

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061119\
 Data File : VX010222.D
 Acq On : 11 Jun 2019 11:11
 Operator : JC/SP
 Sample : VX0611WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Quant Time: Jun 12 07:46:50 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	251070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	374102	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	339686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178560	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	113010	46.11	ug/l	0.00
Spiked Amount			Recovery	=	92.22%	
35) Dibromofluoromethane	5.50	113	114915	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
50) Toluene-d8	8.71	98	431692	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.13	95	155026	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	46610	20.176	ug/l	99
3) Chloromethane	1.33	50	46093	20.090	ug/l	99
4) Vinyl Chloride	1.41	62	47020	21.806	ug/l	97
5) Bromomethane	1.64	94	24107	29.626	ug/l	93
6) Chloroethane	1.72	64	27892	25.656	ug/l	95
7) Trichlorofluoromethane	1.93	101	72363	22.592	ug/l	100
8) Diethyl Ether	2.19	74	25827	23.394	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.39	101	42104	19.070	ug/l	93
10) Methyl Iodide	2.51	142	65532	19.156	ug/l	96
11) Tert butyl alcohol	3.04	59	61918	103.135	ug/l	100
12) 1,1-Dichloroethene	2.37	96	42320	18.766	ug/l #	79
13) Acrolein	2.29	56	11552	105.527	ug/l	96
14) Allyl chloride	2.73	41	61661	18.114	ug/l #	89
15) Acrylonitrile	3.14	53	120889	98.514	ug/l	99
16) Acetone	2.44	43	112734	97.802	ug/l #	88
17) Carbon Disulfide	2.57	76	113667	17.444	ug/l	100
18) Methyl Acetate	2.78	43	48709	19.215	ug/l #	83
19) Methyl tert-butyl Ether	3.20	73	134609	18.579	ug/l	92
20) Methylene Chloride	2.85	84	46658	18.431	ug/l #	79
21) trans-1,2-Dichloroethene	3.17	96	45038	18.046	ug/l #	77
22) Diisopropyl ether	3.85	45	124361	19.108	ug/l #	95
23) Vinyl Acetate	3.81	43	555192	95.620	ug/l #	87
24) 1,1-Dichloroethane	3.70	63	73496	18.599	ug/l	95
25) 2-Butanone	4.67	43	170467	99.314	ug/l #	84
26) 2,2-Dichloropropane	4.58	77	65733	18.234	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	53438	19.247	ug/l	76
28) Bromochloromethane	5.02	49	33242	18.770	ug/l #	47
29) Tetrahydrofuran	5.13	42	105706	97.993	ug/l #	75
30) Chloroform	5.21	83	77203	18.812	ug/l	98
31) Cyclohexane	5.58	56	67080	18.809	ug/l #	79
32) 1,1,1-Trichloroethane	5.49	97	70160	18.185	ug/l	94
36) 1,1-Dichloropropene	5.80	75	55725	18.258	ug/l	91
37) Ethyl Acetate	4.83	43	62198	19.586	ug/l #	90
38) Carbon Tetrachloride	5.79	117	63838	18.479	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76690	18.453	ug/l #	81
40) Benzene	6.14	78	182639	19.352	ug/l	100
41) Methacrylonitrile	5.04	41	32479	18.907	ug/l #	83
42) 1,2-Dichloroethane	6.20	62	55849	18.536	ug/l	92
43) Isopropyl Acetate	6.45	43	100578	18.943	ug/l #	89
44) Trichloroethene	7.21	130	58336	20.506	ug/l	90
45) 1,2-Dichloropropane	7.51	63	45477	19.252	ug/l	98
46) Dibromomethane	7.66	93	32783	18.525	ug/l	90
47) Bromodichloromethane	7.90	83	61237	18.518	ug/l #	96
48) Methyl methacrylate	7.77	41	47074	18.957	ug/l #	76
49) 1,4-Dioxane	7.74	88	28813	406.977	ug/l #	78
51) 4-Methyl-2-Pentanone	8.64	43	322990	101.826	ug/l	89
52) Toluene	8.79	92	121246	19.544	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	67854	17.740	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	75958	18.524	ug/l #	87
55) 1,1,2-Trichloroethane	9.21	97	50029	19.691	ug/l	95
56) Ethyl methacrylate	9.18	69	76381	19.031	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	76892	19.223	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	187633	99.169	ug/l #	85
59) 2-Hexanone	9.49	43	258819	102.339	ug/l	87
60) Dibromochloromethane	9.58	129	56063	18.655	ug/l	99
61) 1,2-Dibromoethane	9.67	107	53778	19.005	ug/l	99
64) Tetrachloroethene	9.34	164	49204	19.503	ug/l	98
65) Chlorobenzene	10.13	112	135555	19.335	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	51260	19.013	ug/l	100
67) Ethyl Benzene	10.25	91	228796	19.170	ug/l	95
68) m/p-Xylenes	10.36	106	181825	39.369	ug/l	88
69) o-Xylene	10.69	106	90241	19.656	ug/l	87
70) Styrene	10.71	104	149161	19.183	ug/l	95
71) Bromoform	10.85	173	46029	18.571	ug/l #	97
73) Isopropylbenzene	11.02	105	232596	18.660	ug/l	94
74) N-amyl acetate	10.90	43	92532	18.780	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	79490	18.630	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	86813	24.307	ug/l	84
77) Bromobenzene	11.26	156	65511	19.112	ug/l	78
78) n-propylbenzene	11.36	91	256724	18.500	ug/l	94
79) 2-Chlorotoluene	11.42	91	151509	18.179	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	195734	18.644	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	27084	16.755	ug/l	86
82) 4-Chlorotoluene	11.51	91	173760	18.353	ug/l	90
83) tert-Butylbenzene	11.77	119	198127	18.645	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	195238	18.411	ug/l	95
85) sec-Butylbenzene	11.94	105	230359	18.608	ug/l	95
86) p-Isopropyltoluene	12.06	119	213608	18.874	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	114921	19.034	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	115374	18.956	ug/l	98
89) n-Butylbenzene	12.38	91	179961	18.473	ug/l	97
90) Hexachloroethane	12.59	117	38889	17.250	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	116090	19.778	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17689	17.618	ug/l	65

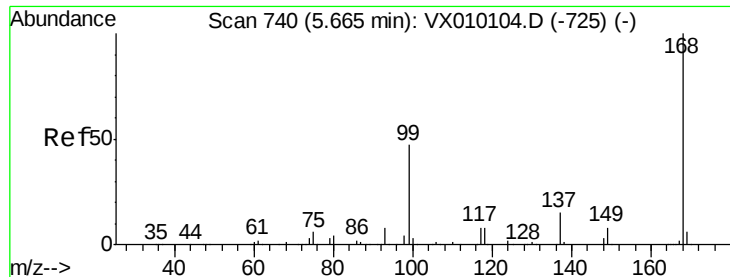
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061119\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	80766	18.798	ug/l	99
94) Hexachlorobutadiene	13.78	225	38626	20.214	ug/l	99
95) Naphthalene	13.83	128	255253	18.872	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	80321	18.907	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

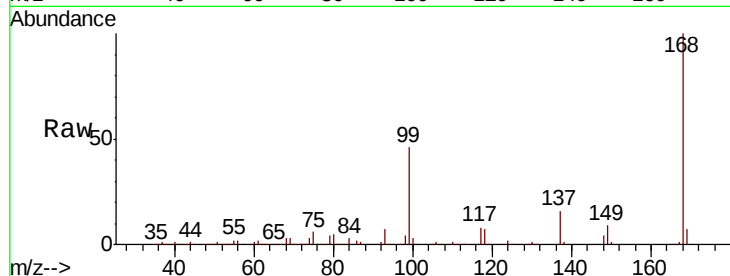
VX0611WBS01

Tot Ion:168 Resp: 251070

Ion Ratio Lower Upper

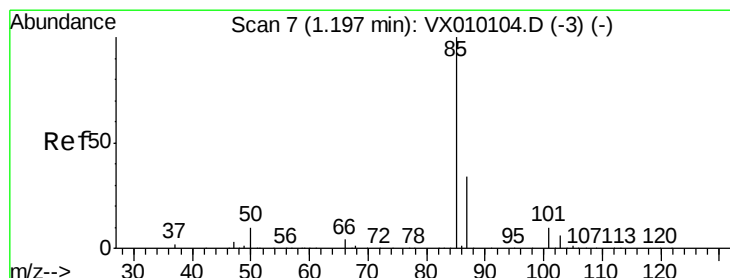
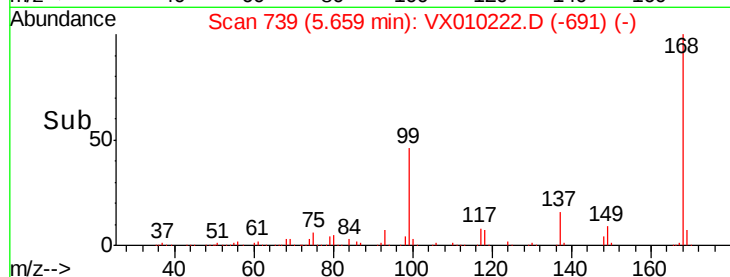
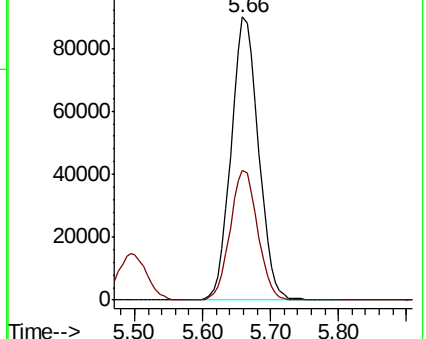
168 100

99 45.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.176 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010222.D

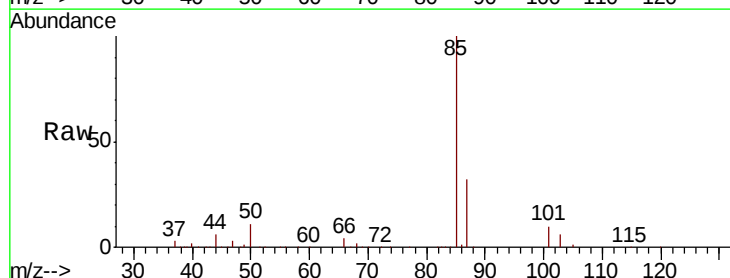
Acq: 11 Jun 2019 11:11

Tgt Ion: 85 Resp: 46610

Ion Ratio Lower Upper

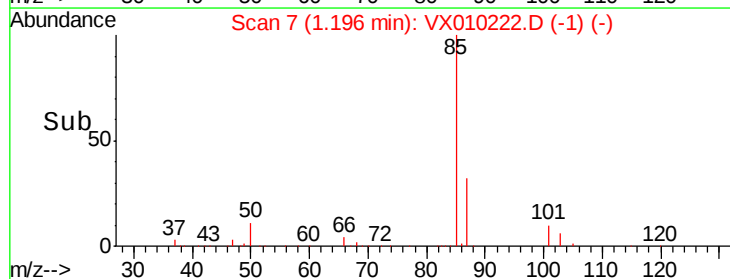
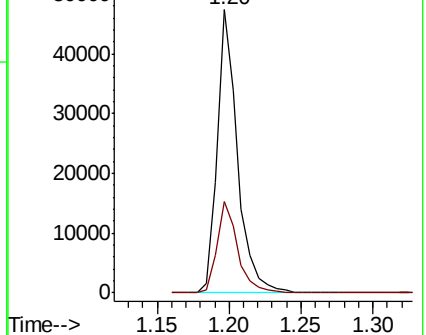
85 100

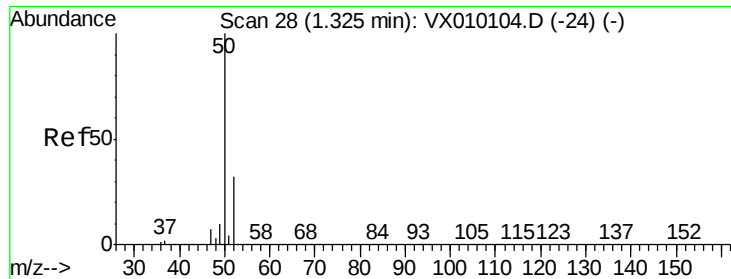
87 32.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.090 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

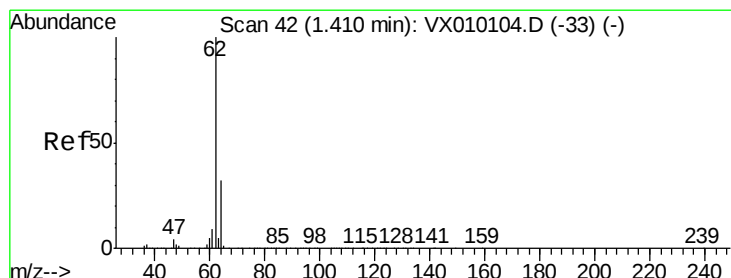
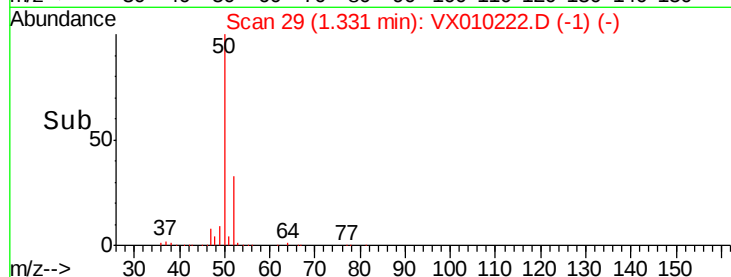
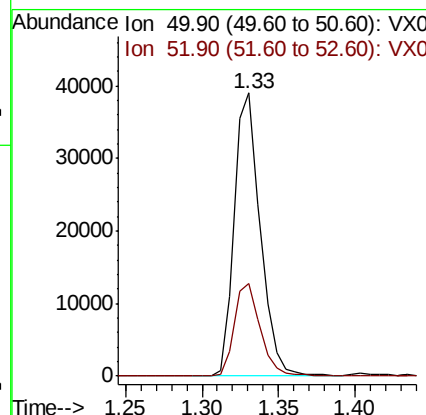
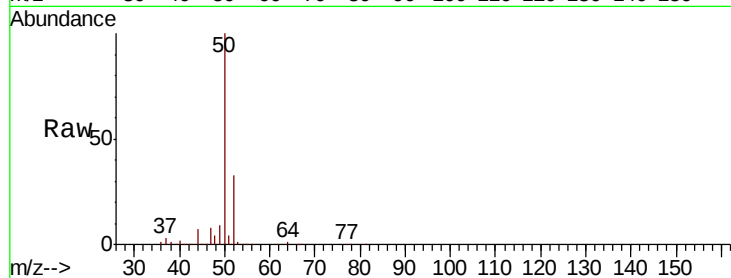
VX0611WBS01

Tot Ion: 50 Resp: 46093

Ion Ratio Lower Upper

50 100

52 32.9 26.0 39.0



#4

Vinyl Chloride

Concen: 21.806 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010222.D

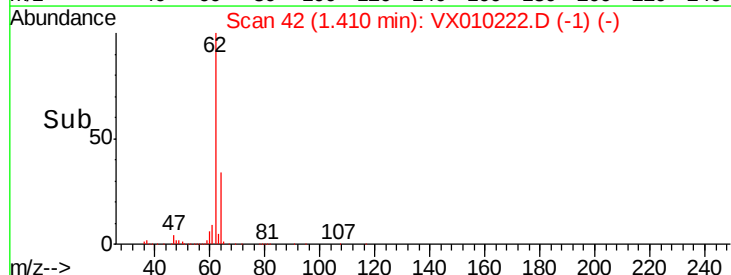
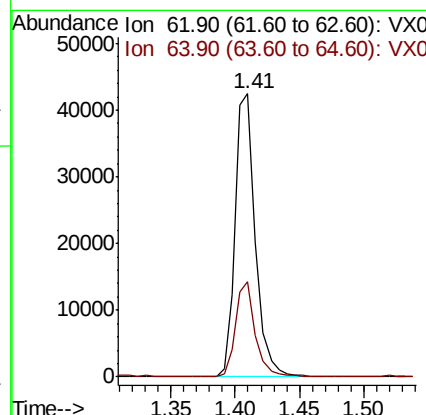
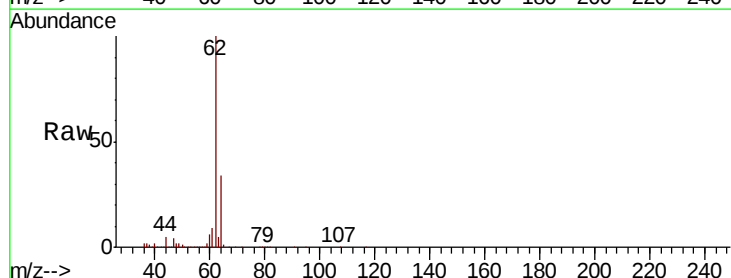
Acq: 11 Jun 2019 11:11

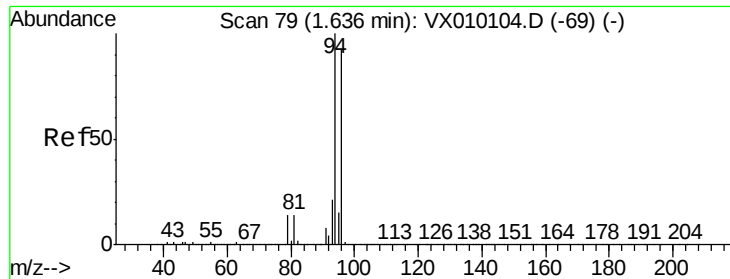
Tgt Ion: 62 Resp: 47020

Ion Ratio Lower Upper

62 100

64 33.6 25.7 38.5





#5

Bromomethane

Concen: 29.626 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

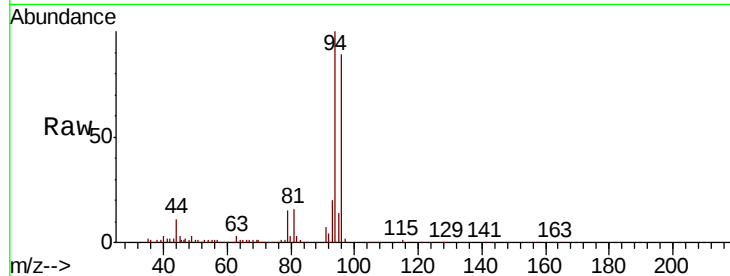
VX0611WBS01

Tot Ion: 94 Resp: 24107

Ion Ratio Lower Upper

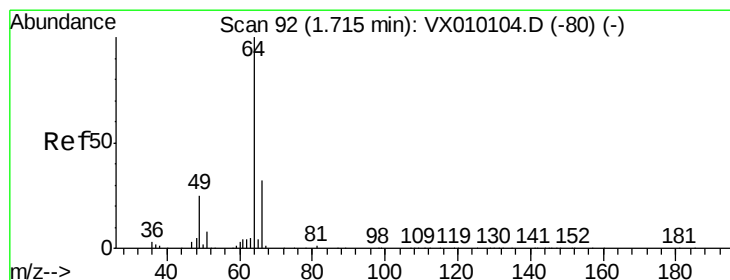
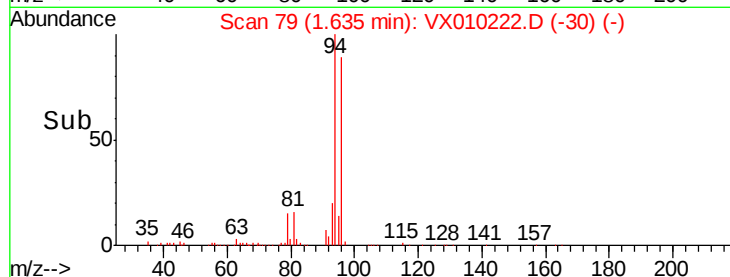
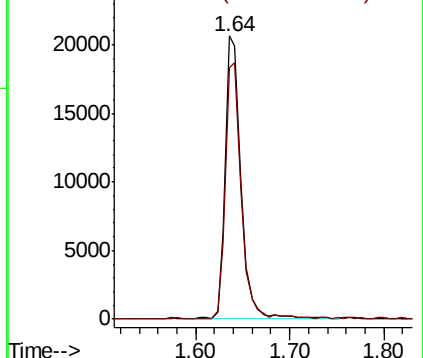
94 100

96 88.4 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 25.656 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010222.D

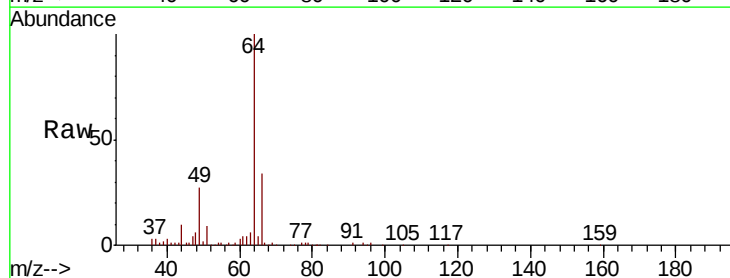
Acq: 11 Jun 2019 11:11

Tgt Ion: 64 Resp: 27892

Ion Ratio Lower Upper

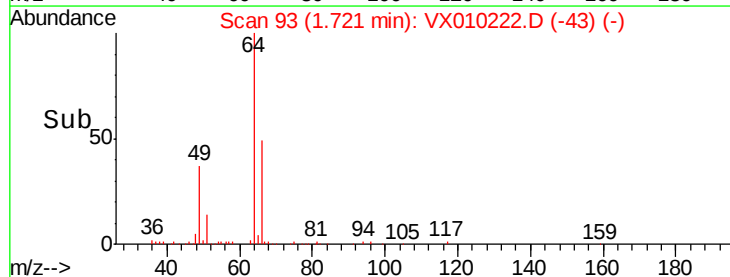
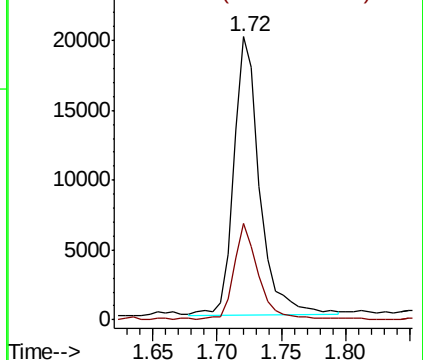
64 100

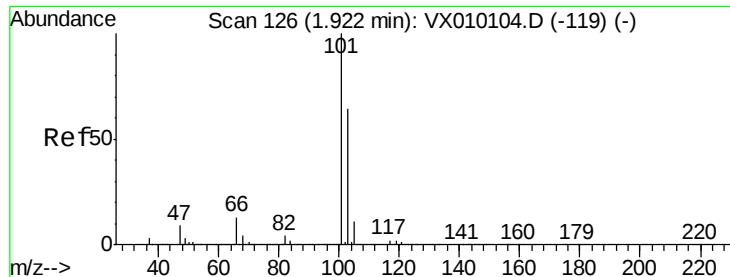
66 34.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



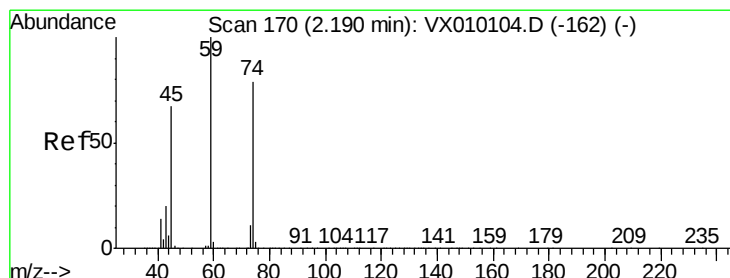
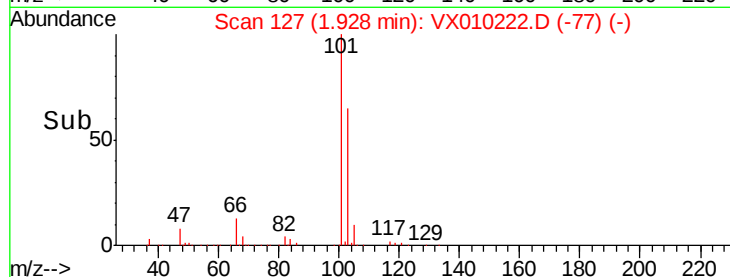
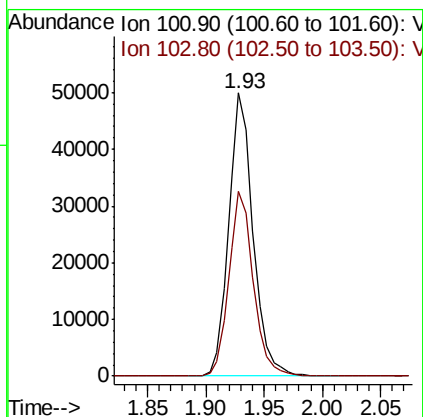
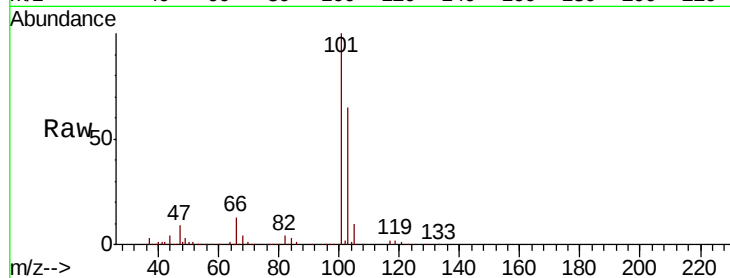


#7

Trichlorofluoromethane
Concen: 22.592 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

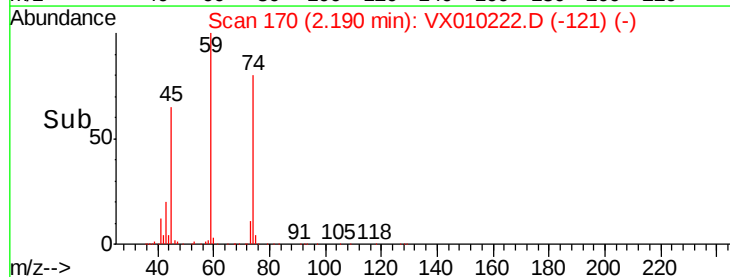
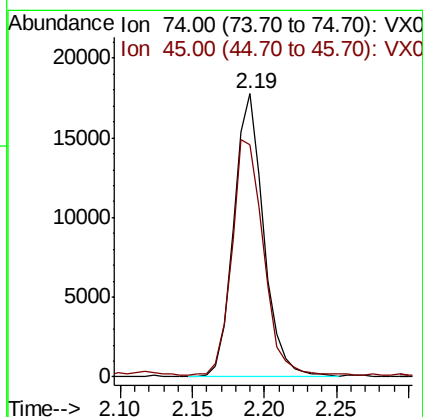
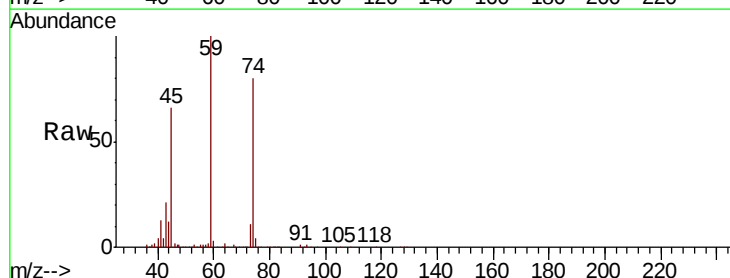
Tot Ion:101 Resp: 72363
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4

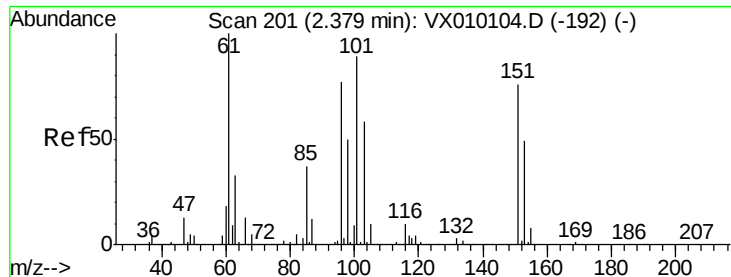


#8

Diethyl Ether
Concen: 23.394 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion: 74 Resp: 25827
Ion Ratio Lower Upper
74 100
45 88.0 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.070 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

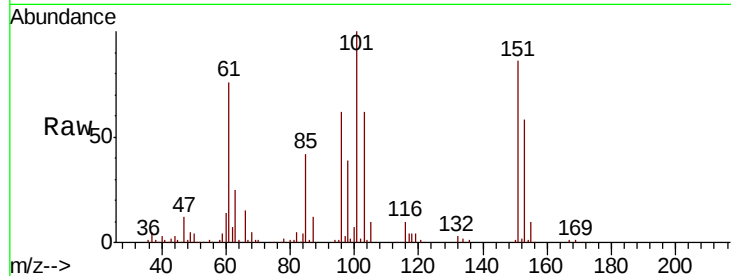
Tot Ion:101 Resp: 42104

Ion Ratio Lower Upper

101 100

85 42.7 35.2 52.8

151 86.3 61.9 92.9

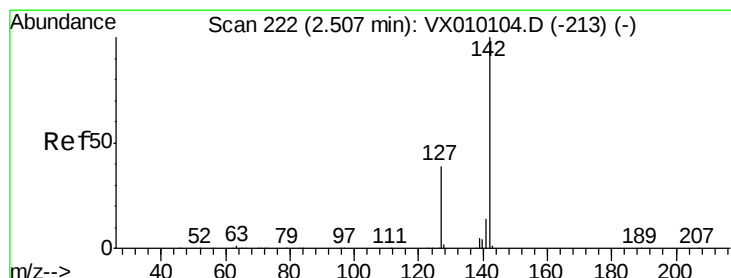
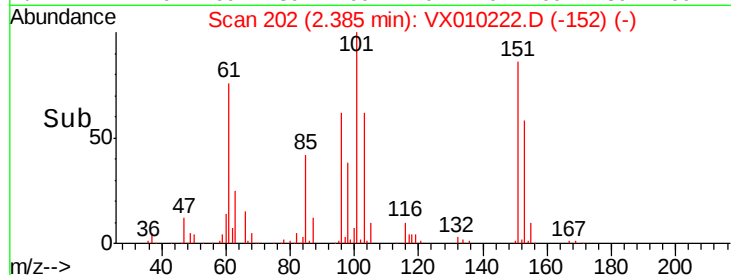
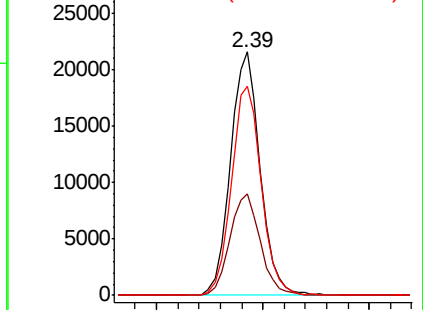


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.156 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

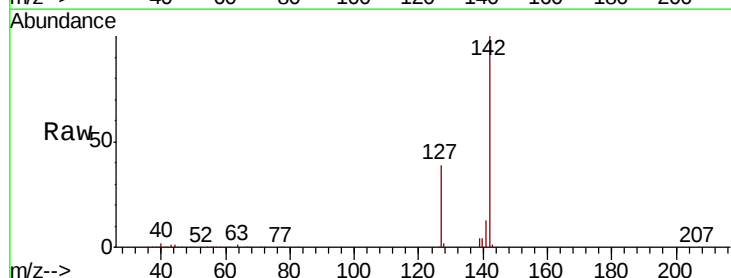
Tgt Ion:142 Resp: 65532

Ion Ratio Lower Upper

142 100

127 38.2 33.0 49.4

141 14.0 11.4 17.0

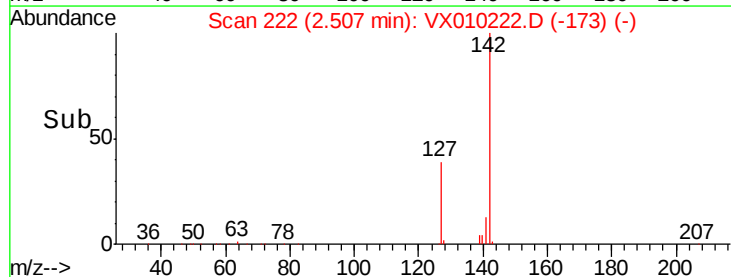
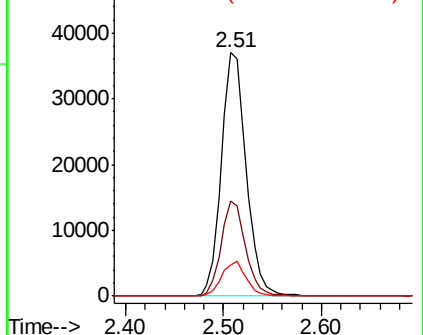


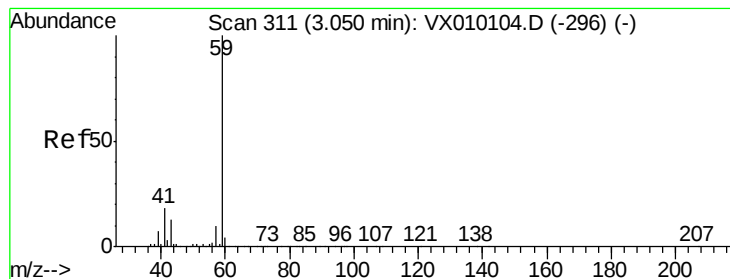
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



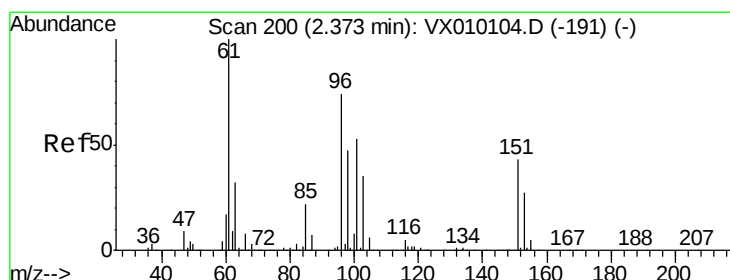
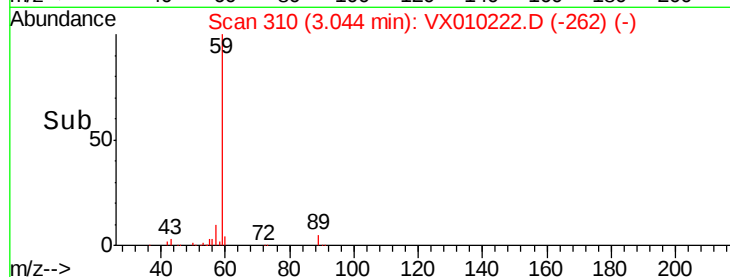
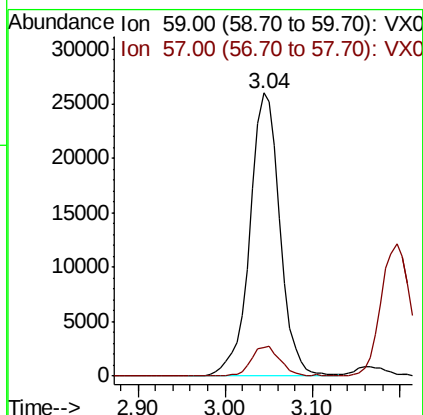
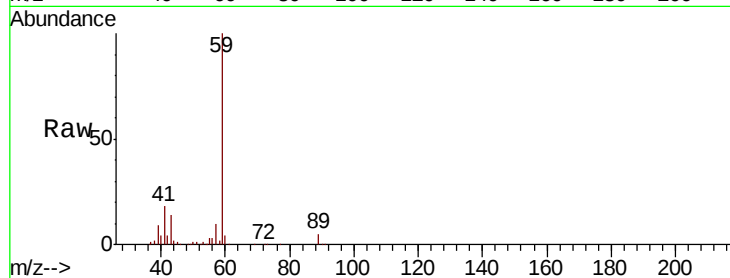


#11

Tert butyl alcohol
 Concen: 103.135 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

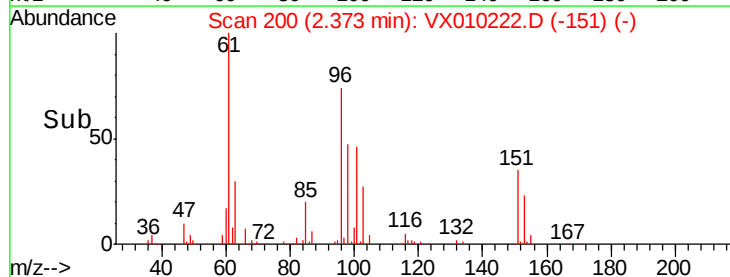
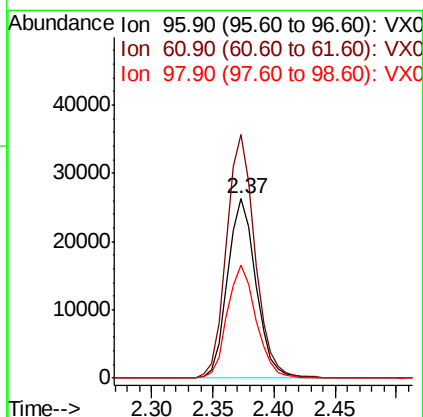
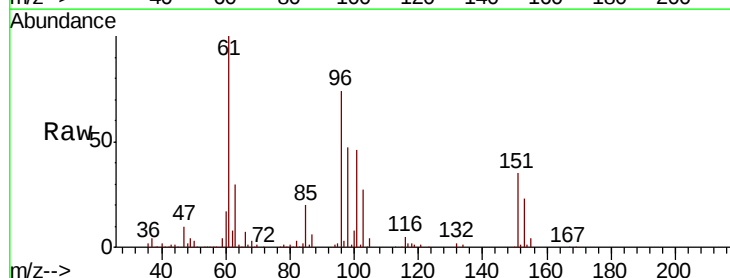
Tot Ion: 59 Resp: 61918
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

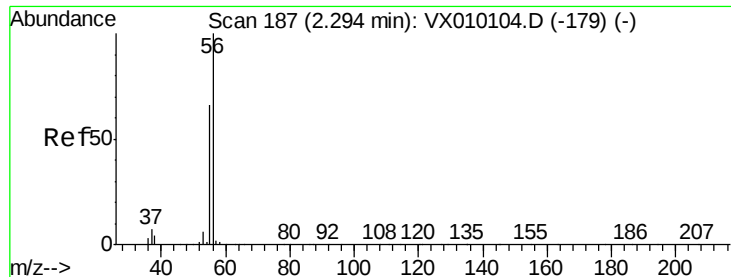


#12

1,1-Dichloroethene
 Concen: 18.766 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

Tgt Ion: 96 Resp: 42320
 Ion Ratio Lower Upper
 96 100
 61 135.9 140.7 211.1#
 98 63.2 50.1 75.1





#13

Acrolein

Concen: 105.527 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

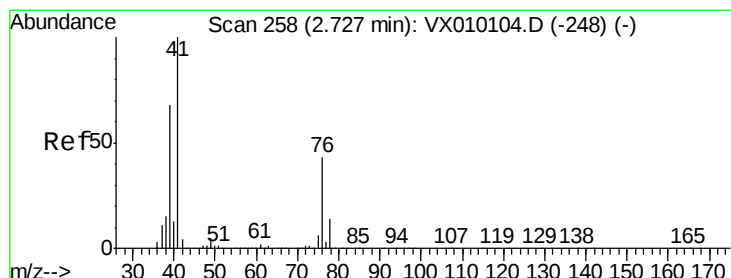
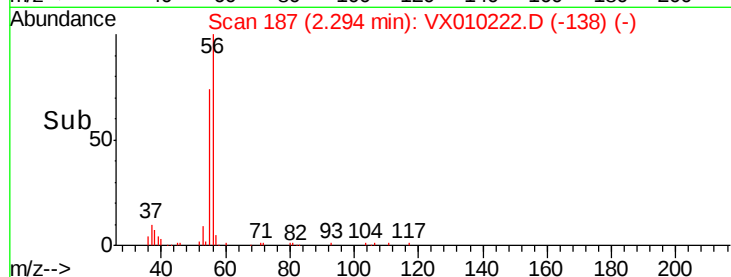
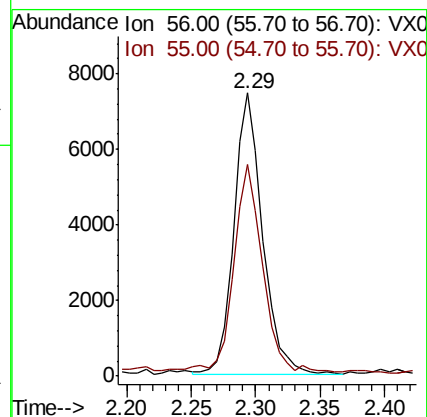
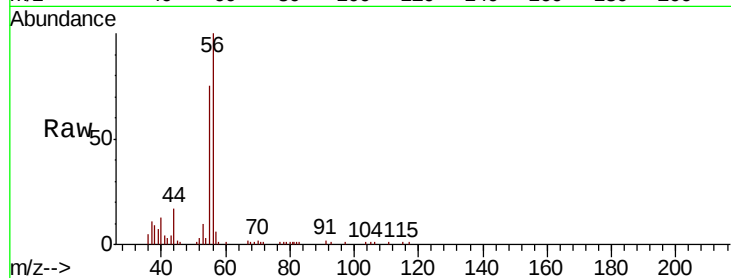
VX0611WBS01

Tot Ion: 56 Resp: 11552

Ion Ratio Lower Upper

56 100

55 74.4 57.0 85.4



#14

Allyl chloride

Concen: 18.114 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

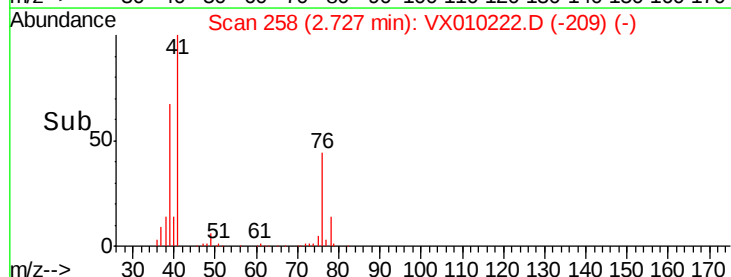
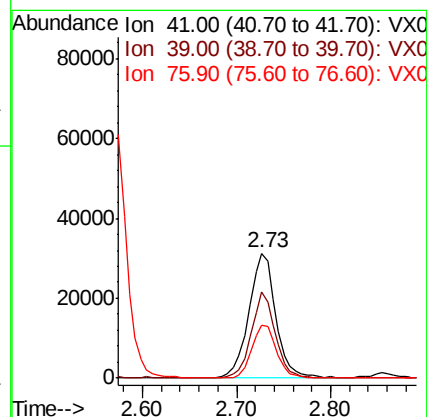
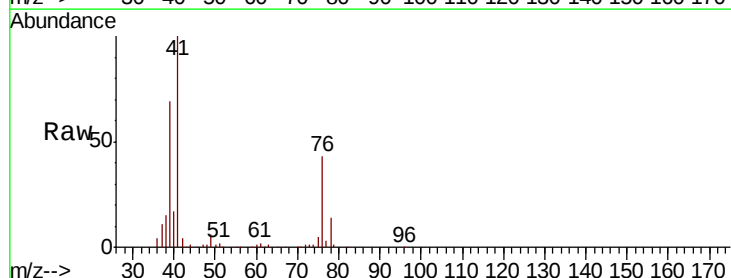
Tgt Ion: 41 Resp: 61661

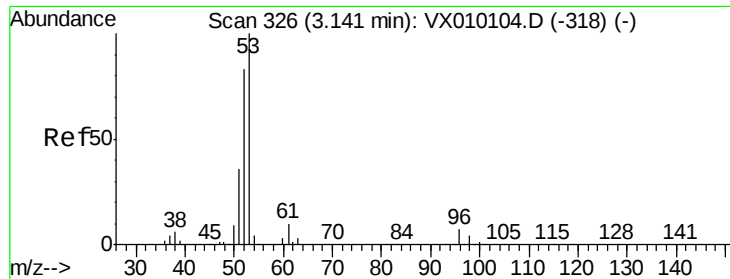
Ion Ratio Lower Upper

41 100

39 61.5 46.7 70.1

76 39.9 21.0 31.4#





#15

Acrylonitrile

Concen: 98.514 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampled :

VX0611WBS01

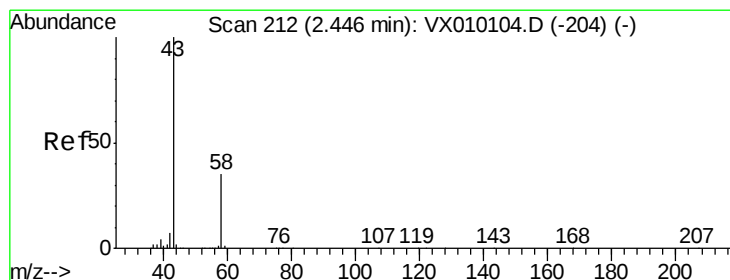
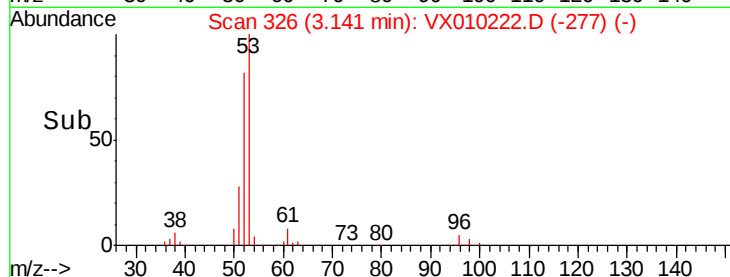
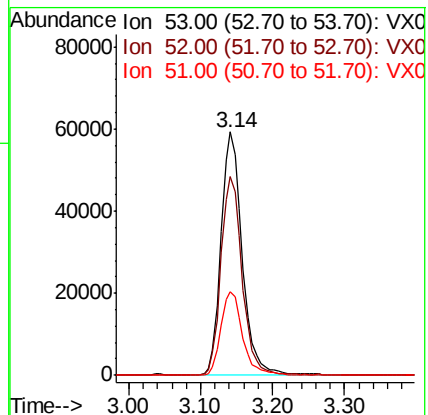
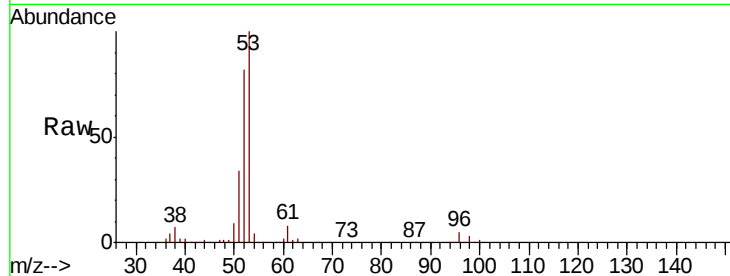
Tot Ion: 53 Resp: 120889

Ion Ratio Lower Upper

53 100

52 81.9 66.7 100.1

51 35.9 28.8 43.2



#16

Acetone

Concen: 97.802 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010222.D

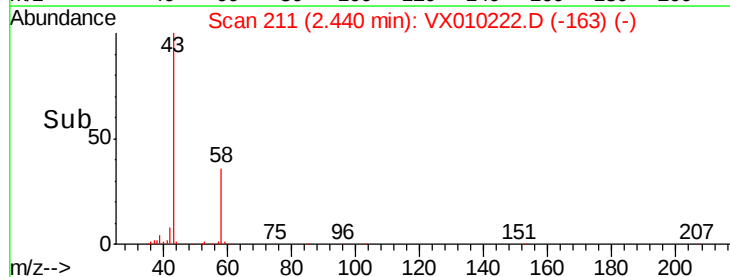
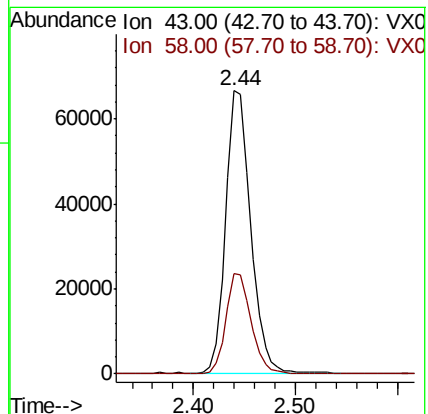
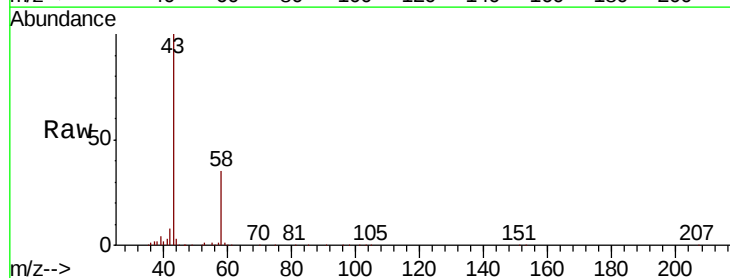
Acq: 11 Jun 2019 11:11

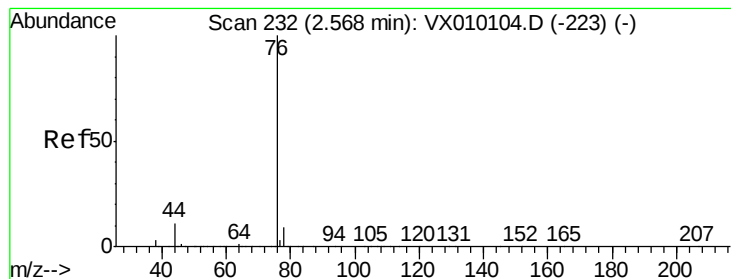
Tgt Ion: 43 Resp: 112734

Ion Ratio Lower Upper

43 100

58 35.4 23.2 34.8#





#17

Carbon Disulfide

Concen: 17.444 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

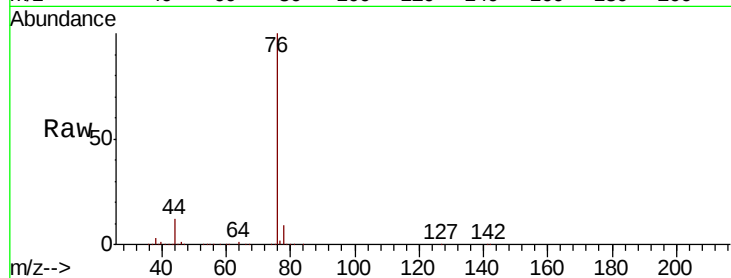
VX0611WBS01

Tot Ion: 76 Resp: 113667

Ion Ratio Lower Upper

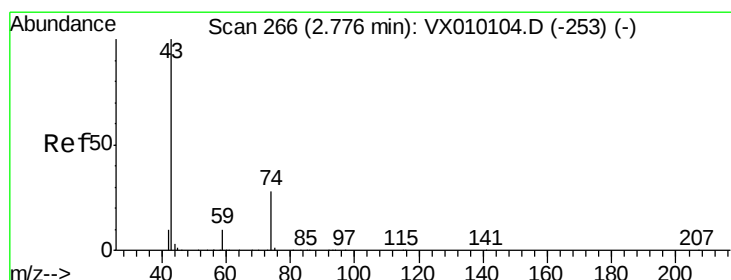
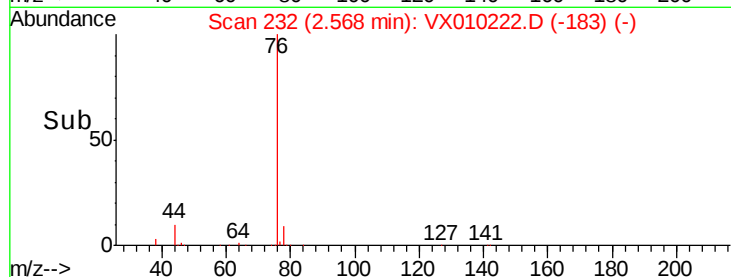
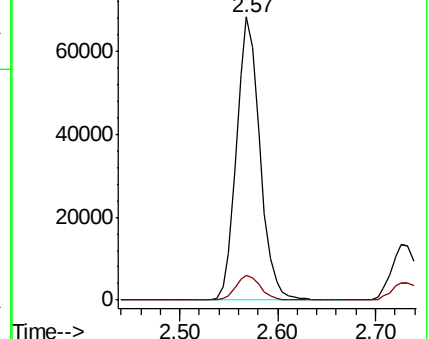
76 100

78 8.9 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.215 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010222.D

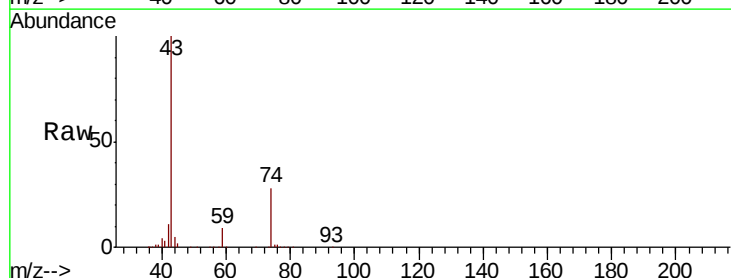
Acq: 11 Jun 2019 11:11

Tgt Ion: 43 Resp: 48709

Ion Ratio Lower Upper

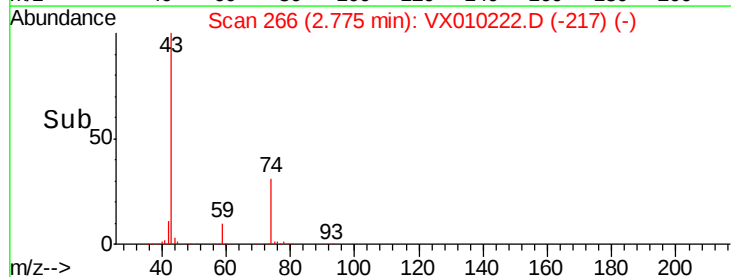
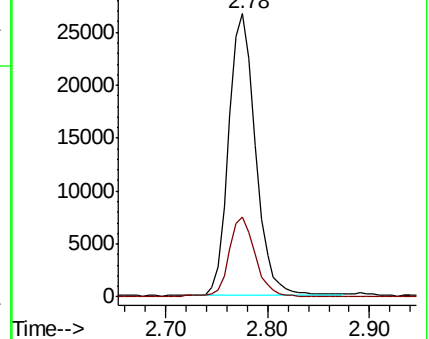
43 100

74 27.6 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

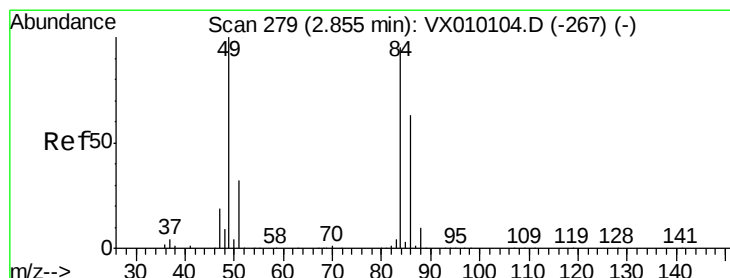
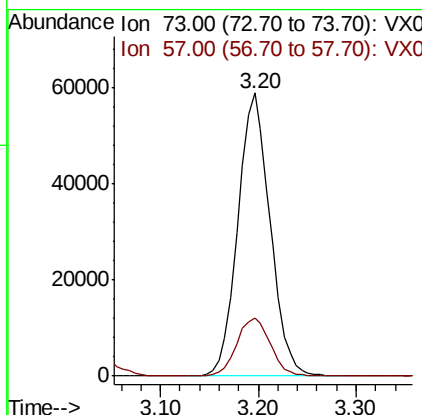
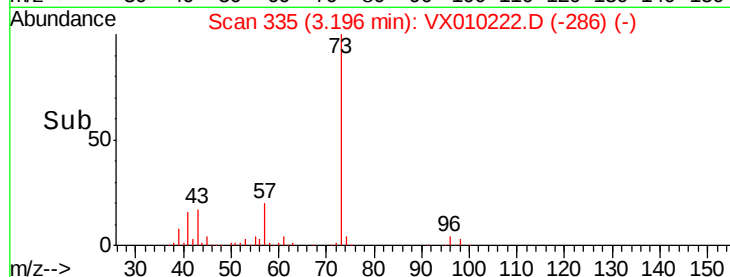
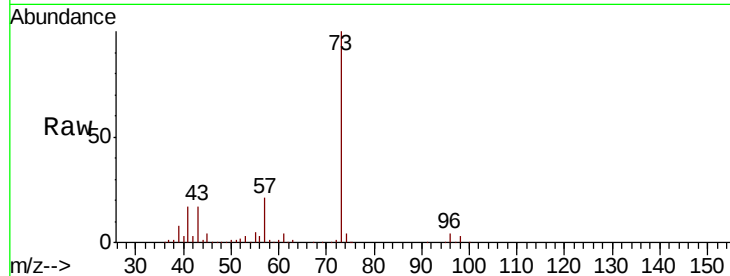




#19
Methyl tert-butyl Ether
Concen: 18.579 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

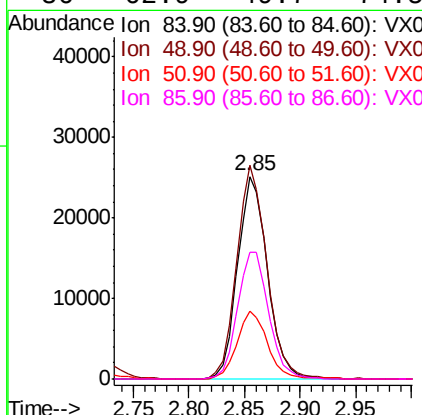
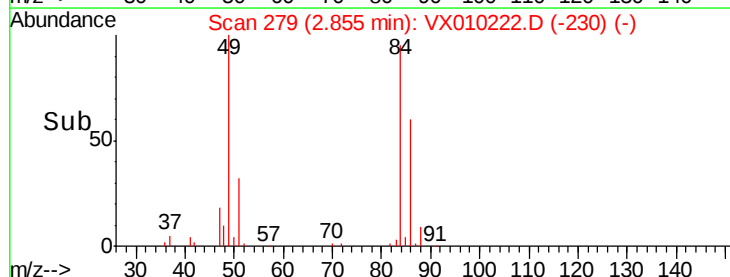
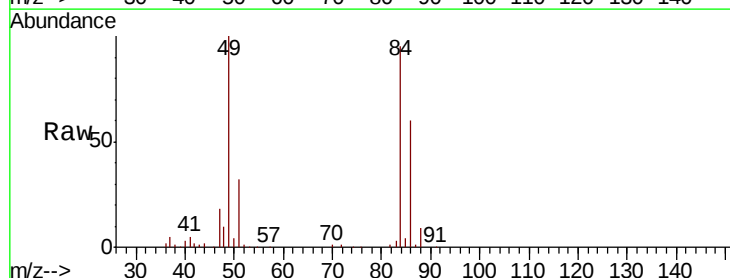
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

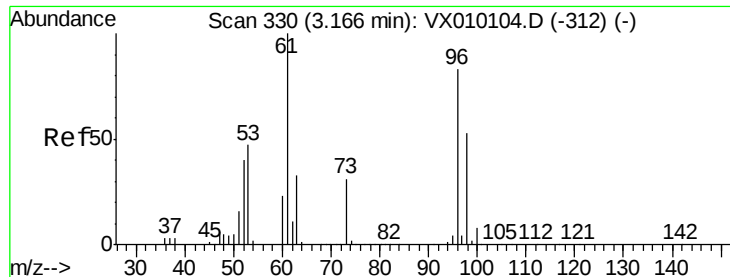
Tot Ion: 73 Resp: 134609
Ion Ratio Lower Upper
73 100
57 20.5 19.4 29.2



#20
Methylene Chloride
Concen: 18.431 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion: 84 Resp: 46658
Ion Ratio Lower Upper
84 100
49 105.6 115.8 173.6#
51 33.7 34.4 51.6#
86 62.9 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 18.046 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

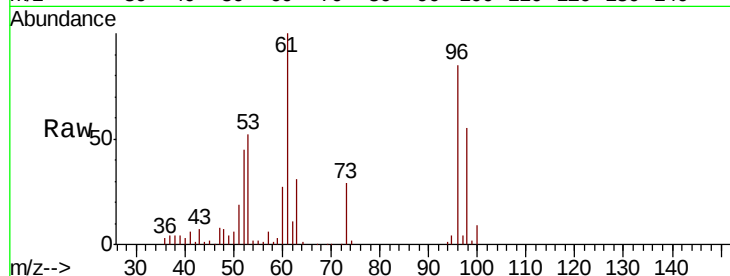
Tot Ion: 96 Resp: 45038

Ion Ratio Lower Upper

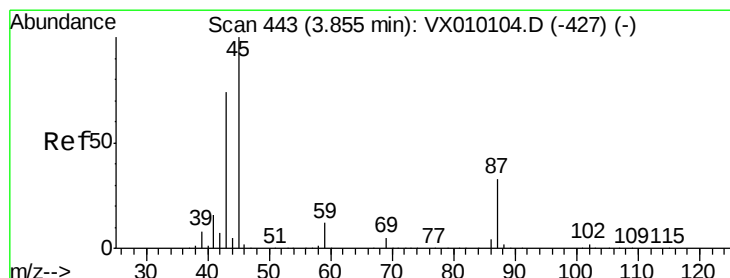
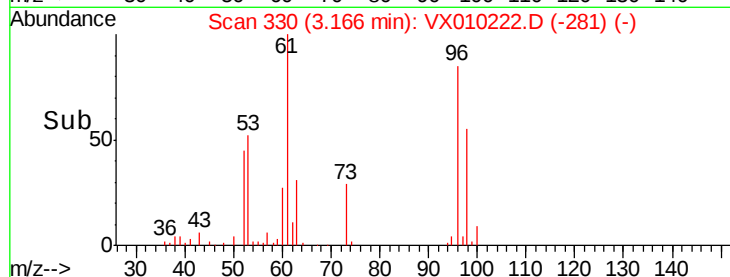
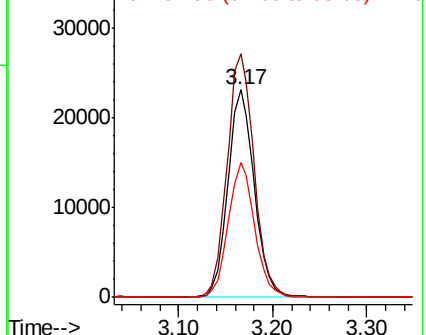
96 100

61 117.3 125.7 188.5#

98 65.1 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



#22

Diisopropyl ether

Concen: 19.108 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Tgt Ion: 45 Resp: 124361

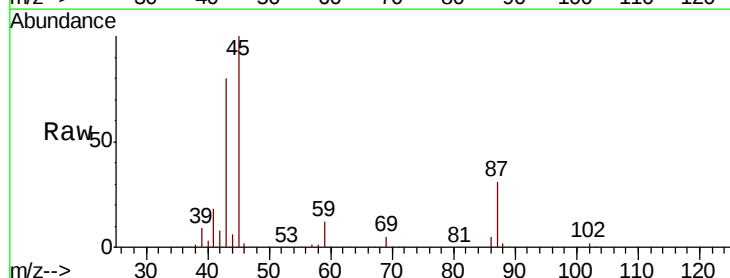
Ion Ratio Lower Upper

45 100

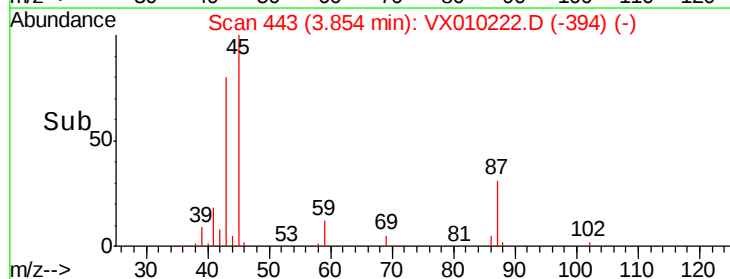
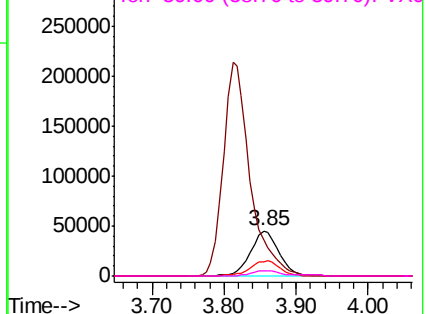
43 80.0 65.0 97.4

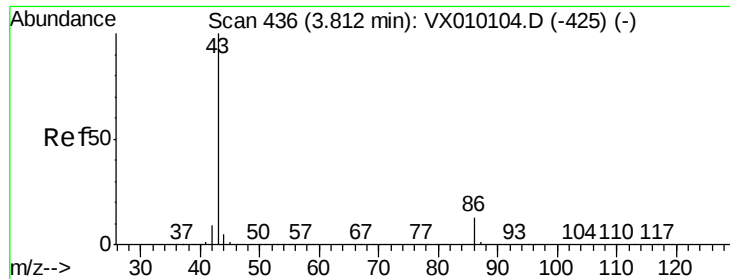
87 31.3 17.3 25.9#

59 12.4 8.1 12.1#



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 95.620 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

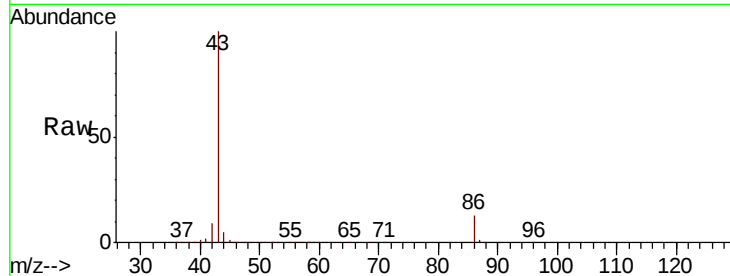
VX0611WBS01

Tot Ion: 43 Resp: 555192

Ion Ratio Lower Upper

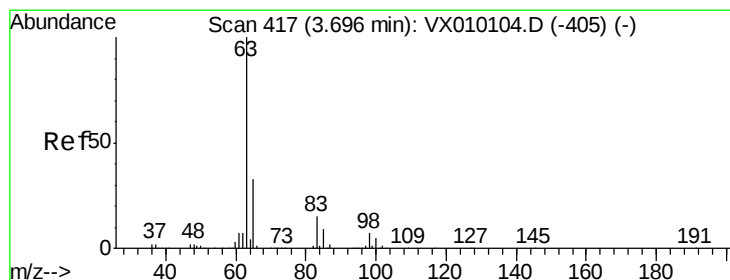
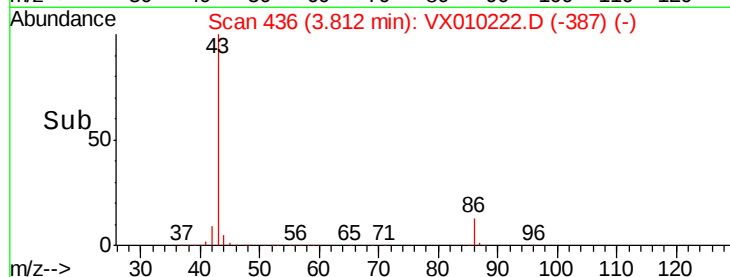
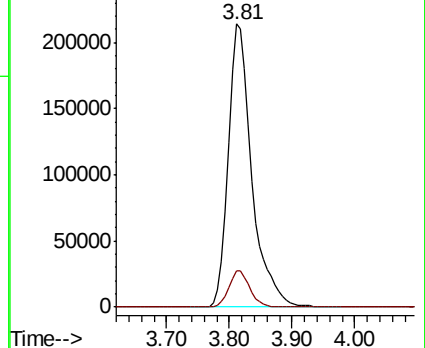
43 100

86 12.7 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.599 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

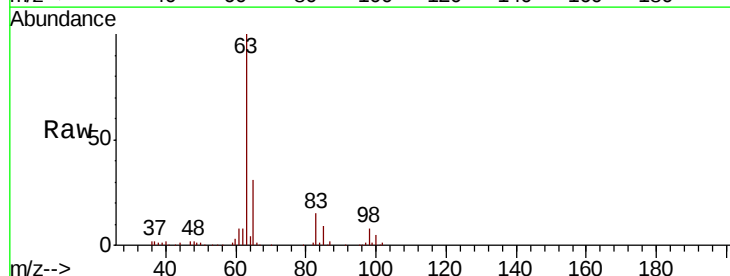
Tgt Ion: 63 Resp: 73496

Ion Ratio Lower Upper

63 100

98 7.7 2.9 8.8

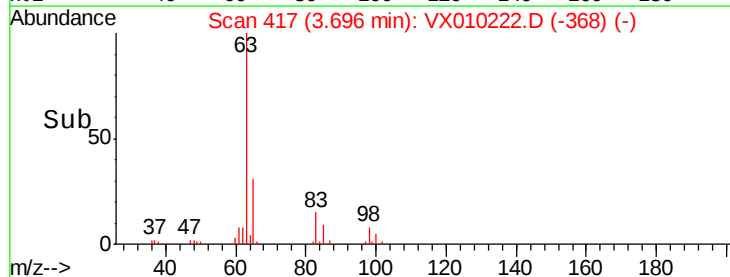
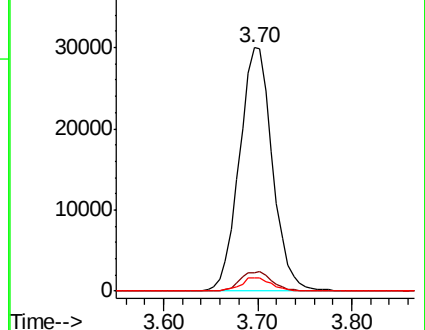
100 5.2 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 99.314 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

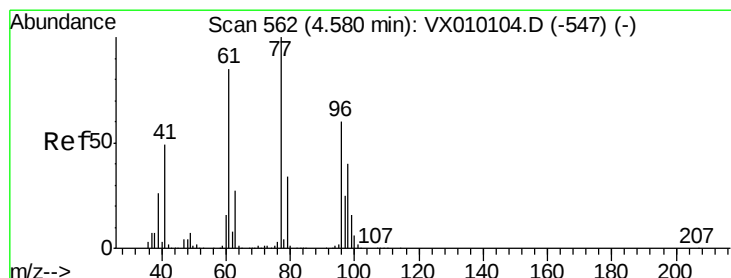
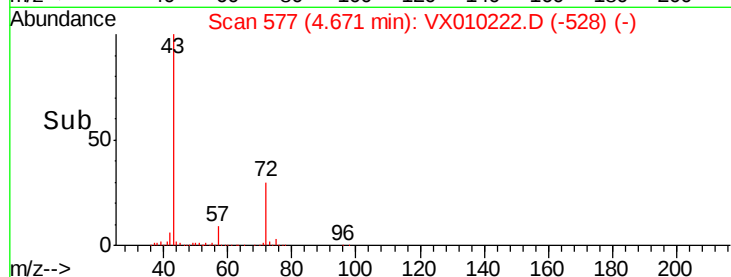
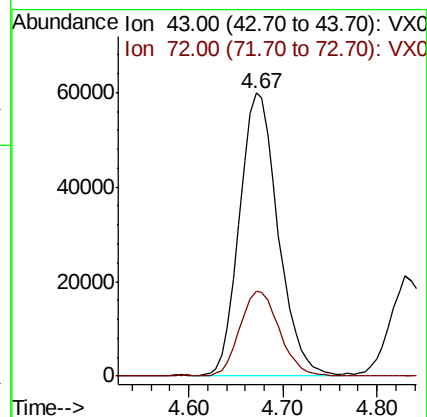
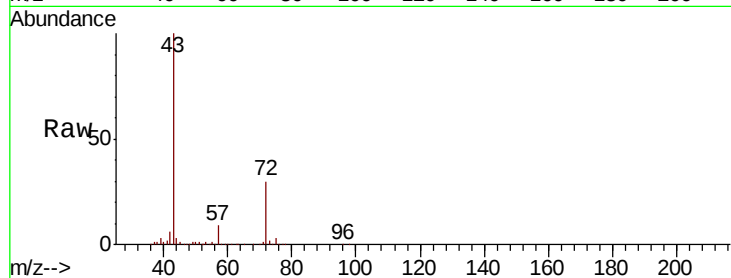
VX0611WBS01

Tot Ion: 43 Resp: 170467

Ion Ratio Lower Upper

43 100

72 29.7 17.5 26.3#



#26

2,2-Dichloropropane

Concen: 18.234 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010222.D

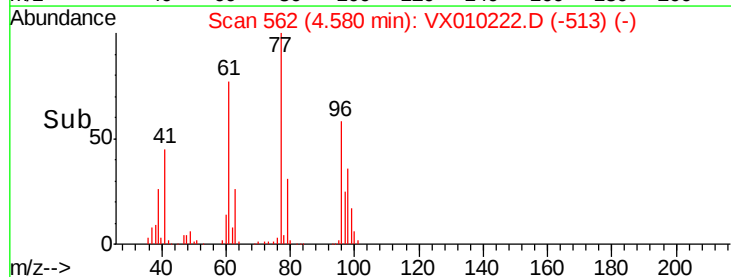
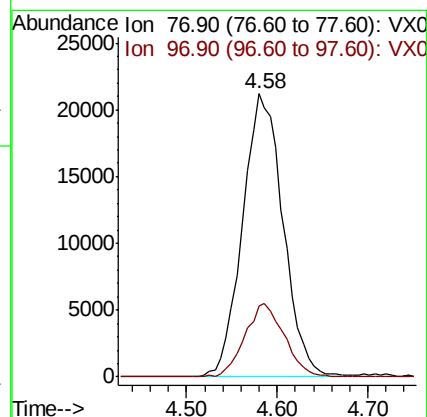
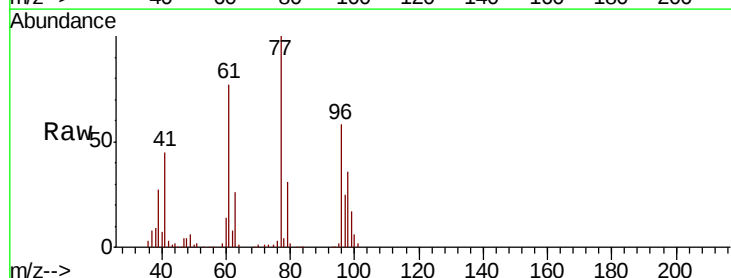
Acq: 11 Jun 2019 11:11

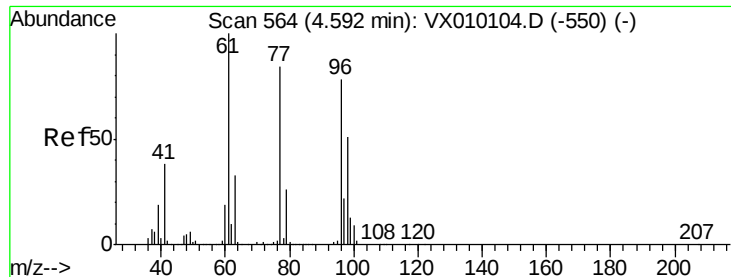
Tgt Ion: 77 Resp: 65733

Ion Ratio Lower Upper

77 100

97 25.2 11.4 34.2



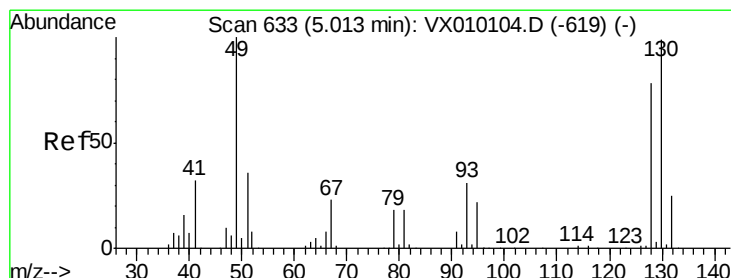
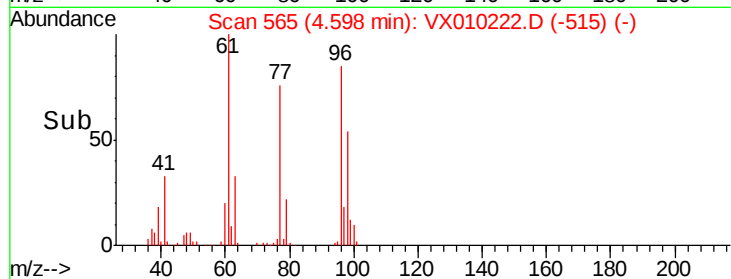
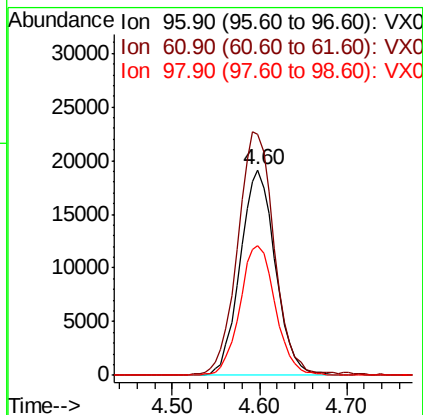
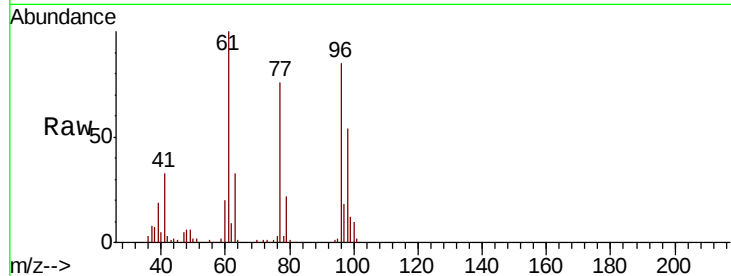


#27

cis-1,2-Dichloroethene
 Concen: 19.247 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

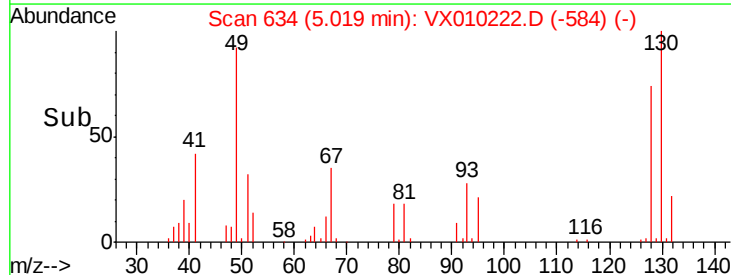
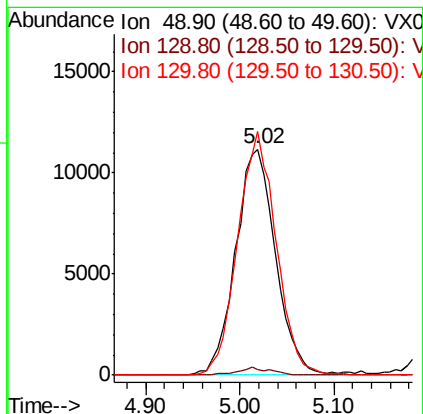
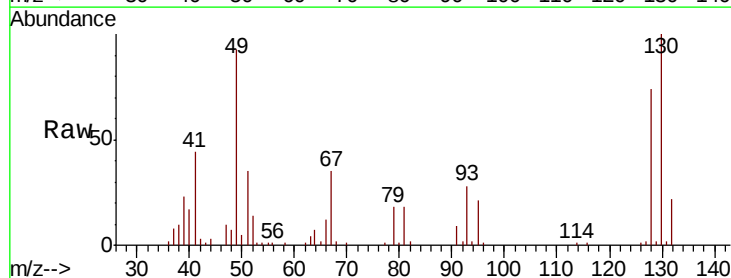
Tot Ion	96	Resp	53438
Ion	Ratio	Lower	Upper
96	100		
61	123.8	0.0	334.0
98	63.9	0.0	131.6

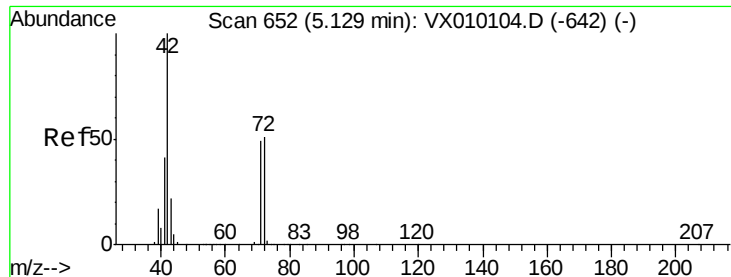


#28

Bromochloromethane
 Concen: 18.770 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

Tgt Ion	49	Resp	33242
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.4
130	103.5	49.4	74.2#

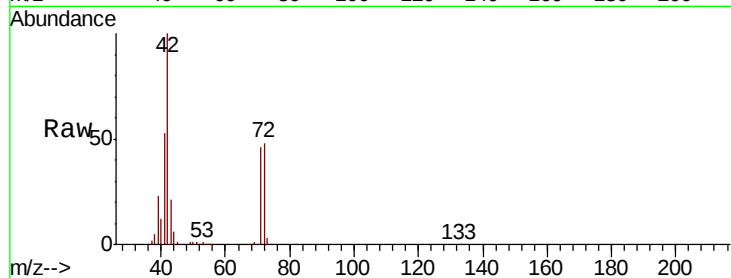




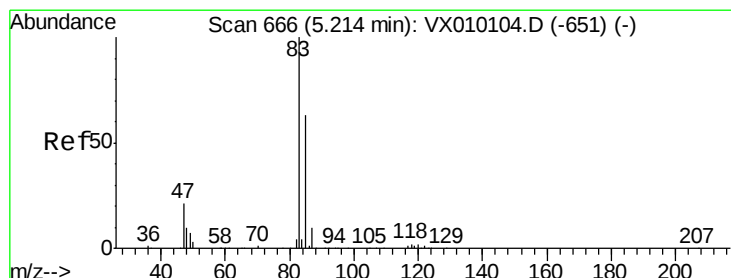
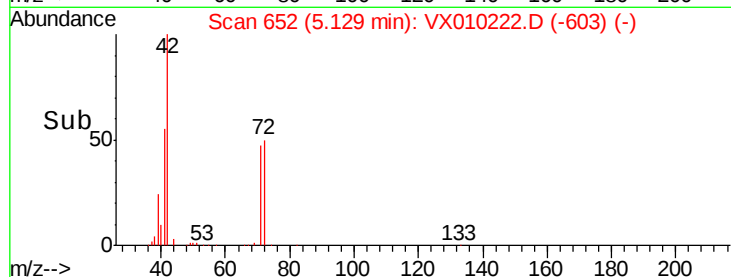
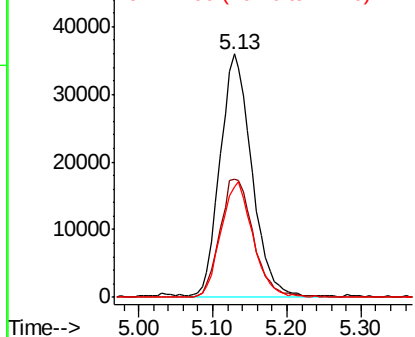
#29
Tetrahydrofuran
Concen: 97.993 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion: 42 Resp: 105706
Ion Ratio Lower Upper
42 100
72 52.1 29.2 43.8#
71 48.3 27.6 41.4#

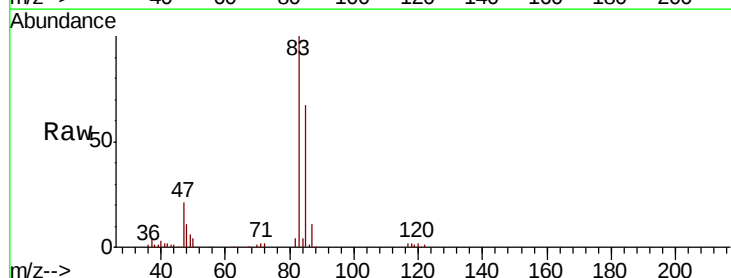


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

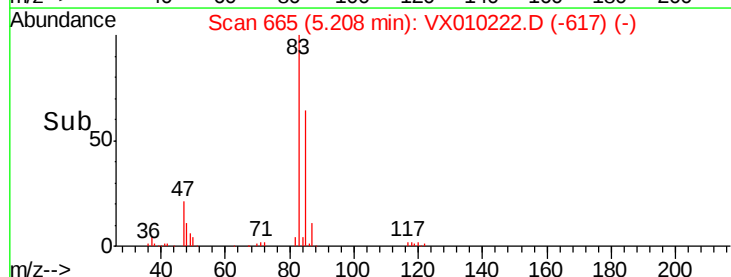
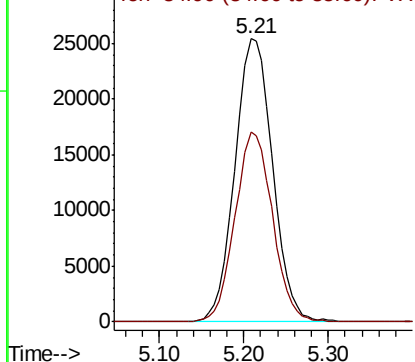


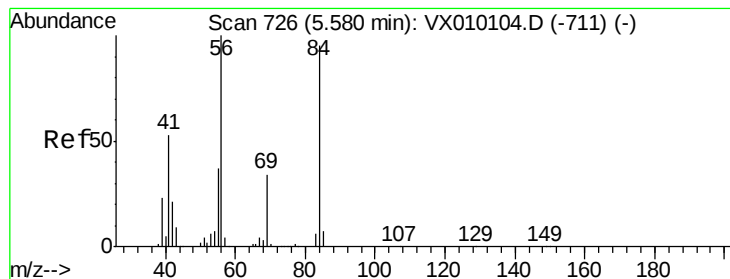
#30
Chloroform
Concen: 18.812 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion: 83 Resp: 77203
Ion Ratio Lower Upper
83 100
85 66.9 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.809 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

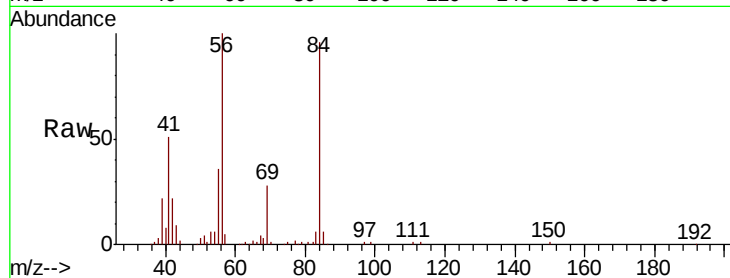
Tot Ion: 56 Resp: 67080

Ion Ratio Lower Upper

56 100

69 28.3 21.6 32.4

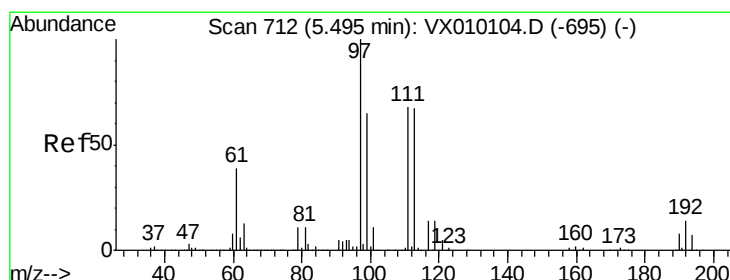
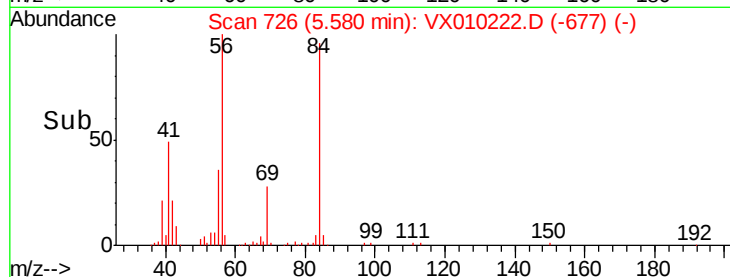
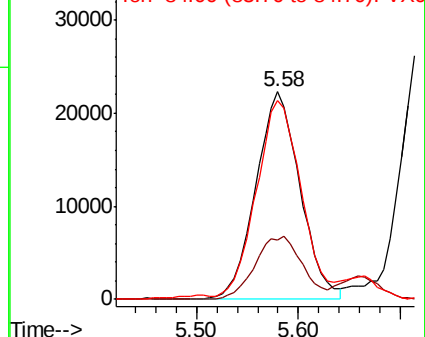
84 94.4 56.8 85.2#



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



#32

1,1,1-Trichloroethane

Concen: 18.185 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

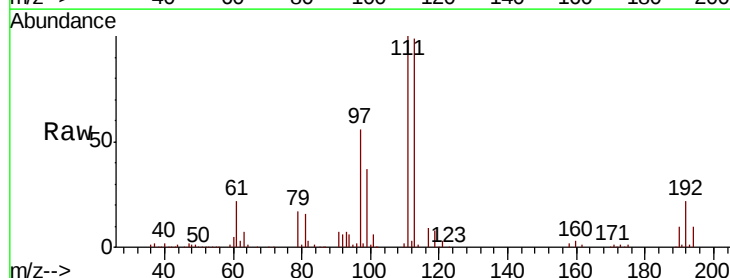
Tgt Ion: 97 Resp: 70160

Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.4

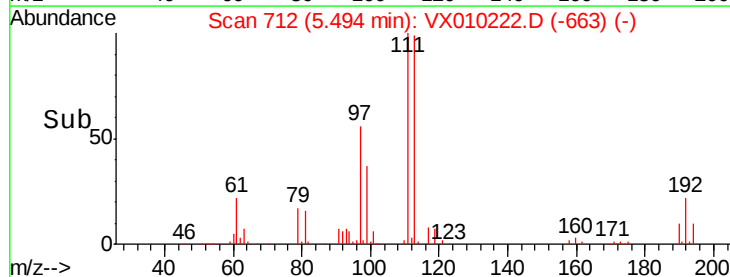
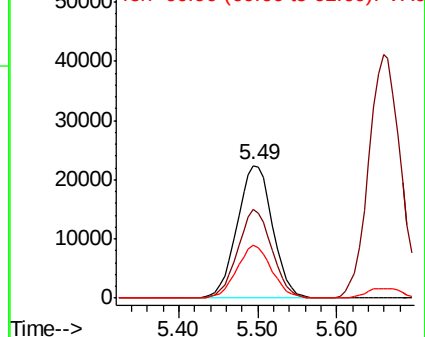
61 39.2 38.7 58.1

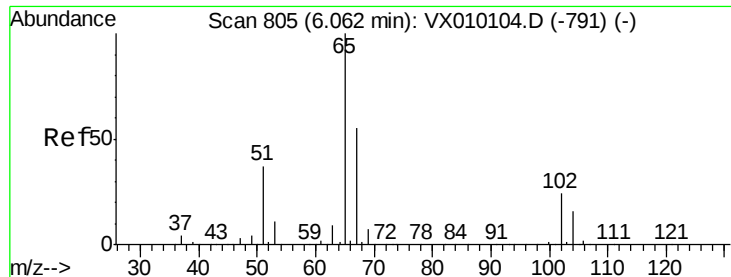


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.113 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

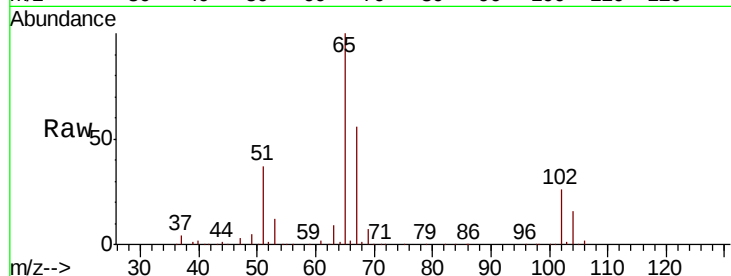
VX0611WBS01

Tot Ion: 65 Resp: 113010

Ion Ratio Lower Upper

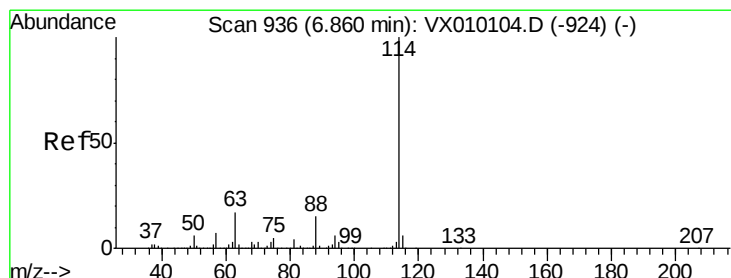
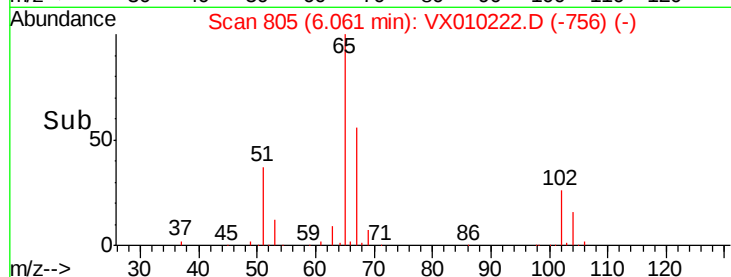
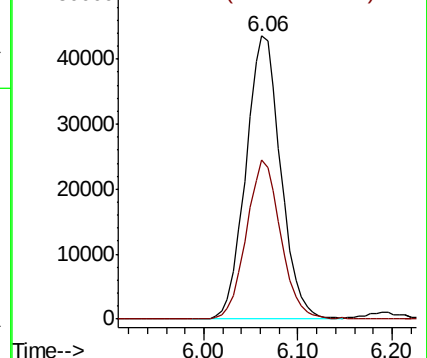
65 100

67 55.4 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

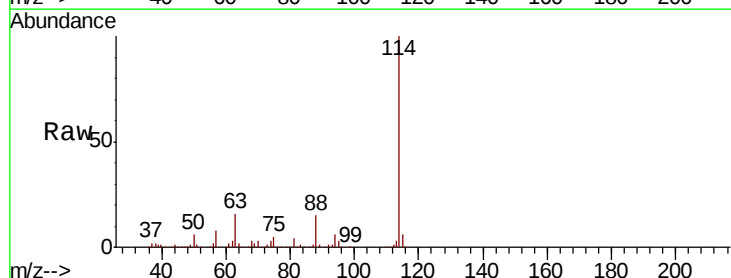
Tgt Ion:114 Resp: 374102

Ion Ratio Lower Upper

114 100

63 16.4 0.0 47.4

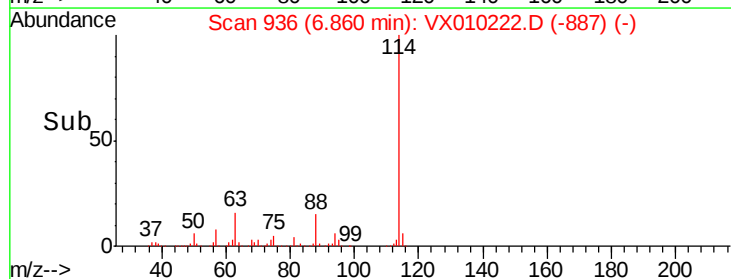
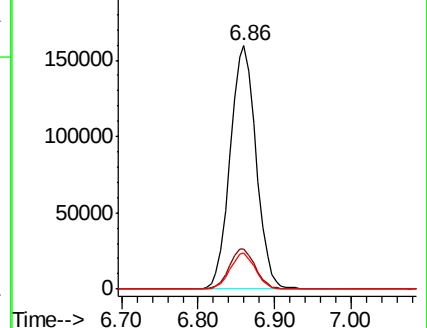
88 14.9 0.0 33.0

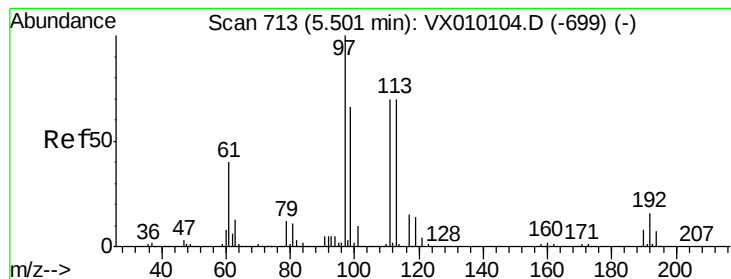


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.800 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

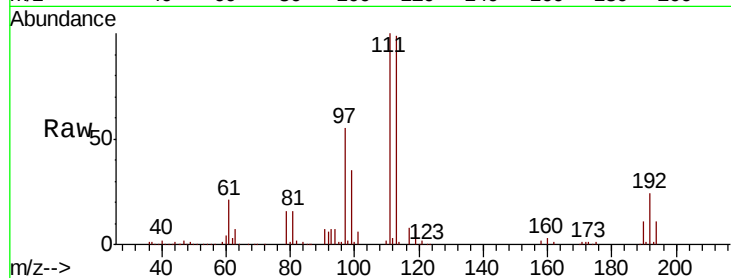
Tot Ion:113 Resp: 114915

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.2

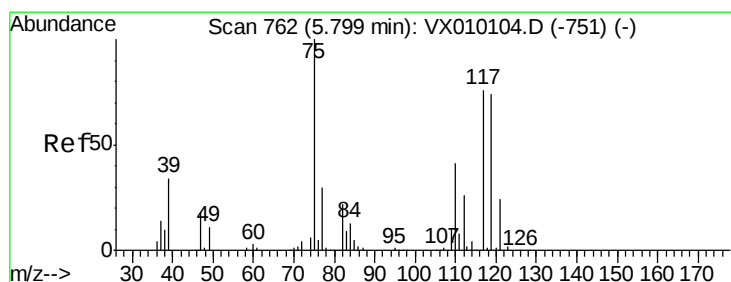
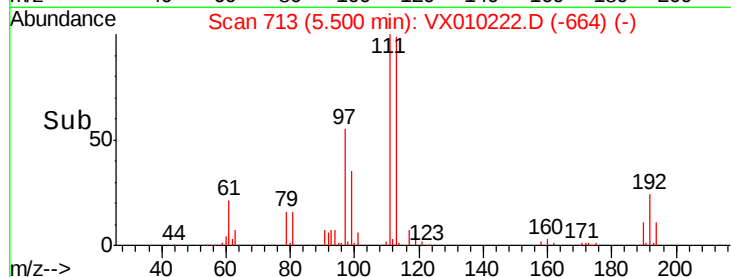
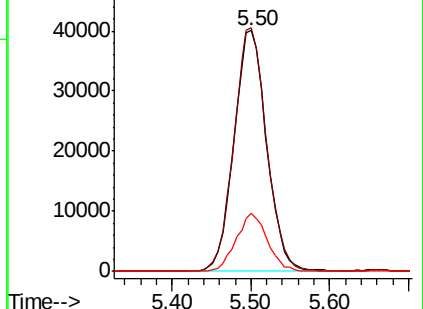
192 23.3 17.1 25.7



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: 18.258 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

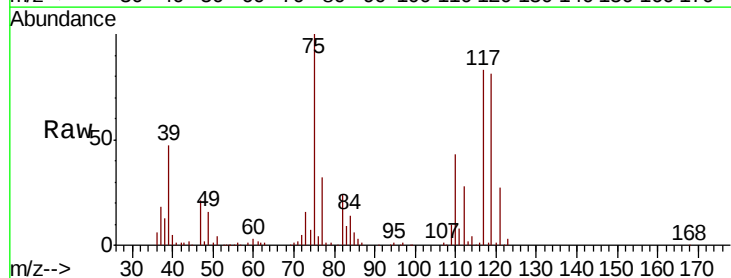
Tgt Ion: 75 Resp: 55725

Ion Ratio Lower Upper

75 100

110 42.8 16.7 50.1

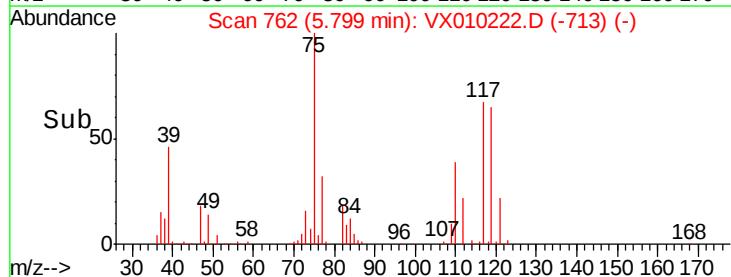
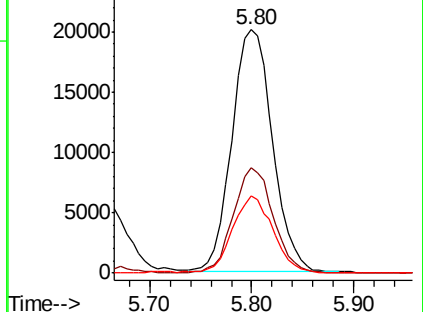
77 31.8 25.0 37.4

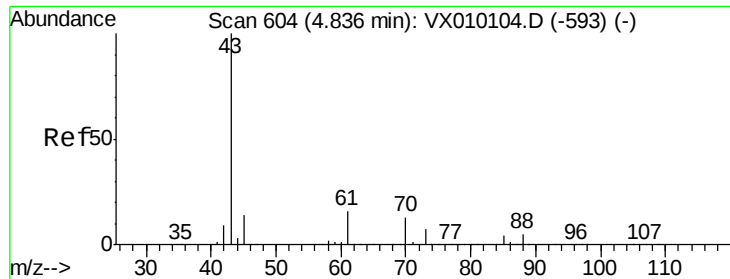


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

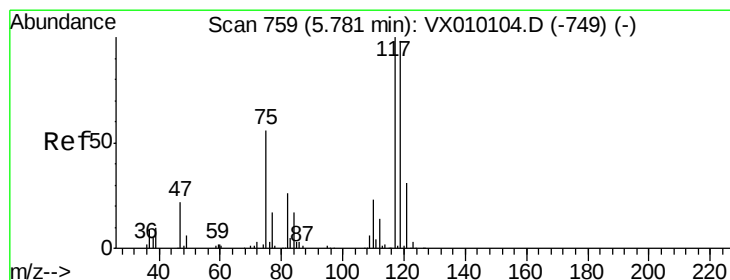
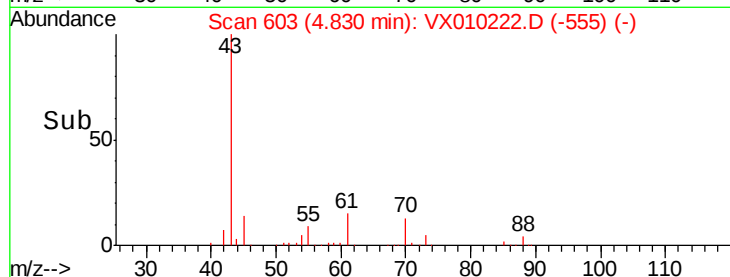
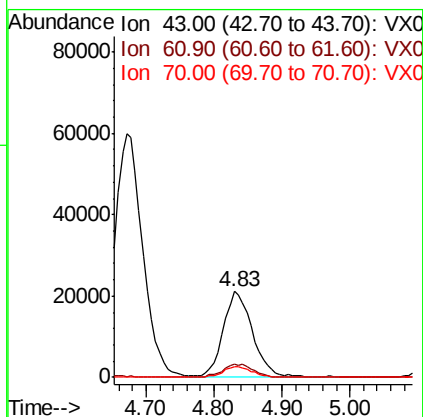
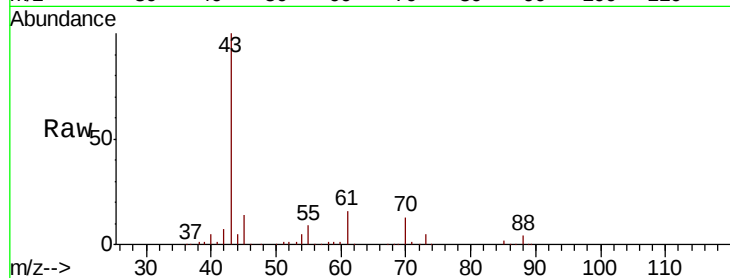




#37
Ethyl Acetate
Concen: 19.586 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

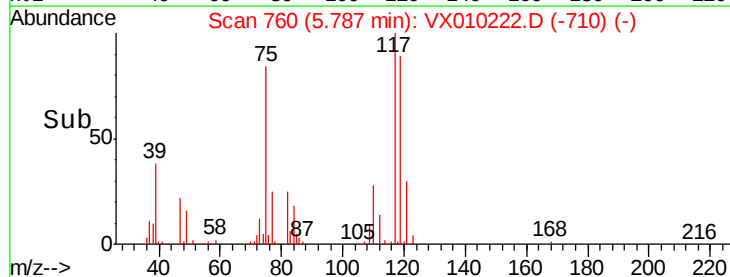
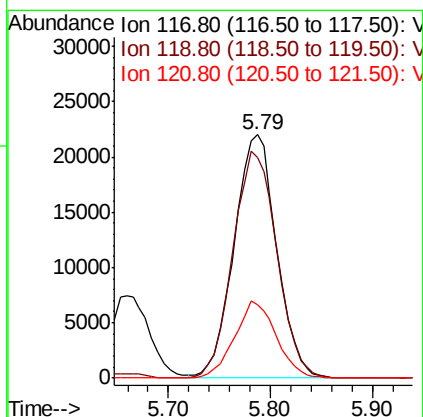
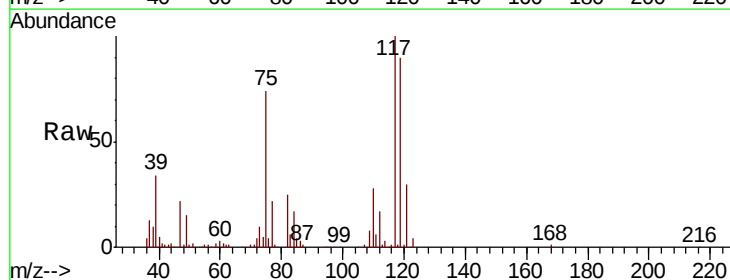
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

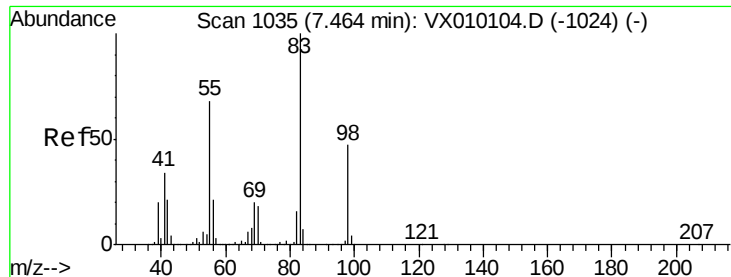
Tot Ion: 43 Resp: 62198
Ion Ratio Lower Upper
43 100
61 16.6 10.2 15.2#
70 12.7 7.4 11.2#



#38
Carbon Tetrachloride
Concen: 18.479 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion: 117 Resp: 63838
Ion Ratio Lower Upper
117 100
119 90.0 77.3 115.9
121 30.0 25.4 38.0

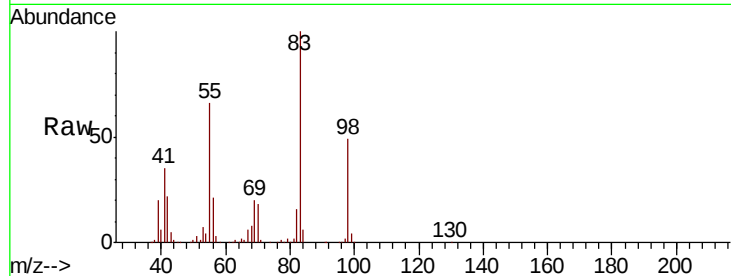




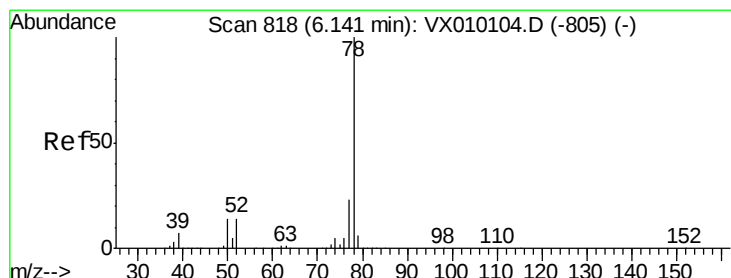
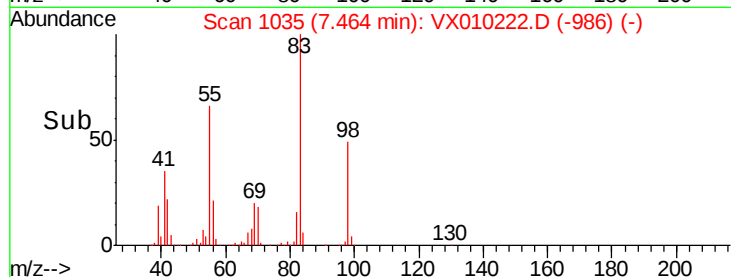
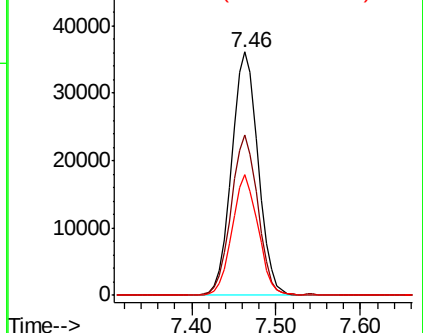
#39
Methvlcvclohexane
Concen: 18.453 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion: 83 Resp: 76690
Ion Ratio Lower Upper
83 100
55 65.5 69.9 104.9#
98 49.4 35.1 52.7

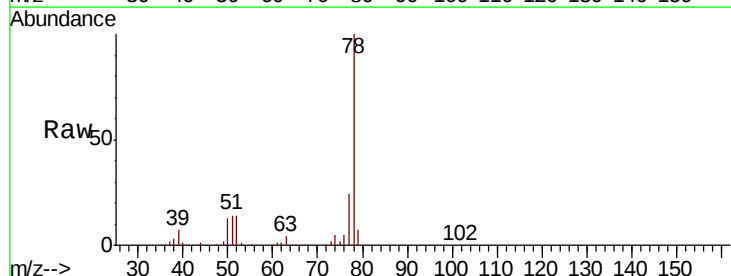


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

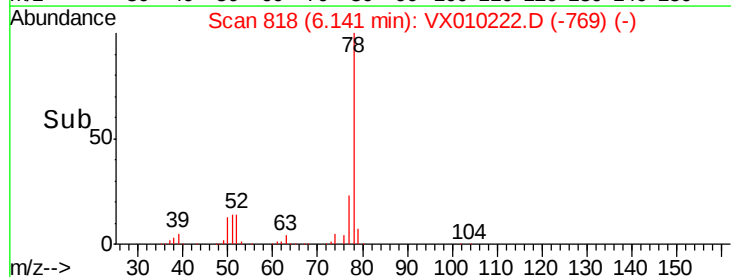
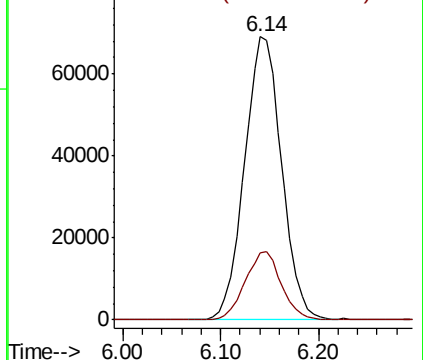


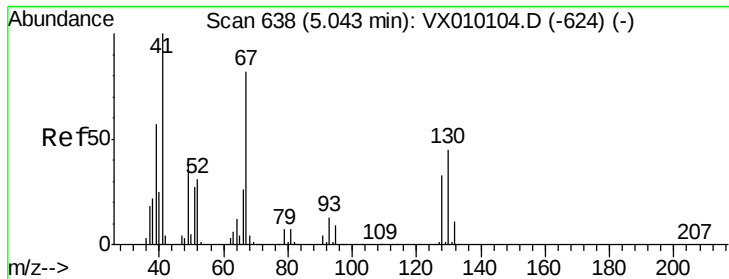
#40
Benzene
Concen: 19.352 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion: 78 Resp: 182639
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8



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

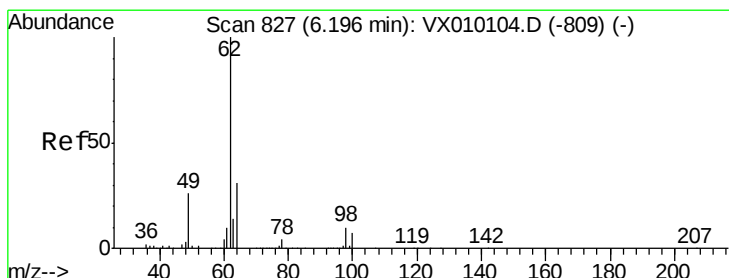
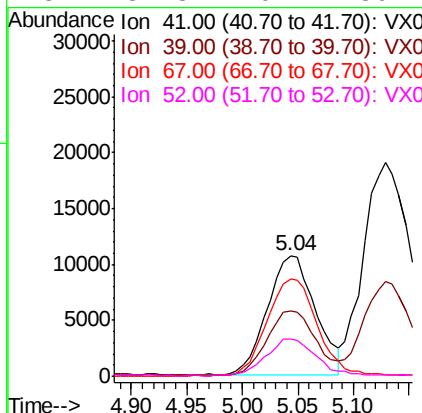
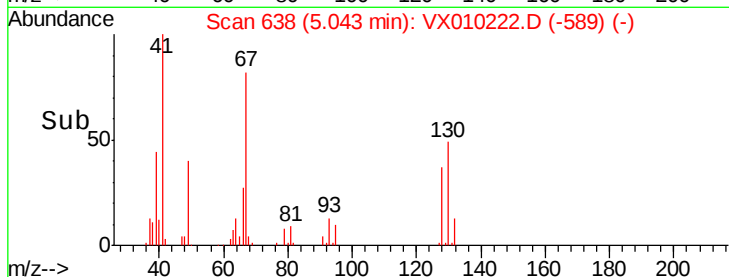
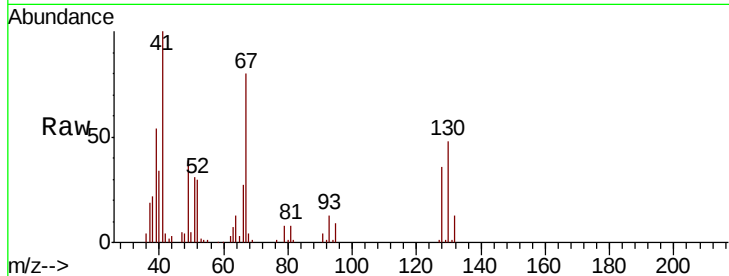




#41
Methacrylonitrile
Concen: 18.907 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

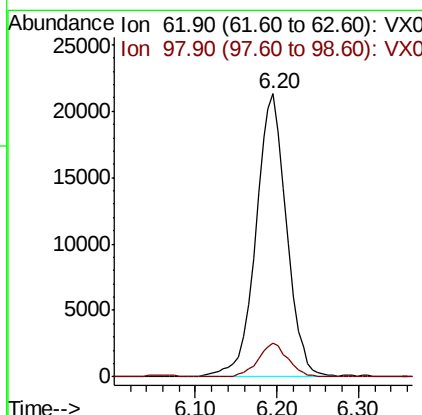
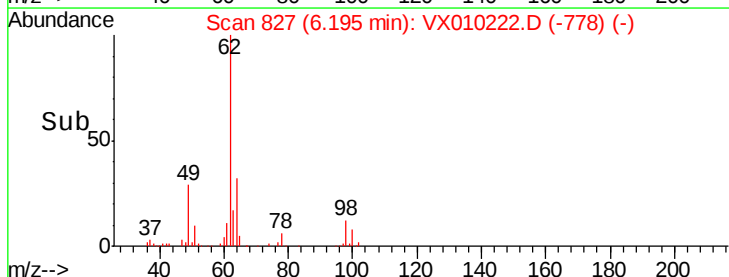
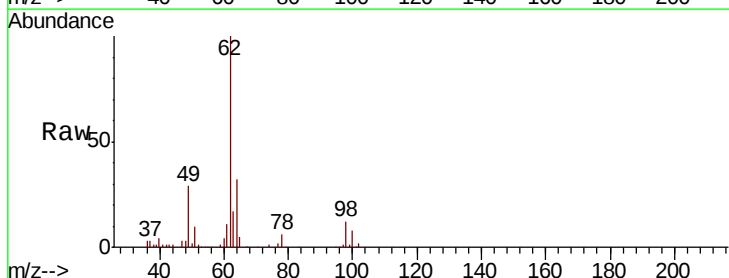
Instrument :
MSVOA_X
ClientSampled :
VX0611WBS01

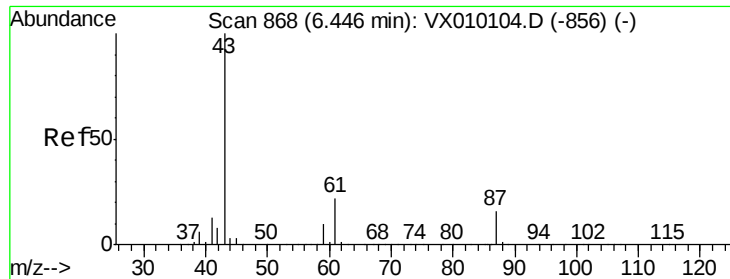
Tot Ion:	41	Resp:	32479
Ion	Ratio	Lower	Upper
41	100		
39	54.2	42.2	63.4
67	85.3	48.9	73.3#
52	32.8	20.1	30.1#



#42
1,2-Dichloroethane
Concen: 18.536 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion:	62	Resp:	55849
Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	17.2





#43

Isopropyl Acetate

Concen: 18.943 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampled :

VX0611WBS01

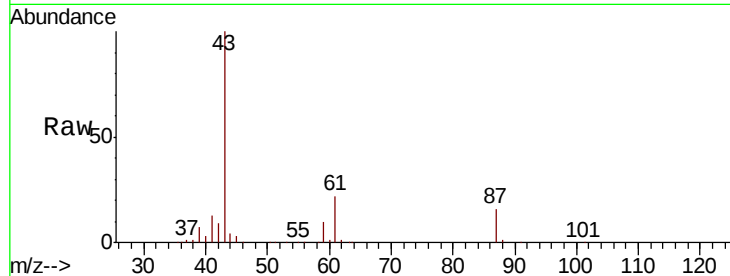
Tot Ion: 43 Resp: 100578

Ion Ratio Lower Upper

43 100

61 22.5 14.6 21.8#

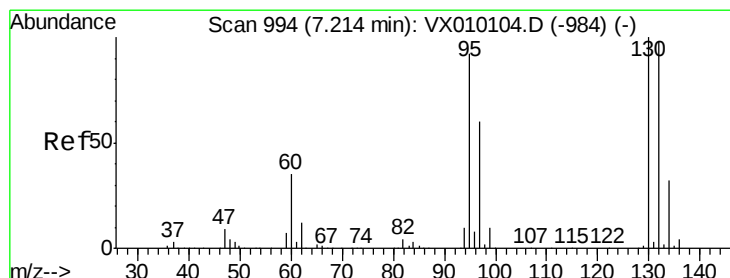
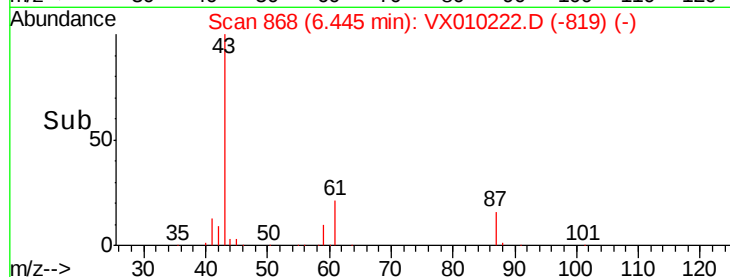
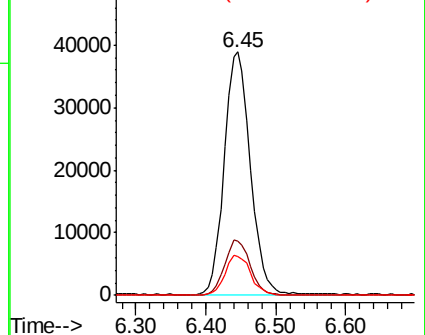
87 16.2 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.506 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010222.D

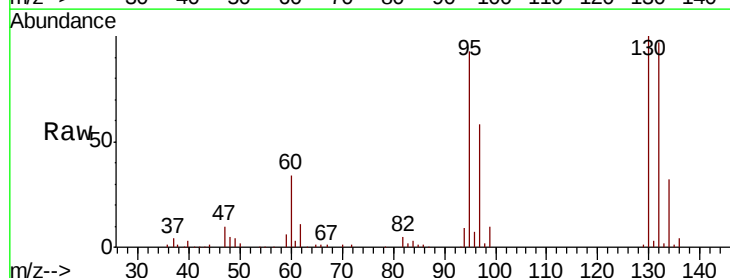
Acq: 11 Jun 2019 11:11

Tgt Ion:130 Resp: 58336

Ion Ratio Lower Upper

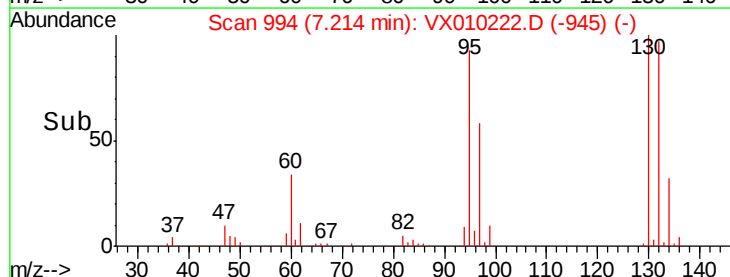
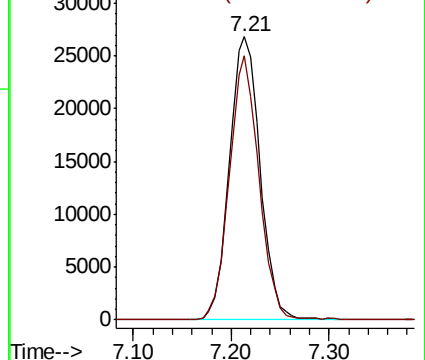
130 100

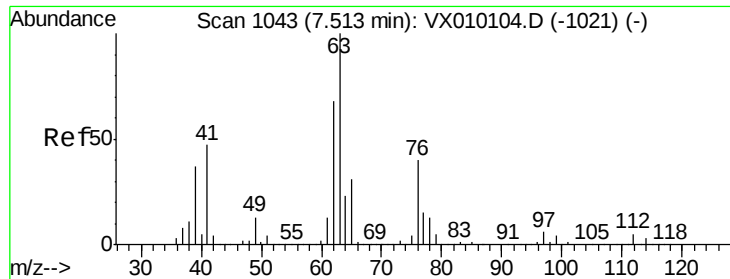
95 93.1 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

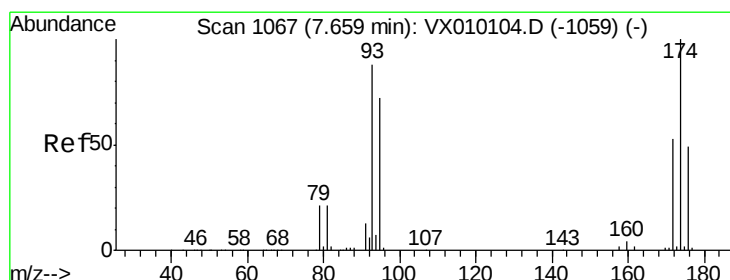
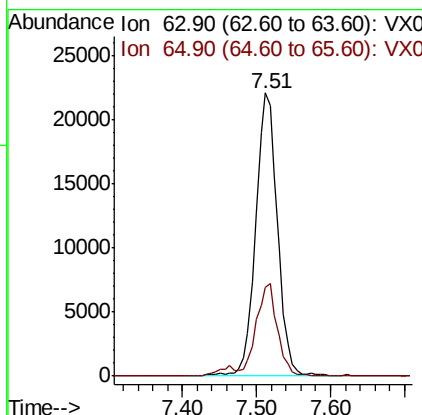
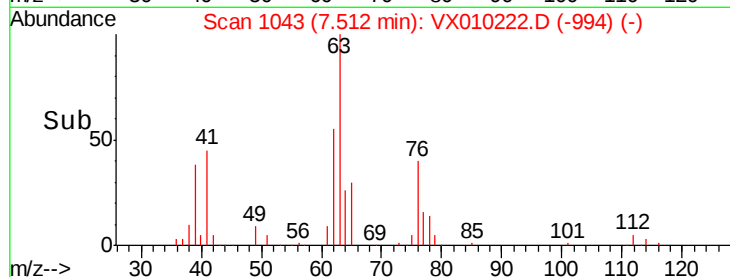
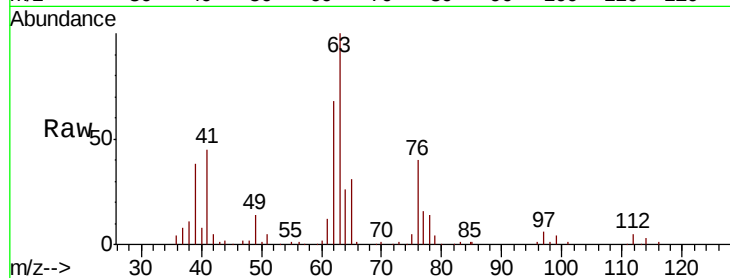




#45
 1,2-Dichloropropane
 Concen: 19.252 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

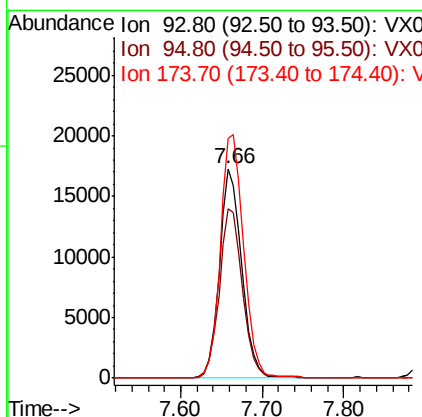
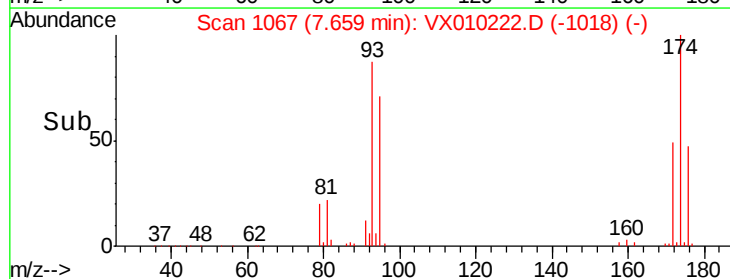
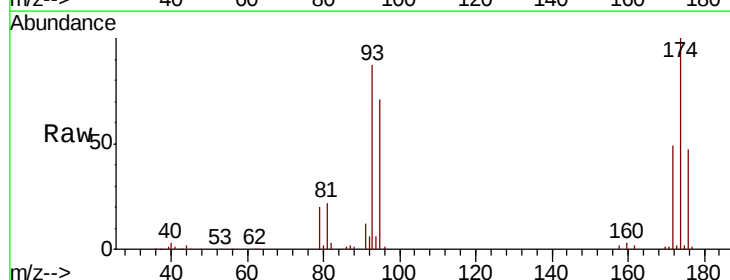
Instrument :
 MSVOA_X
 ClientSampled :
 VX0611WBS01

Tot Ion: 63 Resp: 45477
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.7 38.5



#46
 Dibromomethane
 Concen: 18.525 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

Tgt Ion: 93 Resp: 32783
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.8 100.2
 174 121.2 81.9 122.9





#47

Bromodichloromethane

Concen: 18.518 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

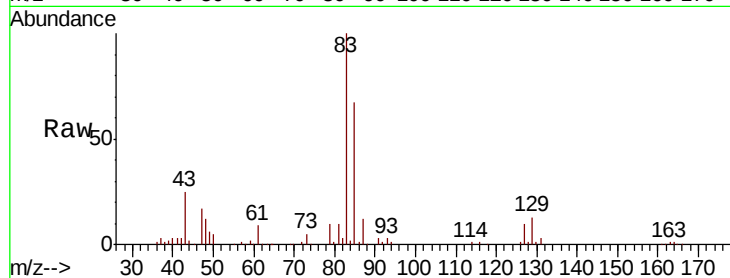
Tot Ion: 83 Resp: 61237

Ion Ratio Lower Upper

83 100

85 67.0 51.4 77.2

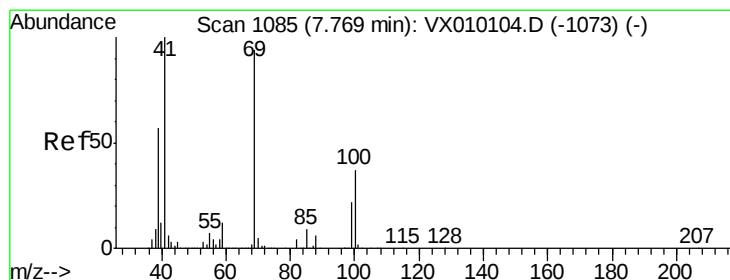
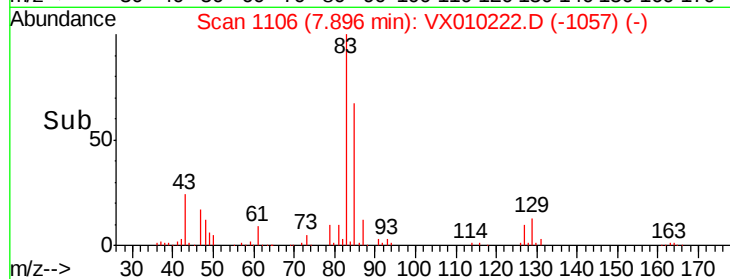
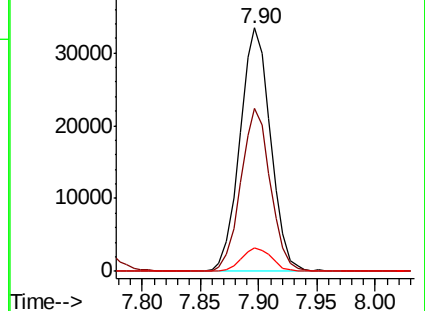
127 9.7 6.4 9.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.957 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

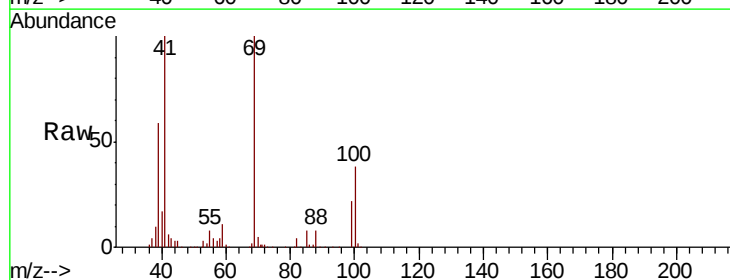
Tgt Ion: 41 Resp: 47074

Ion Ratio Lower Upper

41 100

69 98.5 56.4 84.6#

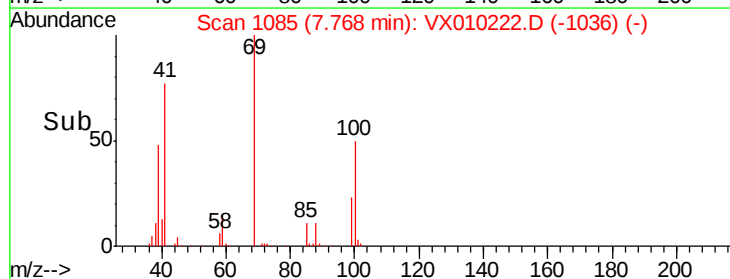
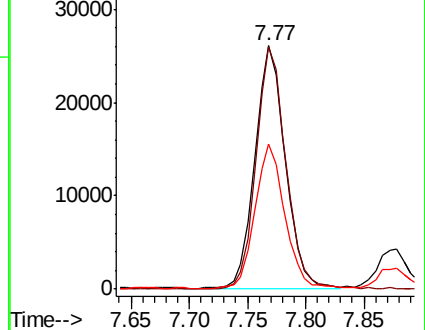
39 58.4 40.6 60.8

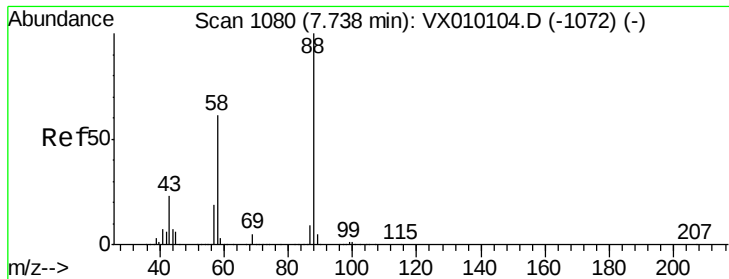


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 406.977 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

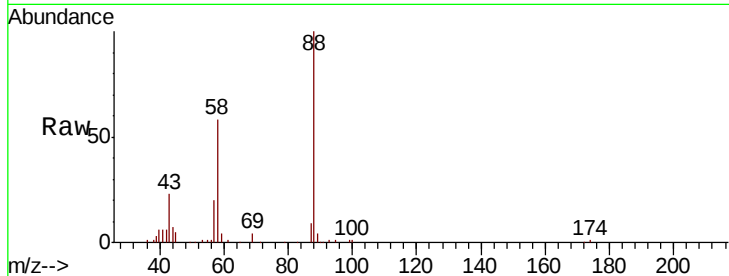
Tot Ion: 88 Resp: 28813

Ion Ratio Lower Upper

88 100

43 24.9 30.2 45.4#

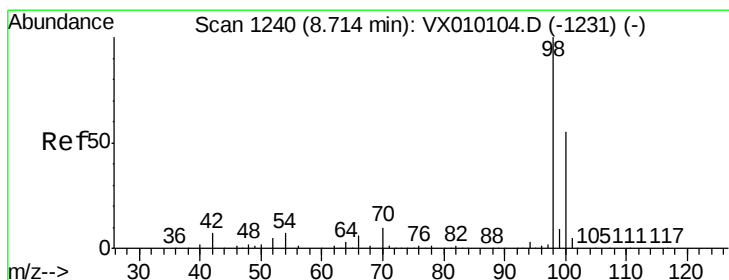
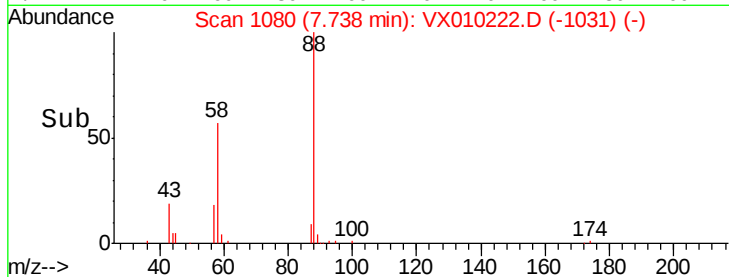
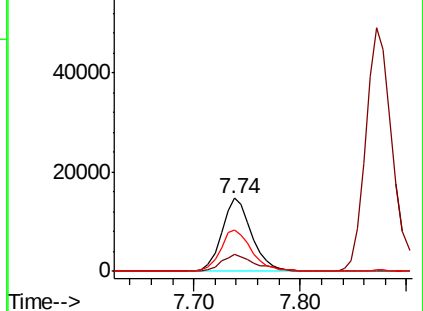
58 60.3 64.0 96.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.916 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010222.D

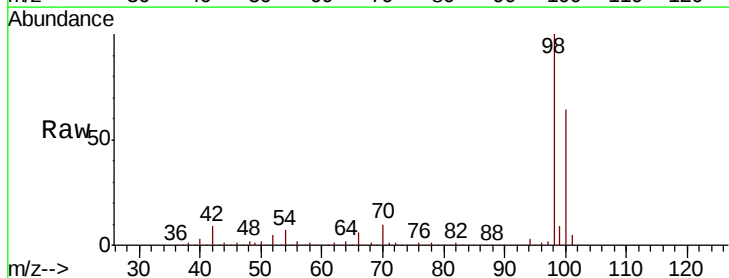
Acq: 11 Jun 2019 11:11

Tgt Ion: 98 Resp: 431692

Ion Ratio Lower Upper

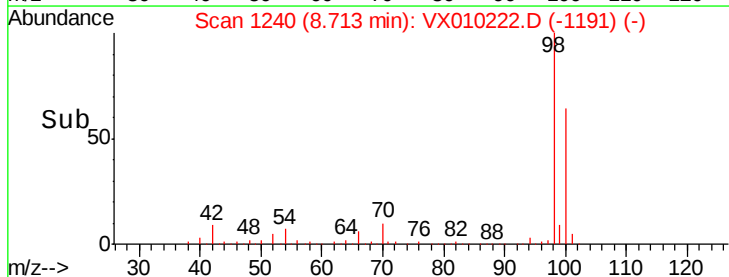
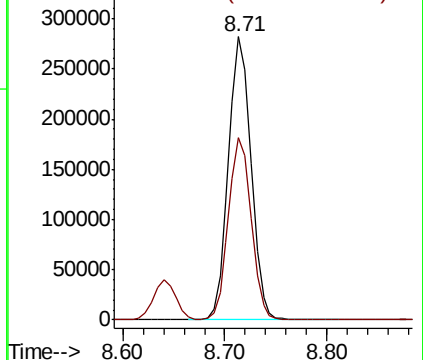
98 100

100 64.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 101.826 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

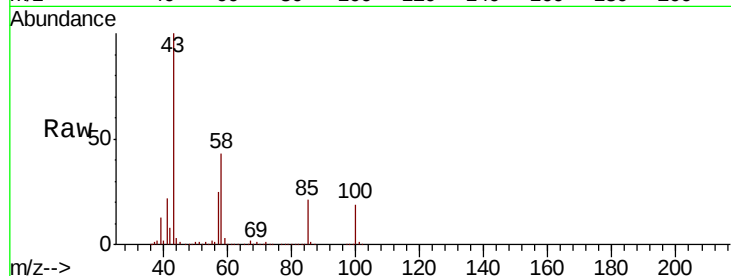
VX0611WBS01

Tot Ion: 43 Resp: 322990

Ion Ratio Lower Upper

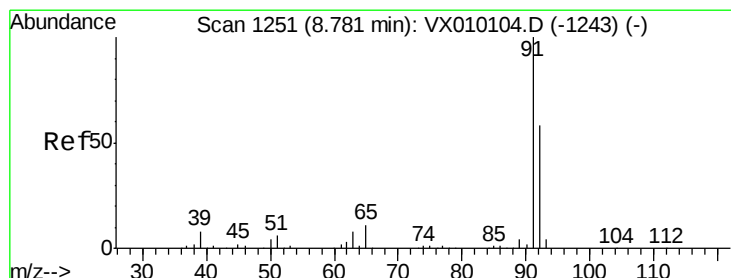
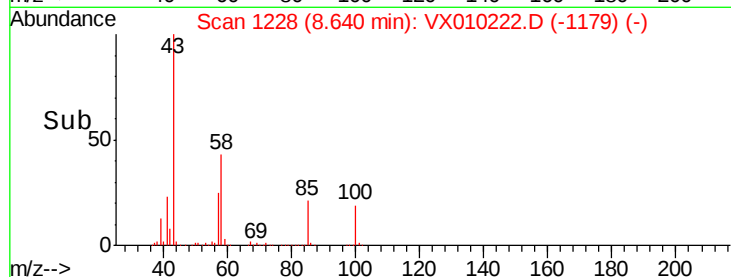
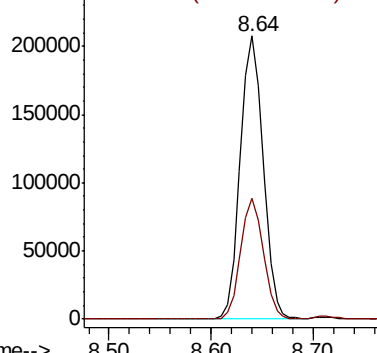
43 100

58 42.3 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: 19.544 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010222.D

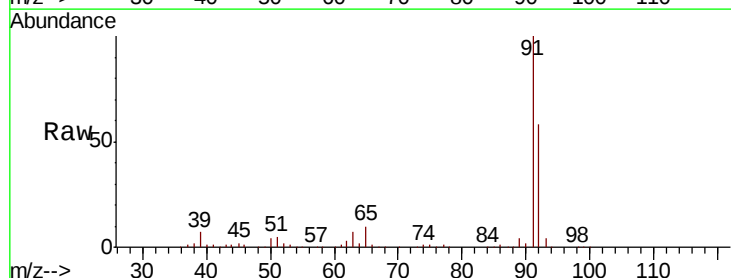
Acq: 11 Jun 2019 11:11

Tgt Ion: 92 Resp: 121246

Ion Ratio Lower Upper

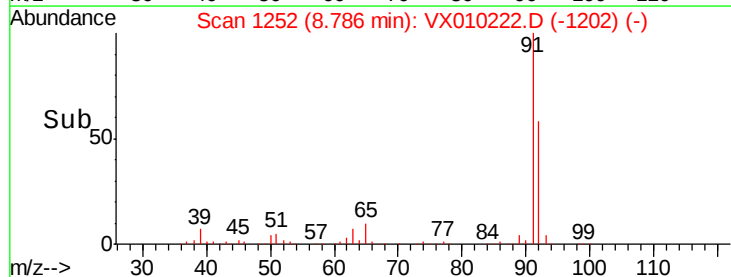
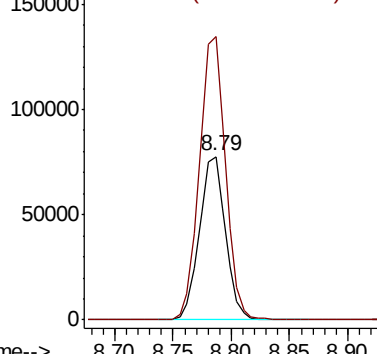
92 100

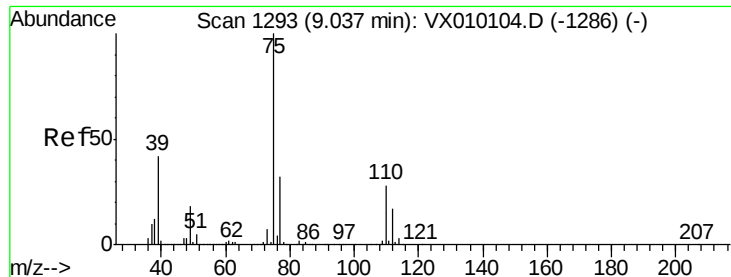
91 173.7 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 17.740 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampled :

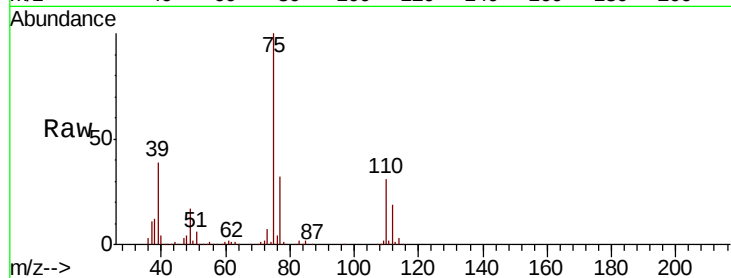
VX0611WBS01

Tot Ion: 75 Resp: 67854

Ion Ratio Lower Upper

75 100

77 32.1 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

50000

40000

30000

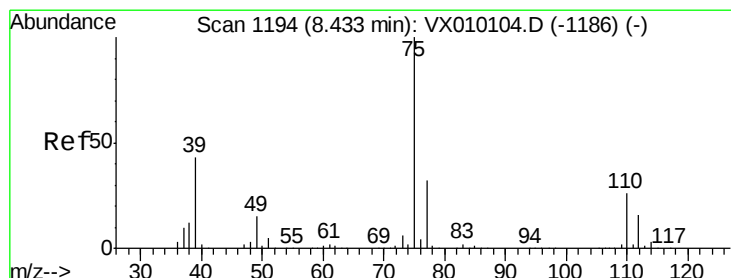
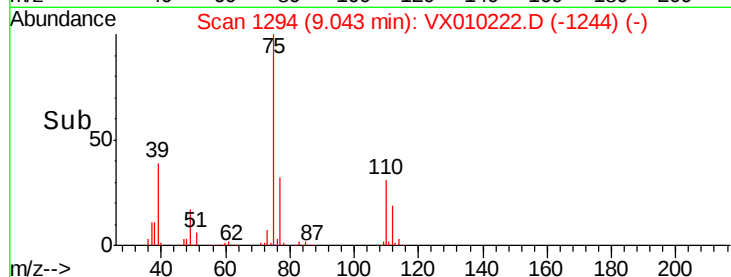
20000

10000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.524 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

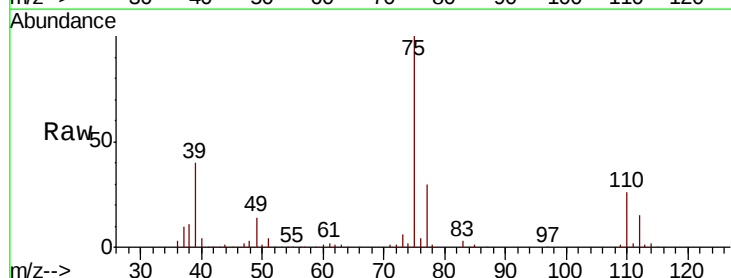
Tgt Ion: 75 Resp: 75958

Ion Ratio Lower Upper

75 100

77 30.2 24.8 37.2

39 40.2 43.4 65.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

60000

50000

40000

30000

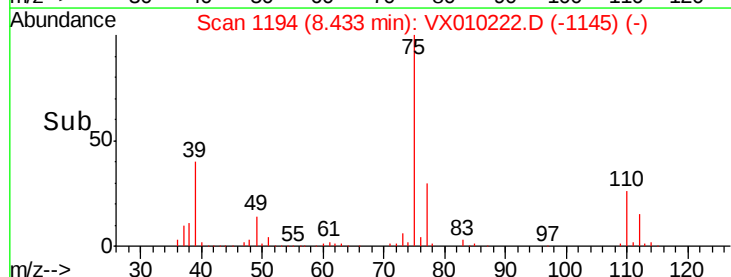
20000

10000

0

8.35 8.40 8.45 8.50 8.55

Time-->

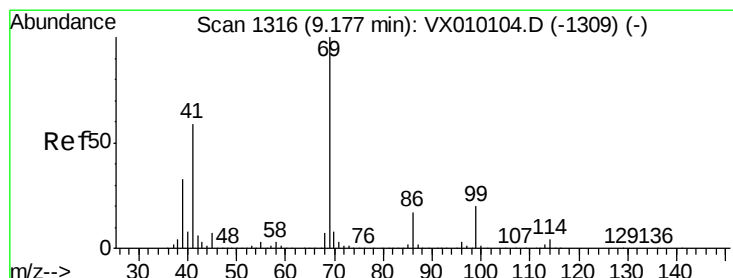
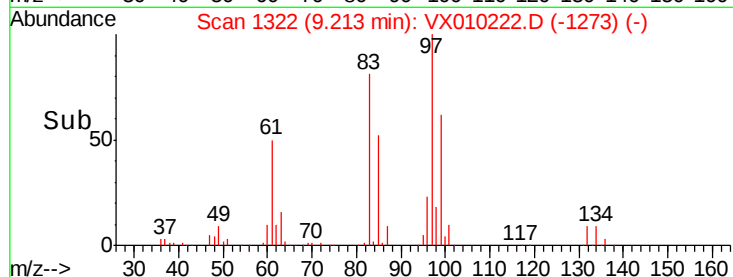
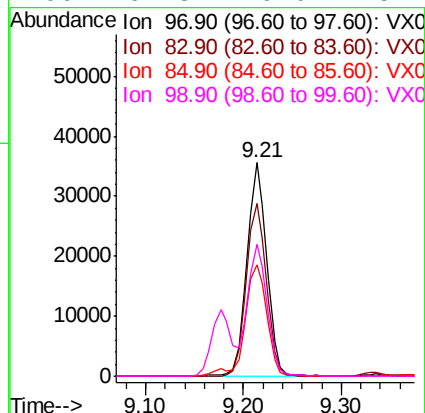
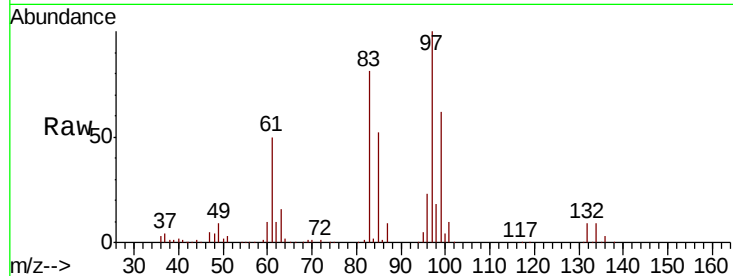




#55
 1,1,2-Trichloroethane
 Concen: 19.691 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

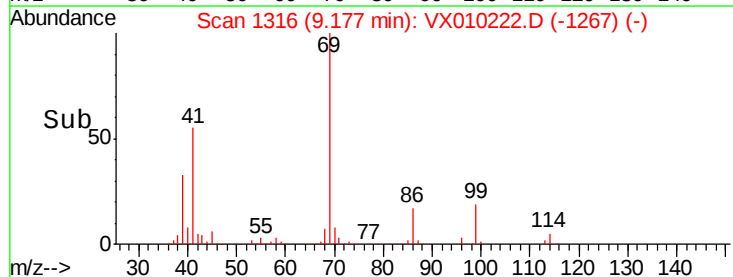
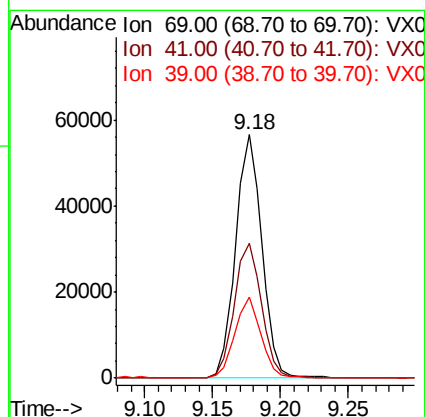
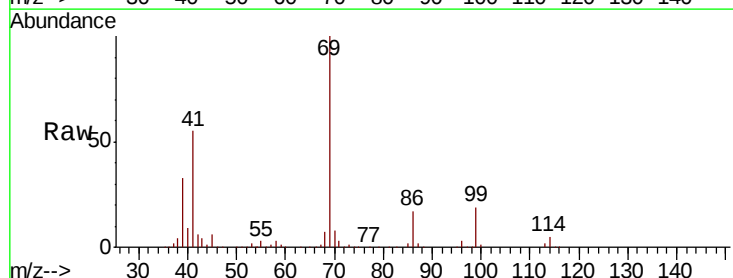
Instrument :
 MSVOA_X
 ClientSampled :
 VX0611WBS01

Tot Ion: 97 Resp: 50029
 Ion Ratio Lower Upper
 97 100
 83 80.8 69.8 104.8
 85 52.0 45.3 67.9
 99 61.8 49.0 73.4



#56
 Ethyl methacrylate
 Concen: 19.031 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

Tgt Ion: 69 Resp: 76381
 Ion Ratio Lower Upper
 69 100
 41 57.3 62.7 94.1#
 39 32.6 29.5 44.3





#57

1,3-Dichloropropane

Concen: 19.223 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

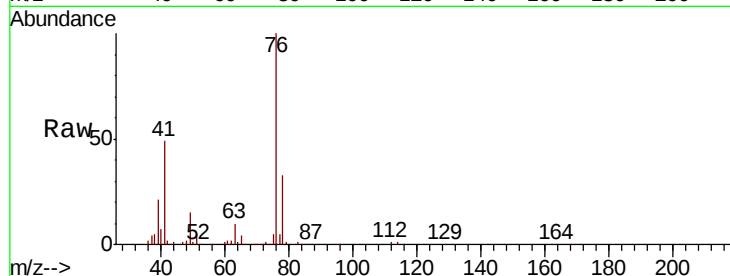
VX0611WBS01

Tot Ion: 76 Resp: 76892

Ion Ratio Lower Upper

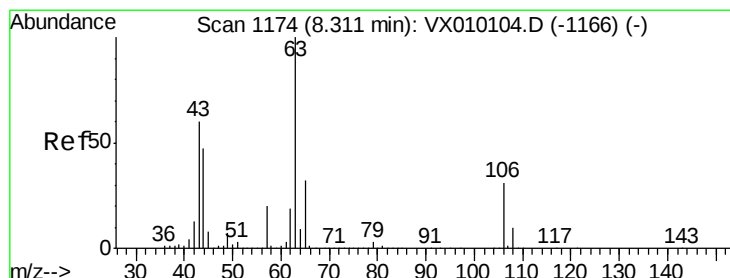
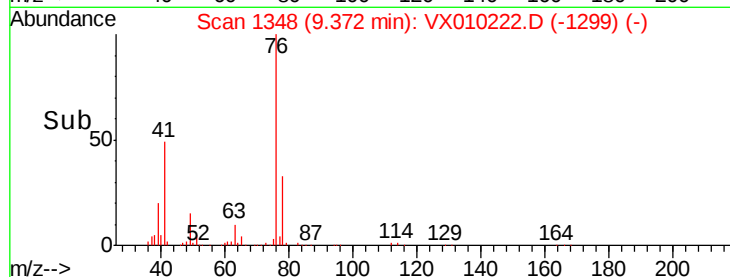
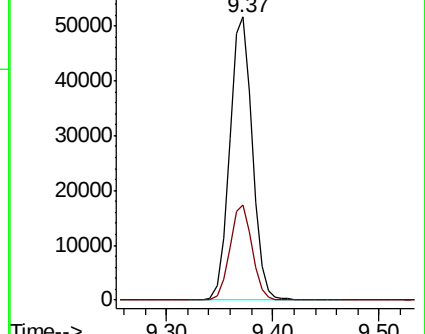
76 100

78 33.3 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 99.169 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010222.D

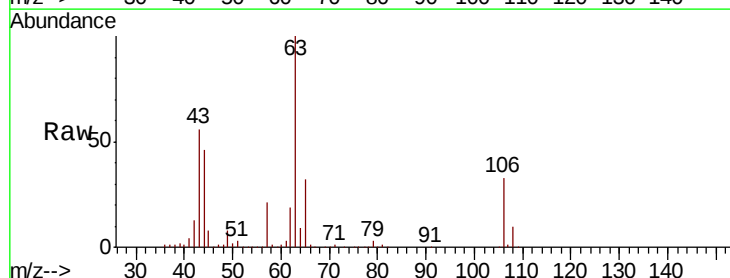
Acq: 11 Jun 2019 11:11

Tgt Ion: 63 Resp: 187633

Ion Ratio Lower Upper

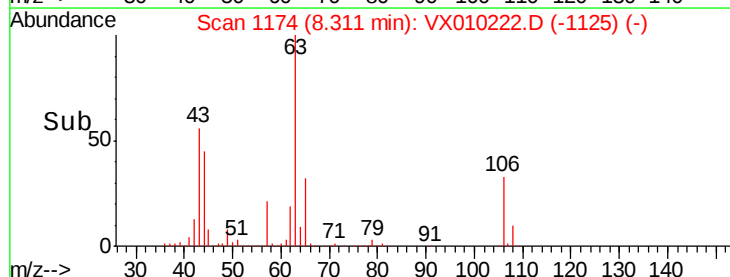
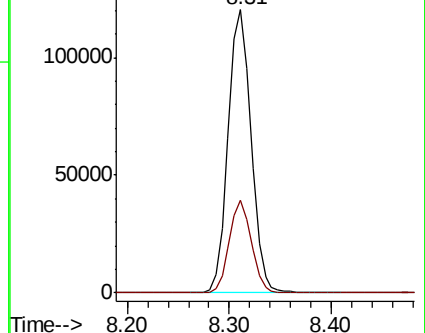
63 100

106 31.5 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

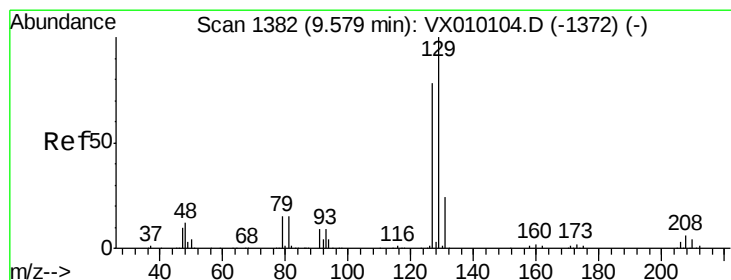
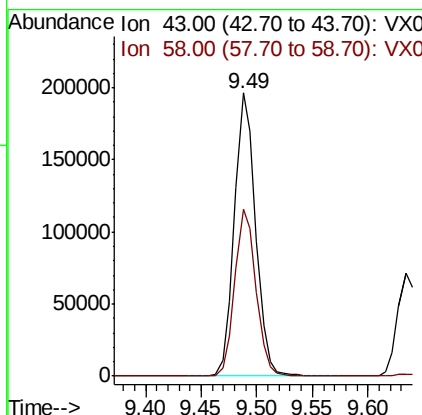
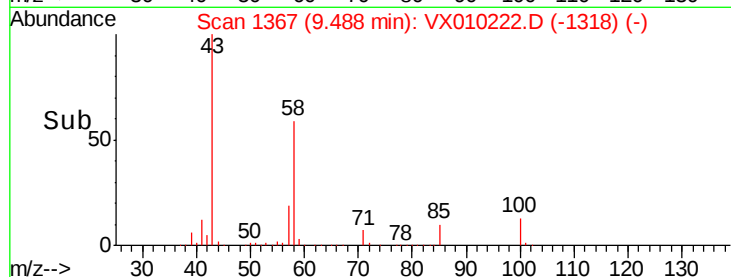
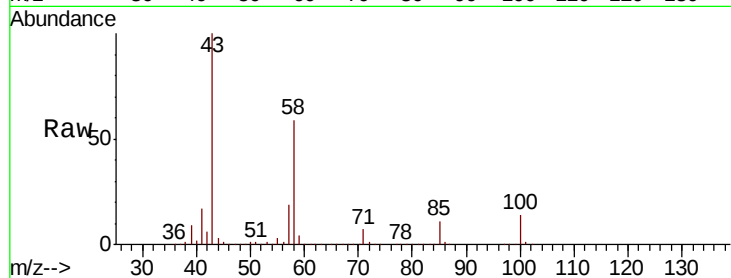




#59
 2-Hexanone
 Concen: 102.339 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

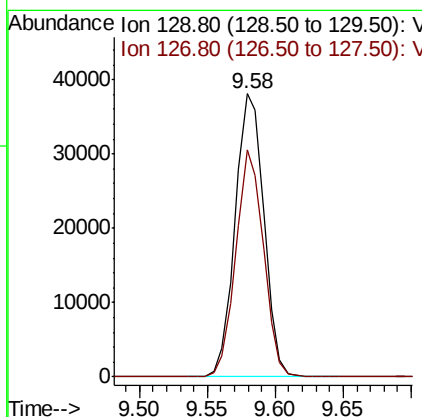
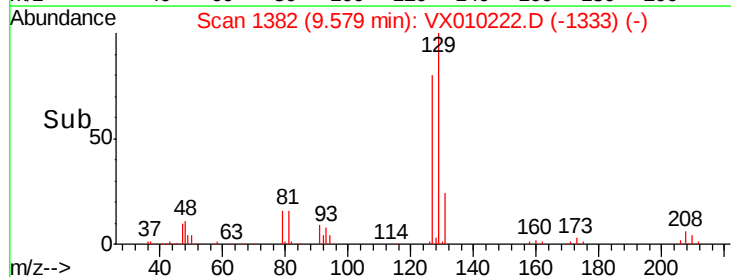
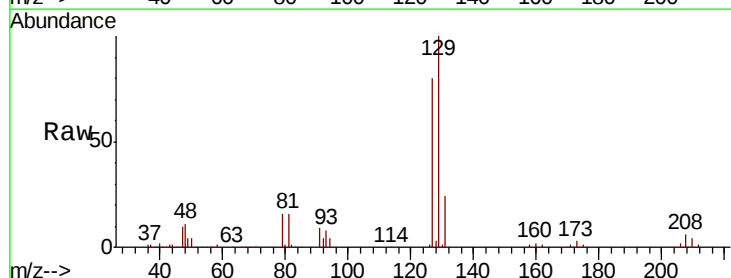
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

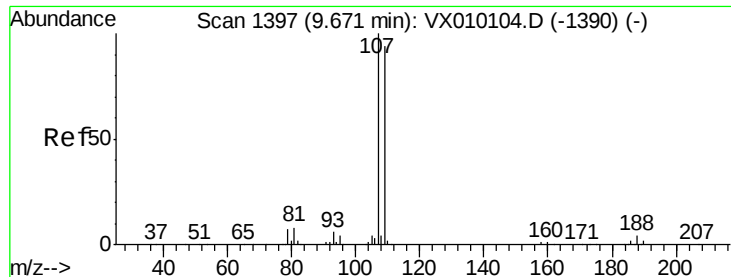
Tot Ion: 43 Resp: 258819
 Ion Ratio Lower Upper
 43 100
 58 59.2 25.1 75.3



#60
 Dibromochloromethane
 Concen: 18.655 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

Tgt Ion: 129 Resp: 56063
 Ion Ratio Lower Upper
 129 100
 127 77.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.005 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

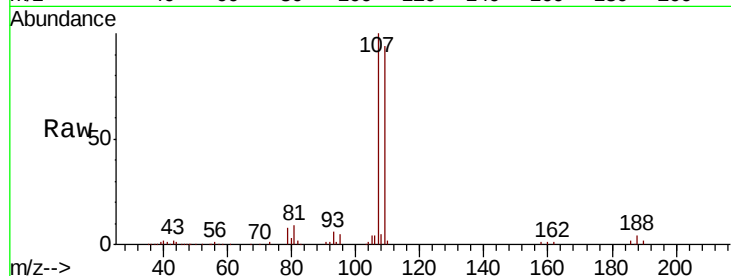
VX0611WBS01

Tot Ion:107 Resp: 53778

Ion Ratio Lower Upper

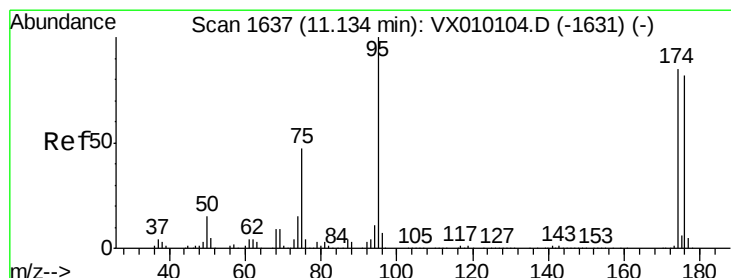
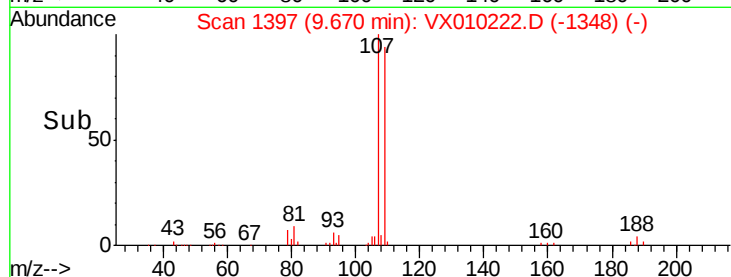
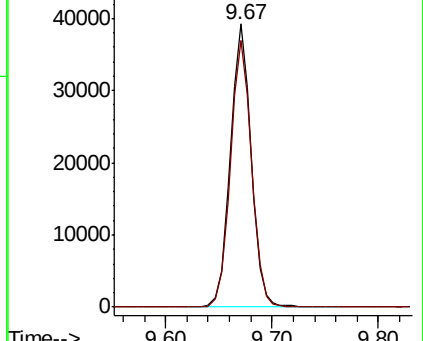
107 100

109 95.3 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.999 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

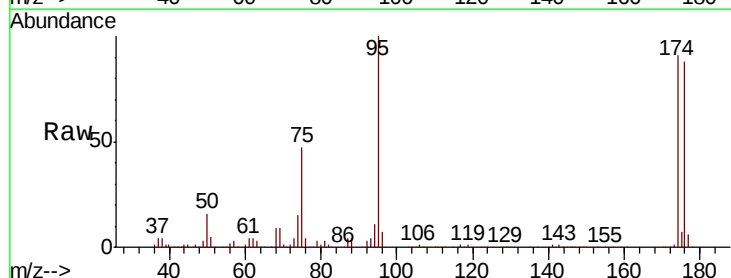
Tgt Ion: 95 Resp: 155026

Ion Ratio Lower Upper

95 100

174 94.5 0.0 160.4

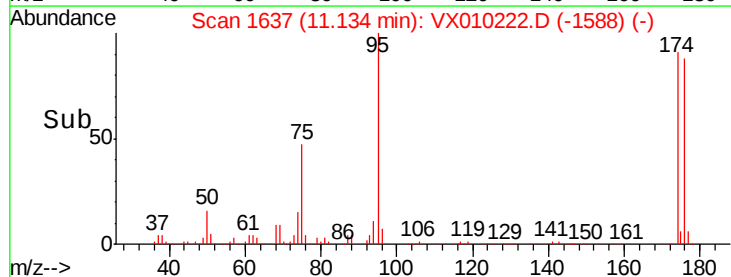
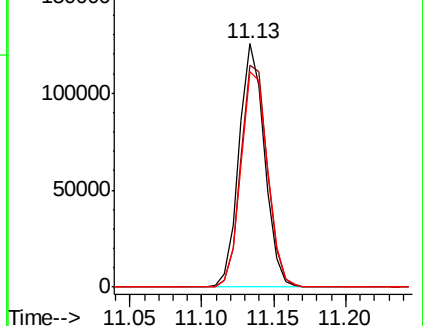
176 92.5 0.0 154.6

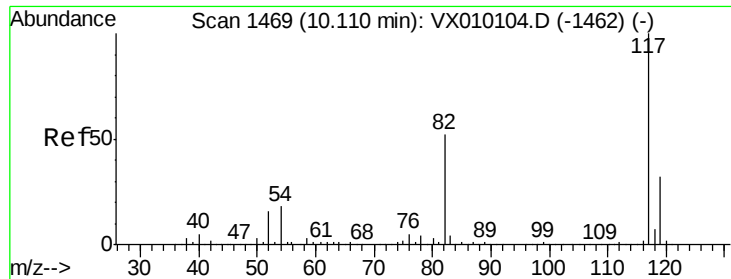


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

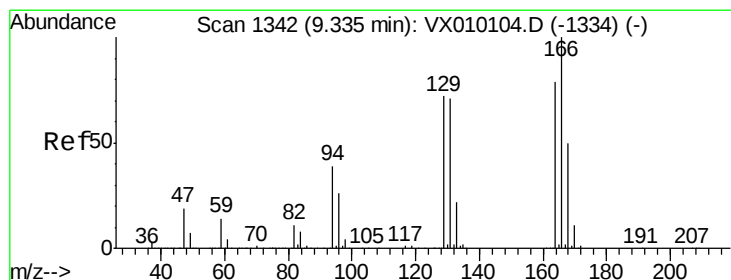
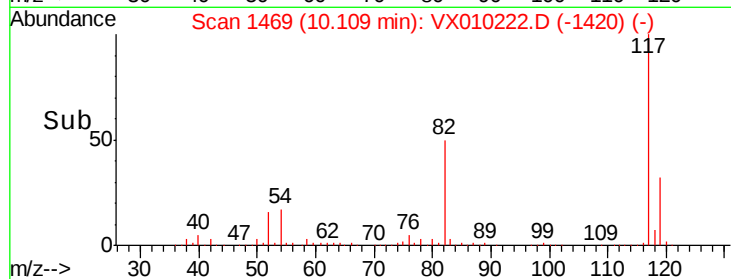
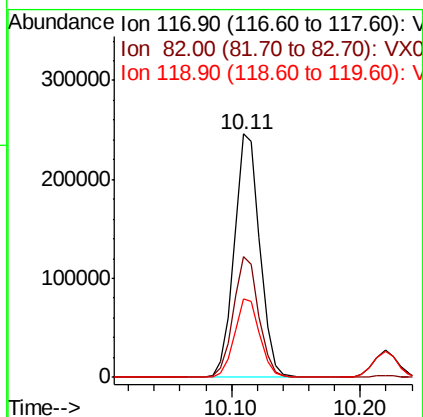
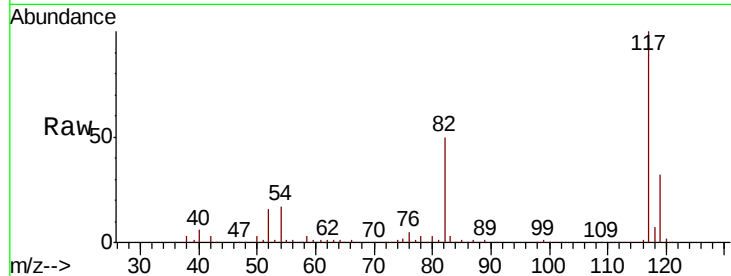




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

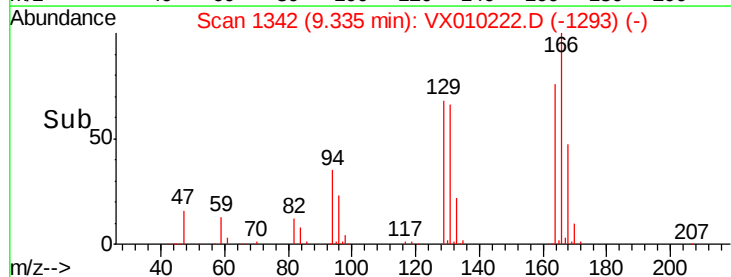
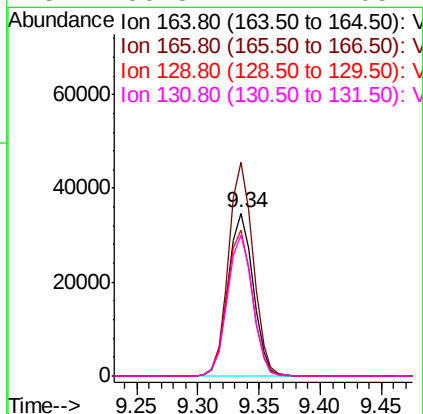
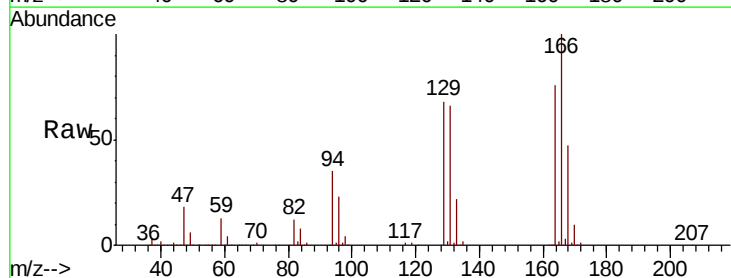
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

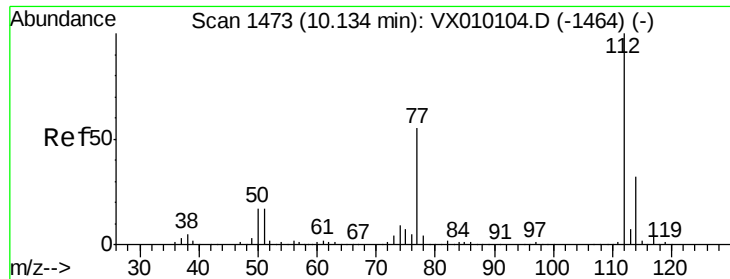
Tot Ion:117 Resp: 339686
Ion Ratio Lower Upper
117 100
82 49.8 49.2 73.8
119 32.4 25.2 37.8



#64
Tetrachloroethene
Concen: 19.503 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion:164 Resp: 49204
Ion Ratio Lower Upper
164 100
166 131.3 105.0 157.4
129 89.4 75.1 112.7
131 86.8 72.2 108.4

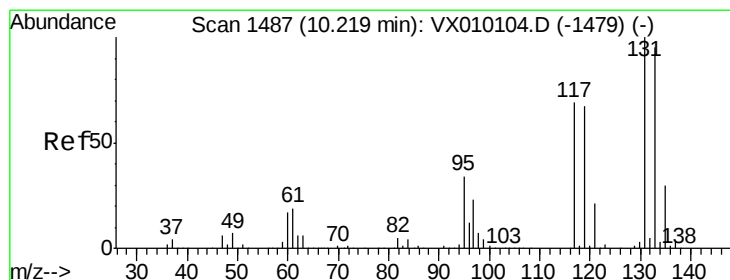
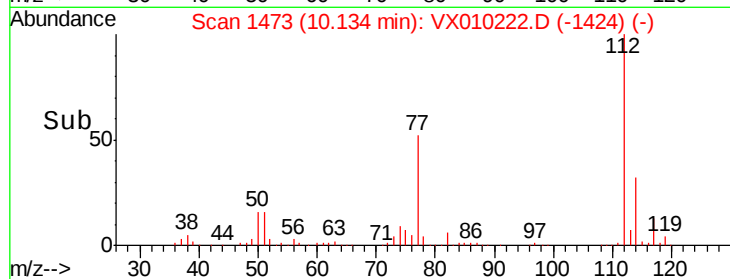
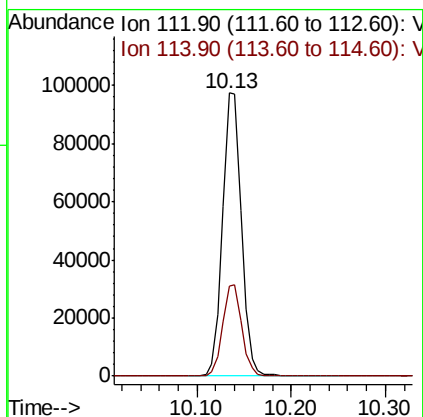
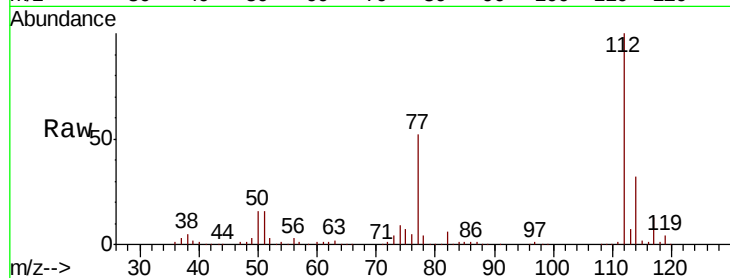




#65
Chlorobenzene
Concen: 19.335 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

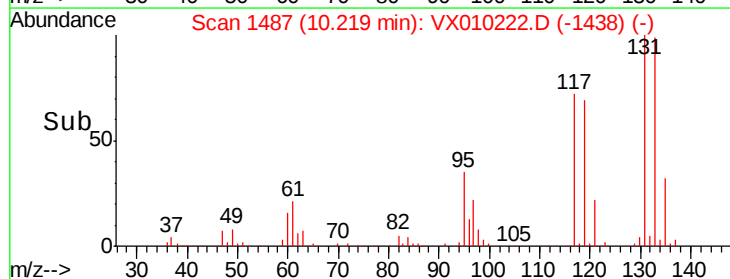
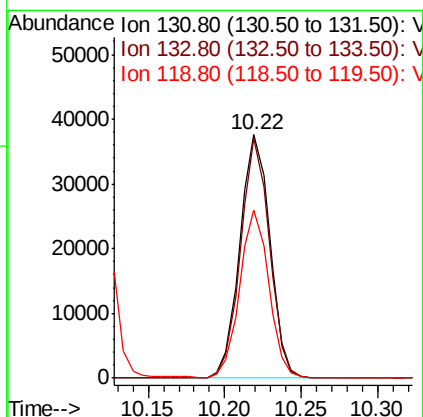
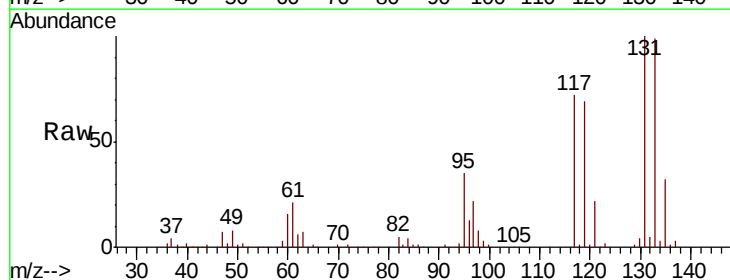
Instrument :
MSVOA_X
ClientSampled :
VX0611WBS01

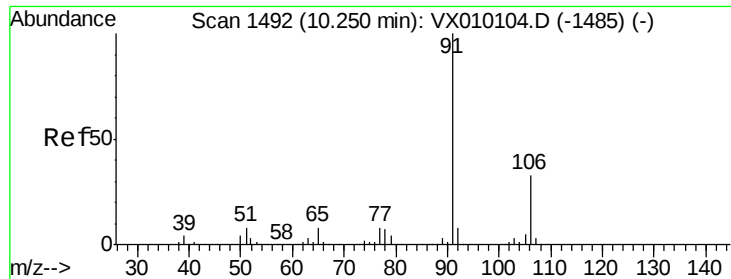
Tot Ion:112 Resp: 135555
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.013 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion:131 Resp: 51260
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 67.4 33.4 100.1





#67

Ethyl Benzene

Concen: 19.170 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampled :

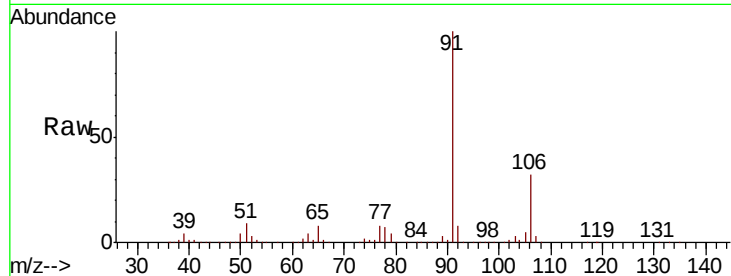
VX0611WBS01

Tot Ion: 91 Resp: 228796

Ion Ratio Lower Upper

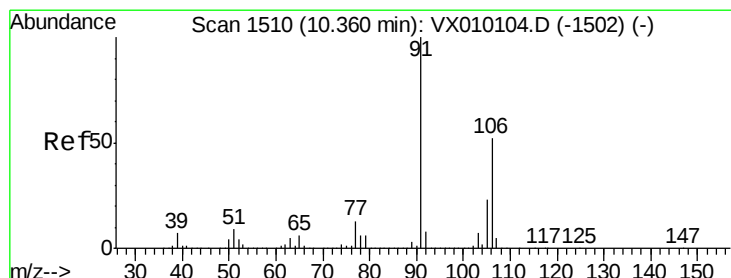
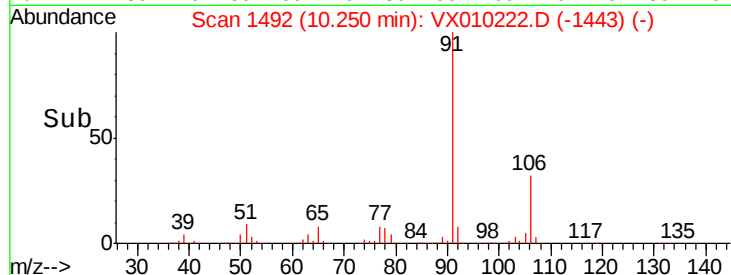
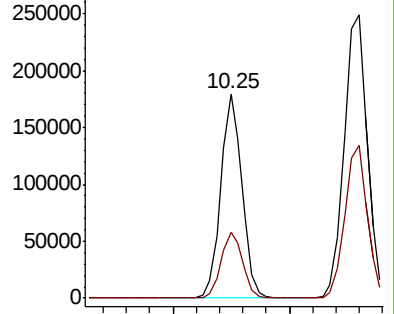
91 100

106 32.3 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.369 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010222.D

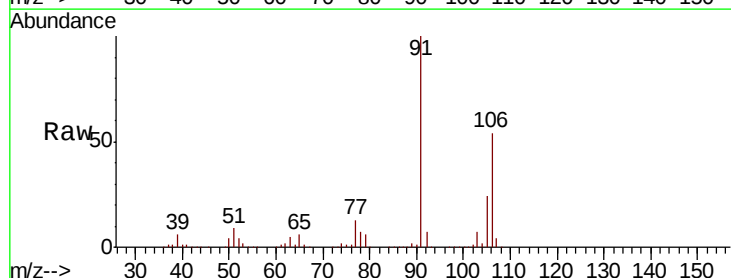
Acq: 11 Jun 2019 11:11

Tgt Ion: 106 Resp: 181825

Ion Ratio Lower Upper

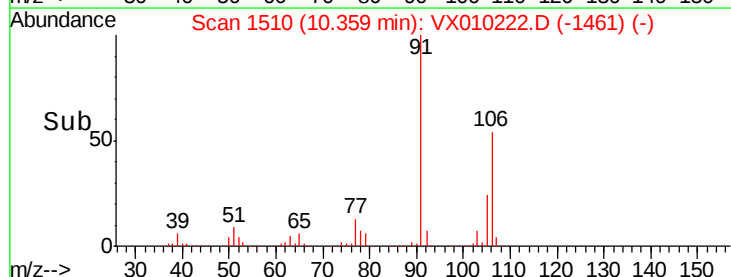
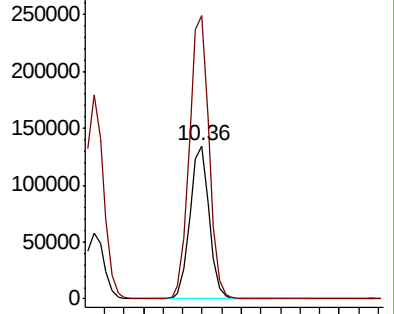
106 100

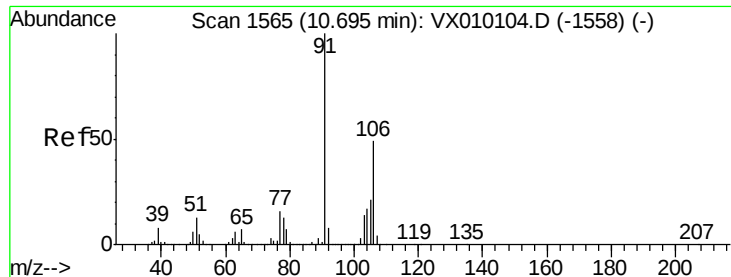
91 189.9 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

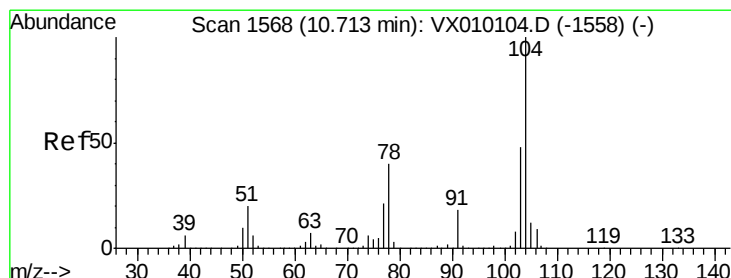
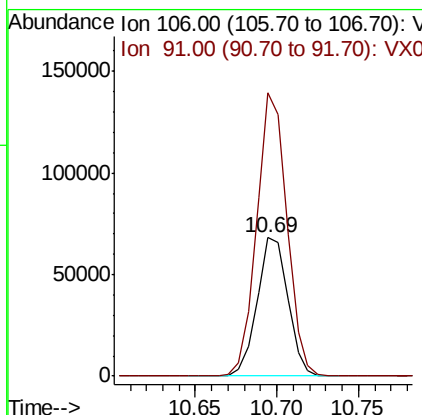
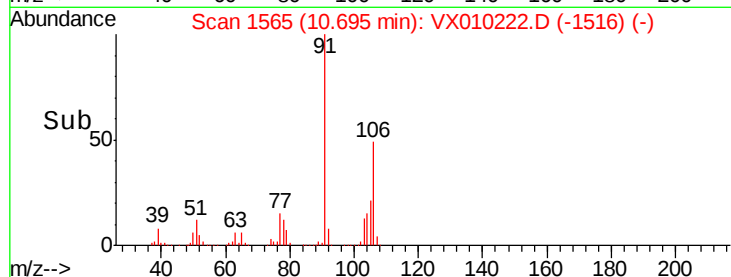
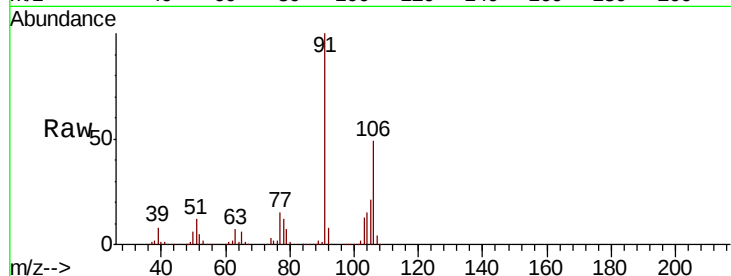




#69
o-Xylene
Concen: 19.656 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

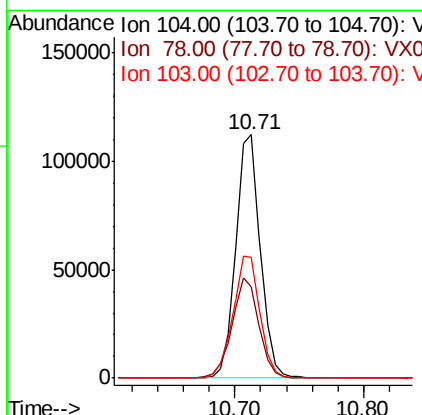
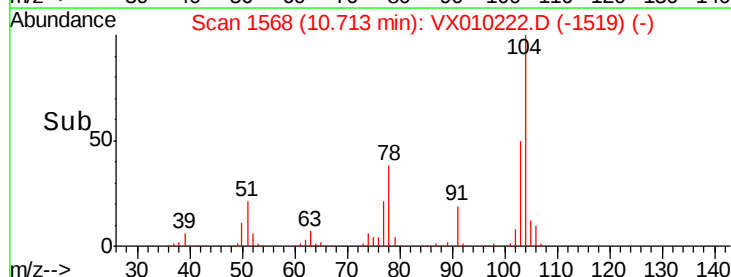
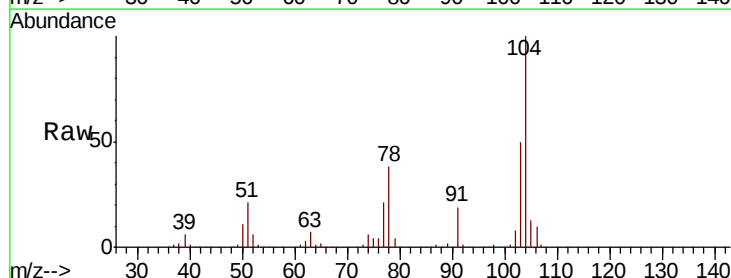
Instrument :
MSVOA_X
ClientSampled :
VX0611WBS01

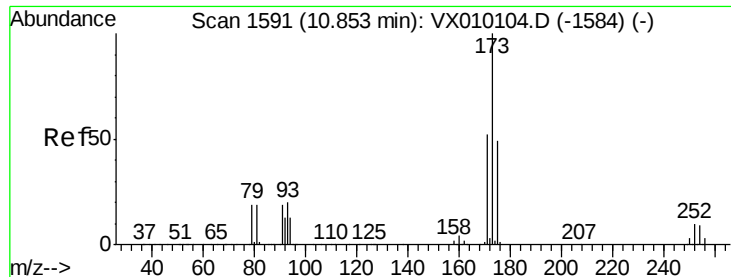
Tot Ion:106 Resp: 90241
Ion Ratio Lower Upper
106 100
91 199.6 110.4 331.2



#70
Styrene
Concen: 19.183 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion:104 Resp: 149161
Ion Ratio Lower Upper
104 100
78 45.1 42.1 63.1
103 55.3 44.1 66.1





#71

Bromoform

Concen: 18.571 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampled :

VX0611WBS01

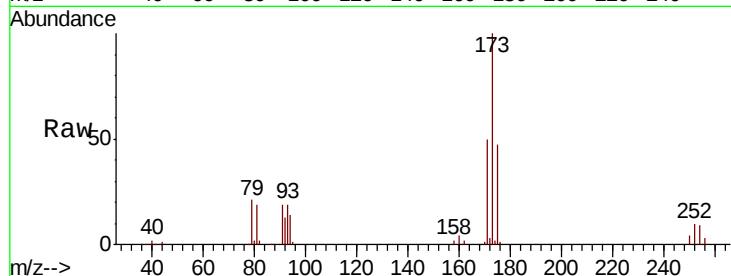
Tot Ion:173 Resp: 46029

Ion Ratio Lower Upper

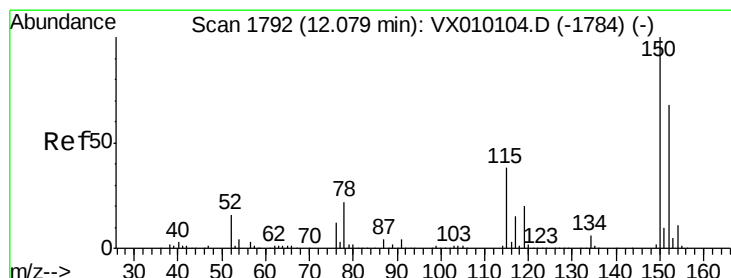
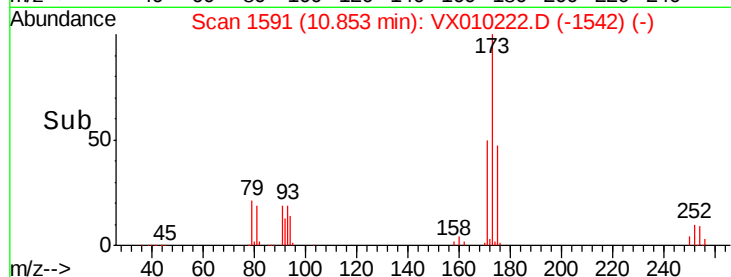
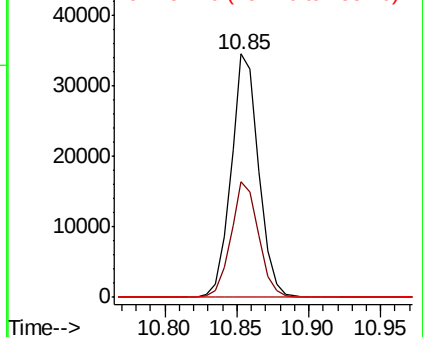
173 100

175 47.6 25.0 75.0

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): 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: VX010222.D

Acq: 11 Jun 2019 11:11

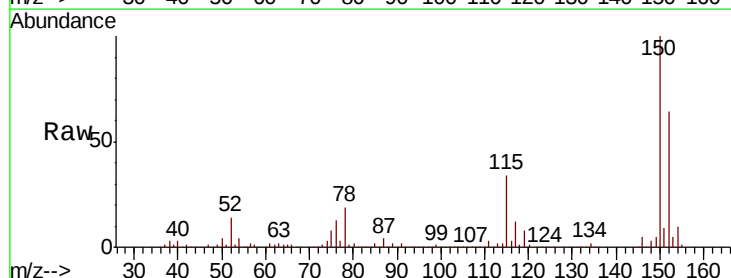
Tgt Ion:152 Resp: 178560

Ion Ratio Lower Upper

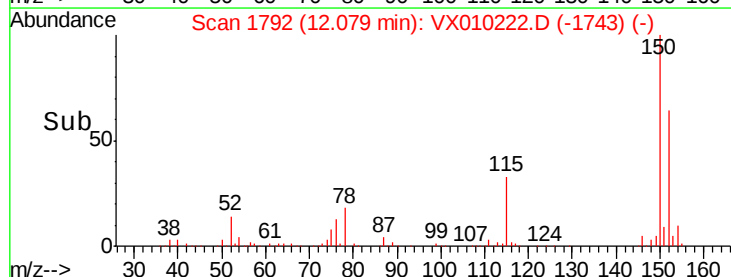
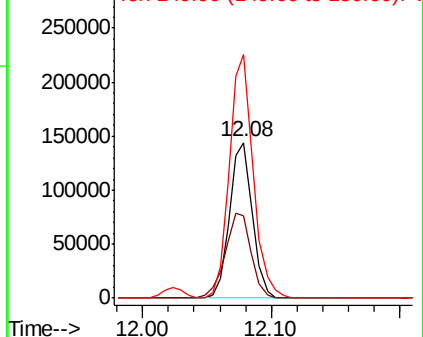
152 100

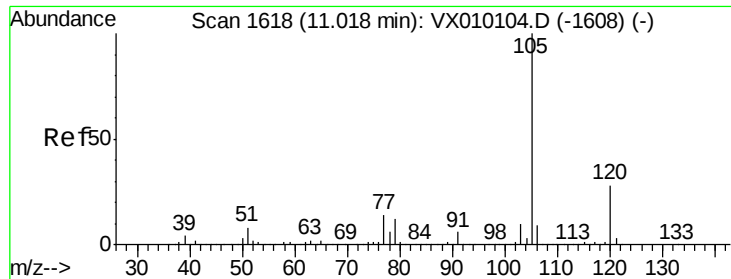
115 62.4 41.4 124.2

150 163.4 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





#73

Isopropylbenzene

Concen: 18.660 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

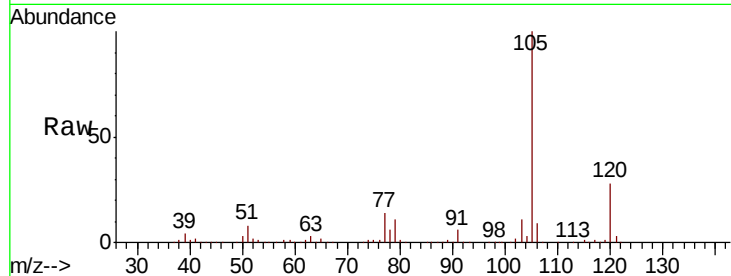
VX0611WBS01

Tot Ion:105 Resp: 232596

Ion Ratio Lower Upper

105 100

120 28.5 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

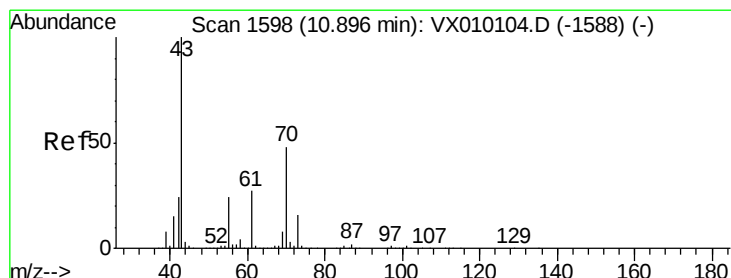
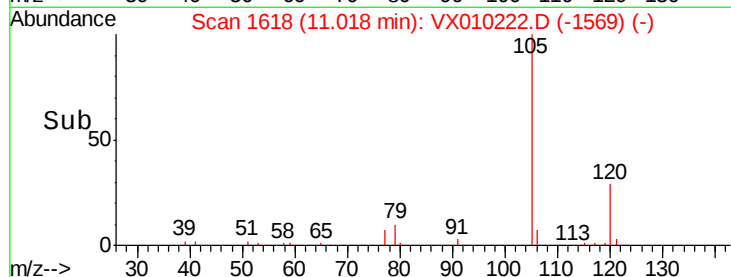
50000

0

11.02

11.00

Time-->



#74

N-ethyl acetate

Concen: 18.780 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Tgt Ion: 43 Resp: 92532

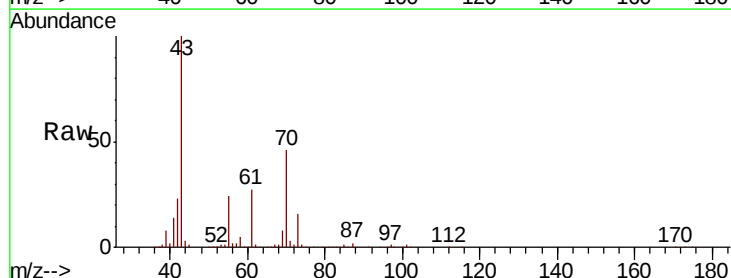
Ion Ratio Lower Upper

43 100

70 46.4 28.6 43.0#

55 24.0 17.8 26.8

61 26.6 17.7 26.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

120000

100000

80000

60000

40000

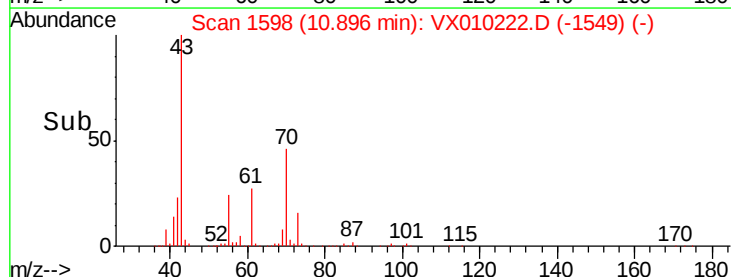
20000

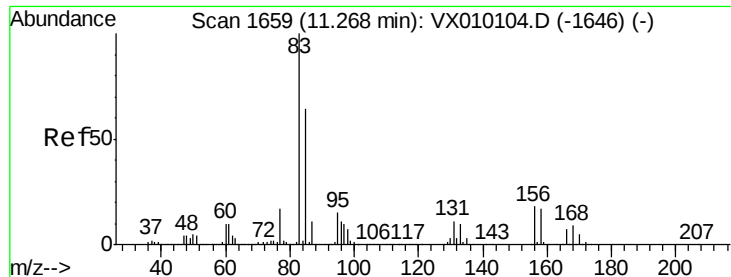
0

10.90

10.80

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.630 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

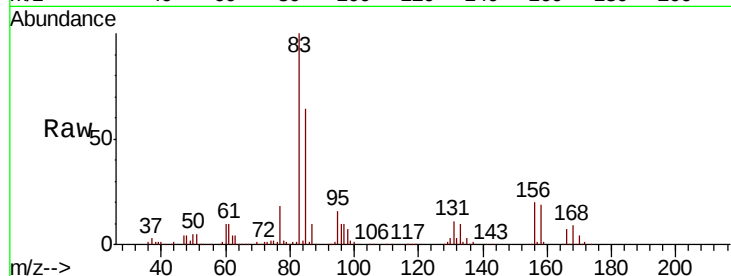
Tot Ion: 83 Resp: 79490

Ion Ratio Lower Upper

83 100

131 10.9 4.7 14.1

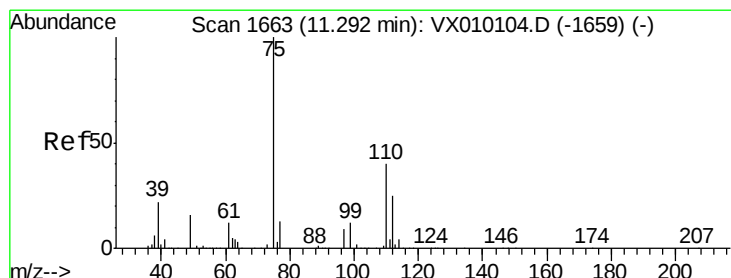
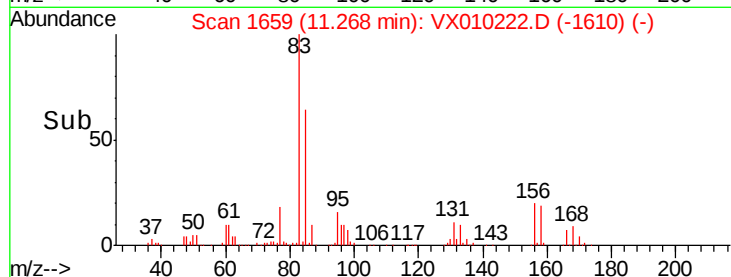
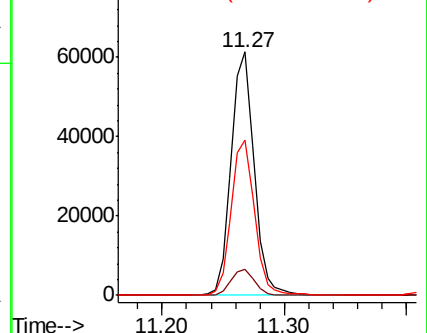
85 64.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.307 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010222.D

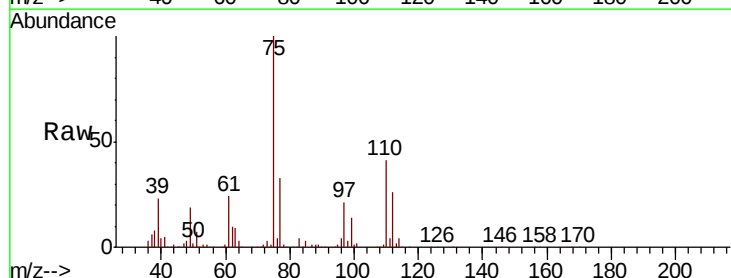
Acq: 11 Jun 2019 11:11

Tgt Ion: 75 Resp: 86813

Ion Ratio Lower Upper

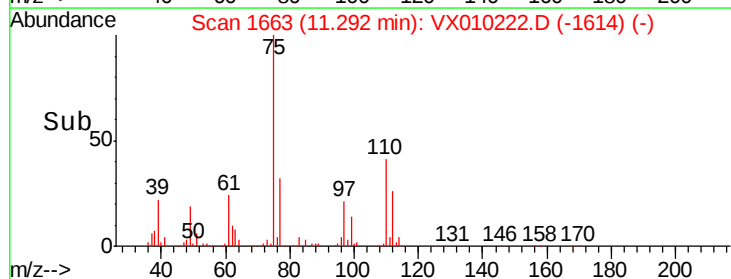
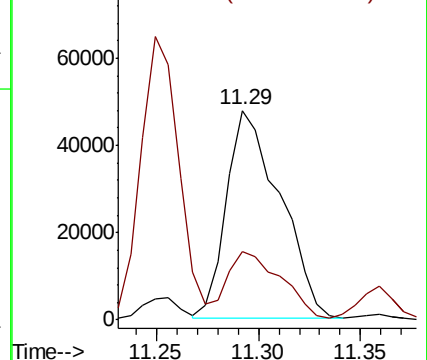
75 100

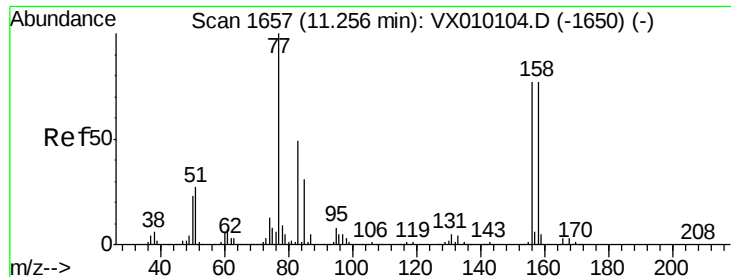
77 33.7 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.112 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

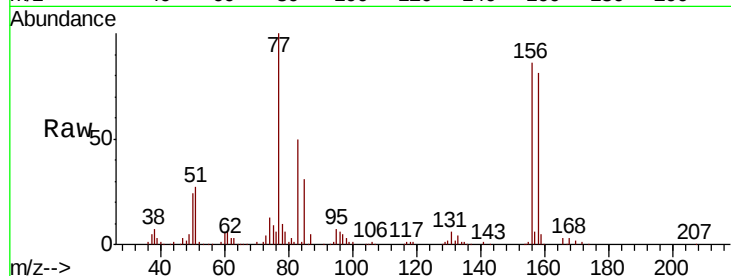
Tot Ion:156 Resp: 65511

Ion Ratio Lower Upper

156 100

77 128.9 86.8 260.3

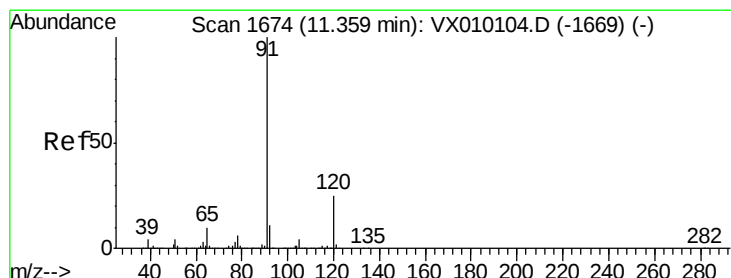
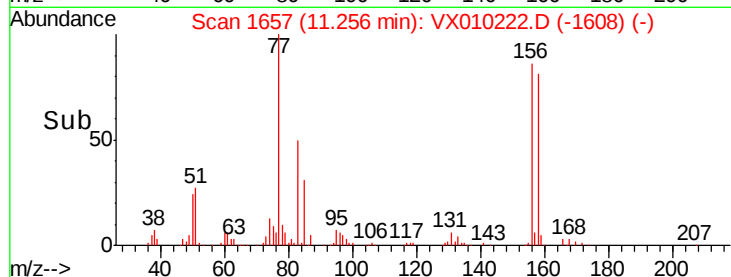
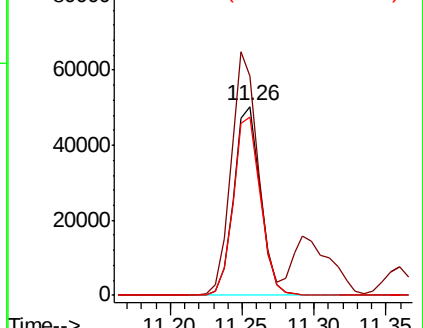
158 96.2 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.500 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010222.D

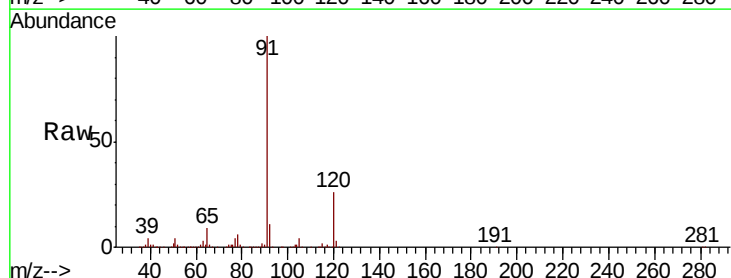
Acq: 11 Jun 2019 11:11

Tgt Ion: 91 Resp: 256724

Ion Ratio Lower Upper

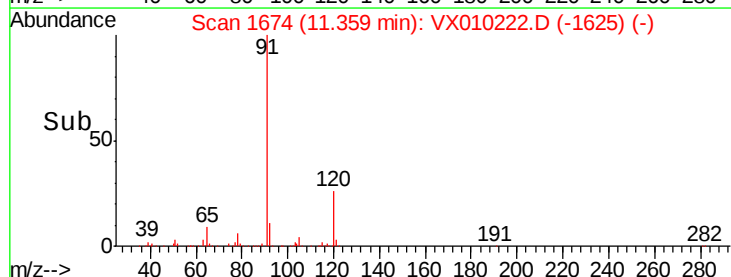
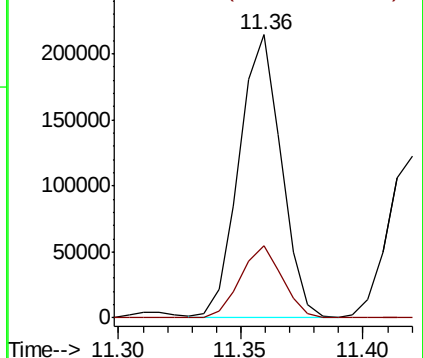
91 100

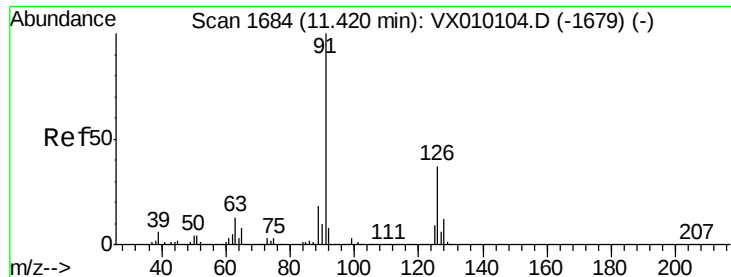
120 25.3 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.179 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

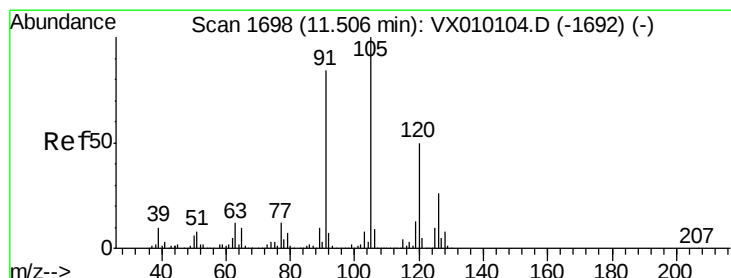
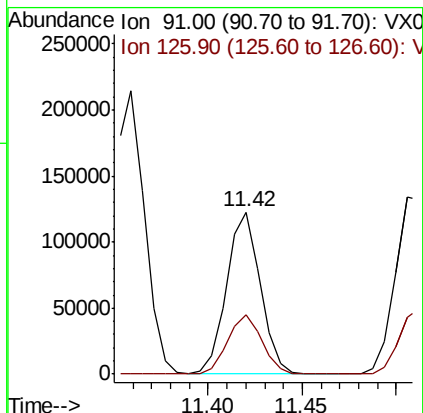
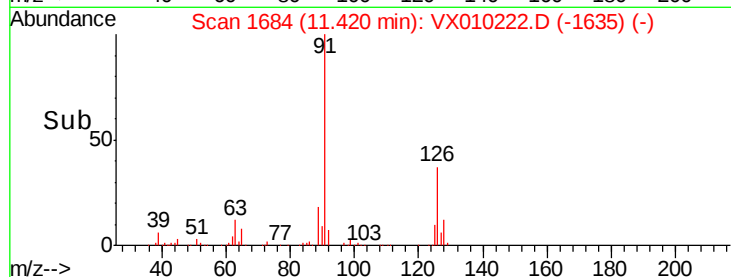
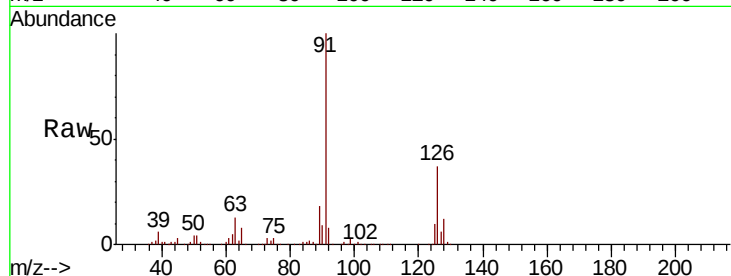
VX0611WBS01

Tot Ion: 91 Resp: 151509

Ion Ratio Lower Upper

91 100

126 37.6 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 18.644 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010222.D

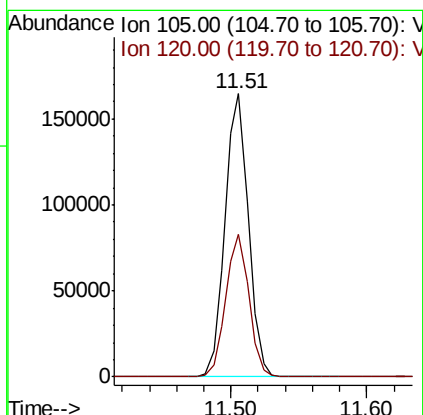
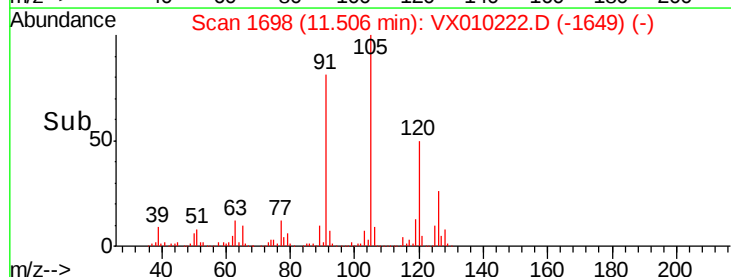
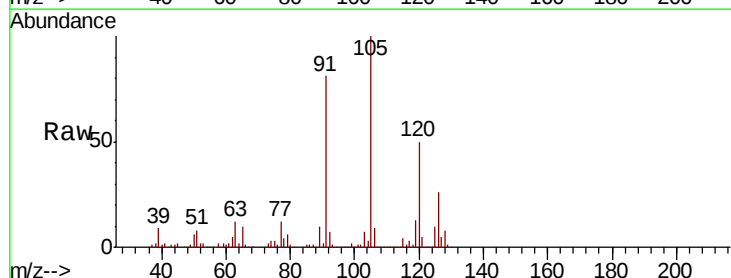
Acq: 11 Jun 2019 11:11

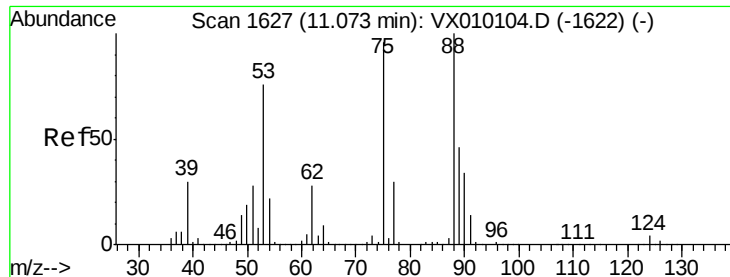
Tgt Ion:105 Resp: 195734

Ion Ratio Lower Upper

105 100

120 50.3 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 16.755 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

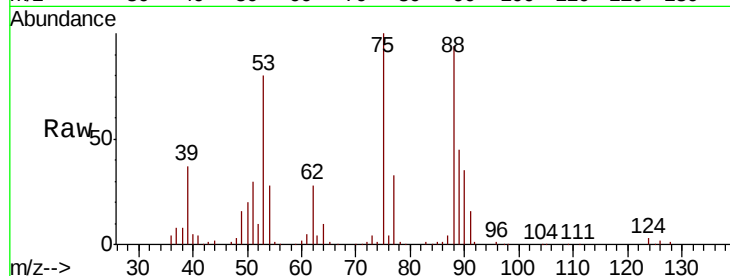
Tot Ion: 75 Resp: 27084

Ion Ratio Lower Upper

75 100

53 82.1 79.8 119.6

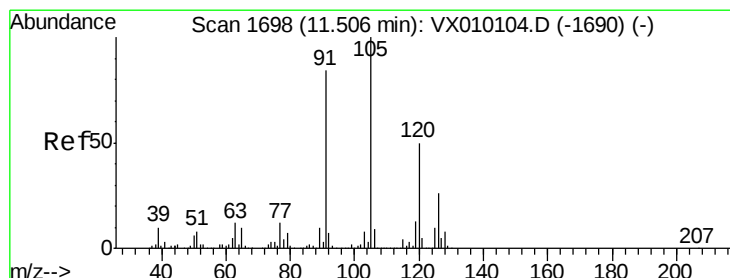
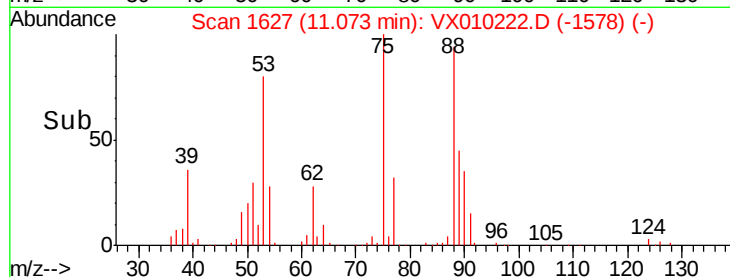
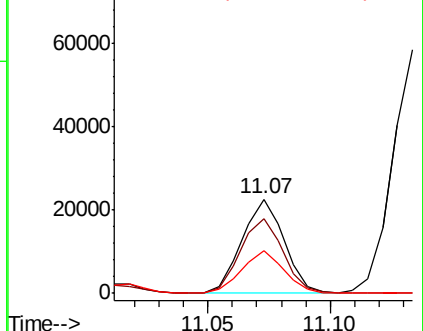
89 46.4 34.2 51.4



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



#82

4-Chlorotoluene

Concen: 18.353 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010222.D

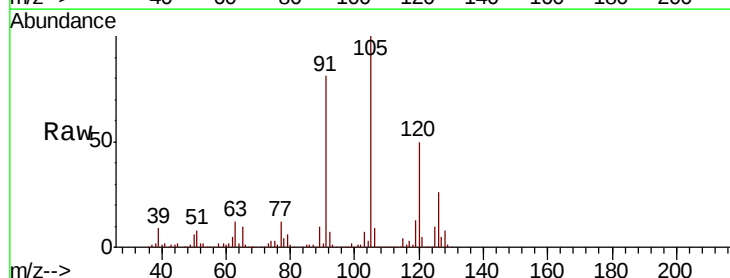
Acq: 11 Jun 2019 11:11

Tgt Ion: 91 Resp: 173760

Ion Ratio Lower Upper

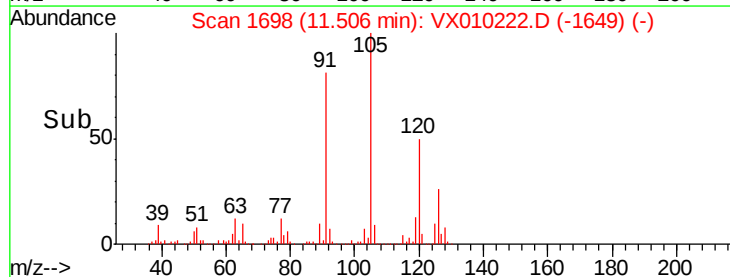
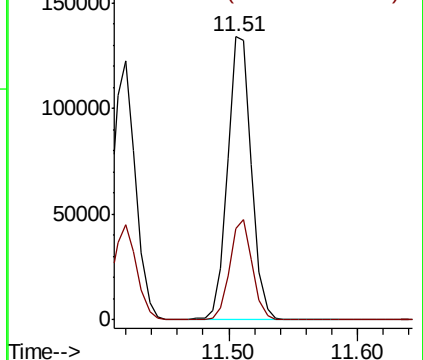
91 100

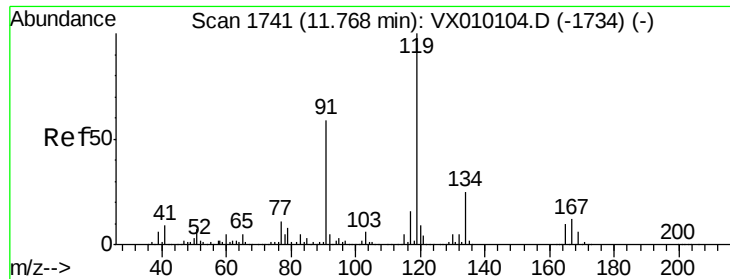
126 33.4 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

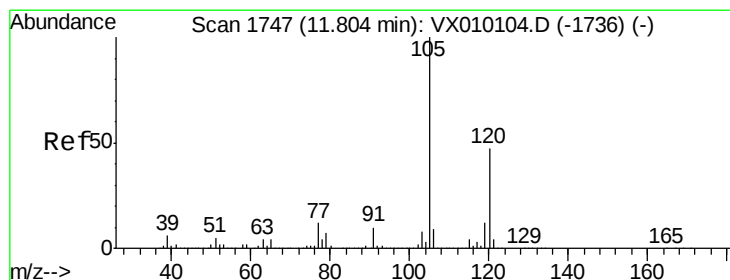
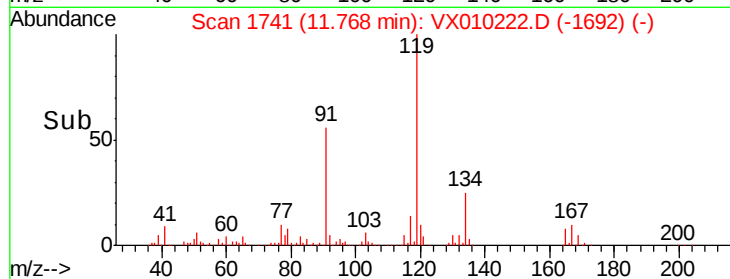
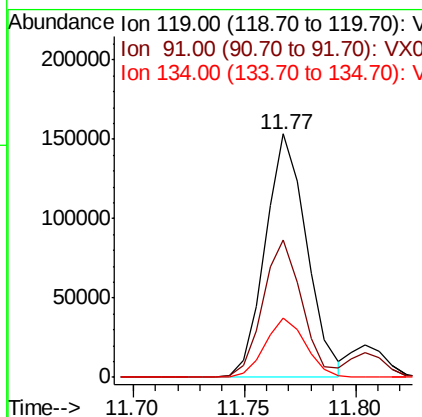
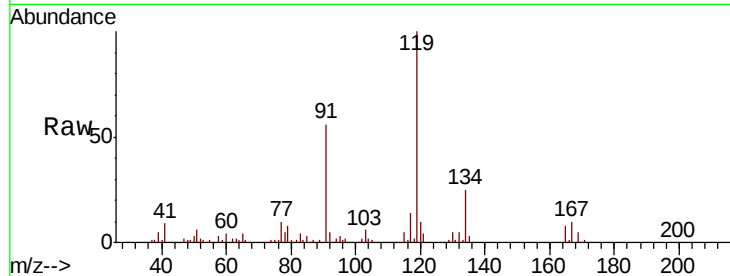




#83
 tert-Butylbenzene
 Concen: 18.645 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

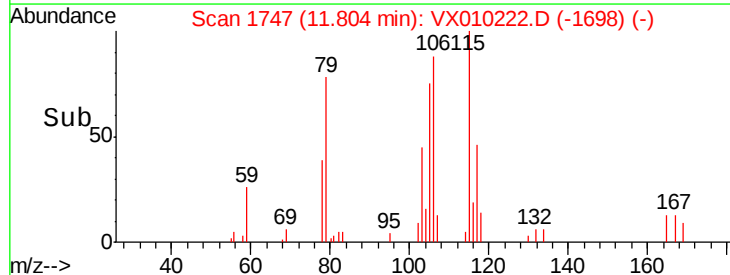
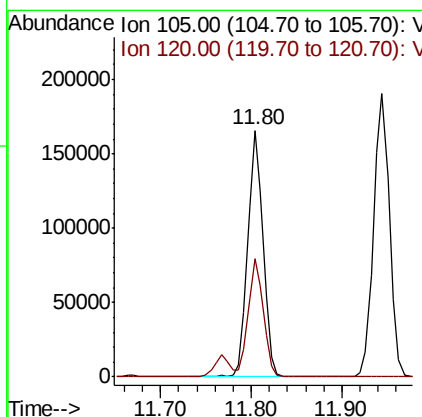
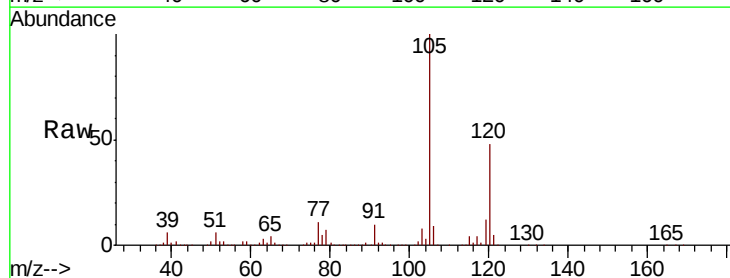
Instrument :
 MSVOA_X
 ClientSampled :
 VX0611WBS01

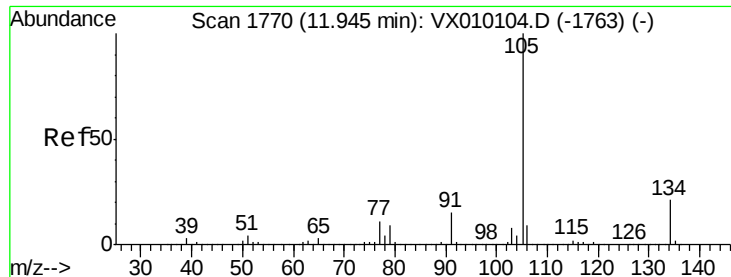
Tot Ion:119 Resp: 198127
 Ion Ratio Lower Upper
 119 100
 91 53.7 30.0 90.0
 134 23.8 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 18.411 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

Tgt Ion:105 Resp: 195238
 Ion Ratio Lower Upper
 105 100
 120 47.6 22.1 66.1





#85

sec-Butylbenzene

Concen: 18.608 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

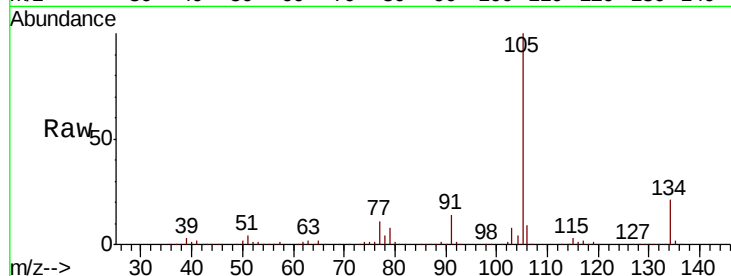
VX0611WBS01

Tot Ion:105 Resp: 230359

Ion Ratio Lower Upper

105 100

134 21.4 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

200000

150000

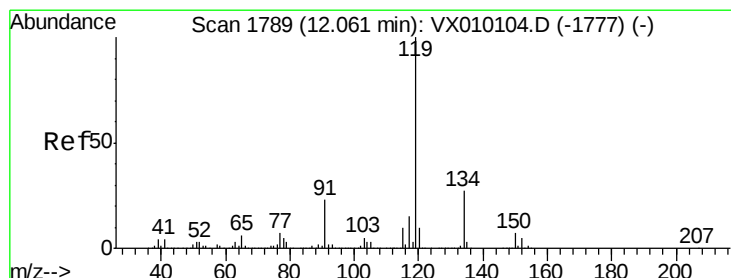
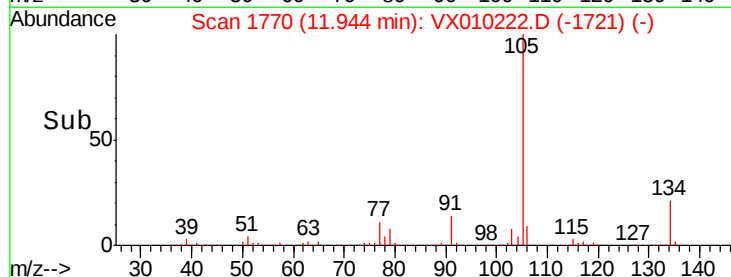
100000

50000

0

Time-->

11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 18.874 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

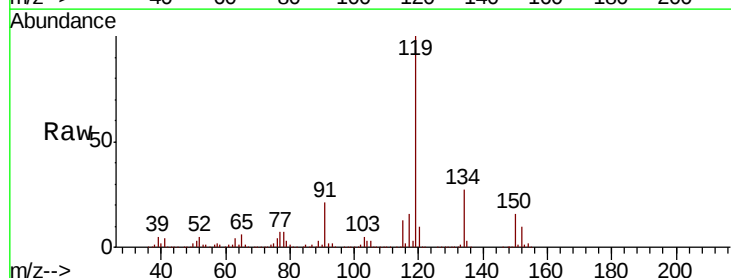
Tgt Ion:119 Resp: 213608

Ion Ratio Lower Upper

119 100

134 28.0 12.9 38.6

91 21.9 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

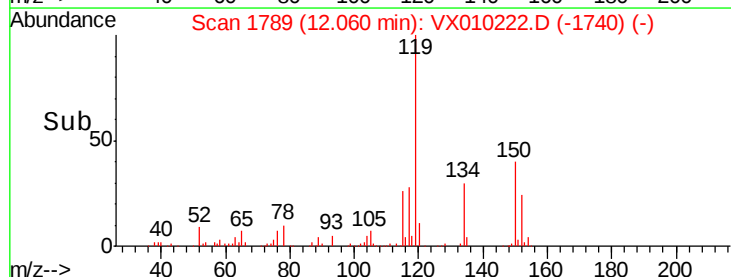
100000

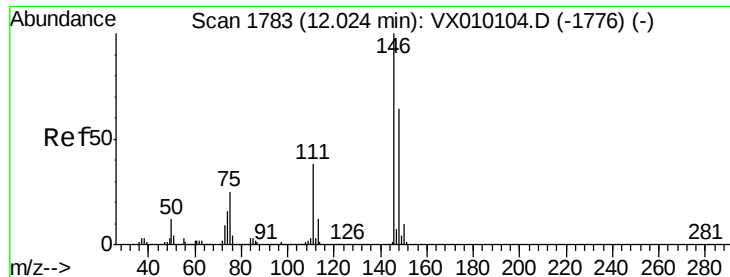
50000

0

Time-->

12.00 12.10 12.20

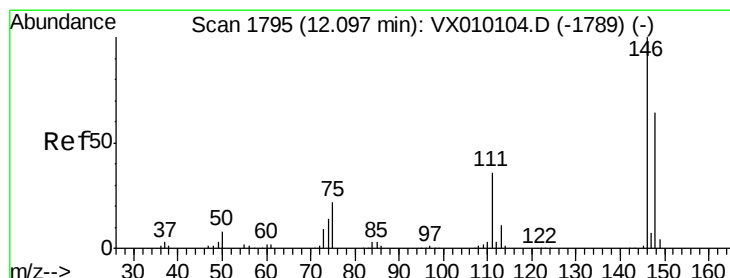
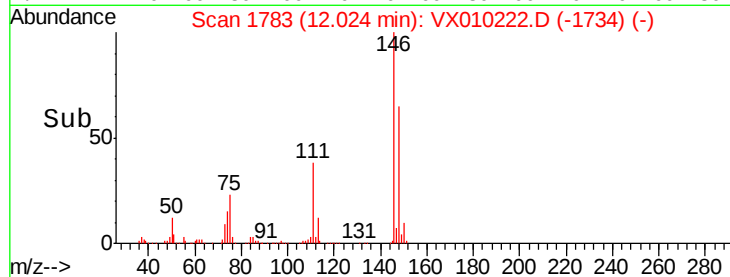
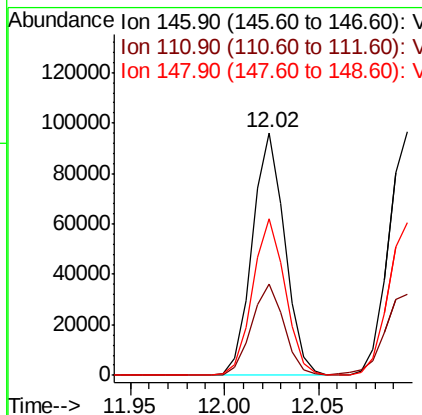
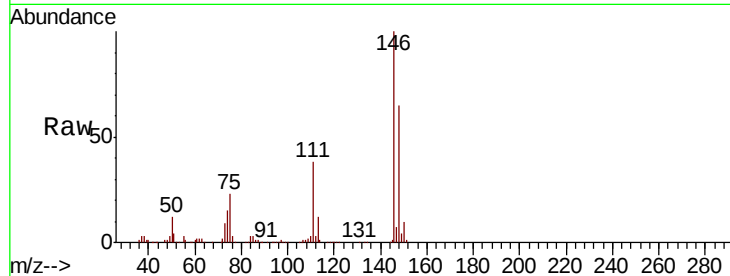




#87
 1,3-Dichlorobenzene
 Concen: 19.034 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

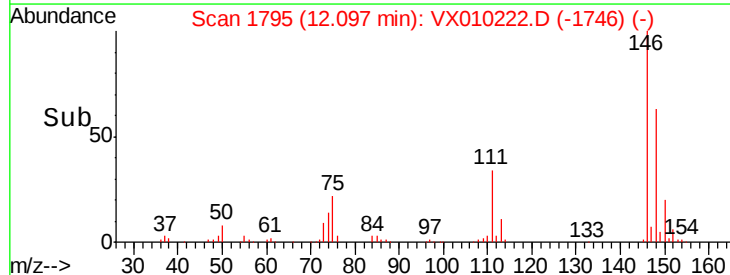
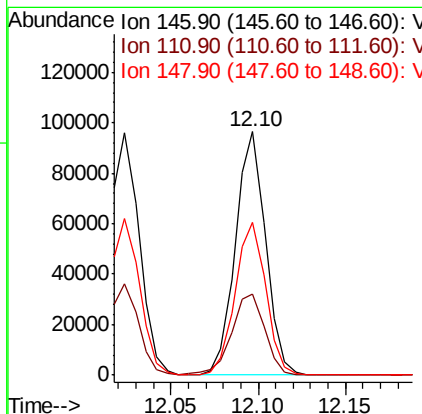
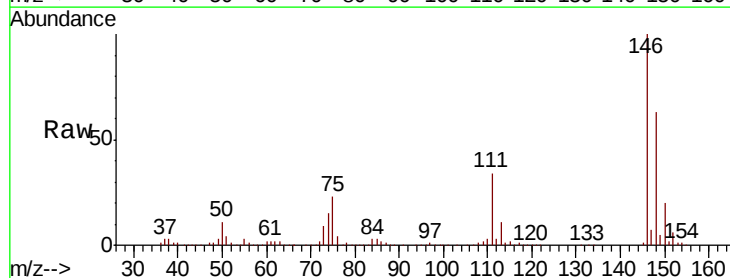
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

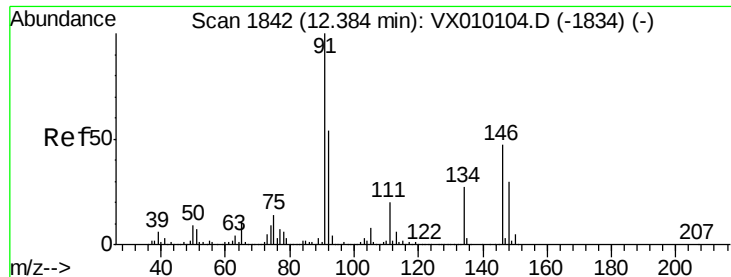
Tot Ion:146 Resp: 114921
 Ion Ratio Lower Upper
 146 100
 111 37.5 20.1 60.2
 148 64.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.956 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

Tgt Ion:146 Resp: 115374
 Ion Ratio Lower Upper
 146 100
 111 37.1 20.0 59.9
 148 64.2 32.3 96.9

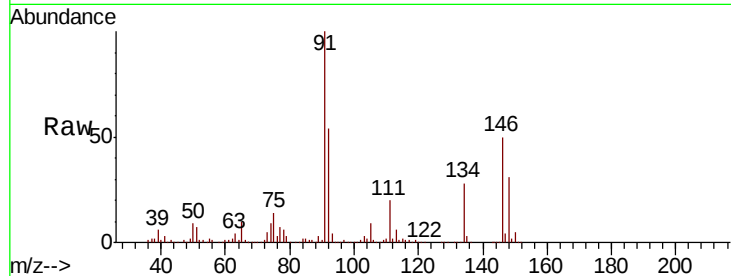




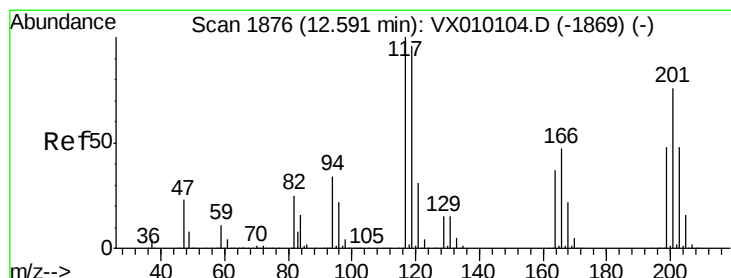
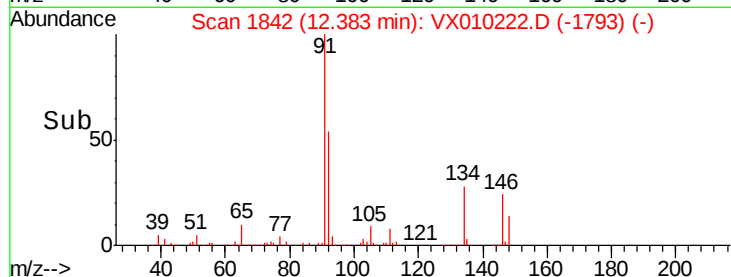
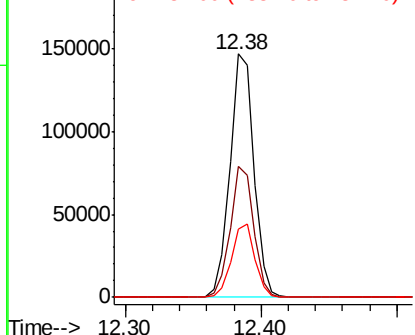
#89
n-Butylbenzene
Concen: 18.473 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion: 91 Resp: 179961
Ion Ratio Lower Upper
91 100
92 52.7 26.3 78.8
134 29.4 12.3 36.8

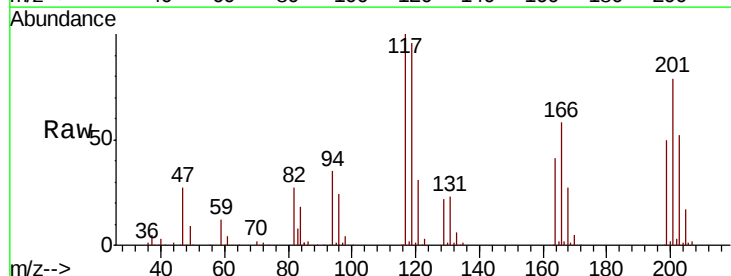


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

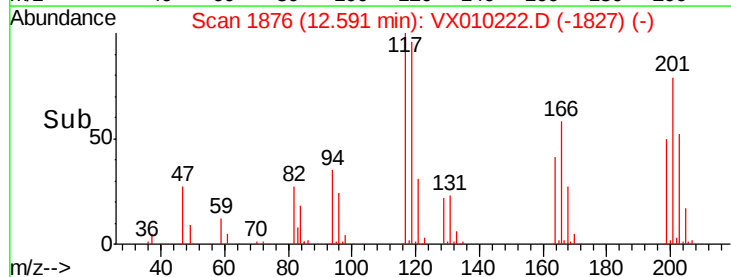
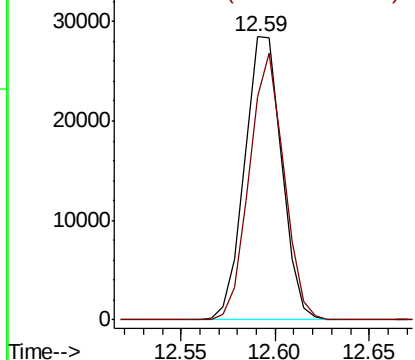


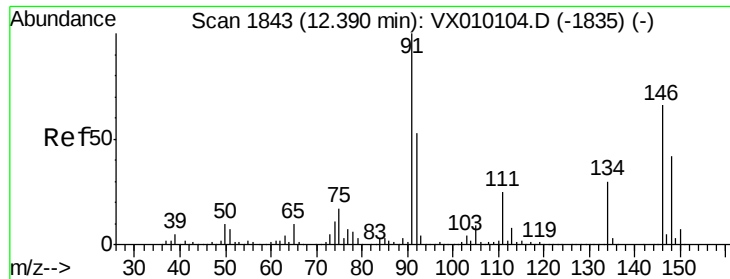
#90
Hexachloroethane
Concen: 17.250 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion: 117 Resp: 38889
Ion Ratio Lower Upper
117 100
201 87.9 43.6 130.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

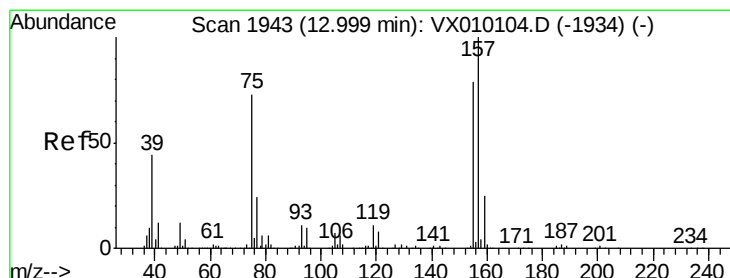
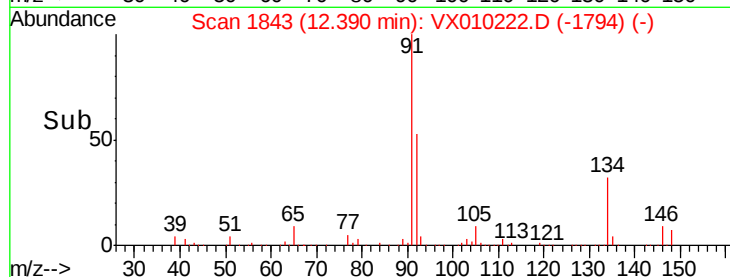
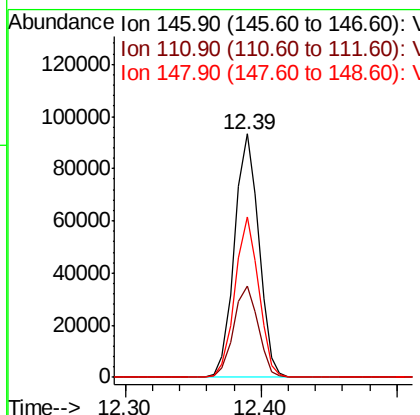
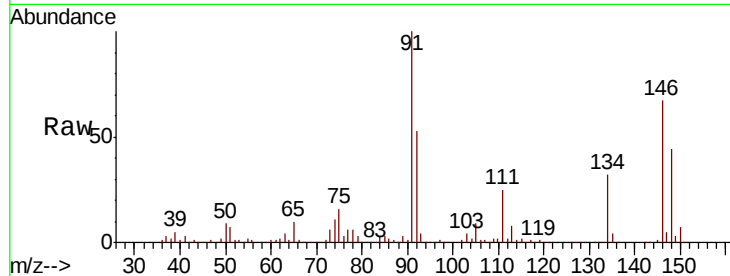




#91
 1,2-Dichlorobenzene
 Concen: 19.778 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

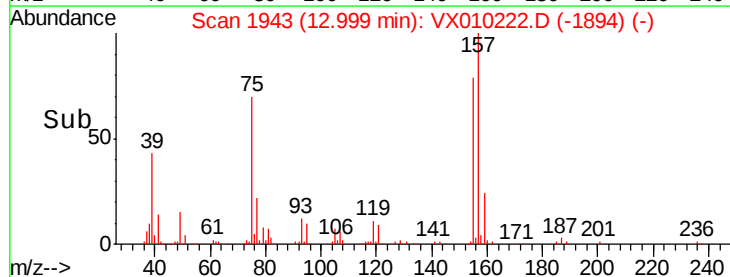
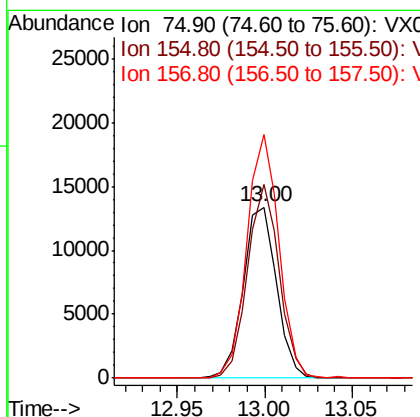
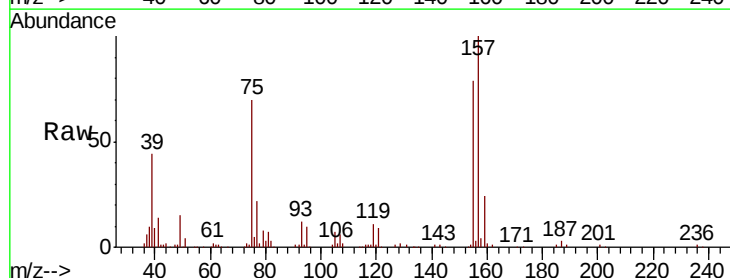
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Tot Ion:146 Resp: 116090
 Ion Ratio Lower Upper
 146 100
 111 37.9 21.1 63.1
 148 64.1 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.618 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

Tgt Ion: 75 Resp: 17689
 Ion Ratio Lower Upper
 75 100
 155 108.0 39.3 117.8
 157 137.2 50.6 151.8

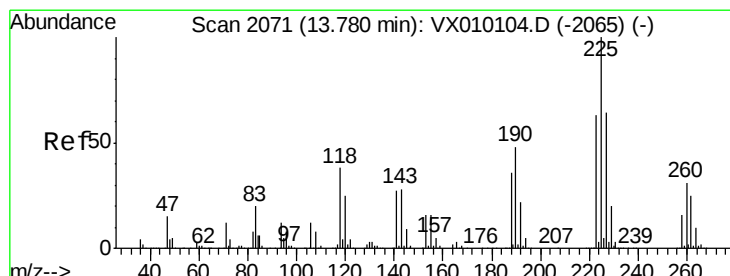
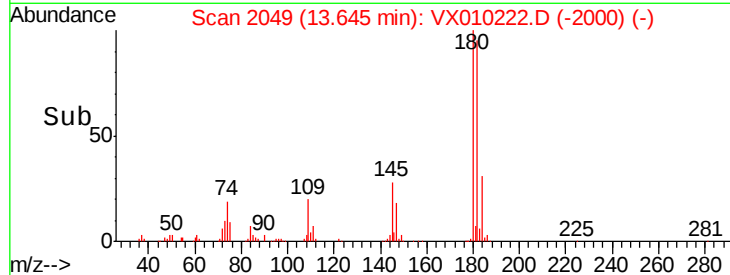
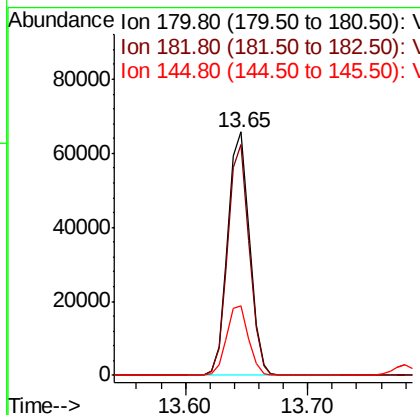
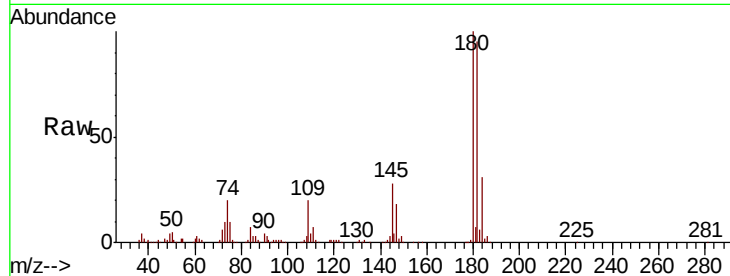




#93
 1,2,4-Trichlorobenzene
 Concen: 18.798 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

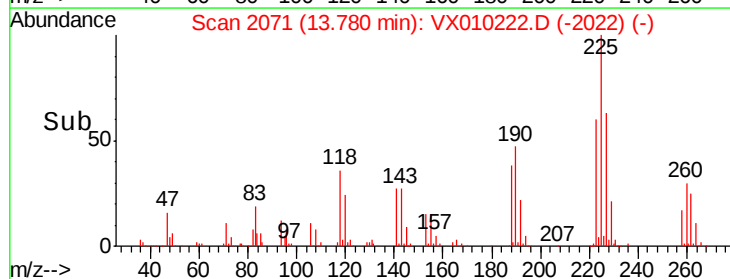
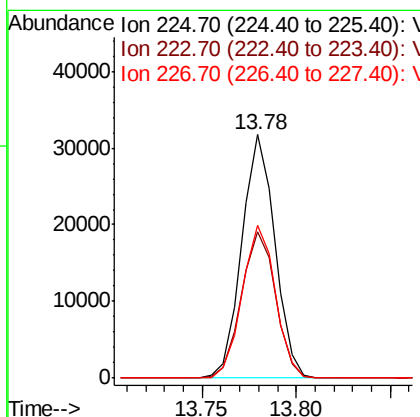
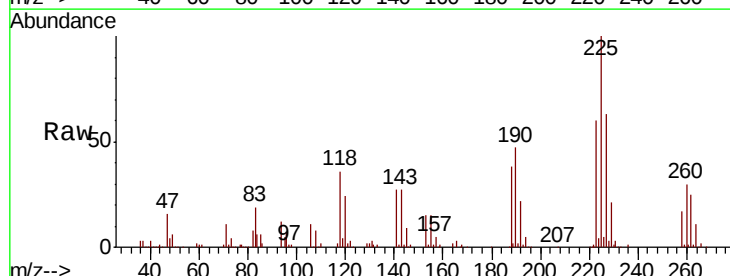
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

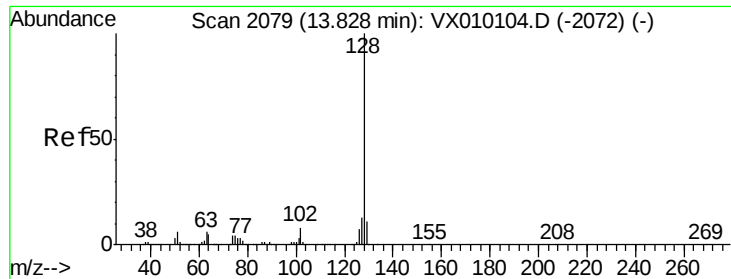
Tot Ion:180 Resp: 80766
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.4 142.2
 145 28.9 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 20.214 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

Tgt Ion:225 Resp: 38626
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.3 93.8
 227 63.0 32.3 96.8





#95

Naphthalene

Concen: 18.872 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampled :

VX0611WBS01

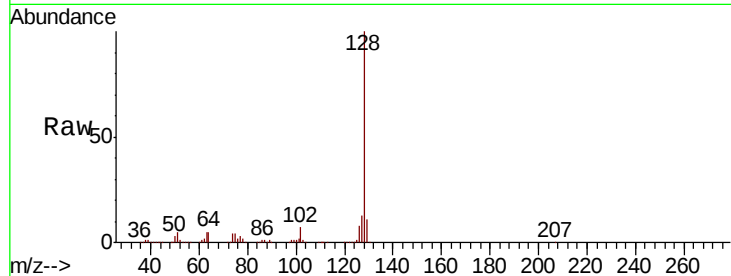
Tot Ion:128 Resp: 255253

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

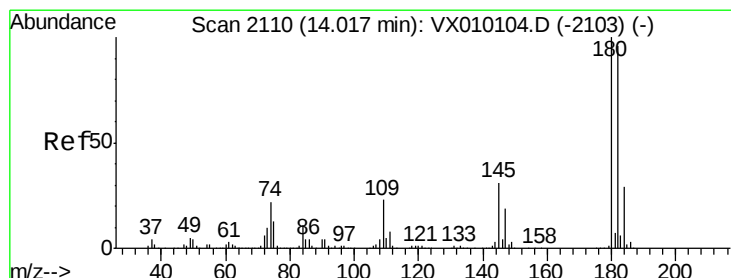
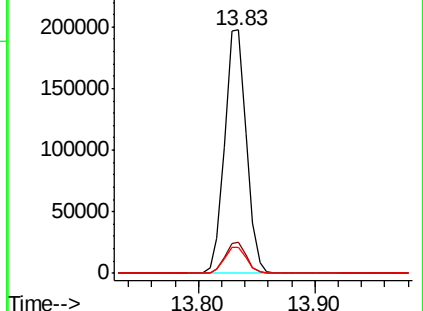
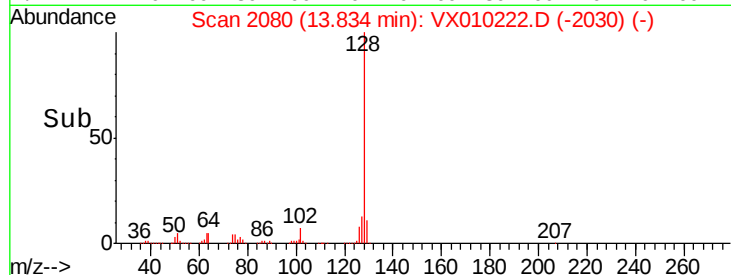
129 10.8 8.8 13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 18.907 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

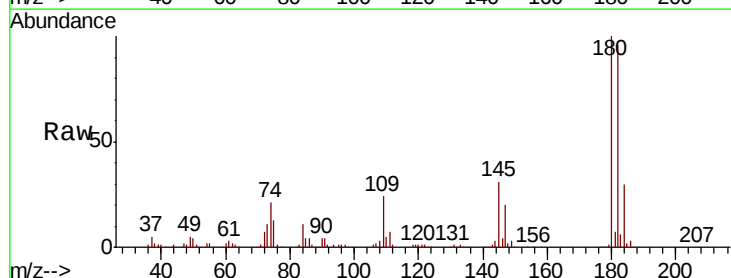
Tgt Ion:180 Resp: 80321

Ion Ratio Lower Upper

180 100

182 96.4 47.3 142.0

145 30.6 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

