 1,1-Dichloropropene
 Concen: 4.721 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010195.D
 Acq: 10 Jun 2019 23:10

Tgt Ion: 75 Resp: 15167
 Ion Ratio Lower Upper
 75 100
 110 10.3 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

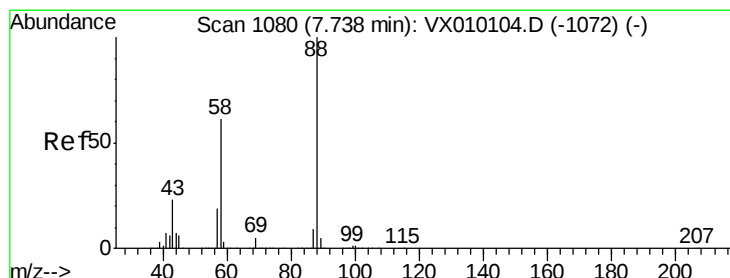
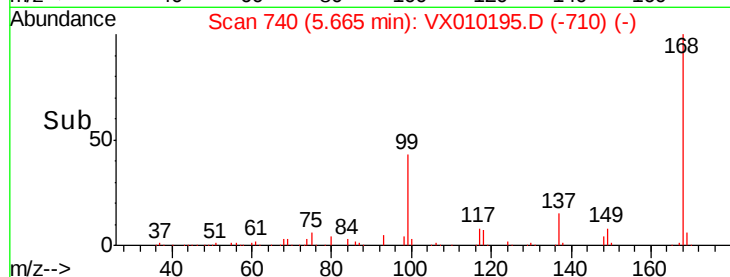
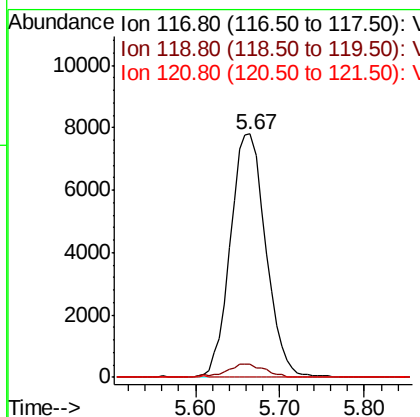
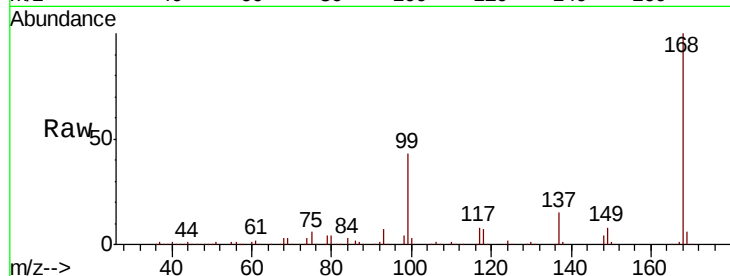




#38
 Carbon Tetrachloride
 Concen: 6.120 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX010195.D
 Acq: 10 Jun 2019 23:10

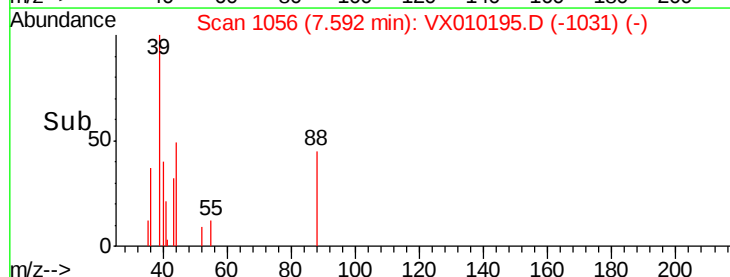
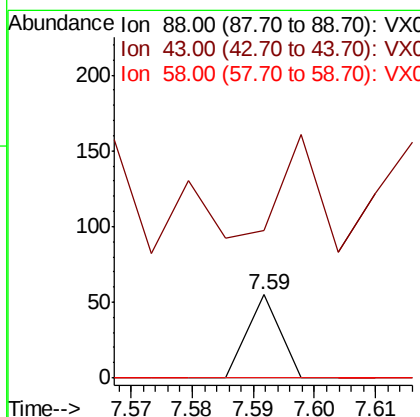
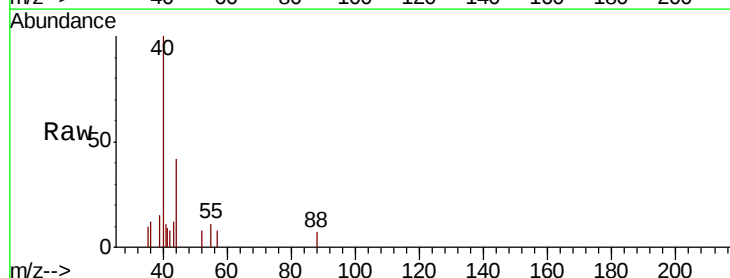
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBL02

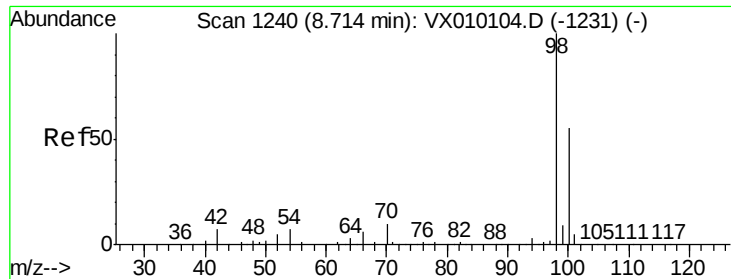
Tot Ion:117 Resp: 22253
 Ion Ratio Lower Upper
 117 100
 119 5.3 77.3 115.9#
 121 0.0 25.4 38.0#



#49
 1,4-Dioxane
 Concen: 0.268 ug/l
 RT: 7.59 min Scan# 1056
 Delta R.T. -0.15 min
 Lab File: VX010195.D
 Acq: 10 Jun 2019 23:10

Tgt Ion: 88 Resp: 20
 Ion Ratio Lower Upper
 88 100
 43 0.0 30.2 45.4#
 58 0.0 64.0 96.0#





#50

Toluene-d8

Concen: 50.734 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010195.D

Acq: 10 Jun 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

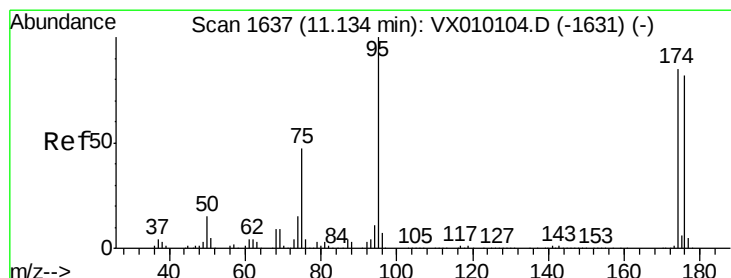
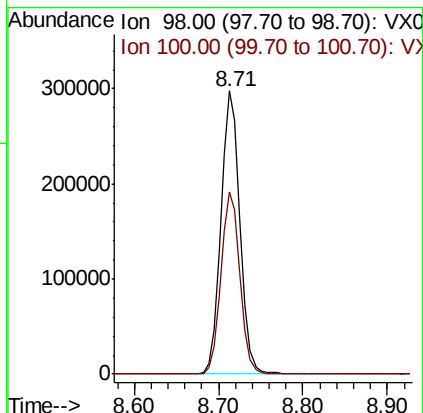
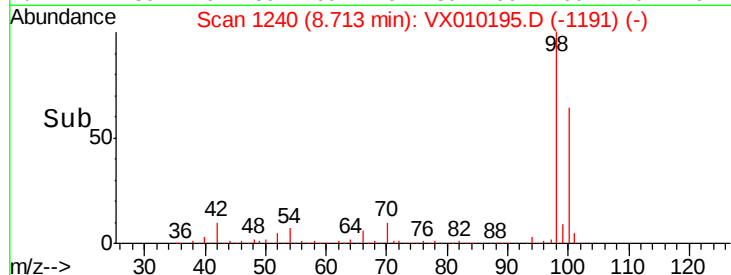
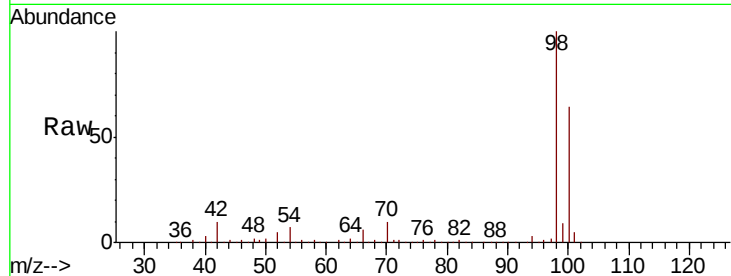
VX0610WBL02

Tot Ion: 98 Resp: 461835

Ion Ratio Lower Upper

98 100

100 64.6 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 46.286 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010195.D

Acq: 10 Jun 2019 23:10

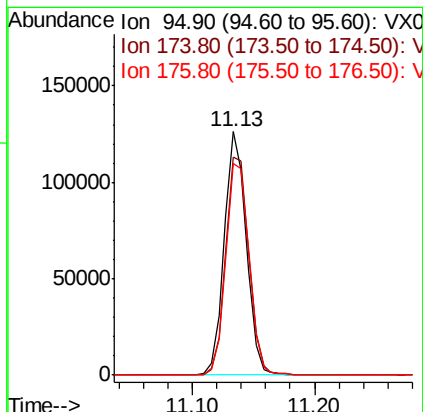
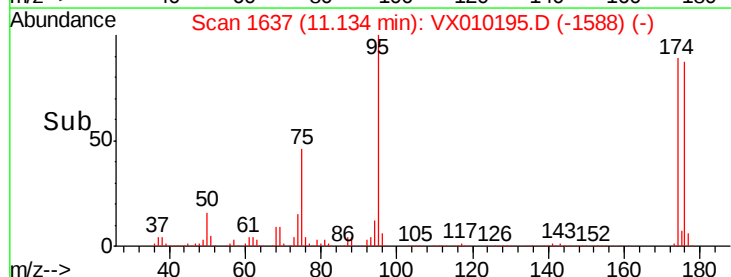
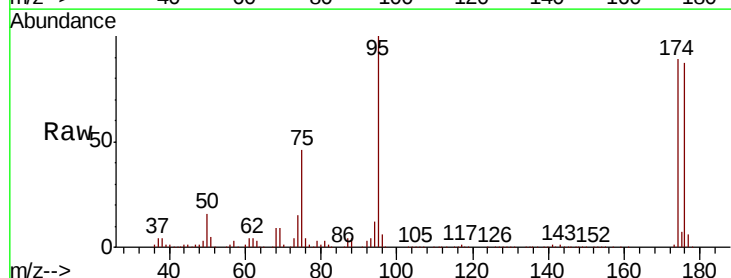
Tgt Ion: 95 Resp: 157357

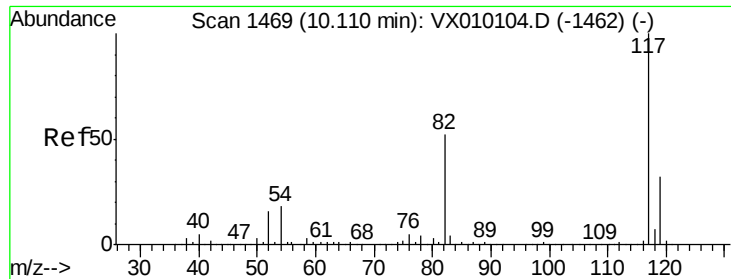
Ion Ratio Lower Upper

95 100

174 94.4 0.0 160.4

176 91.6 0.0 154.6

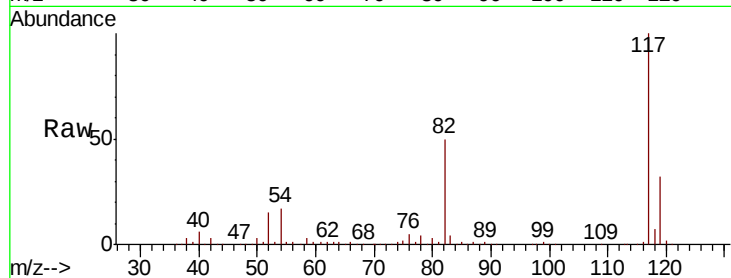




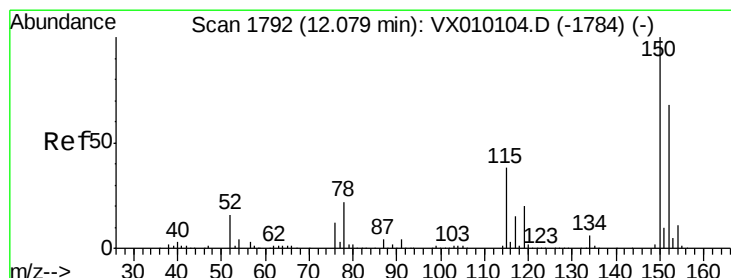
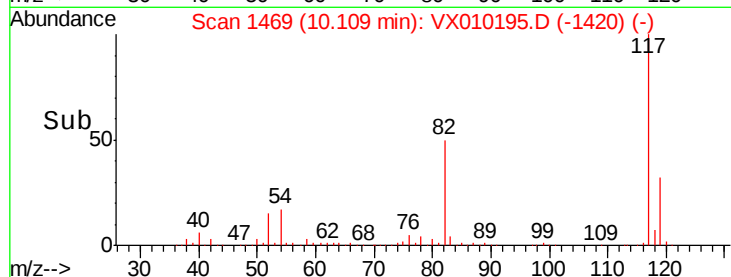
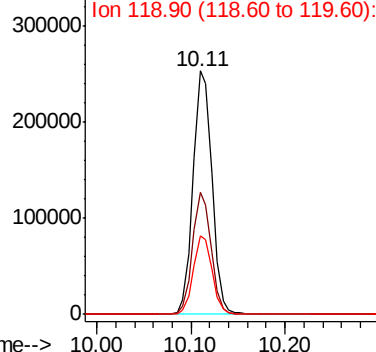
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010195.D
Acq: 10 Jun 2019 23:10

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL02

Tot Ion:117 Resp: 353637
Ion Ratio Lower Upper
117 100
82 49.9 49.2 73.8
119 32.4 25.2 37.8

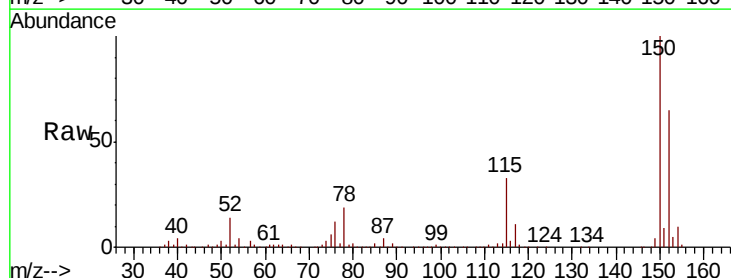


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

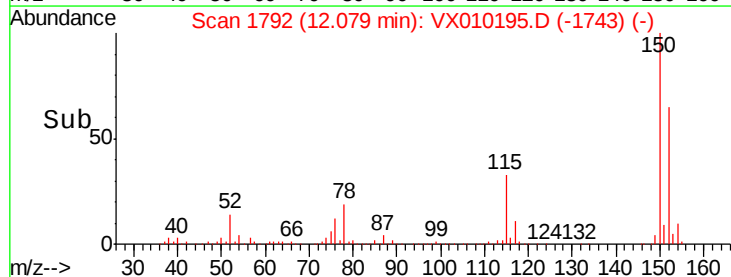
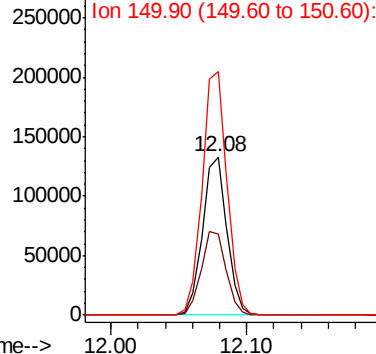


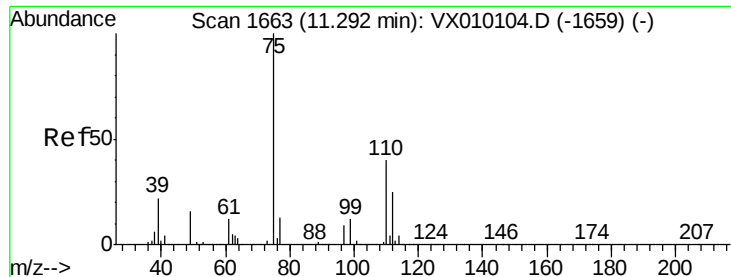
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010195.D
Acq: 10 Jun 2019 23:10

Tgt Ion:152 Resp: 165202
Ion Ratio Lower Upper
152 100
115 54.3 41.4 124.2
150 157.0 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: 21.643 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010195.D

Acq: 10 Jun 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

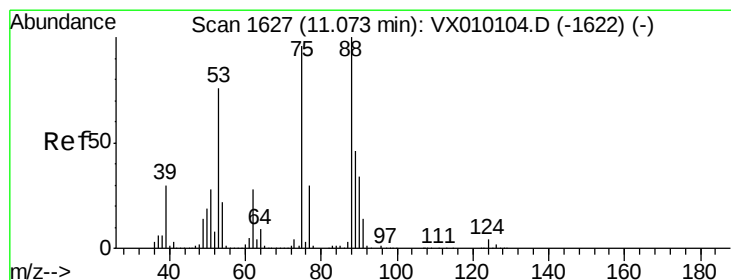
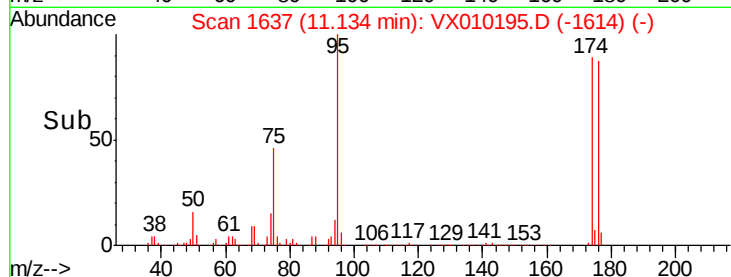
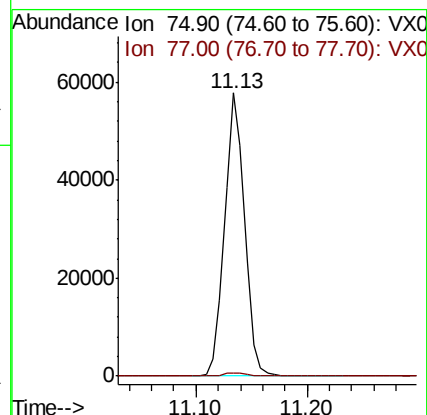
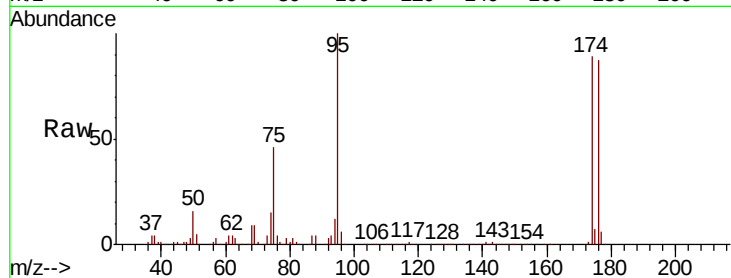
VX0610WBL02

Tot Ion: 75 Resp: 71515

Ion Ratio Lower Upper

75 100

77 1.4 22.1 66.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 47.818 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010195.D

Acq: 10 Jun 2019 23:10

Tgt Ion: 75 Resp: 71515

Ion Ratio Lower Upper

75 100

53 0.1 79.8 119.6#

89 0.0 34.2 51.4#

