

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061219\
 Data File : VX010257.D
 Acq On : 12 Jun 2019 17:44
 Operator : JC/SP
 Sample : K3309-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 01:28:35 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	330432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	505508	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	453061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	216459	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	150252	46.58	ug/l	0.00
Spiked Amount			Recovery	=	93.16%	
35) Dibromofluoromethane	5.50	113	153835	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
50) Toluene-d8	8.71	98	589041	50.41	ug/l	0.00
Spiked Amount			Recovery	=	100.82%	
62) 4-Bromofluorobenzene	11.13	95	201785	46.24	ug/l	0.00
Spiked Amount			Recovery	=	92.48%	

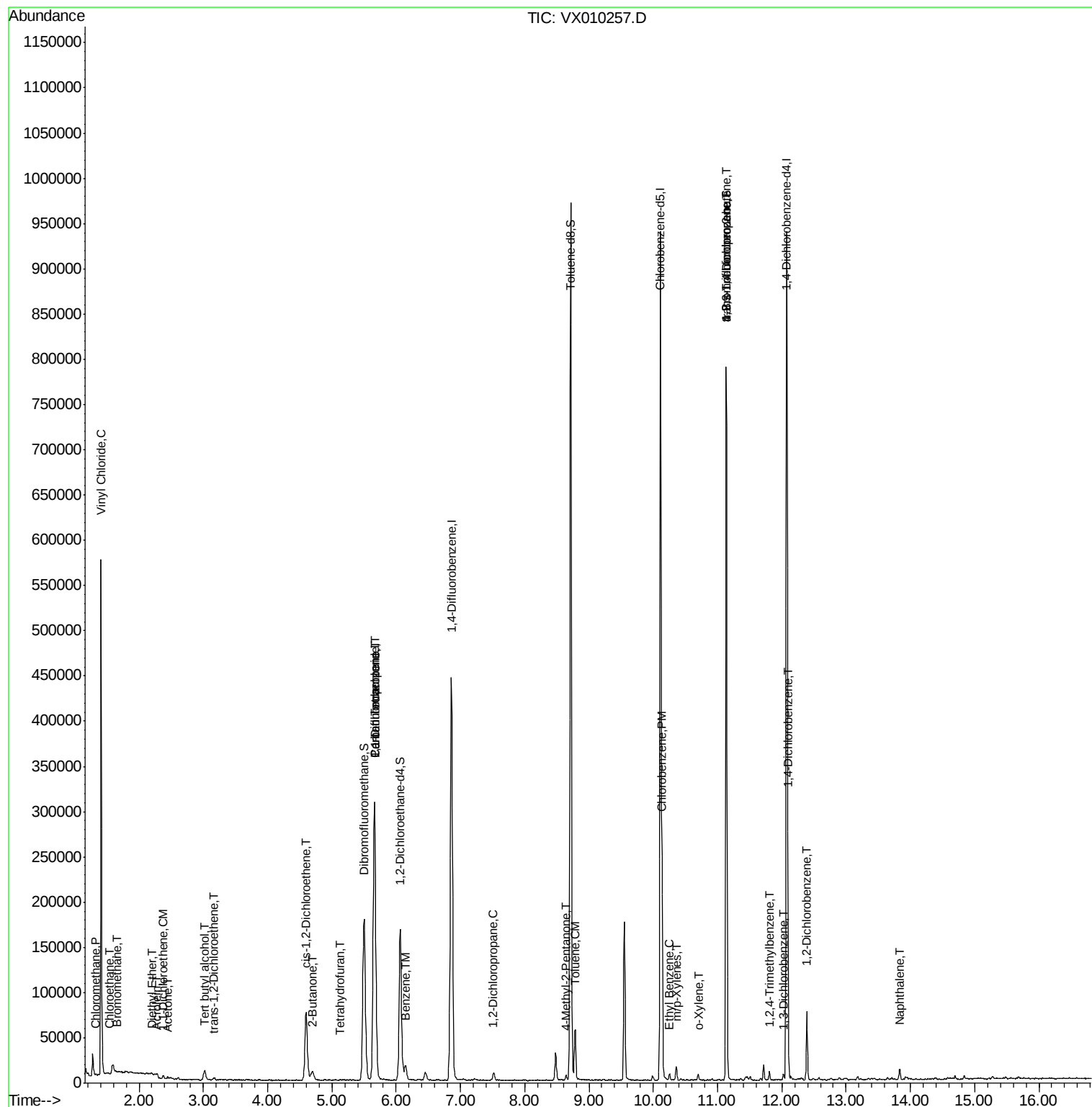
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	933	0.309	ug/l	98
4) Vinyl Chloride	1.41	62	380006	133.903	ug/l	97
5) Bromomethane	1.65	94	416	0.388	ug/l #	59
6) Chloroethane	1.54	64	2920	2.041	ug/l #	44
8) Diethyl Ether	2.20	74	401	0.276	ug/l	75
11) Tert butyl alcohol	3.02	59	7078	8.958	ug/l #	79
12) 1,1-Dichloroethene	2.37	96	1361	0.459	ug/l #	65
13) Acrolein	2.28	56	121	0.840	ug/l #	14
16) Acetone	2.44	43	3054	2.013	ug/l #	85
21) trans-1,2-Dichloroethene	3.17	96	1152	0.351	ug/l #	70
25) 2-Butanone	4.70	43	1710	0.757	ug/l #	50
27) cis-1,2-Dichloroethene	4.60	96	53090	14.529	ug/l	70
29) Tetrahydrofuran	5.12	42	530	0.373	ug/l #	39
36) 1,1-Dichloropropene	5.66	75	20364	4.938	ug/l #	52
38) Carbon Tetrachloride	5.66	117	28748	6.158	ug/l #	15
40) Benzene	6.15	78	20376	1.598	ug/l	99
45) 1,2-Dichloropropane	7.51	63	3922	1.229	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	3532	0.824	ug/l #	84
52) Toluene	8.79	92	21865	2.608	ug/l	99
65) Chlorobenzene	10.14	112	98021	10.483	ug/l	97
67) Ethyl Benzene	10.26	91	4165	0.262	ug/l	94
68) m/p-Xylenes	10.36	106	3872	0.629	ug/l	92
69) o-Xylene	10.70	106	1510	0.247	ug/l	90
76) 1,2,3-Trichloropropane	11.13	75	92653	21.400	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	92653	47.282	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	4072	0.317	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	2272	0.310	ug/l	95
88) 1,4-Dichlorobenzene	12.10	146	38760	5.253	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	25803	3.626	ug/l	97
95) Naphthalene	13.83	128	7943	0.484	ug/l #	95

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

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ClientSampled :

Quant Time: Jun 13 01:28:35 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: VX010257.D

Acq: 12 Jun 2019 17:44

Instrument :

MSVOA_X

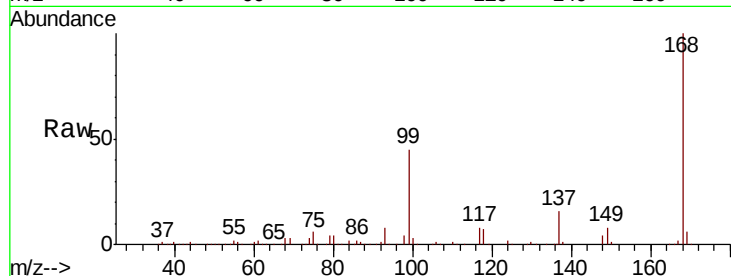
ClientSampleId :

Tot Ion:168 Resp: 330432

Ion Ratio Lower Upper

168 100

99 45.1 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

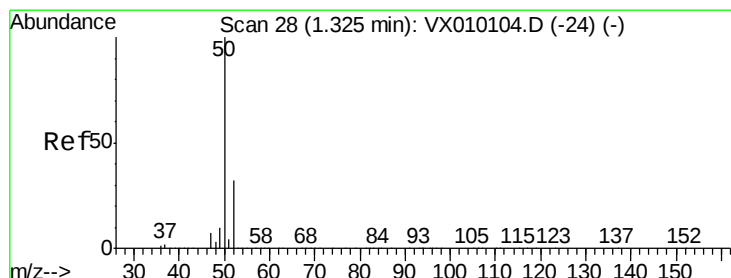
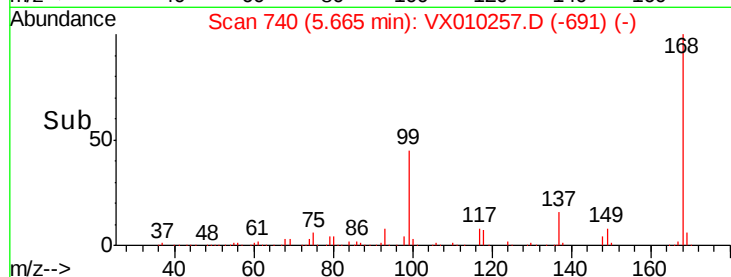
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.309 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010257.D

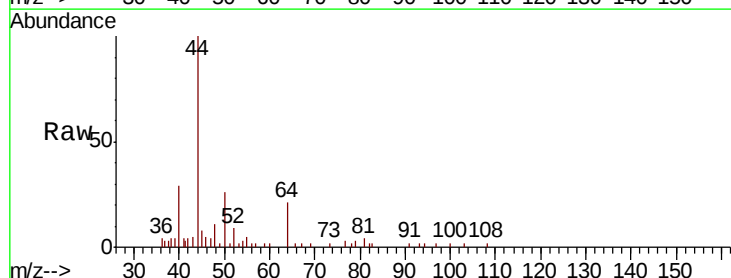
Acq: 12 Jun 2019 17:44

Tgt Ion: 50 Resp: 933

Ion Ratio Lower Upper

50 100

52 31.5 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

1000

800

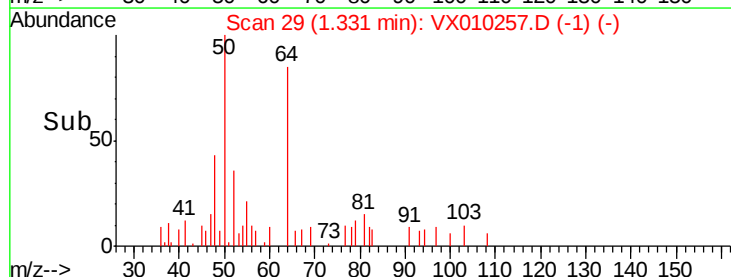
600

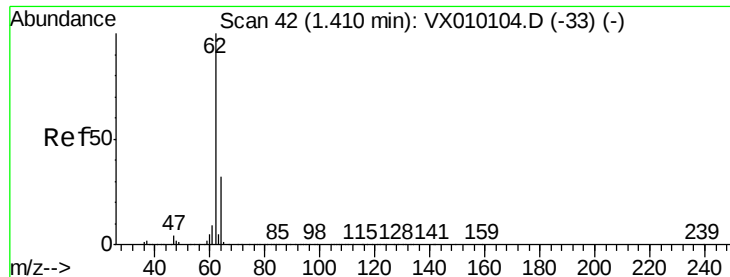
400

200

0

Time--> 1.30 1.32 1.34 1.36





#4

Vinyl Chloride

Concen: 133.903 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010257.D

Acq: 12 Jun 2019 17:44

Instrument :

MSVOA_X

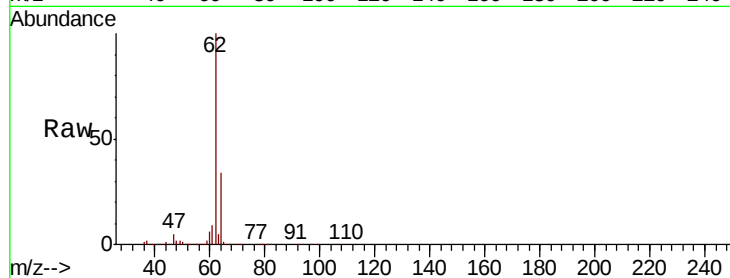
ClientSampleId :

Tot Ion: 62 Resp: 380006

Ion Ratio Lower Upper

62 100

64 33.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

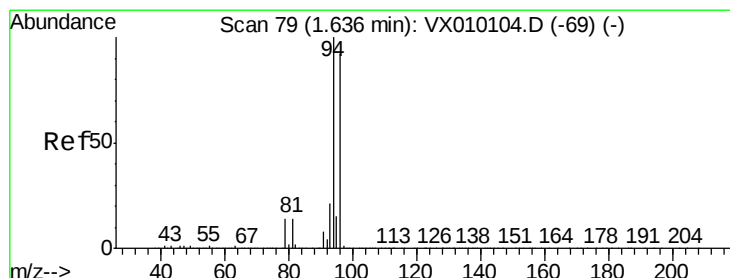
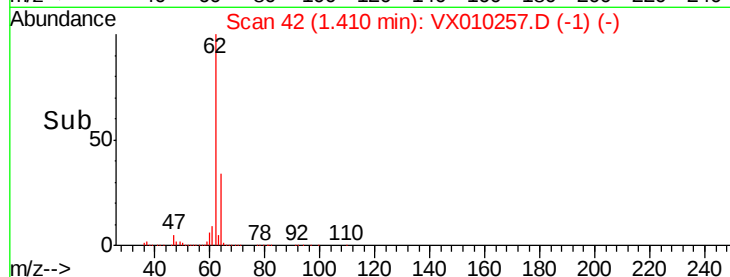
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: 0.388 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010257.D

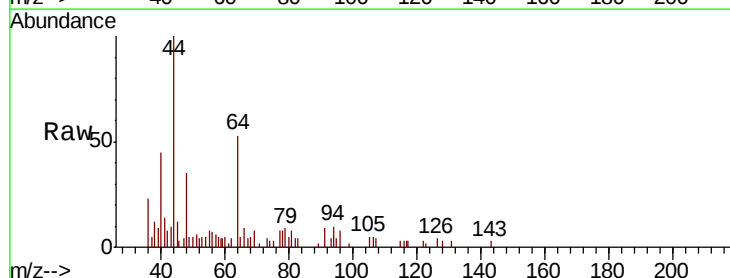
Acq: 12 Jun 2019 17:44

Tgt Ion: 94 Resp: 416

Ion Ratio Lower Upper

94 100

96 55.6 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

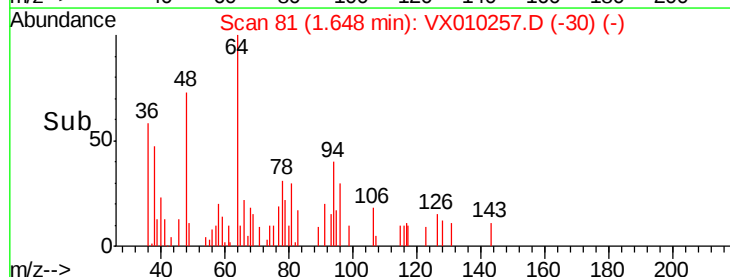
150

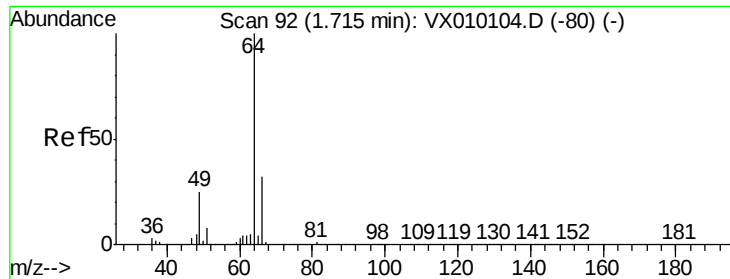
100

50

0

Time-->





#6

Chloroethane

Concen: 2.041 ug/l

RT: 1.54 min Scan# 64

Delta R.T. -0.17 min

Lab File: VX010257.D

Acq: 12 Jun 2019 17:44

Instrument :

MSVOA_X

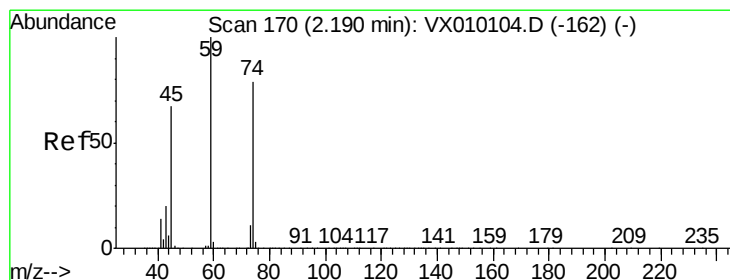
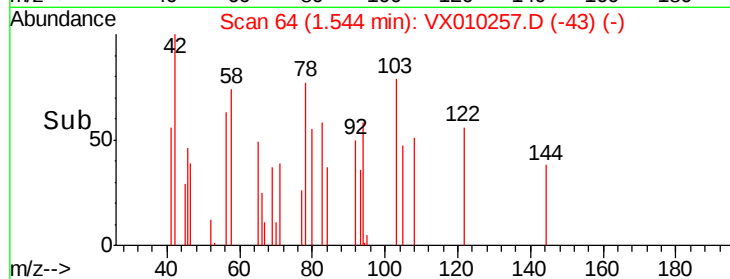
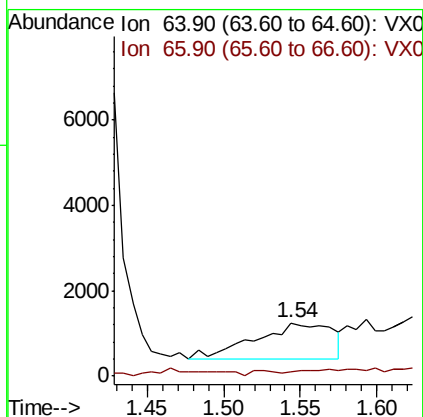
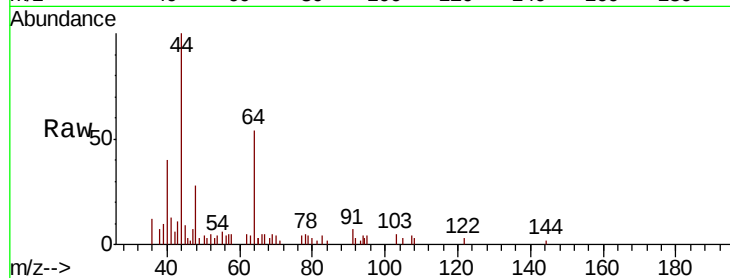
ClientSampleId :

Tot Ion: 64 Resp: 2920

Ion Ratio Lower Upper

64 100

66 0.4 25.1 37.7#



#8

Diethyl Ether

Concen: 0.276 ug/l

RT: 2.20 min Scan# 171

Delta R.T. 0.01 min

Lab File: VX010257.D

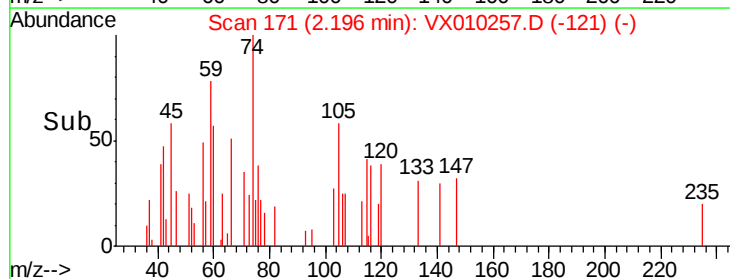
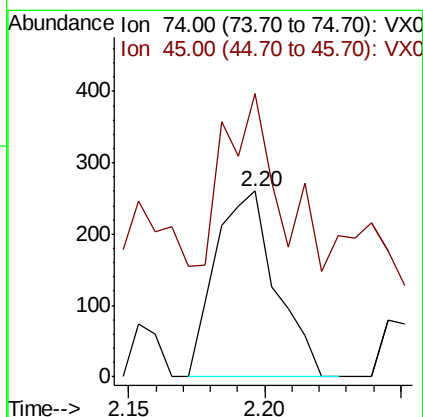
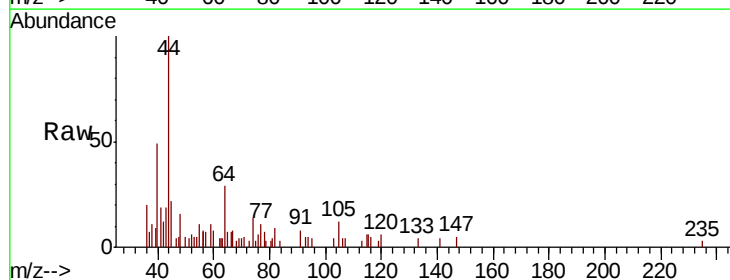
Acq: 12 Jun 2019 17:44

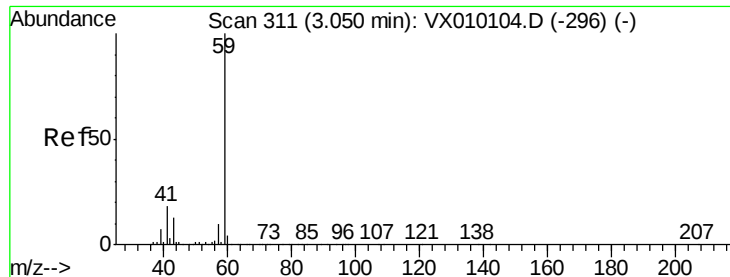
Tgt Ion: 74 Resp: 401

Ion Ratio Lower Upper

74 100

45 85.5 56.1 168.3



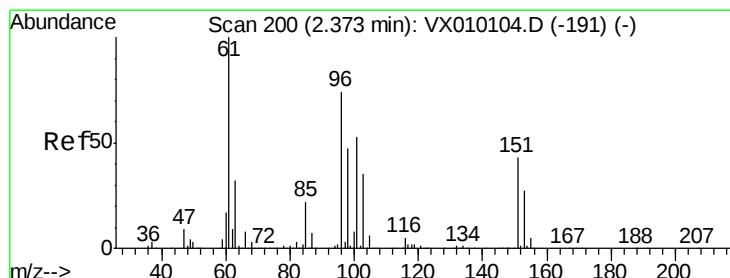
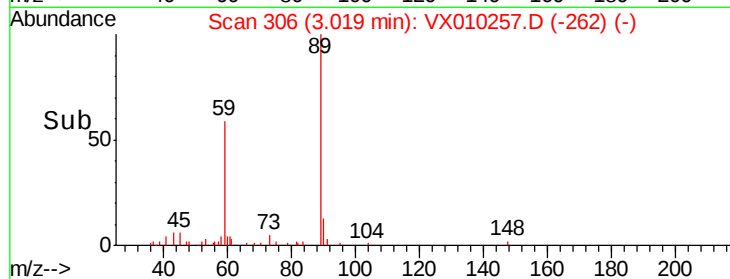
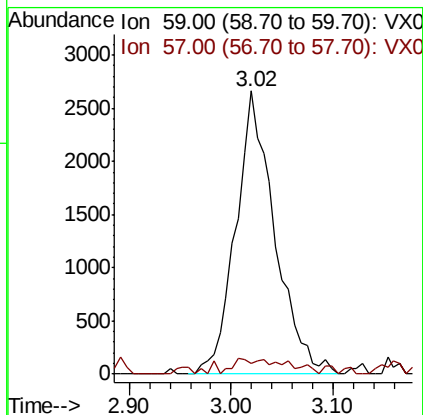
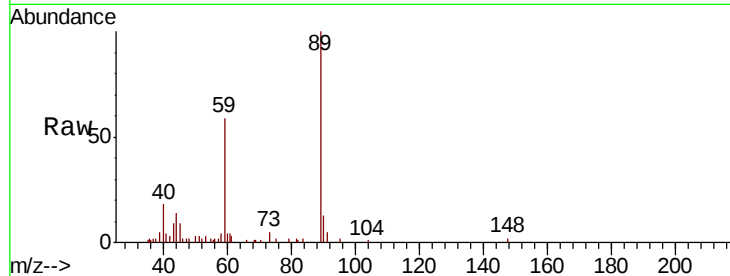


#11

Tert butyl alcohol
Concen: 8.958 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :

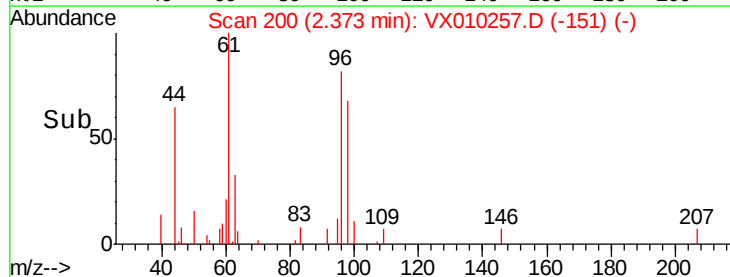
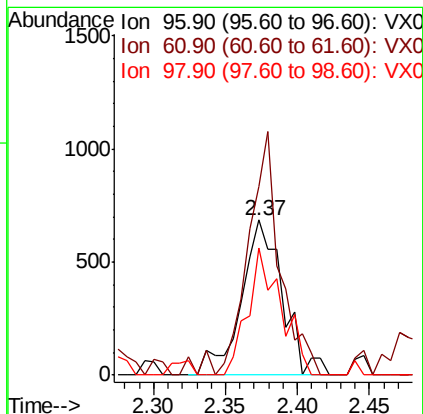
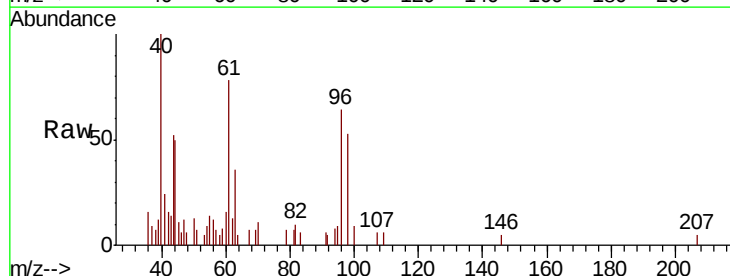
Tot Ion: 59 Resp: 7078
Ion Ratio Lower Upper
59 100
57 2.5 8.2 12.2#

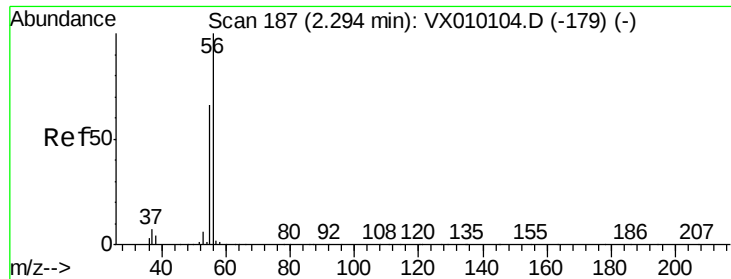


#12

1,1-Dichloroethene
Concen: 0.459 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Tgt Ion: 96 Resp: 1361
Ion Ratio Lower Upper
96 100
61 121.5 140.7 211.1#
98 82.3 50.1 75.1#





#13

Acrolein

Concen: 0.840 ug/l

RT: 2.28 min Scan# 184

Delta R.T. -0.02 min

Lab File: VX010257.D

Acq: 12 Jun 2019 17:44

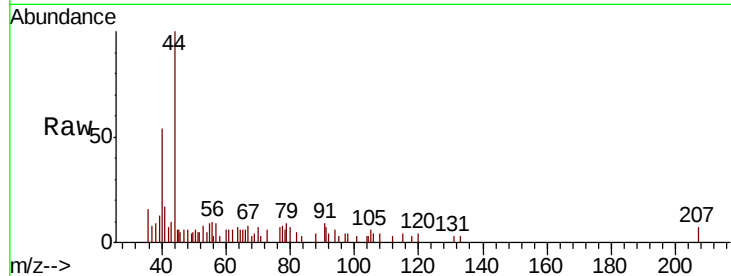
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 121

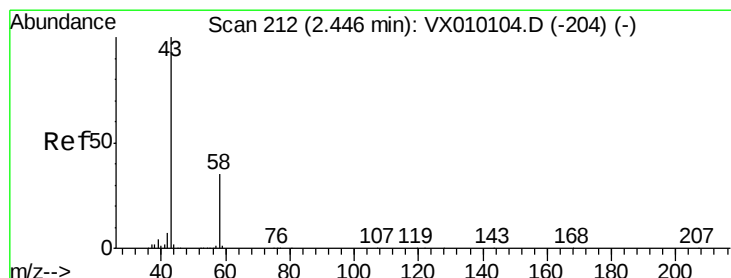
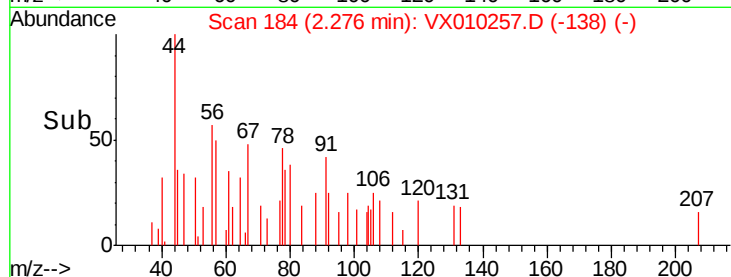
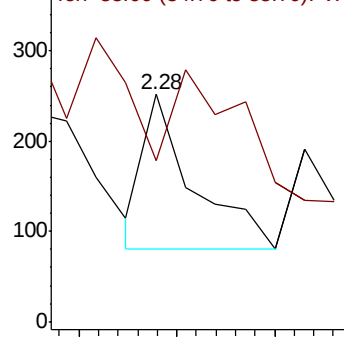
Ion Ratio Lower Upper

56 100

55 0.0 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: 2.013 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010257.D

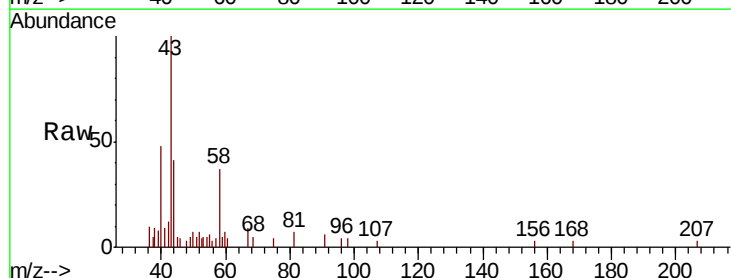
Acq: 12 Jun 2019 17:44

Tgt Ion: 43 Resp: 3054

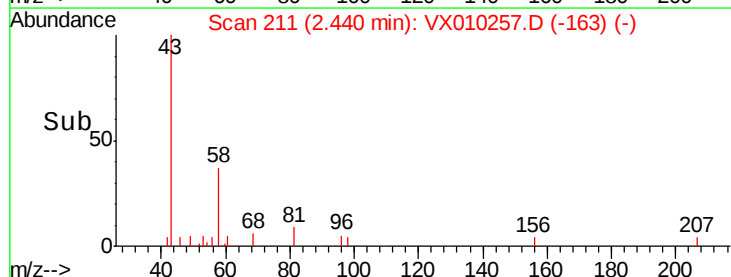
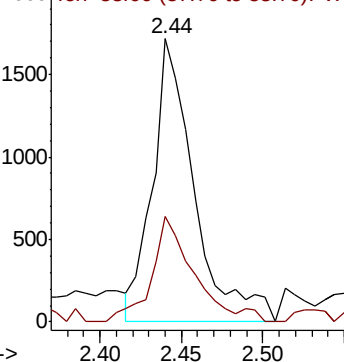
Ion Ratio Lower Upper

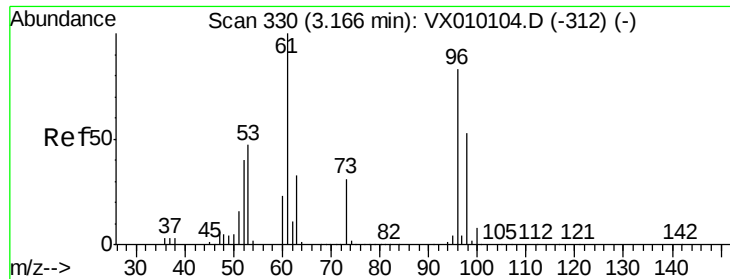
43 100

58 37.1 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.351 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010257.D

Acq: 12 Jun 2019 17:44

Instrument :

MSVOA_X

ClientSampled :

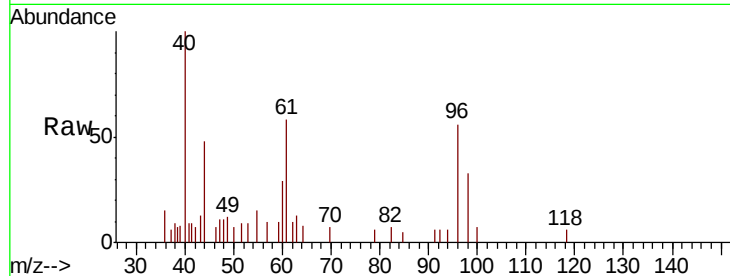
Tot Ion: 96 Resp: 1152

Ion Ratio Lower Upper

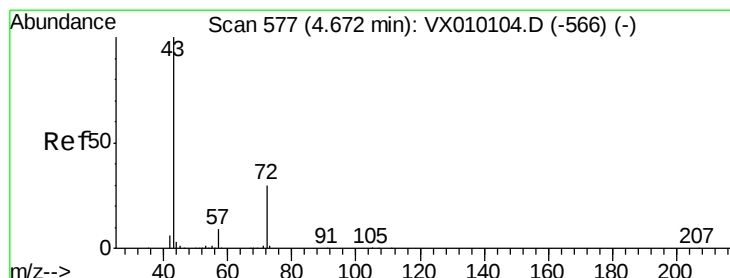
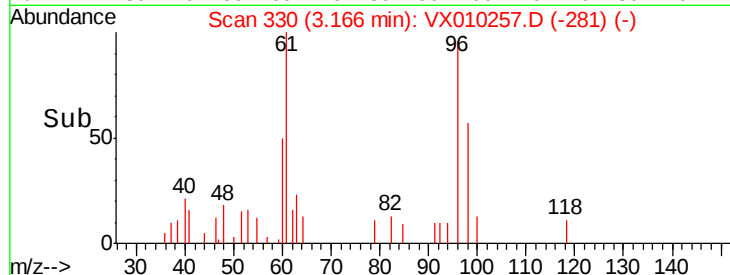
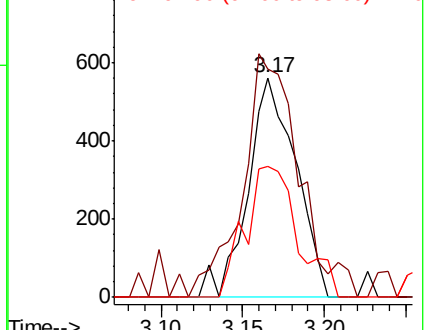
96 100

61 104.1 125.7 188.5#

98 59.7 49.0 73.6



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



#25

2-Butanone

Concen: 0.757 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX010257.D

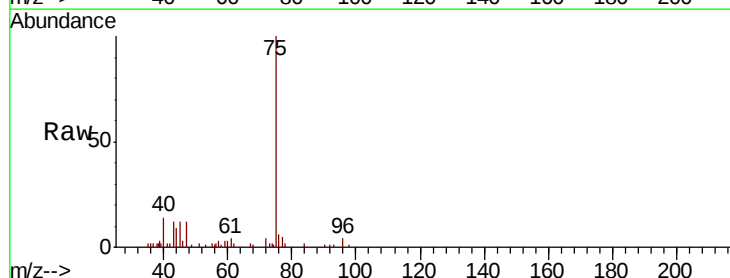
Acq: 12 Jun 2019 17:44

Tgt Ion: 43 Resp: 1710

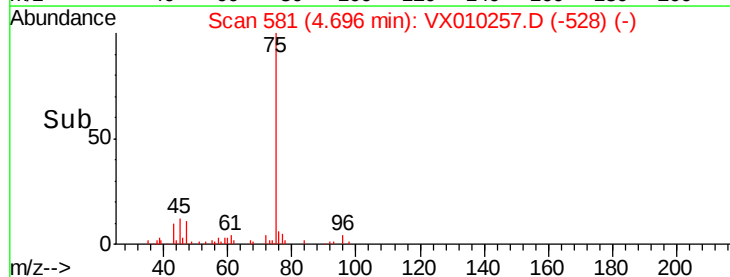
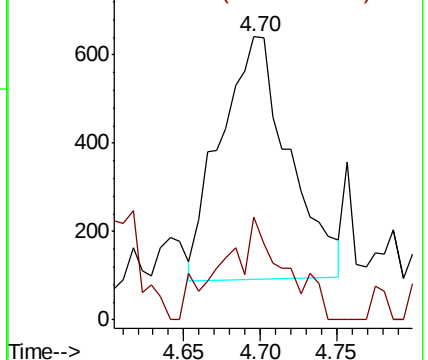
Ion Ratio Lower Upper

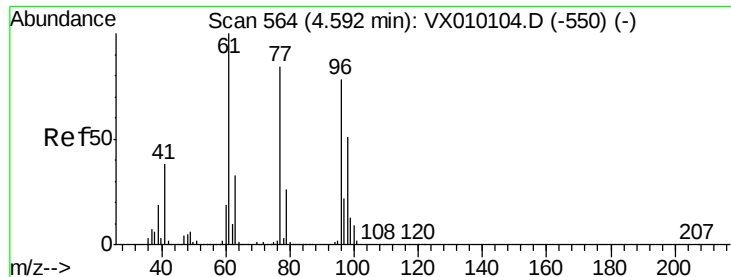
43 100

72 45.9 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



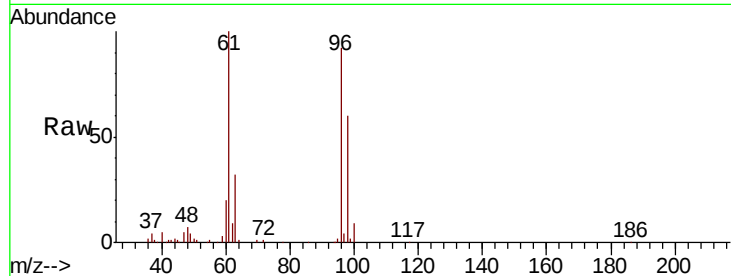


#27

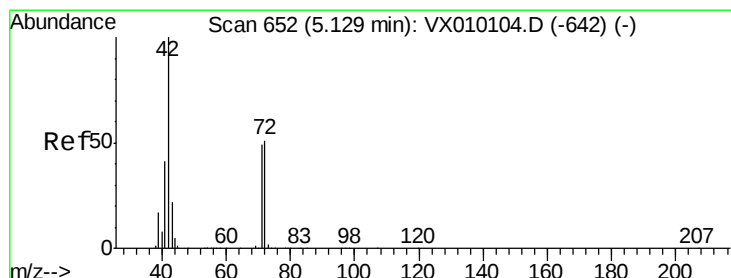
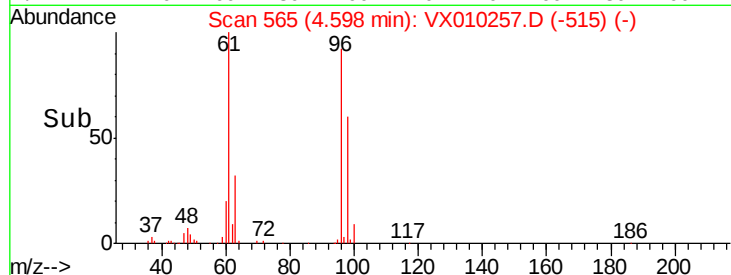
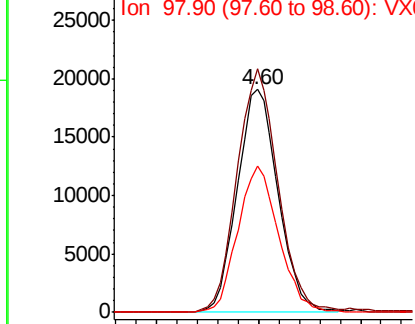
cis-1,2-Dichloroethene
 Concen: 14.529 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX010257.D
 Acq: 12 Jun 2019 17:44

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	96	Resp	53090
Ion Ratio	Lower	Upper	
96	100		
61	109.8	0.0	334.0
98	65.6	0.0	131.6



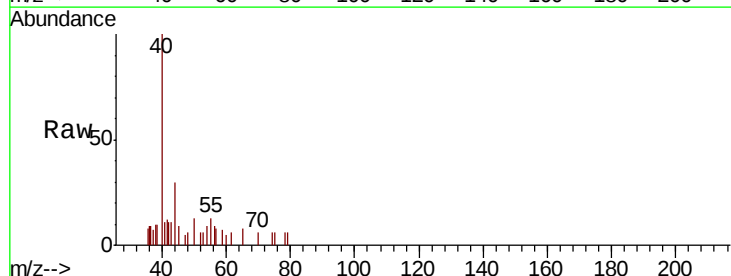
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



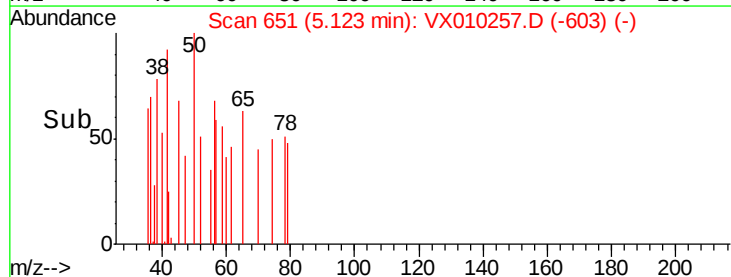
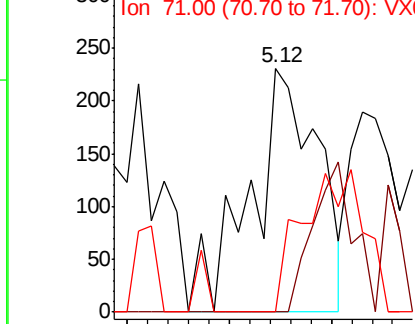
#29

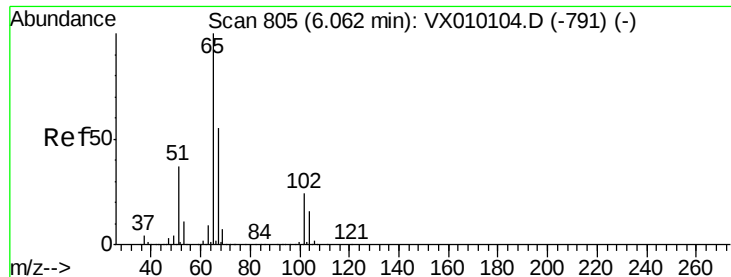
Tetrahydrofuran
 Concen: 0.373 ug/l
 RT: 5.12 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: VX010257.D
 Acq: 12 Jun 2019 17:44

Tgt Ion	42	Resp	530
Ion Ratio	Lower	Upper	
42	100		
72	0.0	29.2	43.8#
71	0.0	27.6	41.4#



Abundance Ion 42.00 (41.70 to 42.70): VX0
 Ion 72.00 (71.70 to 72.70): VX0
 Ion 71.00 (70.70 to 71.70): VX0

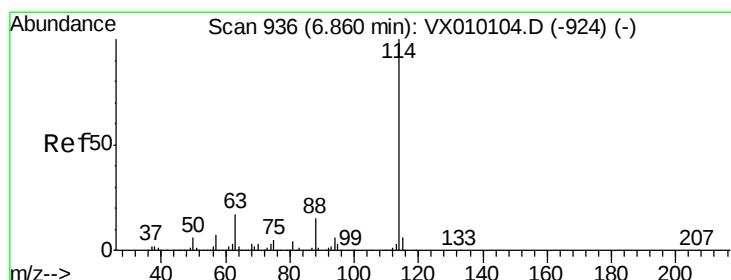
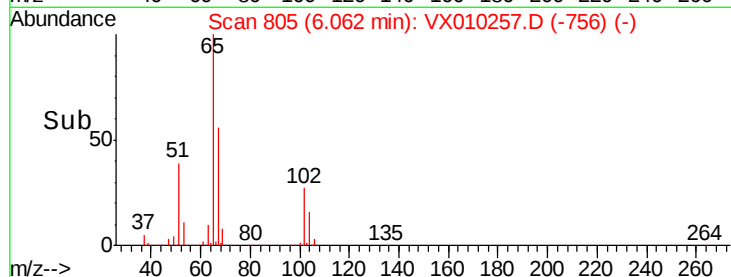
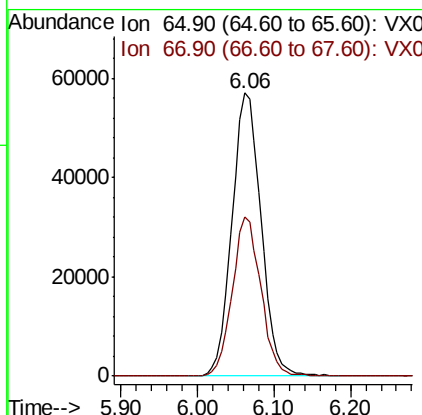
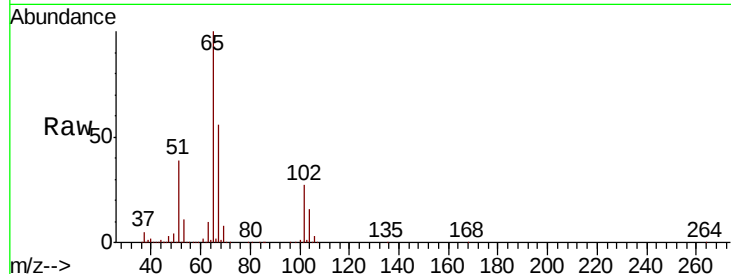




#33
 1,2-Dichloroethane-d4
 Concen: 46.584 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010257.D
 Acq: 12 Jun 2019 17:44

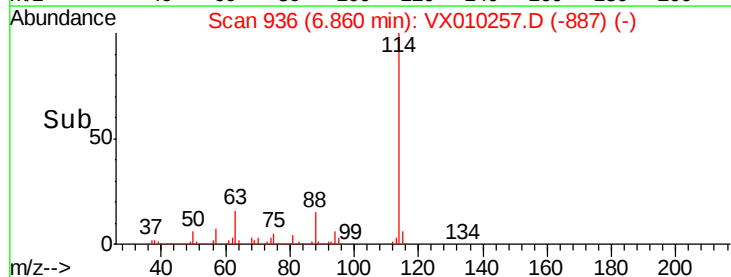
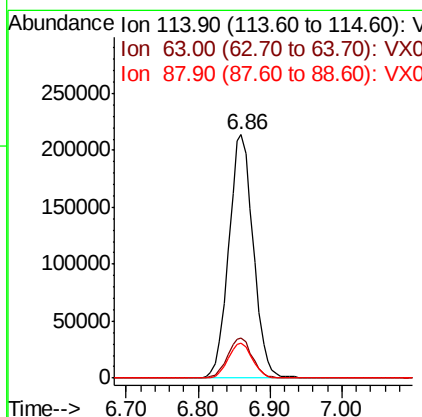
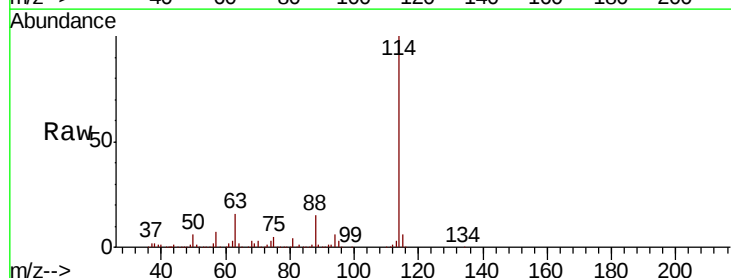
Instrument :
 MSVOA_X
 ClientSampleId :

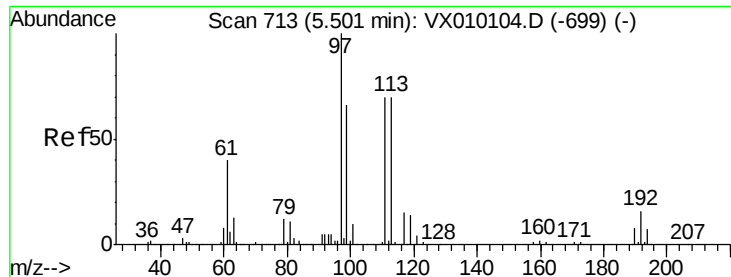
Tot Ion: 65 Resp: 150252
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010257.D
 Acq: 12 Jun 2019 17:44

Tgt Ion: 114 Resp: 505508
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 47.4
 88 14.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.336 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010257.D

Acq: 12 Jun 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

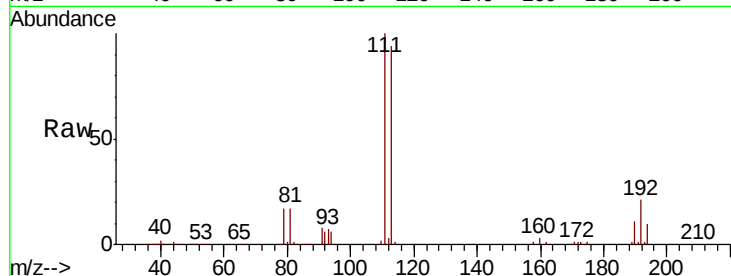
Tot Ion:113 Resp: 153835

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

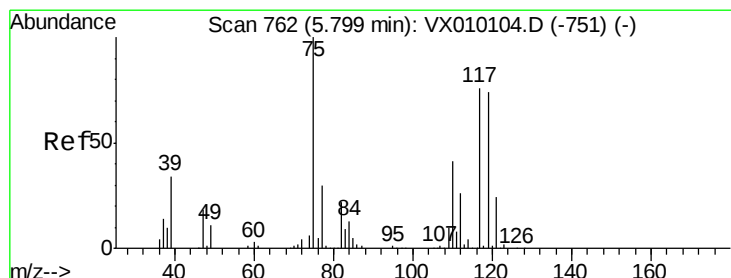
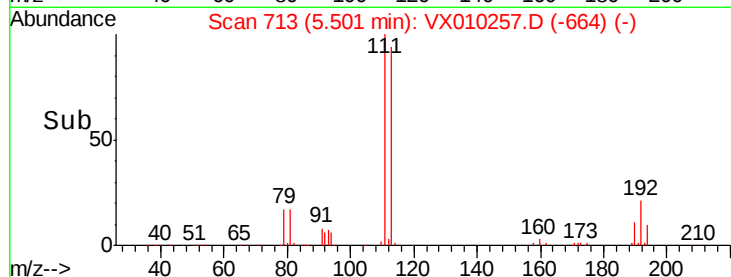
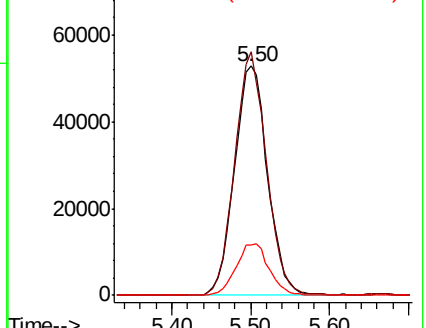
192 22.6 17.1 25.7



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: 4.938 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010257.D

Acq: 12 Jun 2019 17:44

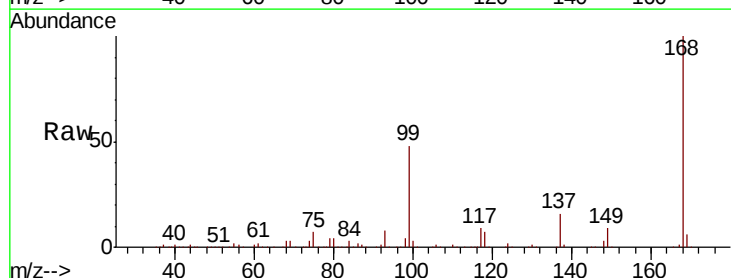
Tgt Ion: 75 Resp: 20364

Ion Ratio Lower Upper

75 100

110 10.3 16.7 50.1#

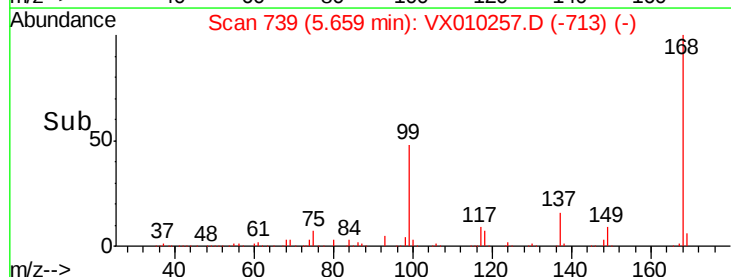
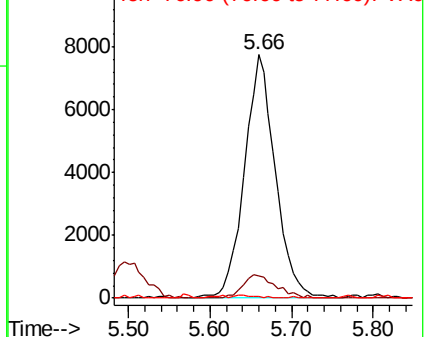
77 0.9 25.0 37.4#

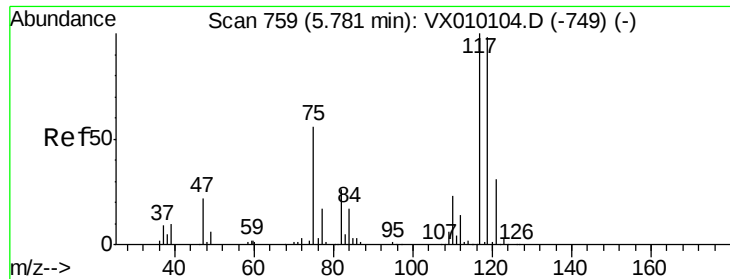


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

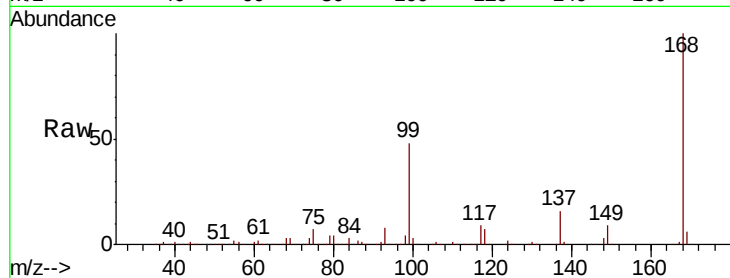




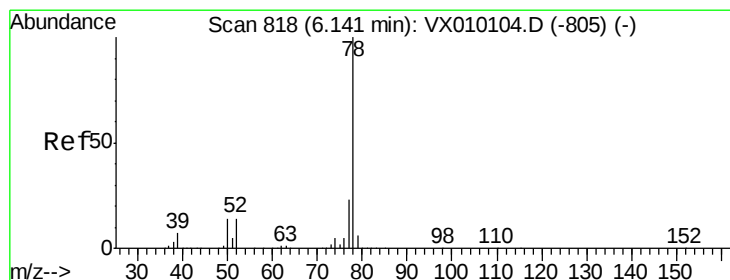
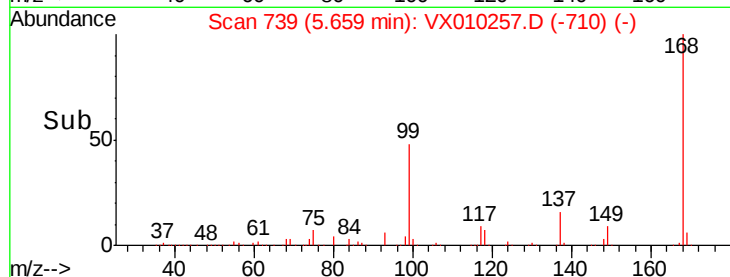
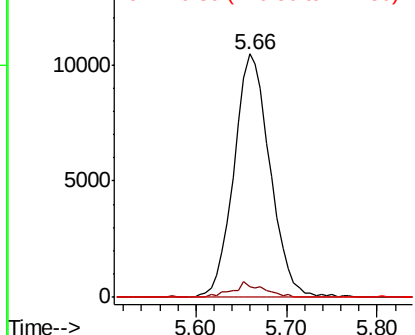
#38
Carbon Tetrachloride
Concen: 6.158 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 28748
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 25.4 38.0#

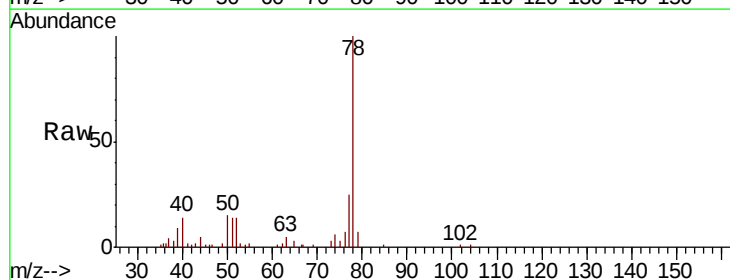


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

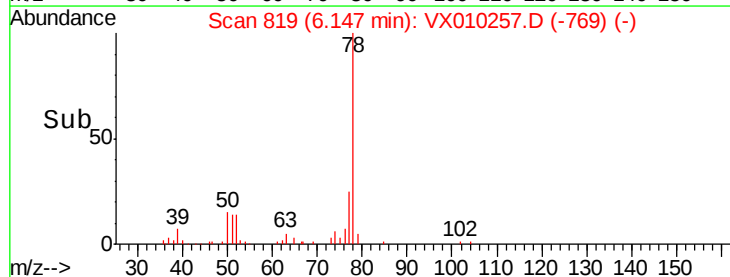
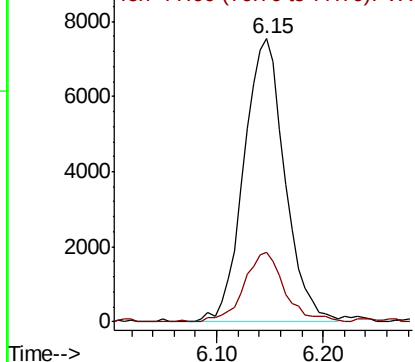


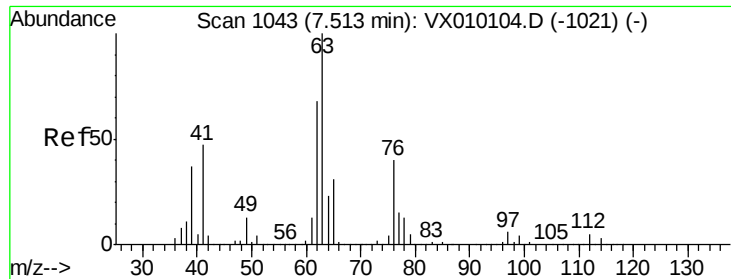
#40
Benzene
Concen: 1.598 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Tgt Ion: 78 Resp: 20376
Ion Ratio Lower Upper
78 100
77 24.6 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

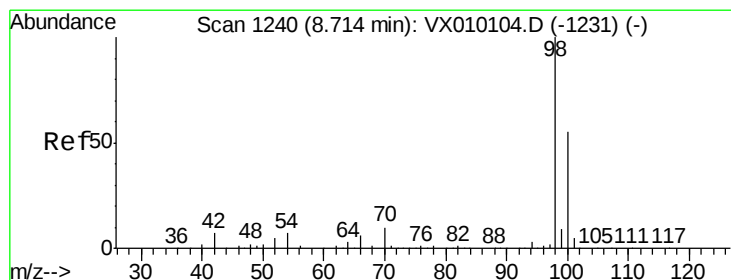
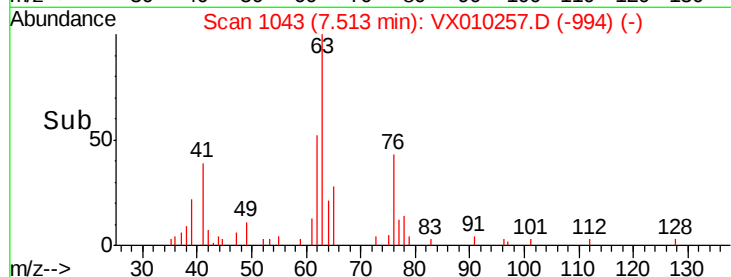
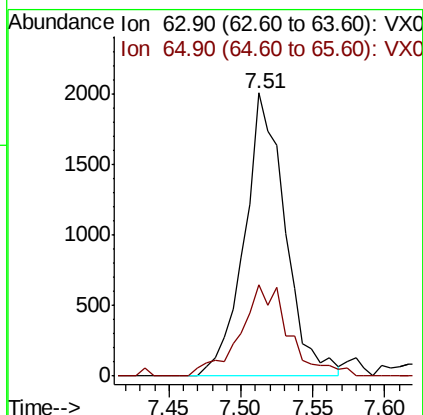
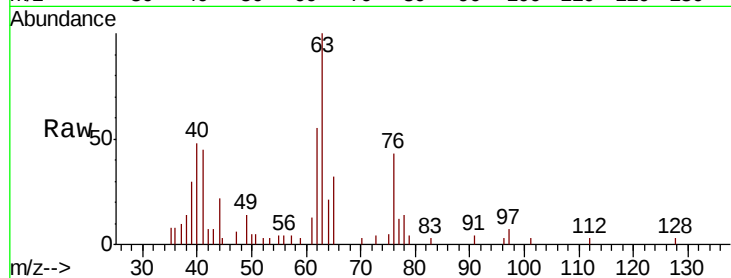




#45
 1,2-Dichloropropane
 Concen: 1.229 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010257.D
 Acq: 12 Jun 2019 17:44

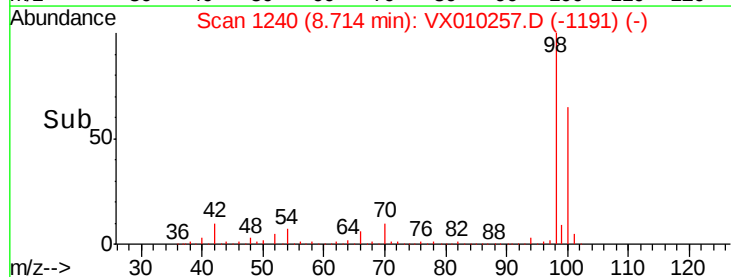
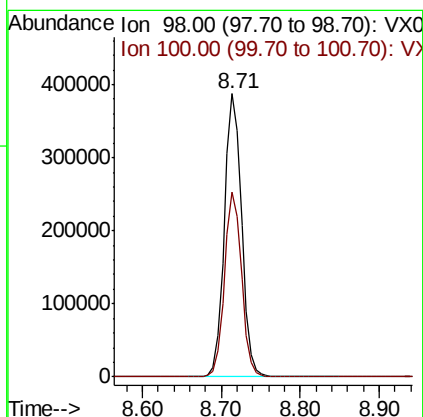
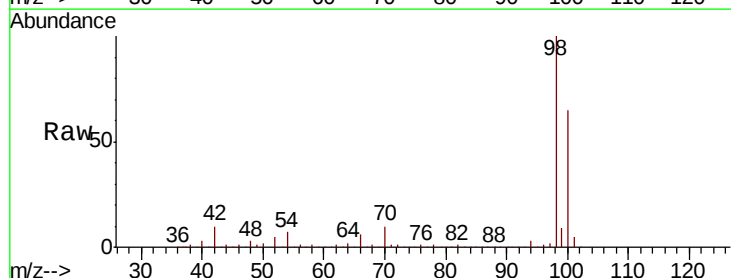
Instrument :
 MSVOA_X
 ClientSampleId :

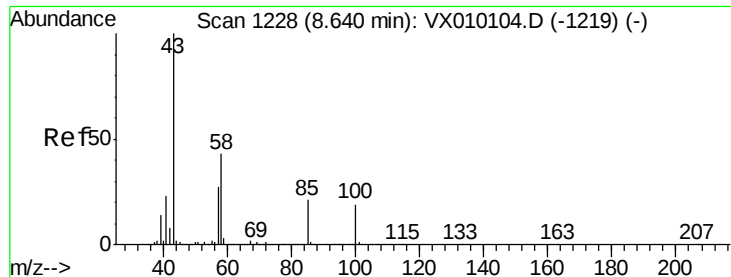
Tot Ion: 63 Resp: 3922
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.7 38.5



#50
 Toluene-d8
 Concen: 50.405 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010257.D
 Acq: 12 Jun 2019 17:44

Tgt Ion: 98 Resp: 589041
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.824 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010257.D

Acq: 12 Jun 2019 17:44

Instrument :

MSVOA_X

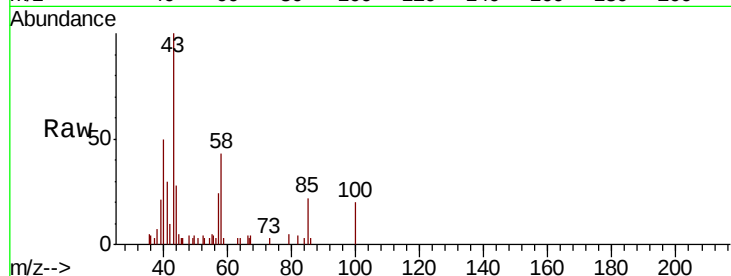
ClientSampled :

Tot Ion: 43 Resp: 3532

Ion Ratio Lower Upper

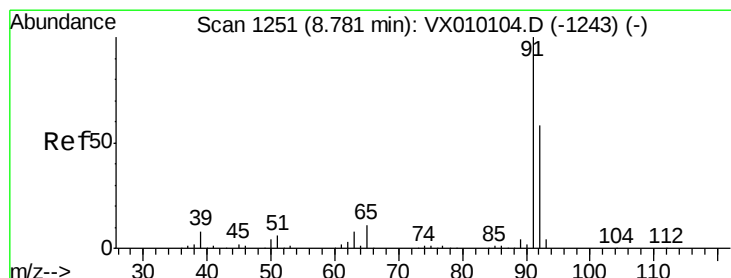
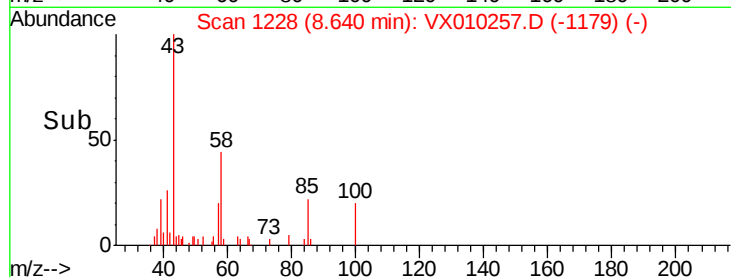
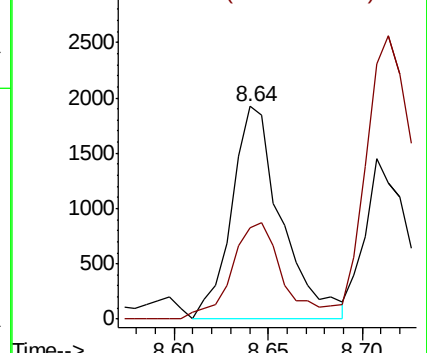
43 100

58 45.1 28.8 43.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 2.608 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010257.D

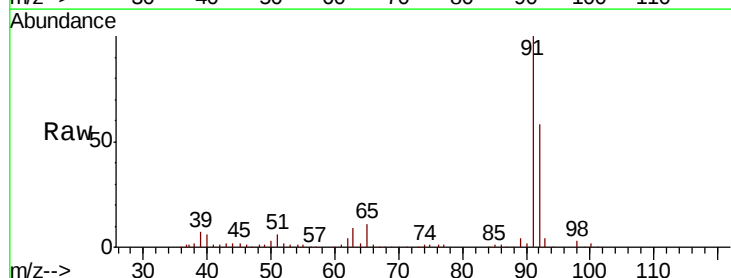
Acq: 12 Jun 2019 17:44

Tgt Ion: 92 Resp: 21865

Ion Ratio Lower Upper

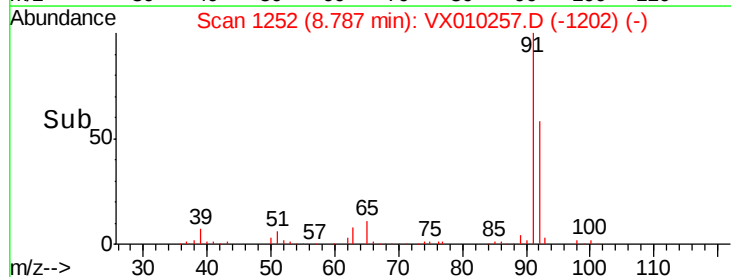
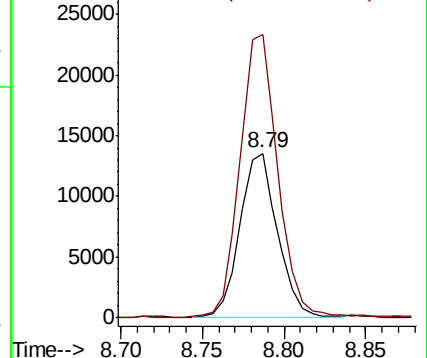
92 100

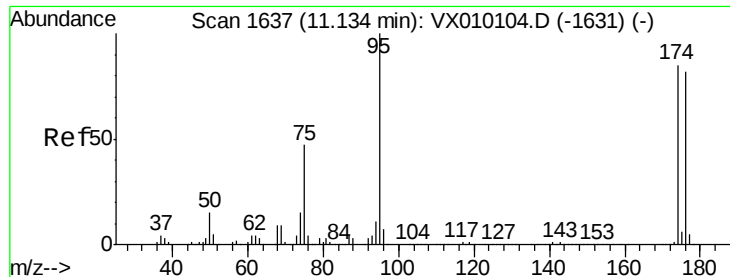
91 173.4 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.235 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010257.D

Acq: 12 Jun 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

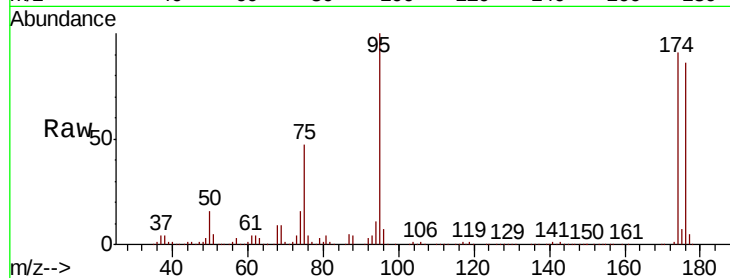
Tot Ion: 95 Resp: 201785

Ion Ratio Lower Upper

95 100

174 94.4 0.0 160.4

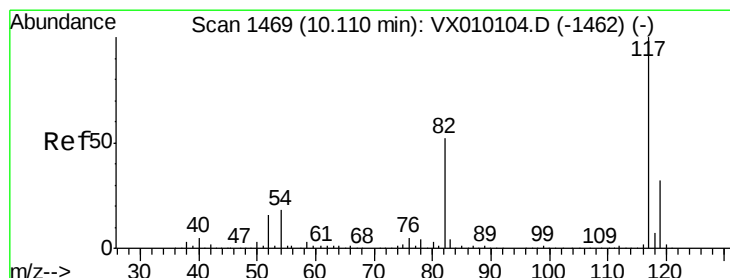
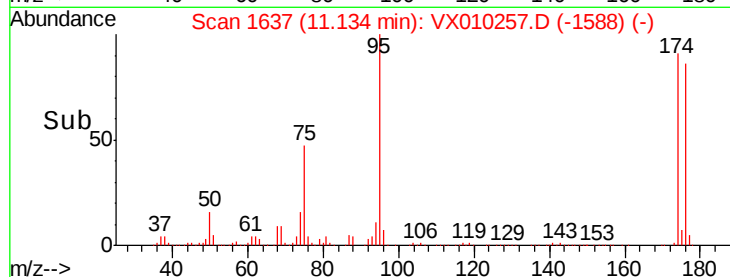
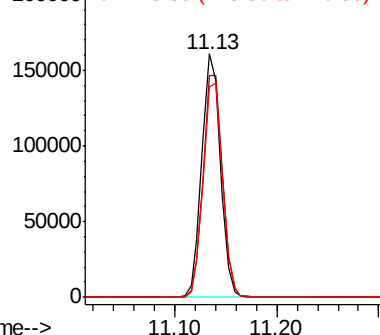
176 91.3 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010257.D

Acq: 12 Jun 2019 17:44

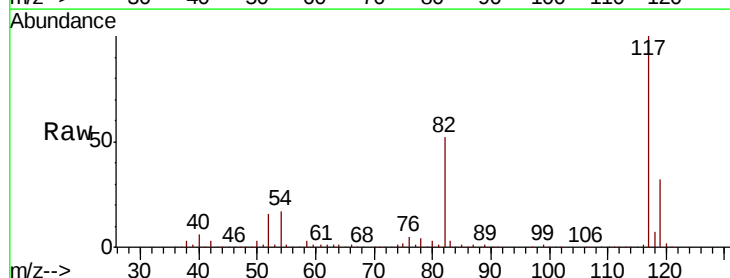
Tgt Ion: 117 Resp: 453061

Ion Ratio Lower Upper

117 100

82 51.7 49.2 73.8

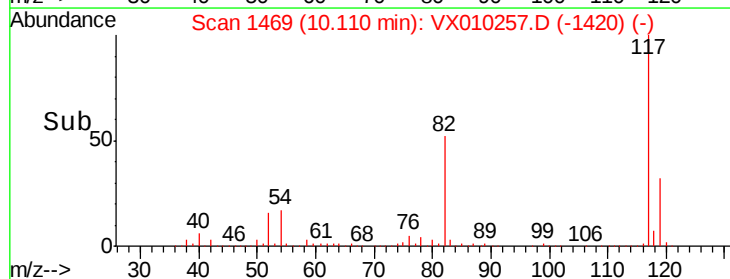
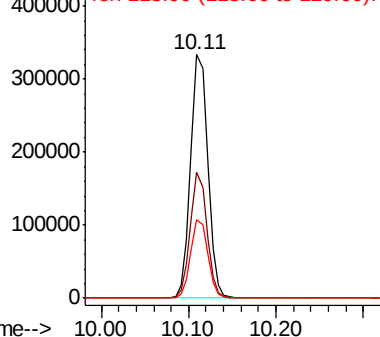
119 32.0 25.2 37.8

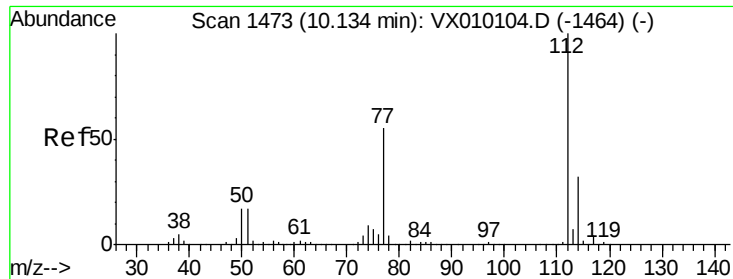


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

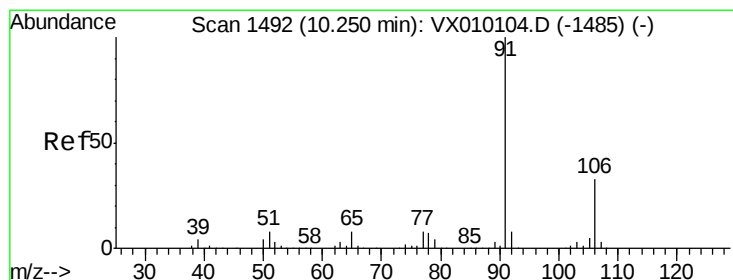
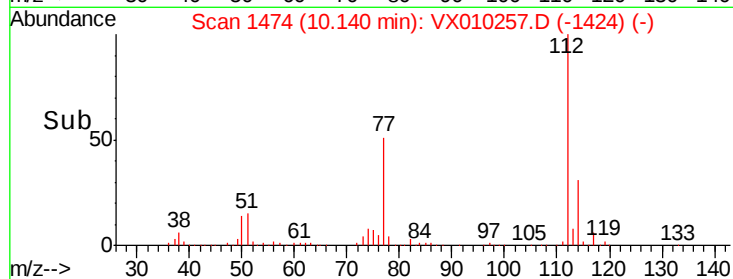
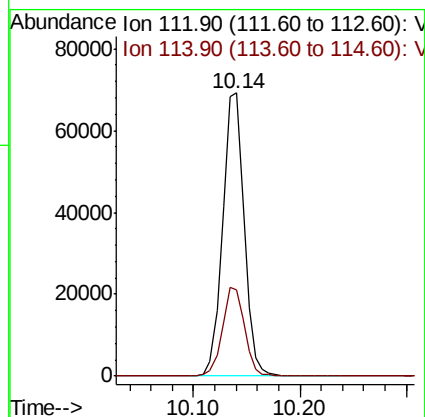
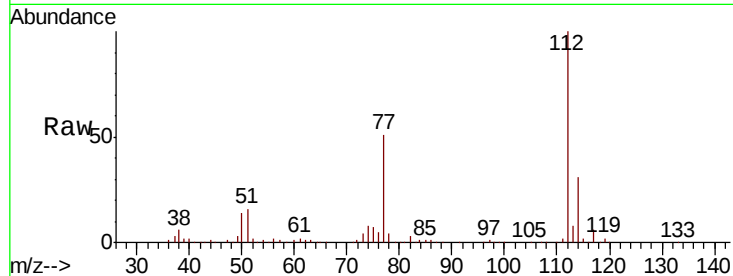




#65
Chlorobenzene
Concen: 10.483 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

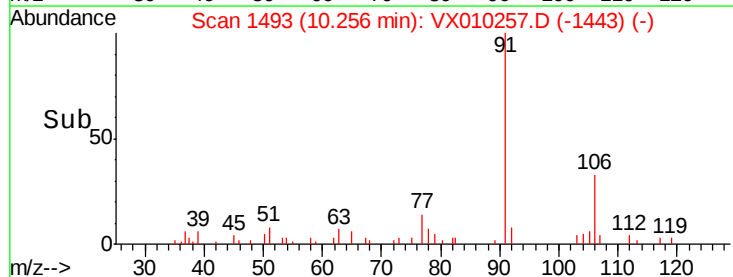
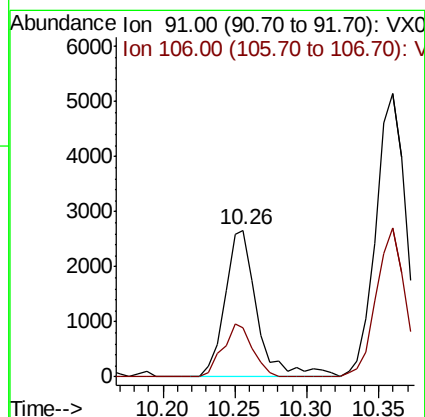
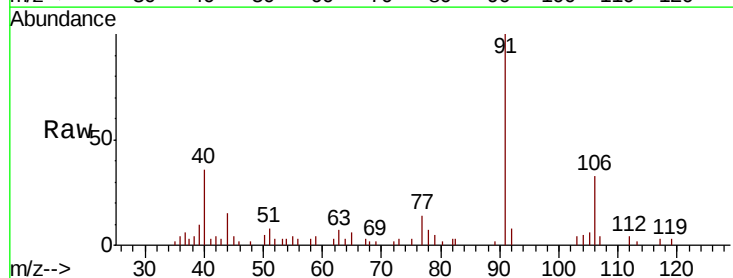
Instrument :
MSVOA_X
ClientSampleId :

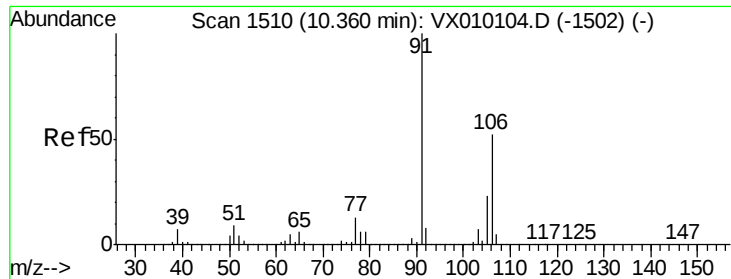
Tot Ion:112 Resp: 98021
Ion Ratio Lower Upper
112 100
114 30.5 25.8 38.8



#67
Ethyl Benzene
Concen: 0.262 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Tgt Ion: 91 Resp: 4165
Ion Ratio Lower Upper
91 100
106 33.4 23.9 35.9

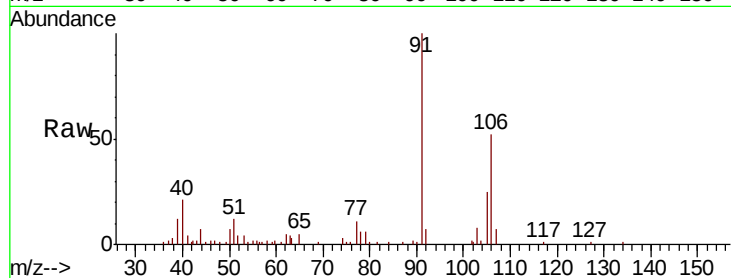




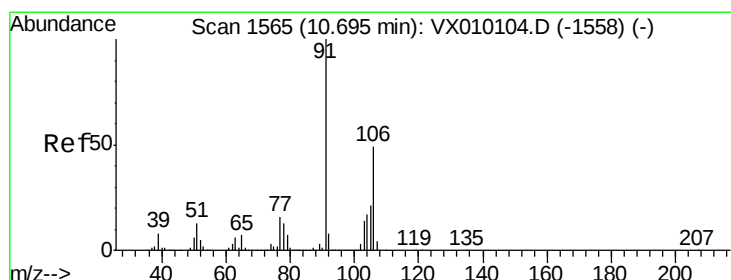
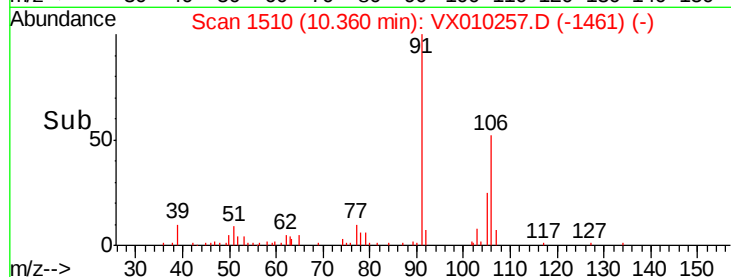
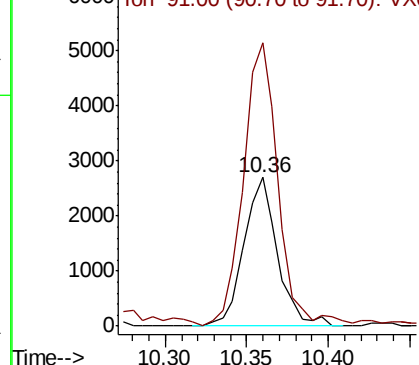
#68
m/p-Xylenes
Concen: 0.629 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 3872
Ion Ratio Lower Upper
106 100
91 196.8 167.3 250.9

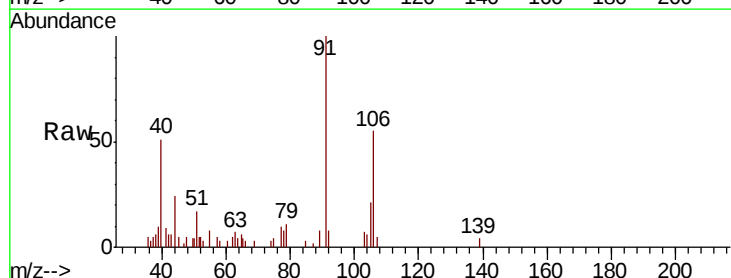


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

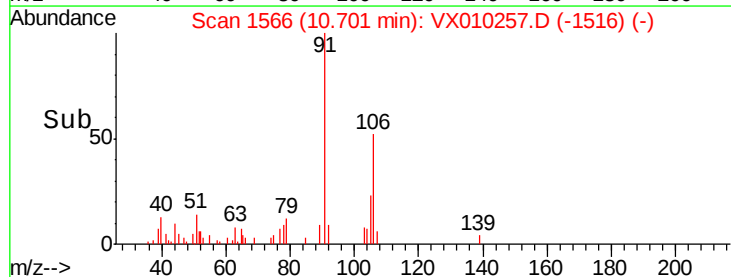
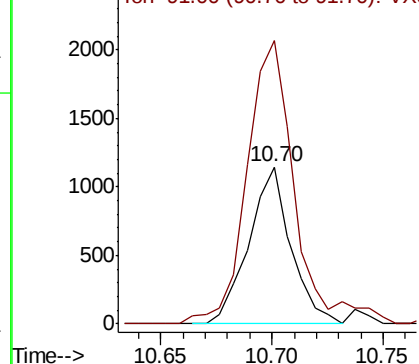


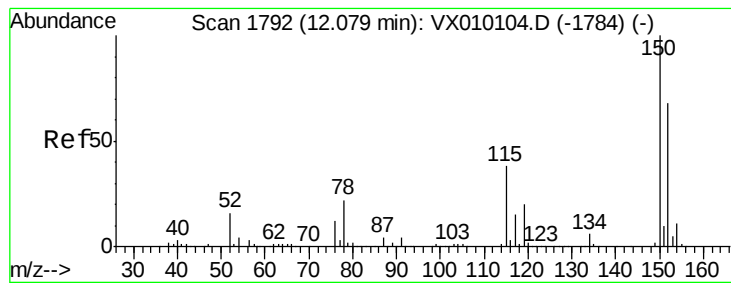
#69
o-Xylene
Concen: 0.247 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010257.D
Acq: 12 Jun 2019 17:44

Tgt Ion:106 Resp: 1510
Ion Ratio Lower Upper
106 100
91 205.0 110.4 331.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX010257.D

Acq: 12 Jun 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

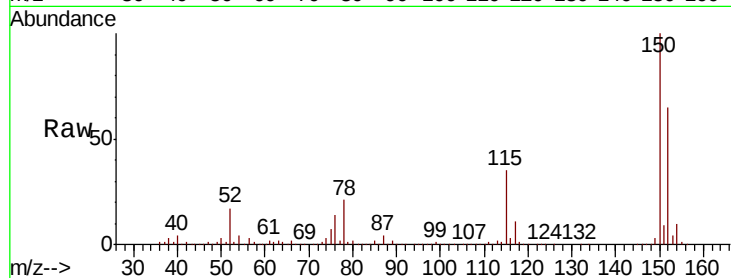
Tot Ion:152 Resp: 216459

Ion Ratio Lower Upper

152 100

115 53.4 41.4 124.2

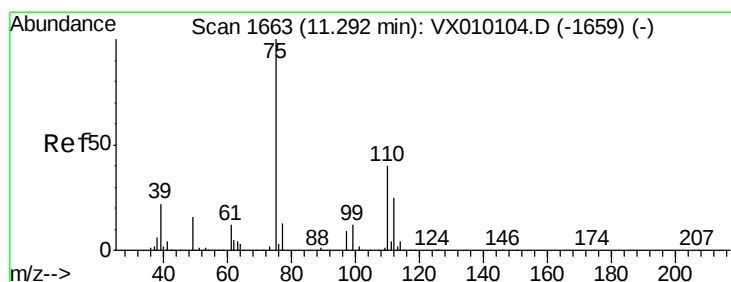
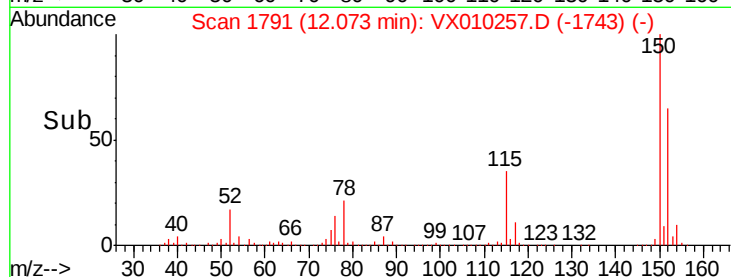
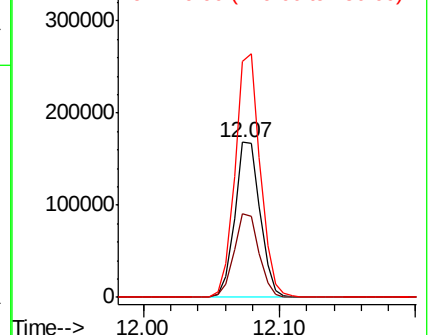
150 156.4 0.0 345.2



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: 21.400 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010257.D

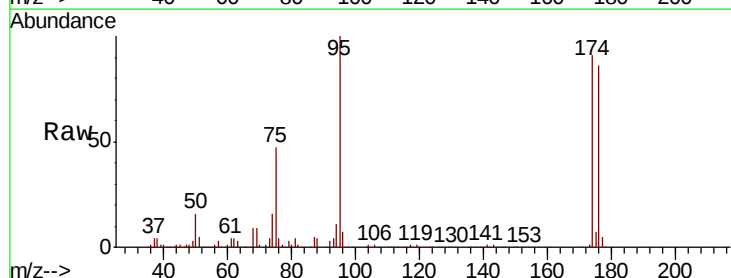
Acq: 12 Jun 2019 17:44

Tgt Ion: 75 Resp: 92653

Ion Ratio Lower Upper

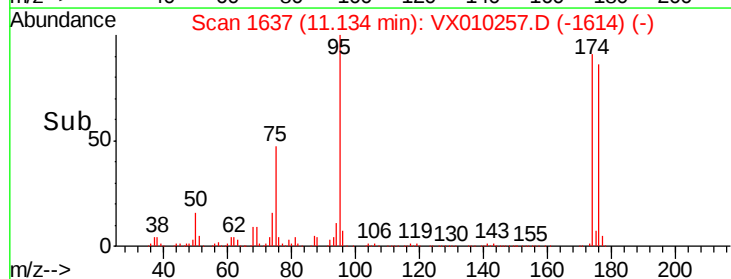
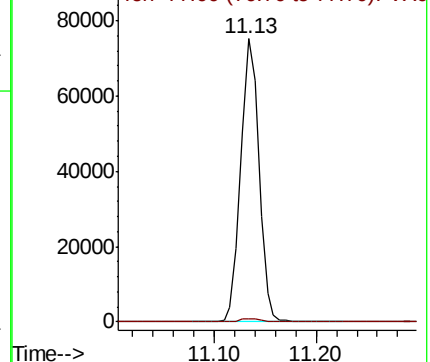
75 100

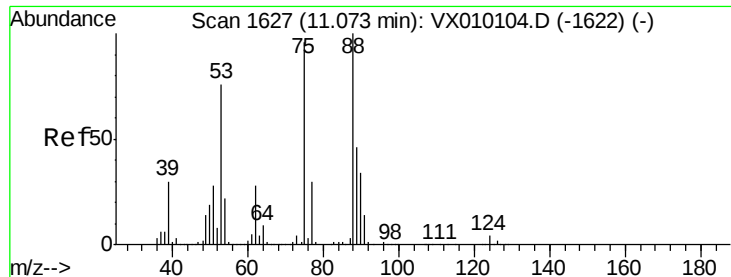
77 1.4 22.1 66.1#



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: 47.282 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010257.D

Acq: 12 Jun 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

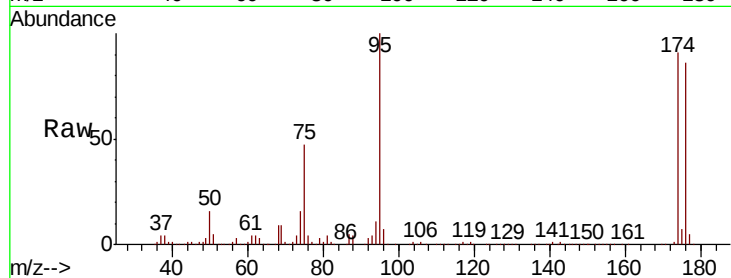
Tot Ion: 75 Resp: 92653

Ion Ratio Lower Upper

75 100

53 0.2 79.8 119.6#

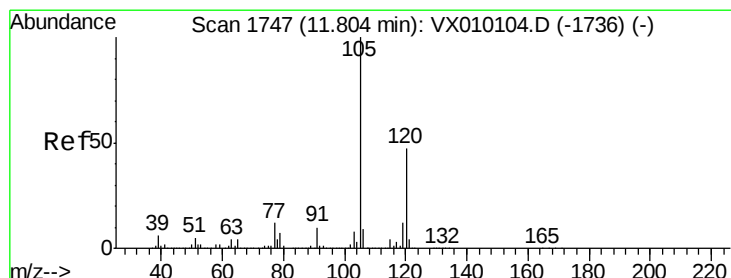
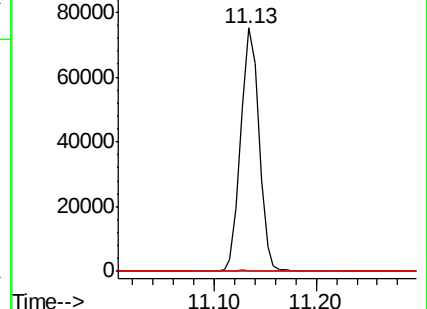
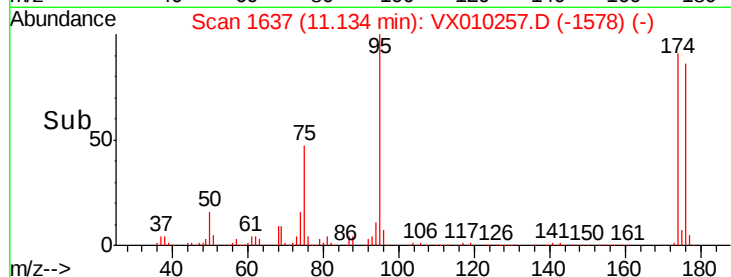
89 0.2 34.2 51.4#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.317 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010257.D

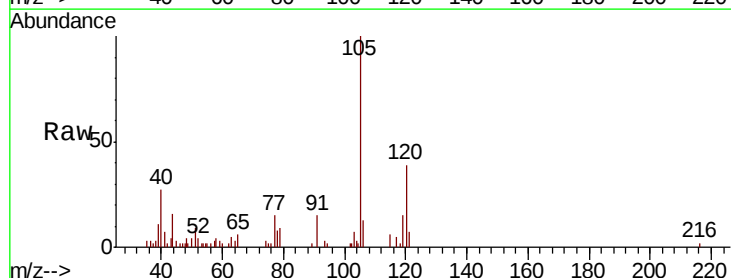
Acq: 12 Jun 2019 17:44

Tgt Ion: 105 Resp: 4072

Ion Ratio Lower Upper

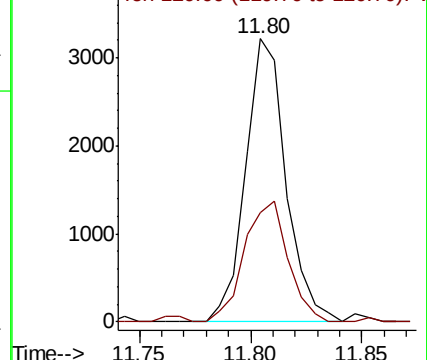
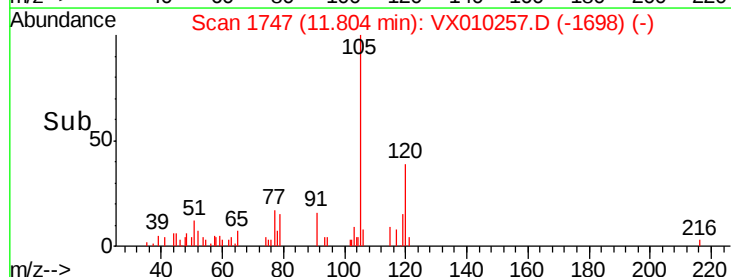
105 100

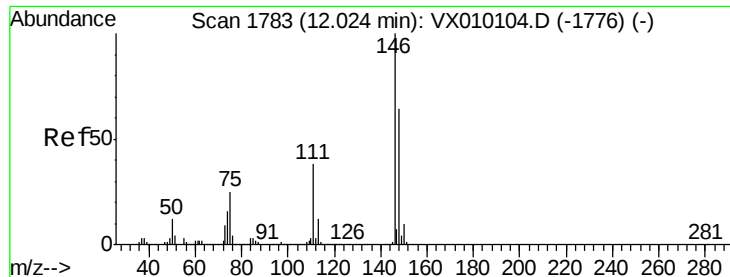
120 46.1 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

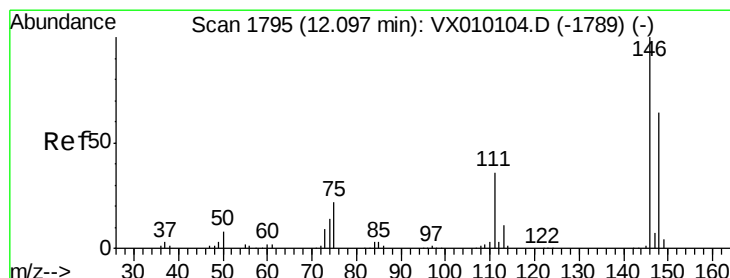
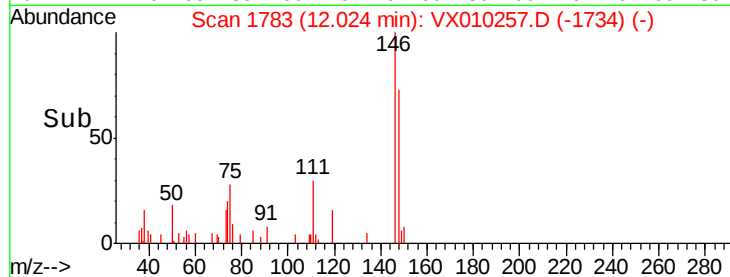
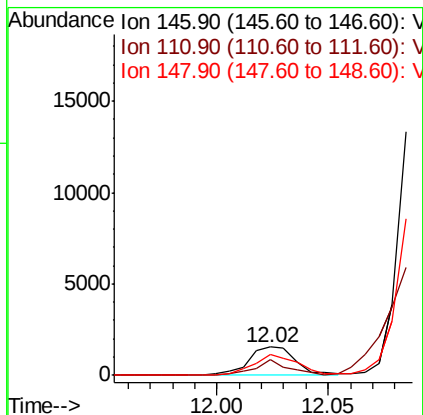
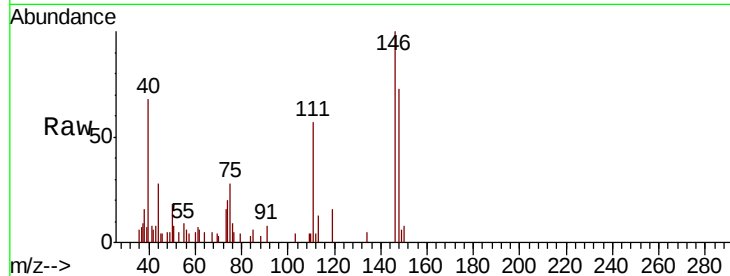




#87
 1,3-Dichlorobenzene
 Concen: 0.310 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010257.D
 Acq: 12 Jun 2019 17:44

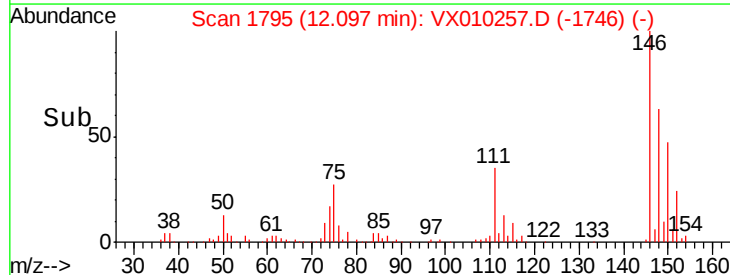
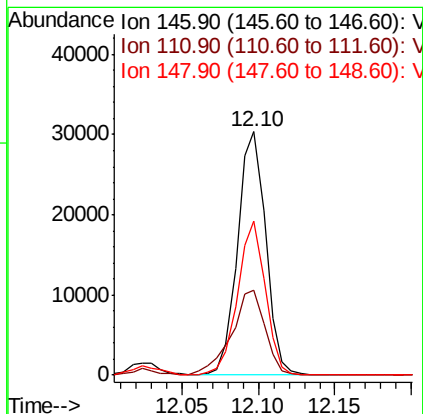
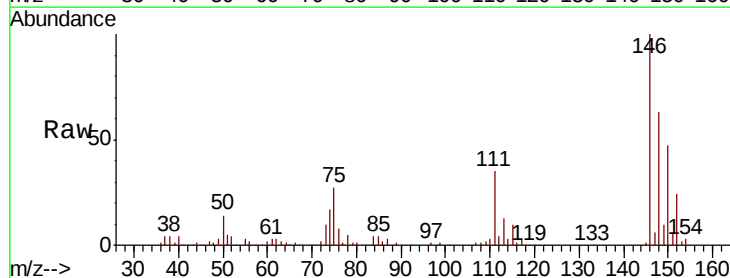
Instrument :
 MSVOA_X
 ClientSampleId :

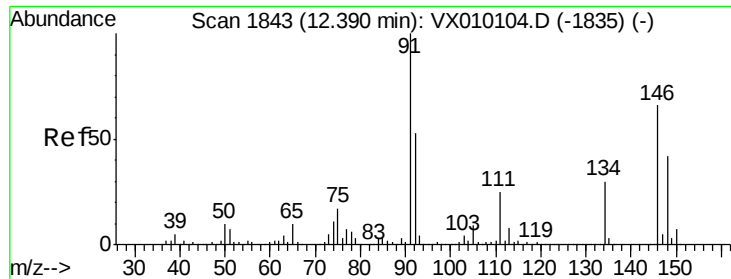
Tot Ion:146 Resp: 2272
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.1 60.2
 148 69.3 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 5.253 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010257.D
 Acq: 12 Jun 2019 17:44

Tgt Ion:146 Resp: 38760
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.0 59.9
 148 62.7 32.3 96.9





#91

1,2-Dichlorobenzene

Concen: 3.626 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010257.D

Acq: 12 Jun 2019 17:44

Instrument :

MSVOA_X

ClientSampled :

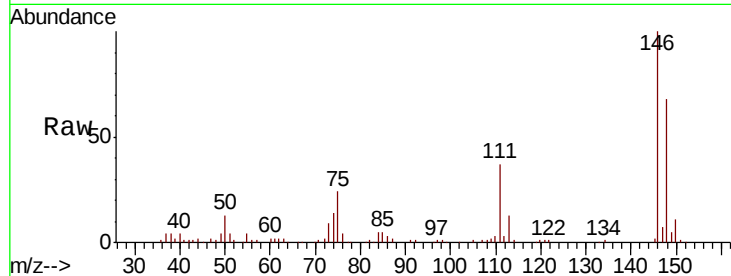
Tot Ion:146 Resp: 25803

Ion Ratio Lower Upper

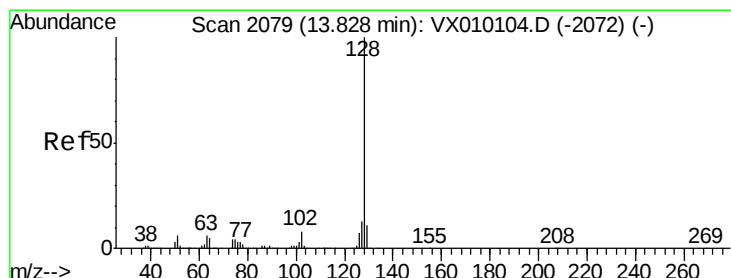
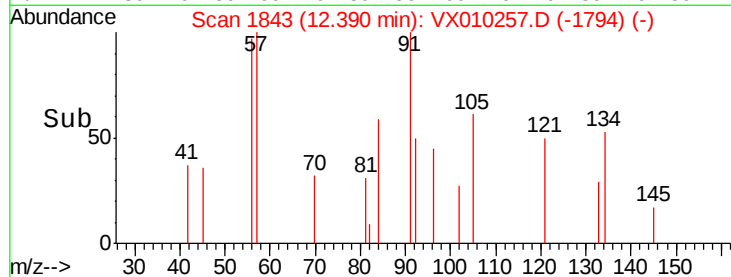
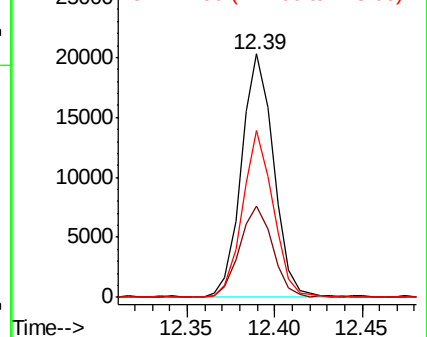
146 100

111 39.3 21.1 63.1

148 65.7 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#95

Naphthalene

Concen: 0.484 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX010257.D

Acq: 12 Jun 2019 17:44

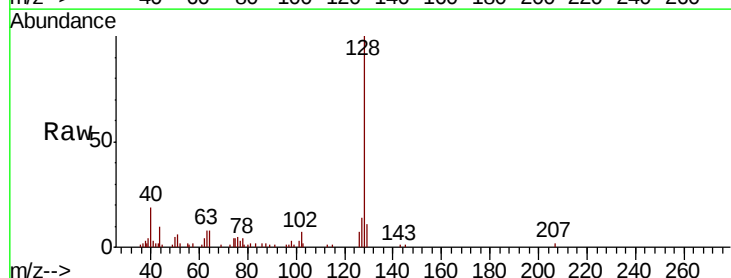
Tgt Ion:128 Resp: 7943

Ion Ratio Lower Upper

128 100

127 14.7 10.6 16.0

129 13.6 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

