

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031519\
 Data File : VX008106.D
 Acq On : 15 Mar 2019 14:30
 Operator : JC/SP
 Sample : VX0315WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

Quant Time: Mar 16 00:56:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	42531	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	224554	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	196441	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	78638	28.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.77%
60) 4-Bromofluorobenzene	11.13	95	91919	29.32	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.73%
63) Toluene-d8	8.71	98	268025	29.81	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	45484	18.014	ug/l 94
3) Chloromethane	1.33	50	40900	14.567	ug/l 99
4) Vinyl Chloride	1.41	62	43017	15.467	ug/l 100
5) Bromomethane	1.64	94	27116	19.557	ug/l 99
6) Chloroethane	1.73	64	26776	16.485	ug/l 94
7) Trichlorofluoromethane	1.93	101	60395	17.439	ug/l 99
8) Diethyl Ether	2.19	74	31233	17.512	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48480	18.619	ug/l 93
10) 1,1-Dichloroethene	2.38	96	46539	18.857	ug/l 95
11) Methyl Iodide	2.51	142	74683	19.331	ug/l 93
12) Methyl Acetate	2.78	43	62699	16.064	ug/l 95
13) Acrolein	2.30	56	34195	74.676	ug/l 99
14) Acrylonitrile	3.15	53	140812	84.986	ug/l 99
15) Acetone	2.45	58	41106	68.717	ug/l 94
16) Carbon Disulfide	2.57	76	128808	16.635	ug/l 100
17) Allyl chloride	2.73	41	76996	15.217	ug/l 93
18) Methylene Chloride	2.86	84	49786	17.708	ug/l 90
19) trans-1,2-Dichloroethene	3.17	96	48956	18.748	ug/l 97
20) Diisopropyl ether	3.87	45	158991	17.176	ug/l 95
21) 1,1-Dichloroethane	3.70	63	90847	18.046	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	56916	18.895	ug/l 95
23) tert-Butyl Alcohol	3.07	59	60208	90.073	ug/l # 100
24) Methyl tert-Butyl Ether	3.21	73	151914	17.903	ug/l 94
25) Chloroform	5.21	83	92062	19.375	ug/l 95
26) Cyclohexane	5.58	56	80095	17.218	ug/l # 96
29) 1,1-Dichloropropene	5.80	75	67117	18.851	ug/l 99
30) 2-Butanone	4.70	43	203645	84.802	ug/l 99
31) 2,2-Dichloropropane	4.59	77	64010	19.464	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	76996	19.998	ug/l 100
33) Carbon Tetrachloride	5.78	117	67190	19.675	ug/l 97
34) Benzene	6.15	78	210606	19.302	ug/l 98
35) Methacrylonitrile	5.06	41	41041	17.538	ug/l 98
36) 1,2-Dichloroethane	6.20	62	68235	19.222	ug/l 98
37) Trichloroethene	7.21	130	60111	20.333	ug/l 98
38) Methylcyclohexane	7.46	83	83283	18.398	ug/l 98
39) 1,2-Dichloropropane	7.51	63	52537	18.463	ug/l 98
40) Dibromomethane	7.66	93	35382	19.602	ug/l 87

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 ClientSampleId :
 VX0315WBS01

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	65249	19.125	ug/l	98
42) Vinyl Acetate	3.82	43	686052	88.256	ug/l	99
43) Ethyl Acetate	4.85	43	74197	17.738	ug/l #	81
44) Isopropyl Acetate	6.46	43	112086	17.562	ug/l	96
45) 1,4-Dioxane	7.75	88	27450	411.089	ug/l	94
46) Methyl methacrylate	7.77	41	58927	17.555	ug/l	94
47) n-amyl Acetate	10.90	43	93979	17.090	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	68365	18.502	ug/l	96
49) cis-1,3-Dichloropropene	8.44	75	78695	18.808	ug/l	93
50) 1,1,2-Trichloroethane	9.21	97	55455	20.156	ug/l	96
51) Ethyl methacrylate	9.18	69	78492	18.812	ug/l	92
52) 1,3-Dichloropropane	9.37	76	87738	19.300	ug/l	99
53) Dibromochloromethane	9.58	129	55373	19.566	ug/l	98
54) 1,2-Dibromoethane	9.67	107	58464	20.326	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	180772	93.151	ug/l	99
56) Bromoform	10.86	173	45383	20.104	ug/l #	98
58) 4-Methyl-2-Pentanone	8.65	43	377773	93.406	ug/l	96
59) 2-Hexanone	9.49	43	290229	90.908	ug/l	96
61) Tetrachloroethene	9.34	164	62679	21.873	ug/l	96
62) Toluene	8.79	91	225302	19.642	ug/l	99
64) Chlorobenzene	10.14	112	148203	20.272	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	54539	20.836	ug/l	98
66) Ethyl Benzene	10.25	91	240028	19.482	ug/l	100
67) m/p-Xylenes	10.36	106	189679	40.149	ug/l	100
68) o-Xylene	10.70	106	90743	19.780	ug/l	99
69) Styrene	10.71	104	151612	20.058	ug/l	99
70) Isopropylbenzene	11.02	105	244636	19.957	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.27	83	81634	20.164	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	92141	24.145	ug/l	91
73) Bromobenzene	11.26	156	67783	20.799	ug/l	99
74) n-propylbenzene	11.36	91	267670	19.358	ug/l	100
75) 2-Chlorotoluene	11.42	91	162312	19.584	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	204377	20.117	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	22278	18.894	ug/l	91
78) 4-Chlorotoluene	11.51	91	183744	19.609	ug/l	98
79) tert-butylbenzene	12.06	119	218174	20.012	ug/l	97
80) 1,2,4-Trimethylbenzene	11.80	105	208216	20.194	ug/l	98
81) sec-Butylbenzene	11.94	105	239878	19.644	ug/l	99
82) p-Isopropyltoluene	12.06	119	218174	20.012	ug/l	97
83) 1,3-Dichlorobenzene	12.02	146	117858	20.312	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	119442	20.575	ug/l	99
85) n-Butylbenzene	12.39	91	171000	18.340	ug/l	99
86) Hexachloroethane	12.60	117	33761	19.006	ug/l	74
87) 1,2-Dichlorobenzene	12.39	146	118637	20.689	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	16123	19.496	ug/l	90
89) 1,2,4-Trichlorobenzene	13.65	180	81210	19.706	ug/l	98
90) Hexachlorobutadiene	13.78	225	45803	20.152	ug/l	98
91) Naphthalene	13.83	128	242074	20.492	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	83898	20.482	ug/l	98

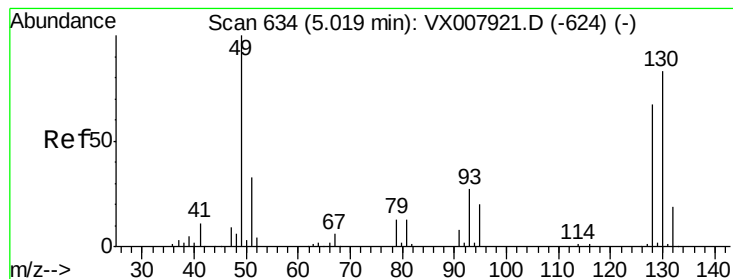
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampled :

VX0315WBS01

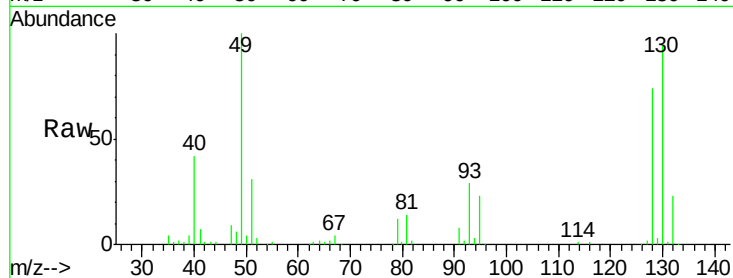
Tot Ion:128 Resp: 42531

Ion Ratio Lower Upper

128 100

49 135.0 0.0 350.8

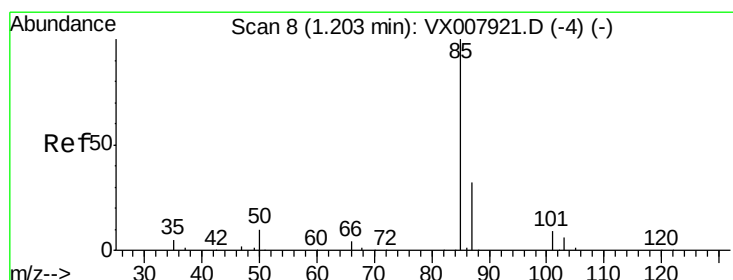
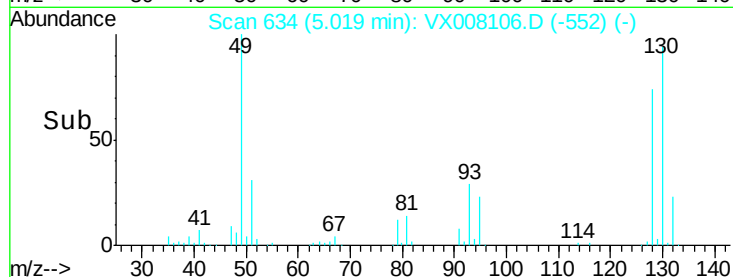
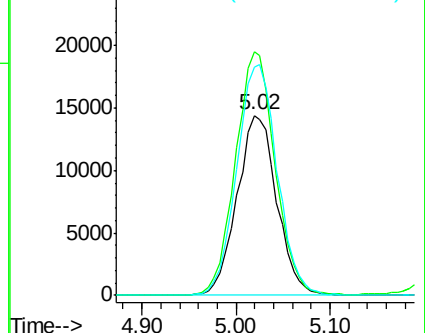
130 130.2 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.014 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX008106.D

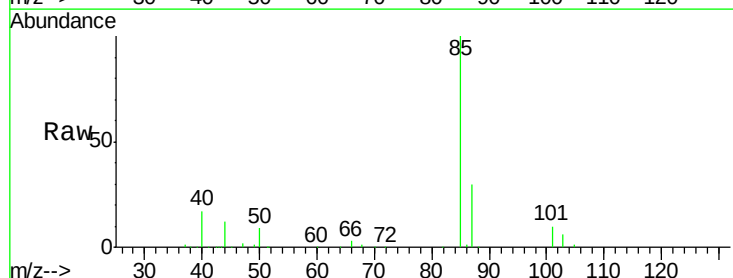
Acq: 15 Mar 2019 14:30

Tgt Ion: 85 Resp: 45484

Ion Ratio Lower Upper

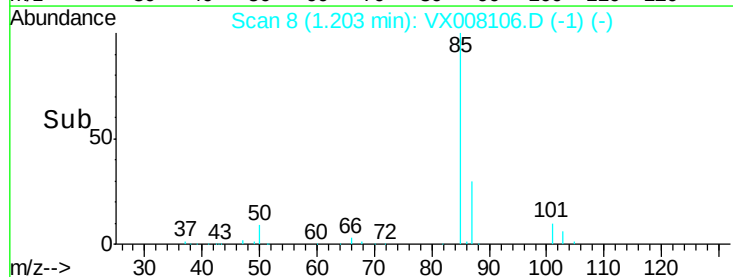
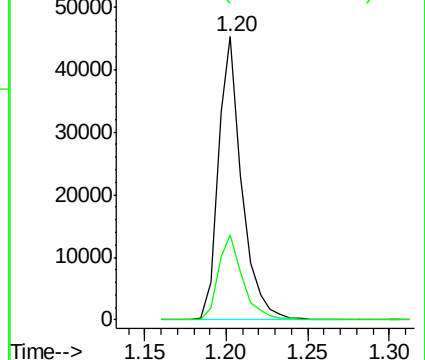
85 100

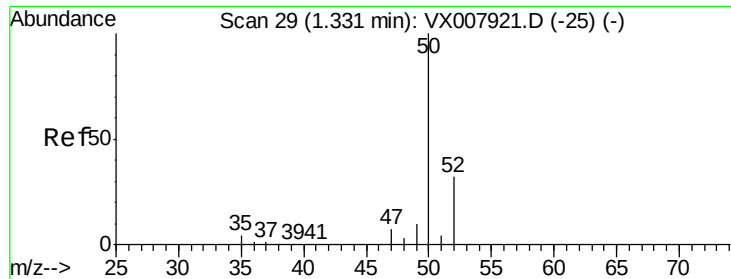
87 30.1 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 14.567 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

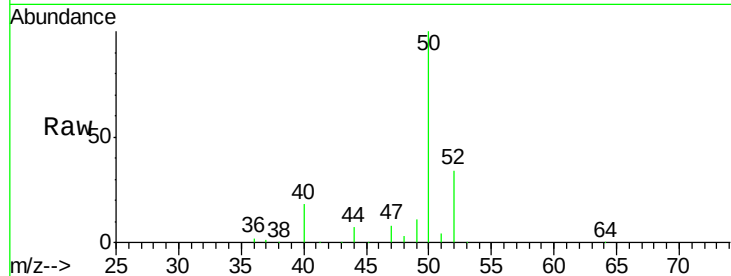
VX0315WBS01

Tot Ion: 50 Resp: 40900

Ion Ratio Lower Upper

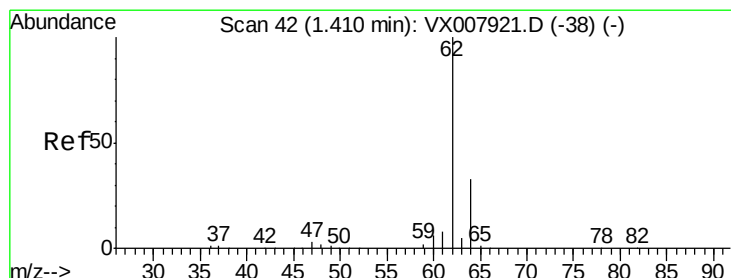
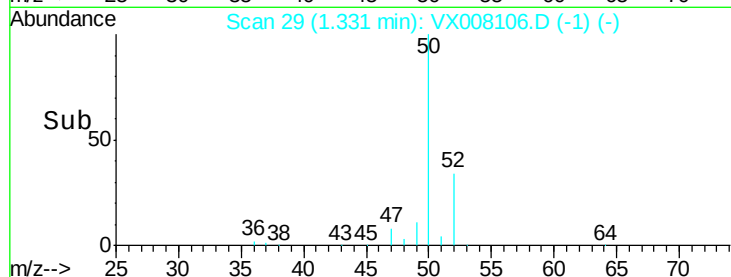
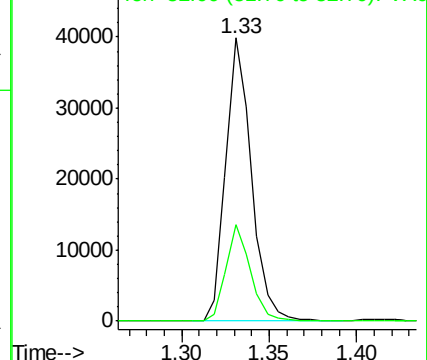
50 100

52 33.9 27.5 41.3



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 15.467 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008106.D

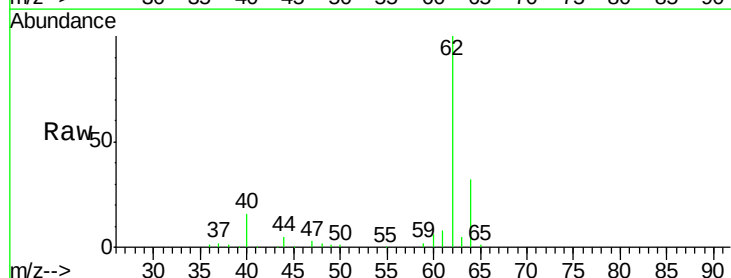
Acq: 15 Mar 2019 14:30

Tgt Ion: 62 Resp: 43017

Ion Ratio Lower Upper

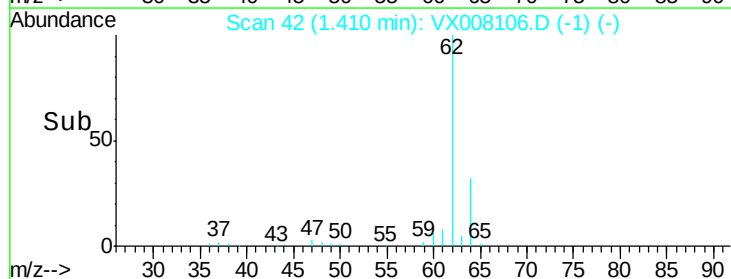
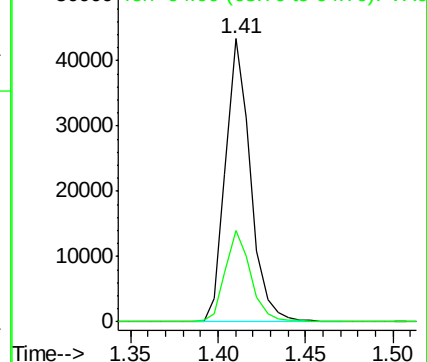
62 100

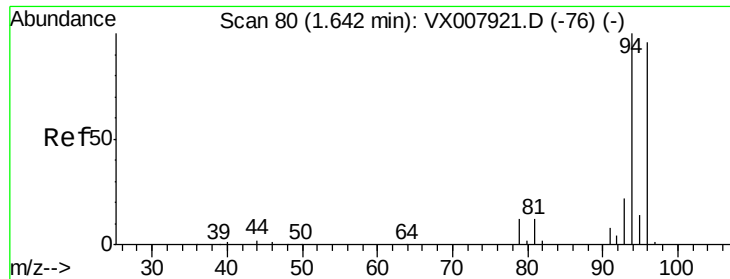
64 32.3 25.9 38.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 19.557 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

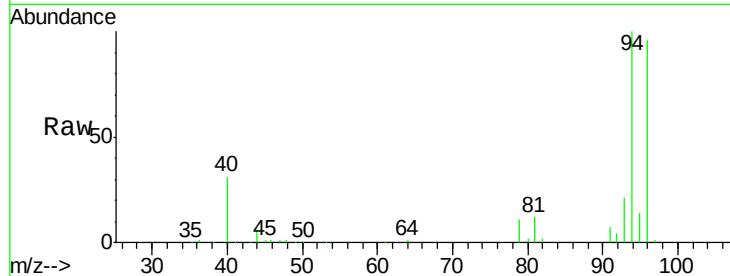
VX0315WBS01

Tot Ion: 94 Resp: 27116

Ion Ratio Lower Upper

94 100

96 95.9 75.6 113.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

25000

20000

15000

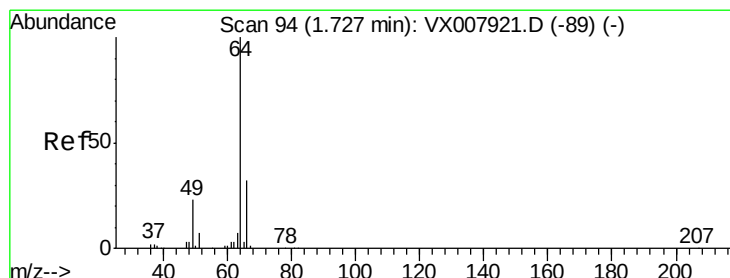
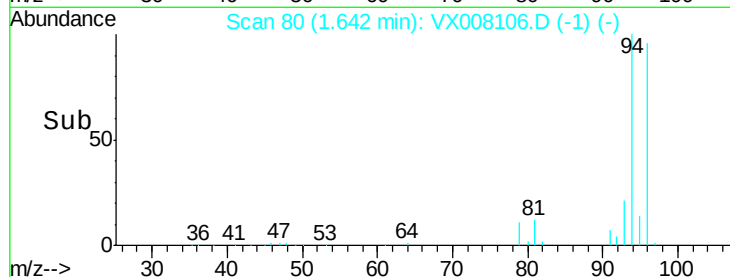
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 16.485 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.00 min

Lab File: VX008106.D

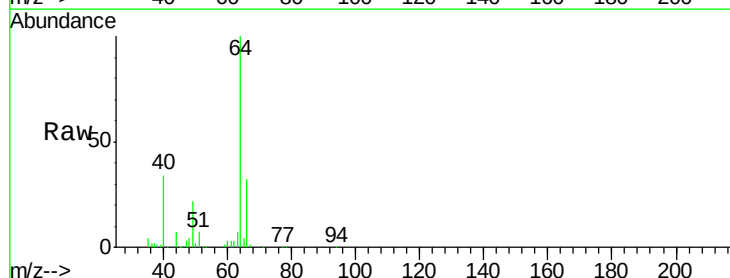
Acq: 15 Mar 2019 14:30

Tgt Ion: 64 Resp: 26776

Ion Ratio Lower Upper

64 100

66 33.0 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.73

20000

15000

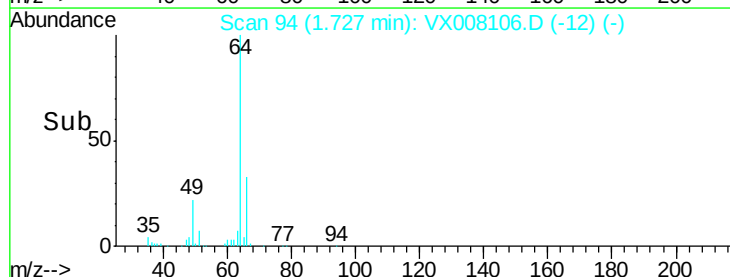
10000

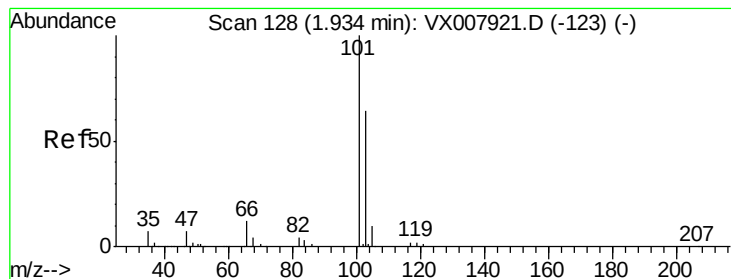
5000

0

Time-->

1.70 1.75 1.80



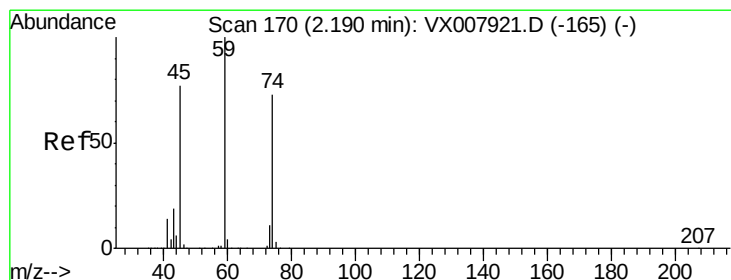
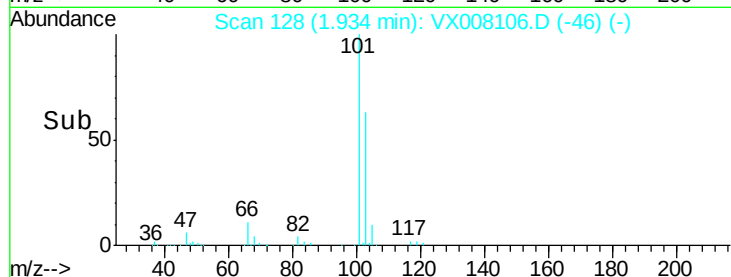
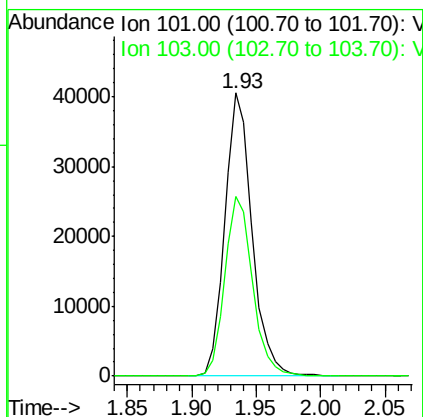
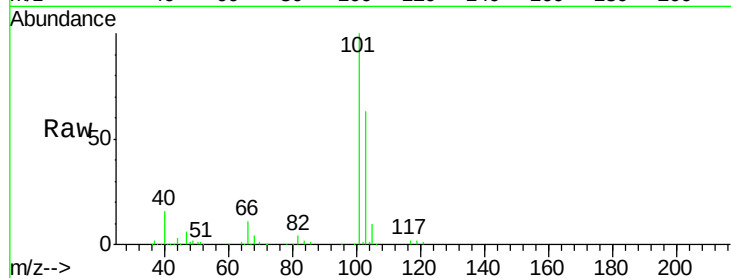


#7

Trichlorofluoromethane
Concen: 17.439 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

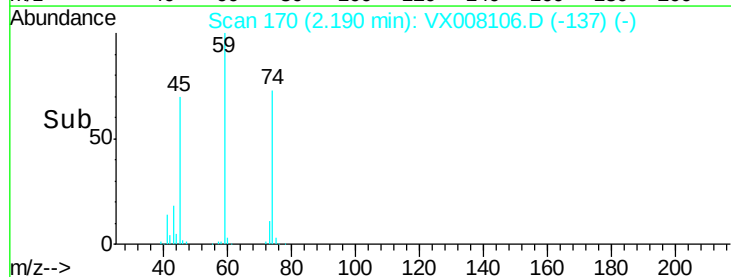
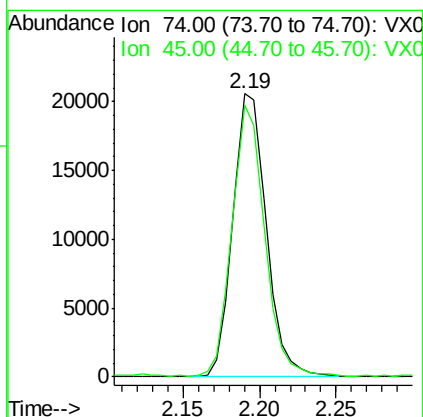
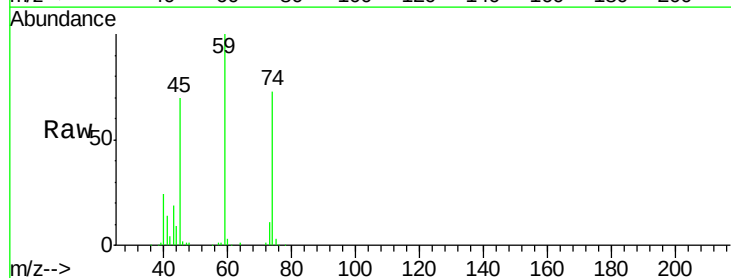
Tot Ion:101 Resp: 60395
Ion Ratio Lower Upper
101 100
103 63.4 50.4 75.6

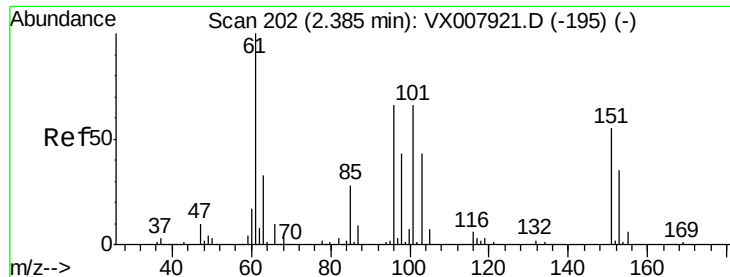


#8

Diethyl Ether
Concen: 17.512 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Tgt Ion: 74 Resp: 31233
Ion Ratio Lower Upper
74 100
45 94.6 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.619 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

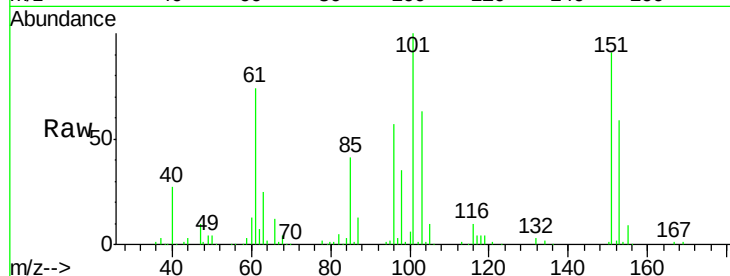
Tot Ion:101 Resp: 48480

Ion Ratio Lower Upper

101 100

85 40.7 0.0 86.8

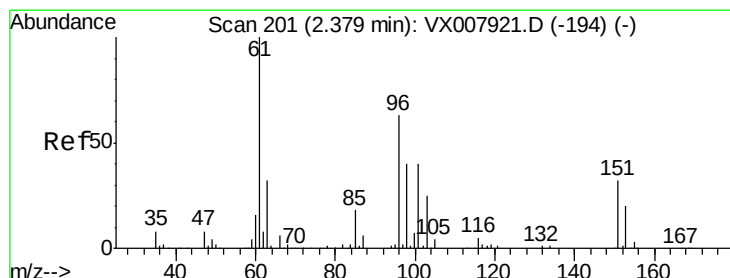
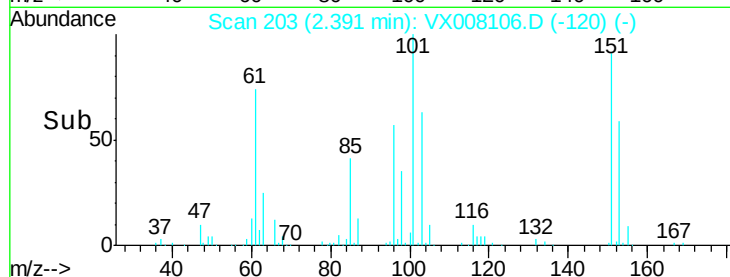
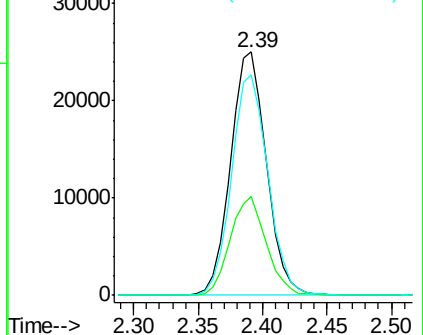
151 91.9 0.0 169.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.857 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

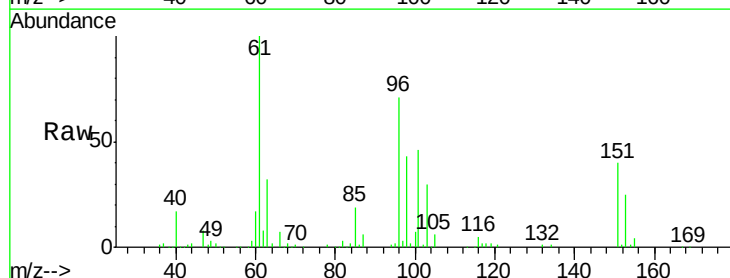
Tgt Ion: 96 Resp: 46539

Ion Ratio Lower Upper

96 100

61 141.4 120.2 180.2

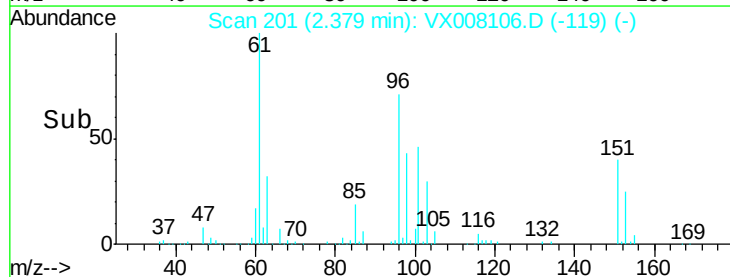
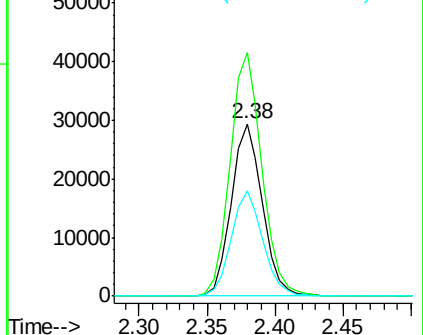
98 61.5 49.0 73.4

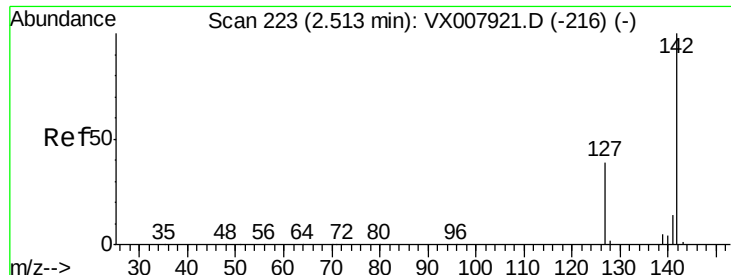


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

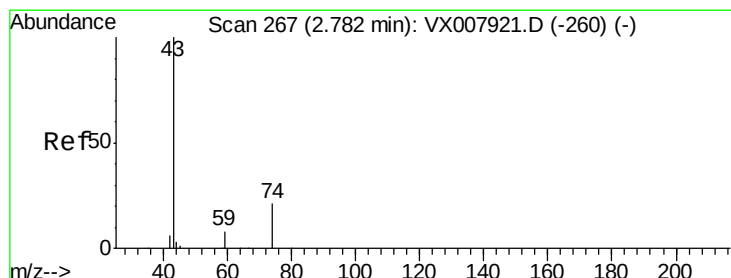
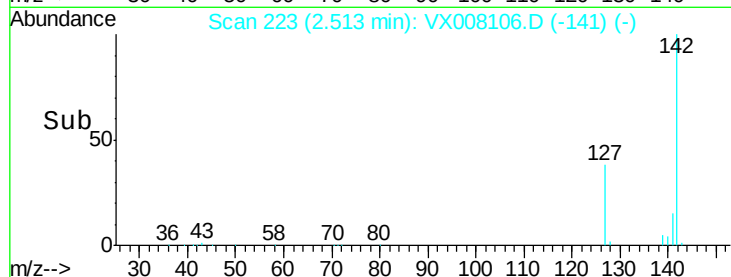
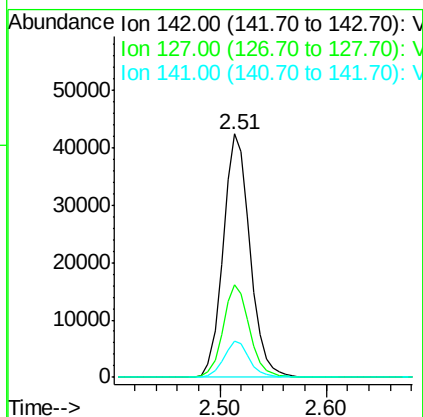
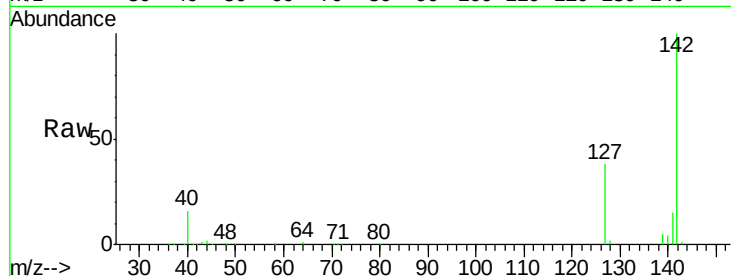




#11
Methvl Iodide
Concen: 19.331 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

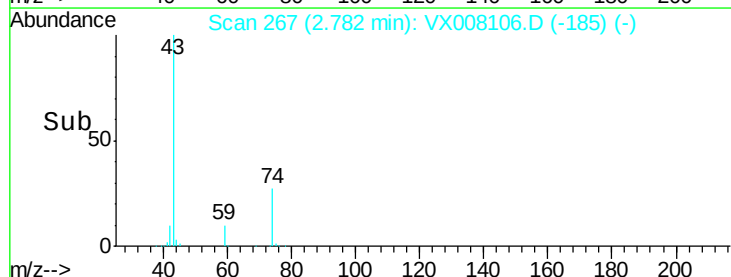
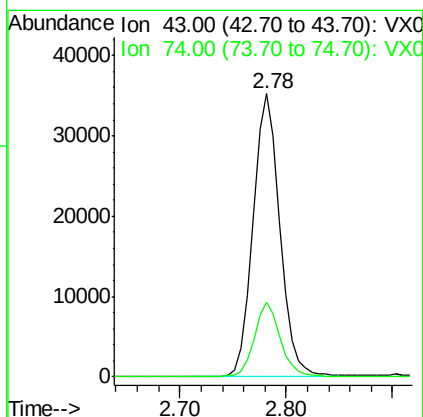
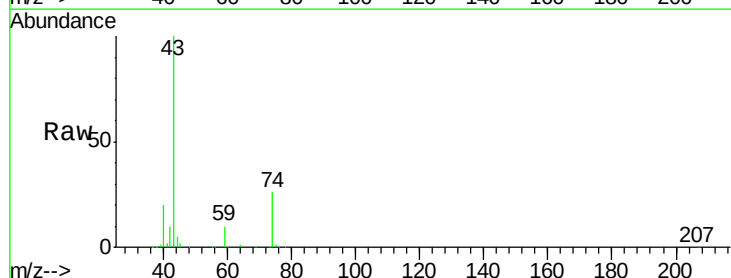
Instrument :
MSVOA_X
ClientSampled :
VX0315WBS01

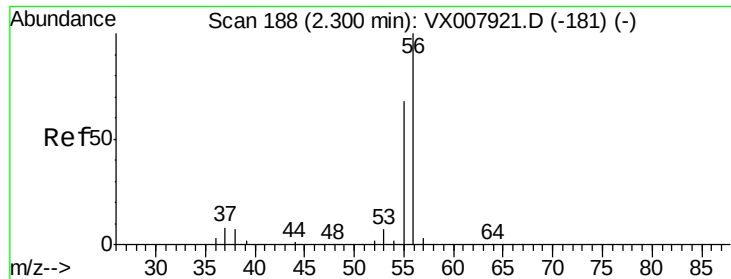
Tot Ion:142 Resp: 74683
Ion Ratio Lower Upper
142 100
127 38.2 22.1 66.5
141 14.7 7.4 22.3



#12
Methyl Acetate
Concen: 16.064 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Tgt Ion: 43 Resp: 62699
Ion Ratio Lower Upper
43 100
74 26.5 19.4 29.0

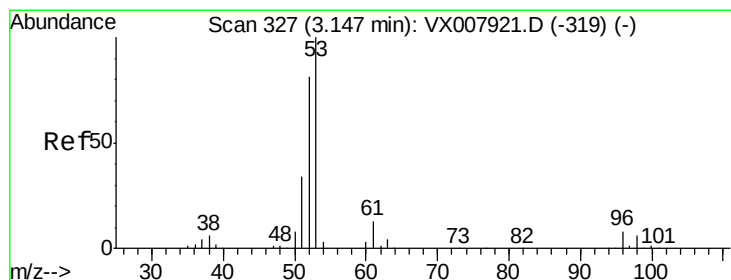
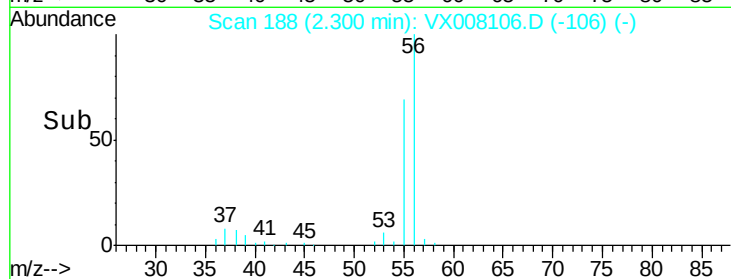
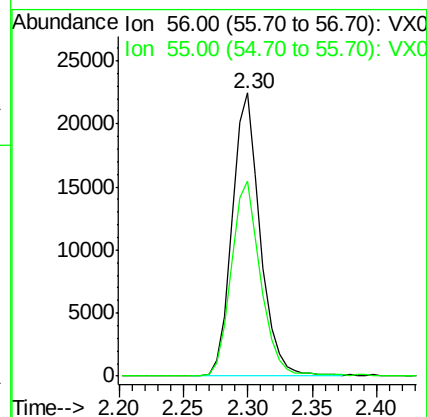
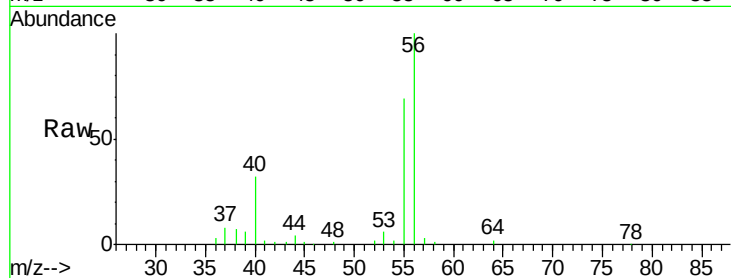




#13
 Acrolein
 Concen: 74.676 ug/l
 RT: 2.30 min Scan# 188
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

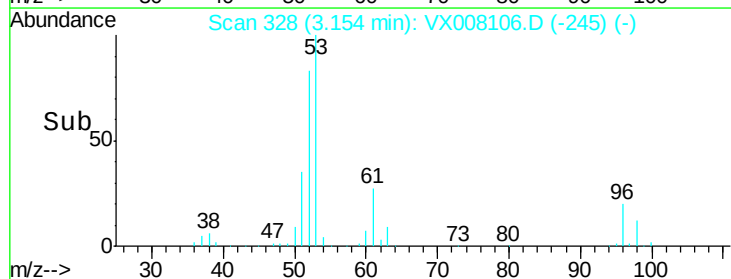
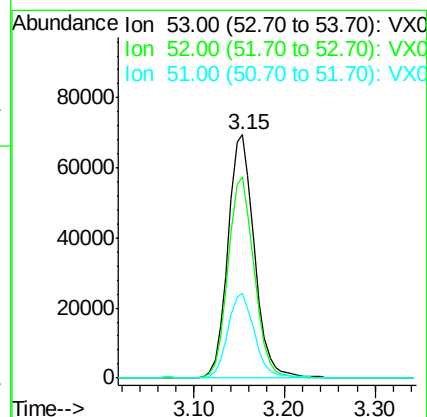
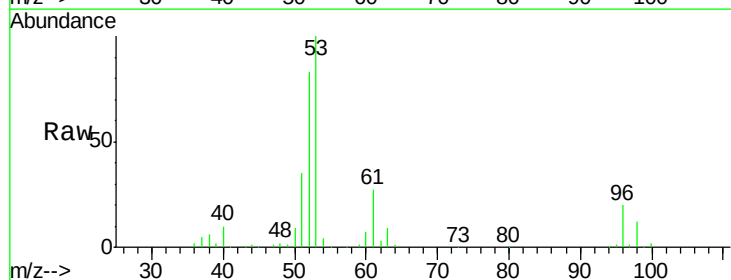
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

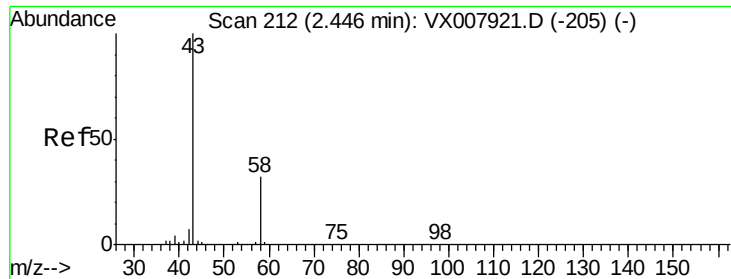
Tot Ion: 56 Resp: 34195
 Ion Ratio Lower Upper
 56 100
 55 72.3 58.6 87.8



#14
 Acrylonitrile
 Concen: 84.986 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. 0.01 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Tgt Ion: 53 Resp: 140812
 Ion Ratio Lower Upper
 53 100
 52 81.7 41.3 124.1
 51 34.8 17.5 52.6





#15

Acetone

Concen: 68.717 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

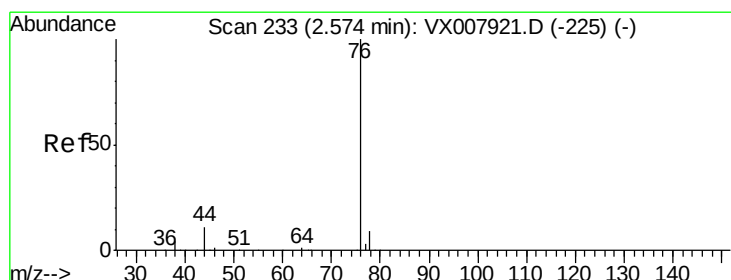
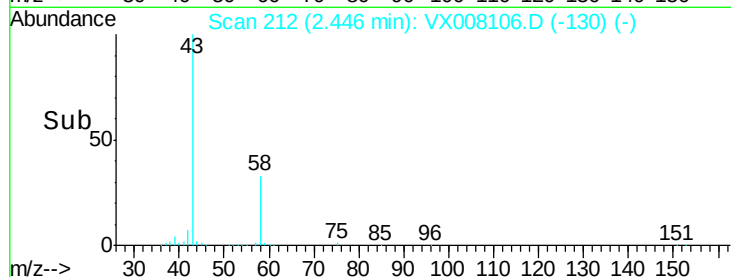
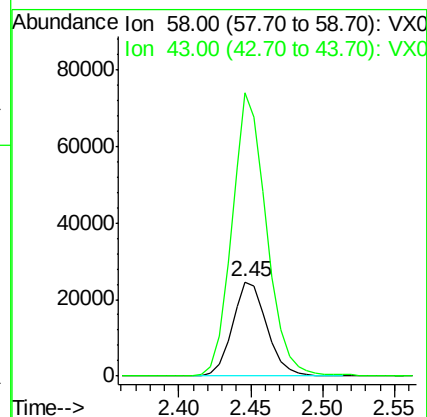
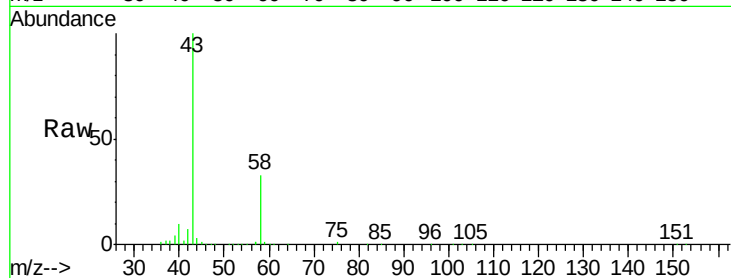
VX0315WBS01

Tot Ion: 58 Resp: 41106

Ion Ratio Lower Upper

58 100

43 299.6 249.8 374.6



#16

Carbon Disulfide

Concen: 16.635 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX008106.D

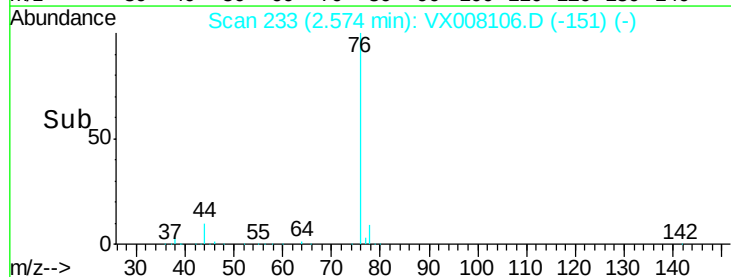
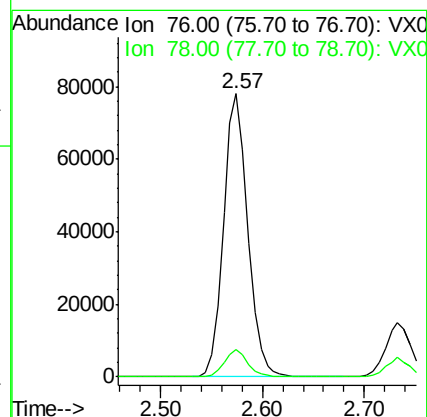
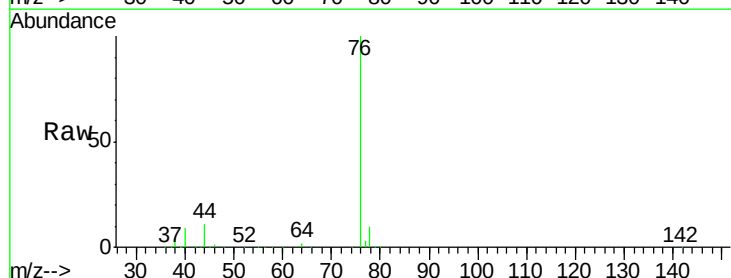
Acq: 15 Mar 2019 14:30

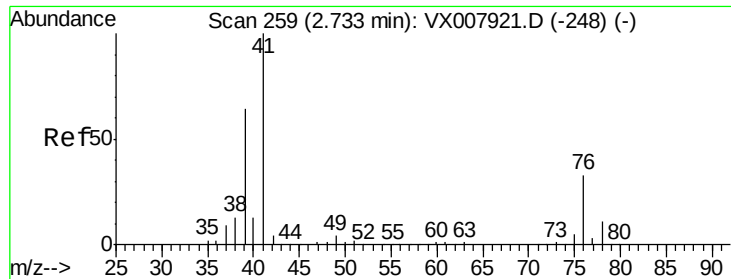
Tgt Ion: 76 Resp: 128808

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

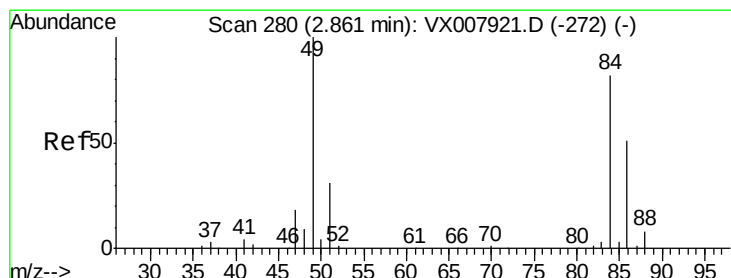
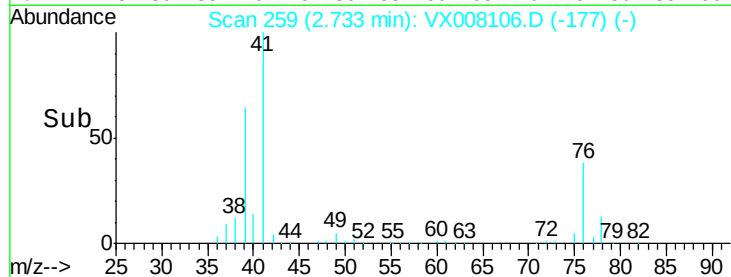
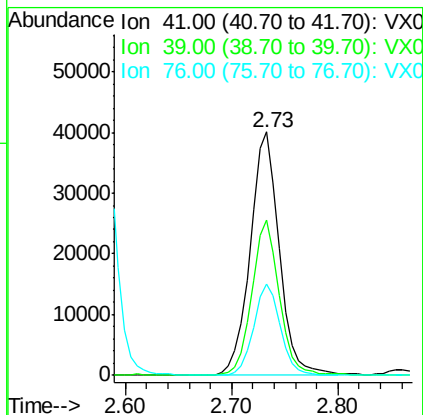
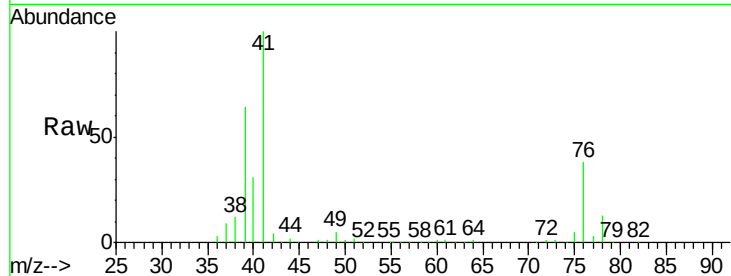




#17
Allvl chloride
Concen: 15.217 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

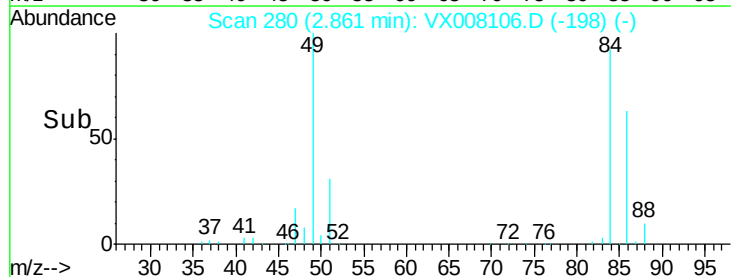
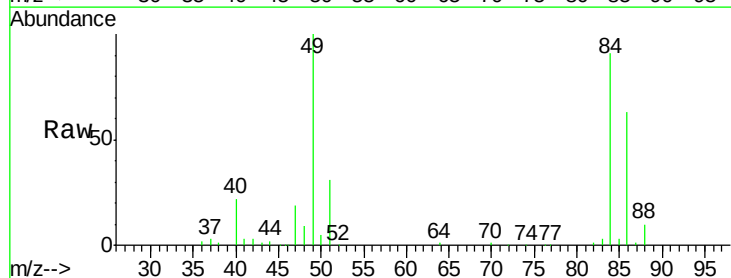
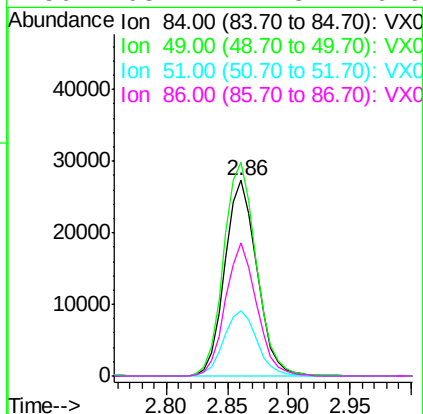
Instrument :
MSVOA_X
ClientSampled :
VX0315WBS01

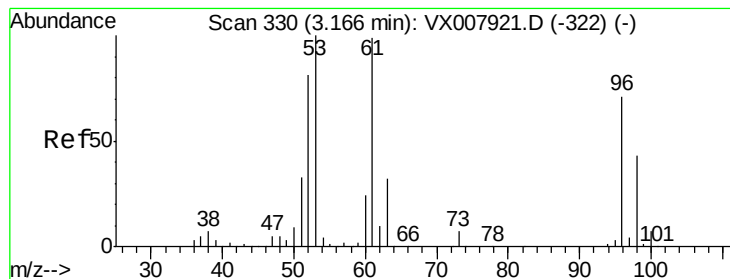
Tot Ion: 41 Resp: 76996
Ion Ratio Lower Upper
41 100
39 63.7 35.8 107.4
76 37.5 18.3 54.9



#18
Methylene Chloride
Concen: 17.708 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Tgt Ion: 84 Resp: 49786
Ion Ratio Lower Upper
84 100
49 109.1 96.1 144.1
51 33.4 29.1 43.7
86 68.4 47.3 70.9





#19

trans-1,2-Dichloroethene

Concen: 18.748 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

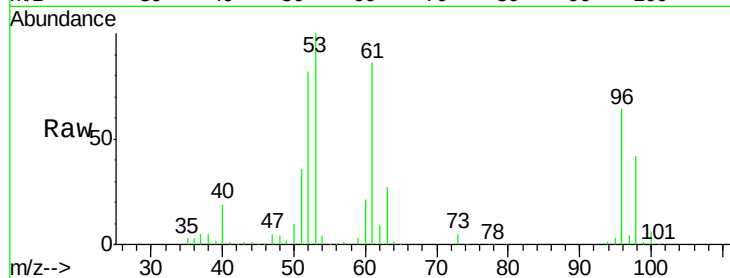
Tot Ion: 96 Resp: 48956

Ion Ratio Lower Upper

96 100

61 133.6 109.9 164.9

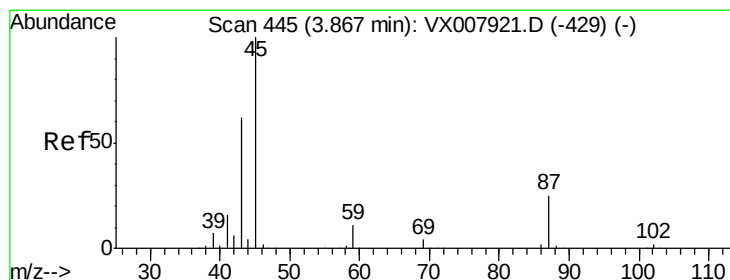
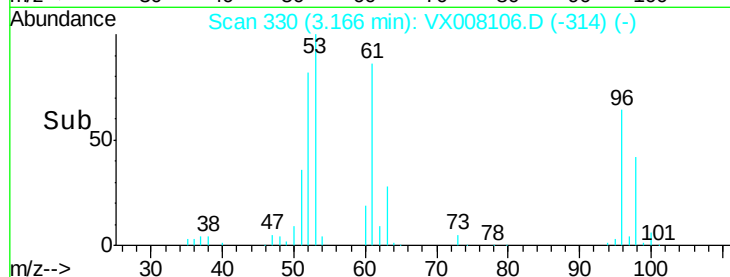
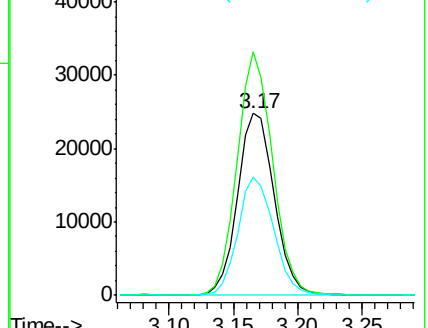
98 64.9 50.4 75.6



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 17.176 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Tgt Ion: 45 Resp: 158991

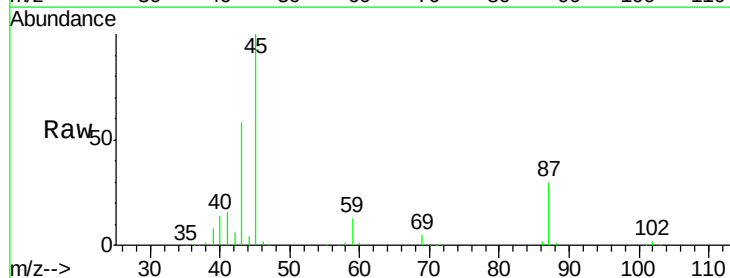
Ion Ratio Lower Upper

45 100

43 57.5 50.6 76.0

87 29.5 24.5 36.7

59 12.5 10.2 15.2

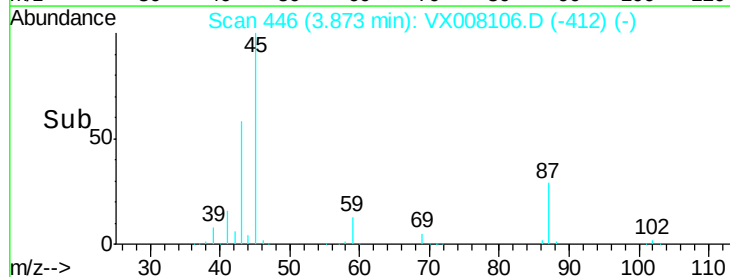
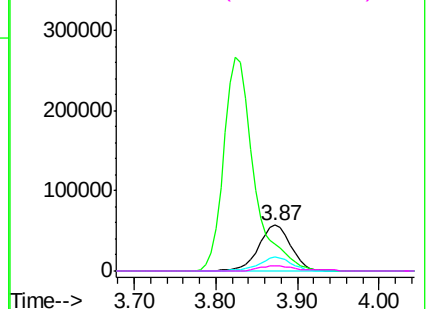


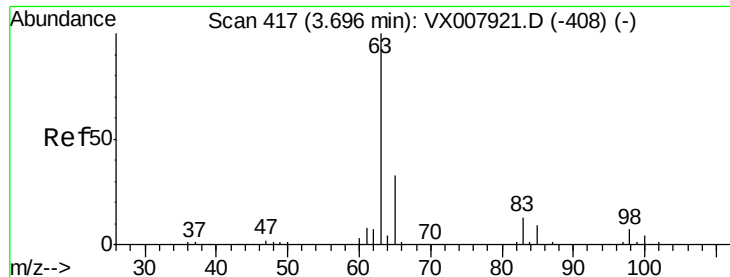
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 18.046 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

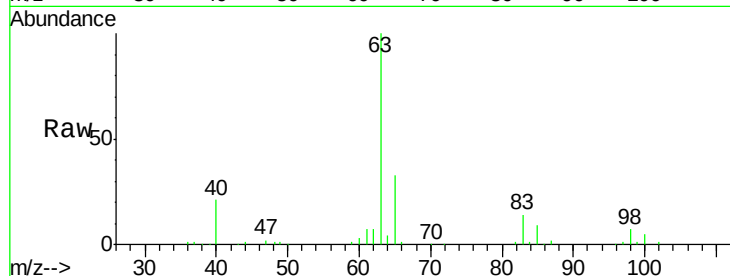
Tot Ion: 63 Resp: 90847

Ion Ratio Lower Upper

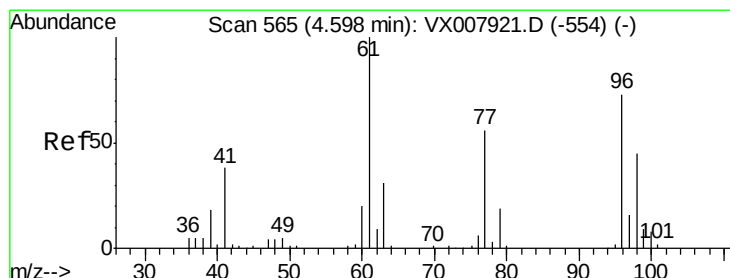
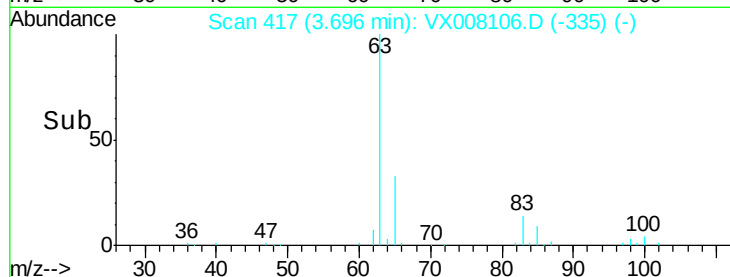
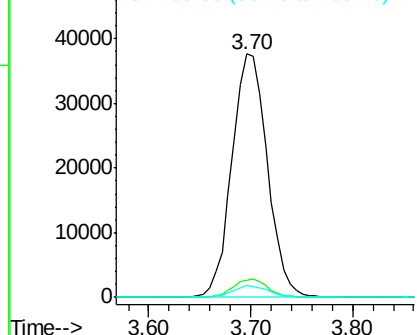
63 100

98 7.3 3.8 11.4

100 4.7 2.4 7.1



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 18.895 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

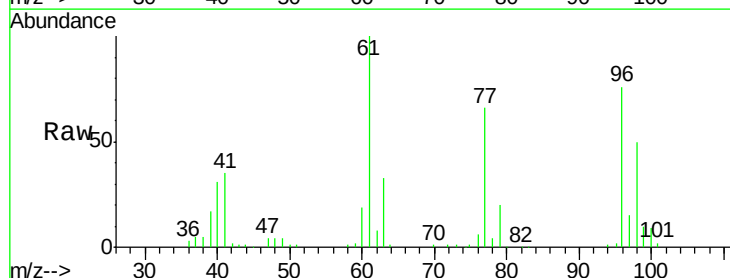
Tgt Ion: 96 Resp: 56916

Ion Ratio Lower Upper

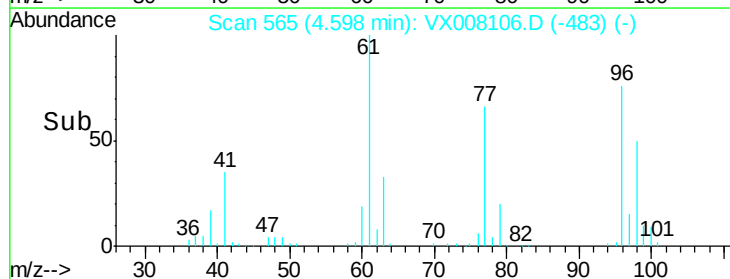
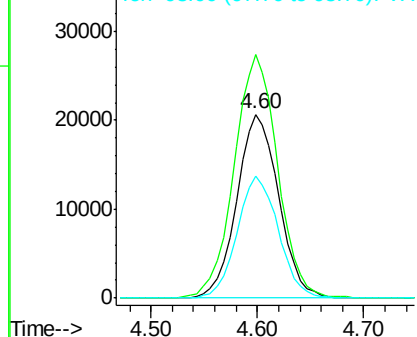
96 100

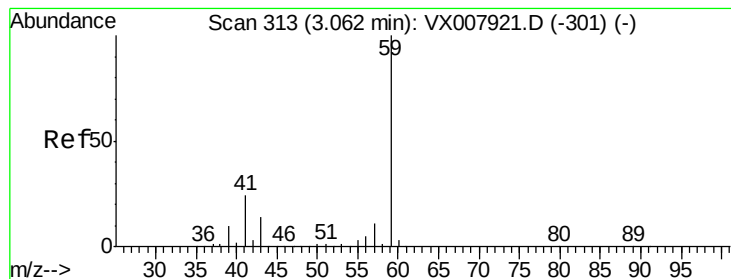
61 137.2 103.5 155.3

98 65.4 52.1 78.1



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



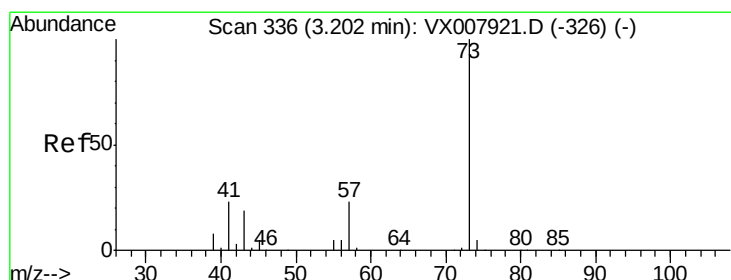
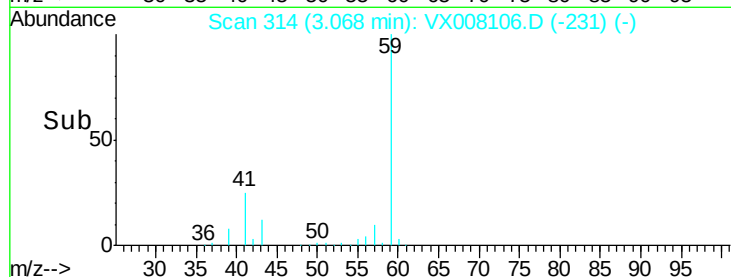
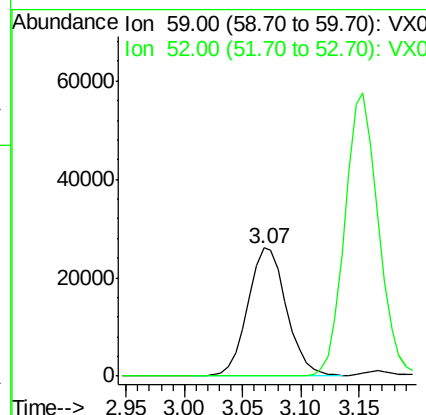
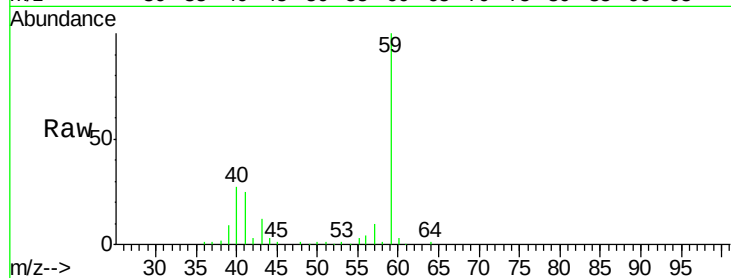


#23

tert-Butyl Alcohol
 Concen: 90.073 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. 0.01 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

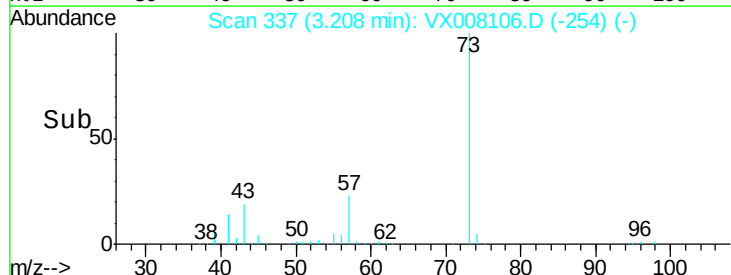
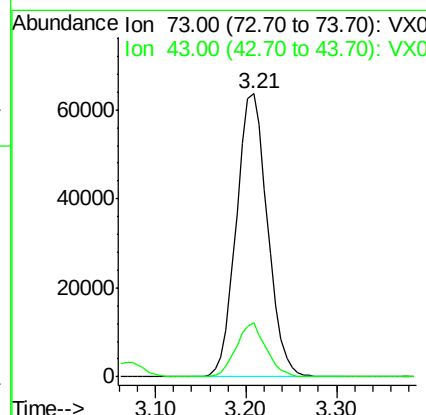
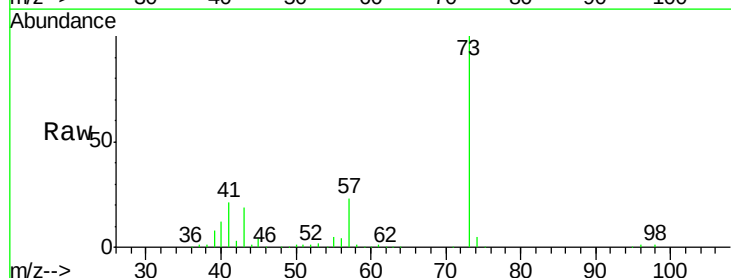
Tot Ion: 59 Resp: 60208
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.2 0.2#

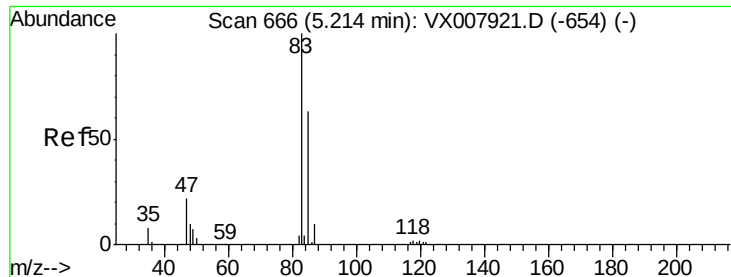


#24

Methyl tert-Butyl Ether
 Concen: 17.903 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Tgt Ion: 73 Resp: 151914
 Ion Ratio Lower Upper
 73 100
 43 18.4 17.1 25.7

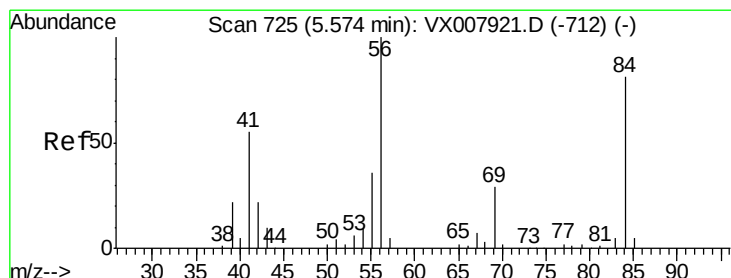
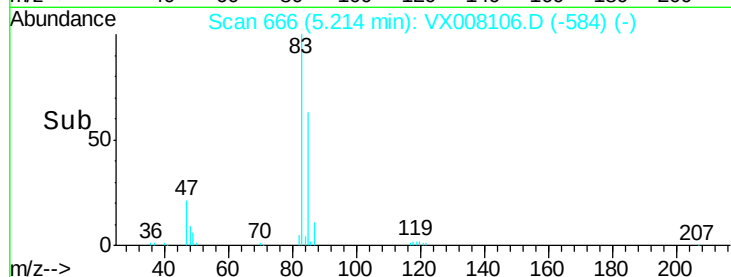
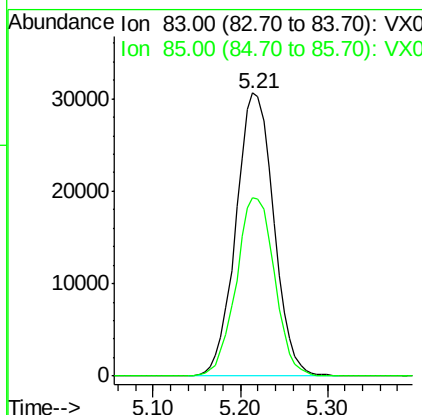
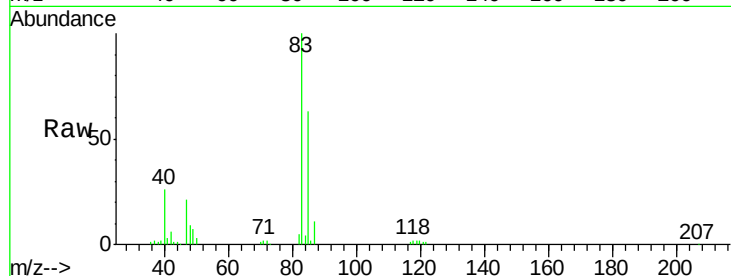




#25
Chloroform
Concen: 19.375 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

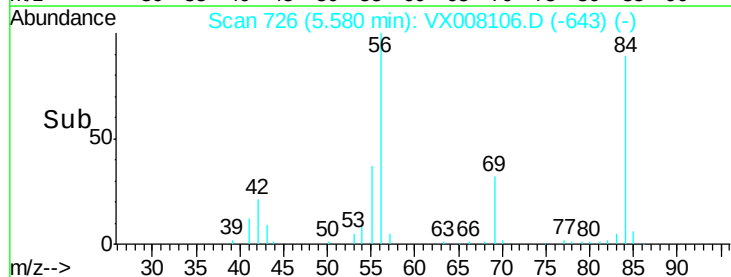
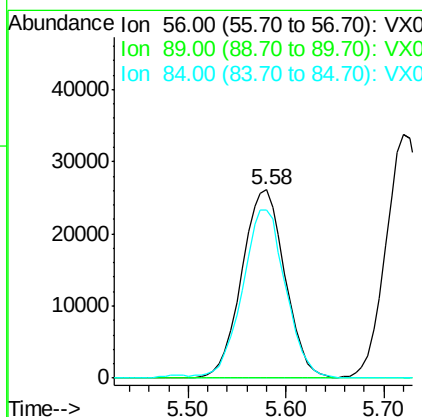
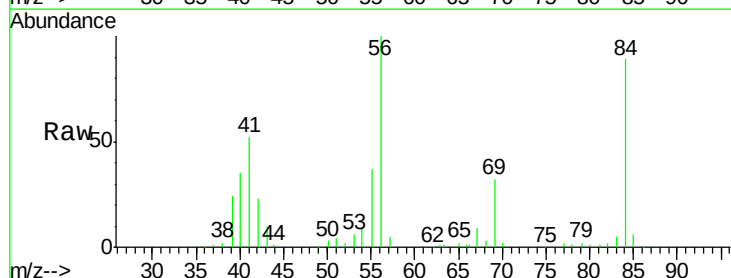
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

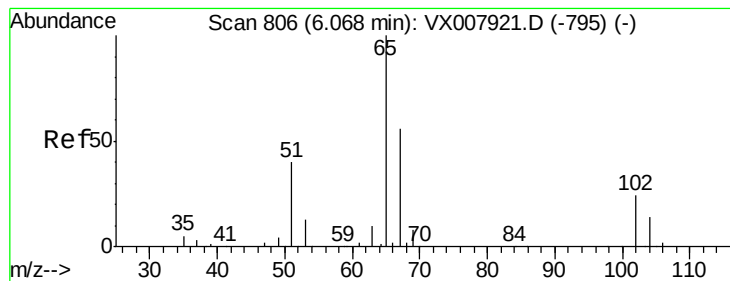
Tot Ion: 83 Resp: 92062
Ion Ratio Lower Upper
83 100
85 63.2 53.8 80.6



#26
Cyclohexane
Concen: 17.218 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Tgt Ion: 56 Resp: 80095
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.9 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 28.130 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

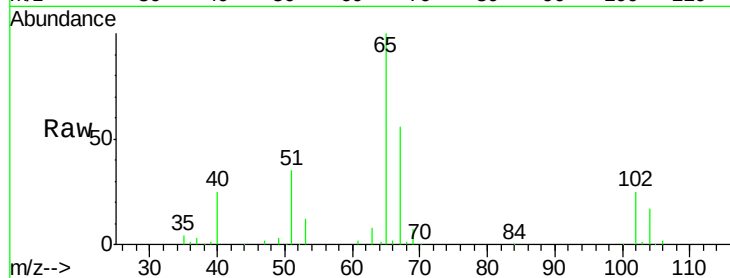
VX0315WBS01

Tot Ion: 65 Resp: 78638

Ion Ratio Lower Upper

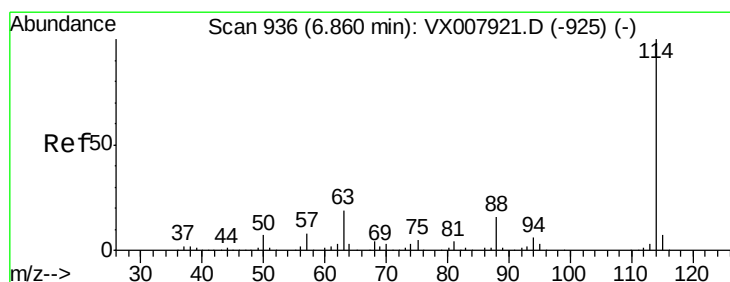
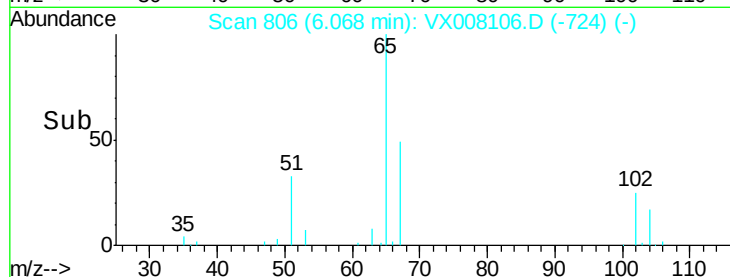
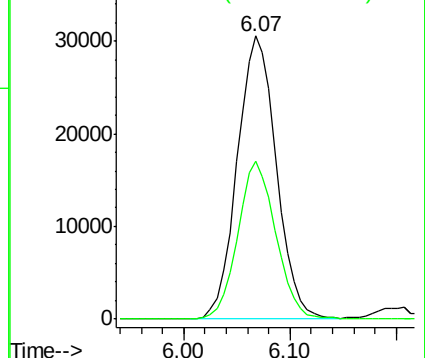
65 100

67 54.3 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

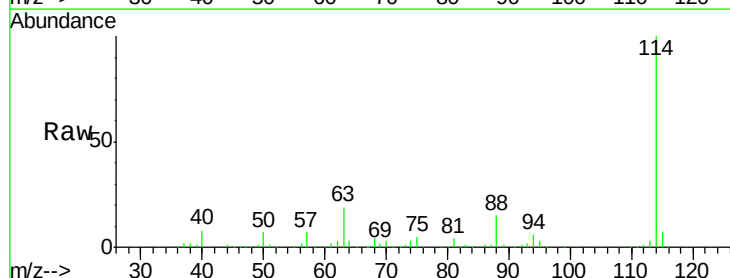
Tgt Ion: 114 Resp: 224554

Ion Ratio Lower Upper

114 100

63 18.3 14.2 21.4

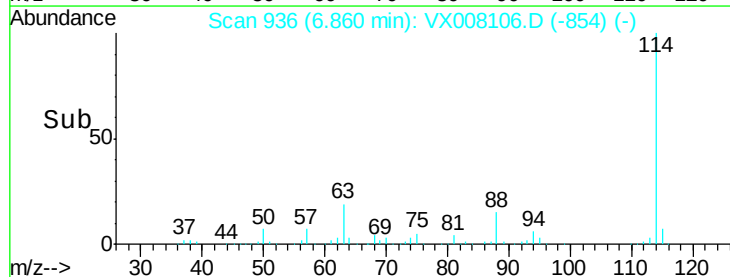
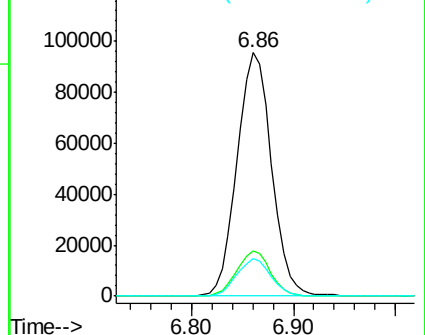
88 15.2 11.9 17.9

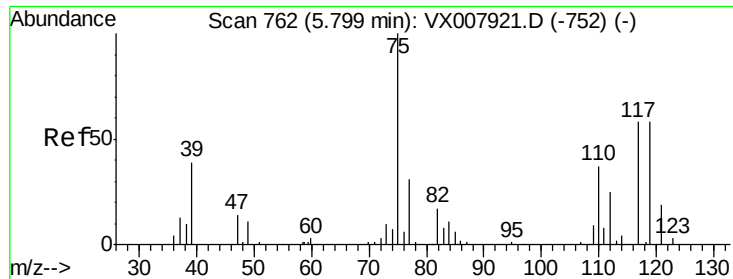


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 18.851 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

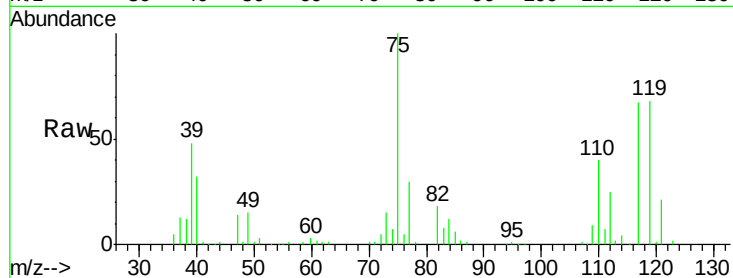
Tot Ion: 75 Resp: 67117

Ion Ratio Lower Upper

75 100

110 39.3 0.0 80.8

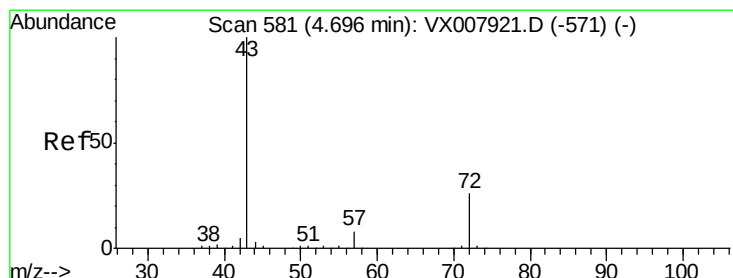
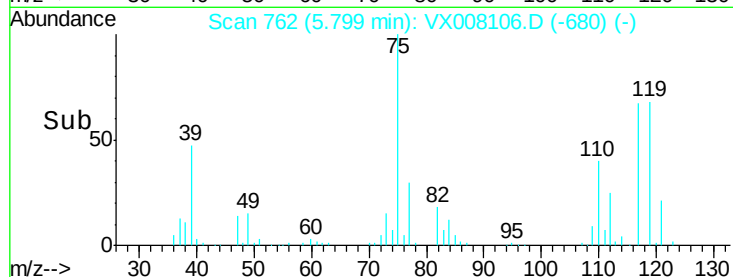
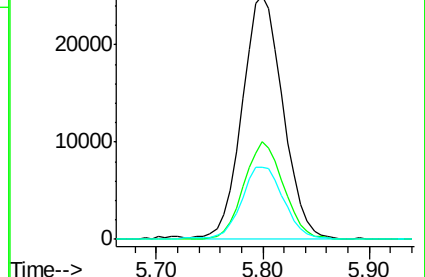
77 30.8 0.0 62.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 84.802 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

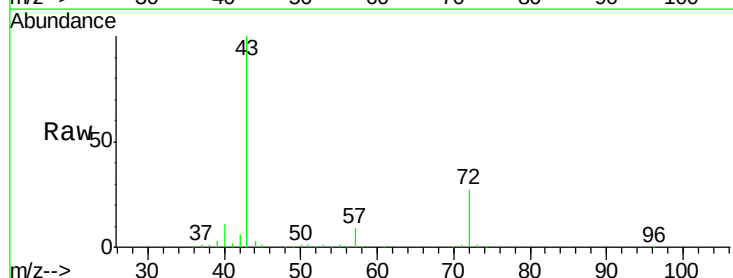
Tgt Ion: 43 Resp: 203645

Ion Ratio Lower Upper

43 100

57 8.6 7.0 10.6

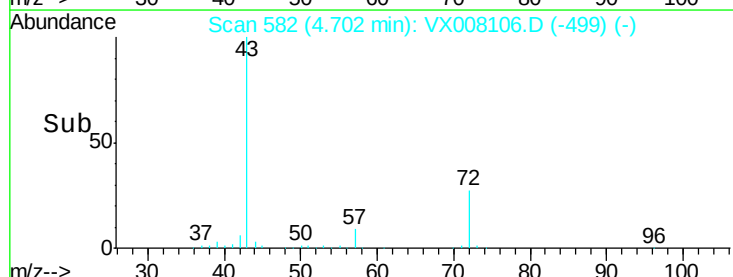
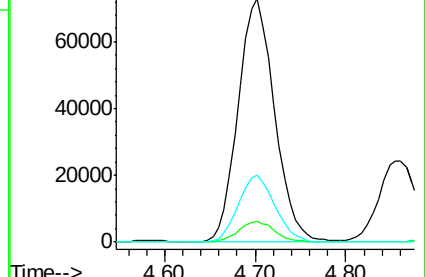
72 27.8 21.5 32.3

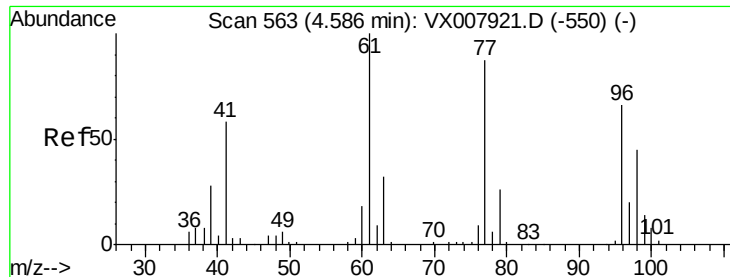


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 19.464 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

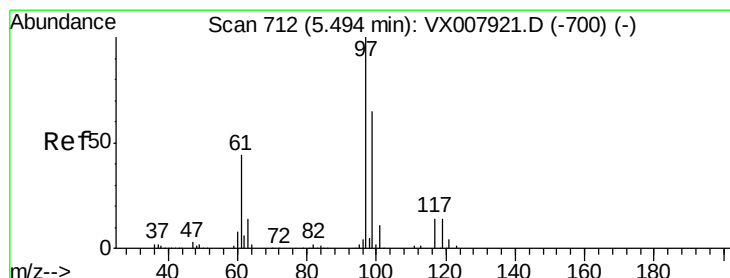
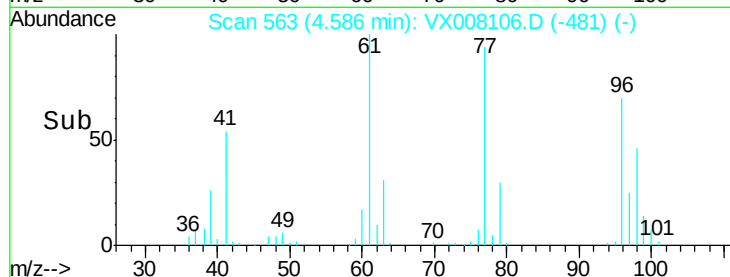
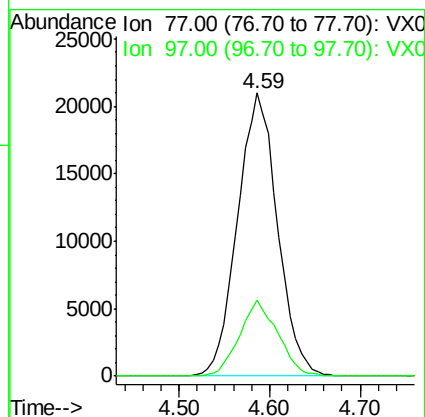
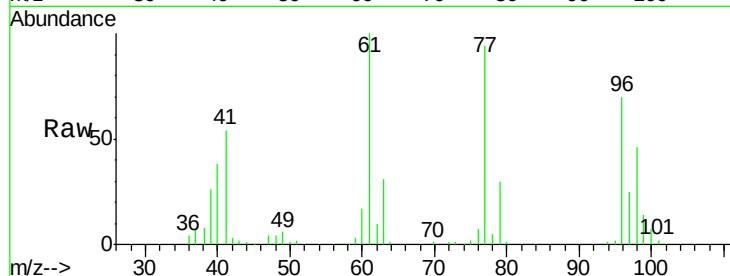
VX0315WBS01

Tot Ion: 77 Resp: 64010

Ion Ratio Lower Upper

77 100

97 25.8 20.6 31.0



#32

1,1,1-Trichloroethane

Concen: 19.998 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

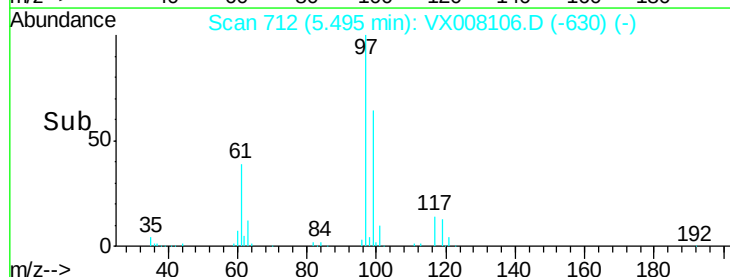
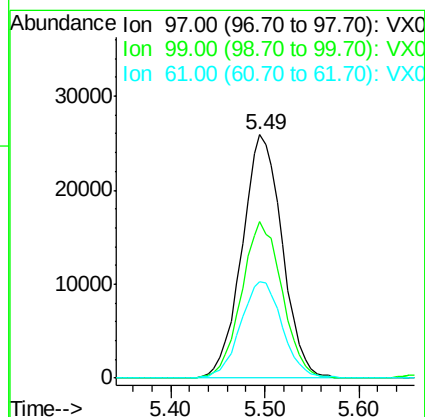
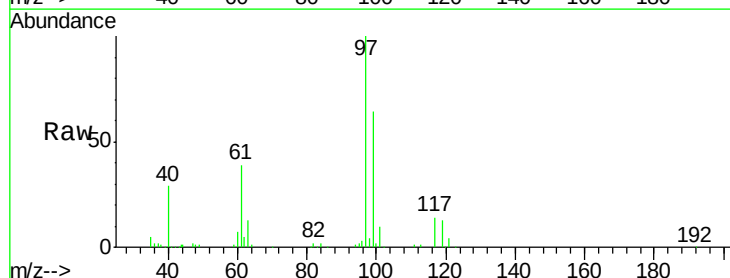
Tgt Ion: 97 Resp: 76996

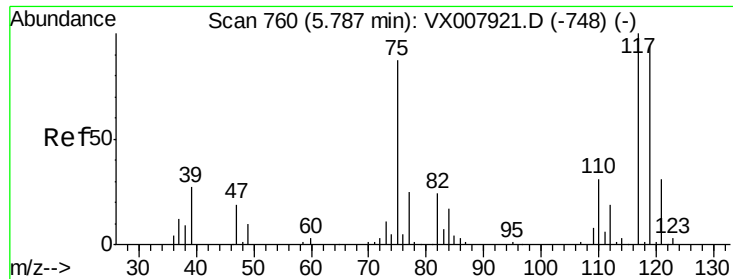
Ion Ratio Lower Upper

97 100

99 65.0 51.7 77.5

61 40.8 32.8 49.2





#33

Carbon Tetrachloride

Concen: 19.675 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

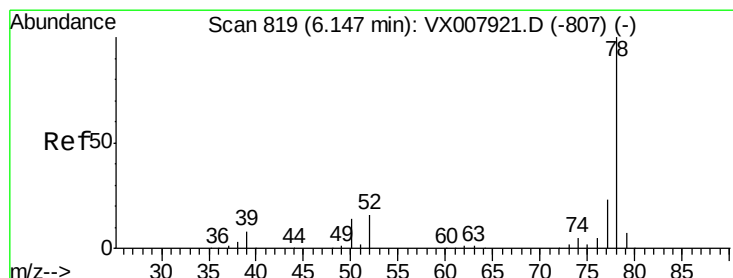
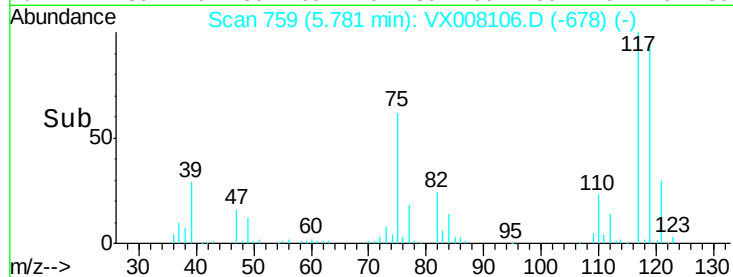
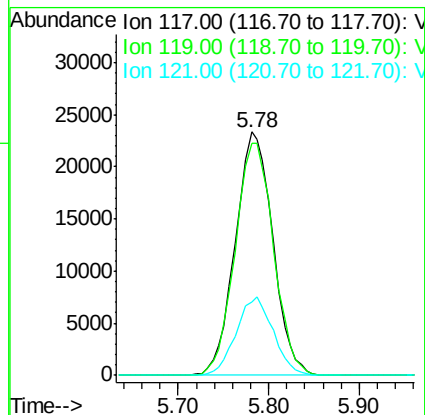
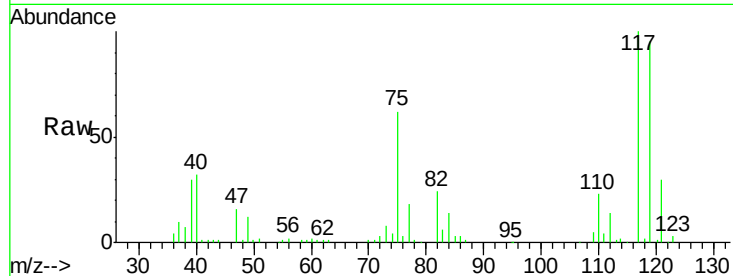
Tot Ion:117 Resp: 67190

Ion Ratio Lower Upper

117 100

119 95.2 78.1 117.1

121 30.2 27.0 40.6



#34

Benzene

Concen: 19.302 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

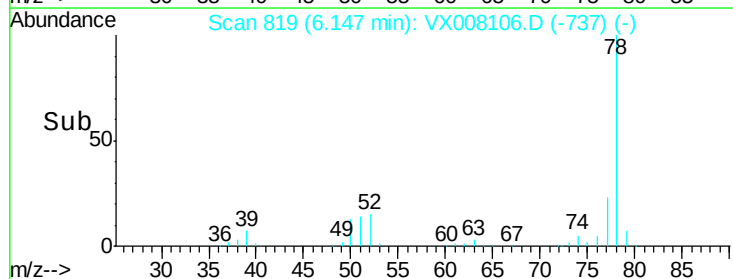
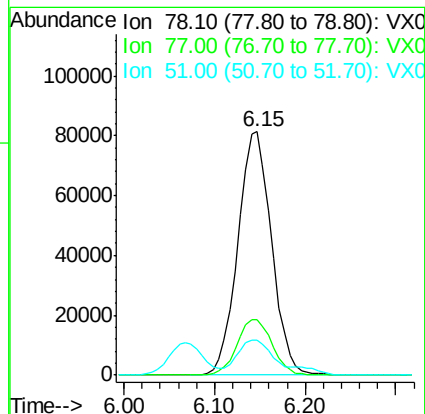
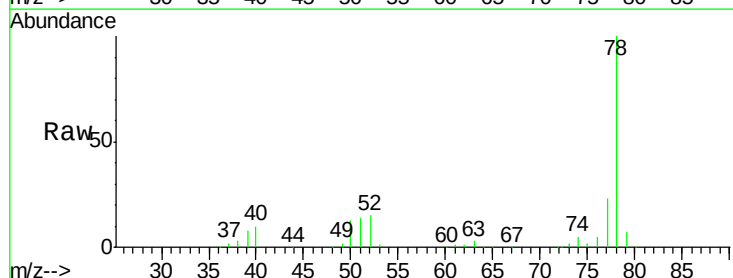
Tgt Ion: 78 Resp: 210606

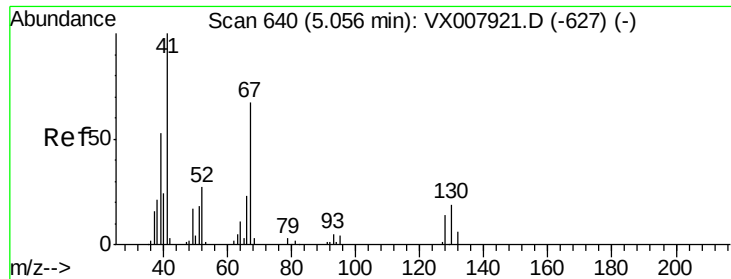
Ion Ratio Lower Upper

78 100

77 23.0 19.1 28.7

51 13.9 10.8 16.2

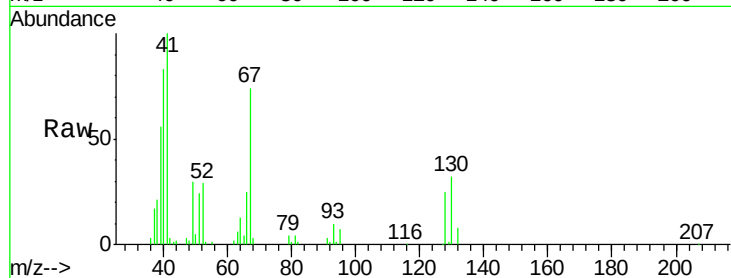




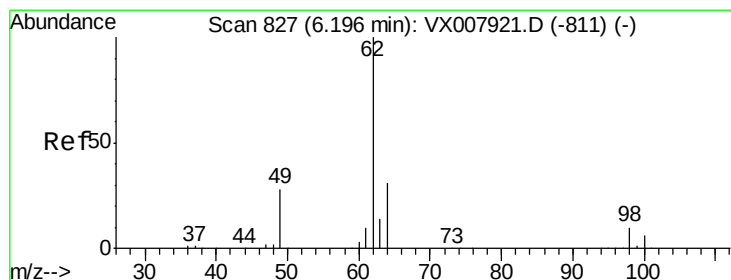
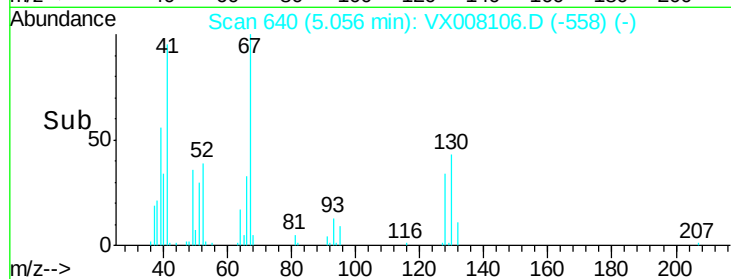
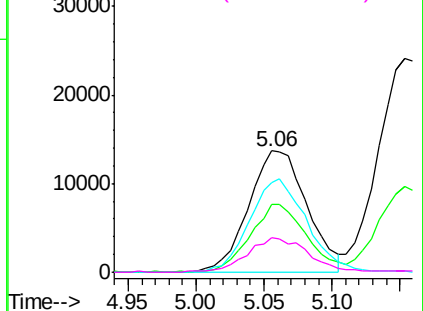
#35
Methacrylonitrile
Concen: 17.538 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion: 41 Resp: 41041
Ion Ratio Lower Upper
41 100
39 55.8 27.4 82.0
67 74.3 37.9 113.6
52 28.0 13.3 39.9

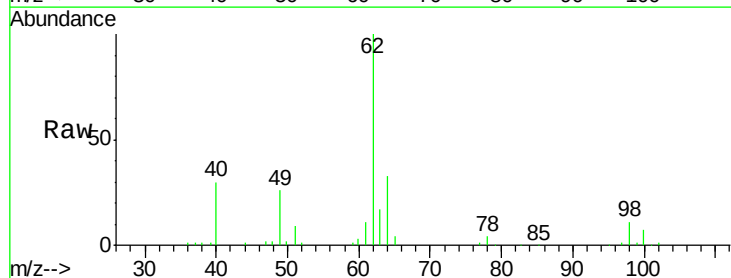


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

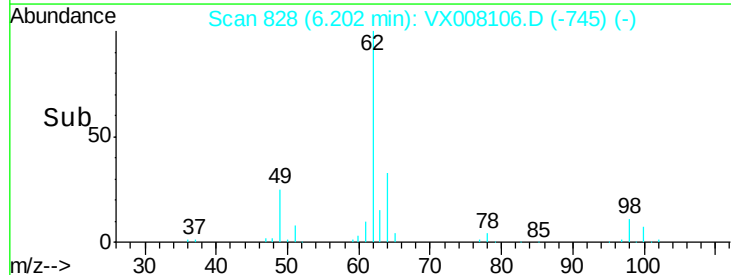
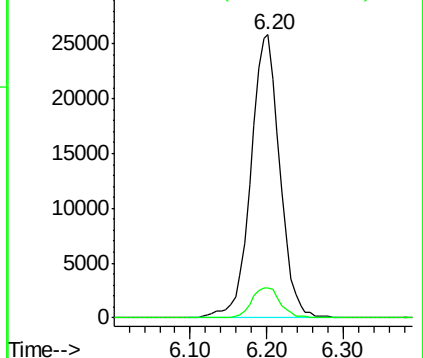


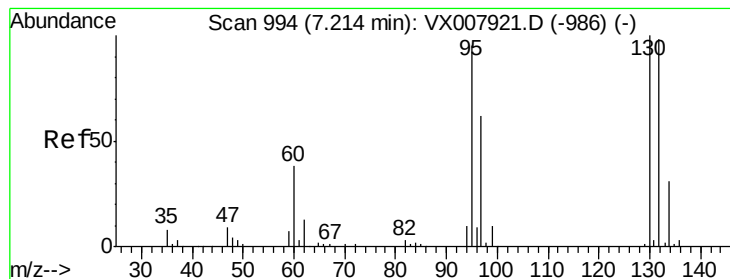
#36
1,2-Dichloroethane
Concen: 19.222 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Tgt Ion: 62 Resp: 68235
Ion Ratio Lower Upper
62 100
98 10.5 7.8 11.8



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 20.333 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

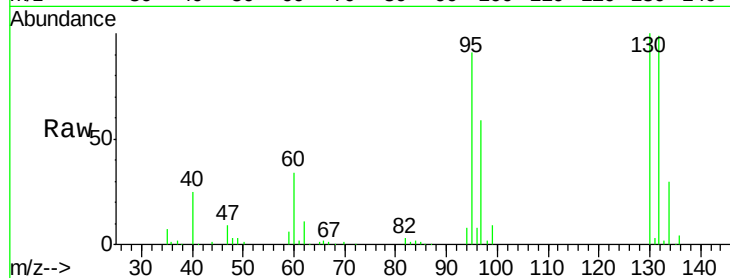
VX0315WBS01

Tot Ion:130 Resp: 60111

Ion Ratio Lower Upper

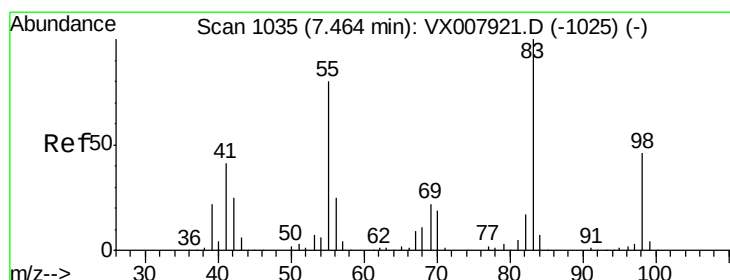
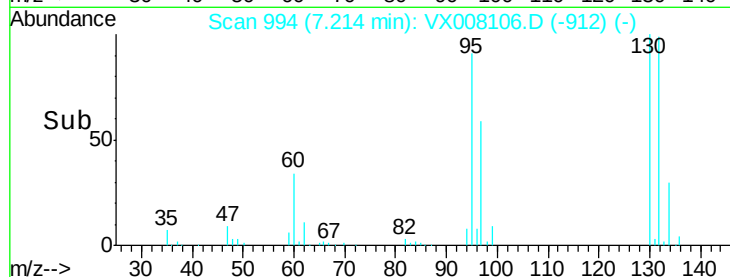
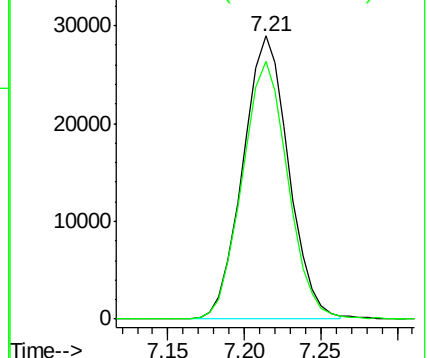
130 100

95 90.8 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.398 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

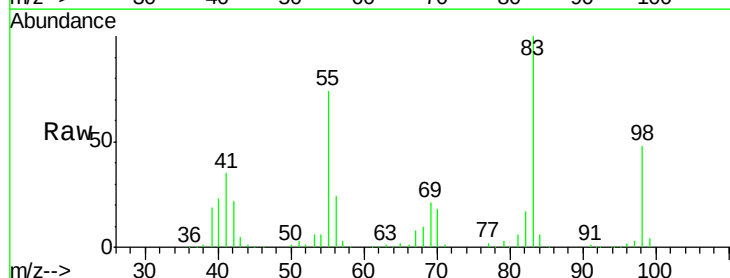
Tgt Ion: 83 Resp: 83283

Ion Ratio Lower Upper

83 100

55 74.3 36.0 108.0

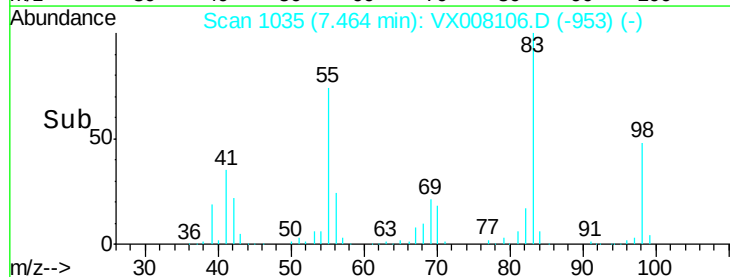
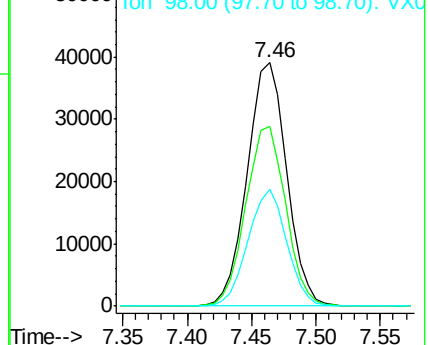
98 47.0 23.8 71.4

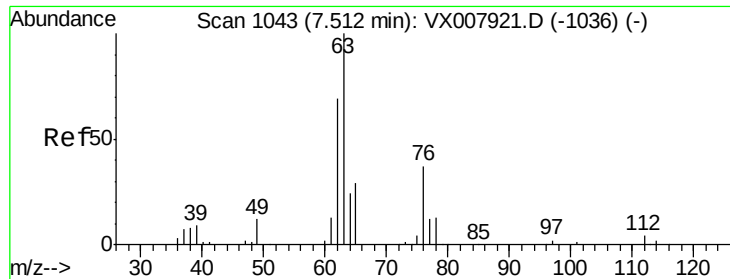


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

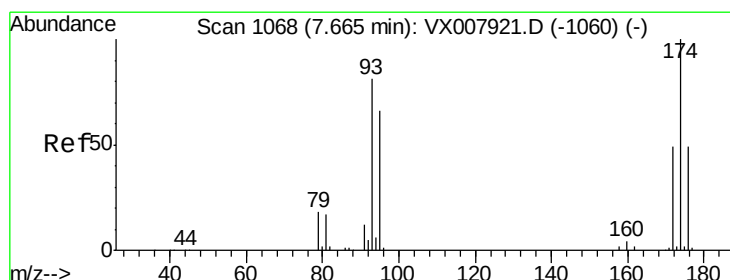
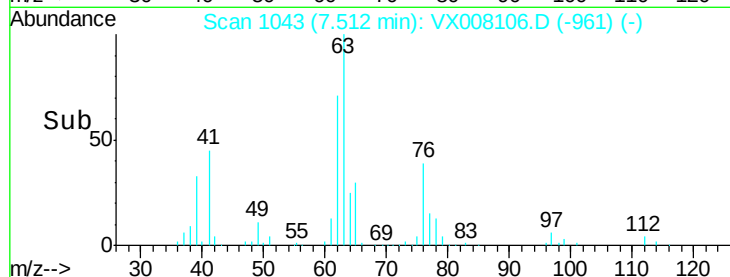
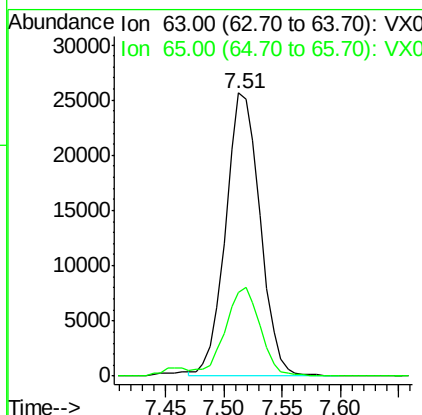
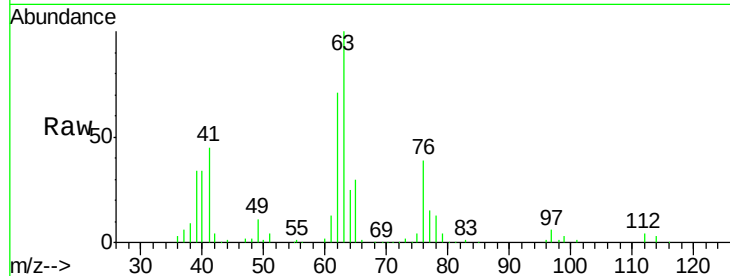




#39
 1,2-Dichloropropane
 Concen: 18.463 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

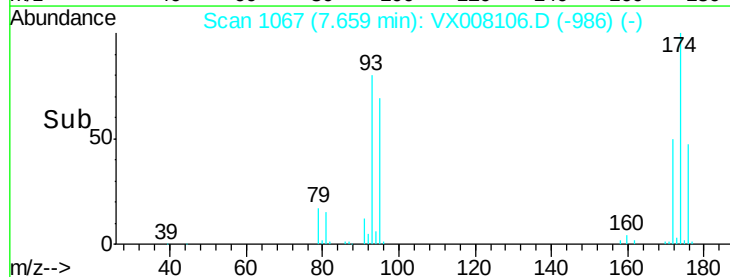
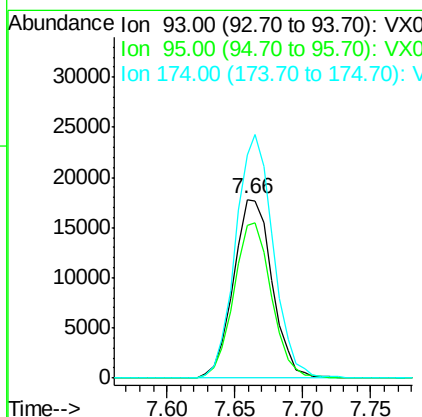
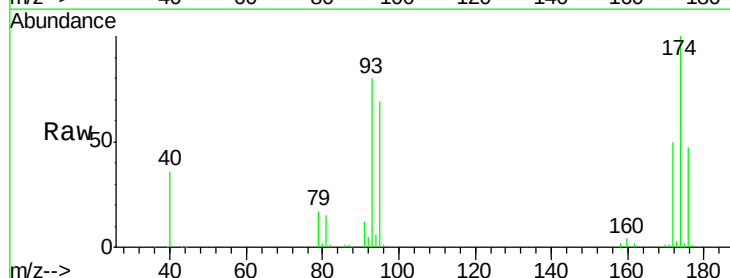
Instrument :
 MSVOA_X
 ClientSampled :
 VX0315WBS01

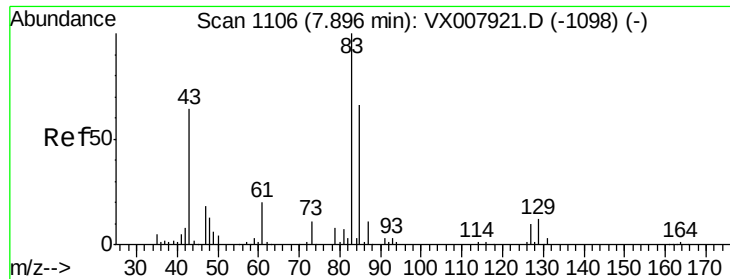
Tot Ion: 63 Resp: 52537
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.6 37.0



#40
 Dibromomethane
 Concen: 19.602 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Tgt Ion: 93 Resp: 35382
 Ion Ratio Lower Upper
 93 100
 95 84.7 0.0 158.8
 174 131.8 0.0 224.2





#41

Bromodichloromethane

Concen: 19.125 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

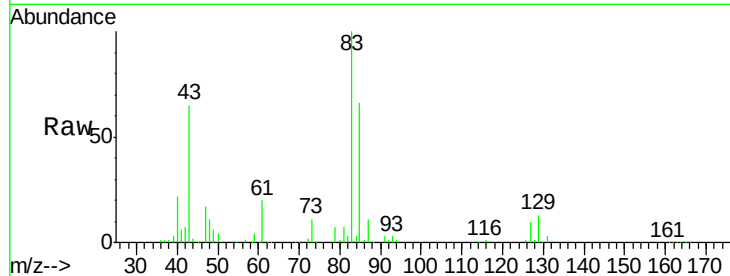
Tot Ion: 83 Resp: 65249

Ion Ratio Lower Upper

83 100

85 65.7 51.1 76.7

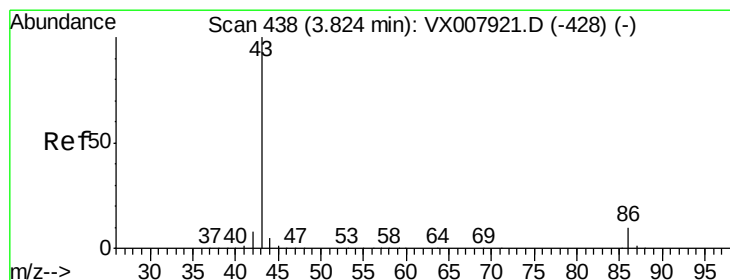
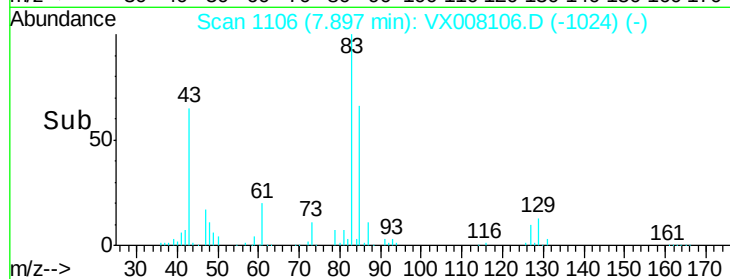
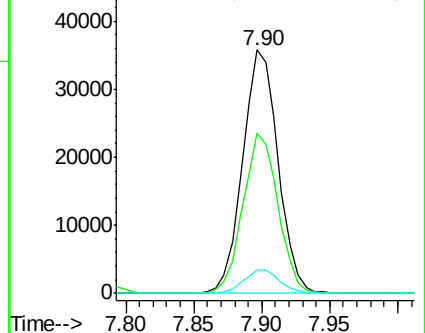
127 9.7 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 88.256 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX008106.D

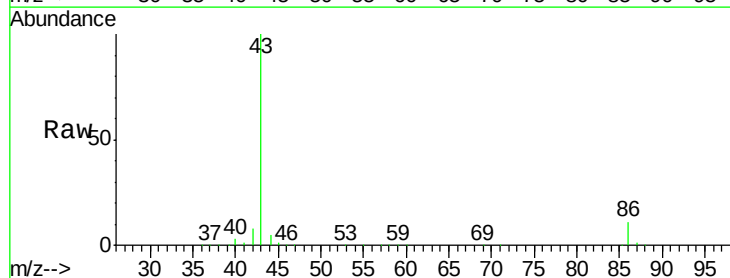
Acq: 15 Mar 2019 14:30

Tgt Ion: 43 Resp: 686052

Ion Ratio Lower Upper

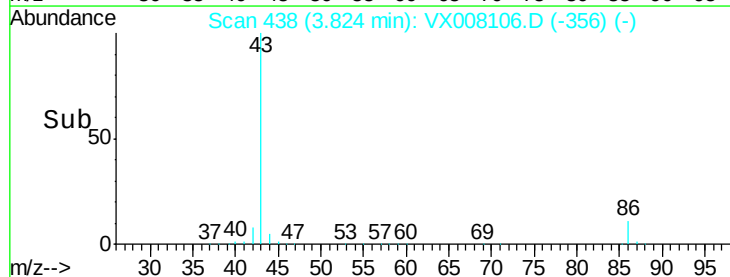
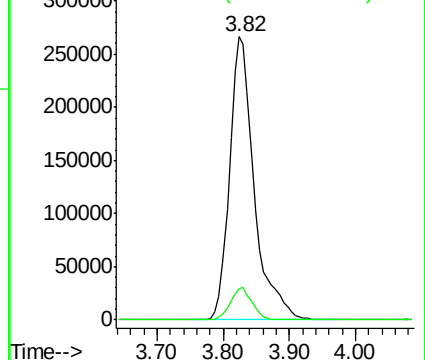
43 100

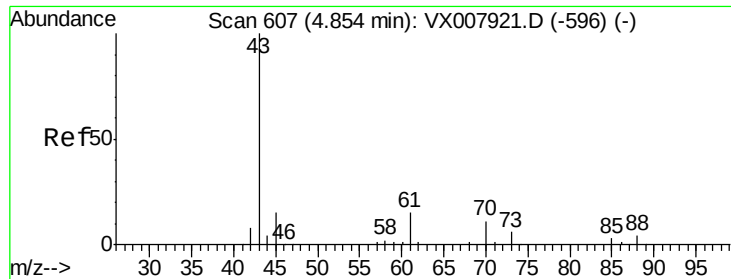
86 10.0 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

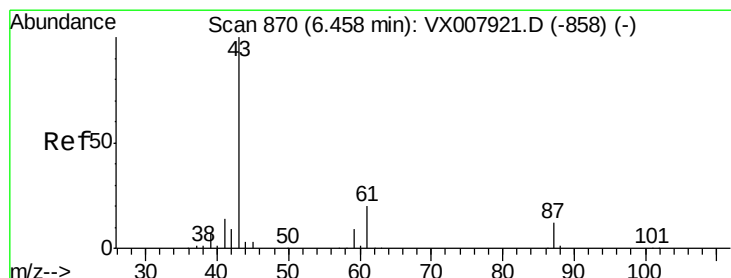
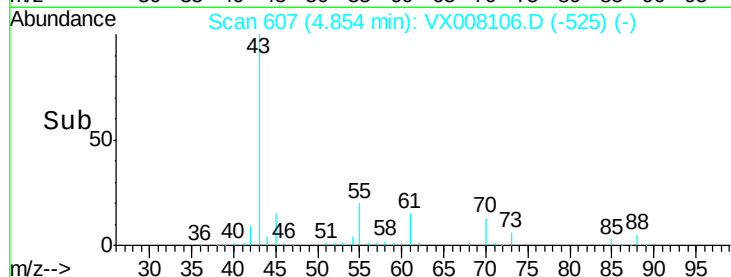
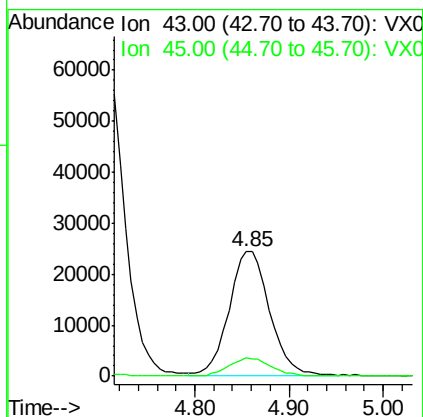
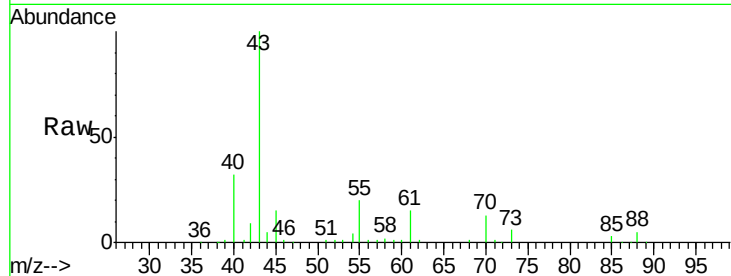




#43
Ethyl Acetate
Concen: 17.738 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

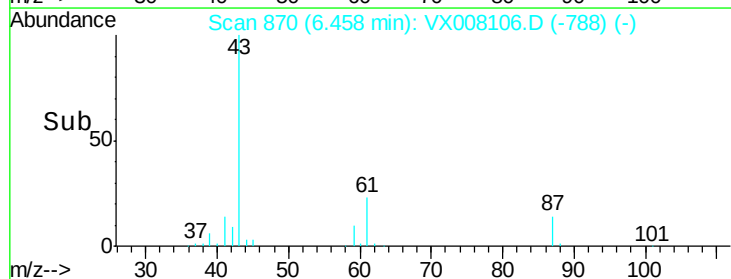
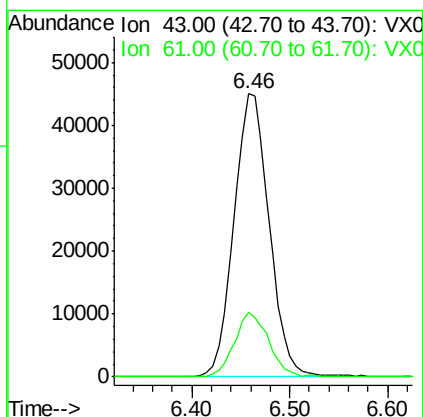
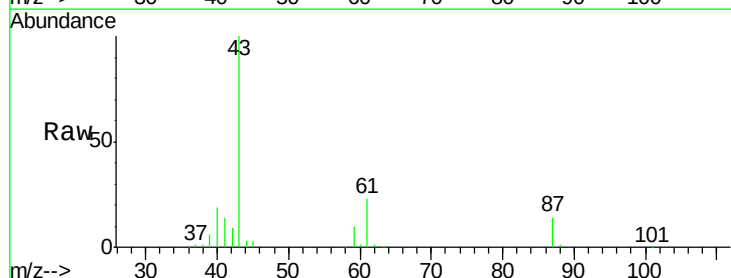
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

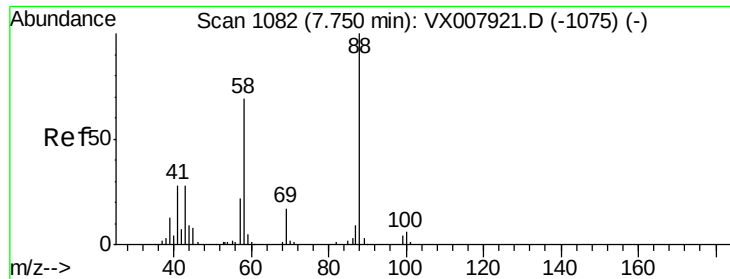
Tot Ion: 43 Resp: 74197
Ion Ratio Lower Upper
43 100
45 15.3 6.9 10.3#



#44
Isopropyl Acetate
Concen: 17.562 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Tgt Ion: 43 Resp: 112086
Ion Ratio Lower Upper
43 100
61 22.0 16.1 24.1

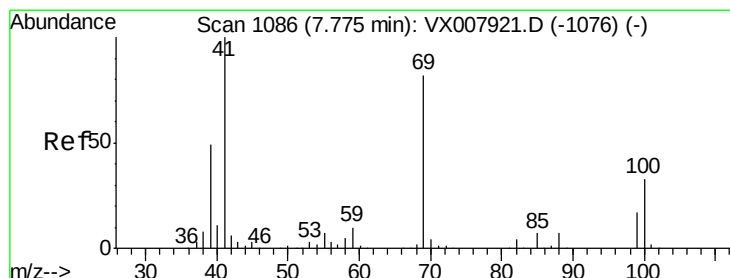
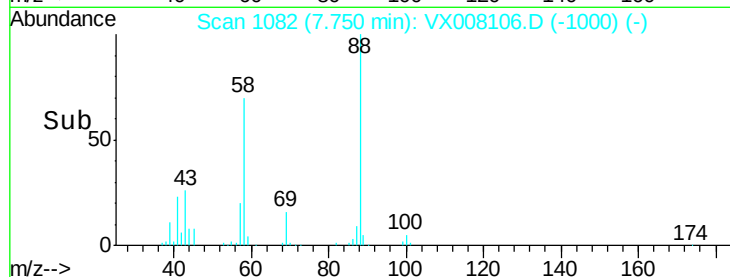
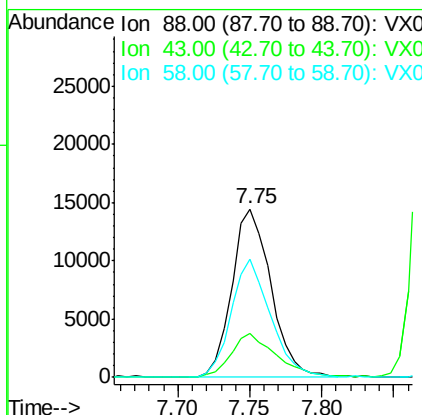
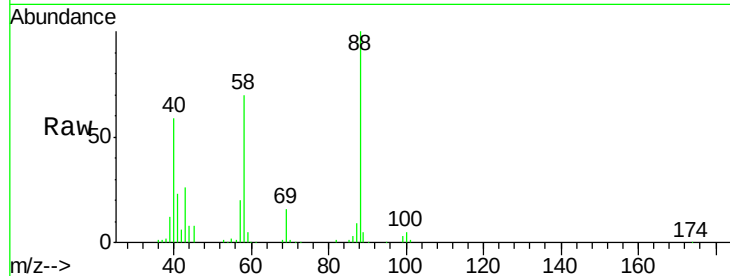




#45
 1,4-Dioxane
 Concen: 411.089 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

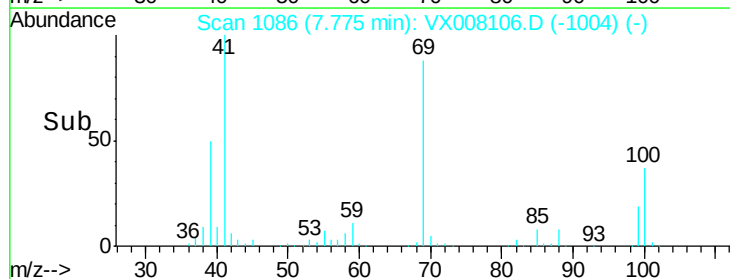
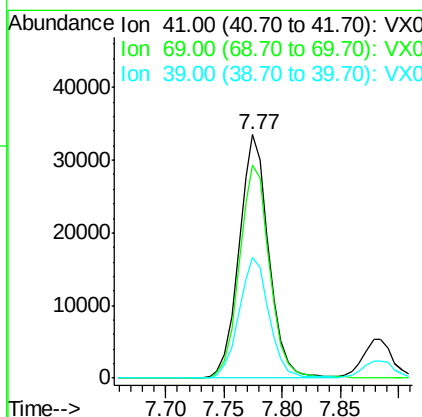
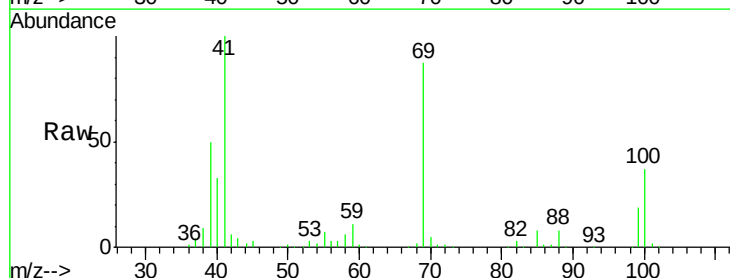
Instrument :
 MSVOA_X
 ClientSampled :
 VX0315WBS01

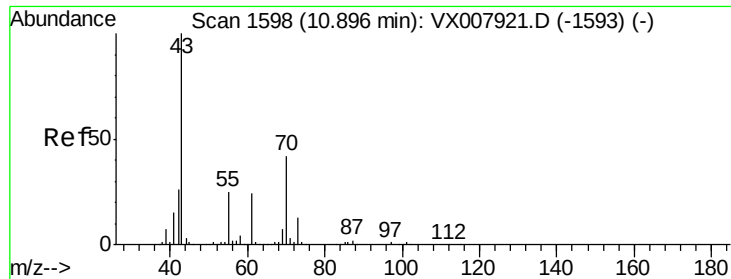
Tot Ion: 88 Resp: 27450
 Ion Ratio Lower Upper
 88 100
 43 30.2 23.6 35.4
 58 70.4 51.6 77.4



#46
 Methyl methacrylate
 Concen: 17.555 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Tgt Ion: 41 Resp: 58927
 Ion Ratio Lower Upper
 41 100
 69 87.5 44.2 132.6
 39 49.8 29.9 89.8





#47

n-amvl Acetate

Concen: 17.090 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampled :

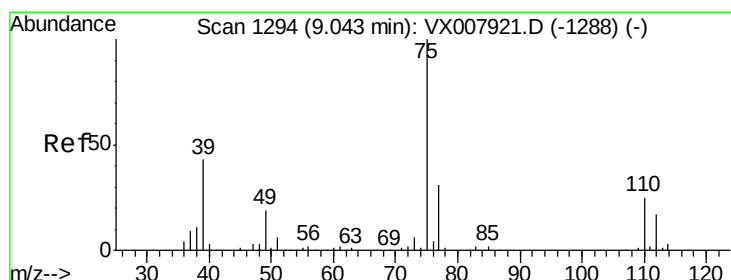
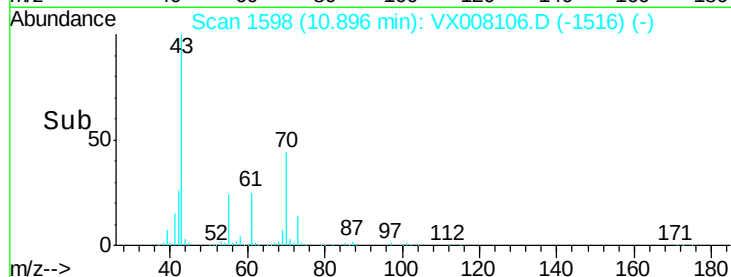
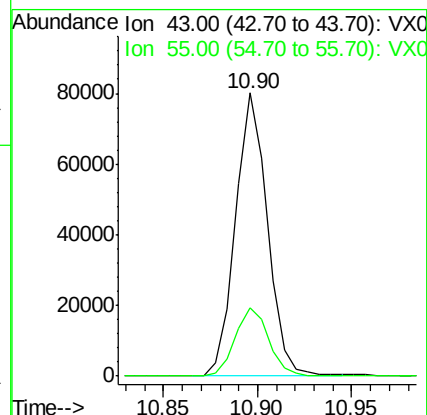
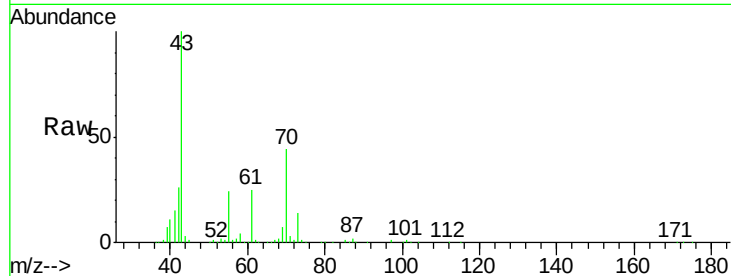
VX0315WBS01

Tot Ion: 43 Resp: 93979

Ion Ratio Lower Upper

43 100

55 25.6 20.8 31.2



#48

t-1,3-Dichloropropene

Concen: 18.502 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008106.D

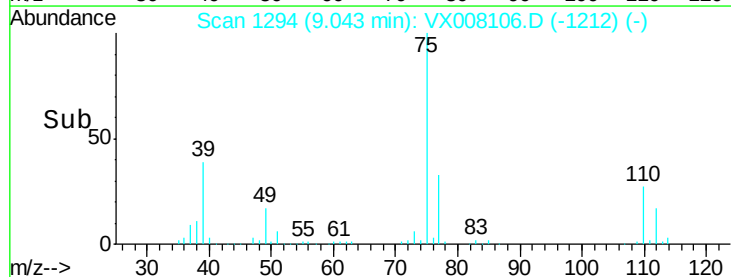
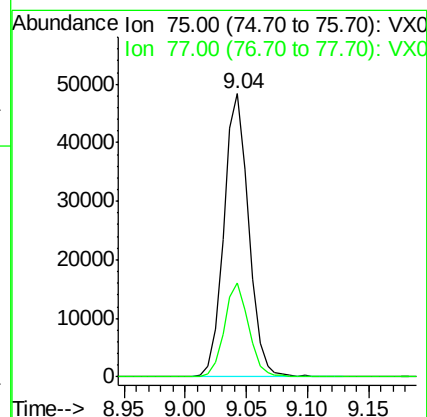
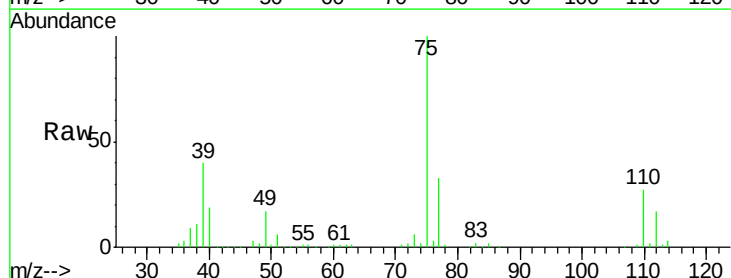
Acq: 15 Mar 2019 14:30

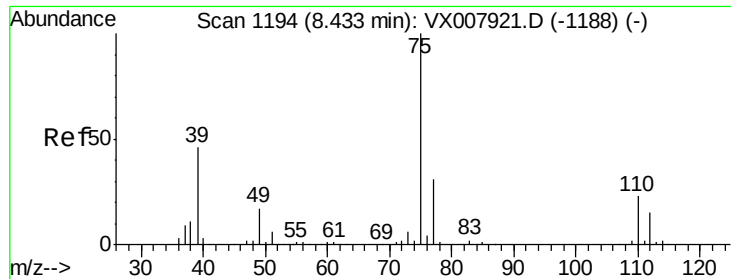
Tgt Ion: 75 Resp: 68365

Ion Ratio Lower Upper

75 100

77 33.1 24.5 36.7



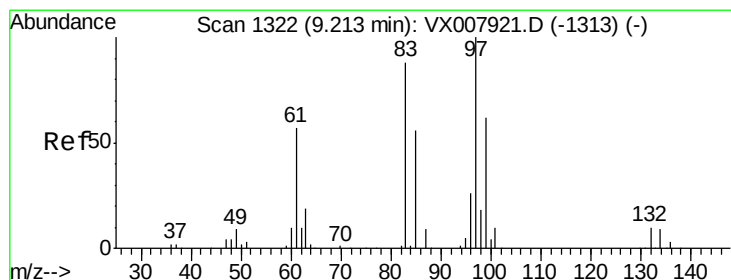
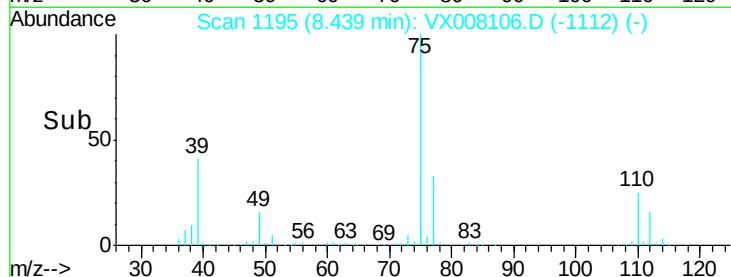
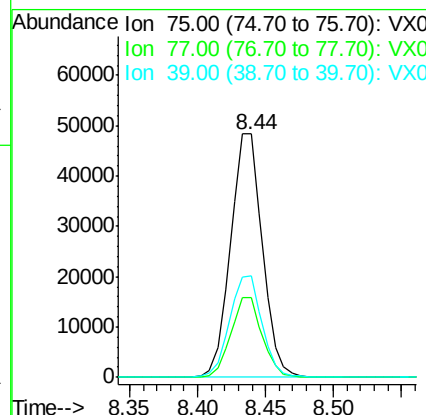
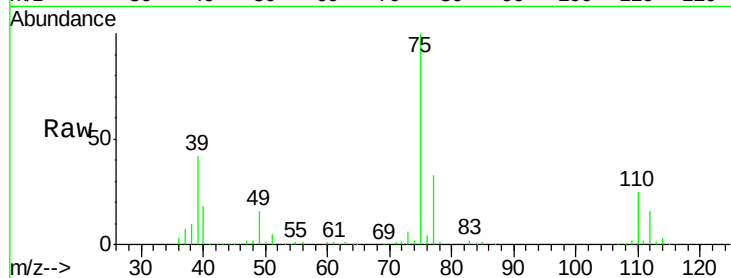


#49

cis-1,3-Dichloropropene
 Concen: 18.808 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

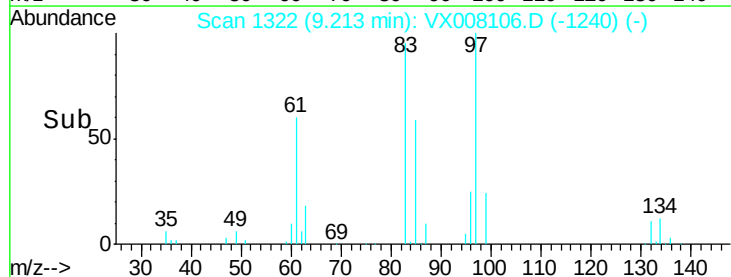
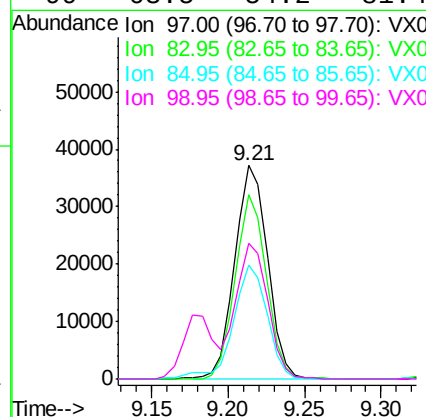
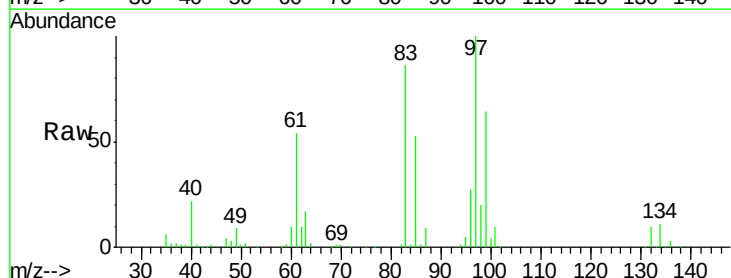
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.0	37.4
39	41.2	38.5	57.7

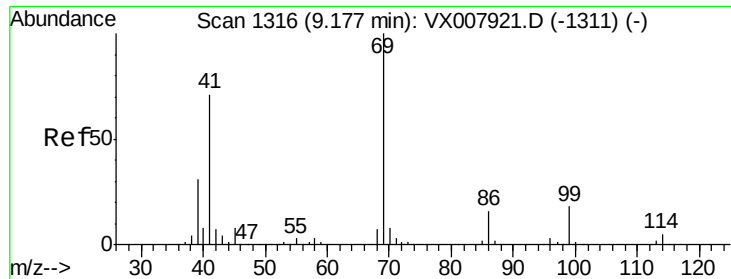


#50

1,1,2-Trichloroethane
 Concen: 20.156 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.1	72.0	108.0
85	53.5	45.0	67.6
99	63.5	54.2	81.4





#51

Ethyl methacrylate

Concen: 18.812 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

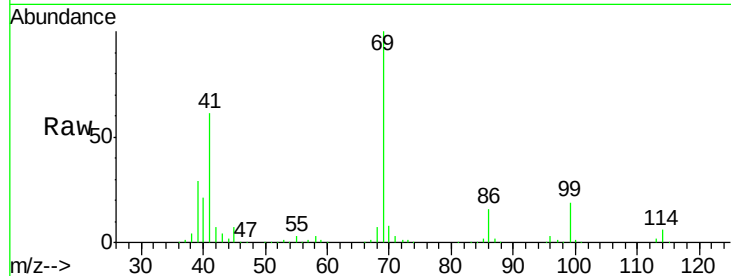
Tot Ion: 69 Resp: 78492

Ion Ratio Lower Upper

69 100

41 60.9 32.1 96.5

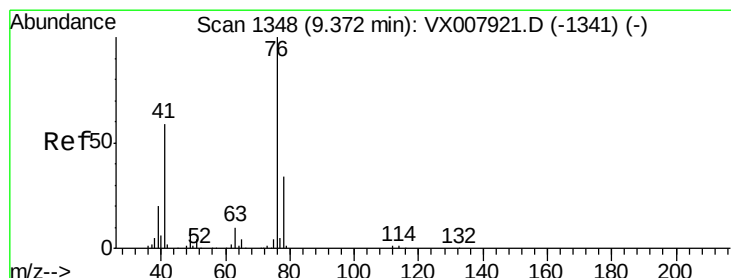
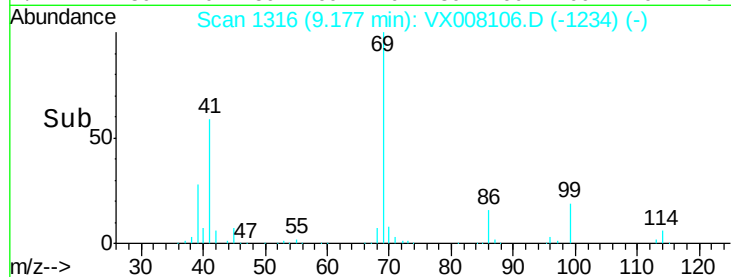
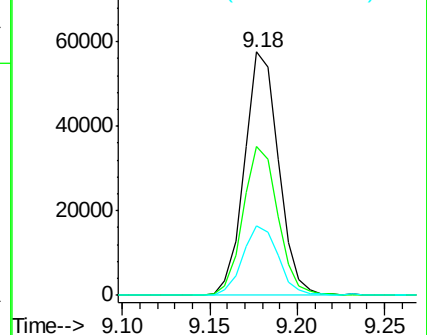
39 28.5 18.8 56.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 19.300 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008106.D

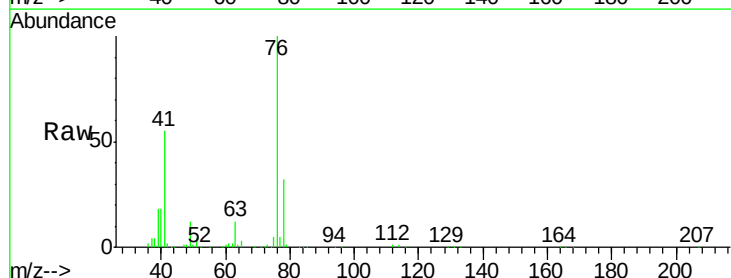
Acq: 15 Mar 2019 14:30

Tgt Ion: 76 Resp: 87738

Ion Ratio Lower Upper

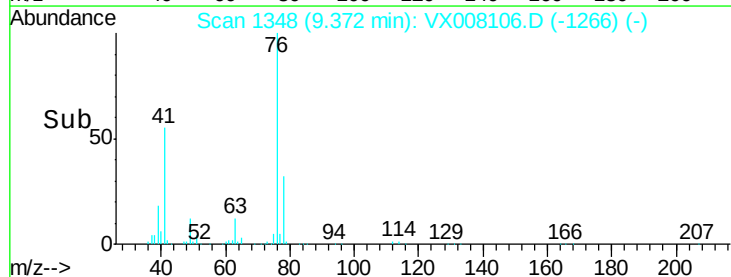
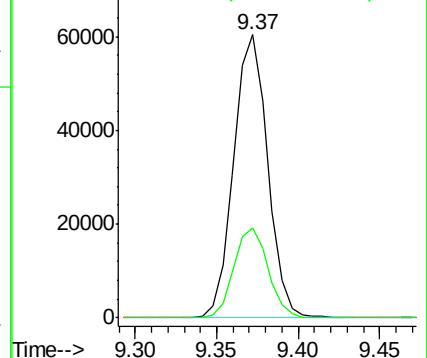
76 100

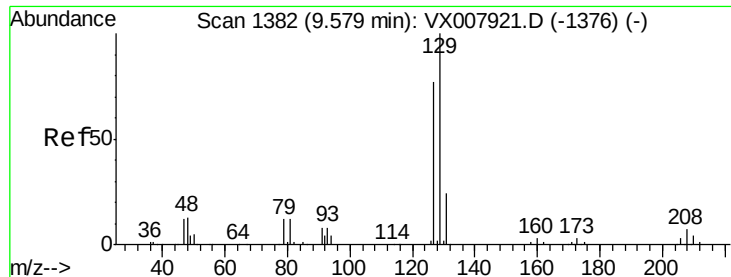
78 32.0 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.566 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

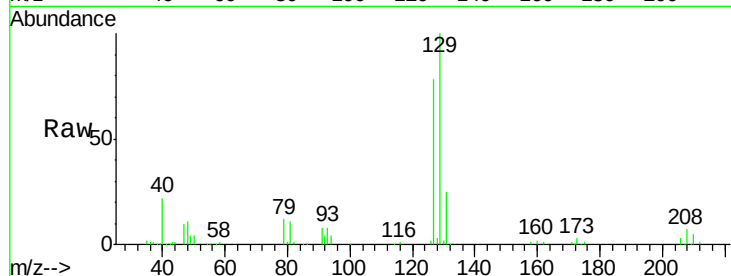
VX0315WBS01

Tot Ion:129 Resp: 55373

Ion Ratio Lower Upper

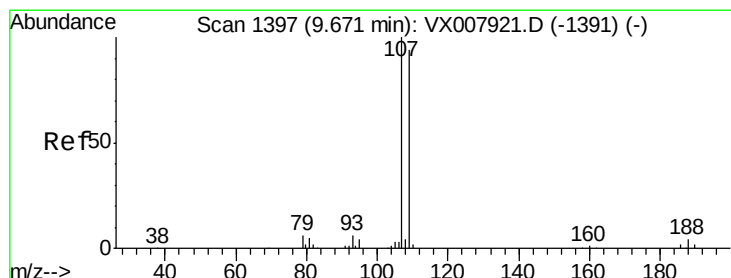
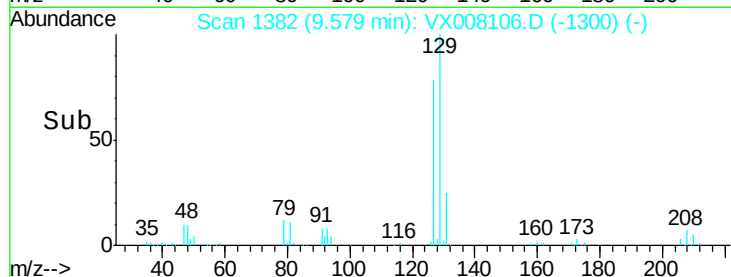
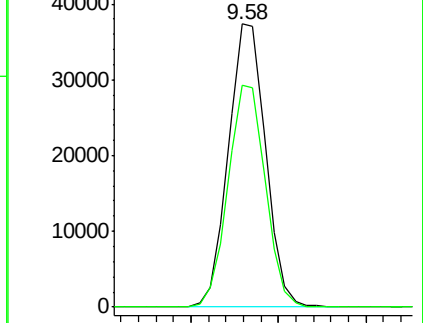
129 100

127 78.3 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.326 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008106.D

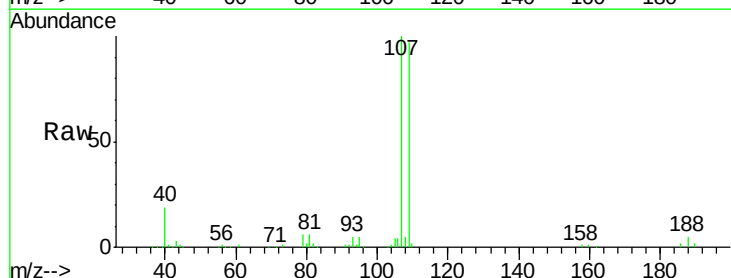
Acq: 15 Mar 2019 14:30

Tgt Ion:107 Resp: 58464

Ion Ratio Lower Upper

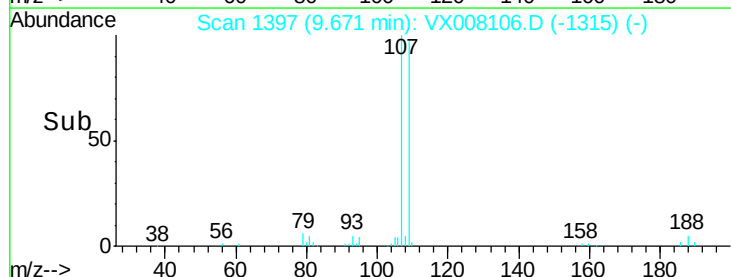
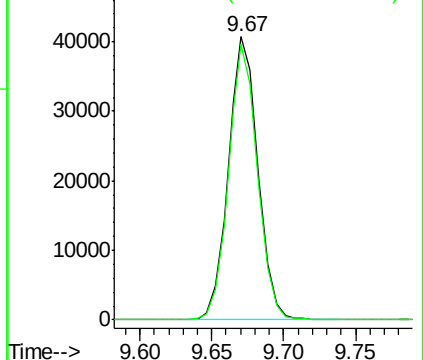
107 100

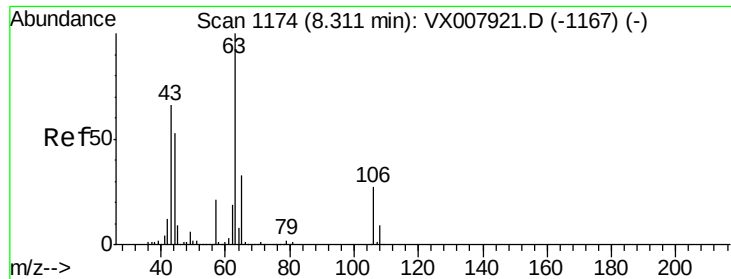
109 95.1 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

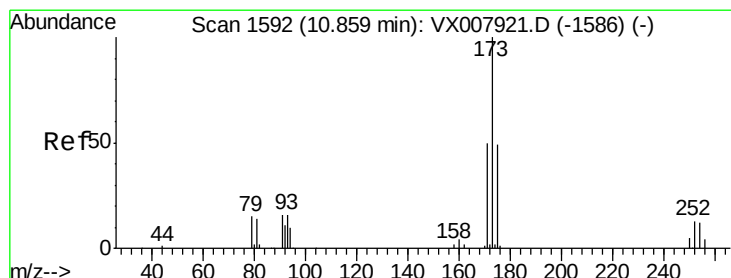
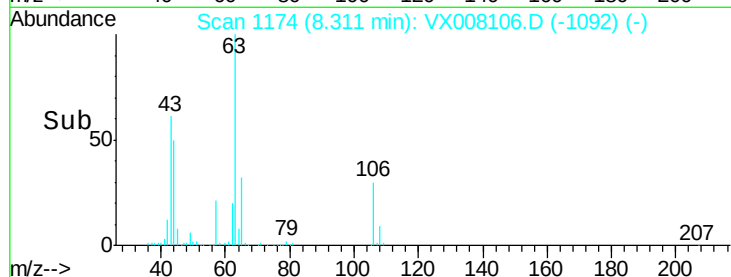
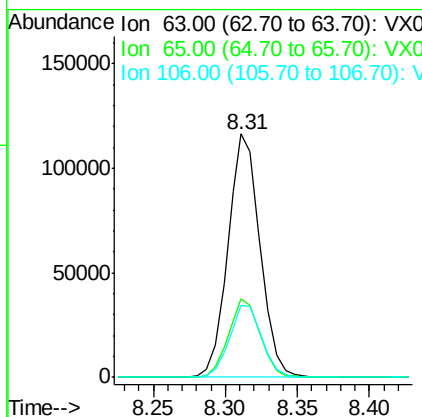
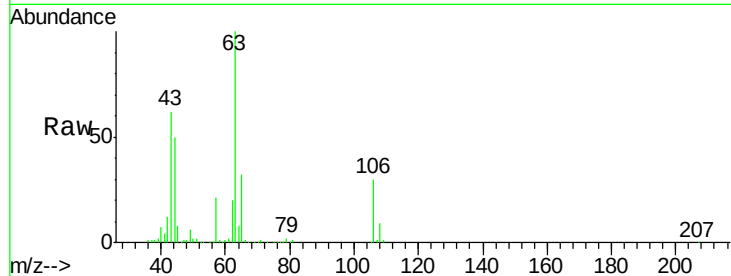




#55
 2-Chloroethyl vinyl ether
 Concen: 93.151 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

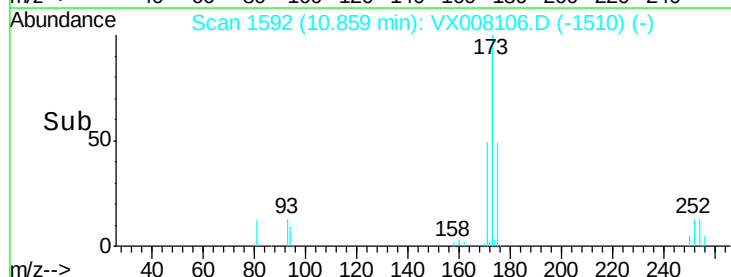
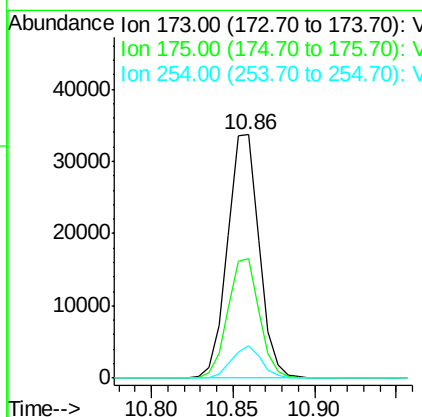
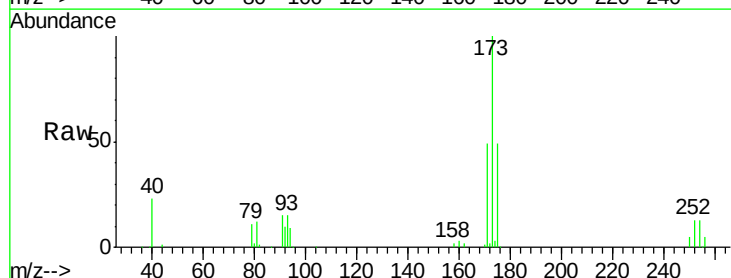
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

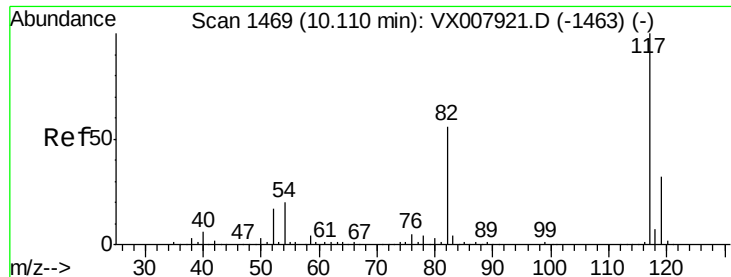
Tot Ion: 63 Resp: 180772
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.7 38.5
 106 30.1 23.7 35.5



#56
 Bromoform
 Concen: 20.104 ug/l
 RT: 10.86 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Tgt Ion: 173 Resp: 45383
 Ion Ratio Lower Upper
 173 100
 175 48.6 38.5 57.7
 254 12.2 7.4 11.2#

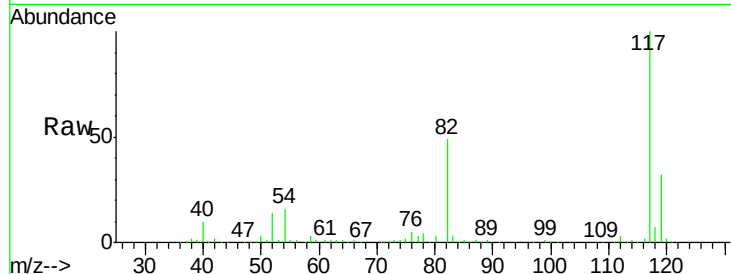




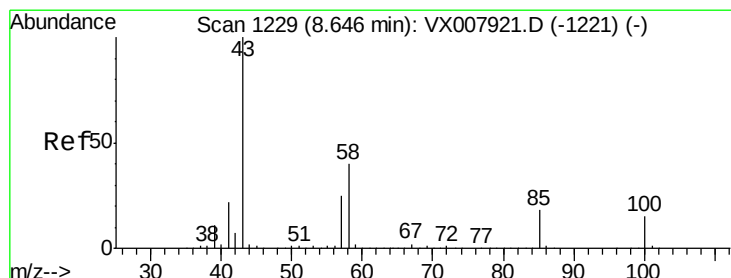
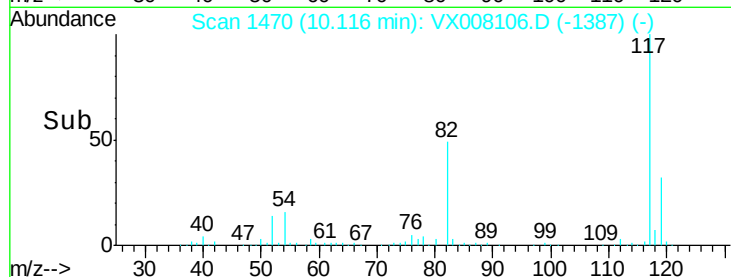
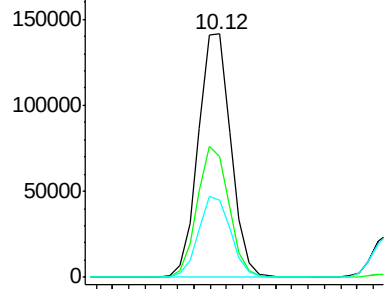
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion:117 Resp: 196441
Ion Ratio Lower Upper
117 100
82 52.4 40.4 60.6
119 32.6 25.8 38.6

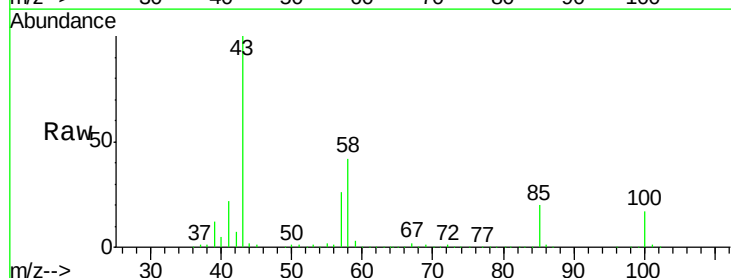


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

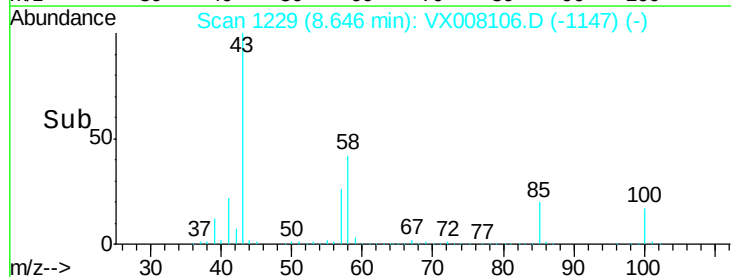
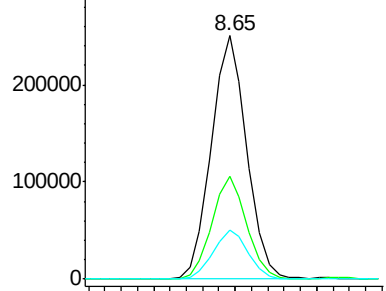


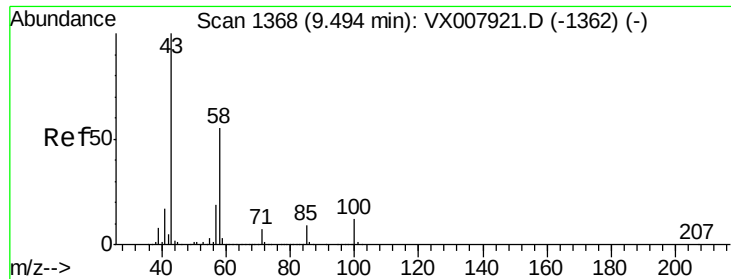
#58
4-Methyl-2-Pentanone
Concen: 93.406 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Tgt Ion: 43 Resp: 377773
Ion Ratio Lower Upper
43 100
58 41.5 31.4 47.0
85 20.2 15.0 22.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

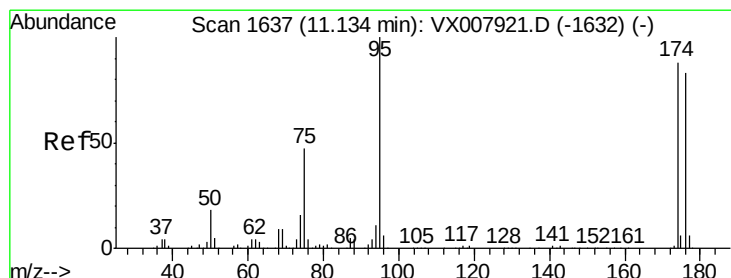
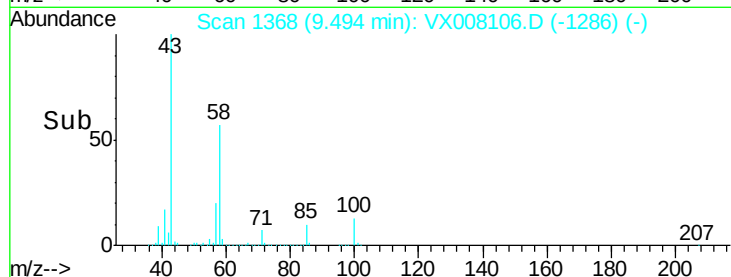
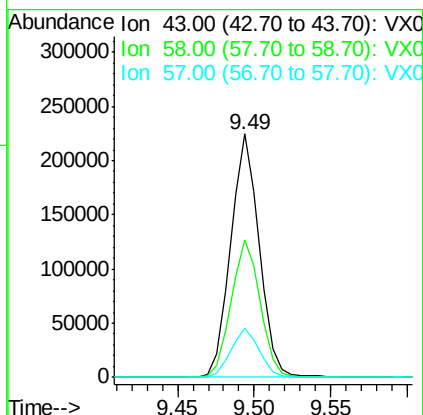
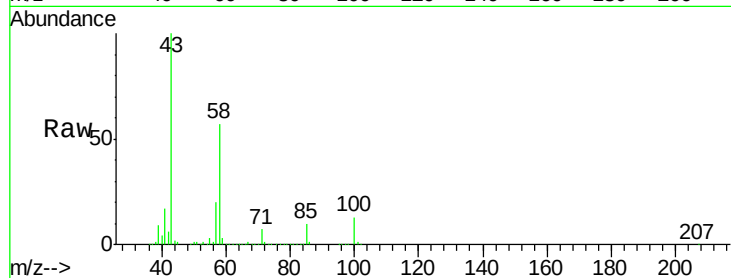




#59
2-Hexanone
Concen: 90.908 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

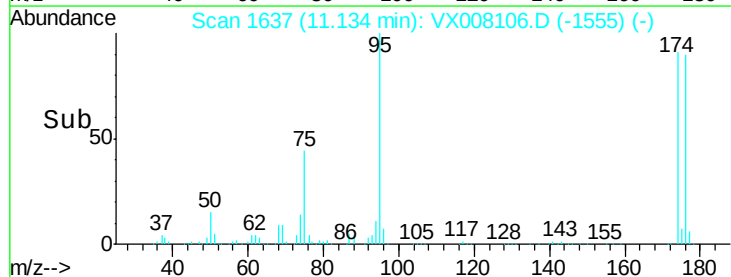
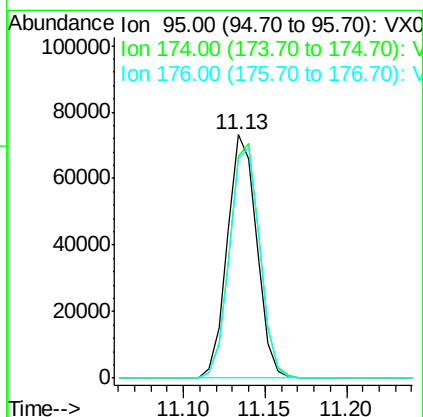
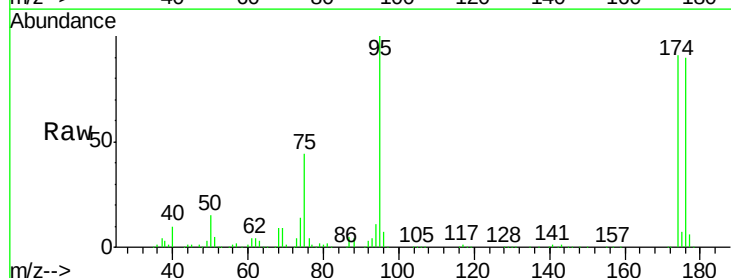
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

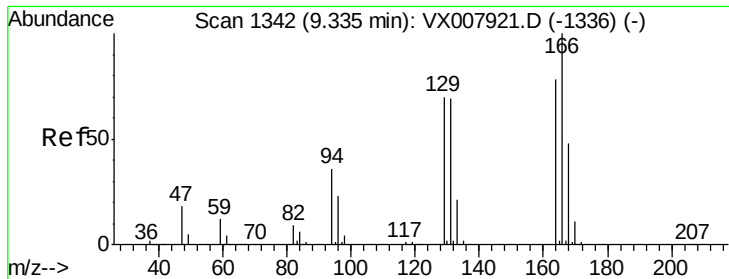
Tot Ion	Ratio	Lower	Upper
43	100		
58	57.6	43.9	65.9
57	20.2	14.9	22.3



#60
4-Bromofluorobenzene
Concen: 29.316 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	98.3	74.9	112.3
176	96.9	70.7	106.1





#61

Tetrachloroethene

Concen: 21.873 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

Tot Ion:164 Resp: 62679

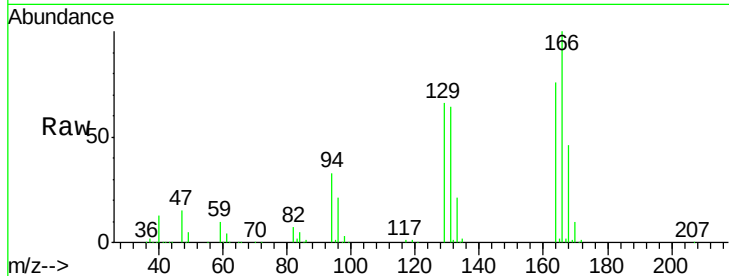
Ion Ratio Lower Upper

164 100

166 130.7 103.9 155.9

129 86.6 74.7 112.1

131 84.2 71.7 107.5

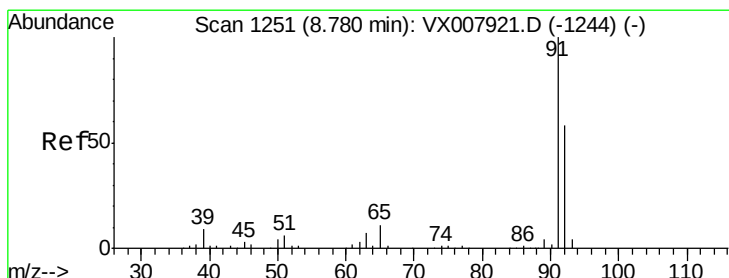
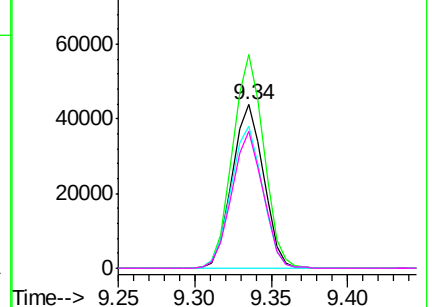
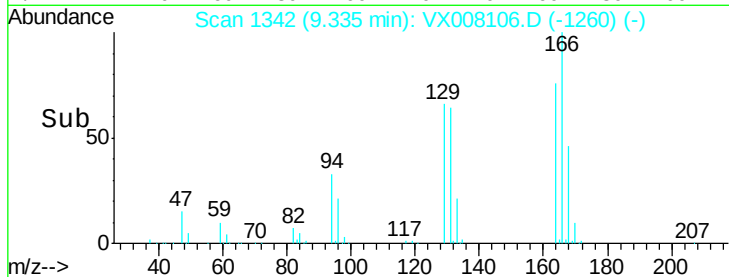


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.642 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX008106.D

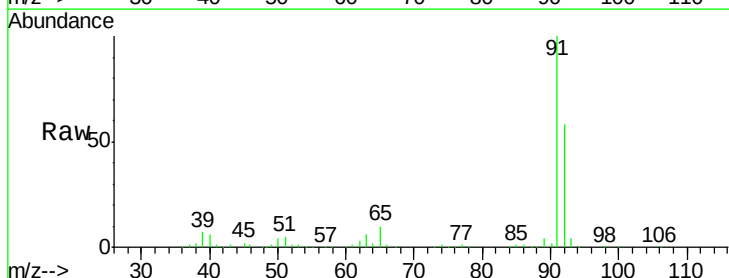
Acq: 15 Mar 2019 14:30

Tgt Ion: 91 Resp: 225302

Ion Ratio Lower Upper

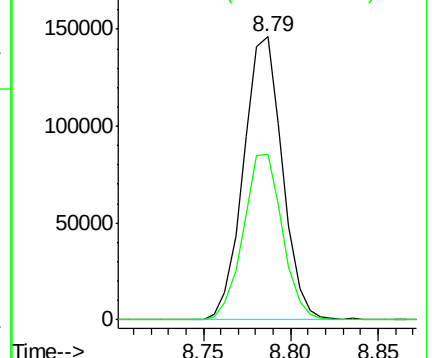
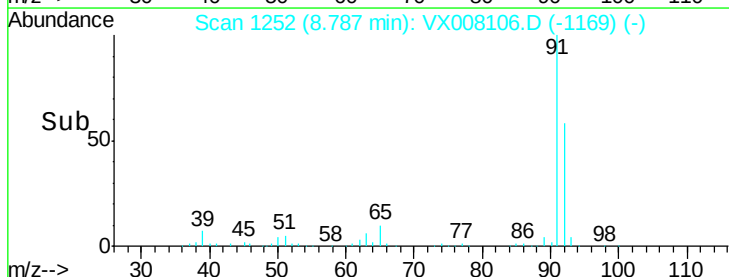
91 100

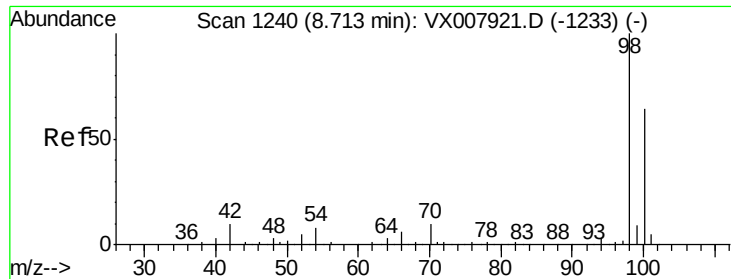
92 58.8 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.814 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

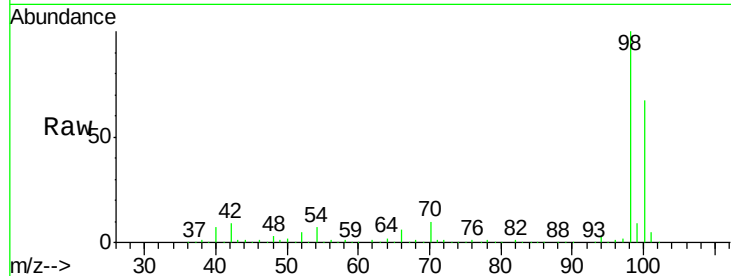
VX0315WBS01

Tot Ion: 98 Resp: 268025

Ion Ratio Lower Upper

98 100

100 65.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

200000

150000

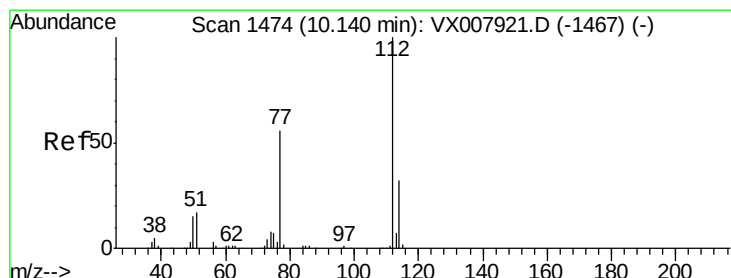
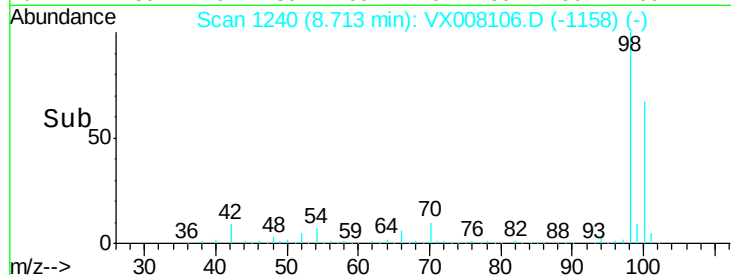
100000

50000

0

8.65 8.70 8.75 8.80

Time-->



#64

Chlorobenzene

Concen: 20.272 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX008106.D

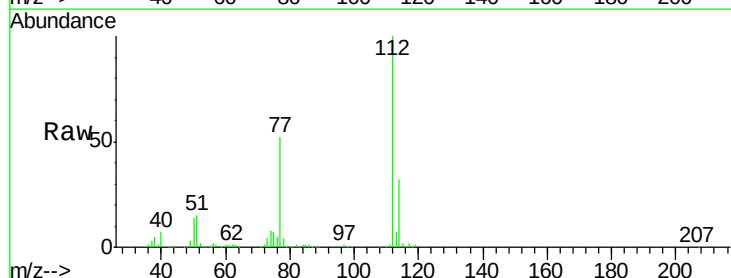
Acq: 15 Mar 2019 14:30

Tgt Ion: 112 Resp: 148203

Ion Ratio Lower Upper

112 100

114 31.6 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

120000

100000

80000

60000

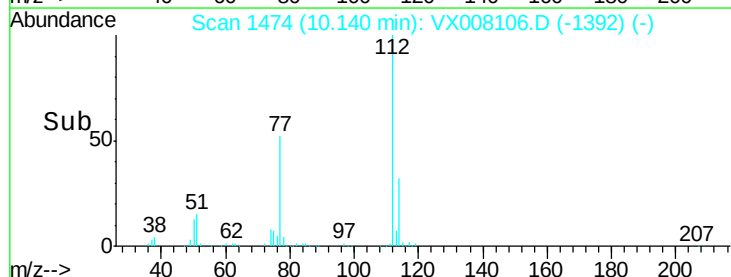
40000

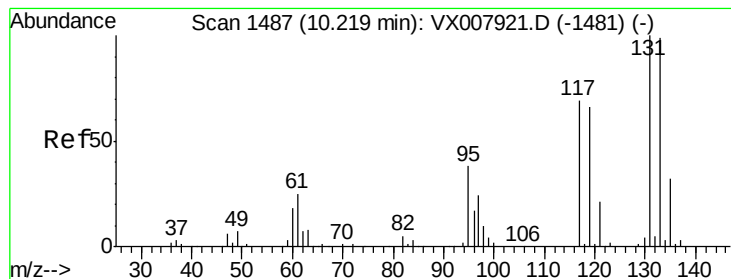
20000

0

10.05 10.10 10.15 10.20

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 20.836 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

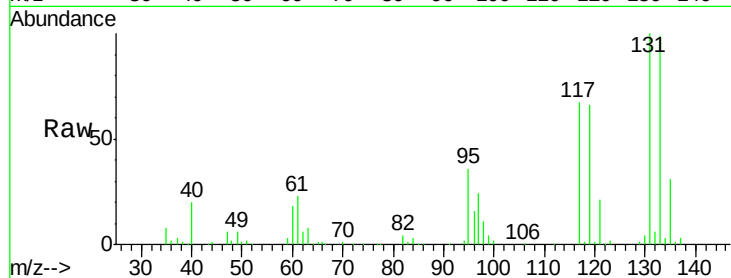
Tot Ion:131 Resp: 54539

Ion Ratio Lower Upper

131 100

133 96.9 0.0 191.6

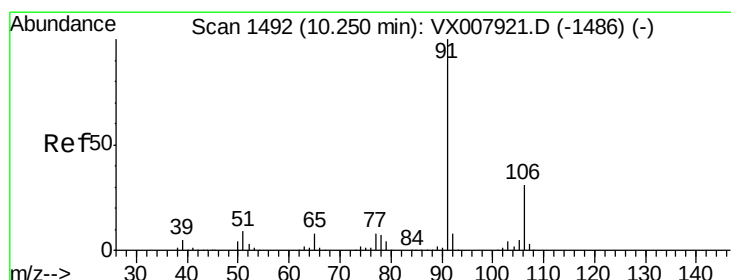
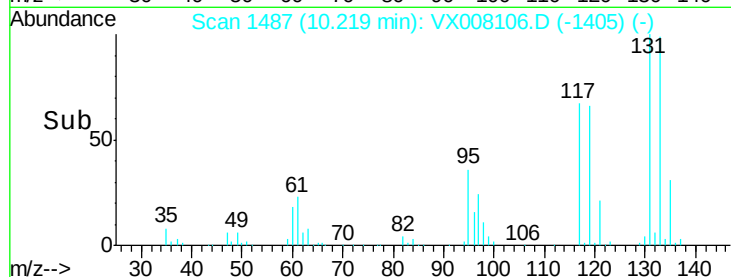
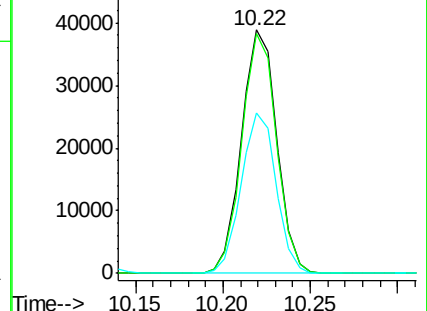
119 65.5 0.0 127.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.482 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008106.D

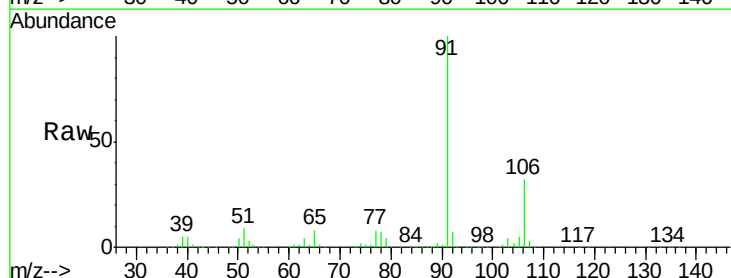
Acq: 15 Mar 2019 14:30

Tgt Ion: 91 Resp: 240028

Ion Ratio Lower Upper

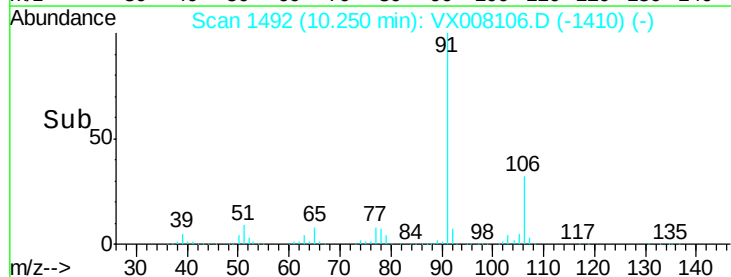
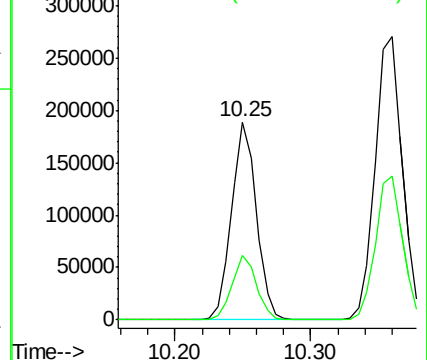
91 100

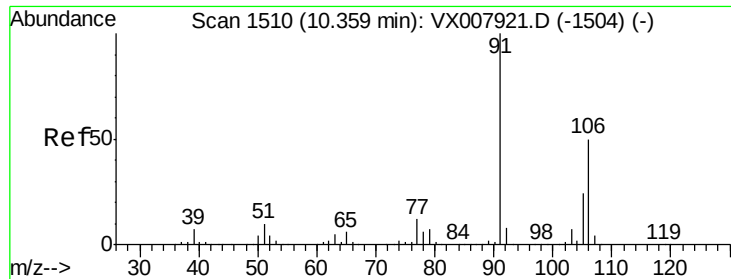
106 32.4 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

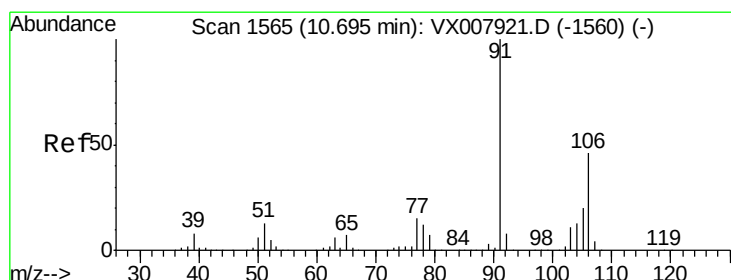
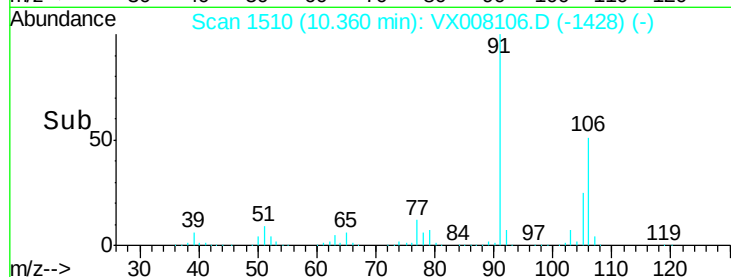
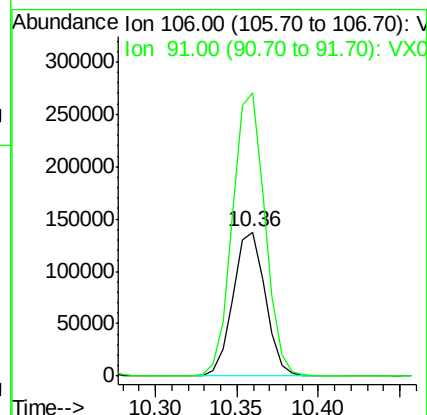
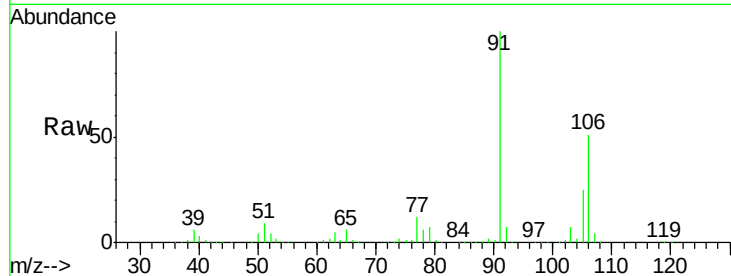




#67
m/p-Xylenes
Concen: 40.149 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

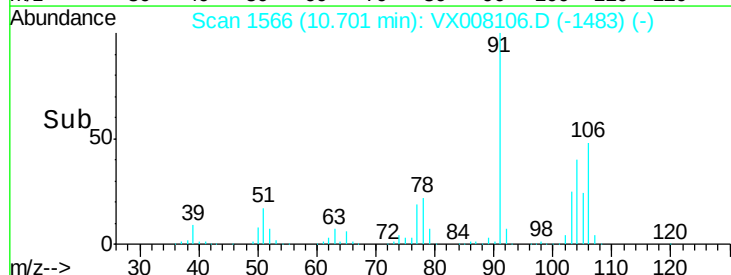
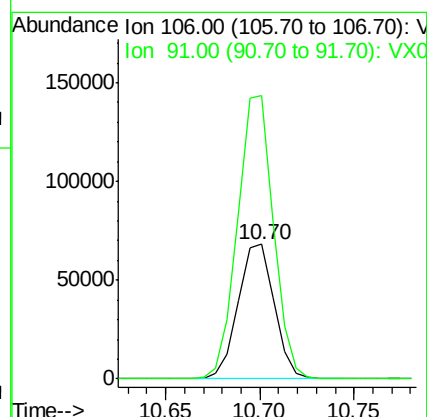
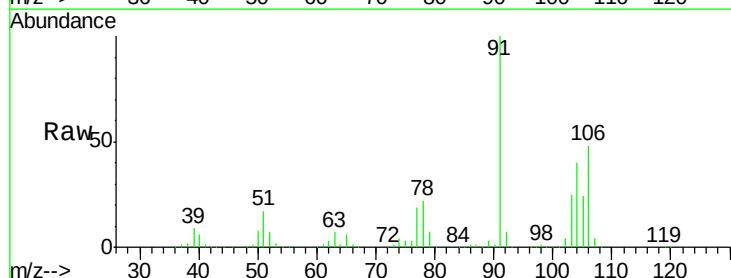
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

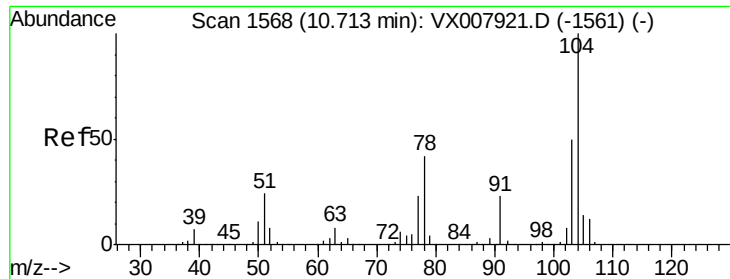
Tot Ion:106 Resp: 189679
Ion Ratio Lower Upper
106 100
91 196.5 157.0 235.4



#68
o-Xylene
Concen: 19.780 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Tgt Ion:106 Resp: 90743
Ion Ratio Lower Upper
106 100
91 209.7 104.4 313.2

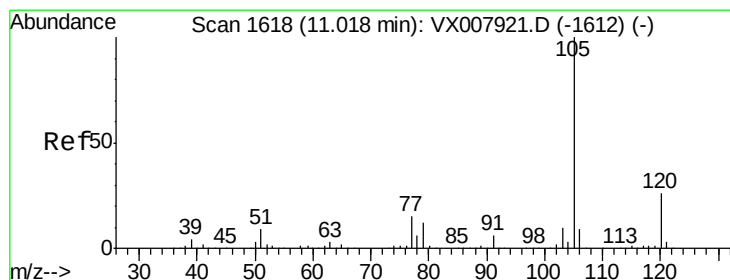
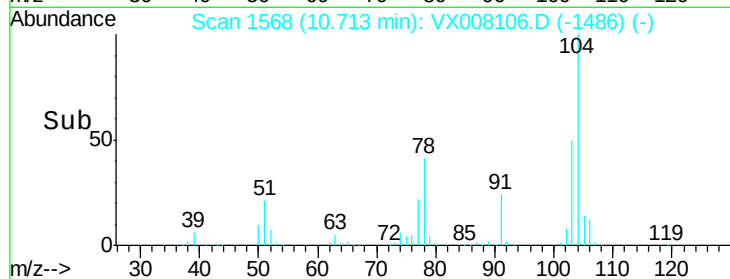
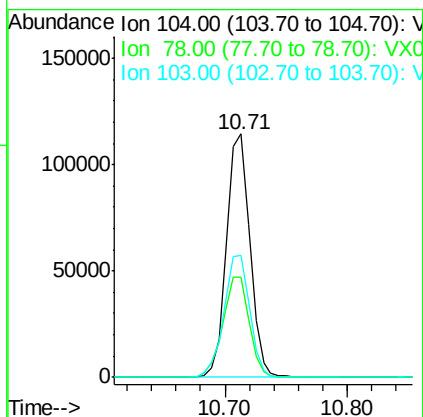
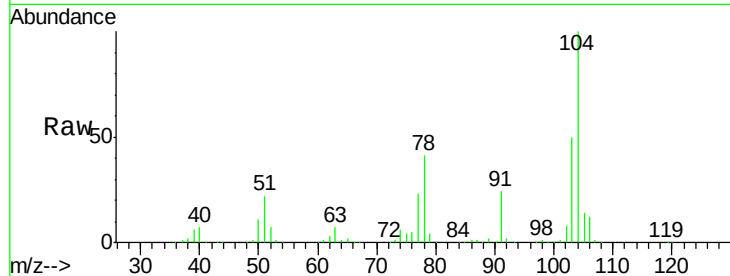




#69
Stvrene
Concen: 20.058 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

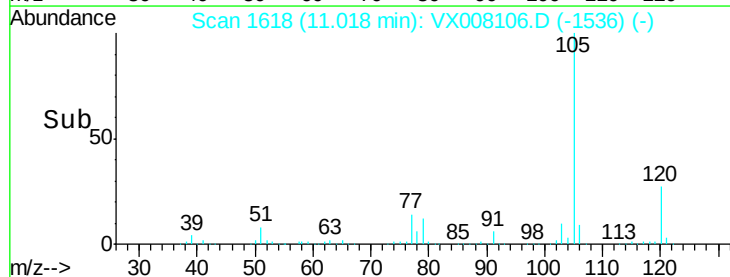
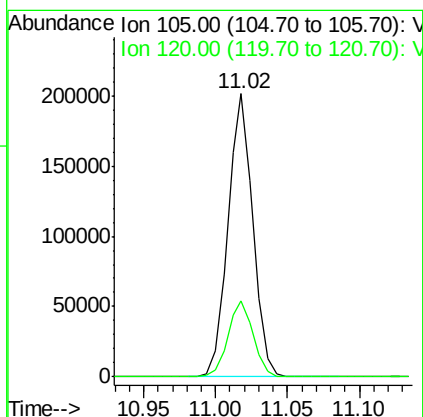
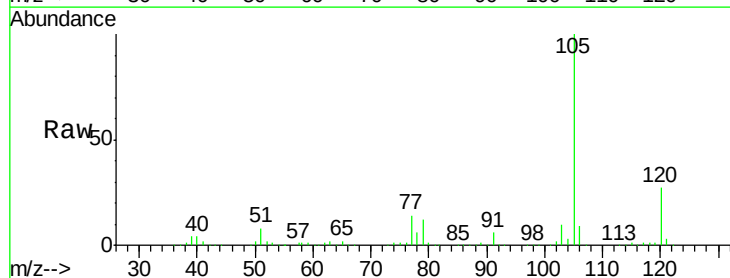
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

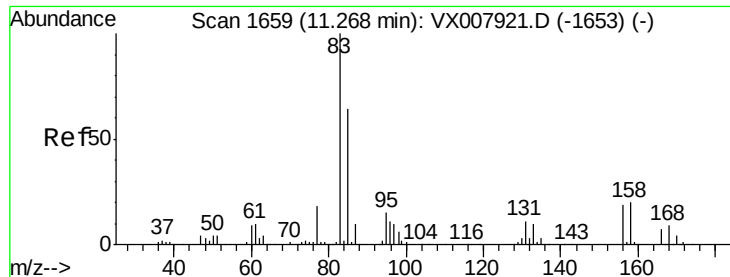
Tot Ion:104 Resp: 151612
Ion Ratio Lower Upper
104 100
78 46.6 38.2 57.2
103 55.2 45.0 67.4



#70
Isopropylbenzene
Concen: 19.957 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Tgt Ion:105 Resp: 244636
Ion Ratio Lower Upper
105 100
120 27.3 19.8 36.8

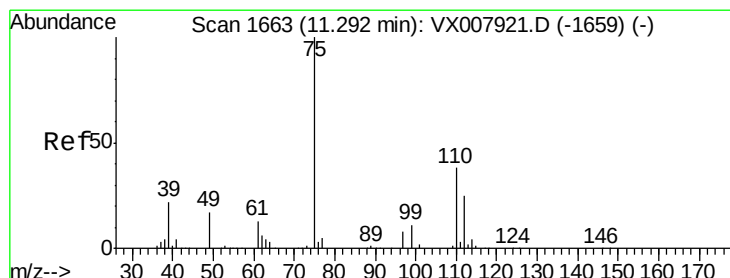
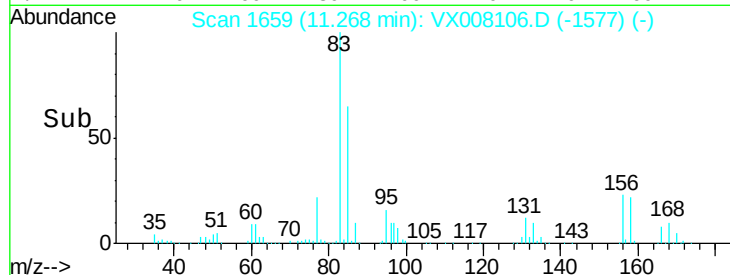
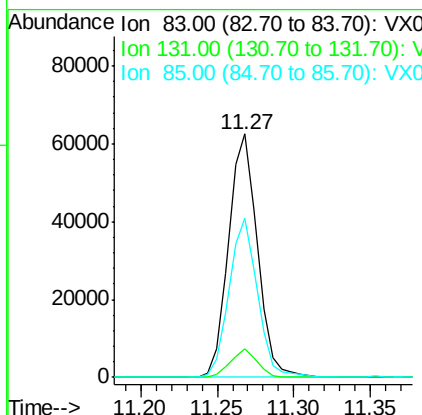
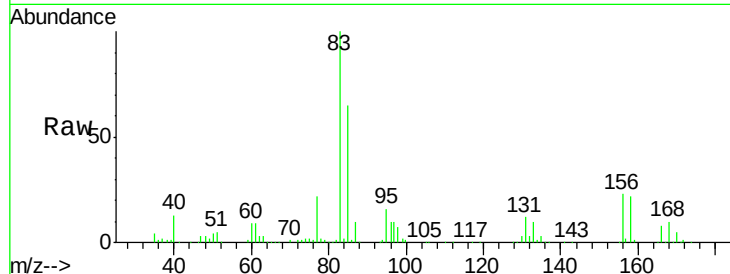




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.164 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

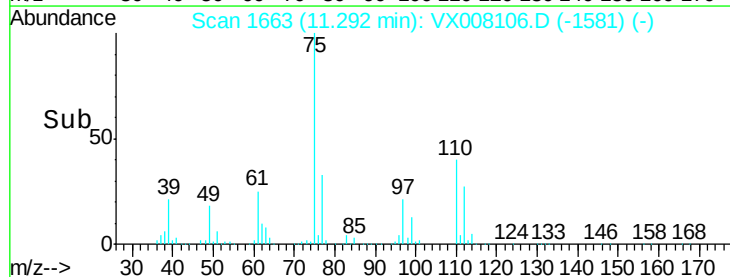
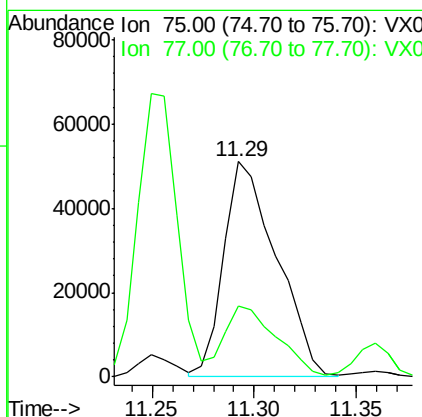
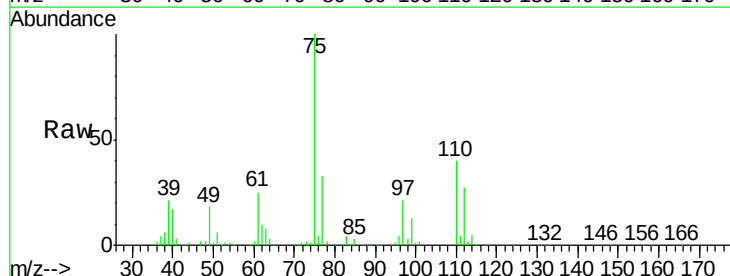
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

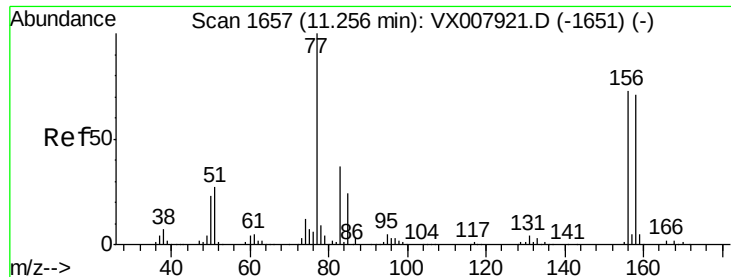
Tot Ion: 83 Resp: 81634
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.4 16.2
 85 64.8 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 24.145 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Tgt Ion: 75 Resp: 92141
 Ion Ratio Lower Upper
 75 100
 77 32.9 0.0 76.4





#73

Bromobenzene

Concen: 20.799 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

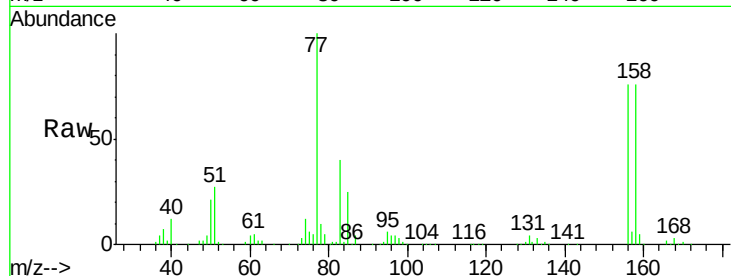
Tot Ion:156 Resp: 67783

Ion Ratio Lower Upper

156 100

77 133.7 0.0 271.4

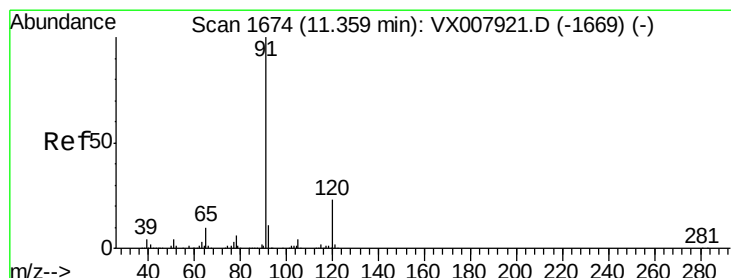
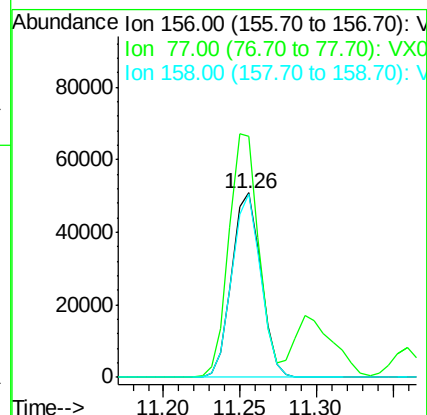
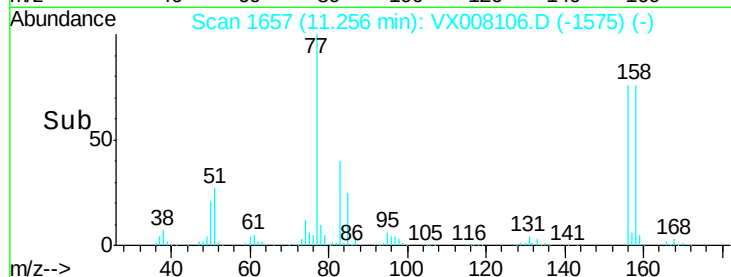
158 97.9 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.358 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008106.D

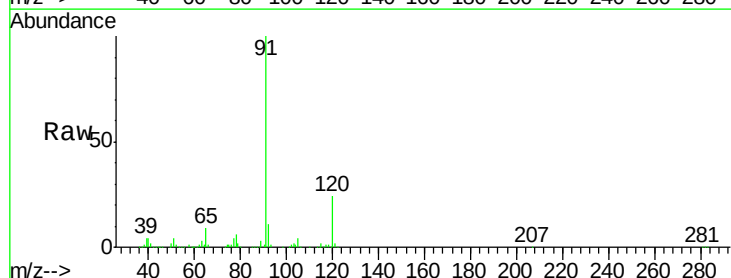
Acq: 15 Mar 2019 14:30

Tgt Ion: 91 Resp: 267670

Ion Ratio Lower Upper

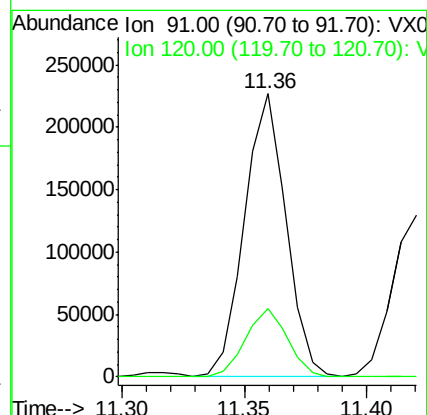
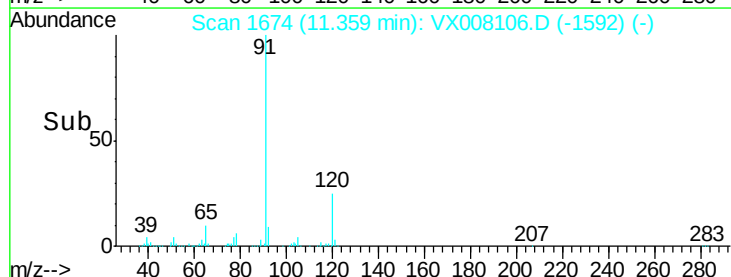
91 100

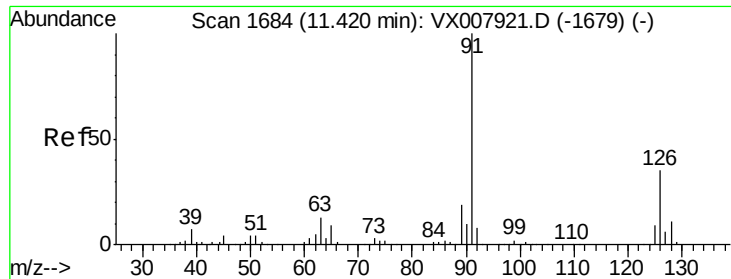
120 24.2 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.584 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampled :

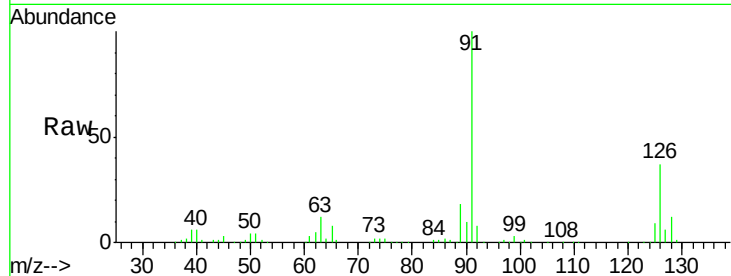
VX0315WBS01

Tot Ion: 91 Resp: 162312

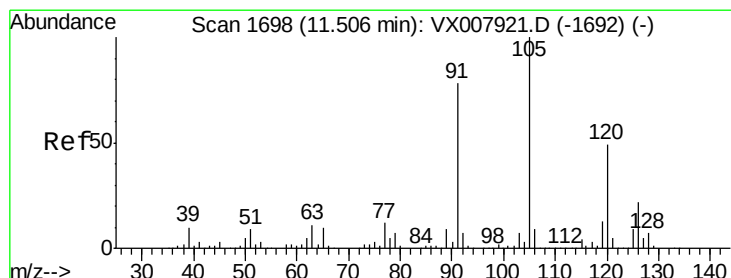
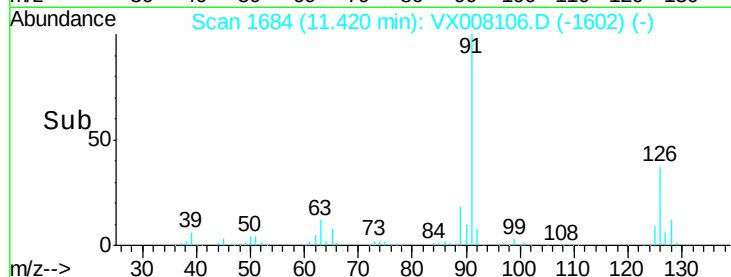
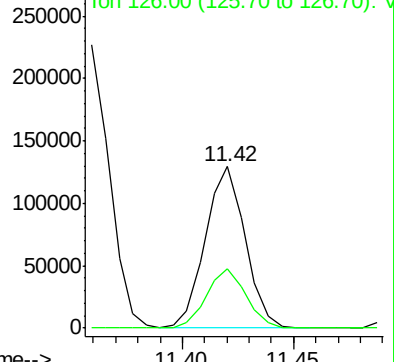
Ion Ratio Lower Upper

91 100

126 36.1 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX007921.D (-1679) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.117 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008106.D

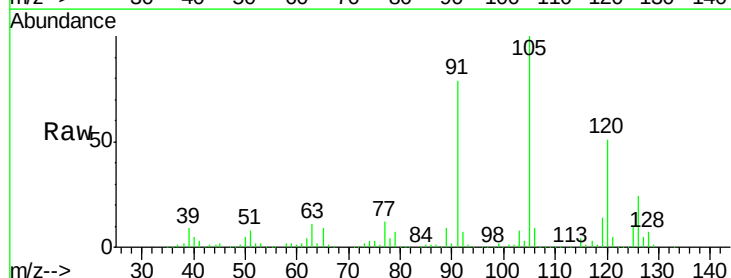
Acq: 15 Mar 2019 14:30

Tgt Ion: 105 Resp: 204377

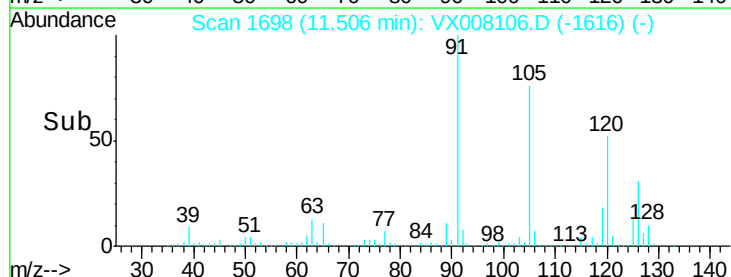
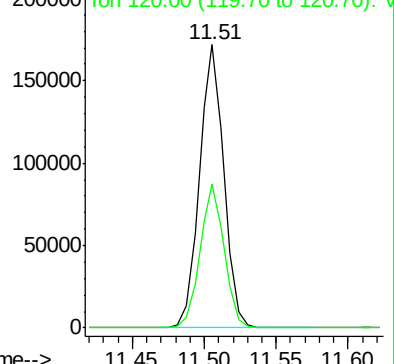
Ion Ratio Lower Upper

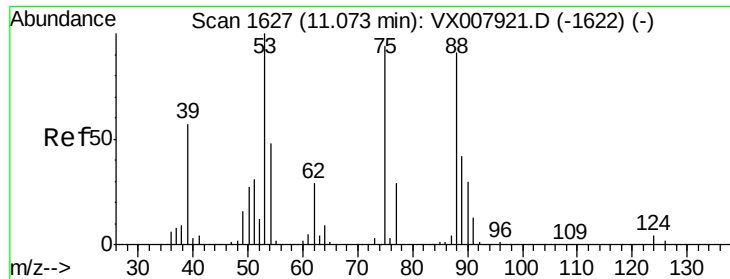
105 100

120 49.9 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): VX007921.D (-1692) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 18.894 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampled :

VX0315WBS01

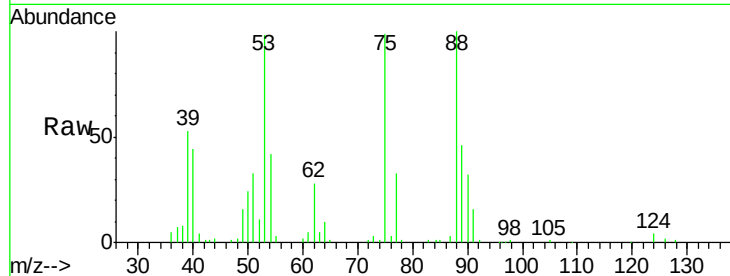
Tot Ion: 75 Resp: 22278

Ion Ratio Lower Upper

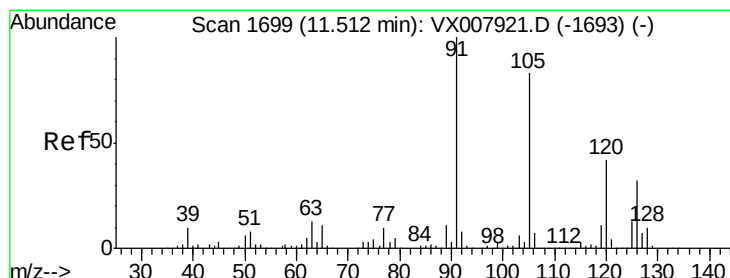
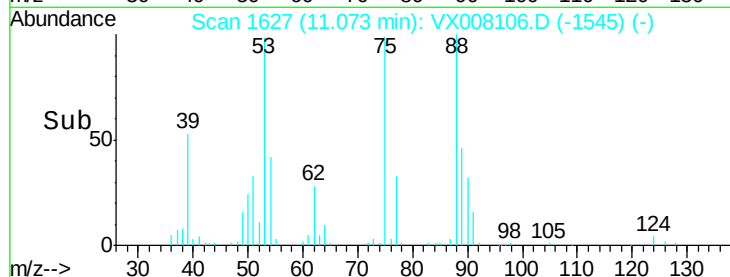
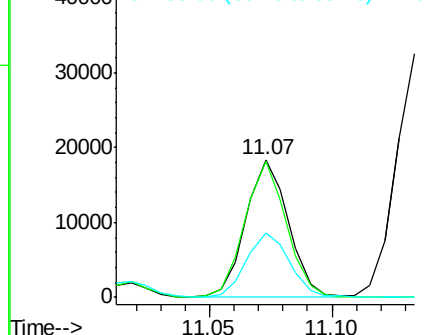
75 100

53 98.2 55.5 166.7

89 46.5 24.4 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.609 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008106.D

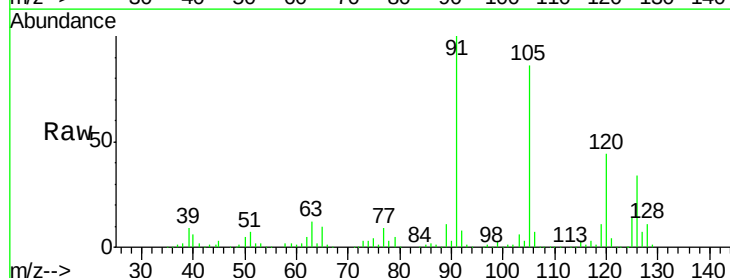
Acq: 15 Mar 2019 14:30

Tgt Ion: 91 Resp: 183744

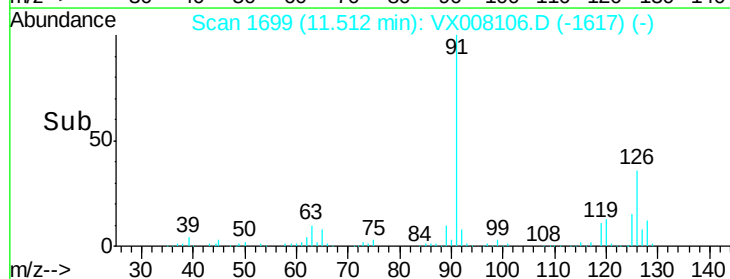
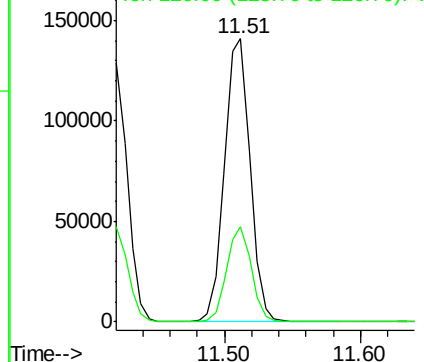
Ion Ratio Lower Upper

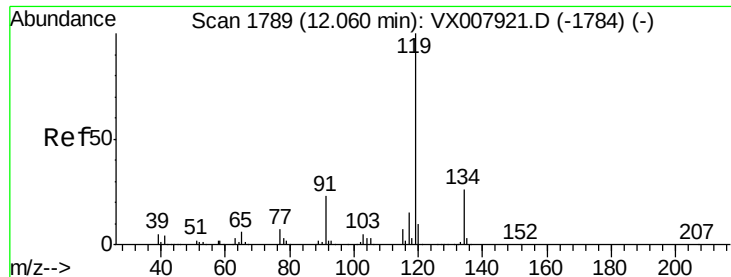
91 100

126 32.2 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V

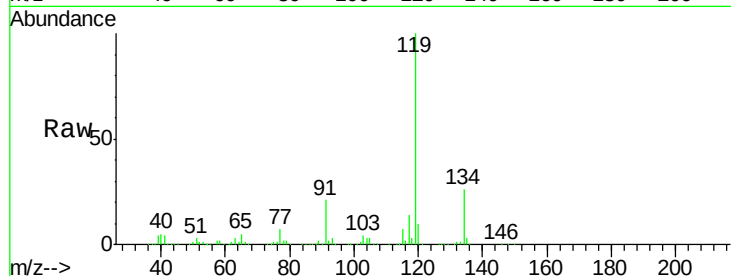




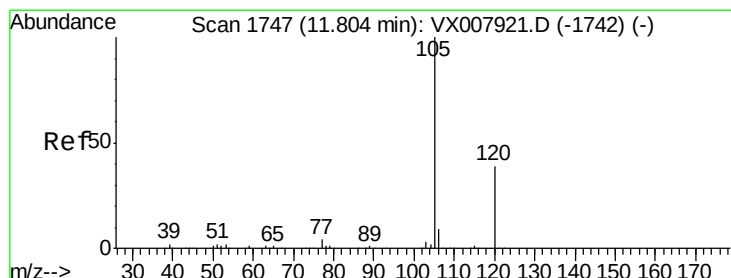
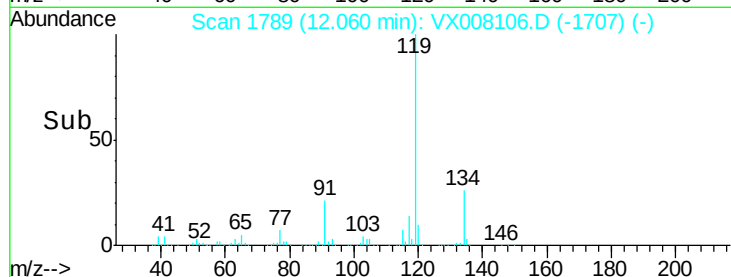
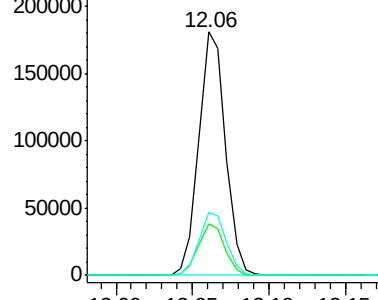
#79
tert-butylbenzene
Concen: 20.012 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	21.0	0.0	45.0
134	26.3	0.0	55.4

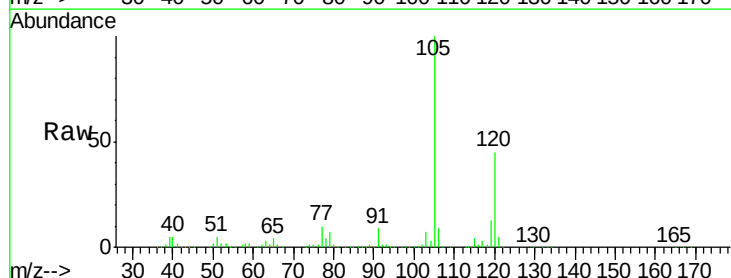


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

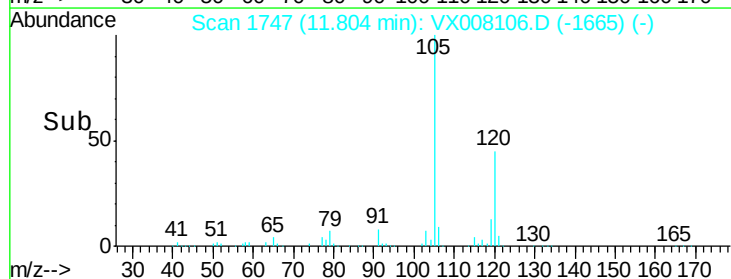
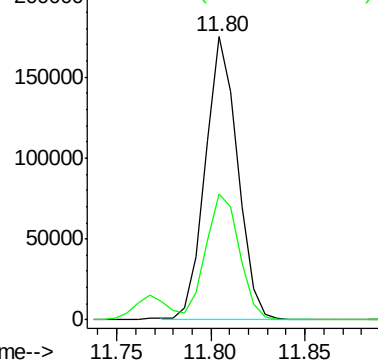


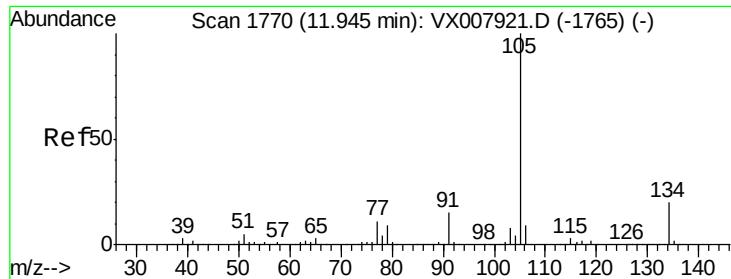
#80
1,2,4-Trimethylbenzene
Concen: 20.194 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	0.0	94.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 19.644 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampled :

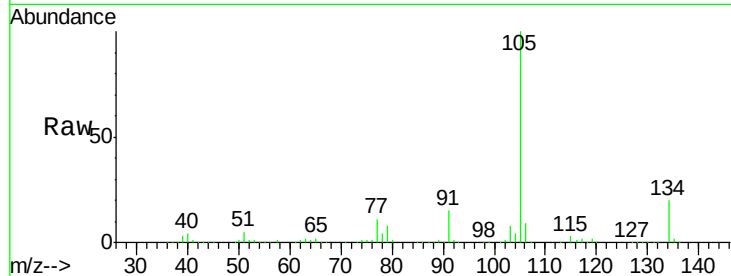
VX0315WBS01

Tot Ion:105 Resp: 239878

Ion Ratio Lower Upper

105 100

134 20.7 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

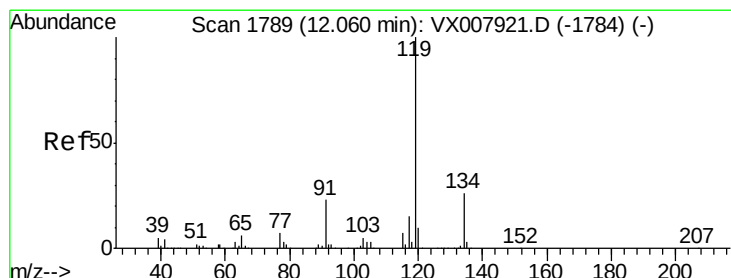
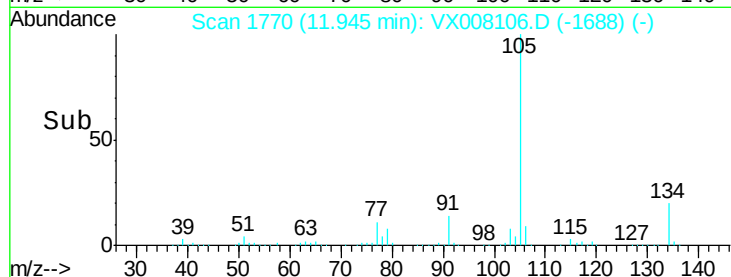
100000

50000

0

11.90 11.95 12.00

Time-->



#82

p-Isopropyltoluene

Concen: 20.012 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

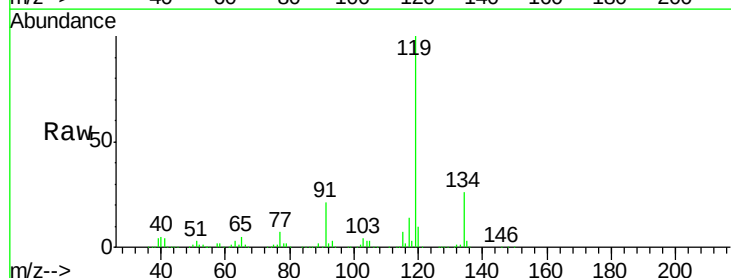
Tgt Ion:119 Resp: 218174

Ion Ratio Lower Upper

119 100

134 26.3 0.0 55.4

91 21.0 0.0 45.0



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): V

250000

200000

150000

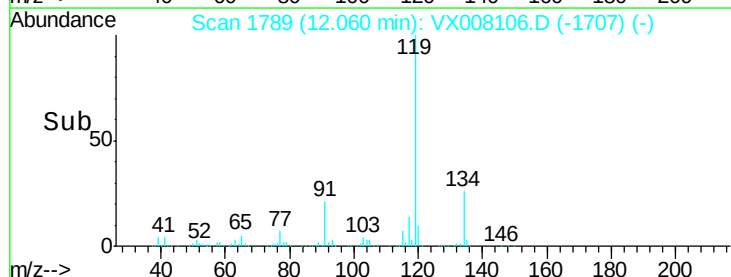
100000

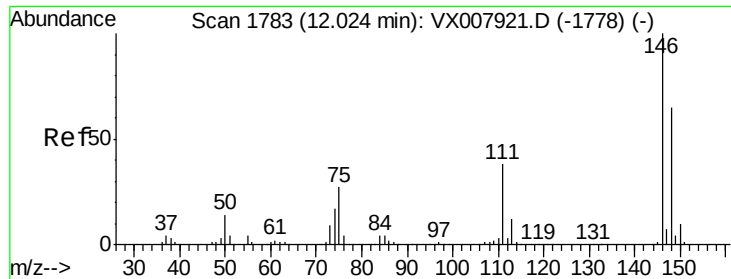
50000

0

12.00 12.05 12.10 12.15

Time-->

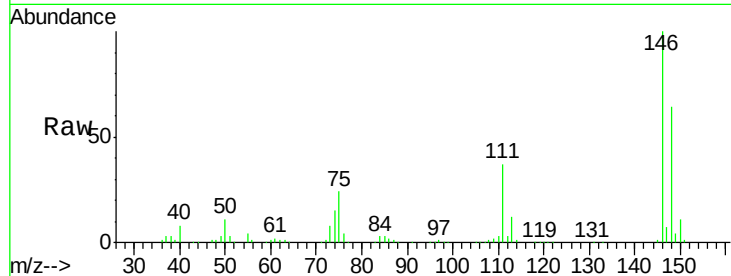




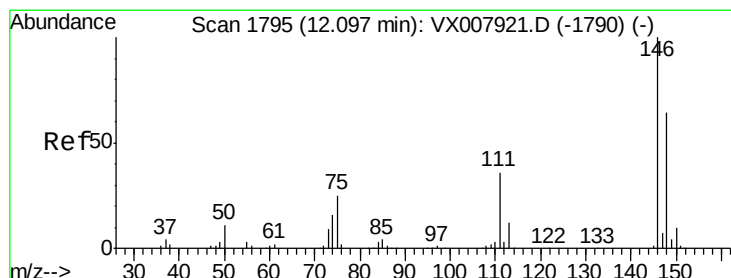
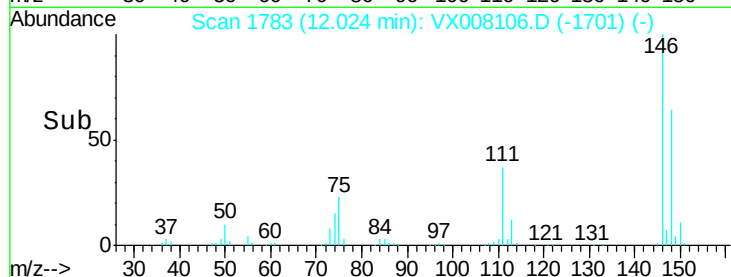
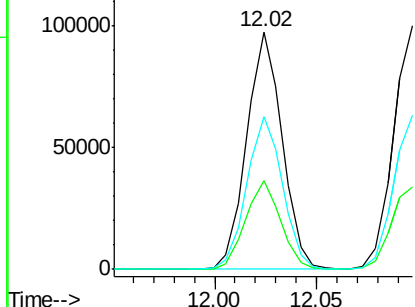
#83
 1,3-Dichlorobenzene
 Concen: 20.312 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Instrument :
 MSVOA_X
 ClientSampled :
 VX0315WBS01

Tot Ion:146 Resp: 117858
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.8 56.3
 148 64.7 30.6 91.8

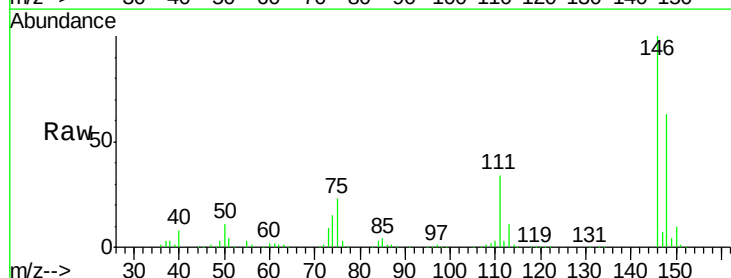


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

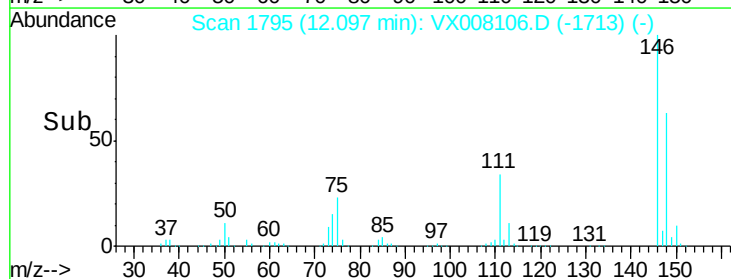
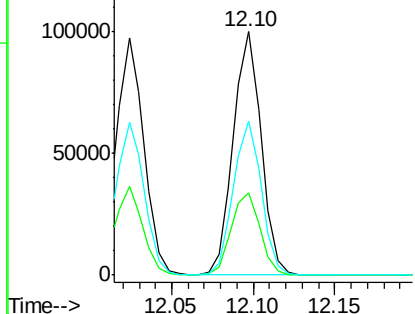


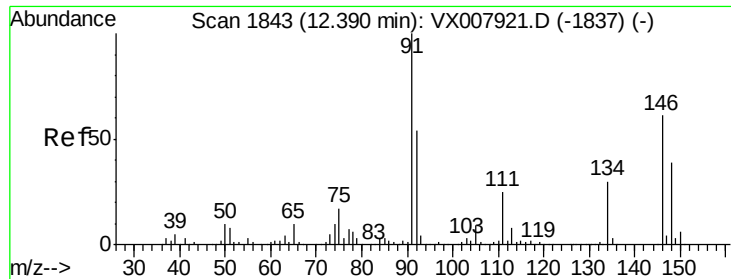
#84
 1,4-Dichlorobenzene
 Concen: 20.575 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Tgt Ion:146 Resp: 119442
 Ion Ratio Lower Upper
 146 100
 111 34.7 17.6 52.8
 148 63.6 31.4 94.2



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 18.340 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampled :

VX0315WBS01

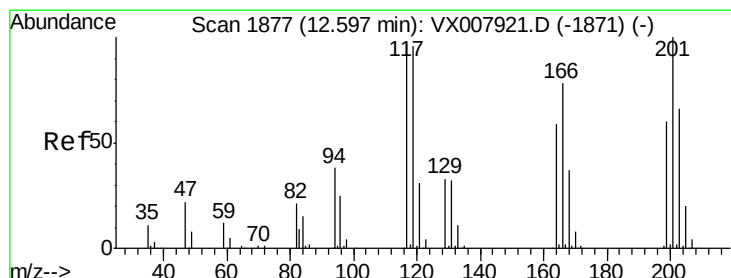
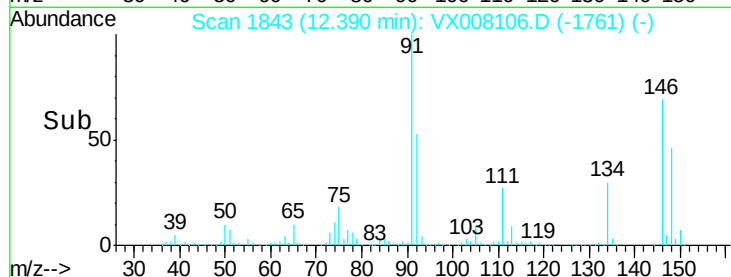
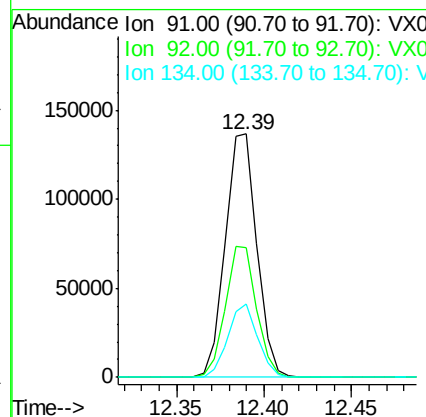
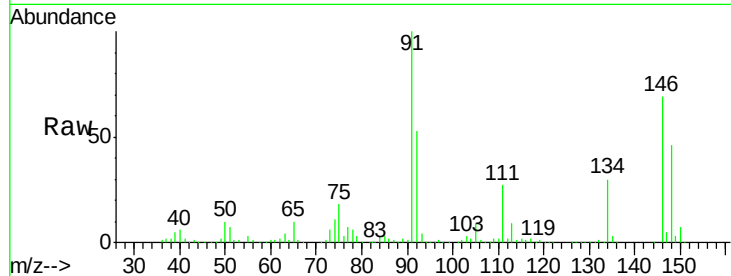
Tot Ion: 91 Resp: 171000

Ion Ratio Lower Upper

91 100

92 53.2 0.0 105.2

134 28.5 0.0 56.4



#86

Hexachloroethane

Concen: 19.006 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX008106.D

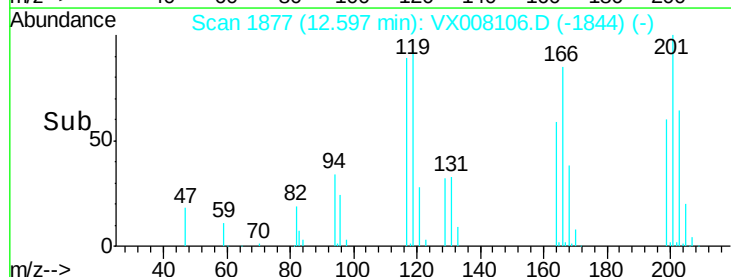
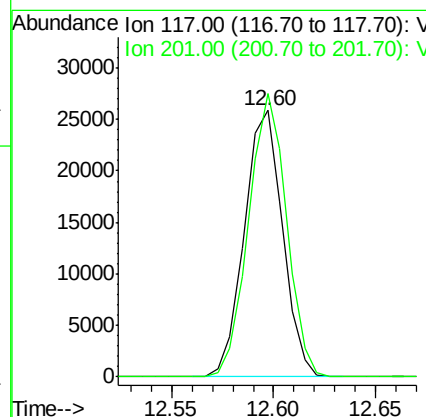
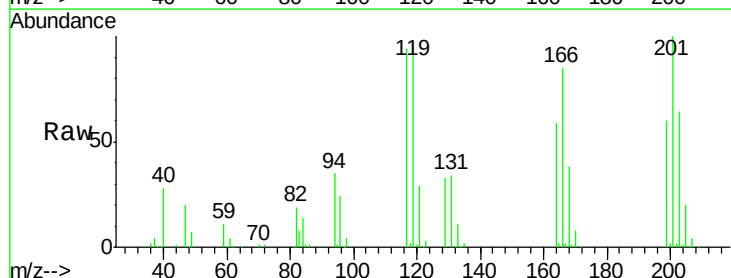
Acq: 15 Mar 2019 14:30

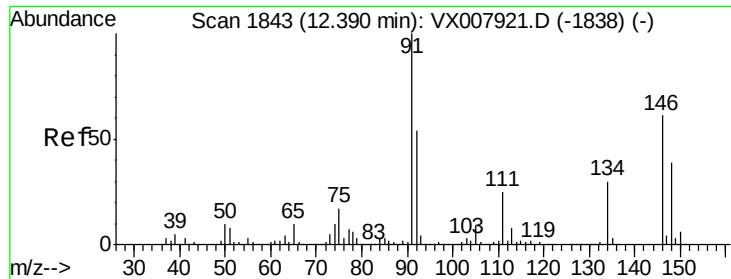
Tgt Ion: 117 Resp: 33761

Ion Ratio Lower Upper

117 100

201 105.3 41.1 123.3

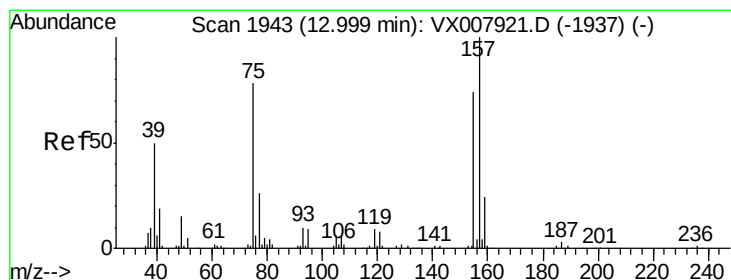
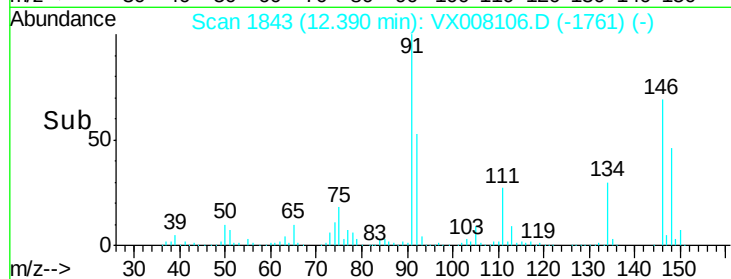
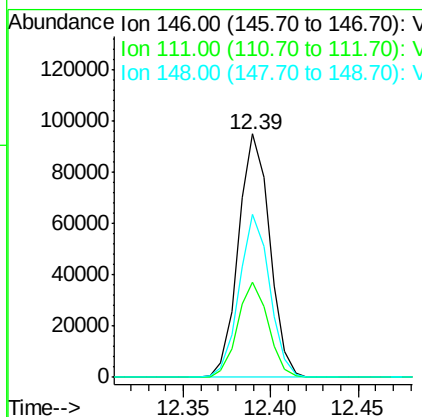
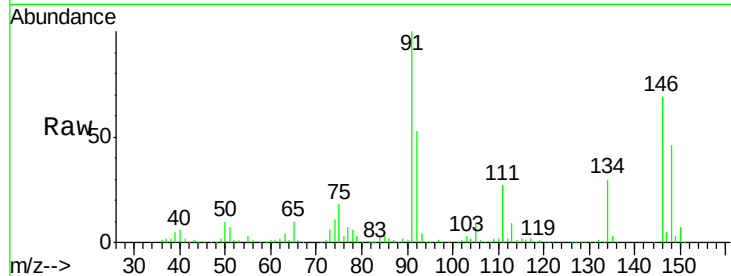




#87
 1,2-Dichlorobenzene
 Concen: 20.689 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

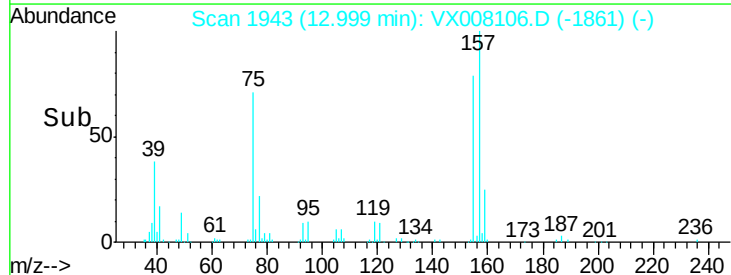
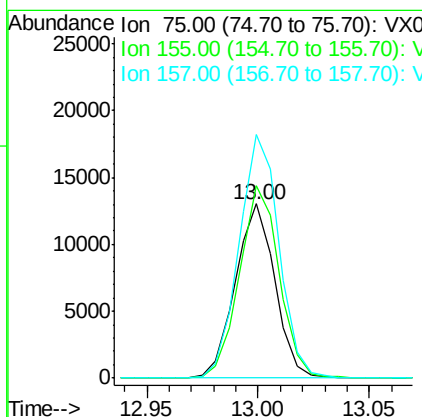
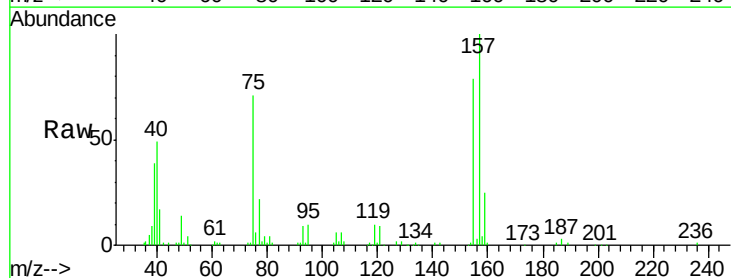
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

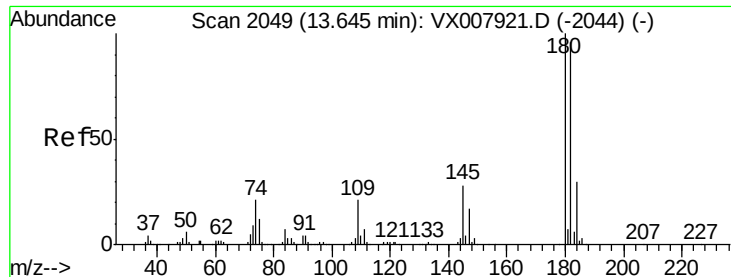
Tot Ion:146 Resp: 118637
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.3 57.8
 148 65.0 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.496 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Tgt Ion: 75 Resp: 16123
 Ion Ratio Lower Upper
 75 100
 155 111.4 81.0 121.6
 157 141.6 103.2 154.8

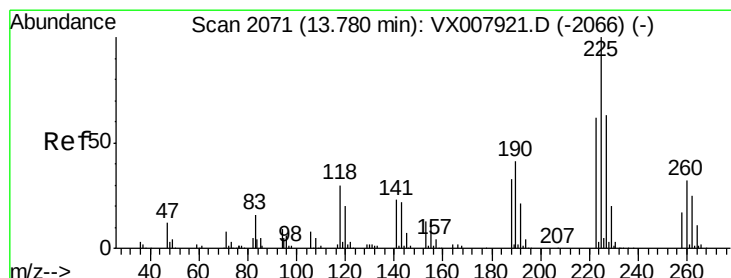
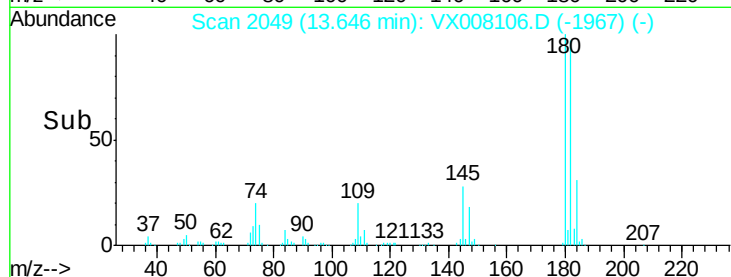
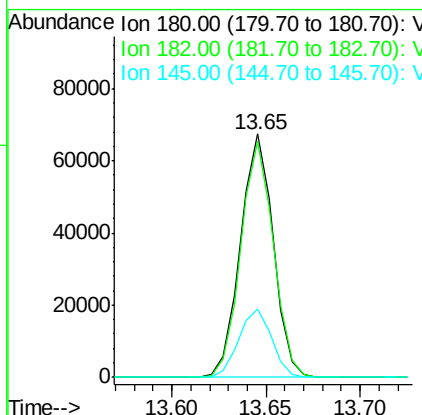
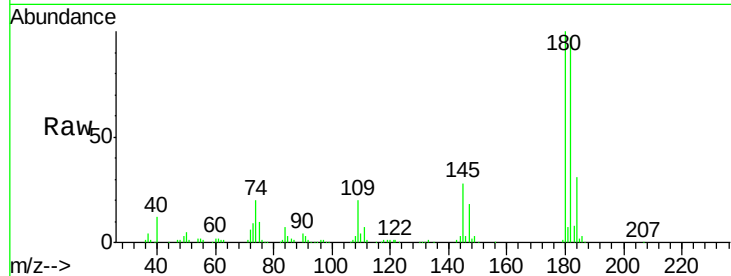




#89
 1,2,4-Trichlorobenzene
 Concen: 19.706 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

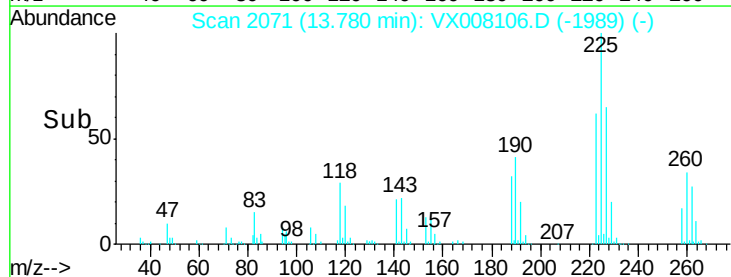
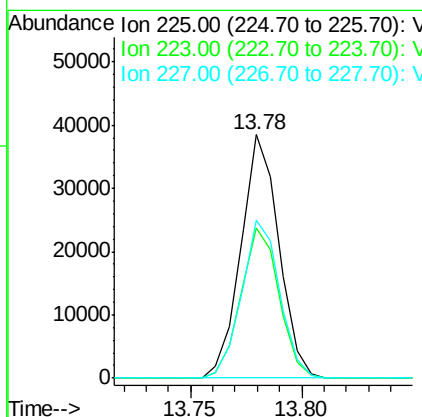
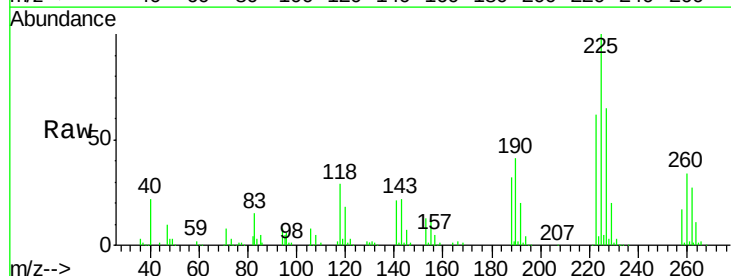
Instrument :
 MSVOA_X
 ClientSampled :
 VX0315WBS01

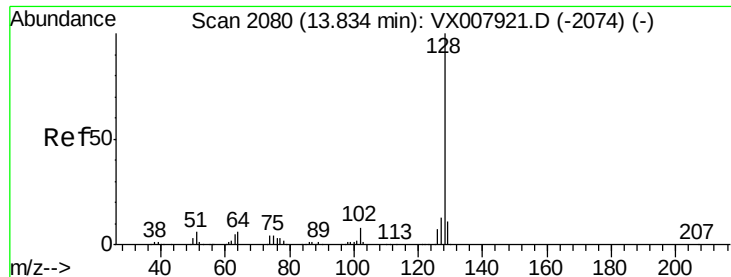
Tot Ion:180 Resp: 81210
 Ion Ratio Lower Upper
 180 100
 182 96.6 75.6 113.4
 145 28.1 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 20.152 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Tgt Ion:225 Resp: 45803
 Ion Ratio Lower Upper
 225 100
 223 62.0 0.0 123.8
 227 65.4 0.0 124.4

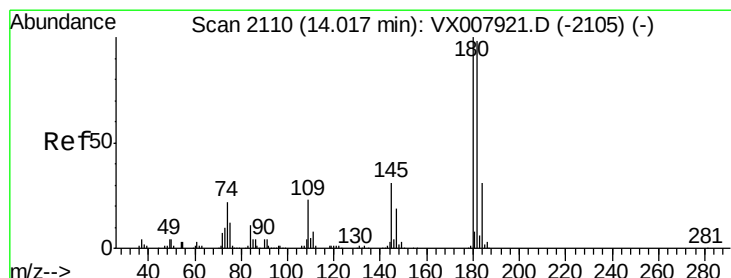
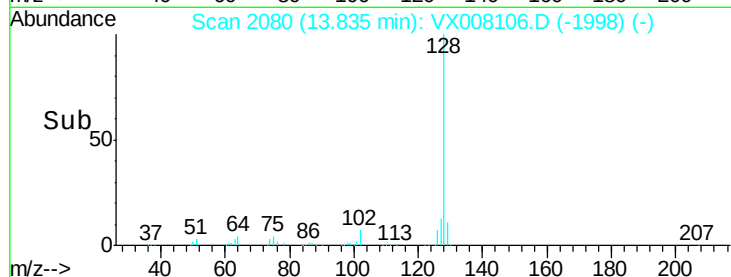
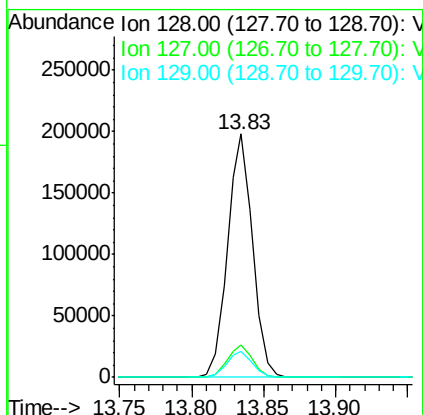
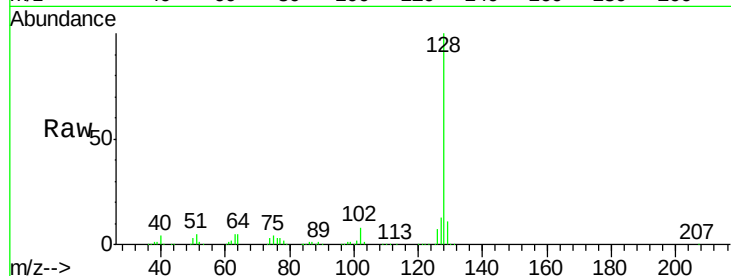




#91
Naphthalene
Concen: 20.492 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion:128 Resp: 242074
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.8 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 20.482 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Tgt Ion:180 Resp: 83898
Ion Ratio Lower Upper
180 100
182 95.4 0.0 193.0
145 29.4 0.0 63.0

