

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
 Data File : VX010292.D
 Acq On : 14 Jun 2019 11:59
 Operator : JC/SP
 Sample : VX0614WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBS01

Quant Time: Jun 15 01:19:33 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	300384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	440729	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	401393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211335	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	137528	46.90	ug/l	0.00
Spiked Amount			Recovery	=	93.80%	
35) Dibromofluoromethane	5.49	113	137920	50.73	ug/l	0.00
Spiked Amount			Recovery	=	101.46%	
50) Toluene-d8	8.71	98	521133	51.15	ug/l	0.00
Spiked Amount			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.13	95	191872	50.43	ug/l	0.00
Spiked Amount			Recovery	=	100.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	54683	19.784	ug/l	98
3) Chloromethane	1.32	50	50808	18.510	ug/l	99
4) Vinyl Chloride	1.41	62	55957	21.690	ug/l	97
5) Bromomethane	1.64	94	27935	28.695	ug/l	97
6) Chloroethane	1.72	64	32604	25.066	ug/l	99
7) Trichlorofluoromethane	1.93	101	88252	23.029	ug/l	97
8) Diethyl Ether	2.19	74	31129	23.568	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52163	19.747	ug/l	91
10) Methyl Iodide	2.51	142	66213	16.178	ug/l	97
11) Tert butyl alcohol	3.04	59	74735	104.047	ug/l	98
12) 1,1-Dichloroethene	2.37	96	50349	18.661	ug/l #	80
13) Acrolein	2.29	56	8869	67.717	ug/l	96
14) Allyl chloride	2.73	41	72938	17.909	ug/l #	87
15) Acrylonitrile	3.14	53	144088	98.142	ug/l	98
16) Acetone	2.44	43	136595	99.048	ug/l #	86
17) Carbon Disulfide	2.57	76	123125	15.793	ug/l	99
18) Methyl Acetate	2.77	43	61516	20.283	ug/l #	84
19) Methyl tert-butyl Ether	3.19	73	162639	18.763	ug/l	93
20) Methylene Chloride	2.86	84	56720	18.728	ug/l #	76
21) trans-1,2-Dichloroethene	3.17	96	53768	18.007	ug/l #	77
22) Diisopropyl ether	3.85	45	153605	19.726	ug/l #	91
23) Vinyl Acetate	3.81	43	666464	95.941	ug/l #	89
24) 1,1-Dichloroethane	3.70	63	90298	19.099	ug/l #	93
25) 2-Butanone	4.67	43	203140	98.920	ug/l #	81
26) 2,2-Dichloropropane	4.58	77	78723	18.252	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	64241	19.340	ug/l	76
28) Bromochloromethane	5.01	49	36944	17.436	ug/l #	48
29) Tetrahydrofuran	5.13	42	122439	94.871	ug/l #	74
30) Chloroform	5.21	83	92670	18.874	ug/l	97
31) Cyclohexane	5.58	56	81479	19.096	ug/l #	76
32) 1,1,1-Trichloroethane	5.49	97	84669	18.343	ug/l	94
36) 1,1-Dichloropropene	5.80	75	67965	18.902	ug/l	92
37) Ethyl Acetate	4.83	43	71652	19.152	ug/l #	90
38) Carbon Tetrachloride	5.78	117	76072	18.691	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
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 VX0614WBS01

Quant Time: Jun 15 01:19:33 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)
39) Methylcyclohexane	7.46	83	93817	19.161	ug/l #	82
40) Benzene	6.14	78	220530	19.834	ug/l	99
41) Methacrylonitrile	5.04	41	39887	19.710	ug/l #	84
42) 1,2-Dichloroethane	6.19	62	68335	19.252	ug/l	93
43) Isopropyl Acetate	6.44	43	120938	19.334	ug/l #	90
44) Trichloroethene	7.21	130	65410	19.517	ug/l	85
45) 1,2-Dichloropropane	7.51	63	56104	20.160	ug/l	95
46) Dibromomethane	7.66	93	39585	18.987	ug/l	91
47) Bromodichloromethane	7.90	83	73192	18.788	ug/l #	99
48) Methyl methacrylate	7.77	41	55174	18.860	ug/l #	73
49) 1,4-Dioxane	7.74	88	32371	388.111	ug/l #	80
51) 4-Methyl-2-Pentanone	8.64	43	388718	104.022	ug/l	90
52) Toluene	8.78	92	143426	19.624	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	82158	18.232	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	90113	18.654	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	60127	20.088	ug/l	98
56) Ethyl methacrylate	9.18	69	91864	19.429	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	94122	19.973	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	175718	78.832	ug/l #	86
59) 2-Hexanone	9.49	43	305654	102.587	ug/l	87
60) Dibromochloromethane	9.58	129	66463	18.772	ug/l	99
61) 1,2-Dibromoethane	9.67	107	63967	19.188	ug/l	98
64) Tetrachloroethene	9.34	164	64682	21.696	ug/l	99
65) Chlorobenzene	10.13	112	166467	20.094	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	60689	19.049	ug/l	98
67) Ethyl Benzene	10.25	91	278944	19.779	ug/l	93
68) m/p-Xylenes	10.36	106	220336	40.374	ug/l	89
69) o-Xylene	10.69	106	106920	19.709	ug/l	89
70) Styrene	10.71	104	180889	19.687	ug/l	94
71) Bromoform	10.85	173	53080	18.123	ug/l #	99
73) Isopropylbenzene	11.02	105	283473	19.215	ug/l	95
74) N-amyl acetate	10.90	43	106974	18.344	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	94889	18.790	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	104288	24.671	ug/l	82
77) Bromobenzene	11.26	156	77616	19.132	ug/l	80
78) n-propylbenzene	11.36	91	313927	19.114	ug/l	93
79) 2-Chlorotoluene	11.42	91	184025	18.656	ug/l	89
80) 1,3,5-Trimethylbenzene	11.51	105	236925	19.067	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	31390	16.407	ug/l	86
82) 4-Chlorotoluene	11.51	91	211169	18.845	ug/l	90
83) tert-Butylbenzene	11.77	119	237760	18.905	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	239552	19.086	ug/l	96
85) sec-Butylbenzene	11.94	105	282570	19.285	ug/l	95
86) p-Isopropyltoluene	12.06	119	260875	19.476	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	137711	19.271	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	138298	19.199	ug/l	98
89) n-Butylbenzene	12.38	91	224523	19.473	ug/l	97
90) Hexachloroethane	12.59	117	44854	16.810	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	140148	20.174	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19953	16.791	ug/l	67

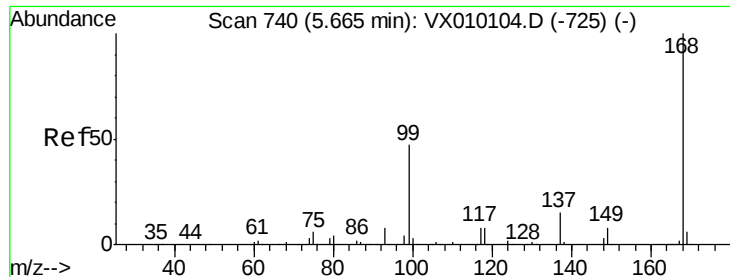
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
Data File : VX010292.D
Acq On : 14 Jun 2019 11:59
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Sample : VX0614WBS01
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Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

Quant Time: Jun 15 01:19:33 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)
93) 1,2,4-Trichlorobenzene	13.65	180	98744	19.418	ug/l	98
94) Hexachlorobutadiene	13.78	225	47550	21.025	ug/l	98
95) Naphthalene	13.83	128	303689	18.971	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	100023	19.893	ug/l	99

(#) = 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: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

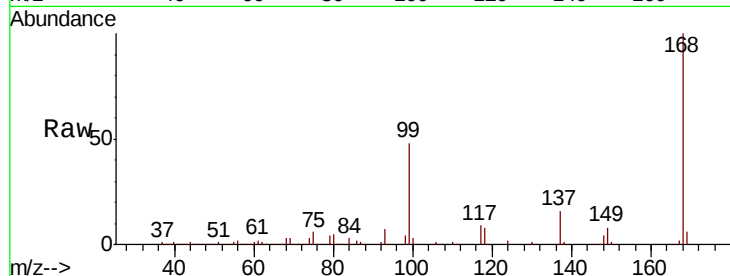
VX0614WBS01

Tot Ion:168 Resp: 300384

Ion Ratio Lower Upper

168 100

99 47.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

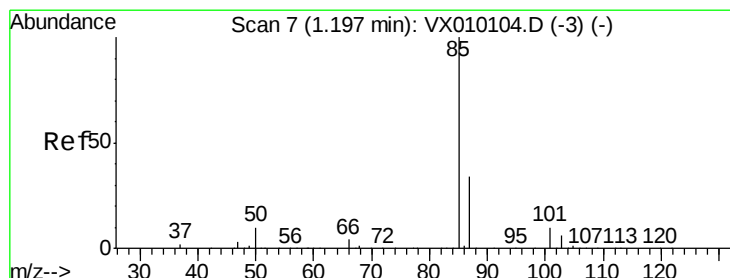
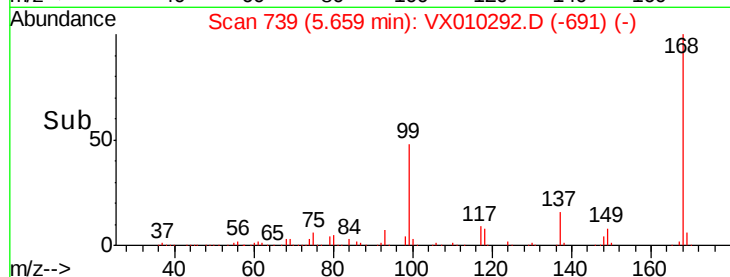
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.784 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010292.D

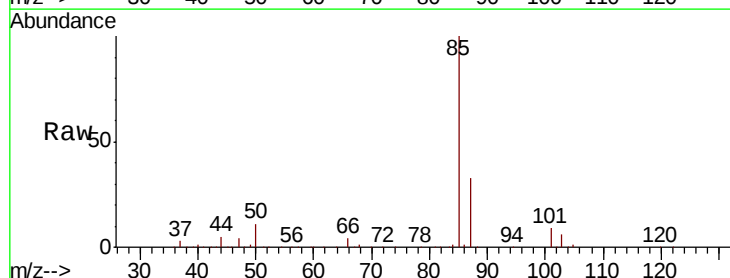
Acq: 14 Jun 2019 11:59

Tgt Ion: 85 Resp: 54683

Ion Ratio Lower Upper

85 100

87 33.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

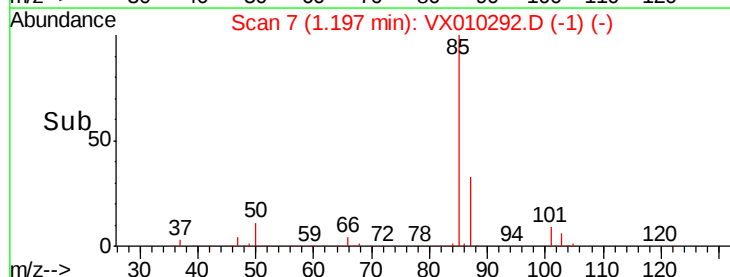
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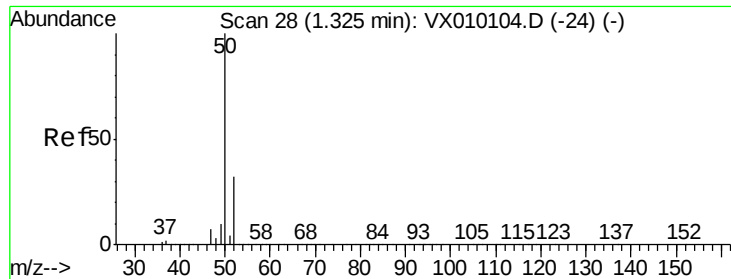
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.510 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

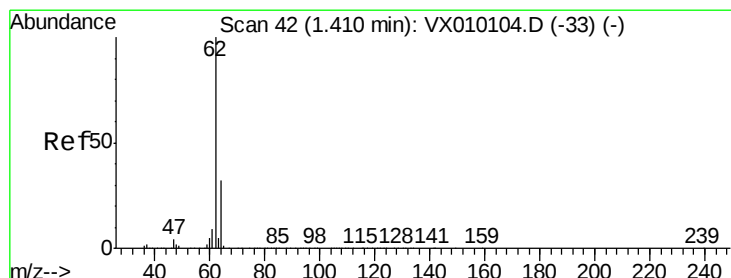
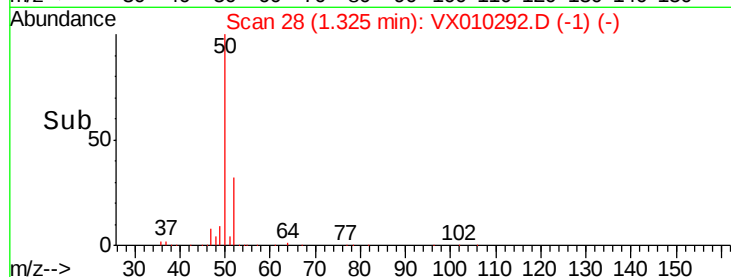
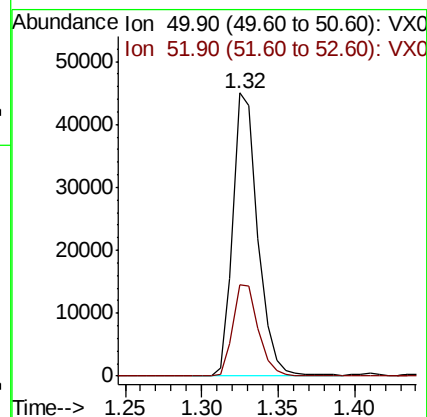
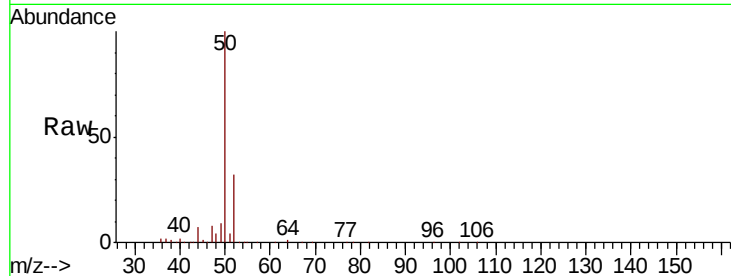
VX0614WBS01

Tot Ion: 50 Resp: 50808

Ion Ratio Lower Upper

50 100

52 32.1 26.0 39.0



#4

Vinyl Chloride

Concen: 21.690 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010292.D

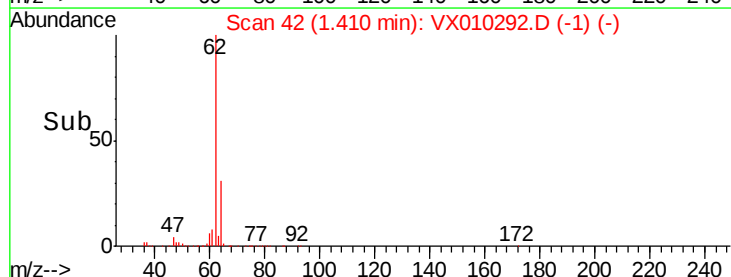
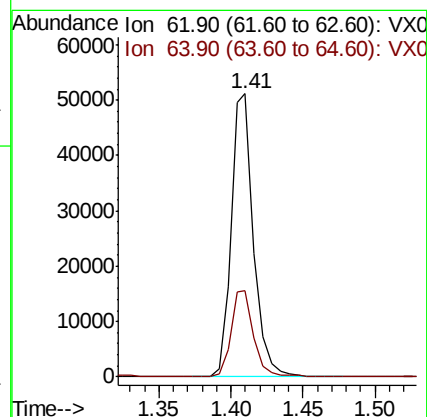
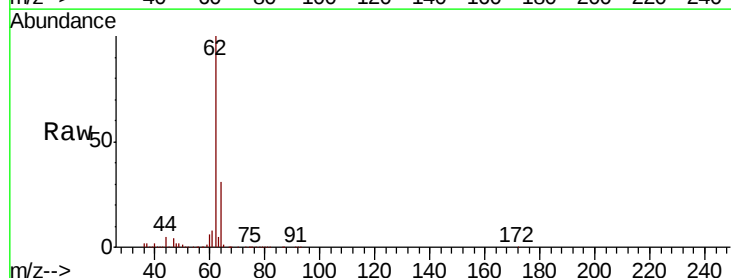
Acq: 14 Jun 2019 11:59

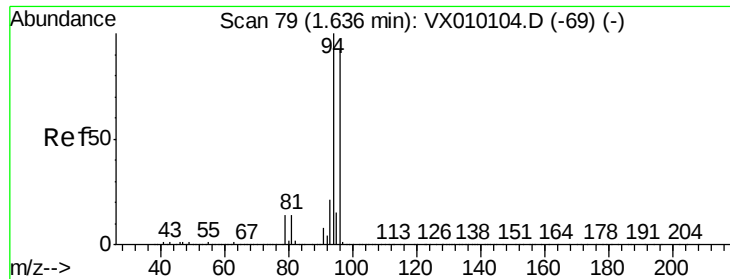
Tgt Ion: 62 Resp: 55957

Ion Ratio Lower Upper

62 100

64 30.3 25.7 38.5





#5

Bromomethane

Concen: 28.695 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

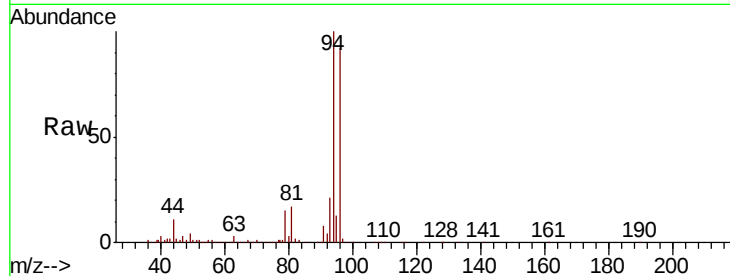
VX0614WBS01

Tot Ion: 94 Resp: 27935

Ion Ratio Lower Upper

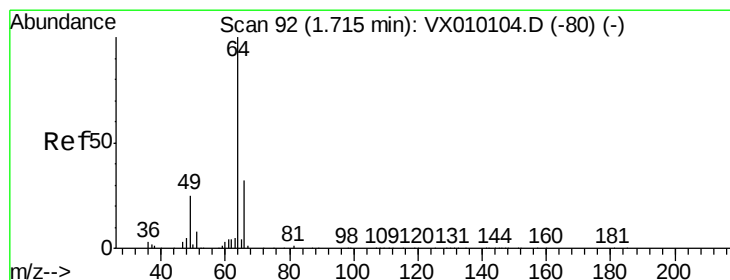
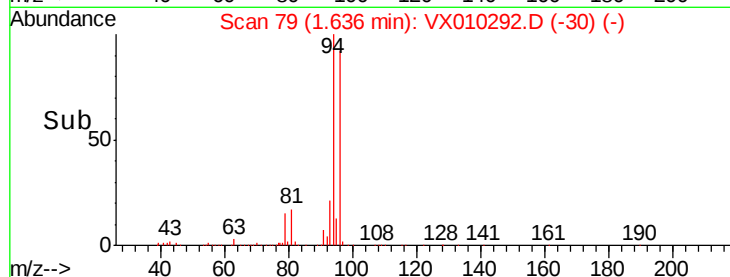
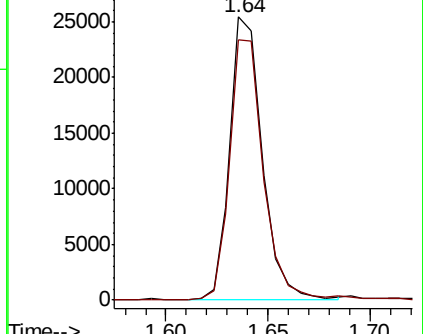
94 100

96 92.3 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: 25.066 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010292.D

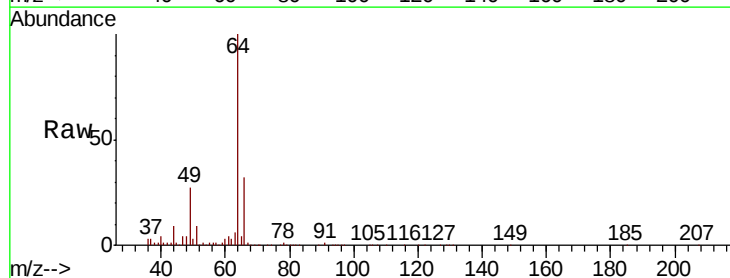
Acq: 14 Jun 2019 11:59

Tgt Ion: 64 Resp: 32604

Ion Ratio Lower Upper

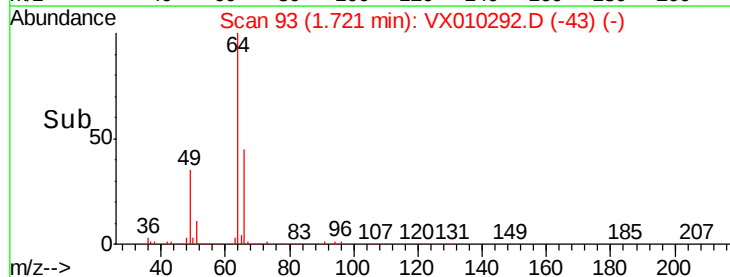
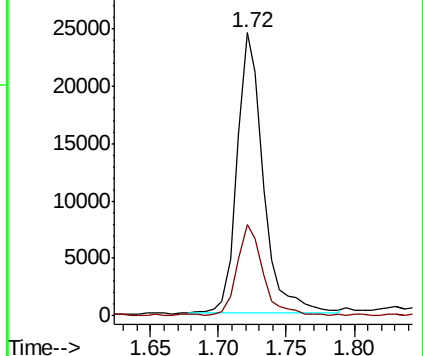
64 100

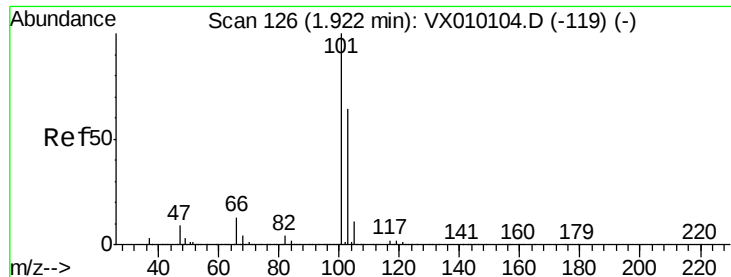
66 32.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



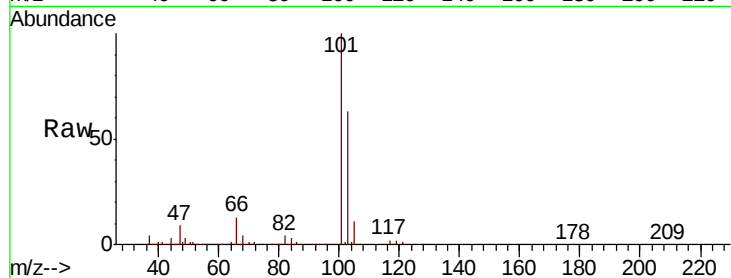


#7

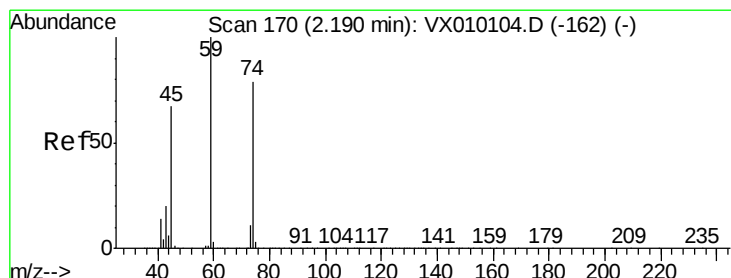
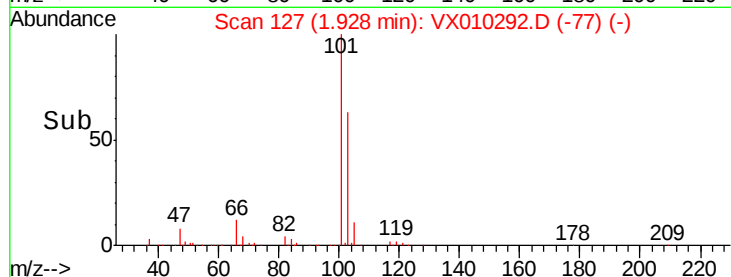
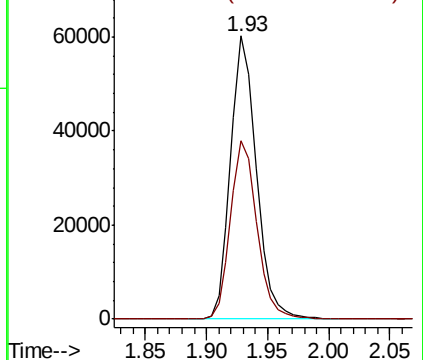
Trichlorofluoromethane
Concen: 23.029 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

Tot Ion:101 Resp: 88252
Ion Ratio Lower Upper
101 100
103 62.9 52.2 78.4



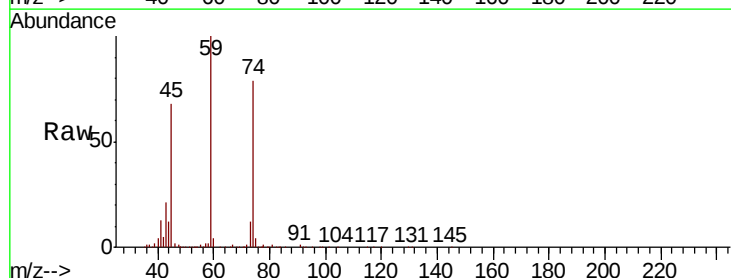
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



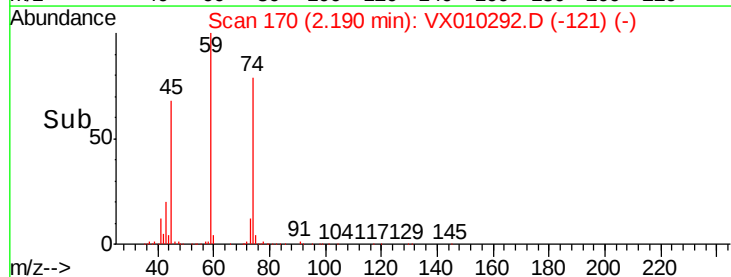
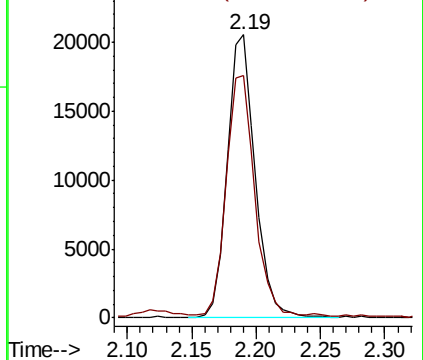
#8

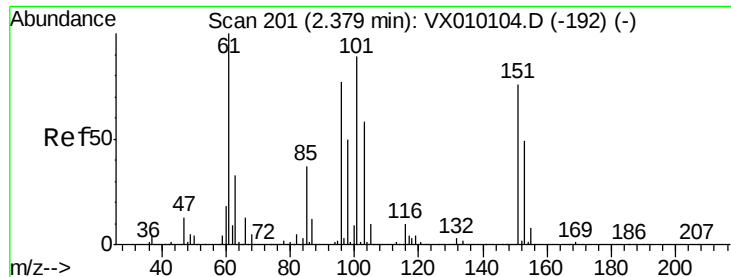
Diethyl Ether
Concen: 23.568 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion: 74 Resp: 31129
Ion Ratio Lower Upper
74 100
45 87.3 56.1 168.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.747 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS01

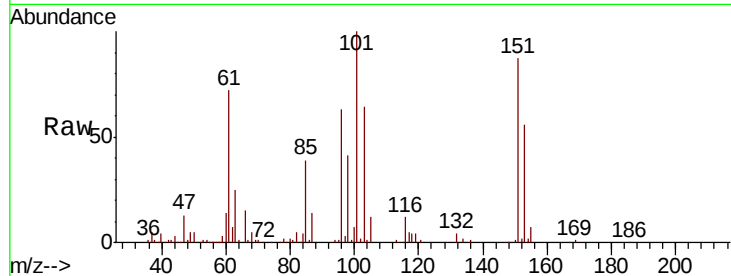
Tot Ion:101 Resp: 52163

Ion Ratio Lower Upper

101 100

85 42.1 35.2 52.8

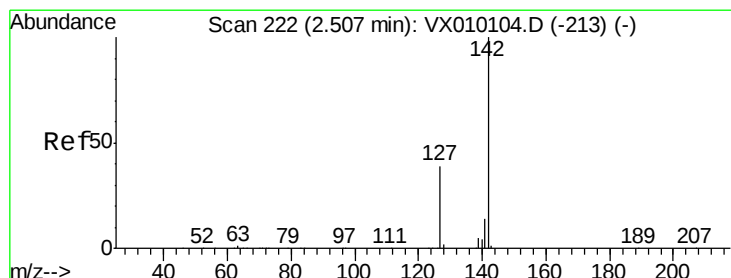
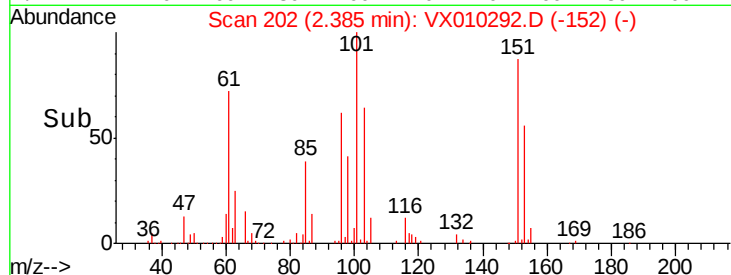
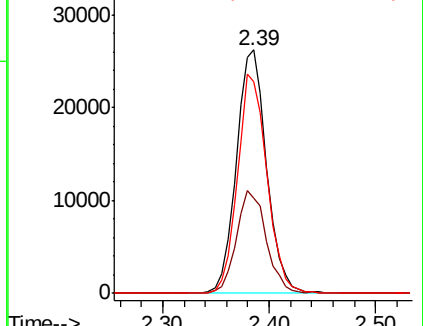
151 88.1 61.9 92.9



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: 16.178 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

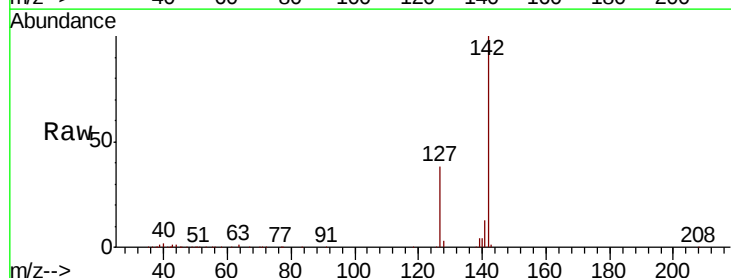
Tgt Ion:142 Resp: 66213

Ion Ratio Lower Upper

142 100

127 39.1 33.0 49.4

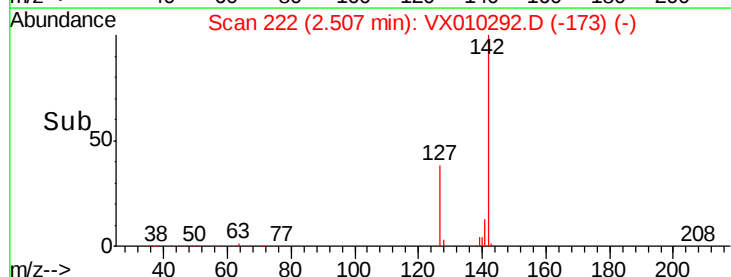
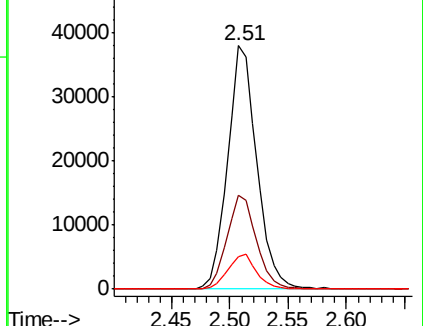
141 14.1 11.4 17.0

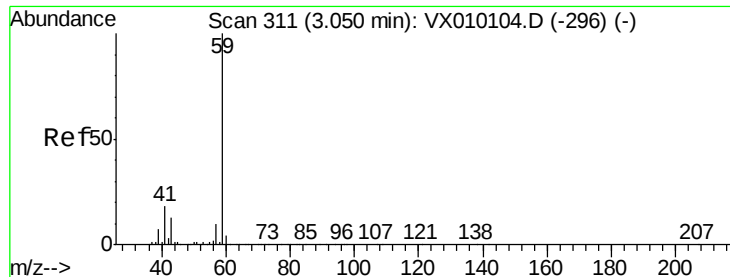


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



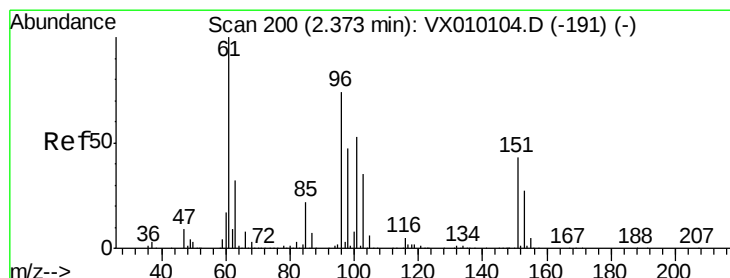
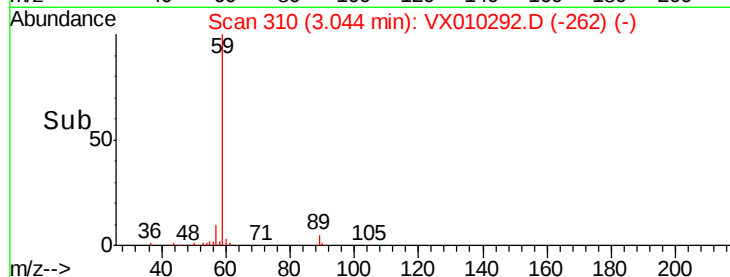
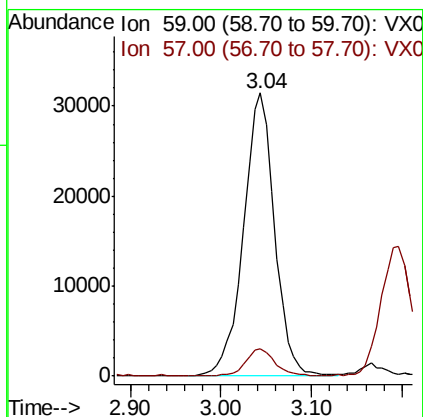
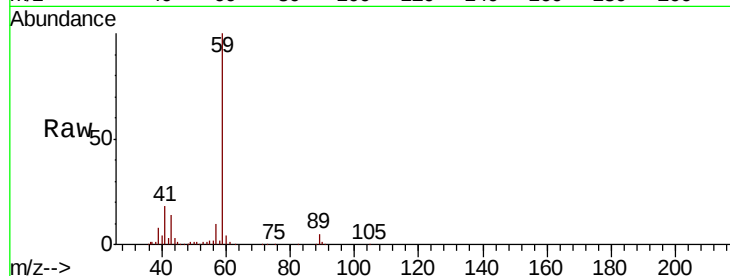


#11

Tert butyl alcohol
Concen: 104.047 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

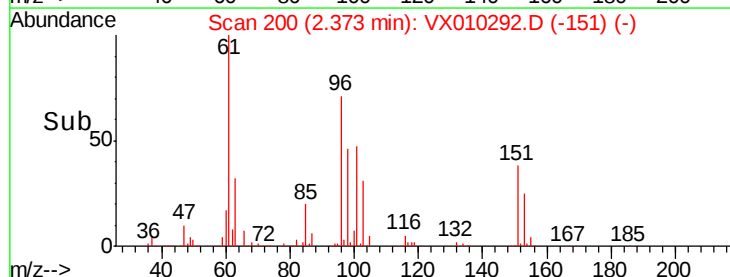
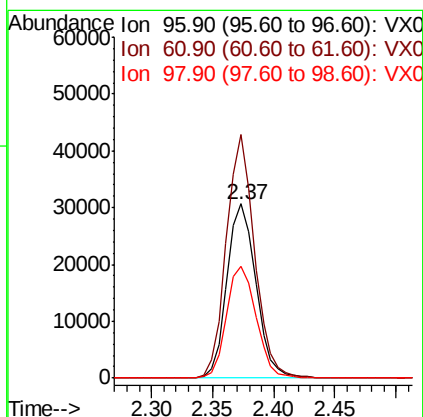
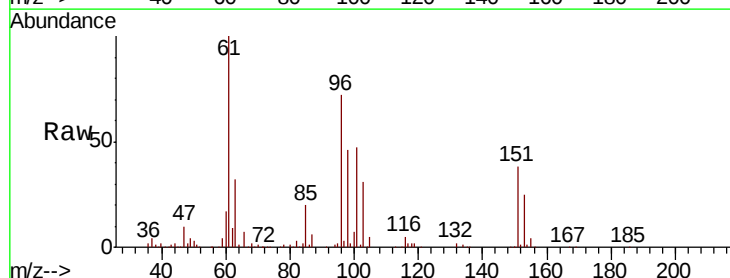
Tot Ion: 59 Resp: 74735
Ion Ratio Lower Upper
59 100
57 9.3 8.2 12.2

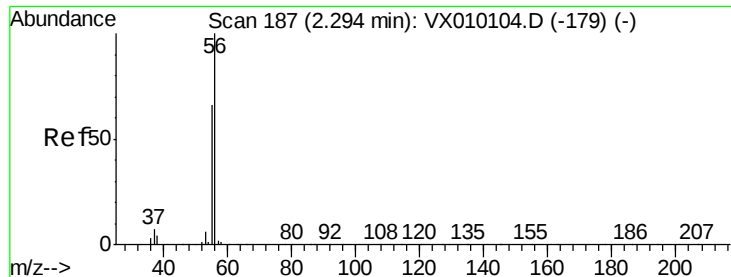


#12

1,1-Dichloroethene
Concen: 18.661 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion: 96 Resp: 50349
Ion Ratio Lower Upper
96 100
61 139.6 140.7 211.1#
98 63.8 50.1 75.1





#13

Acrolein

Concen: 67.717 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

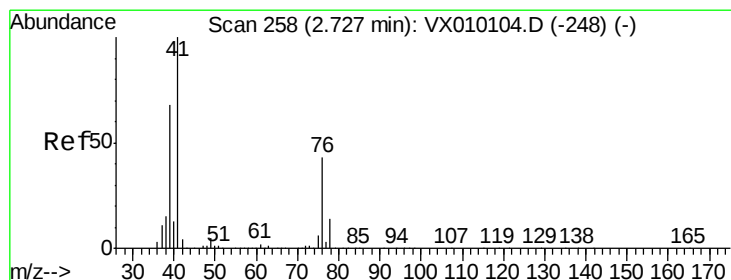
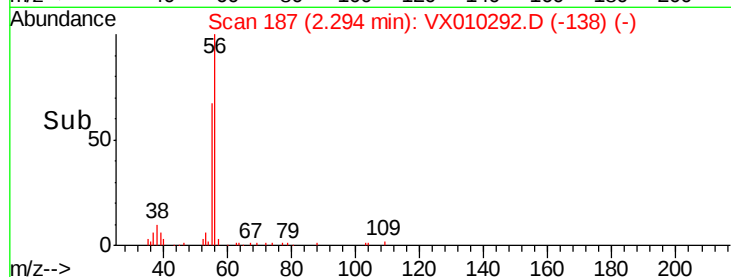
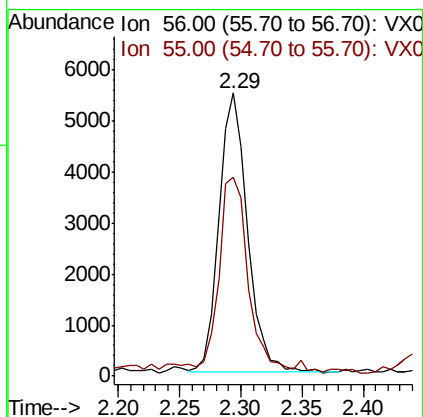
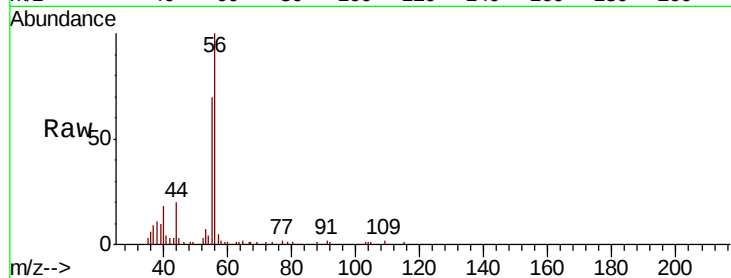
VX0614WBS01

Tot Ion: 56 Resp: 8869

Ion Ratio Lower Upper

56 100

55 68.0 57.0 85.4



#14

Allyl chloride

Concen: 17.909 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

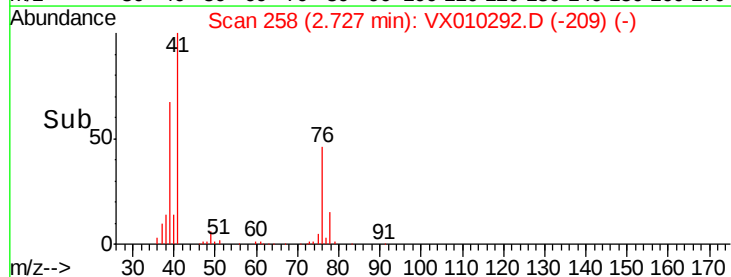
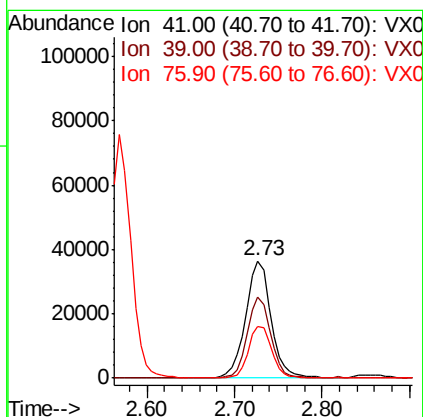
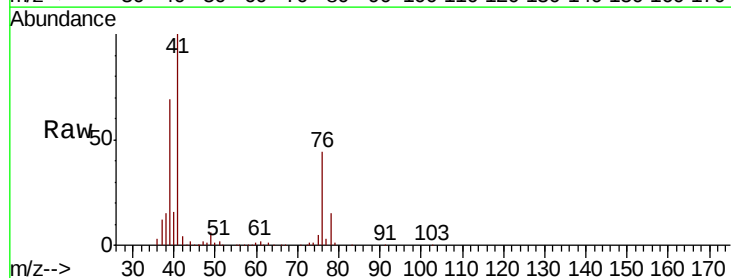
Tgt Ion: 41 Resp: 72938

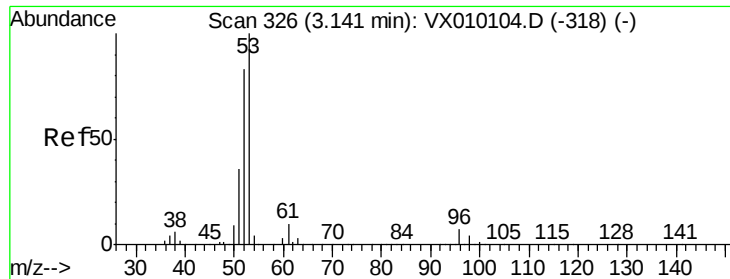
Ion Ratio Lower Upper

41 100

39 63.1 46.7 70.1

76 40.3 21.0 31.4#





#15

Acrylonitrile

Concen: 98.142 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS01

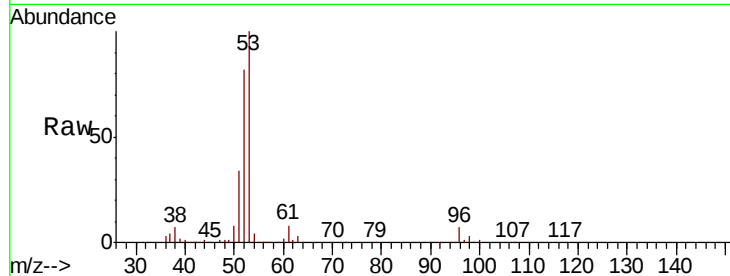
Tot Ion: 53 Resp: 144088

Ion Ratio Lower Upper

53 100

52 82.0 66.7 100.1

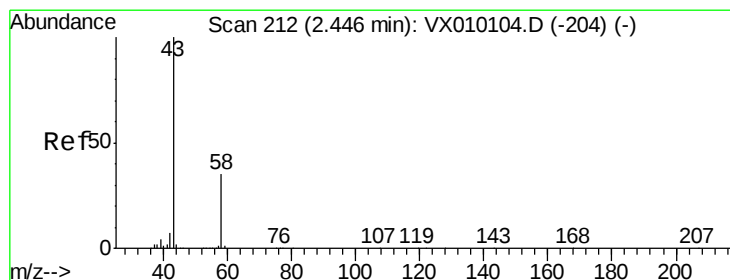
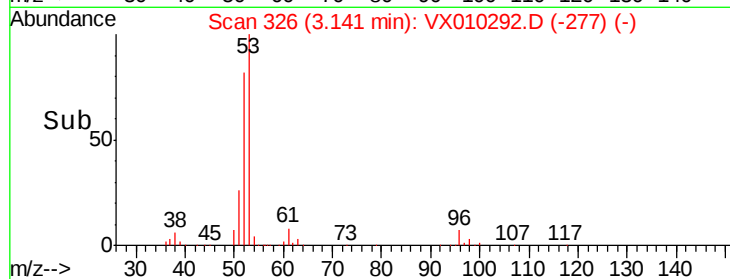
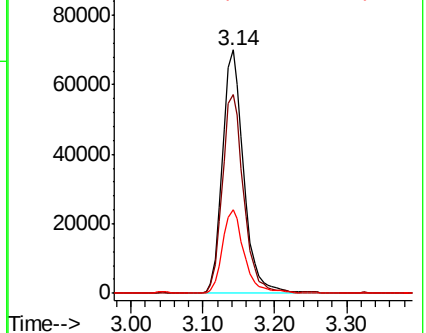
51 34.7 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 99.048 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010292.D

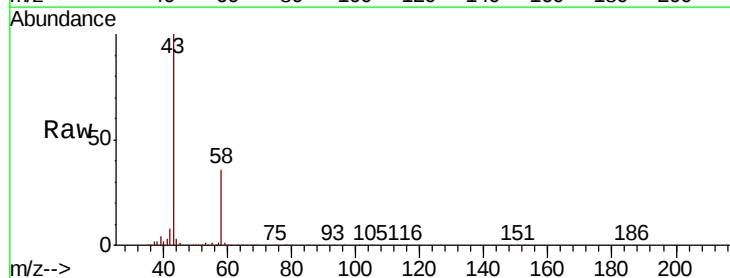
Acq: 14 Jun 2019 11:59

Tgt Ion: 43 Resp: 136595

Ion Ratio Lower Upper

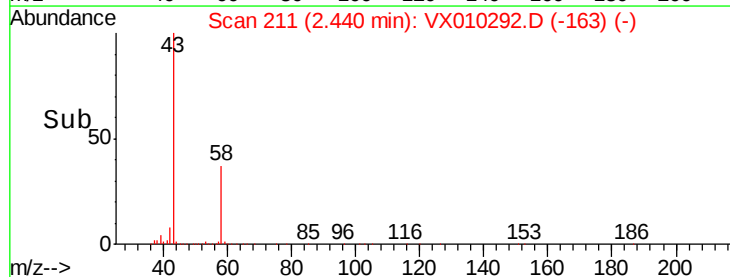
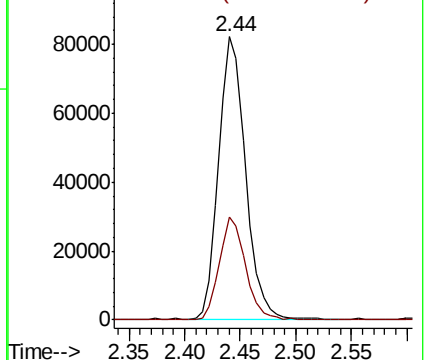
43 100

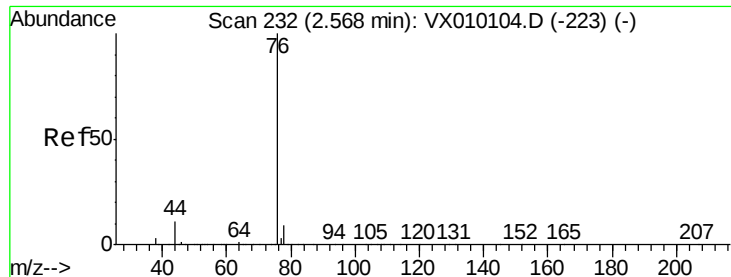
58 36.4 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

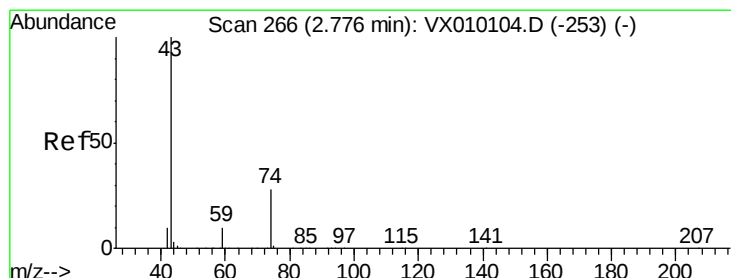
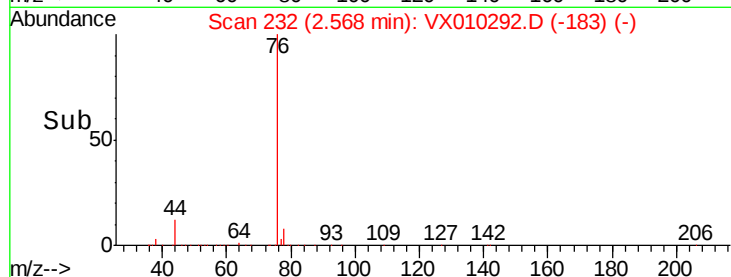
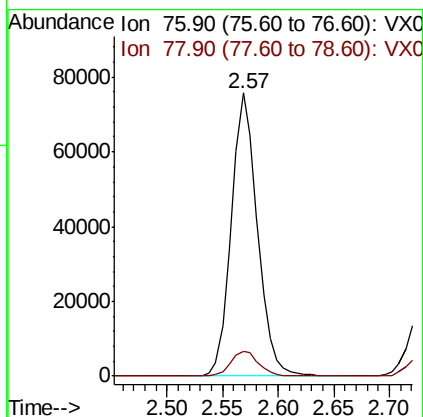
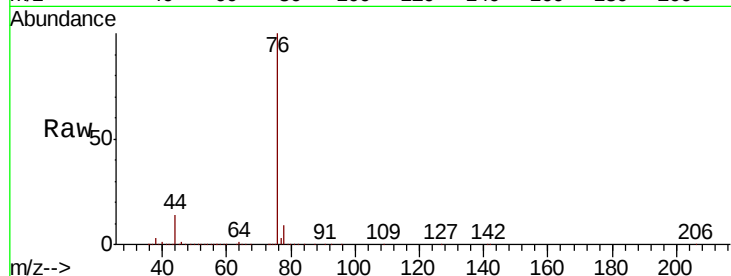




#17
Carbon Disulfide
Concen: 15.793 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

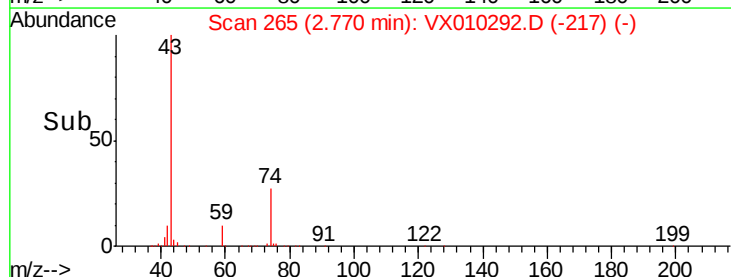
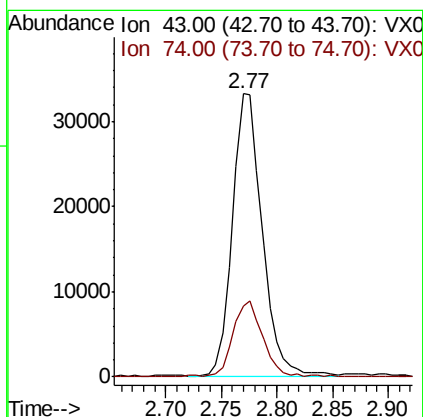
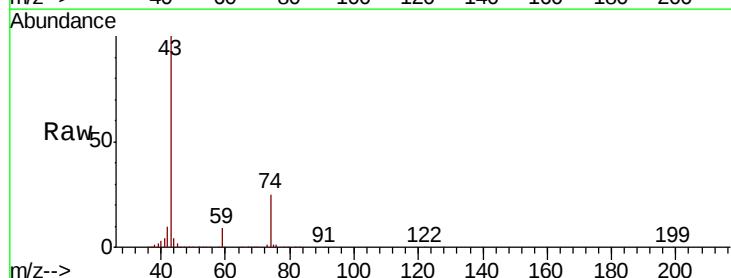
Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

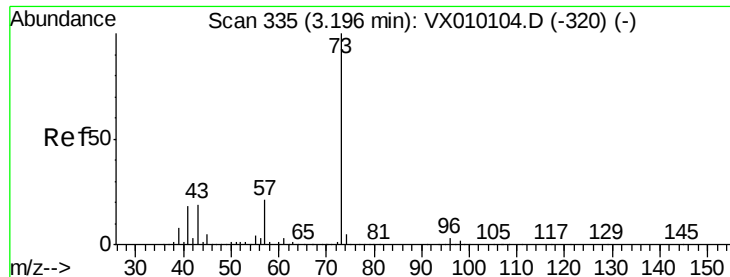
Tot Ion: 76 Resp: 123125
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



#18
Methyl Acetate
Concen: 20.283 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion: 43 Resp: 61516
Ion Ratio Lower Upper
43 100
74 27.2 15.8 23.6#



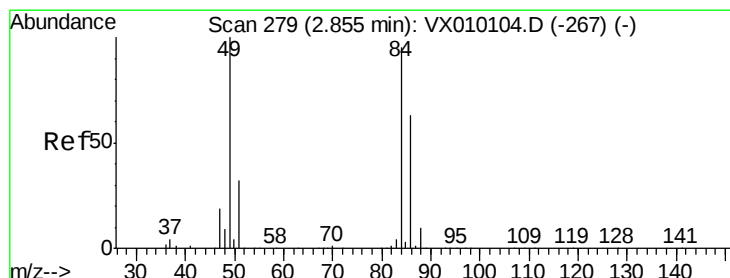
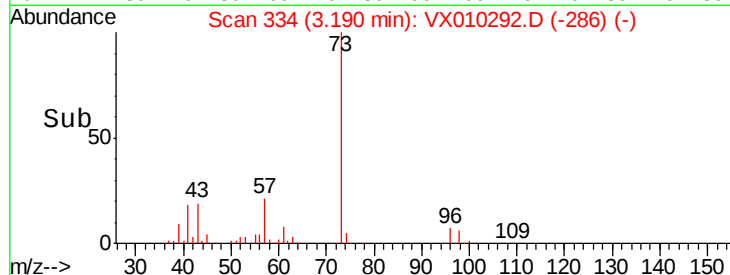
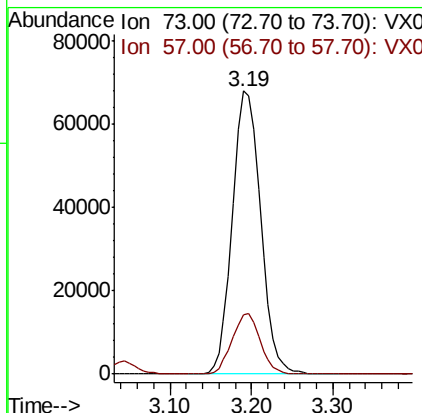
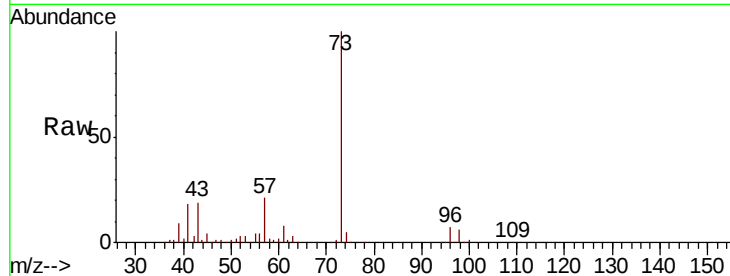


#19

Methyl tert-butyl Ether
 Concen: 18.763 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBS01

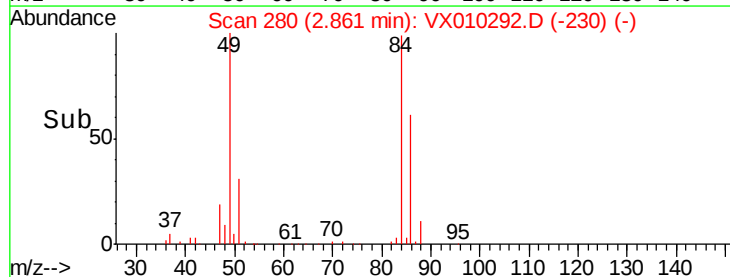
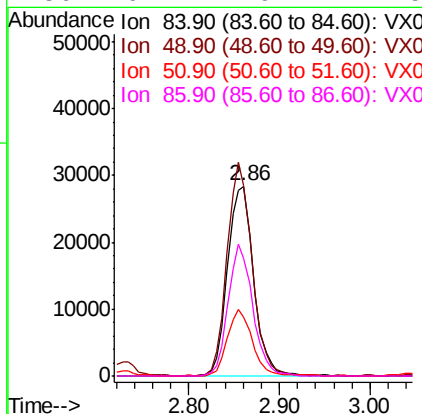
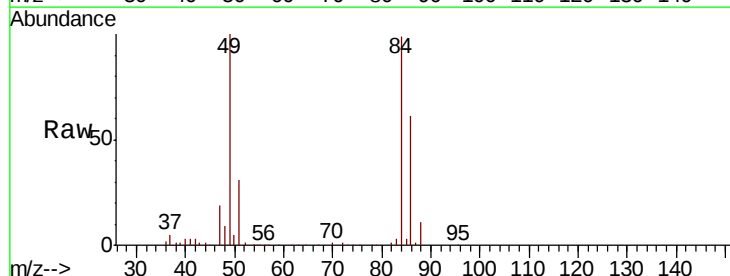
Tot Ion: 73 Resp: 162639
 Ion Ratio Lower Upper
 73 100
 57 21.0 19.4 29.2

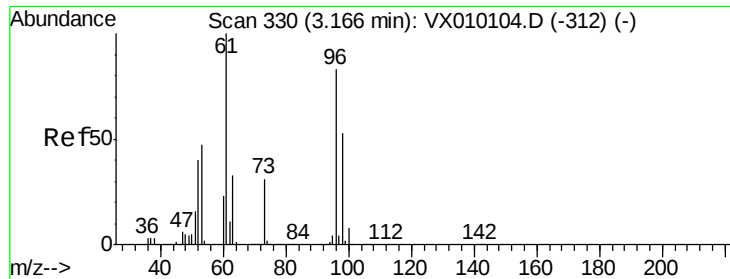


#20

Methylene Chloride
 Concen: 18.728 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

Tgt Ion: 84 Resp: 56720
 Ion Ratio Lower Upper
 84 100
 49 100.7 115.8 173.6#
 51 30.8 34.4 51.6#
 86 61.7 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 18.007 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS01

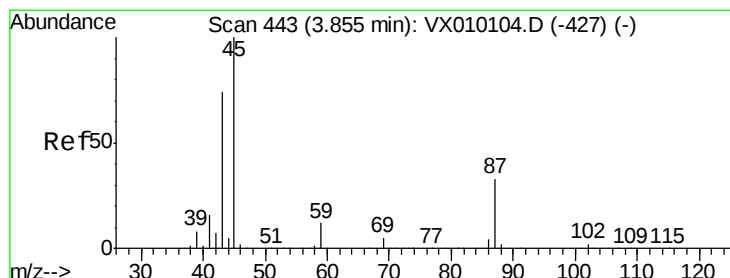
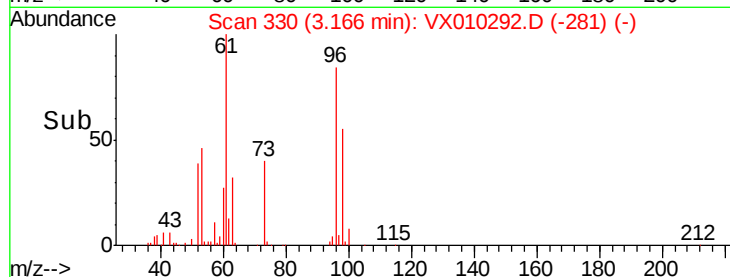
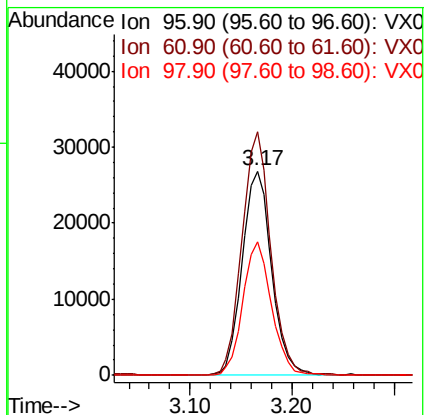
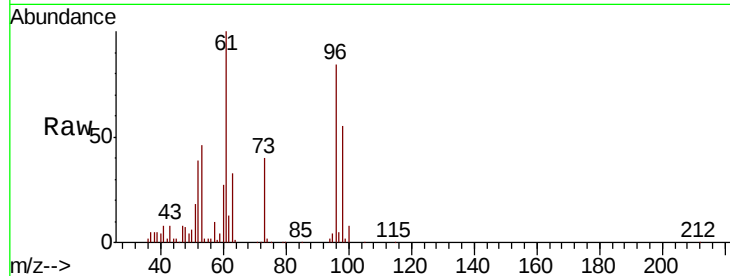
Tot Ion: 96 Resp: 53768

Ion Ratio Lower Upper

96 100

61 118.9 125.7 188.5#

98 65.3 49.0 73.6



#22

Diisopropyl ether

Concen: 19.726 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Tgt Ion: 45 Resp: 153605

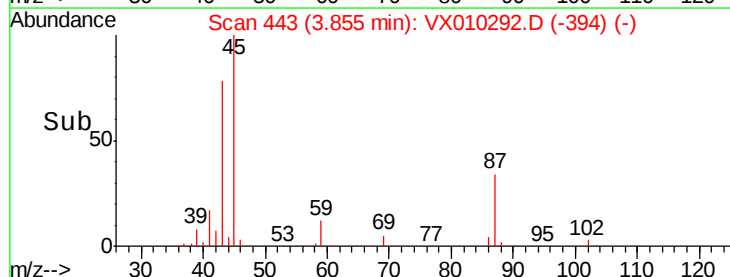
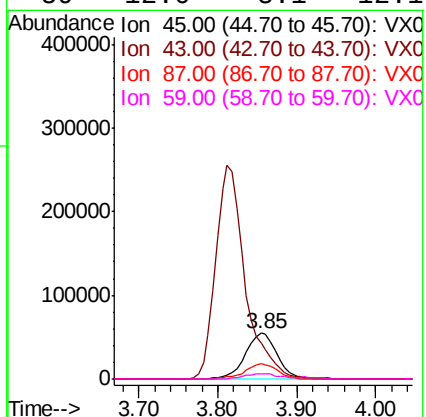
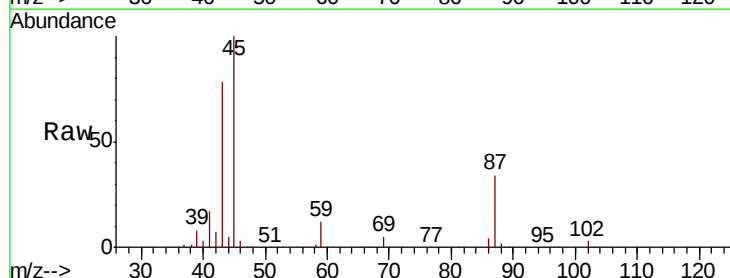
Ion Ratio Lower Upper

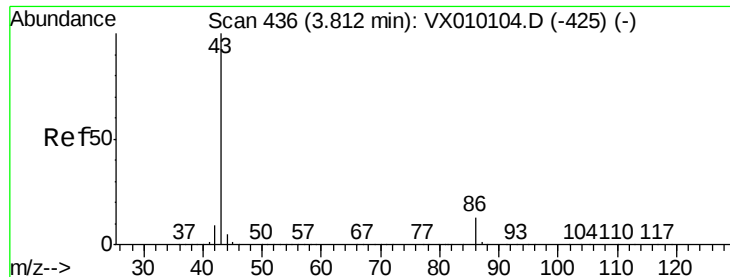
45 100

43 77.6 65.0 97.4

87 34.2 17.3 25.9#

59 12.0 8.1 12.1





#23

Vinyl Acetate

Concen: 95.941 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampled :

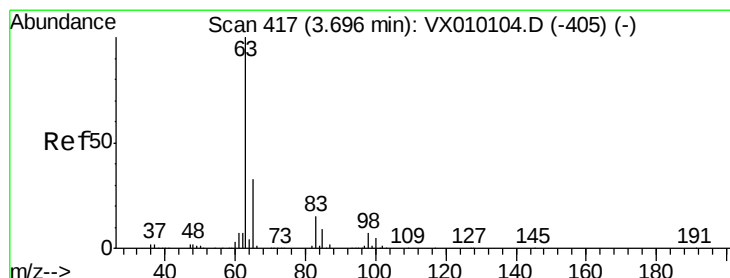
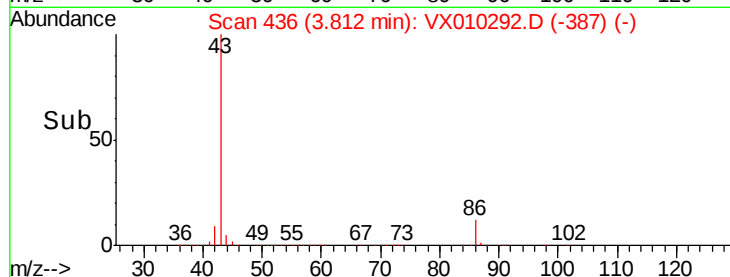
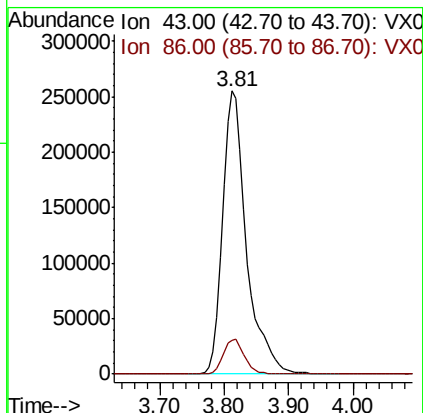
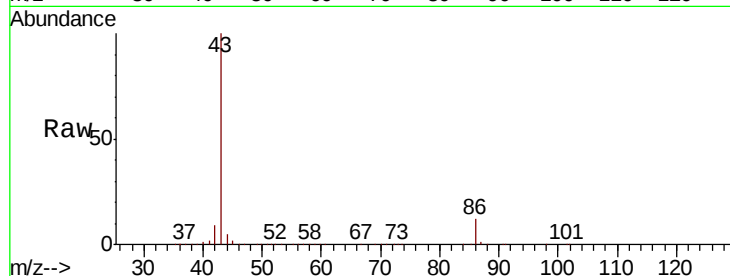
VX0614WBS01

Tot Ion: 43 Resp: 666464

Ion Ratio Lower Upper

43 100

86 12.1 6.5 9.7#



#24

1,1-Dichloroethane

Concen: 19.099 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

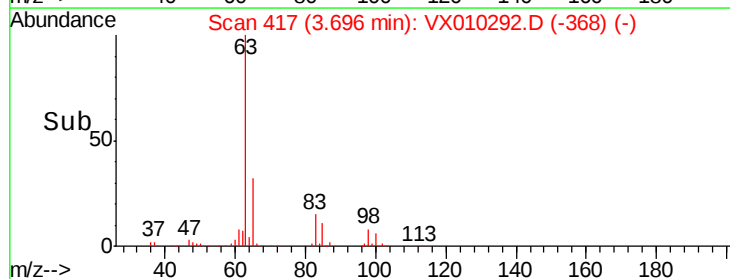
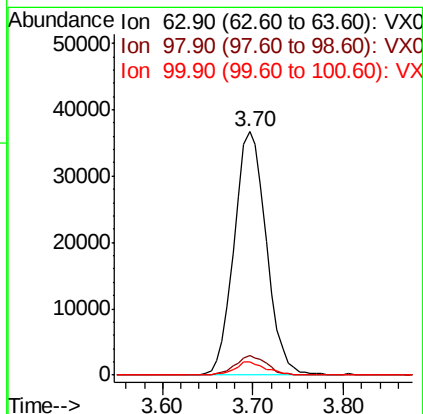
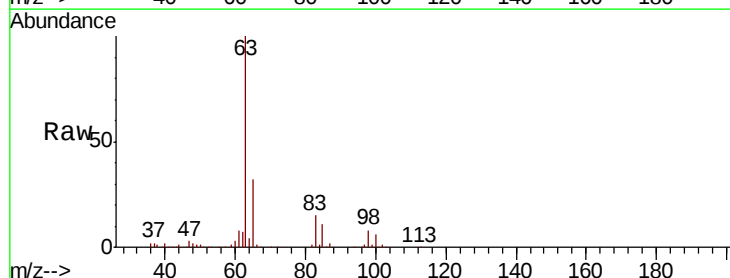
Tgt Ion: 63 Resp: 90298

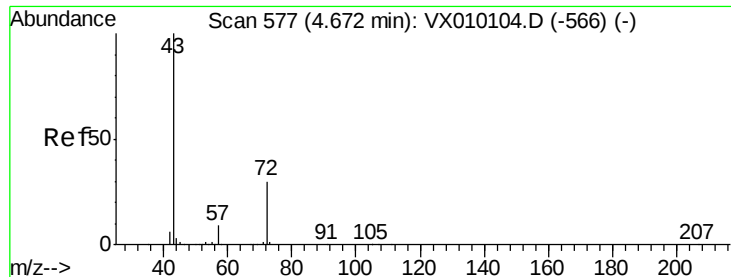
Ion Ratio Lower Upper

63 100

98 8.3 2.9 8.8

100 5.7 1.8 5.4#





#25

2-Butanone

Concen: 98.920 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

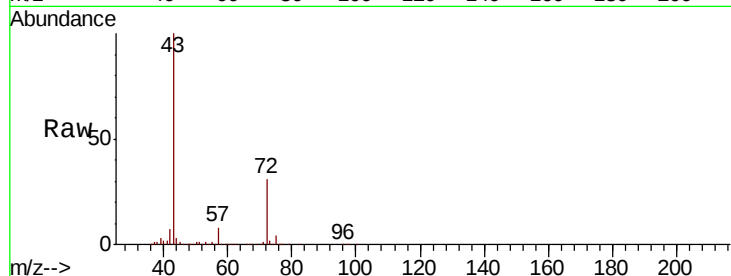
VX0614WBS01

Tot Ion: 43 Resp: 203140

Ion Ratio Lower Upper

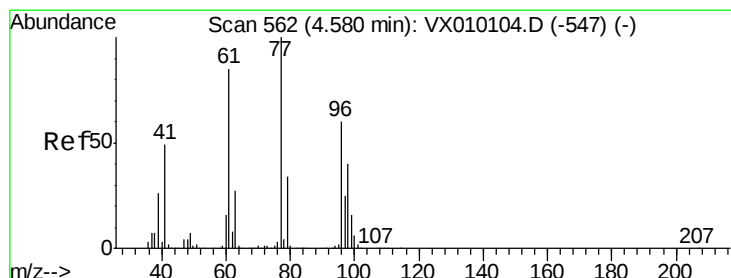
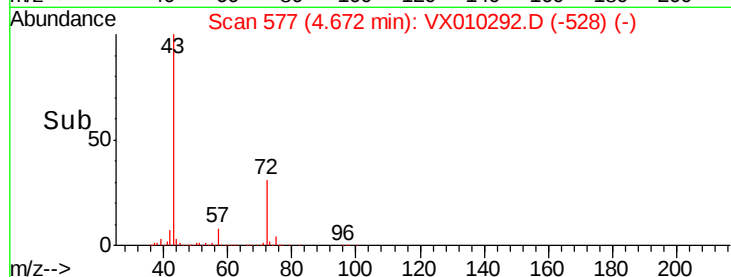
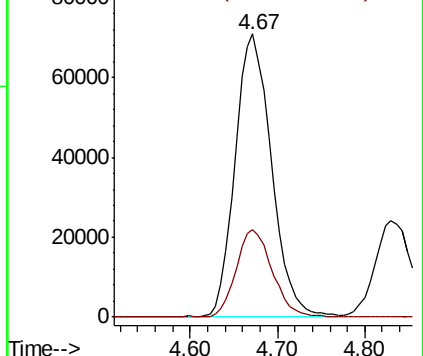
43 100

72 30.9 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.252 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010292.D

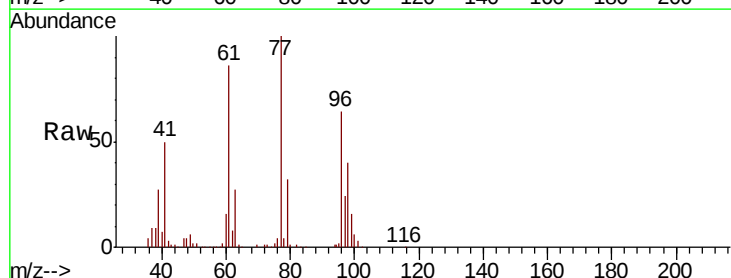
Acq: 14 Jun 2019 11:59

Tgt Ion: 77 Resp: 78723

Ion Ratio Lower Upper

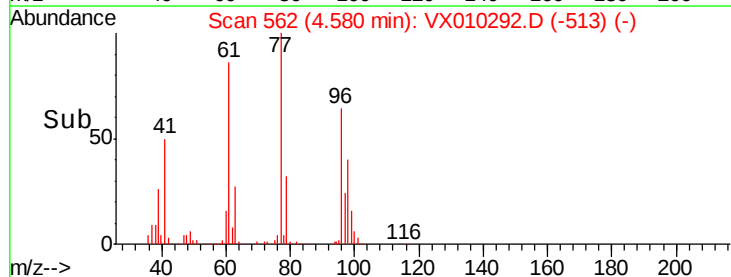
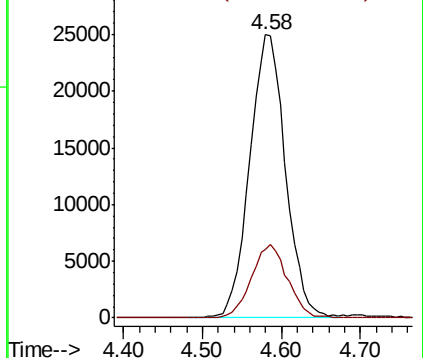
77 100

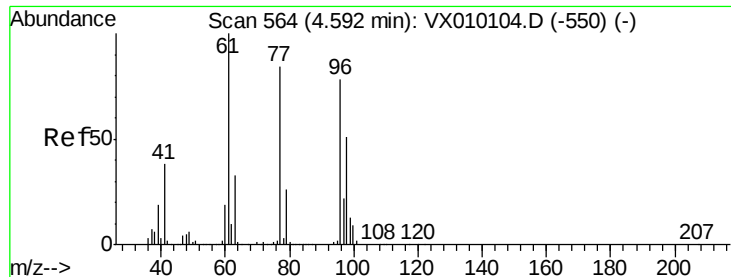
97 26.2 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



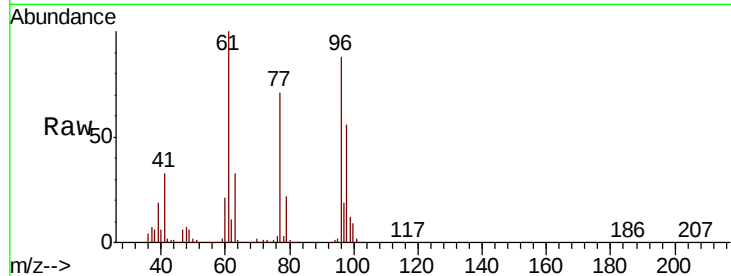


#27

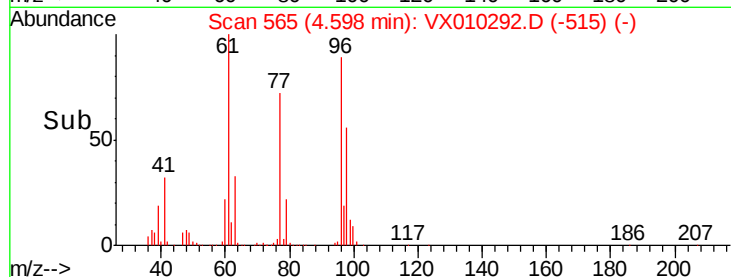
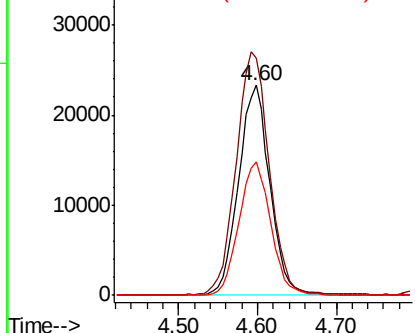
cis-1,2-Dichloroethene
Concen: 19.340 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

Tot Ion: 96 Resp: 64241
Ion Ratio Lower Upper
96 100
61 123.5 0.0 334.0
98 64.3 0.0 131.6



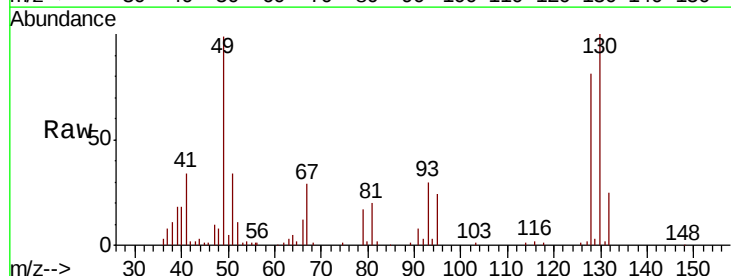
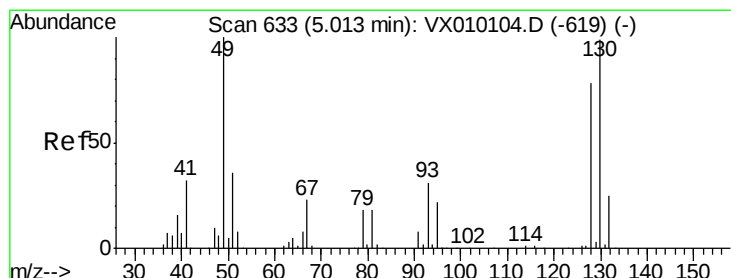
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



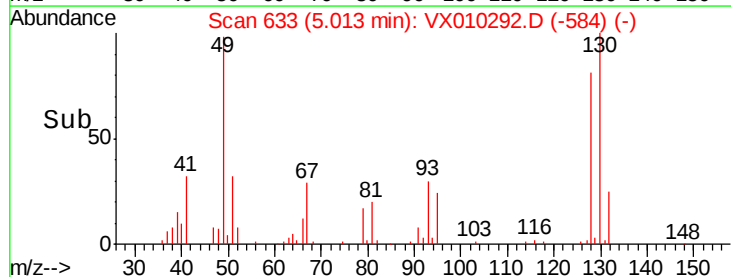
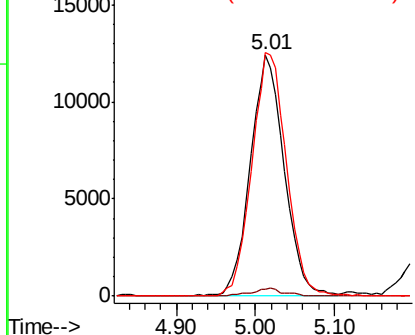
#28

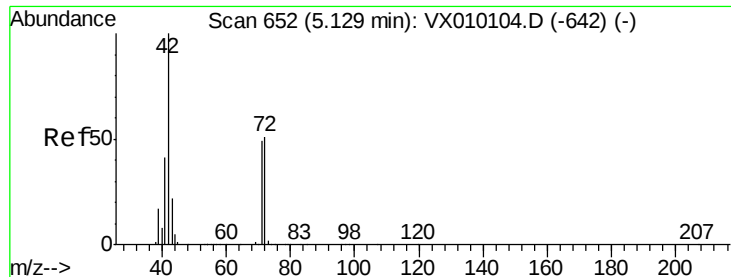
Bromochloromethane
Concen: 17.436 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion: 49 Resp: 36944
Ion Ratio Lower Upper
49 100
129 3.0 0.0 3.4
130 102.9 49.4 74.2#



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

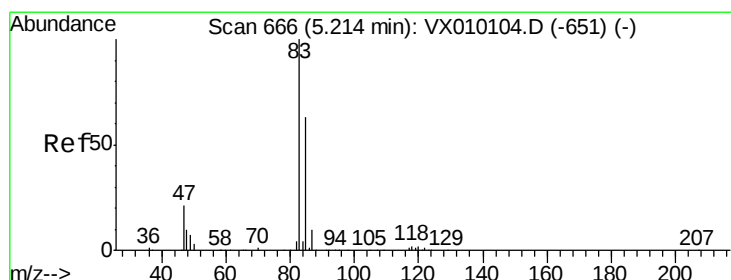
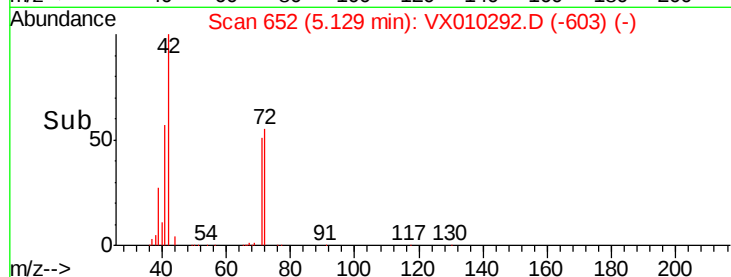
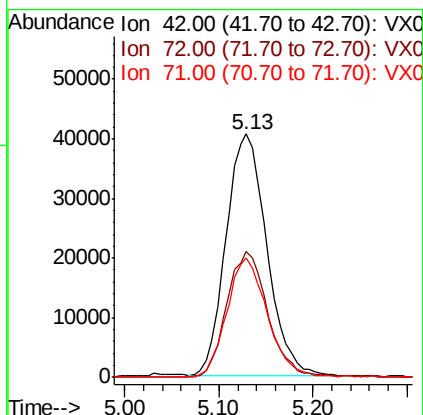
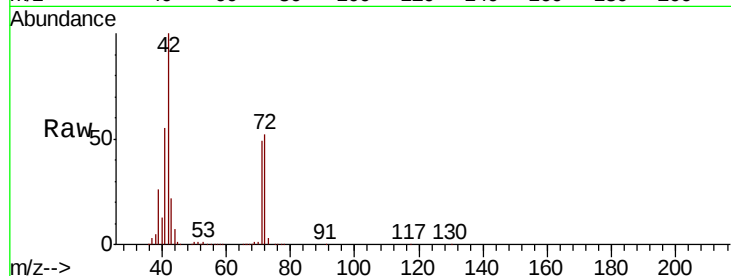




#29
Tetrahydrofuran
Concen: 94.871 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

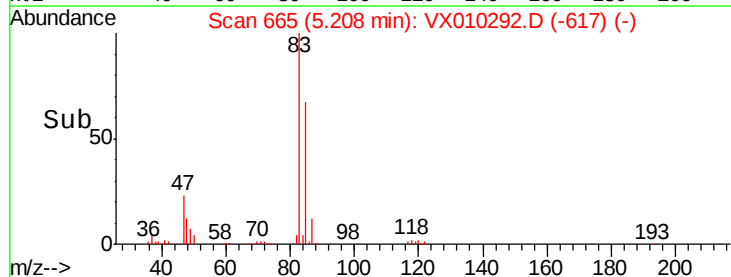
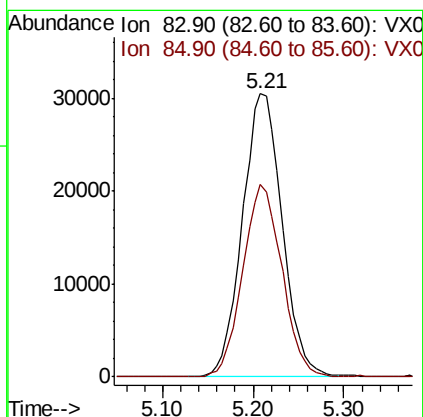
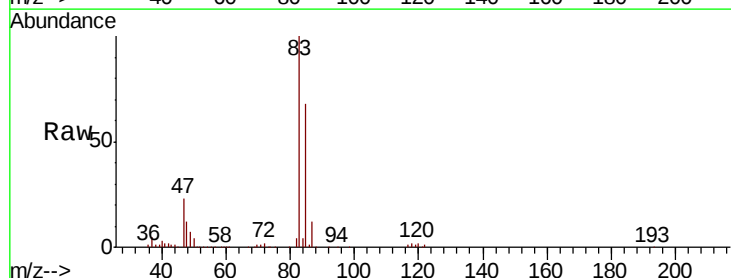
Instrument :
MSVOA_X
ClientSampled :
VX0614WBS01

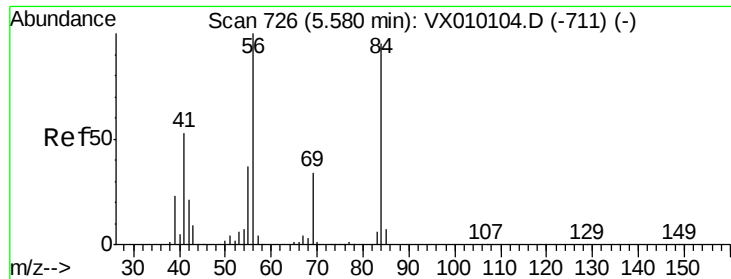
Tot Ion: 42 Resp: 122439
Ion Ratio Lower Upper
42 100
72 52.9 29.2 43.8#
71 49.0 27.6 41.4#



#30
Chloroform
Concen: 18.874 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion: 83 Resp: 92670
Ion Ratio Lower Upper
83 100
85 68.2 52.6 78.8

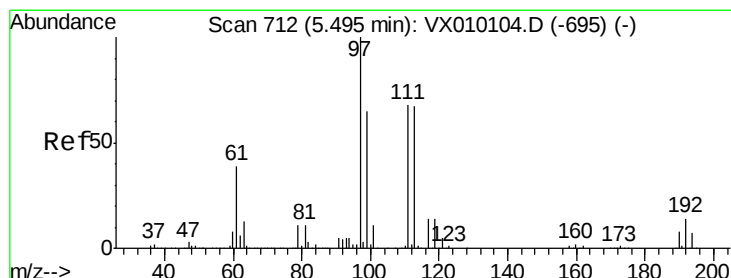
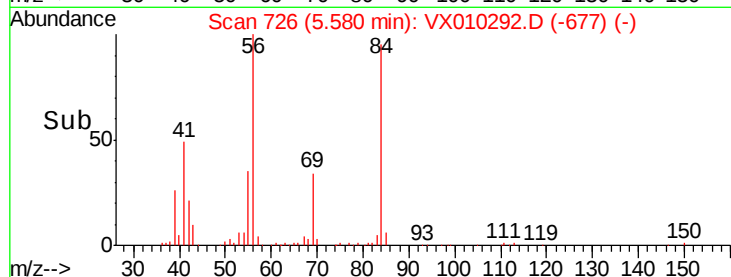
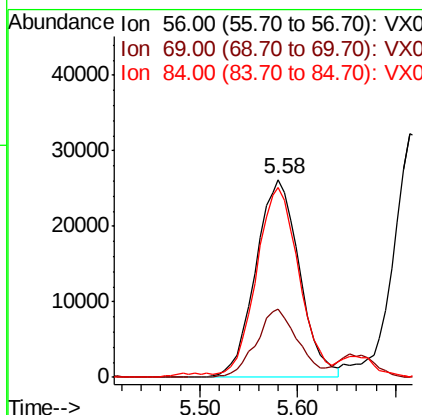
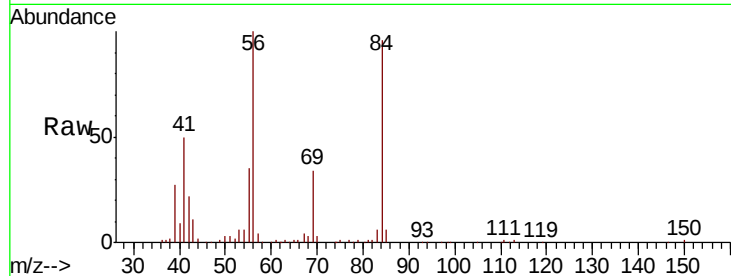




#31
Cyclohexane
Concen: 19.096 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

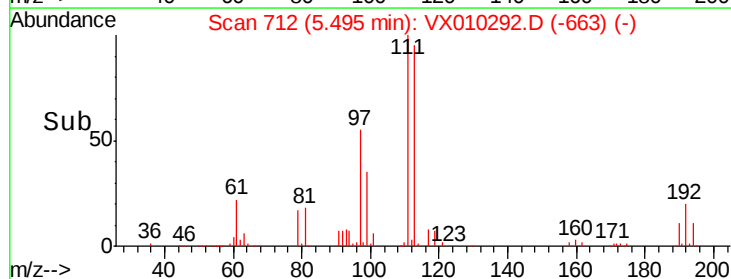
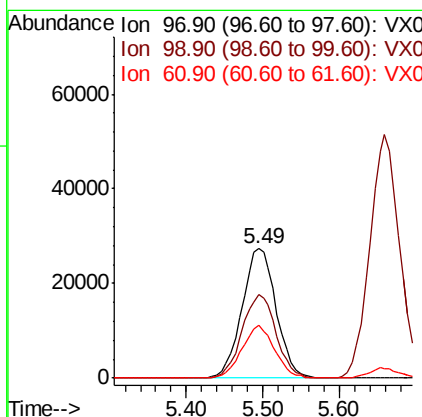
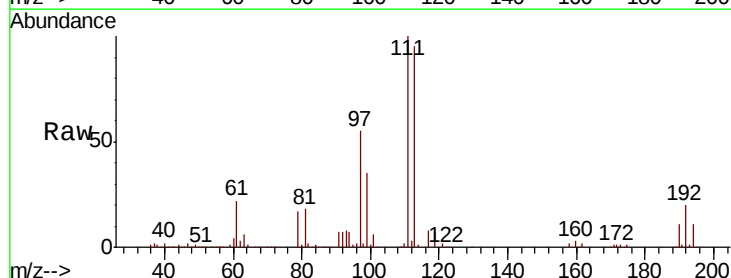
Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

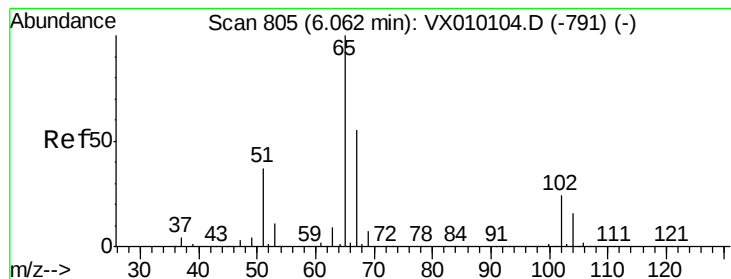
Tot Ion: 56 Resp: 81479
Ion Ratio Lower Upper
56 100
69 34.4 21.6 32.4#
84 94.1 56.8 85.2#



#32
1,1,1-Trichloroethane
Concen: 18.343 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion: 97 Resp: 84669
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 39.2 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 46.904 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

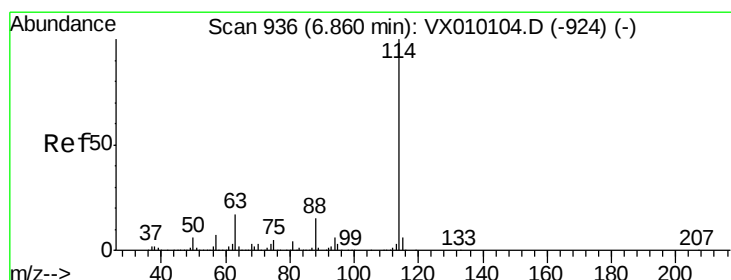
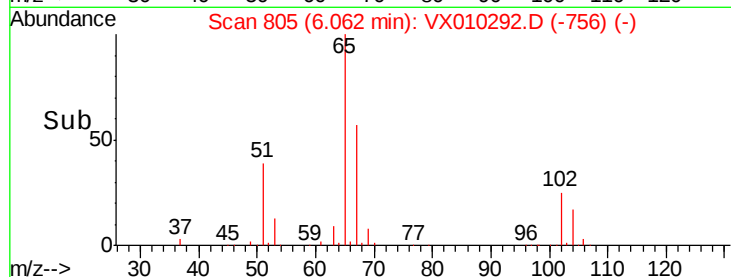
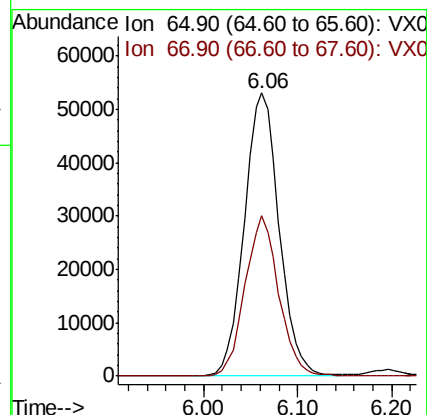
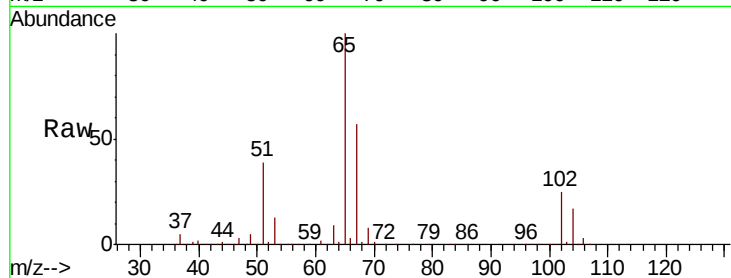
VX0614WBS01

Tot Ion: 65 Resp: 137528

Ion Ratio Lower Upper

65 100

67 55.0 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

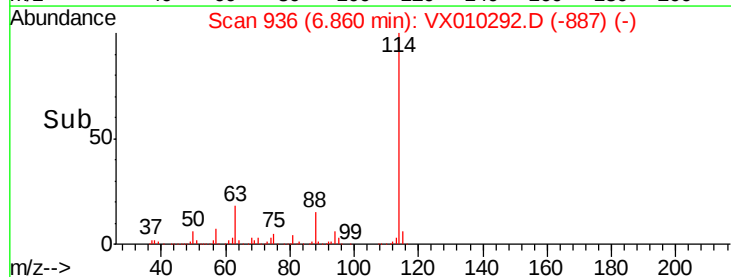
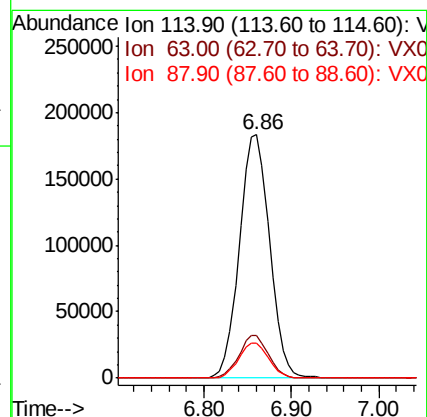
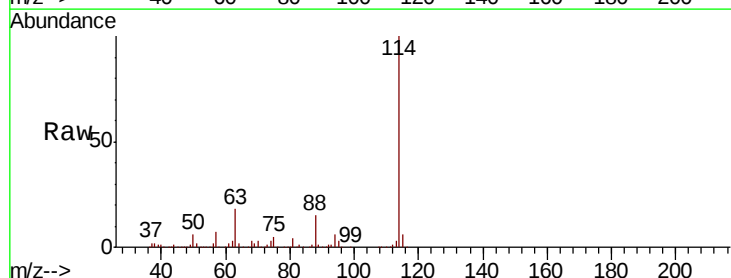
Tgt Ion: 114 Resp: 440729

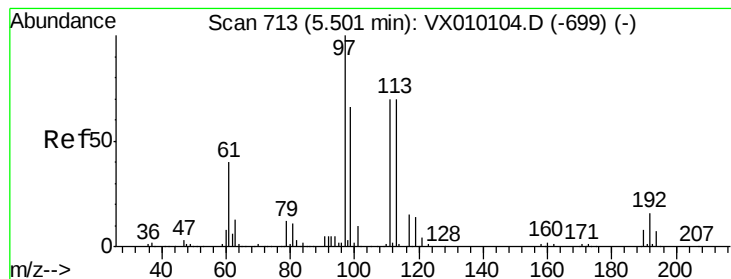
Ion Ratio Lower Upper

114 100

63 17.7 0.0 47.4

88 14.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.733 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampled :

VX0614WBS01

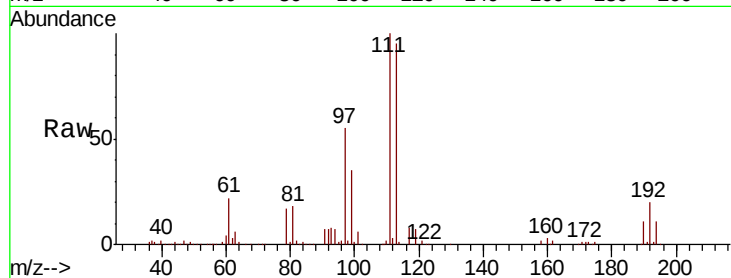
Tot Ion:113 Resp: 137920

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

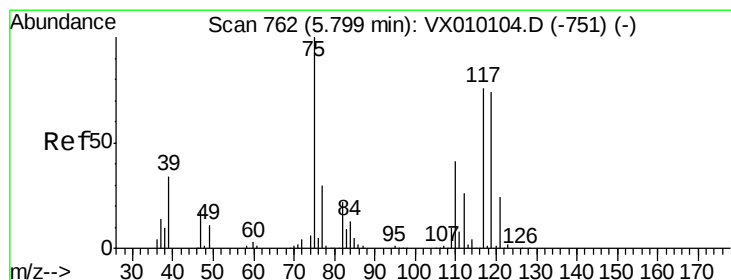
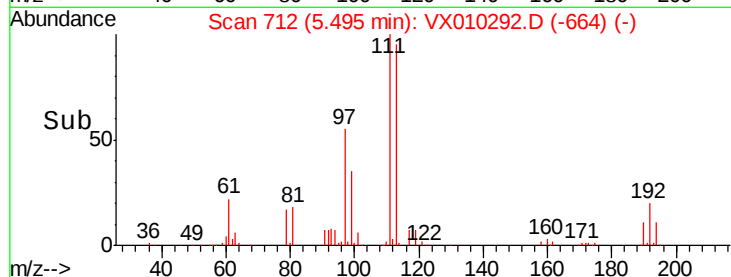
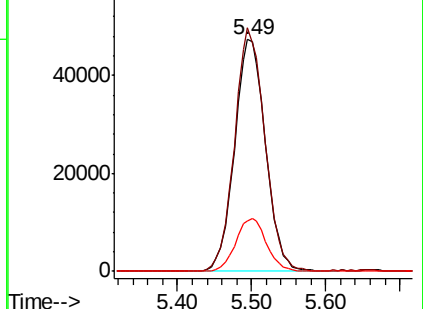
192 22.6 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.902 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

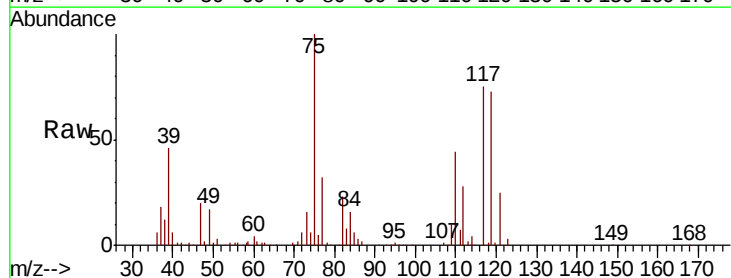
Tgt Ion: 75 Resp: 67965

Ion Ratio Lower Upper

75 100

110 42.0 16.7 50.1

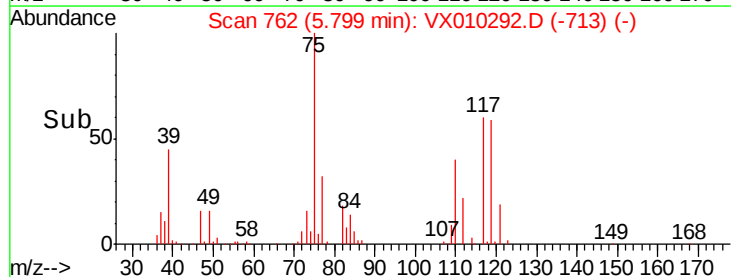
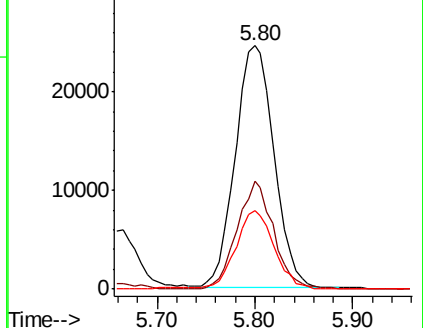
77 31.3 25.0 37.4

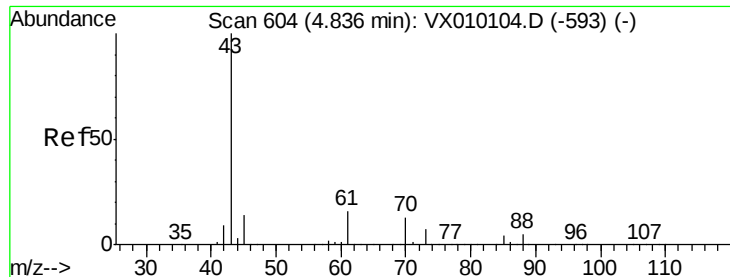


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

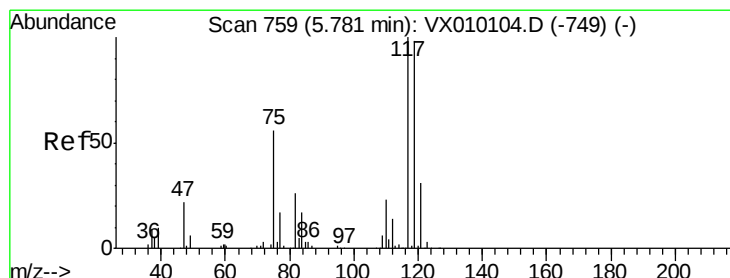
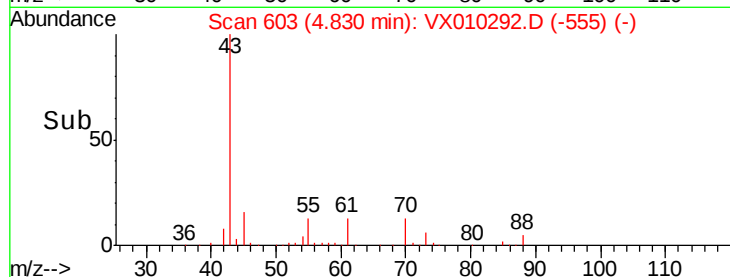
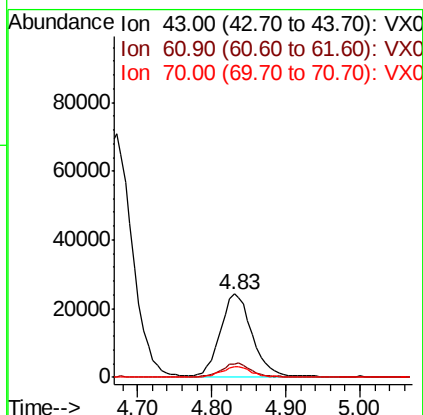
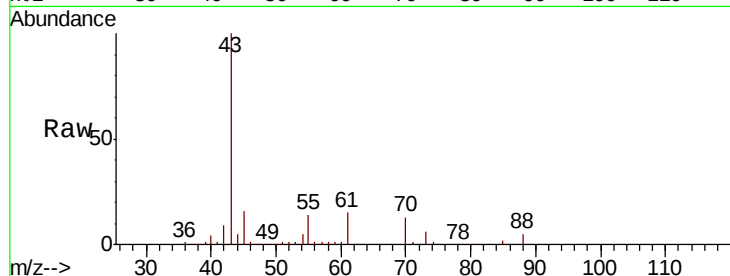




#37
Ethyl Acetate
Concen: 19.152 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

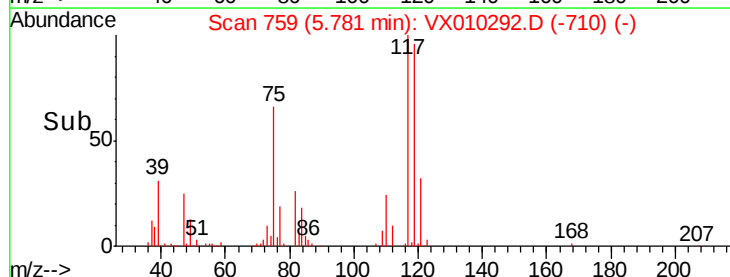
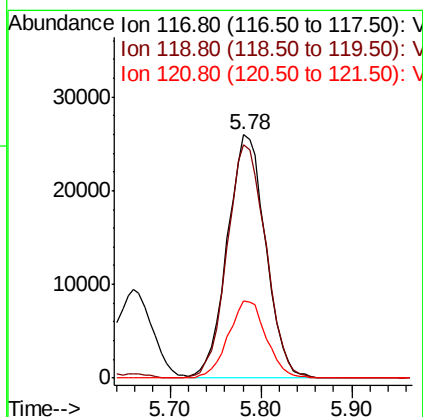
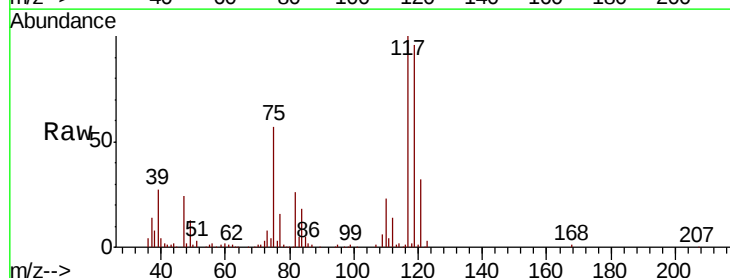
Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

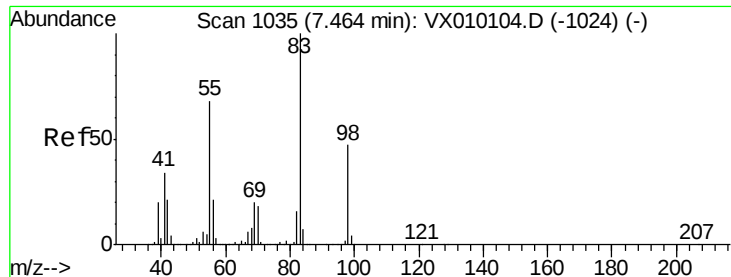
Tot Ion: 43 Resp: 71652
Ion Ratio Lower Upper
43 100
61 16.7 10.2 15.2#
70 12.8 7.4 11.2#



#38
Carbon Tetrachloride
Concen: 18.691 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion: 117 Resp: 76072
Ion Ratio Lower Upper
117 100
119 95.8 77.3 115.9
121 31.7 25.4 38.0

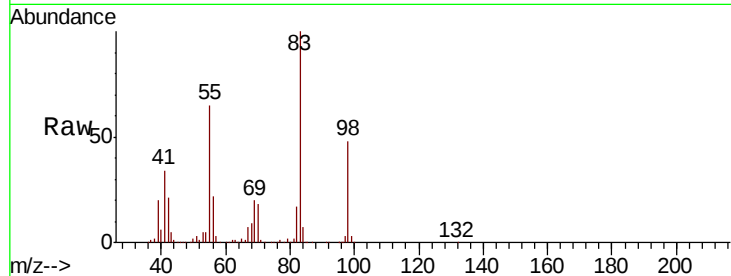




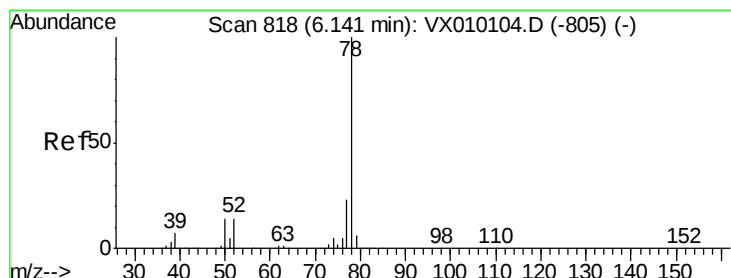
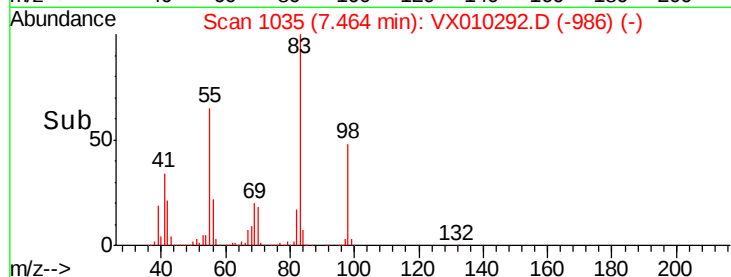
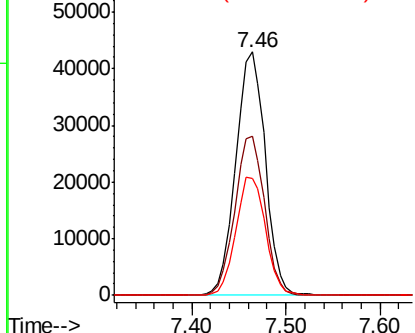
#39
Methylvlcvclohexane
Concen: 19.161 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

Tot Ion: 83 Resp: 93817
Ion Ratio Lower Upper
83 100
55 65.3 69.9 104.9#
98 48.0 35.1 52.7

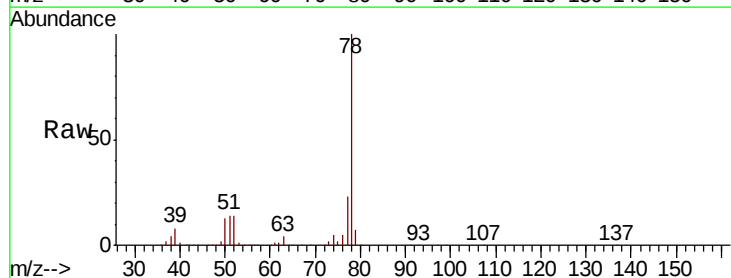


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

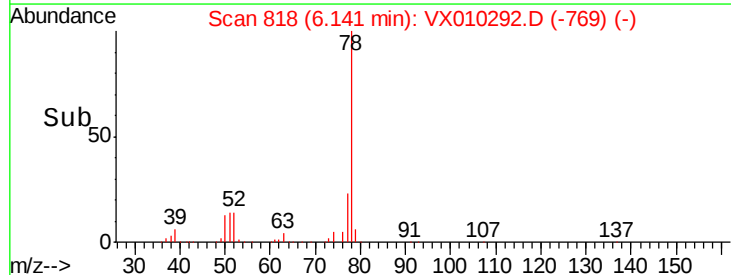
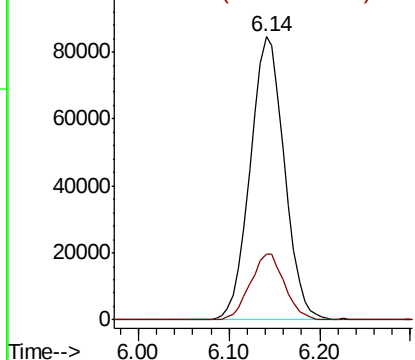


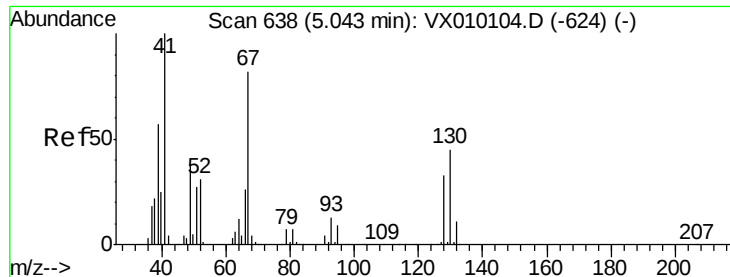
#40
Benzene
Concen: 19.834 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion: 78 Resp: 220530
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8



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

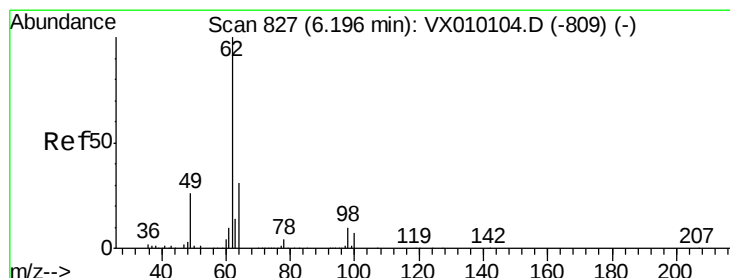
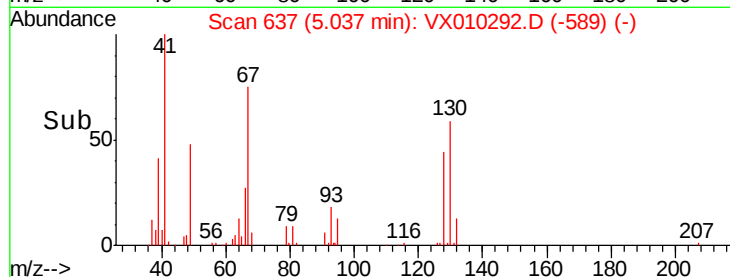
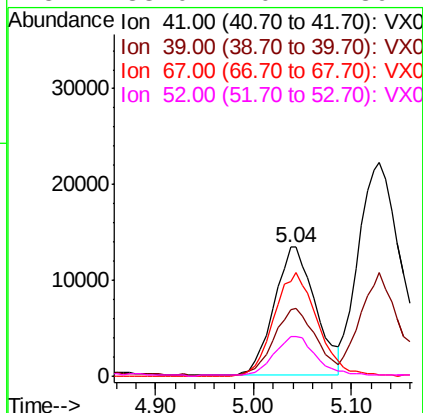
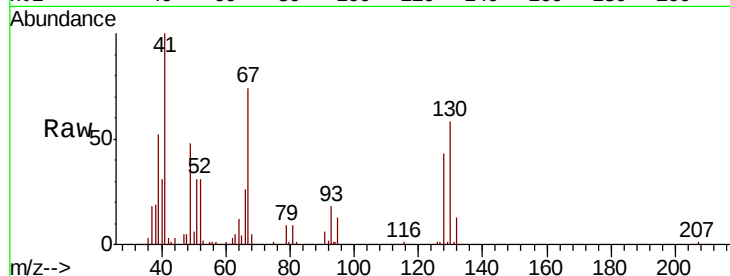




#41
Methacrylonitrile
Concen: 19.710 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

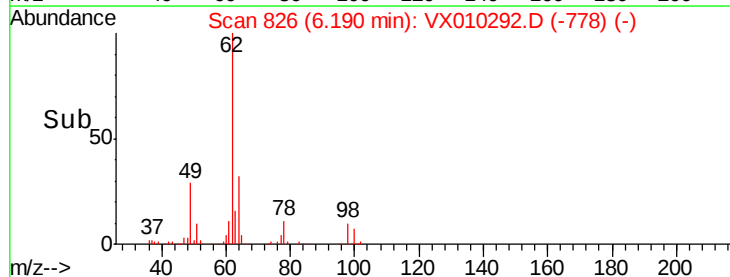
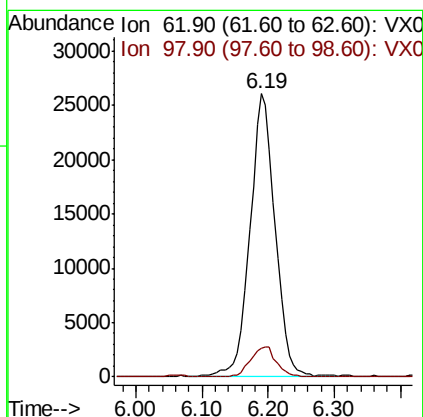
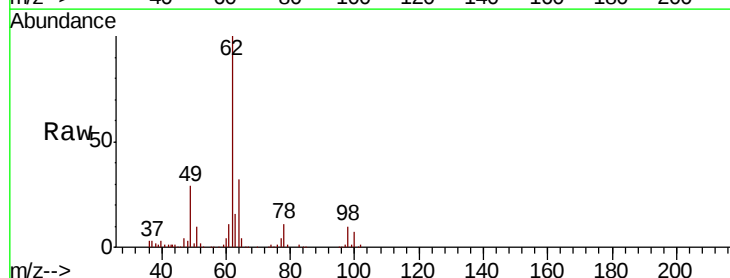
Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

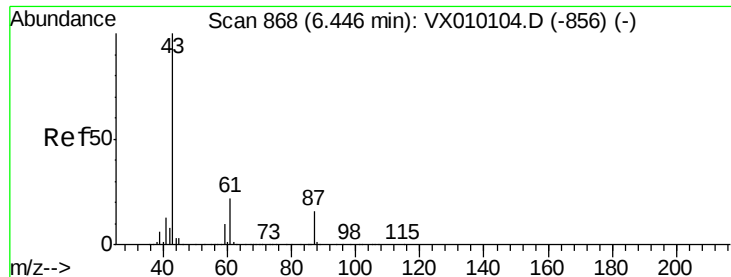
Tot Ion: 41 Resp: 39887
Ion Ratio Lower Upper
41 100
39 53.0 42.2 63.4
67 84.5 48.9 73.3#
52 33.0 20.1 30.1#



#42
1,2-Dichloroethane
Concen: 19.252 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion: 62 Resp: 68335
Ion Ratio Lower Upper
62 100
98 11.0 0.0 17.2



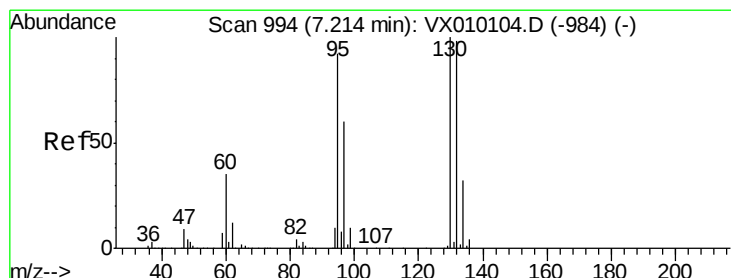
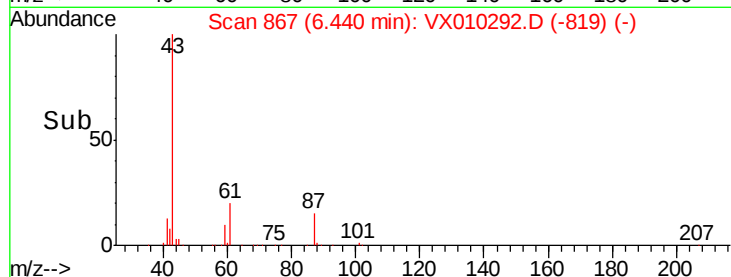
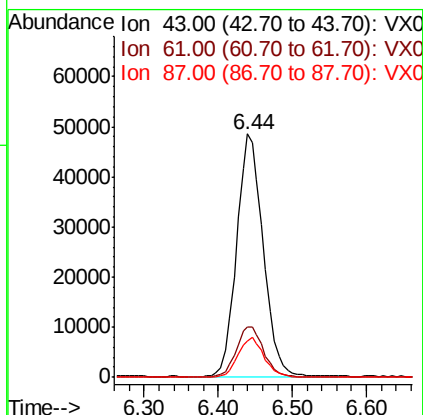
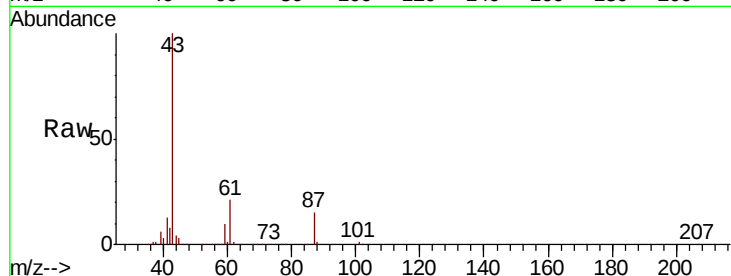


#43

Isopropyl Acetate
 Concen: 19.334 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBS01

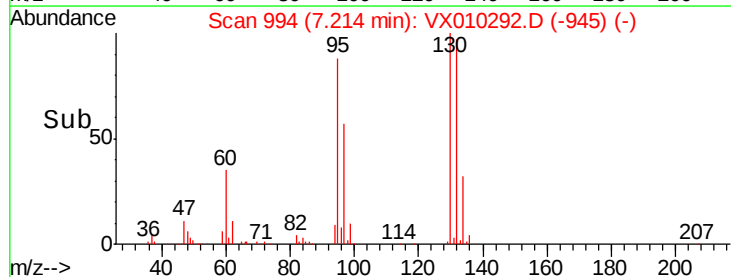
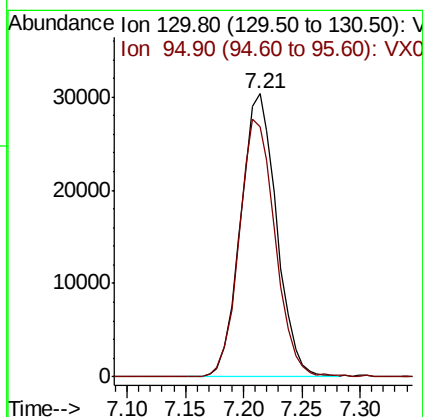
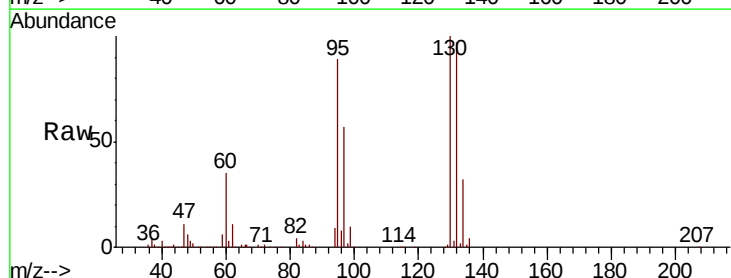
Tot Ion	43	Resp	120938
Ion Ratio	Lower	Upper	
43	100		
61	21.5	14.6	21.8
87	16.4	8.7	13.1

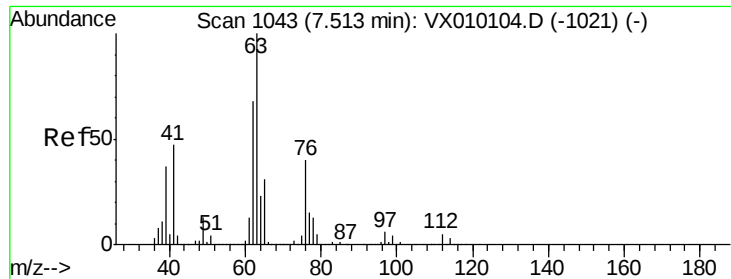


#44

Trichloroethene
 Concen: 19.517 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

Tgt Ion	130	Resp	65410
Ion Ratio	Lower	Upper	
130	100		
95	88.5	0.0	207.4





#45

1,2-Dichloropropane

Concen: 20.160 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

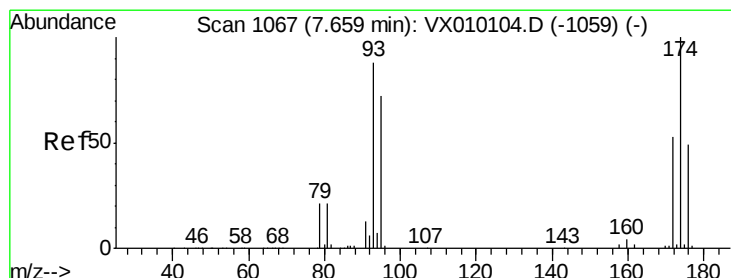
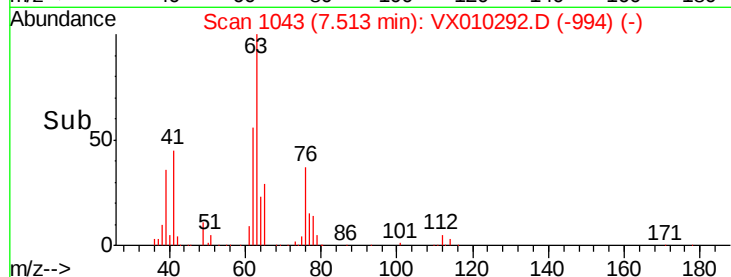
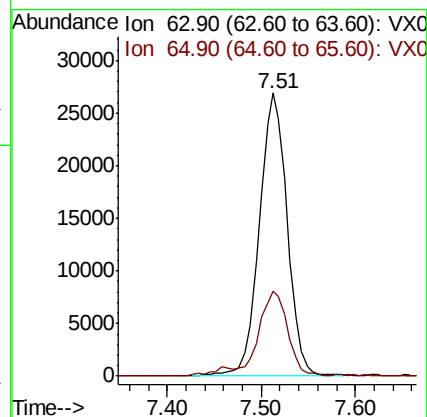
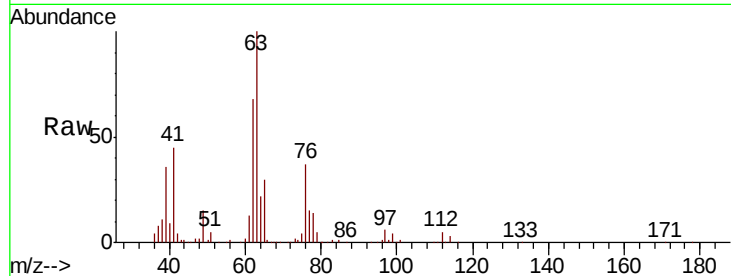
VX0614WBS01

Tot Ion: 63 Resp: 56104

Ion Ratio Lower Upper

63 100

65 29.5 25.7 38.5



#46

Dibromomethane

Concen: 18.987 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

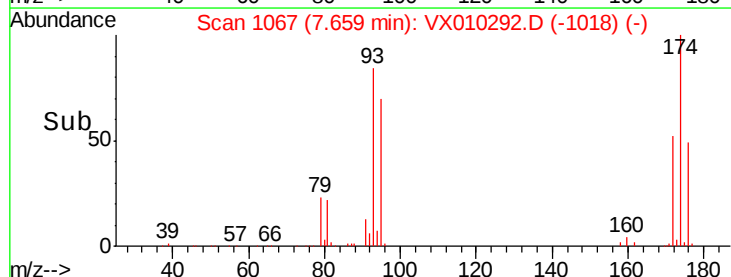
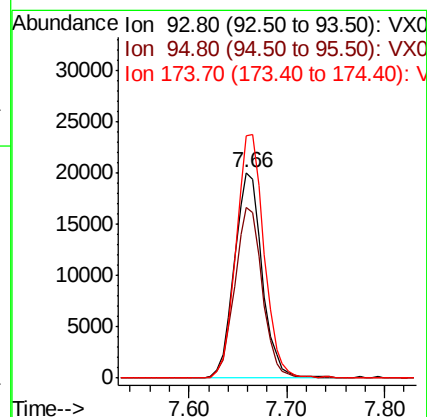
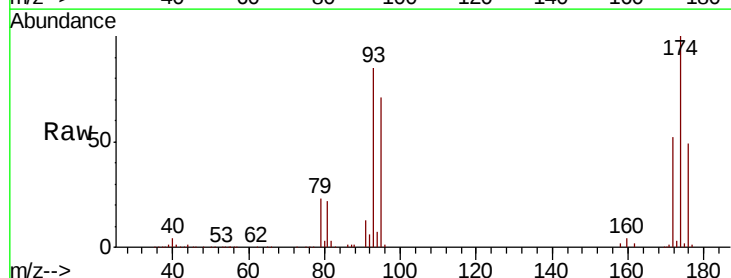
Tgt Ion: 93 Resp: 39585

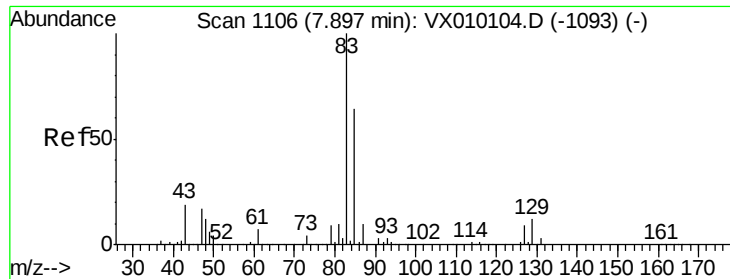
Ion Ratio Lower Upper

93 100

95 82.7 66.8 100.2

174 118.8 81.9 122.9





#47

Bromodichloromethane

Concen: 18.788 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampled :

VX0614WBS01

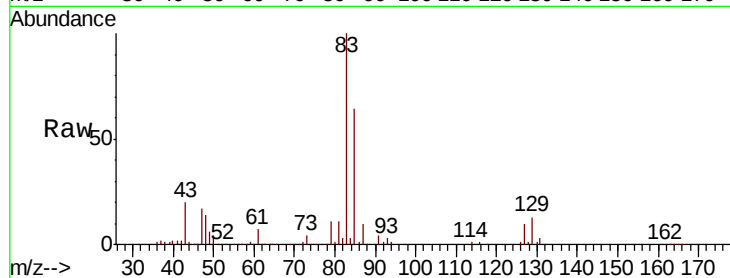
Tot Ion: 83 Resp: 73192

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.2

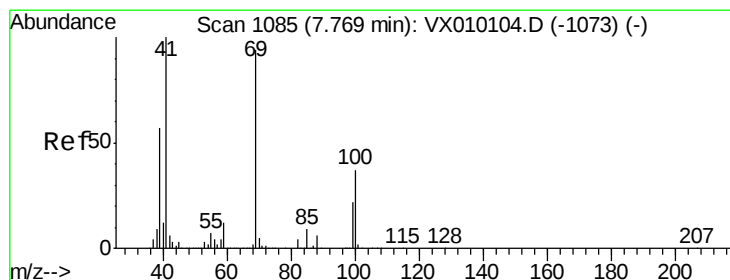
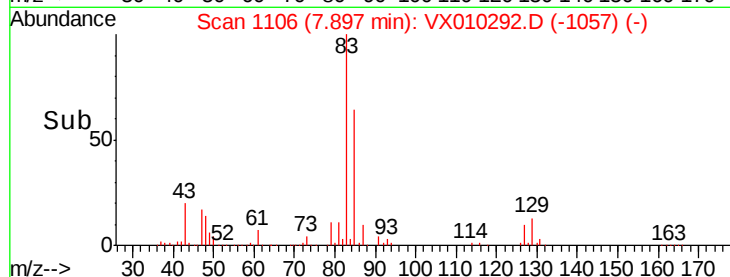
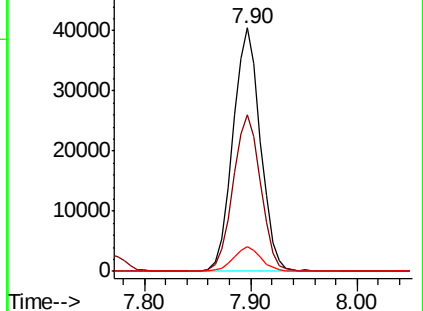
127 10.2 6.4 9.6#



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: 18.860 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

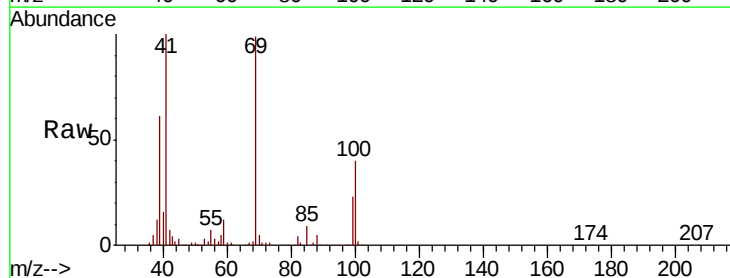
Tgt Ion: 41 Resp: 55174

Ion Ratio Lower Upper

41 100

69 100.0 56.4 84.6#

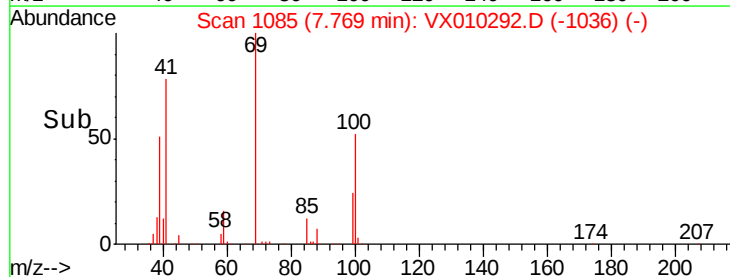
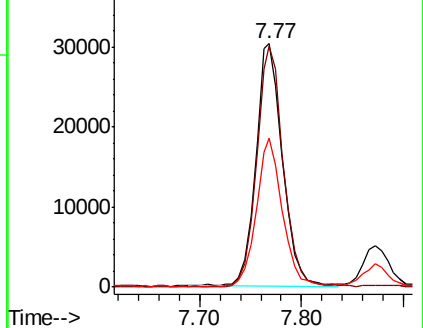
39 60.7 40.6 60.8

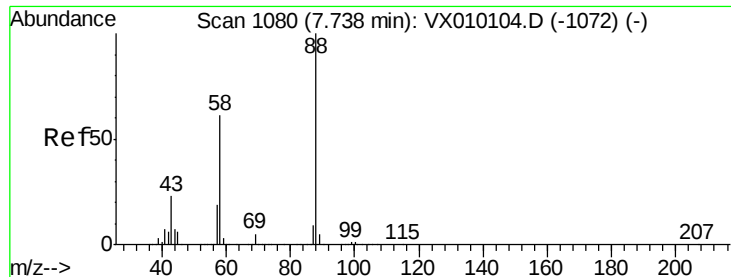


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

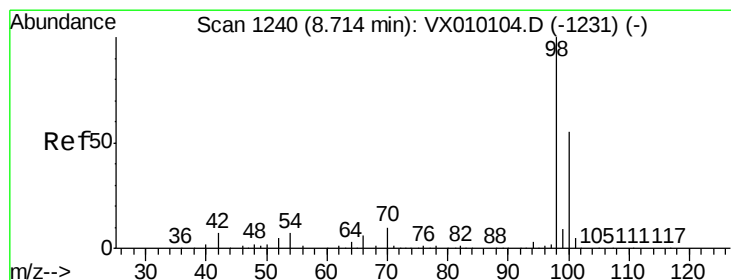
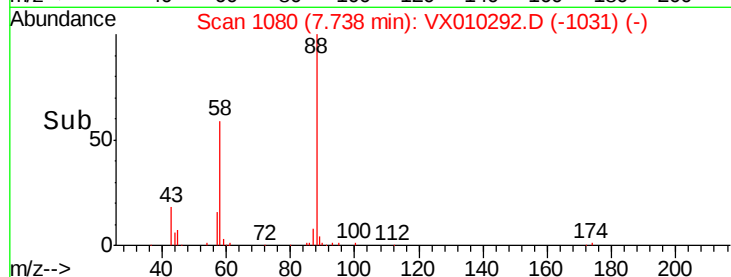
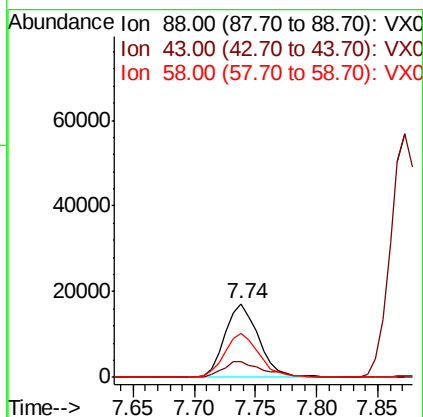
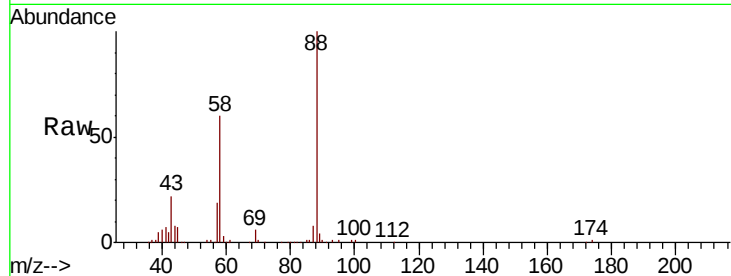




#49
1,4-Dioxane
Concen: 388.111 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

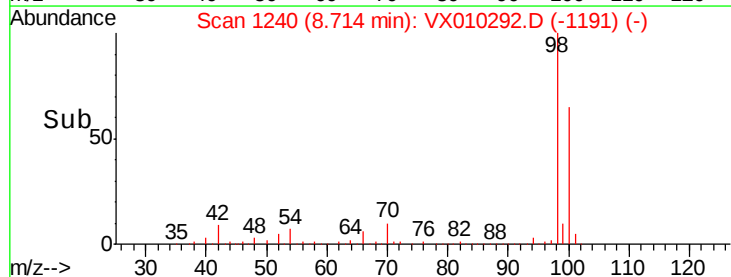
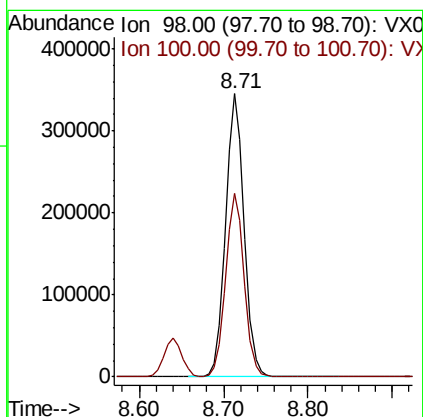
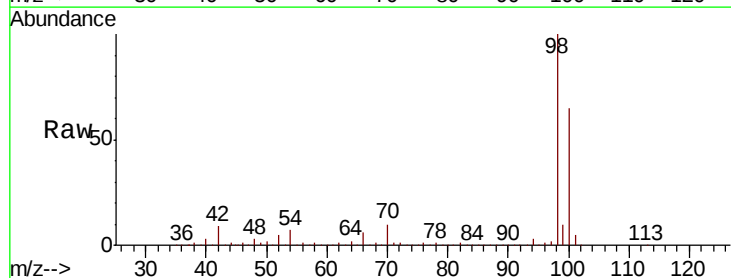
Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

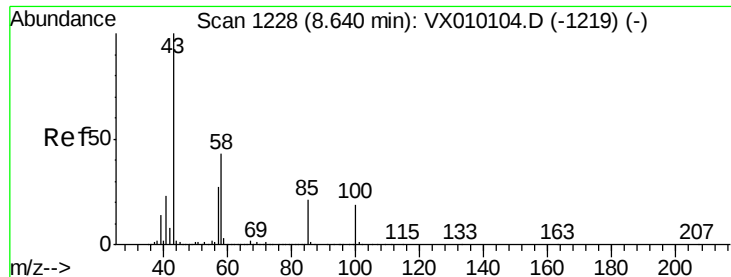
Tot Ion: 88 Resp: 32371
Ion Ratio Lower Upper
88 100
43 25.8 30.2 45.4#
58 62.3 64.0 96.0#



#50
Toluene-d8
Concen: 51.149 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion: 98 Resp: 521133
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 104.022 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

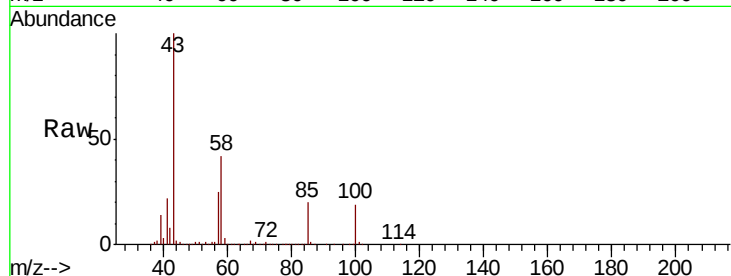
VX0614WBS01

Tot Ion: 43 Resp: 388718

Ion Ratio Lower Upper

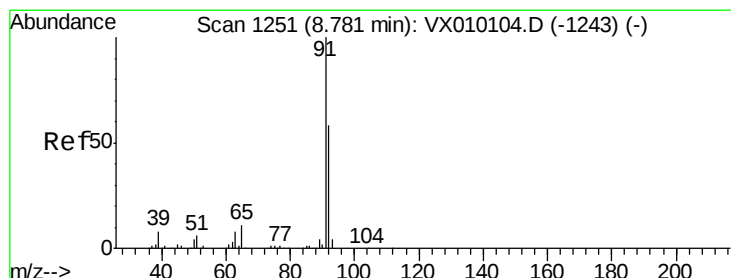
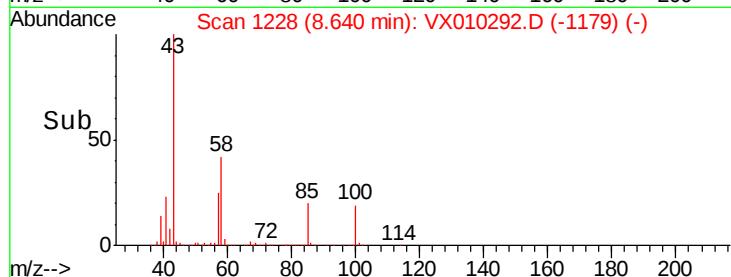
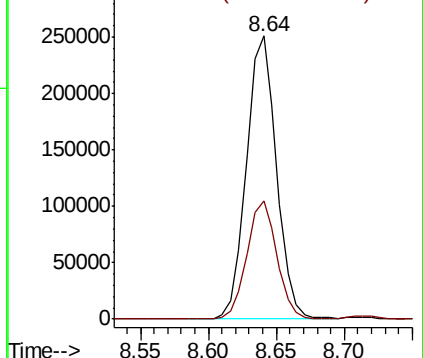
43 100

58 41.6 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: 19.624 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX010292.D

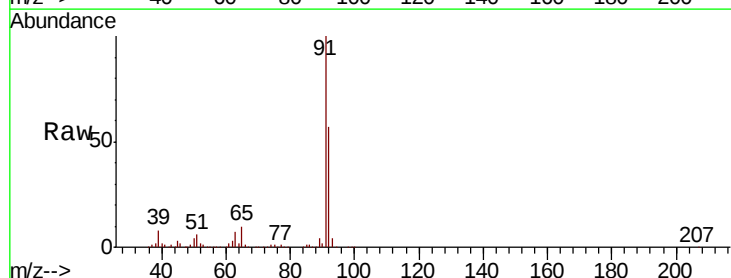
Acq: 14 Jun 2019 11:59

Tgt Ion: 92 Resp: 143426

Ion Ratio Lower Upper

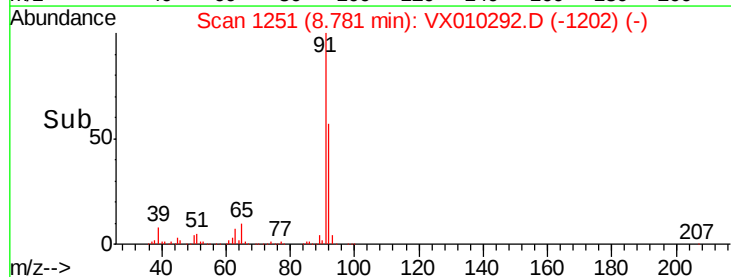
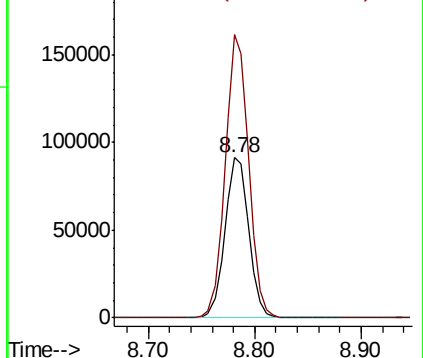
92 100

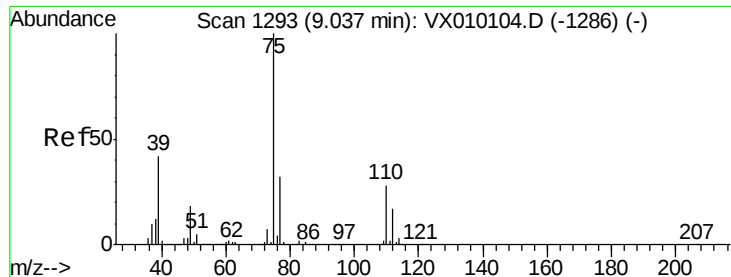
91 173.5 139.9 209.9



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: 18.232 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

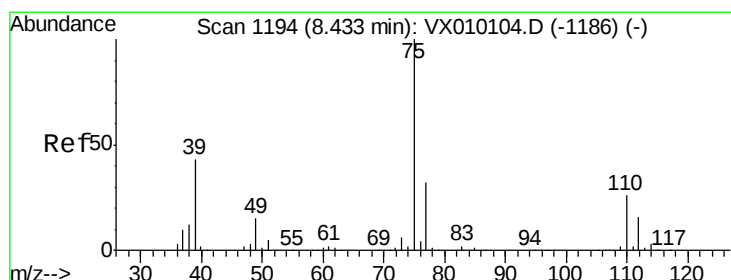
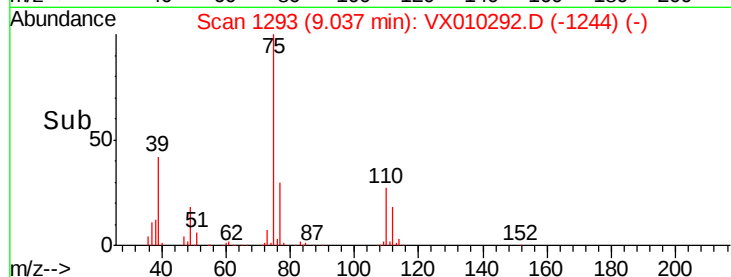
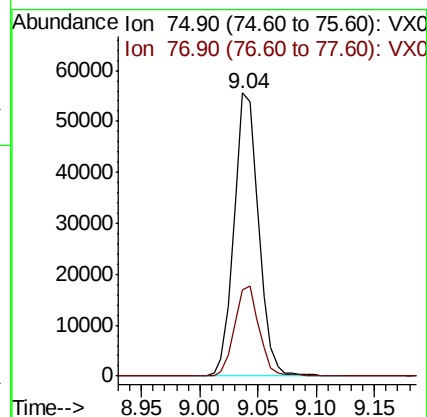
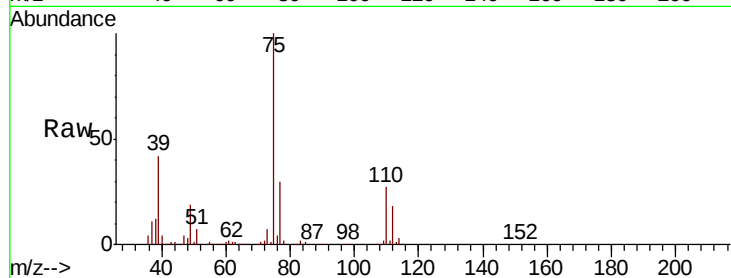
VX0614WBS01

Tot Ion: 75 Resp: 82158

Ion Ratio Lower Upper

75 100

77 30.5 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 18.654 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

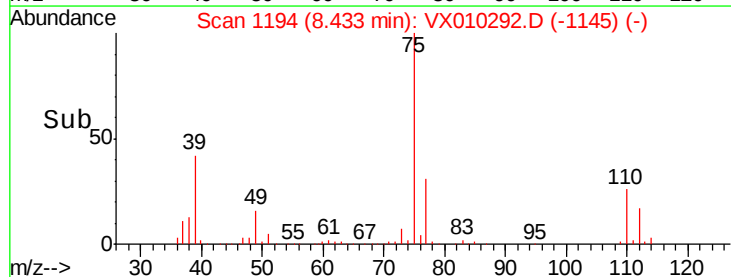
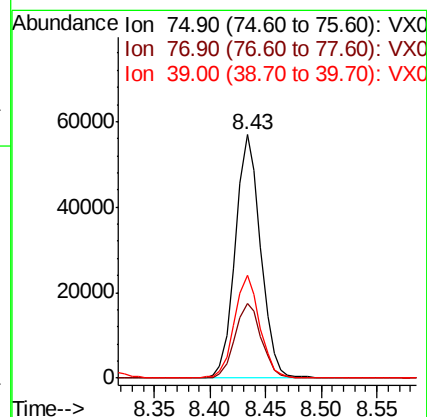
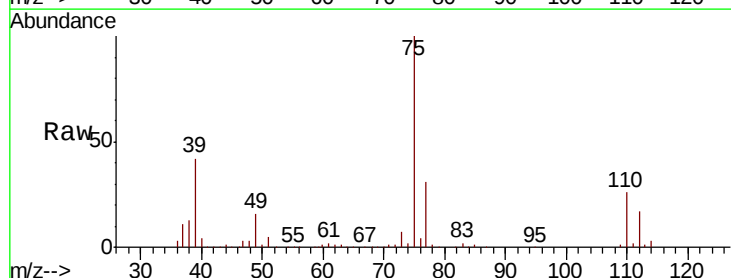
Tgt Ion: 75 Resp: 90113

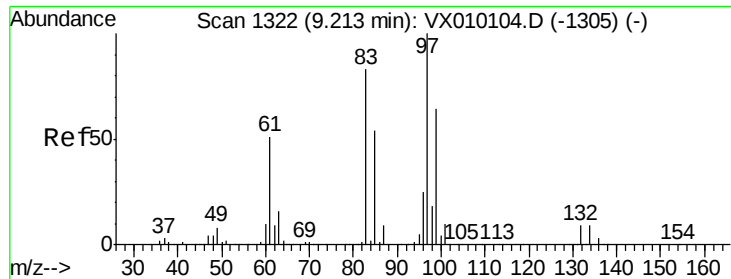
Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2

39 42.2 43.4 65.0#

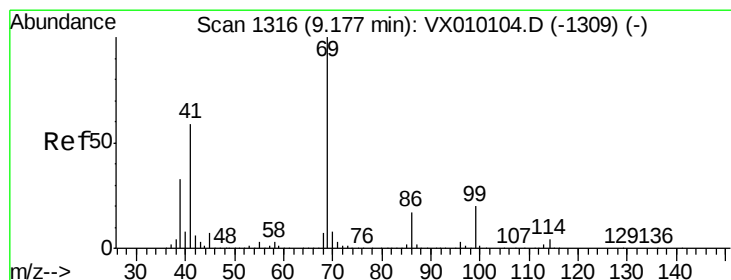
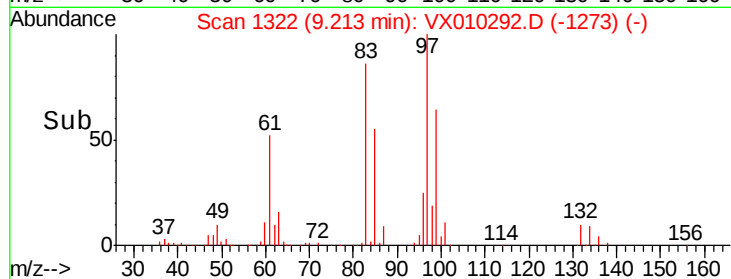
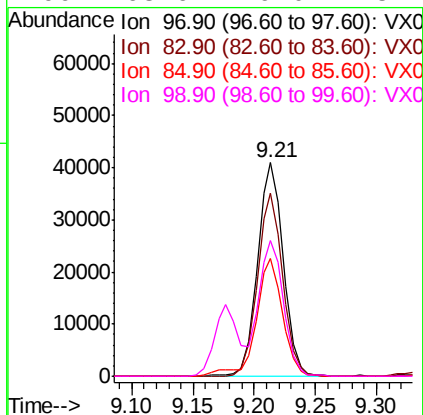
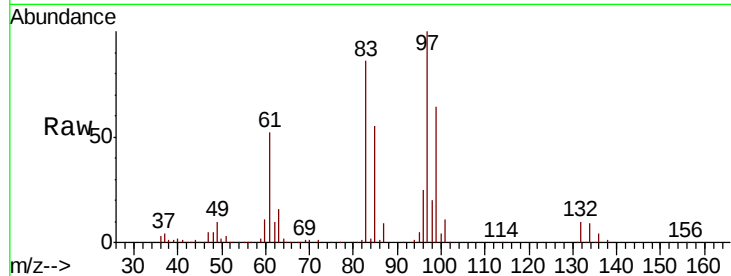




#55
 1,1,2-Trichloroethane
 Concen: 20.088 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

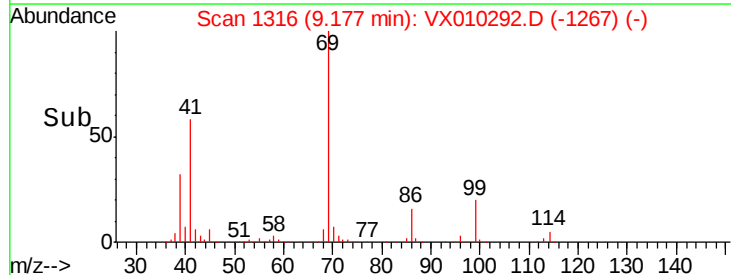
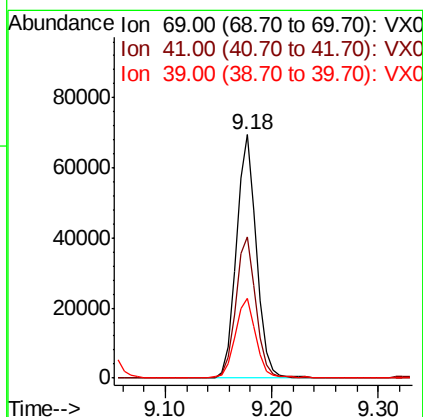
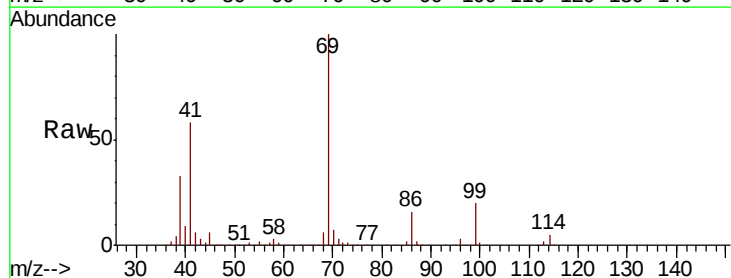
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBS01

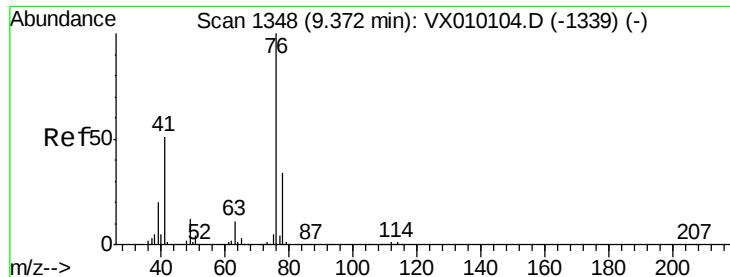
Tot Ion: 97 Resp: 60127
 Ion Ratio Lower Upper
 97 100
 83 85.7 69.8 104.8
 85 55.2 45.3 67.9
 99 63.6 49.0 73.4



#56
 Ethyl methacrylate
 Concen: 19.429 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

Tgt Ion: 69 Resp: 91864
 Ion Ratio Lower Upper
 69 100
 41 57.4 62.7 94.1#
 39 34.0 29.5 44.3





#57

1,3-Dichloropropane

Concen: 19.973 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

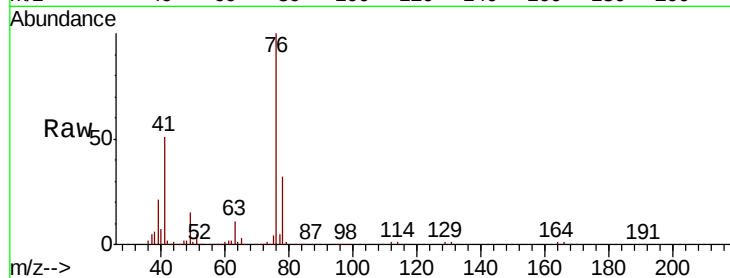
VX0614WBS01

Tot Ion: 76 Resp: 94122

Ion Ratio Lower Upper

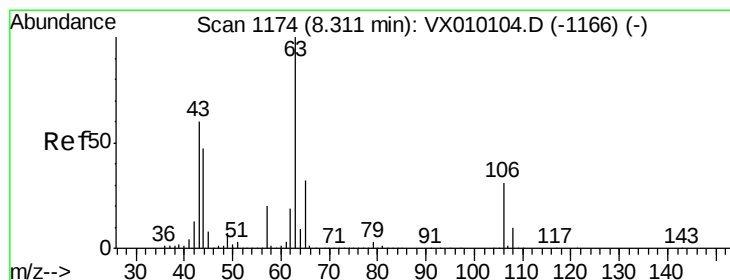
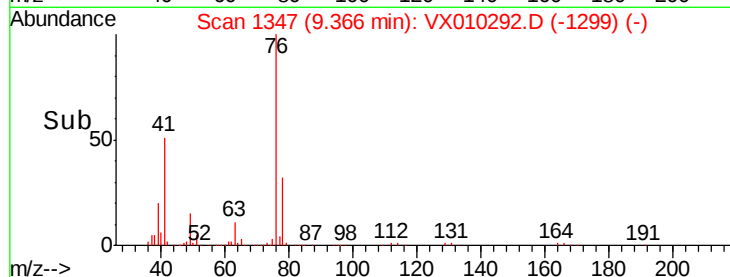
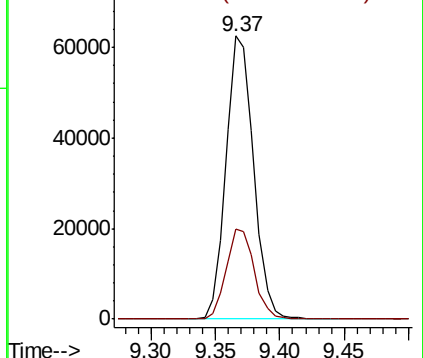
76 100

78 32.4 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: 78.832 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010292.D

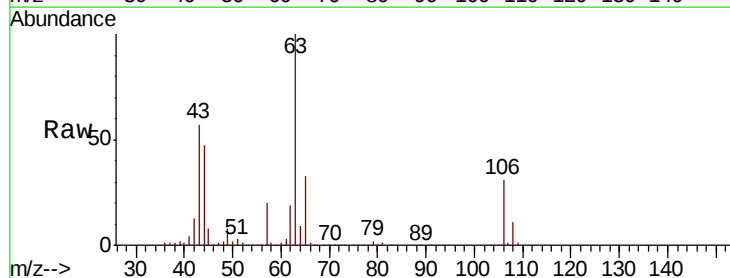
Acq: 14 Jun 2019 11:59

Tgt Ion: 63 Resp: 175718

Ion Ratio Lower Upper

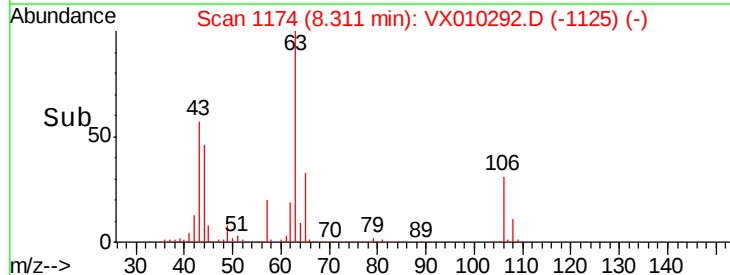
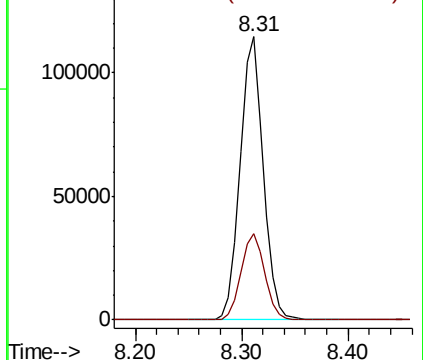
63 100

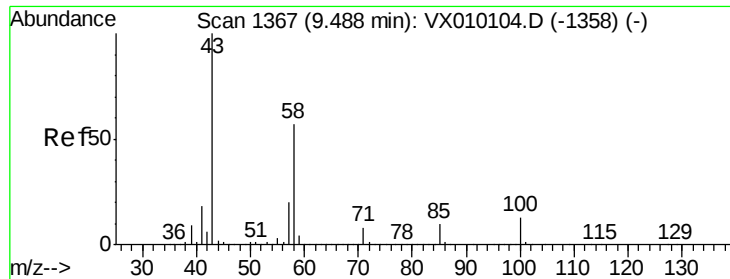
106 31.2 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

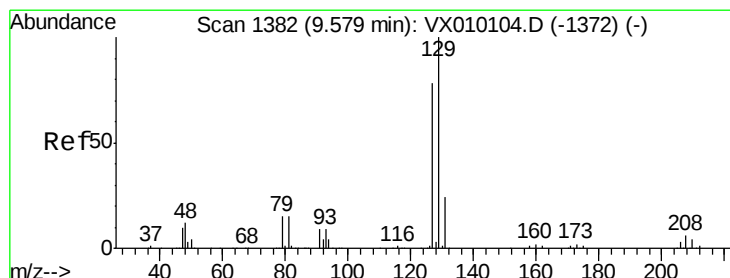
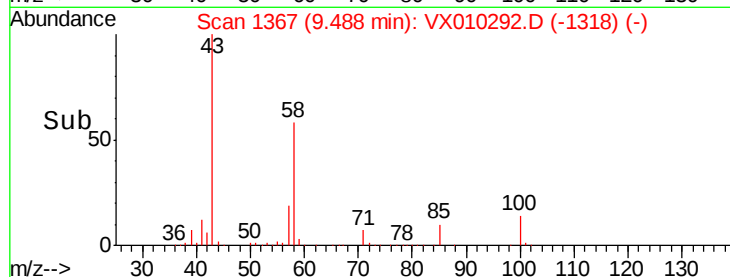
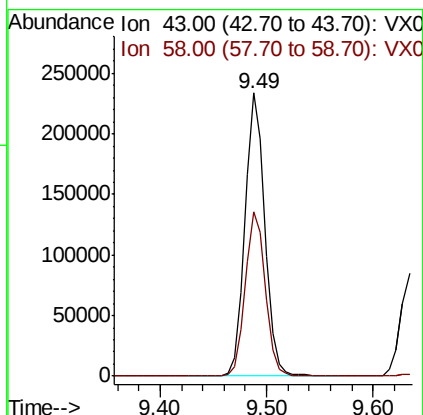
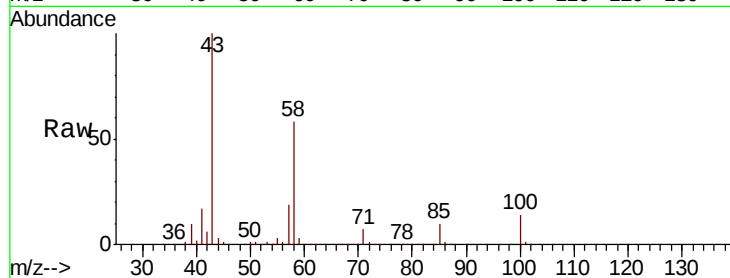




#59
2-Hexanone
Concen: 102.587 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

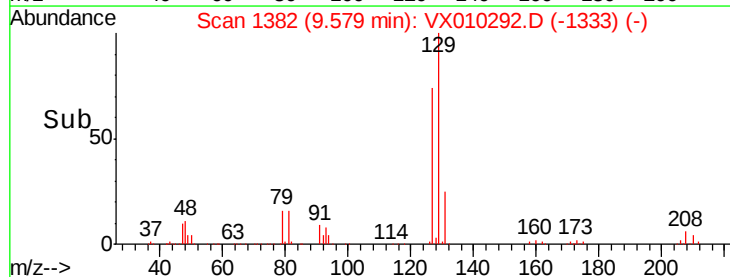
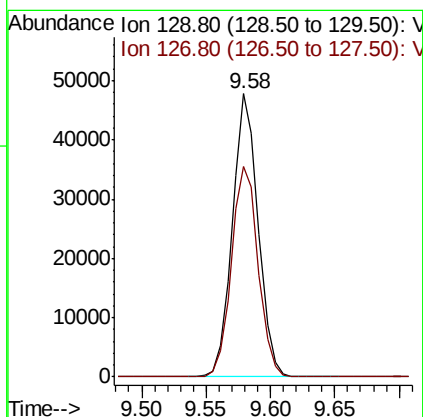
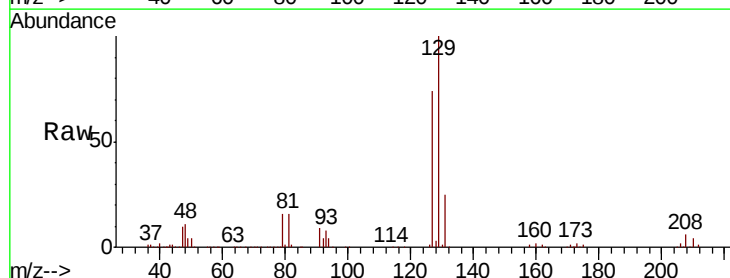
Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

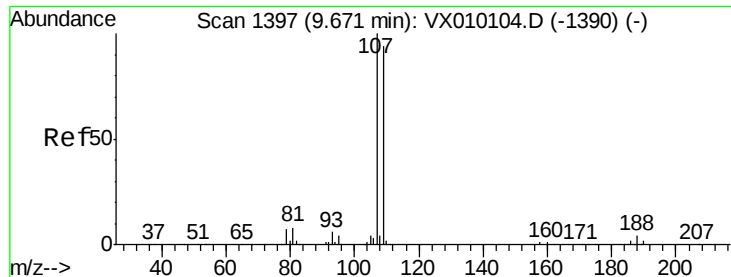
Tot Ion: 43 Resp: 305654
Ion Ratio Lower Upper
43 100
58 59.1 25.1 75.3



#60
Dibromochloromethane
Concen: 18.772 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion: 129 Resp: 66463
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.188 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

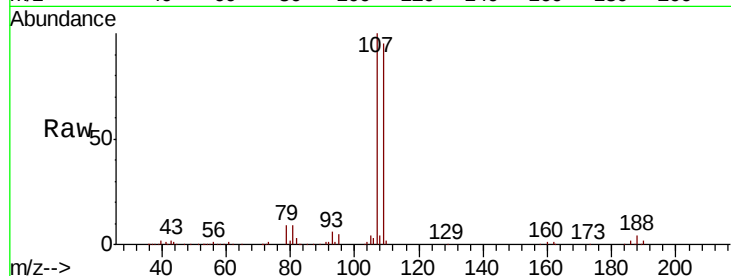
VX0614WBS01

Tot Ion:107 Resp: 63967

Ion Ratio Lower Upper

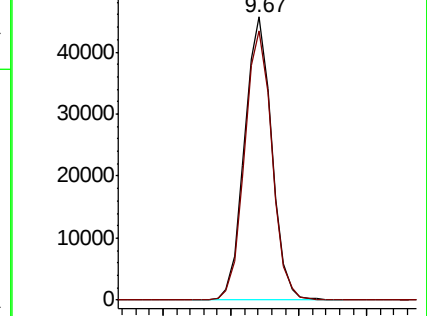
107 100

109 95.8 75.4 113.2

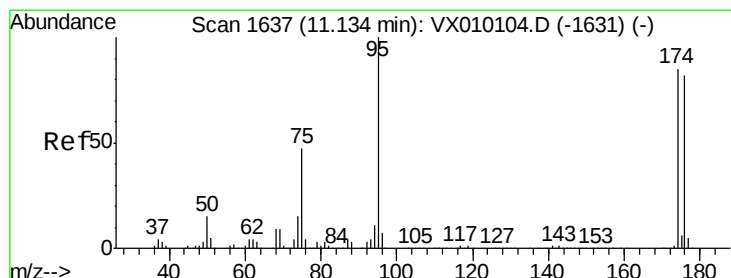
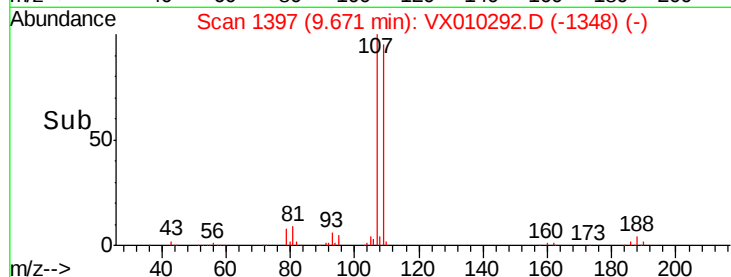


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 50.426 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

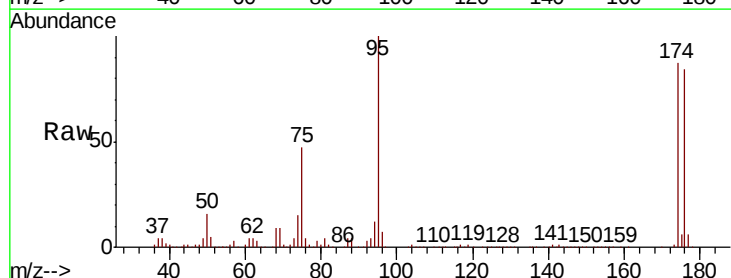
Tgt Ion: 95 Resp: 191872

Ion Ratio Lower Upper

95 100

174 93.2 0.0 160.4

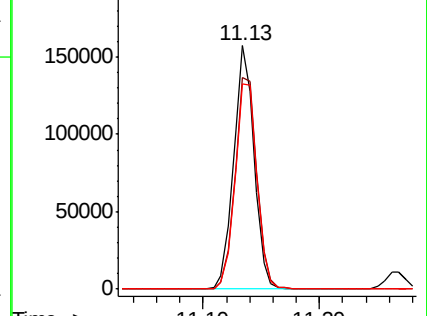
176 90.8 0.0 154.6



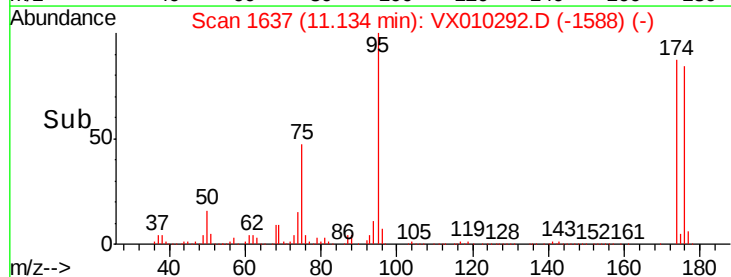
Abundance Ion 94.90 (94.60 to 95.60): VX0

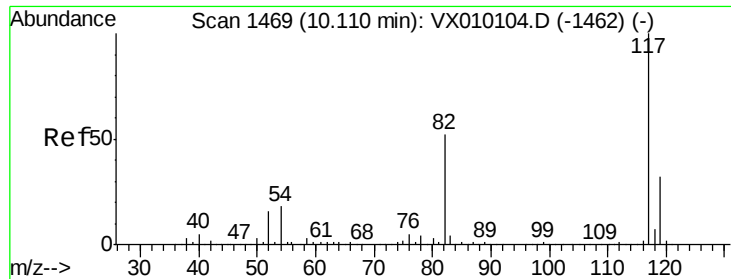
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

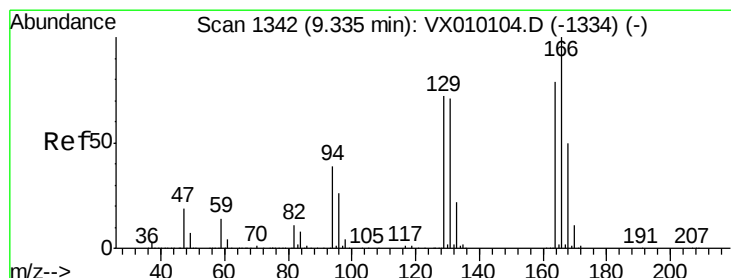
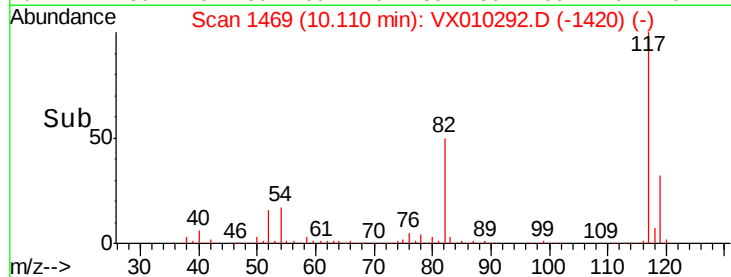
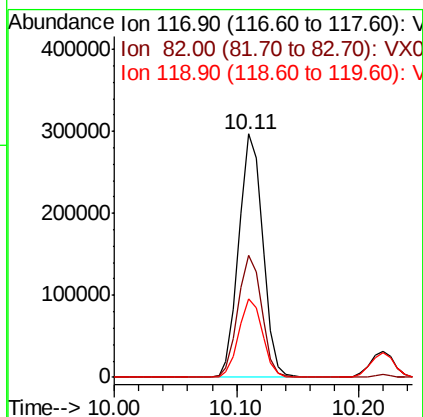
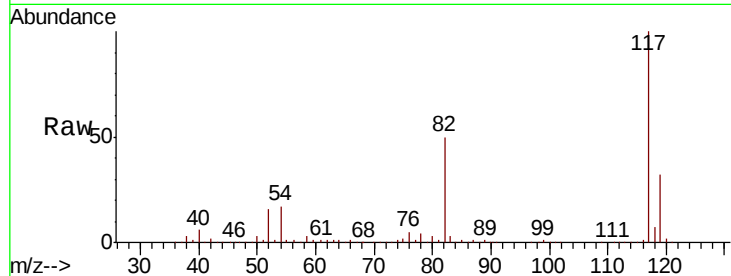




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

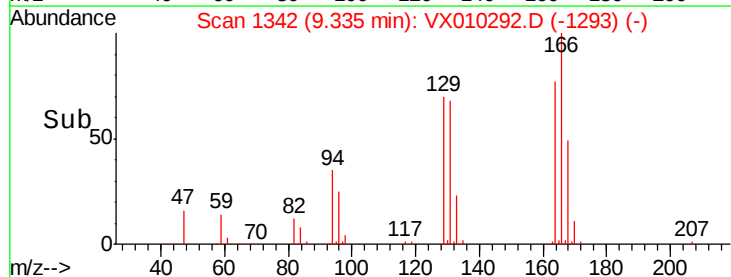
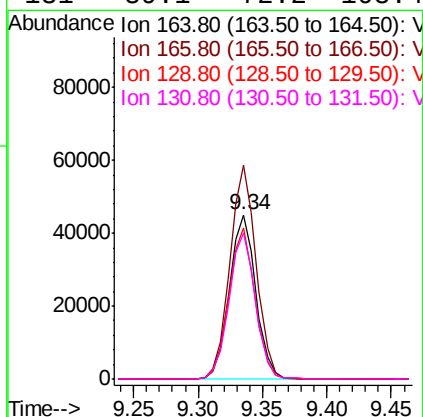
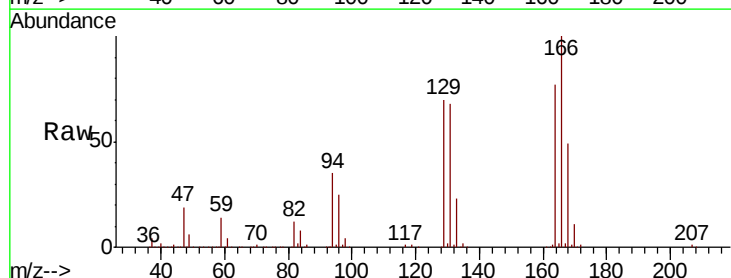
Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

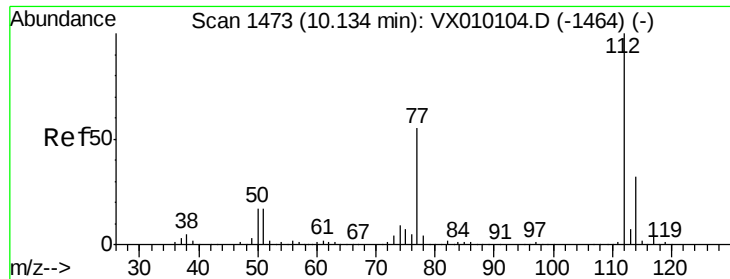
Tot Ion:117 Resp: 401393
Ion Ratio Lower Upper
117 100
82 50.1 49.2 73.8
119 32.1 25.2 37.8



#64
Tetrachloroethene
Concen: 21.696 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion:164 Resp: 64682
Ion Ratio Lower Upper
164 100
166 130.2 105.0 157.4
129 91.8 75.1 112.7
131 89.1 72.2 108.4

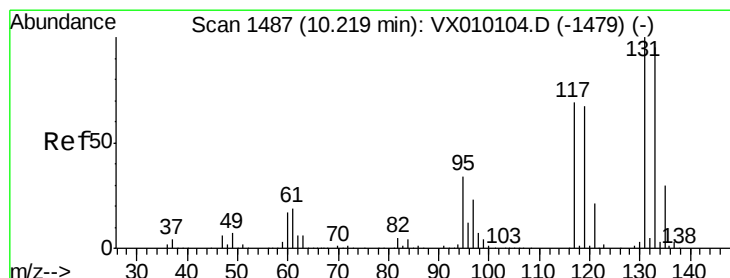
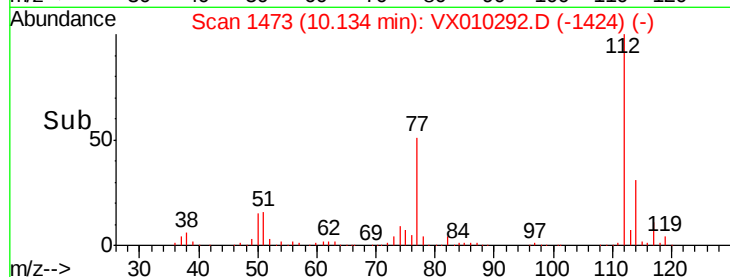
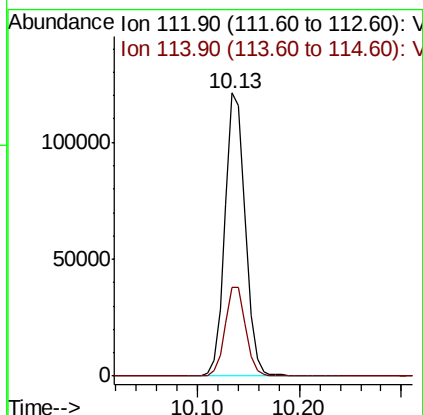
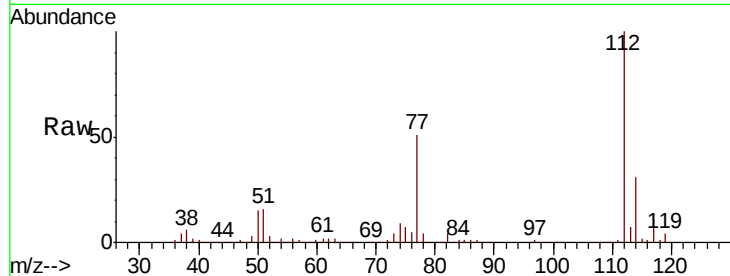




#65
Chlorobenzene
Concen: 20.094 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

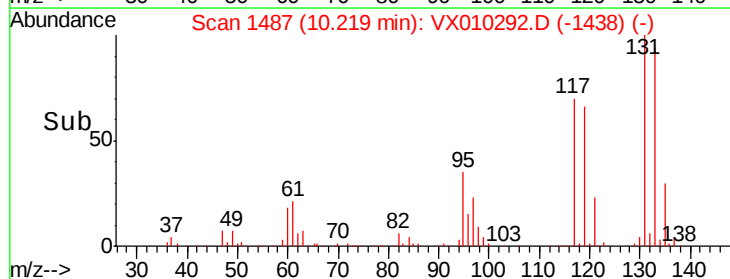
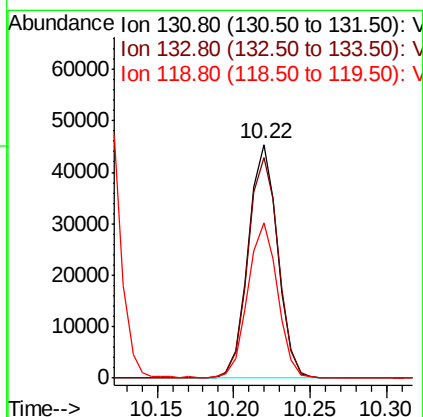
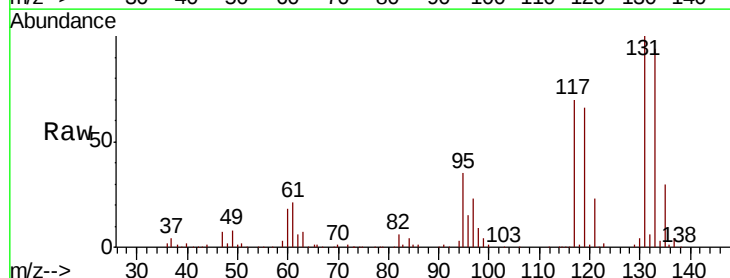
Instrument :
MSVOA_X
ClientSampled :
VX0614WBS01

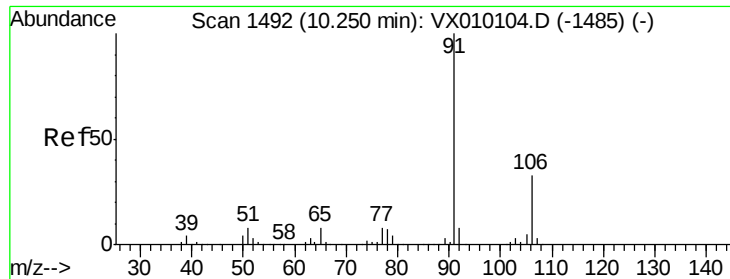
Tot Ion:112 Resp: 166467
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.049 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion:131 Resp: 60689
Ion Ratio Lower Upper
131 100
133 97.5 47.5 142.6
119 67.3 33.4 100.1

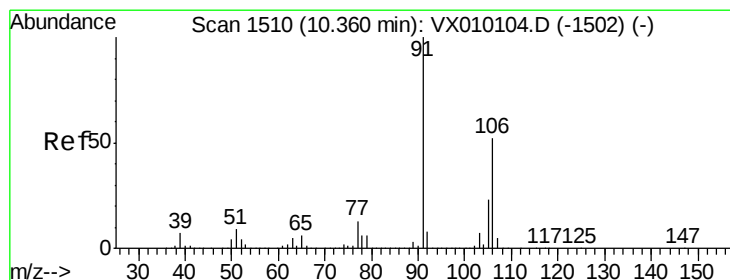
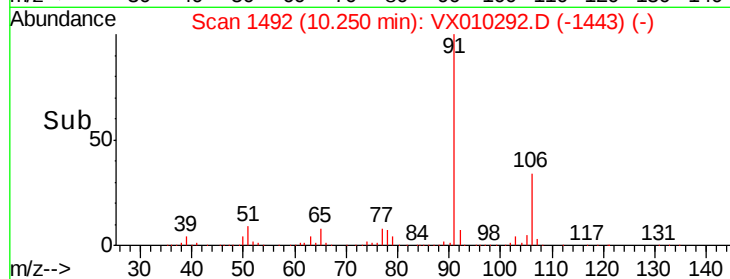
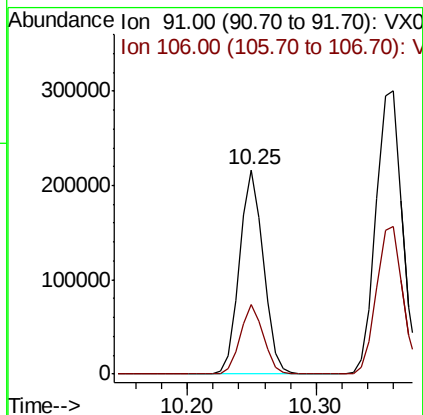
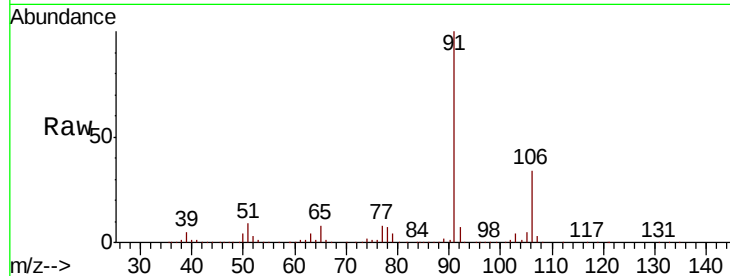




#67
Ethyl Benzene
Concen: 19.779 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

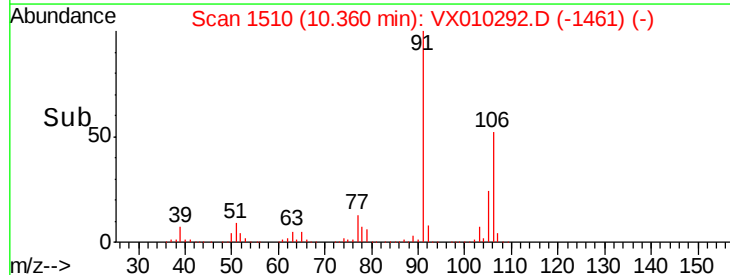
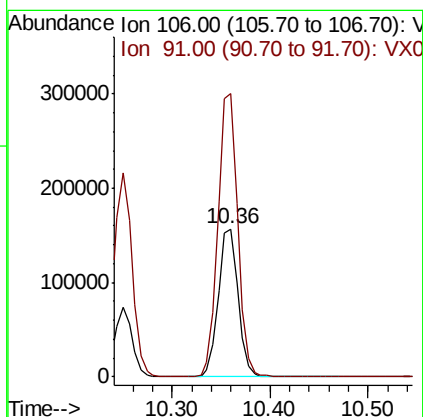
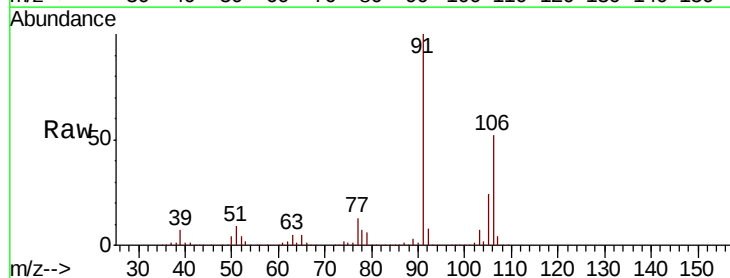
Instrument :
MSVOA_X
ClientSampled :
VX0614WBS01

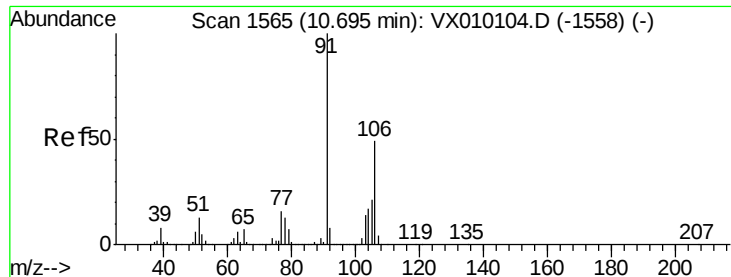
Tot Ion: 91 Resp: 278944
Ion Ratio Lower Upper
91 100
106 33.8 23.9 35.9



#68
m/p-Xylenes
Concen: 40.374 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion: 106 Resp: 220336
Ion Ratio Lower Upper
106 100
91 191.4 167.3 250.9

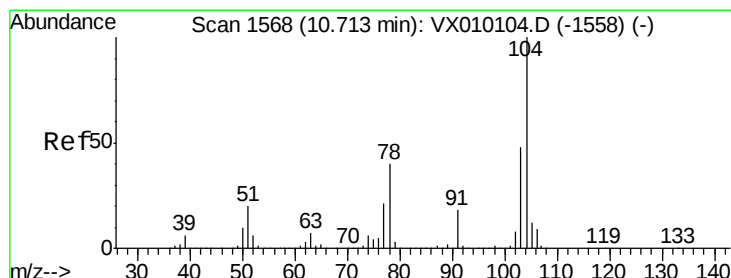
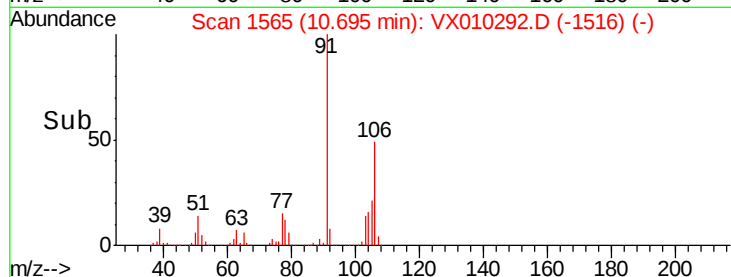
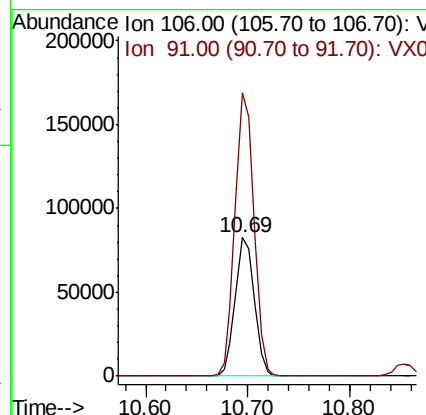
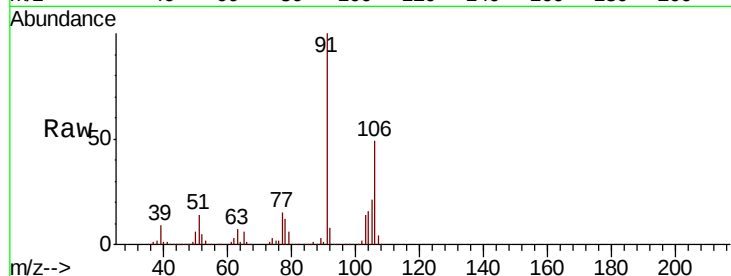




#69
o-Xylene
Concen: 19.709 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

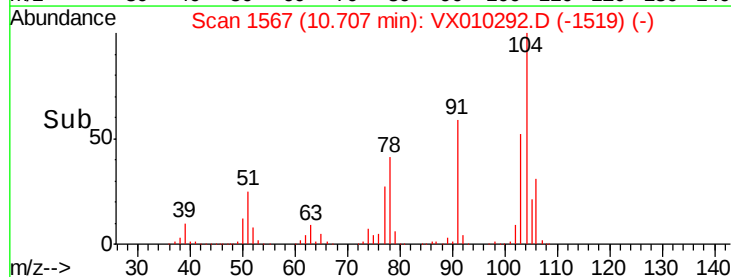
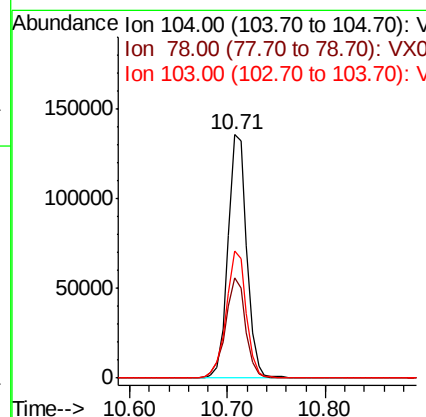
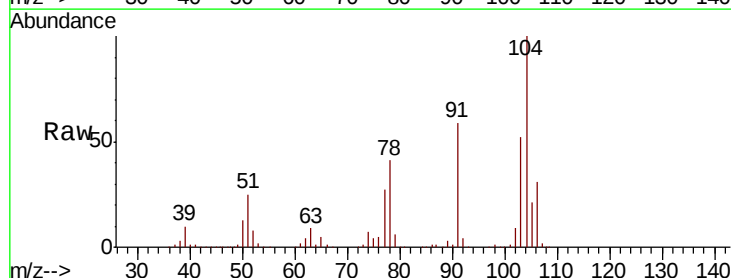
Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

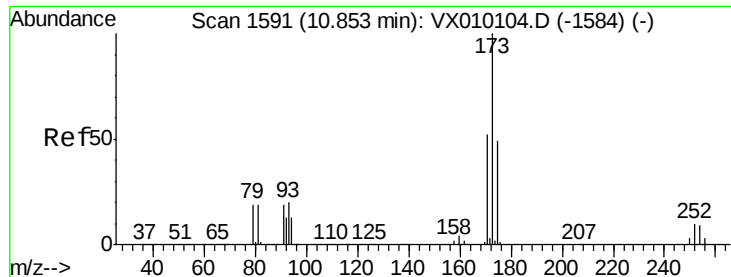
Tot Ion:106 Resp: 106920
Ion Ratio Lower Upper
106 100
91 202.9 110.4 331.2



#70
Styrene
Concen: 19.687 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion:104 Resp: 180889
Ion Ratio Lower Upper
104 100
78 44.2 42.1 63.1
103 55.7 44.1 66.1





#71

Bromoform

Concen: 18.123 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampled :

VX0614WBS01

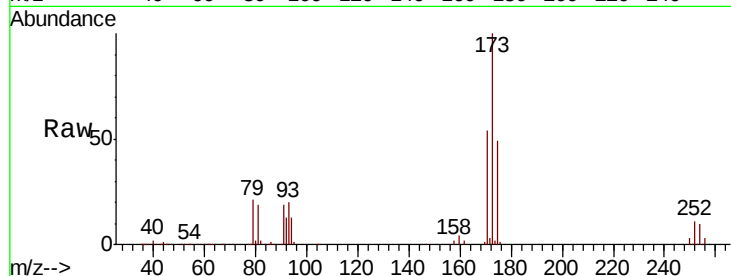
Tot Ion:173 Resp: 53080

Ion Ratio Lower Upper

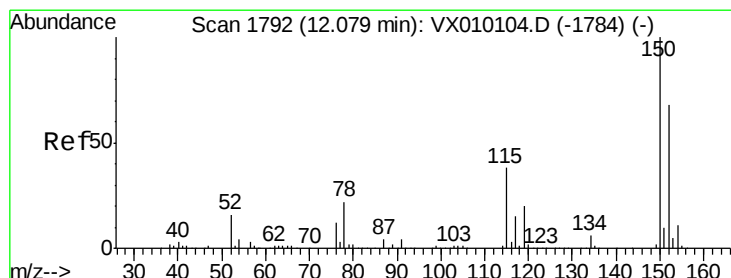
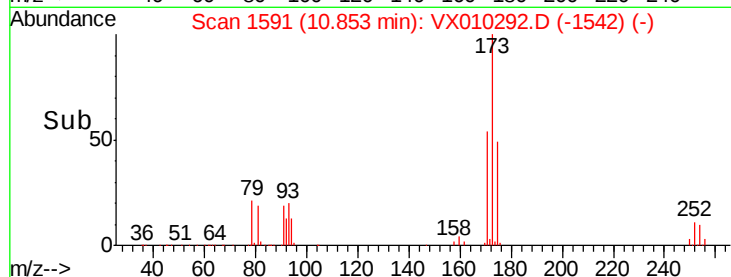
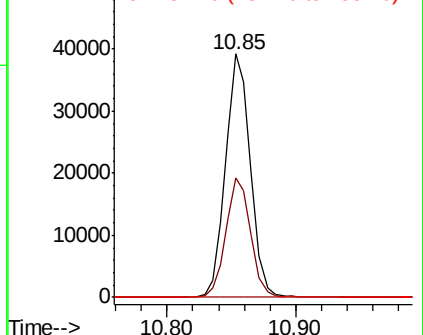
173 100

175 49.0 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: VX010292.D

Acq: 14 Jun 2019 11:59

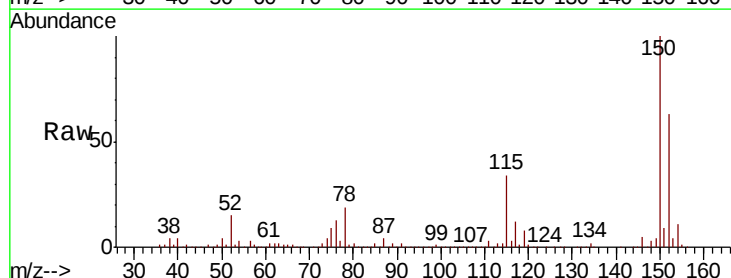
Tgt Ion:152 Resp: 211335

Ion Ratio Lower Upper

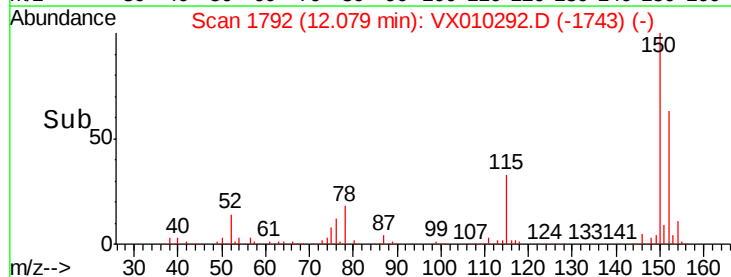
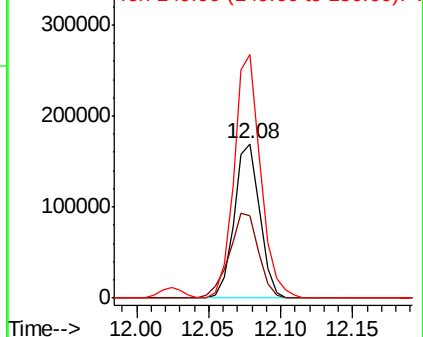
152 100

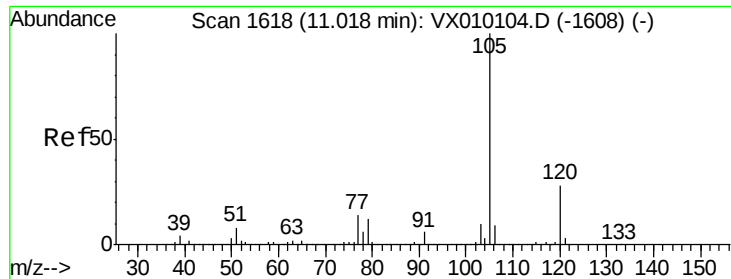
115 62.8 41.4 124.2

150 163.2 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: 19.215 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampled :

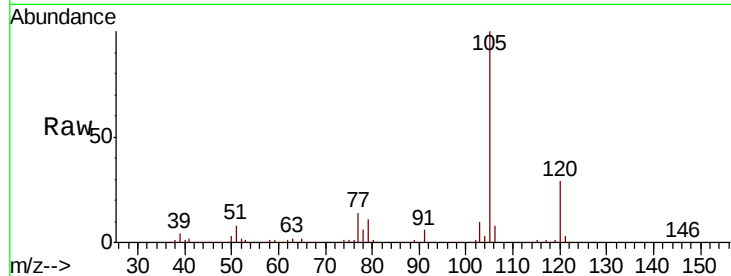
VX0614WBS01

Tot Ion:105 Resp: 283473

Ion Ratio Lower Upper

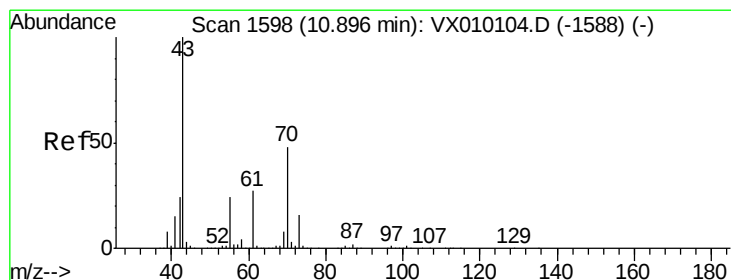
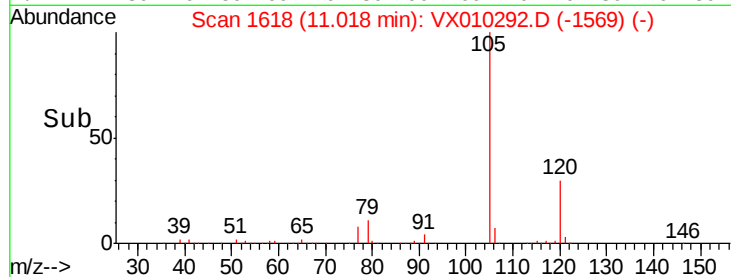
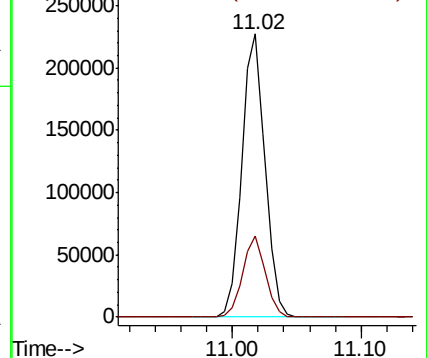
105 100

120 27.9 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.344 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Tgt Ion: 43 Resp: 106974

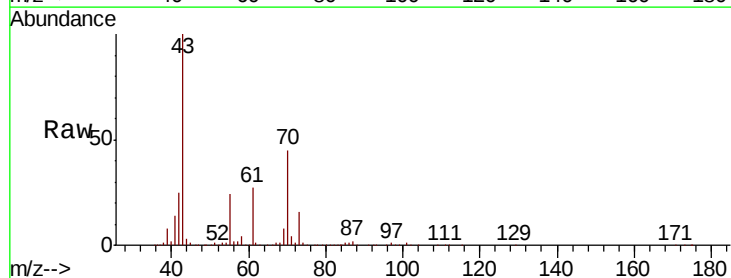
Ion Ratio Lower Upper

43 100

70 45.6 28.6 43.0#

55 24.2 17.8 26.8

61 25.6 17.7 26.5

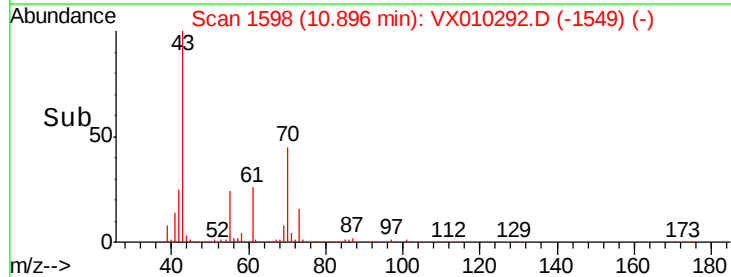
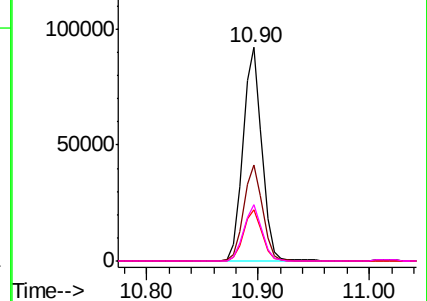


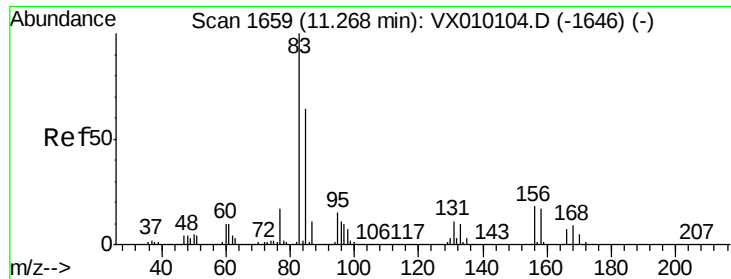
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 18.790 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS01

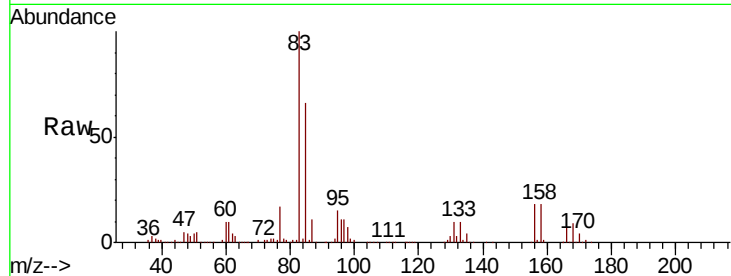
Tot Ion: 83 Resp: 94889

Ion Ratio Lower Upper

83 100

131 10.6 4.7 14.1

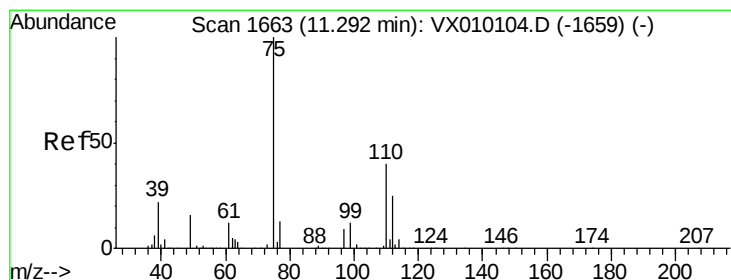
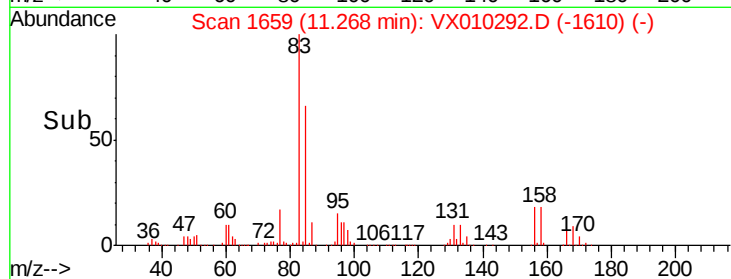
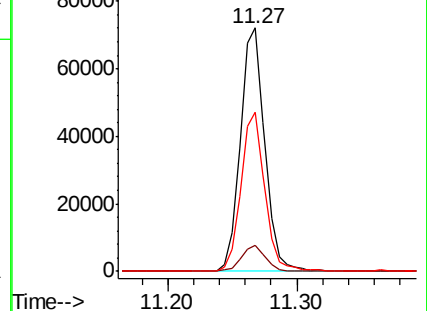
85 64.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.671 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010292.D

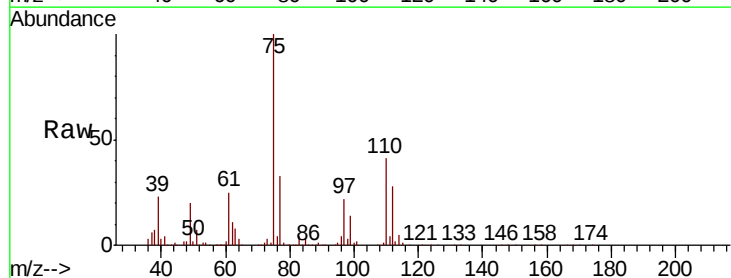
Acq: 14 Jun 2019 11:59

Tgt Ion: 75 Resp: 104288

Ion Ratio Lower Upper

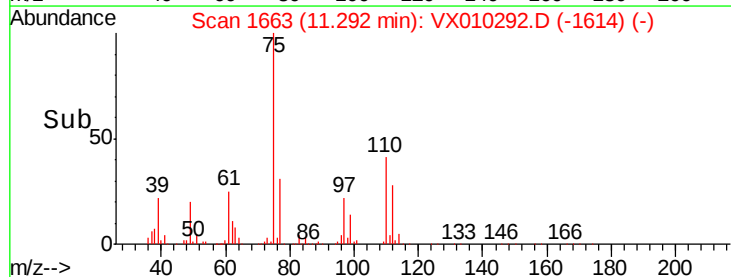
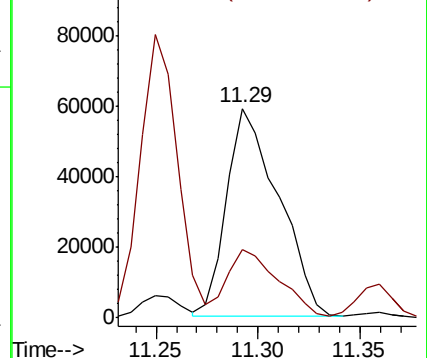
75 100

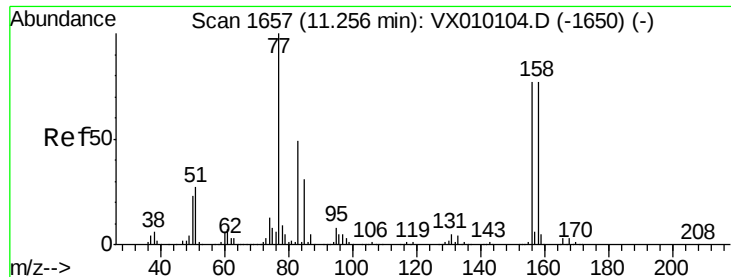
77 32.7 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.132 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampled :

VX0614WBS01

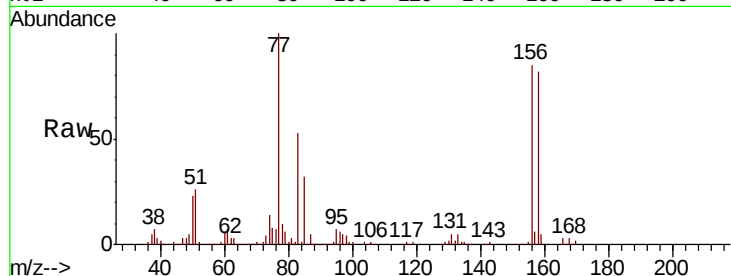
Tot Ion:156 Resp: 77616

Ion Ratio Lower Upper

156 100

77 131.5 86.8 260.3

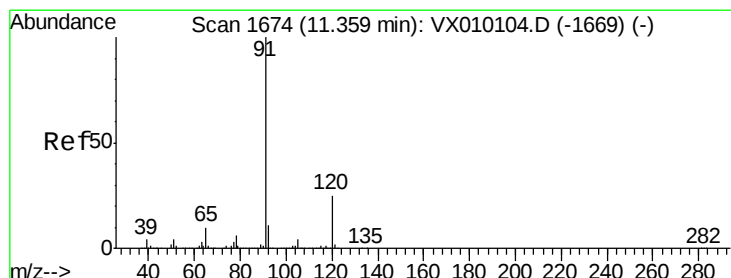
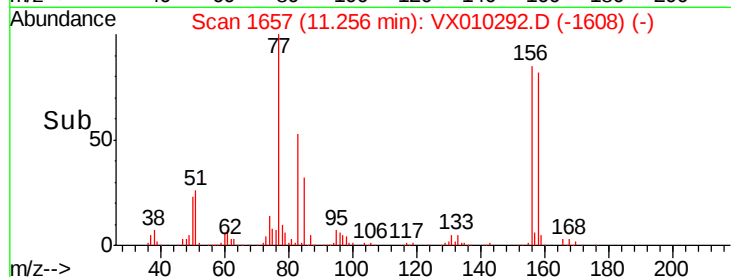
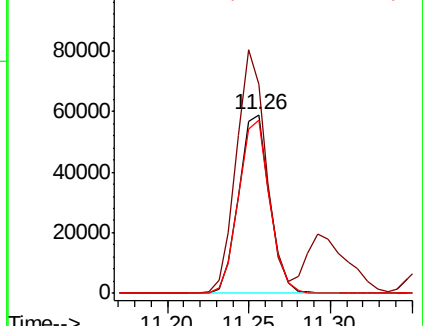
158 97.9 49.6 148.8



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: 19.114 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010292.D

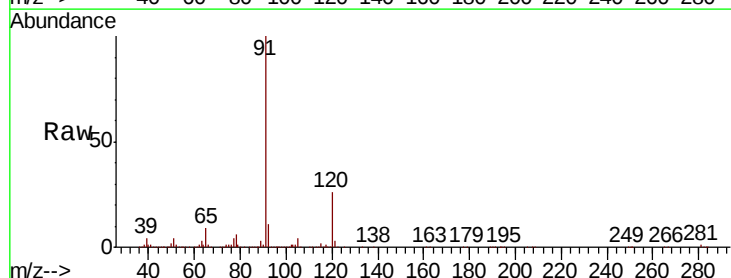
Acq: 14 Jun 2019 11:59

Tgt Ion: 91 Resp: 313927

Ion Ratio Lower Upper

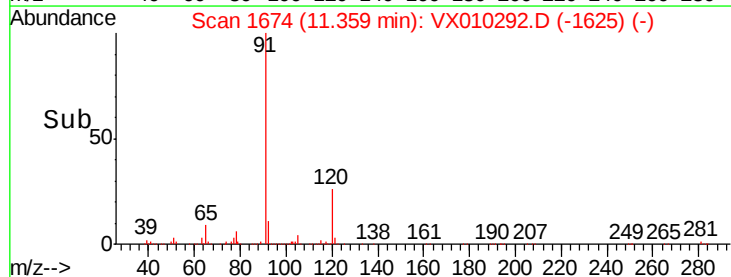
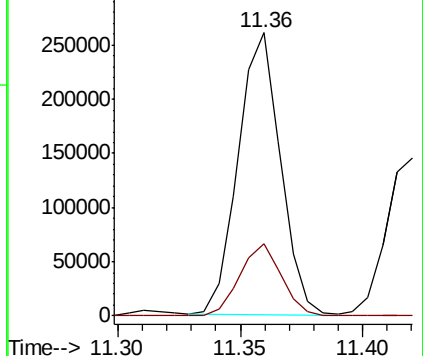
91 100

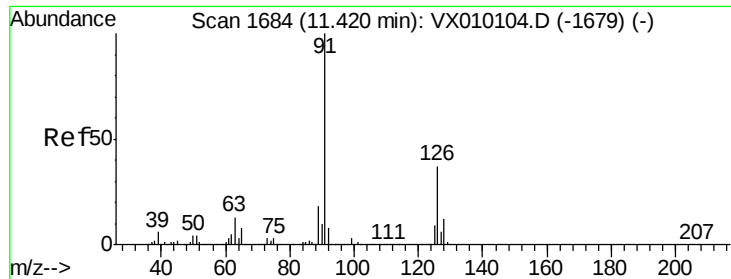
120 25.4 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.656 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampled :

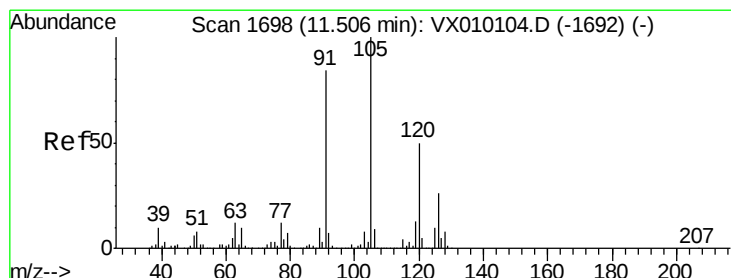
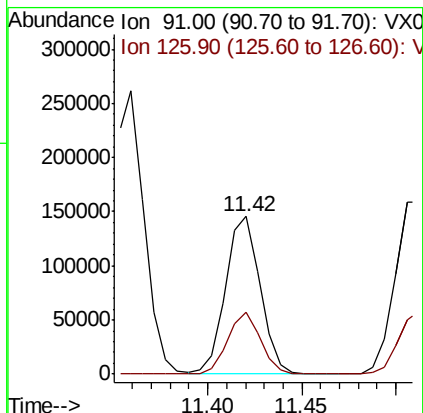
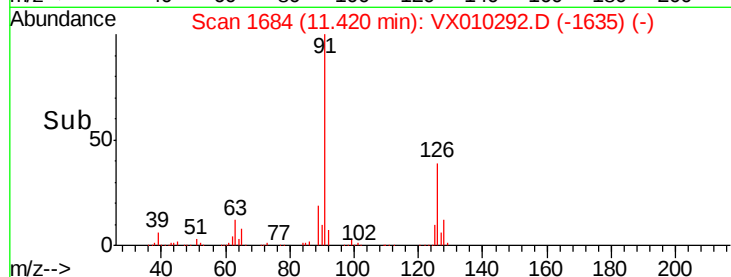
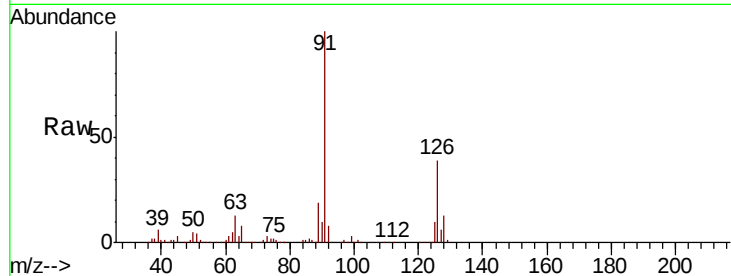
VX0614WBS01

Tot Ion: 91 Resp: 184025

Ion Ratio Lower Upper

91 100

126 38.1 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 19.067 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010292.D

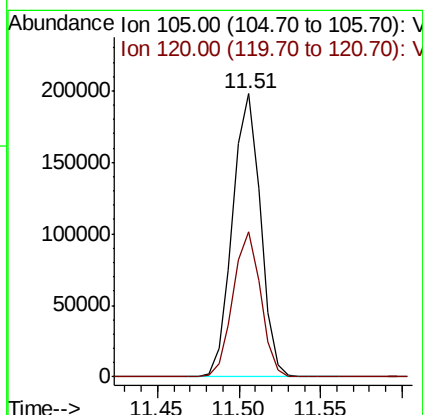
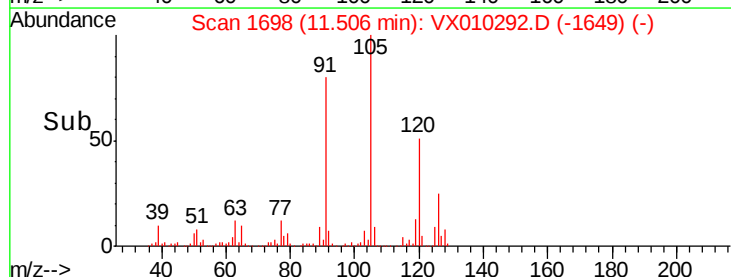
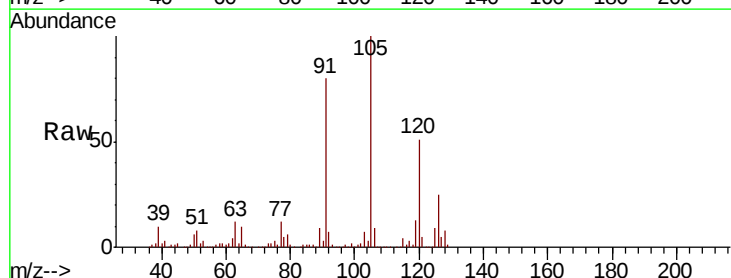
Acq: 14 Jun 2019 11:59

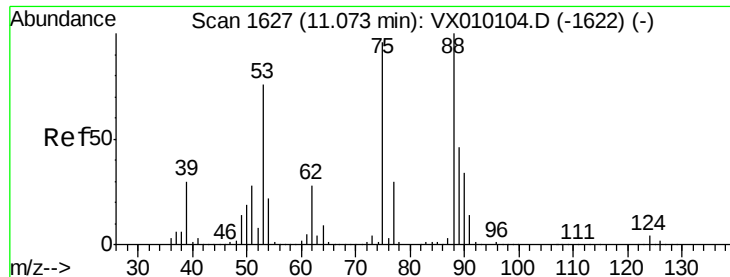
Tgt Ion: 105 Resp: 236925

Ion Ratio Lower Upper

105 100

120 50.6 24.1 72.3

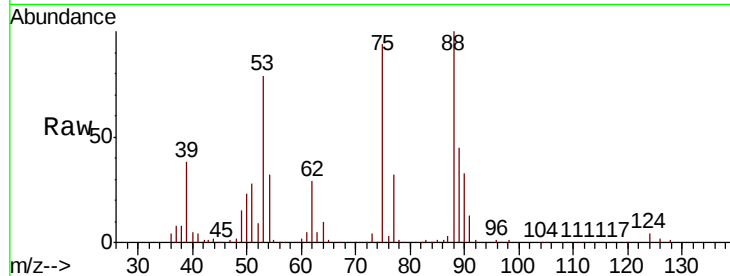




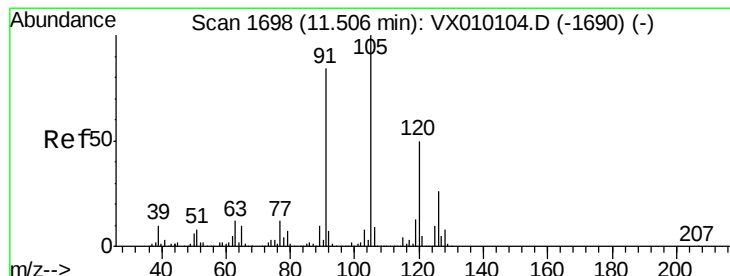
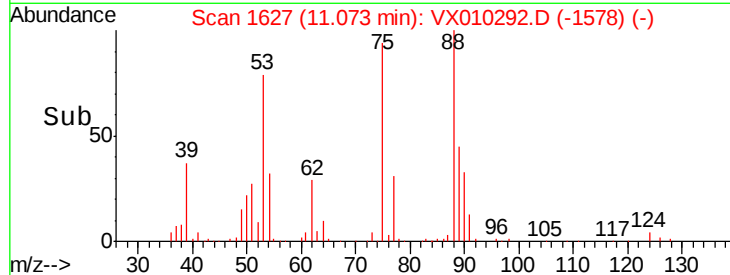
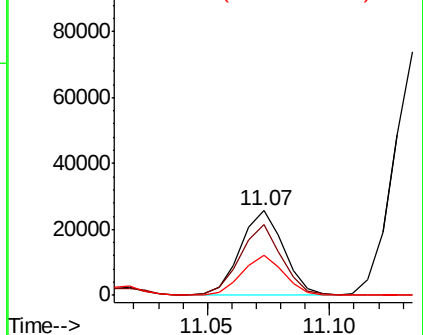
#81
trans-1,4-Dichloro-2-butene
Concen: 16.407 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Instrument :
MSVOA_X
ClientSampled :
VX0614WBS01

Tot Ion: 75 Resp: 31390
Ion Ratio Lower Upper
75 100
53 81.7 79.8 119.6
89 46.5 34.2 51.4

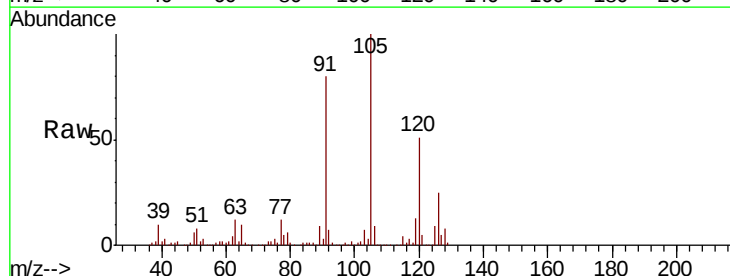


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

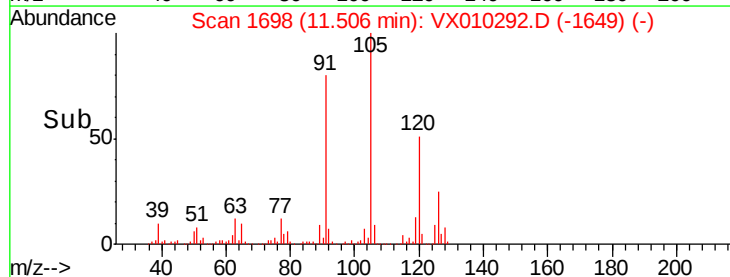
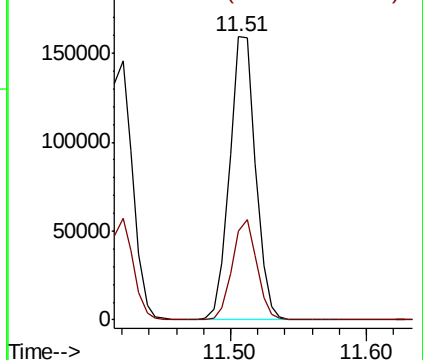


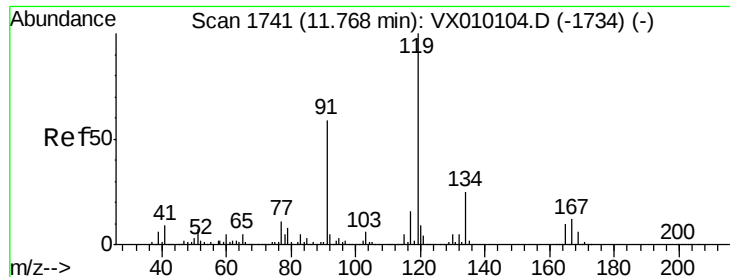
#82
4-Chlorotoluene
Concen: 18.845 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion: 91 Resp: 211169
Ion Ratio Lower Upper
91 100
126 33.8 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

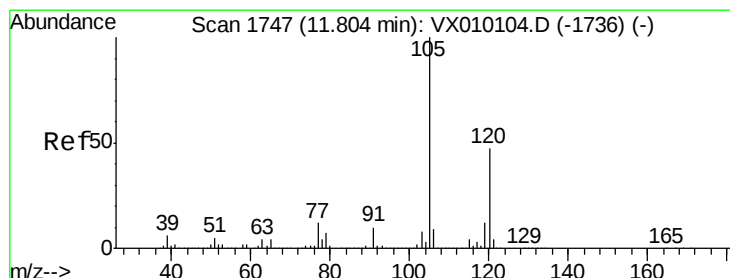
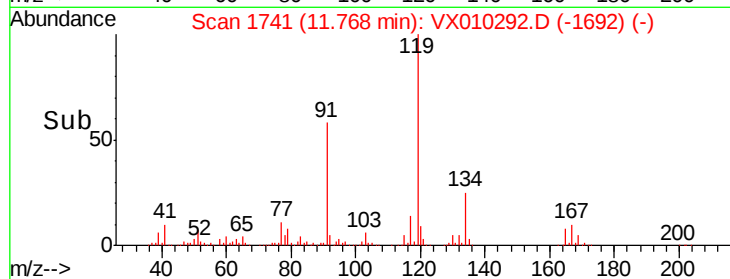
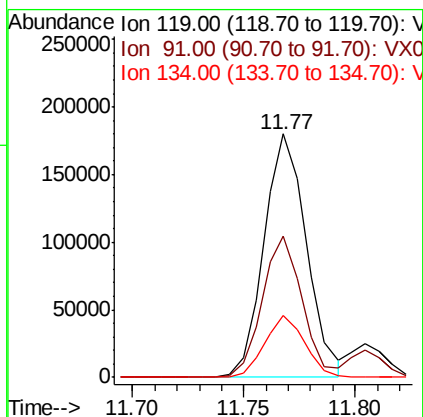
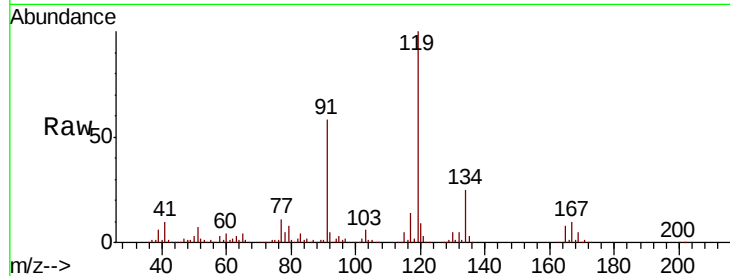




#83
tert-Butylbenzene
Concen: 18.905 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

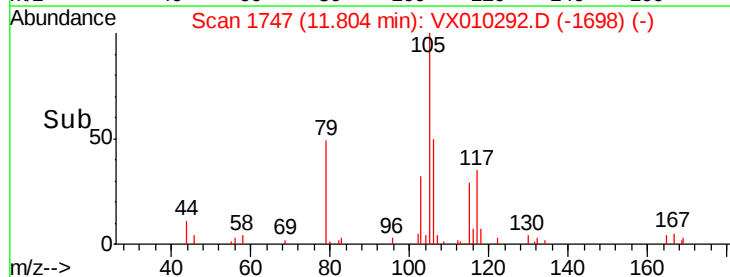
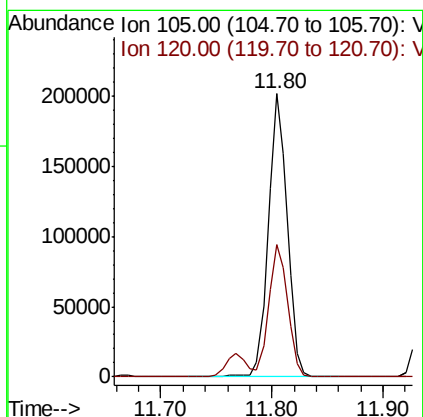
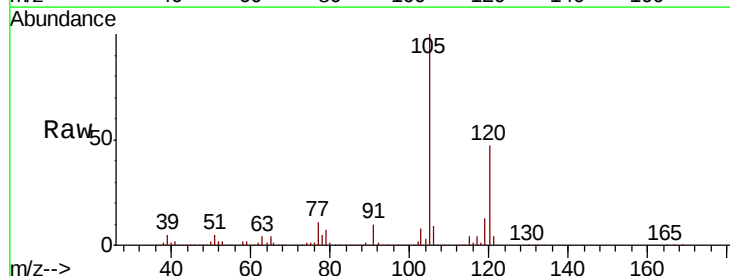
Instrument :
MSVOA_X
ClientSampled :
VX0614WBS01

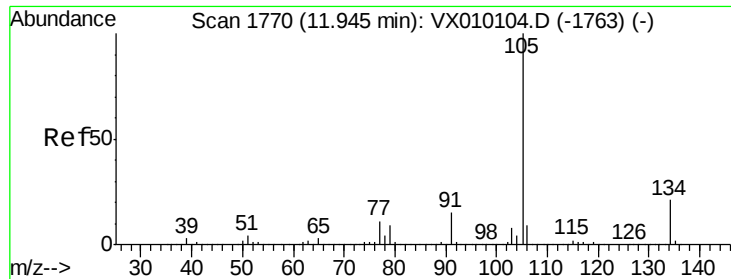
Tot Ion:119 Resp: 237760
Ion Ratio Lower Upper
119 100
91 55.0 30.0 90.0
134 24.0 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 19.086 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion:105 Resp: 239552
Ion Ratio Lower Upper
105 100
120 46.5 22.1 66.1





#85

sec-Butylbenzene

Concen: 19.285 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampled :

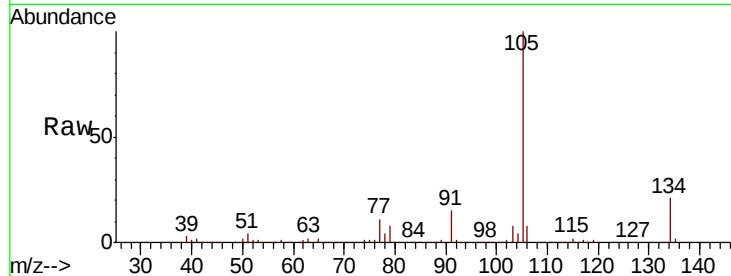
VX0614WBS01

Tot Ion:105 Resp: 282570

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

250000

200000

150000

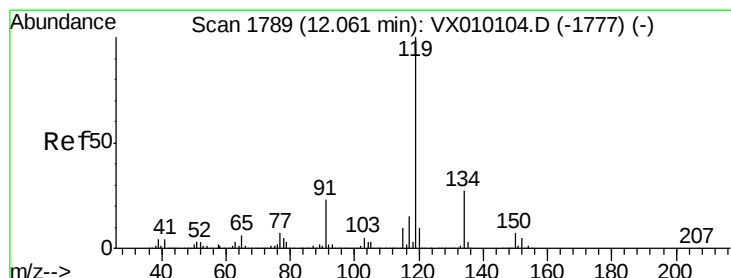
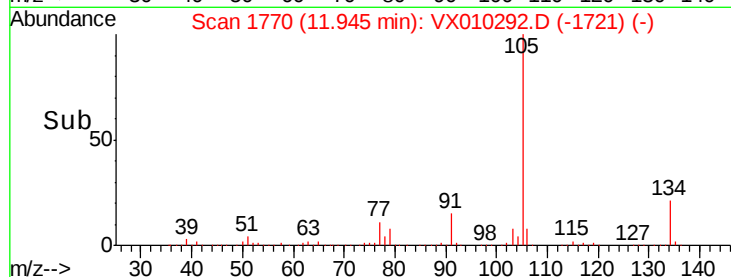
100000

50000

0

11.85 11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 19.476 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

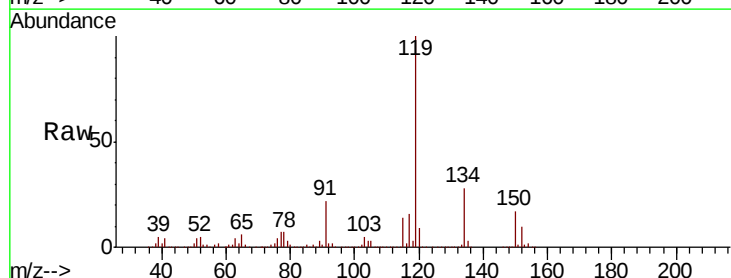
Tgt Ion:119 Resp: 260875

Ion Ratio Lower Upper

119 100

134 27.6 12.9 38.6

91 22.0 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

300000

250000

200000

150000

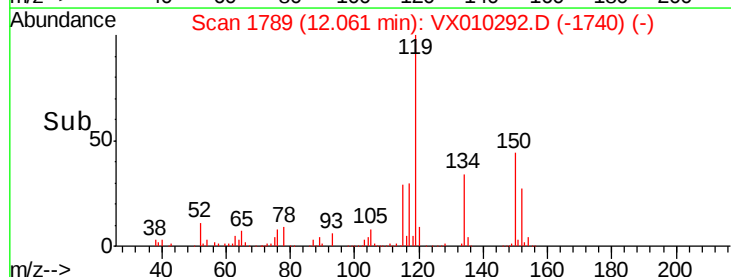
100000

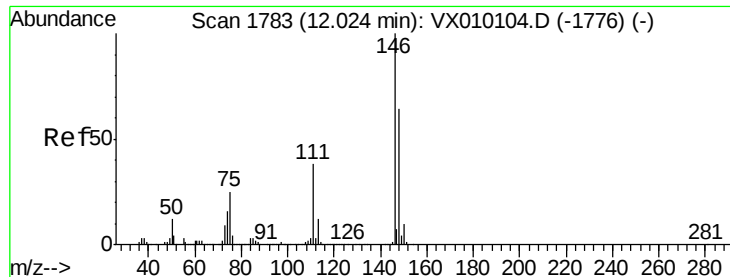
50000

0

12.00 12.05 12.10 12.15

Time-->

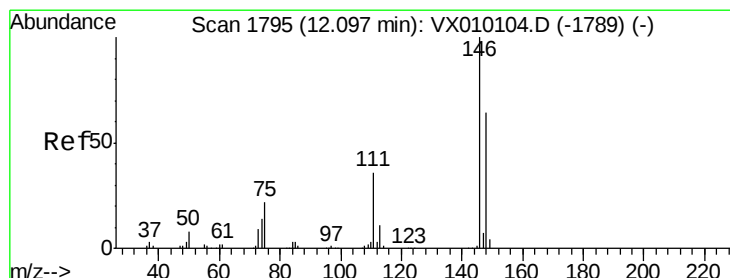
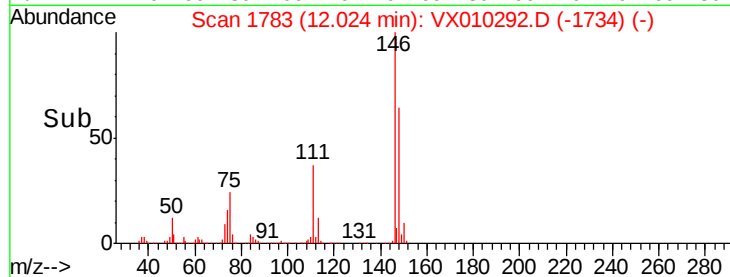
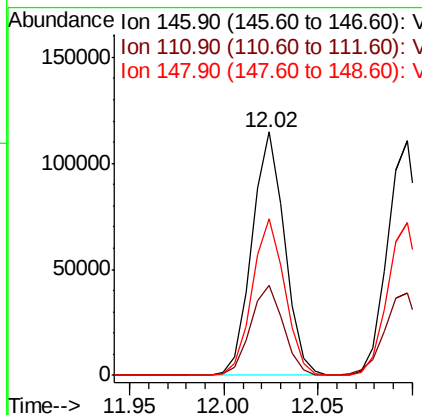
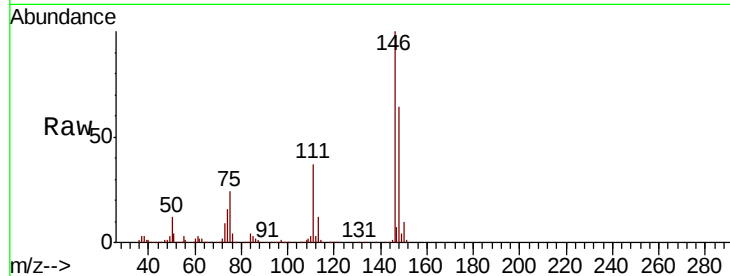




#87
 1,3-Dichlorobenzene
 Concen: 19.271 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

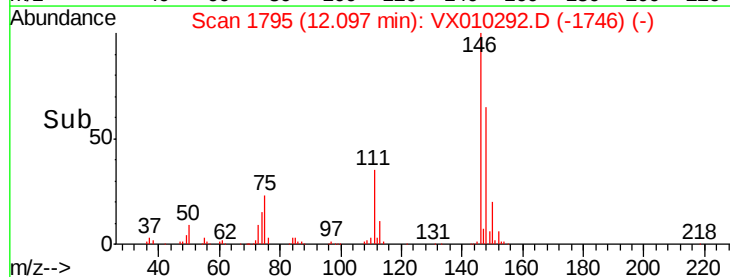
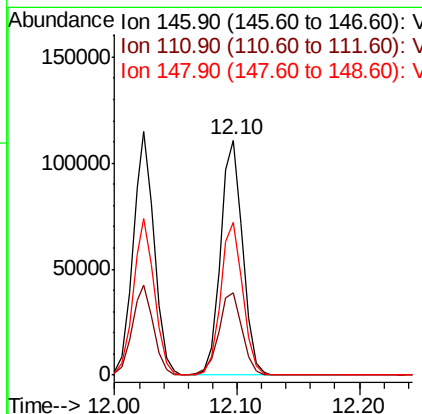
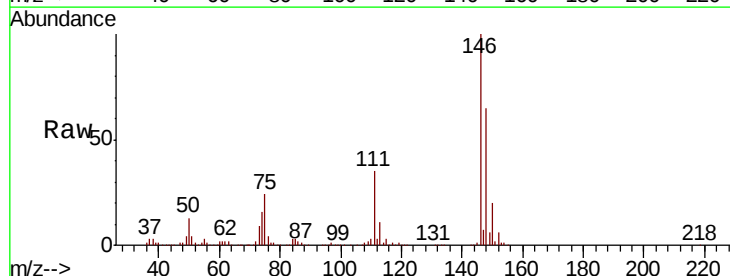
Instrument :
 MSVOA_X
 ClientSampled :
 VX0614WBS01

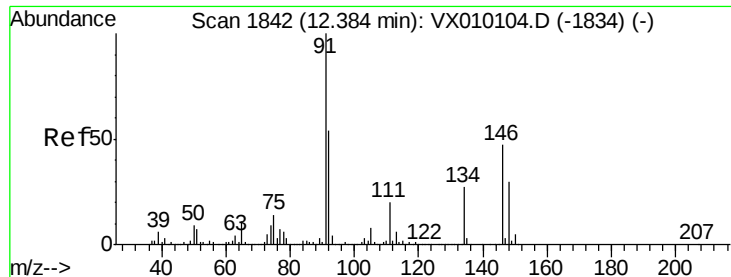
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	20.1	60.2
148	64.4	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.199 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	20.0	59.9
148	65.3	32.3	96.9

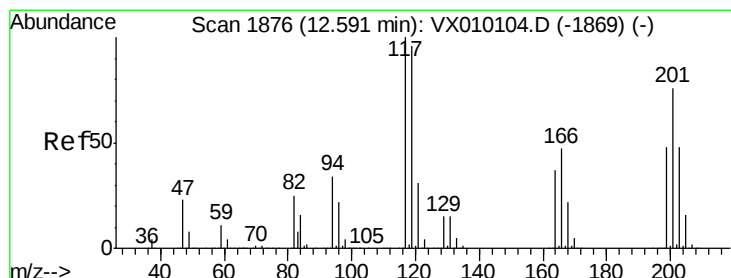
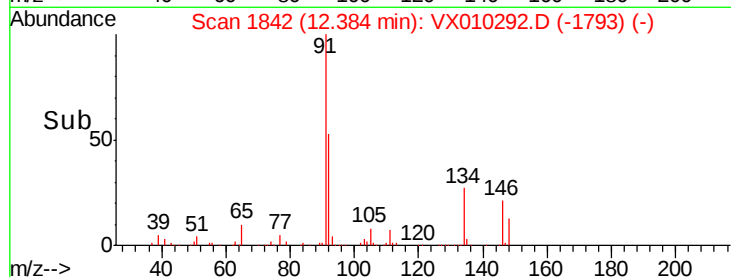
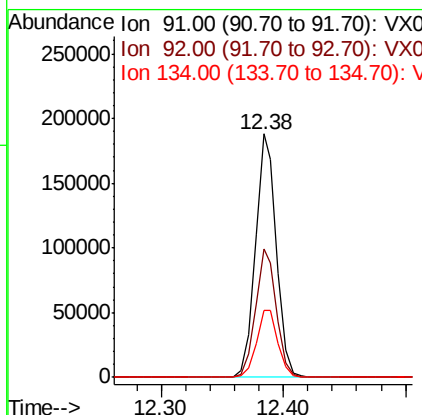
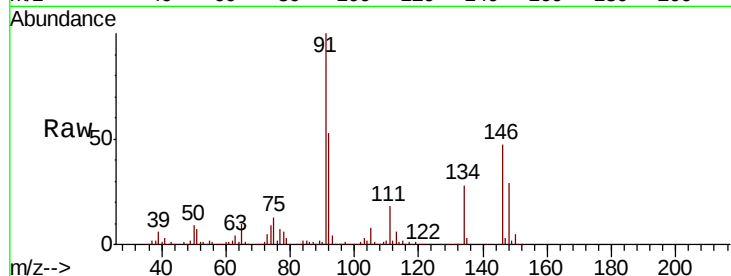




#89
n-Butylbenzene
Concen: 19.473 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

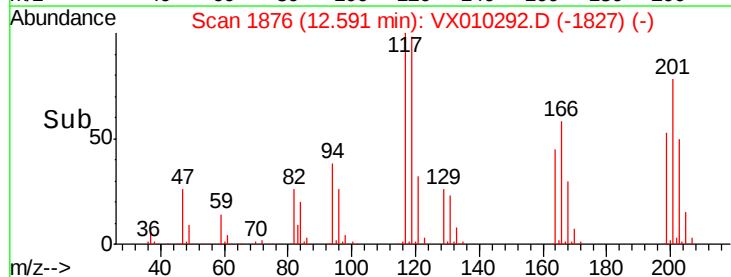
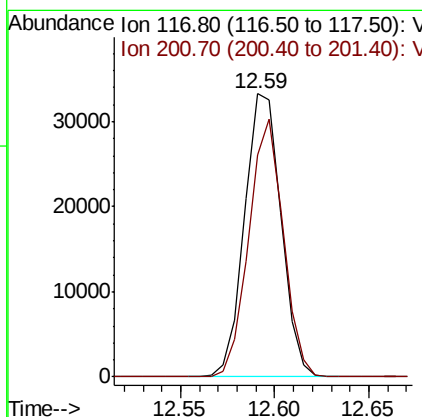
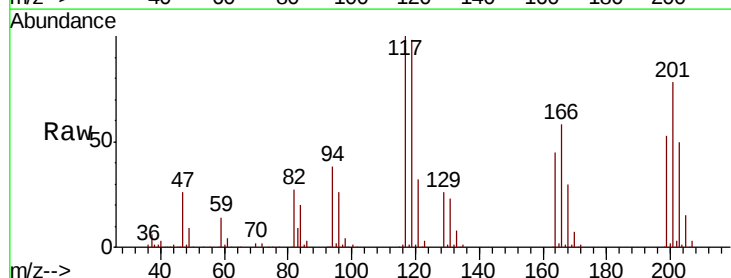
Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

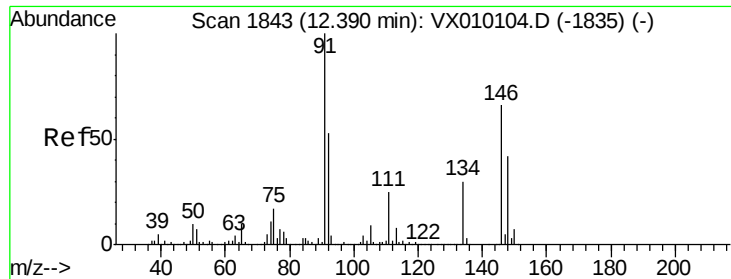
Tot Ion: 91 Resp: 224523
Ion Ratio Lower Upper
91 100
92 52.3 26.3 78.8
134 28.4 12.3 36.8



#90
Hexachloroethane
Concen: 16.810 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion: 117 Resp: 44854
Ion Ratio Lower Upper
117 100
201 85.6 43.6 130.9

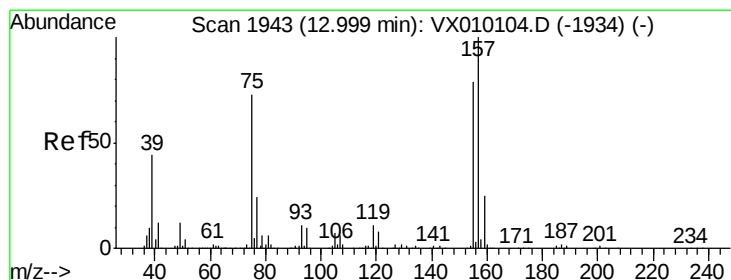
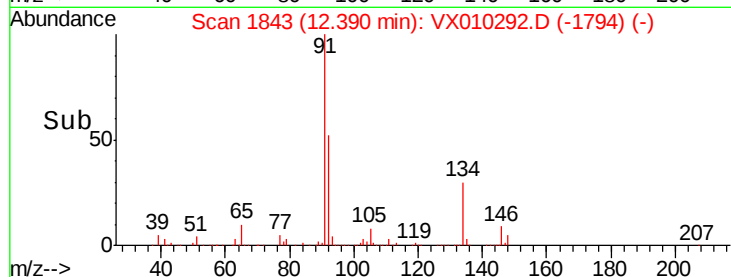
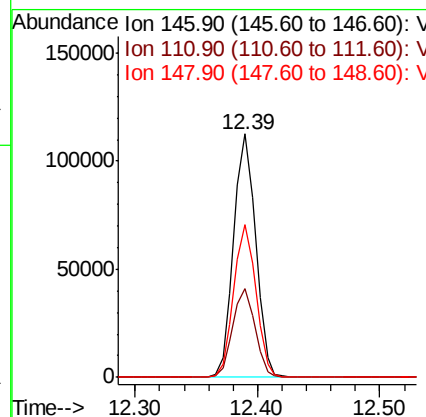
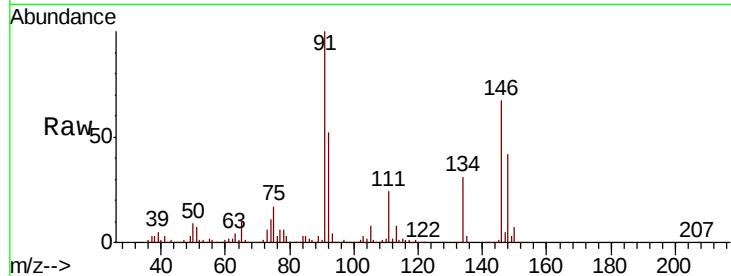




#91
 1,2-Dichlorobenzene
 Concen: 20.174 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

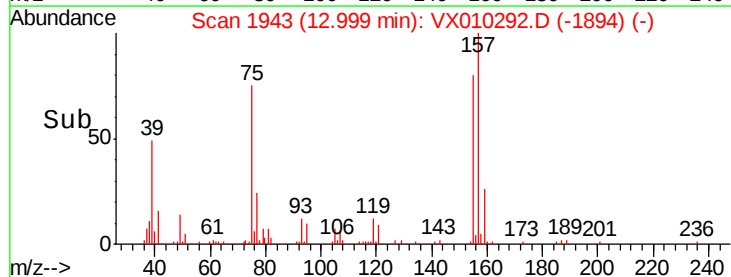
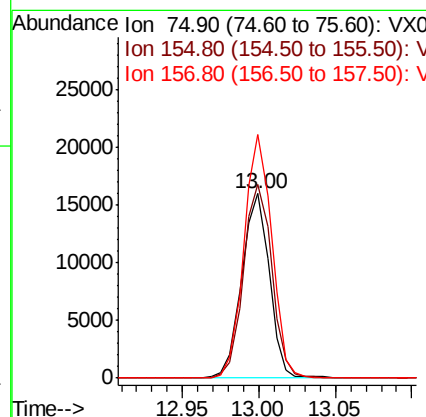
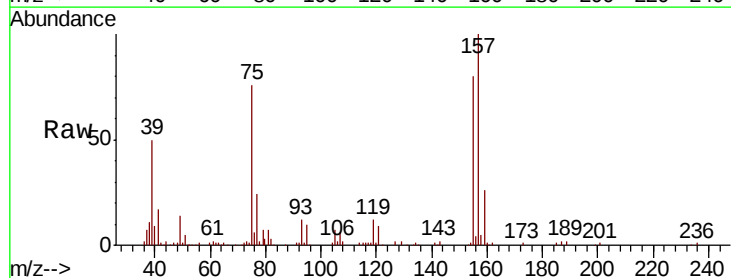
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBS01

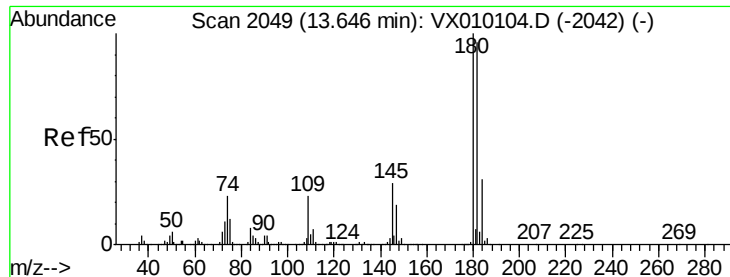
Tot Ion:146 Resp: 140148
 Ion Ratio Lower Upper
 146 100
 111 37.0 21.1 63.1
 148 62.8 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.791 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

Tgt Ion: 75 Resp: 19953
 Ion Ratio Lower Upper
 75 100
 155 108.1 39.3 117.8
 157 133.2 50.6 151.8

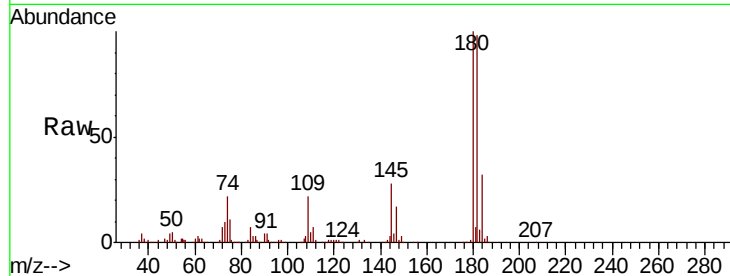




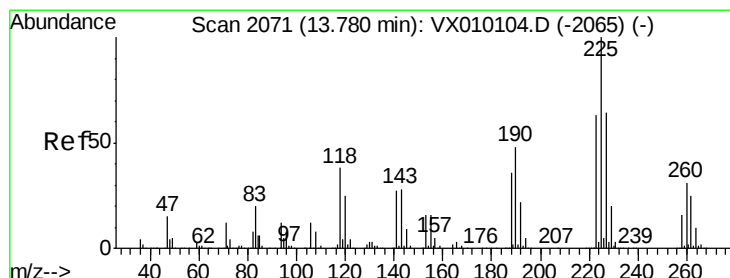
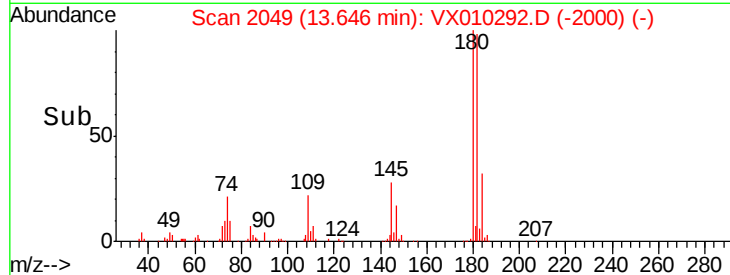
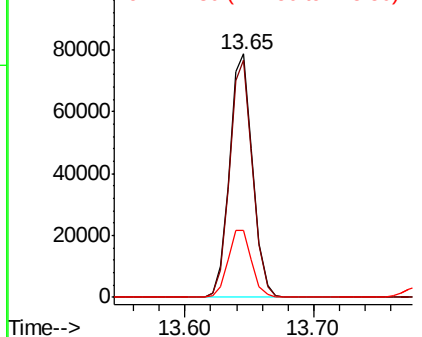
#93
 1,2,4-Trichlorobenzene
 Concen: 19.418 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBS01

Tot Ion:180 Resp: 98744
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.4 142.2
 145 28.4 14.5 43.5

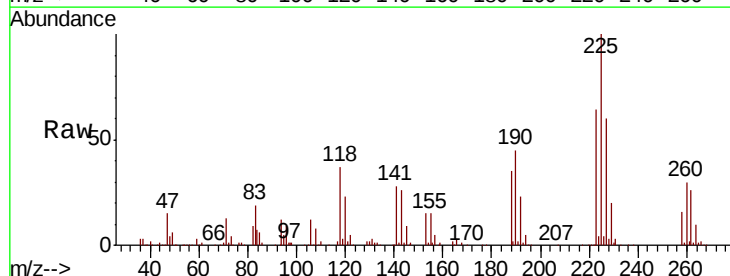


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

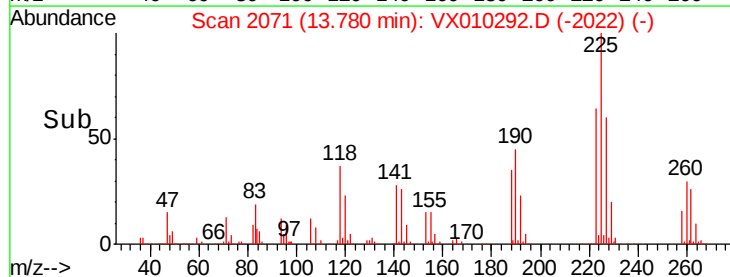
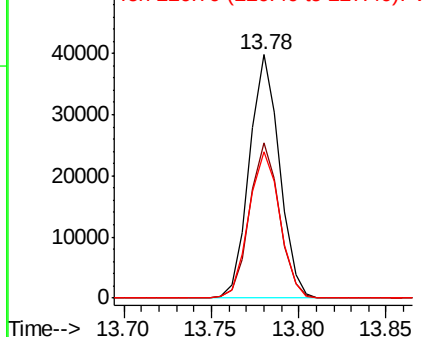


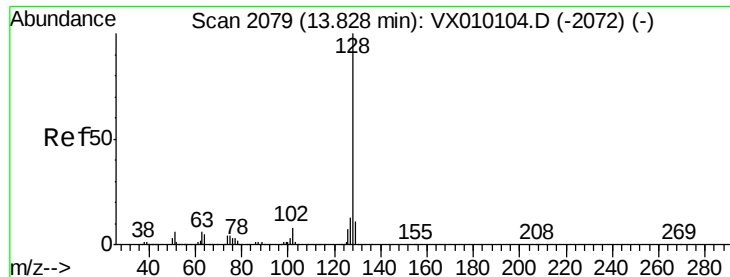
#94
 Hexachlorobutadiene
 Concen: 21.025 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

Tgt Ion:225 Resp: 47550
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.3 93.8
 227 61.9 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.971 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS01

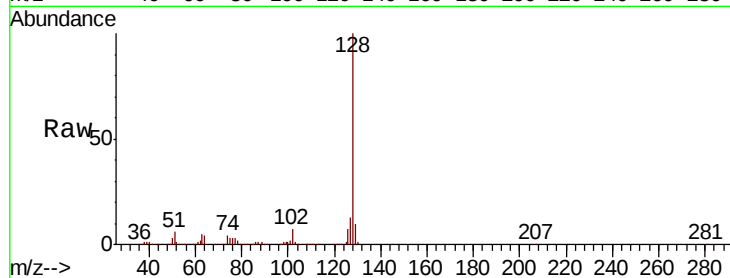
Tot Ion:128 Resp: 303689

Ion Ratio Lower Upper

128 100

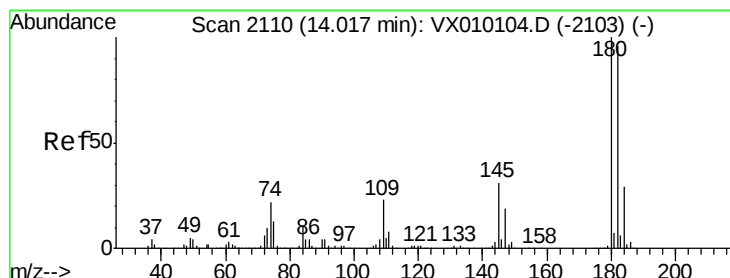
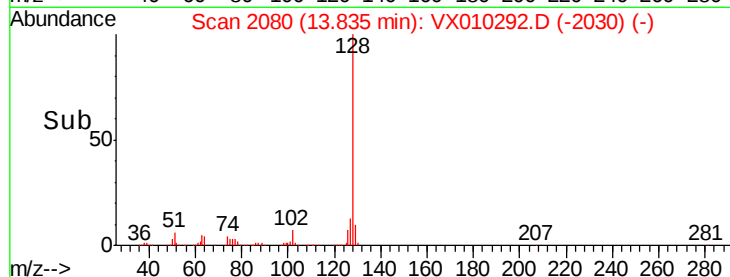
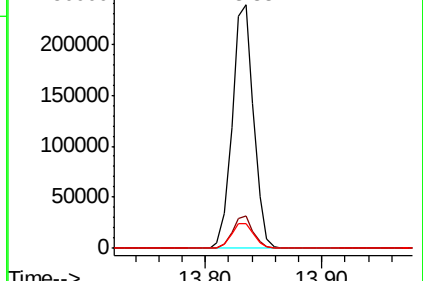
127 12.8 10.6 16.0

129 10.9 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

13.83



#96

1,2,3-Trichlorobenzene

Concen: 19.893 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

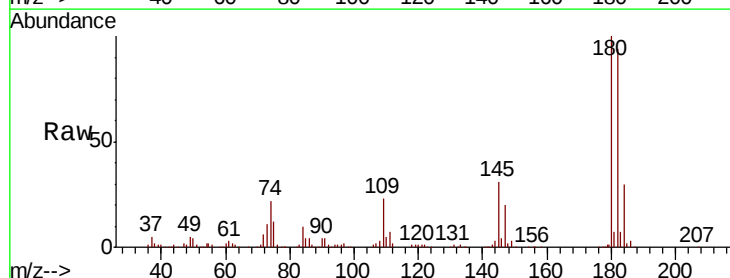
Tgt Ion:180 Resp: 100023

Ion Ratio Lower Upper

180 100

182 94.1 47.3 142.0

145 30.3 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

14.02

