

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051118\
 Data File : VX001625.D
 Acq On : 11 May 2018 02:35
 Operator : JC/MD
 Sample : VX0510WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Quant Time: May 11 07:22:39 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 11 07:16:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	54709	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	278831	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	251575	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	122280	30.63	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.10%
60) 4-Bromofluorobenzene	11.14	95	116119	29.17	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.23%
63) Toluene-d8	8.72	98	337248	30.06	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.20%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	58546	21.96	ug/l	96
3) Chloromethane	1.32	50	65721	22.27	ug/l	98
4) Vinyl Chloride	1.40	62	67864	22.02	ug/l	99
5) Bromomethane	1.64	94	47474	31.16	ug/l	100
6) Chloroethane	1.73	64	45856	22.35	ug/l	94
7) Trichlorofluoromethane	1.93	101	96532	21.80	ug/l	99
8) Diethyl Ether	2.19	74	42285	22.03	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54611	22.20	ug/l	99
10) 1,1-Dichloroethene	2.37	96	54079	21.36	ug/l	98
11) Methyl Iodide	2.51	142	64012	17.40	ug/l	97
12) Methyl Acetate	2.78	43	94251	21.89	ug/l	99
13) Acrolein	2.30	56	47698	97.71	ug/l	99
14) Acrylonitrile	3.15	53	188760	109.76	ug/l	100
15) Acetone	2.45	58	51263	110.95	ug/l	96
16) Carbon Disulfide	2.57	76	132458	21.12	ug/l	99
17) Allyl chloride	2.73	41	102498	21.22	ug/l	98
18) Methylene Chloride	2.86	84	66095	22.12	ug/l	97
19) trans-1,2-Dichloroethene	3.17	96	59201	21.54	ug/l	96
20) Diisopropyl ether	3.88	45	197528	21.89	ug/l	98
21) 1,1-Dichloroethane	3.70	63	113437	21.86	ug/l	98
22) cis-1,2-Dichloroethene	4.60	96	66460	21.45	ug/l	99
23) tert-Butyl Alcohol	3.08	59	86242	112.71	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	202856	22.05	ug/l	100
25) Chloroform	5.23	83	115225	21.55	ug/l	99
26) Cyclohexane	5.58	56	81582	21.55	ug/l	# 99
29) 1,1-Dichloropropene	5.81	75	76020	21.70	ug/l	99
30) 2-Butanone	4.72	43	254364	110.04	ug/l	99
31) 2,2-Dichloropropane	4.59	77	57278	19.02	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	96828	21.73	ug/l	99
33) Carbon Tetrachloride	5.79	117	83811	21.36	ug/l	98
34) Benzene	6.15	78	245135	21.89	ug/l	99
35) Methacrylonitrile	5.07	41	54160	21.61	ug/l	98
36) 1,2-Dichloroethane	6.21	62	98420	22.21	ug/l	100
37) Trichloroethene	7.22	130	71492	21.66	ug/l	97
38) Methylcyclohexane	7.46	83	81169	21.67	ug/l	99
39) 1,2-Dichloropropane	7.53	63	62435	22.23	ug/l	100
40) Dibromomethane	7.67	93	44429	22.08	ug/l	100

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	80904	21.37	ug/l	99
42) Vinyl Acetate	3.83	43	836857	109.76	ug/l	99
43) Ethyl Acetate	4.87	43	96505	21.90	ug/l	97
44) Isopropyl Acetate	6.48	43	144583	21.43	ug/l	99
45) 1,4-Dioxane	7.76	88	34646	437.97	ug/l	100
46) Methyl methacrylate	7.79	41	77986	21.41	ug/l	99
47) n-amyl Acetate	10.91	43	120659	20.94	ug/l	100
48) t-1,3-Dichloropropene	8.44	75	86430	20.69	ug/l	100
49) cis-1,3-Dichloropropene	9.05	75	75558	20.47	ug/l	99
50) 1,1,2-Trichloroethane	9.22	97	64842	21.76	ug/l	96
51) Ethyl methacrylate	9.19	69	92522	21.54	ug/l	99
52) 1,3-Dichloropropane	9.38	76	107268	21.85	ug/l	100
53) Dibromochloromethane	9.59	129	64792	20.94	ug/l	98
54) 1,2-Dibromoethane	9.68	107	68027	21.65	ug/l	98
55) 2-Chloroethyl vinyl ether	8.32	63	245864	107.66	ug/l	100
56) Bromoform	10.87	173	51443	20.34	ug/l	99
58) 4-Methyl-2-Pentanone	8.66	43	505950	111.81	ug/l	100
59) 2-Hexanone	9.51	43	378752	111.72	ug/l	100
61) Tetrachloroethene	9.34	164	80713	22.05	ug/l	100
62) Toluene	8.79	91	263134	21.74	ug/l	100
64) Chlorobenzene	10.15	112	172772	21.73	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	64741	21.55	ug/l	100
66) Ethyl Benzene	10.26	91	272869	21.73	ug/l	99
67) m/p-Xylenes	10.37	106	216741	43.22	ug/l	99
68) o-Xylene	10.71	106	108475	21.86	ug/l	99
69) Styrene	10.72	104	176030	21.50	ug/l	99
70) Isopropylbenzene	11.02	105	280460	21.94	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	92839	21.66	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	106642	25.67	ug/l	91
73) Bromobenzene	11.26	156	83918	21.67	ug/l	99
74) n-propylbenzene	11.37	91	308332	21.91	ug/l	99
75) 2-Chlorotoluene	11.43	91	193122	21.88	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	234357	21.79	ug/l	100
77) t-1,4-Dichloro-2-butene	11.08	75	20871	19.54	ug/l	96
78) 4-Chlorotoluene	11.52	91	214993	21.43	ug/l	99
79) tert-butylbenzene	12.07	119	248941	21.87	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	241074	21.95	ug/l	99
81) sec-Butylbenzene	11.95	105	273351	21.94	ug/l	100
82) p-Isopropyltoluene	12.07	119	248941	21.87	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	144190	21.35	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	143835	21.18	ug/l	100
85) n-Butylbenzene	12.40	91	192241	21.24	ug/l	99
86) Hexachloroethane	12.60	117	36616	20.28	ug/l	97
87) 1,2-Dichlorobenzene	12.40	146	150241	21.45	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.01	75	20685	20.71	ug/l	96
89) 1,2,4-Trichlorobenzene	13.65	180	102354	20.57	ug/l	100
90) Hexachlorobutadiene	13.79	225	54647	21.46	ug/l	98
91) Naphthalene	13.84	128	317436	21.30	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	111392	21.17	ug/l	99

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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

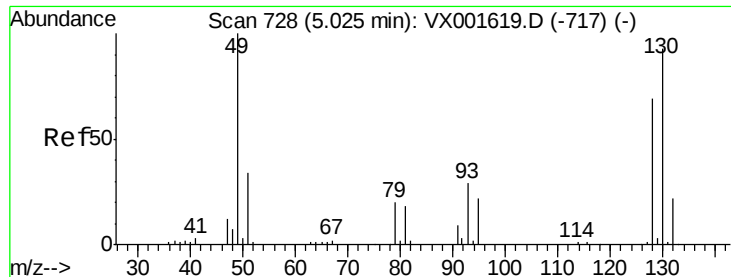
Abundance

TIC: VX001625.D

Time-->

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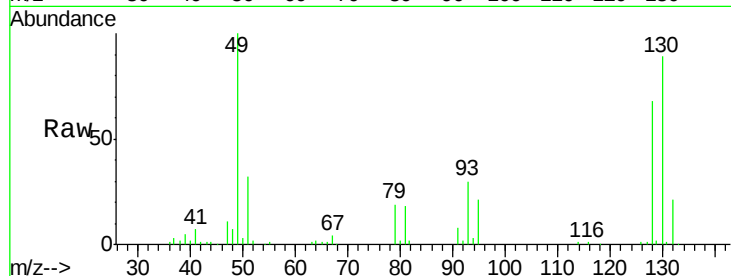
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Acrolein, M
Methyl Chloride, M
Methyl Acetate, M
tert-Butyl Alcohol, M
1,1-Dichloroethane, M
Vinyl Acetate, M
Diisopropyl ether, T
Ethyl Acetate, M
Methoxychloromethane, I
Chloroform, M
1,1,1-Trichloroethane, M
1,2-Dichloroethane, M
Isopropyl Acetate, M
1,4-Difluorobenzene, I
Trichloroethene, M
1,2-Dichlorobenzene, M
1,4-Dichlorobenzene, M
Bromodichloromethane, M
1,1,3-Dichloropropane, M
cis-1,3-Dichloropropane, T
Ethyl Chloride, M
1,3-Dichloropropane, M
1,2-Dichloroethane, M
1,1,1,2-Tetrachloroethane, M
Chlorobenzene, M
Ethyl Benzene, M
n-Propylbenzene, M
Styrene, M
Isopropylbenzene, S
4-Bromofluorobenzene, S
1-Bromochlorobenzene, M
2-Chlorotoluene, M
1,2-Dichlorobenzene, M
1,3-Dichlorobenzene, M
1,4-Dichlorobenzene, M
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane
1,2,3-Trichlorobenzene
1,2,4-Trichlorobenzene
Naphthalene, M
1,2,3-Trichlorobenzene



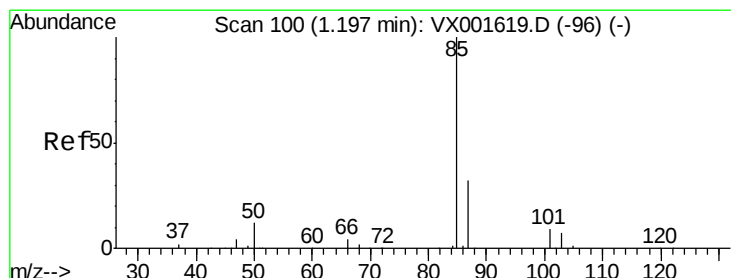
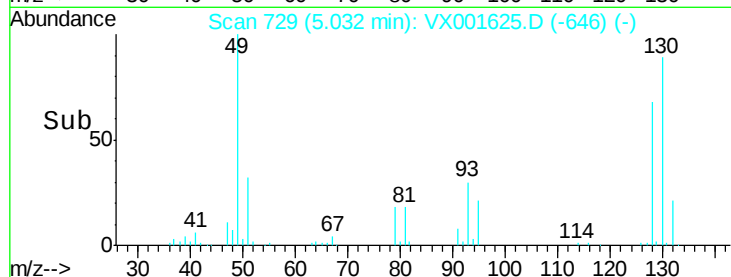
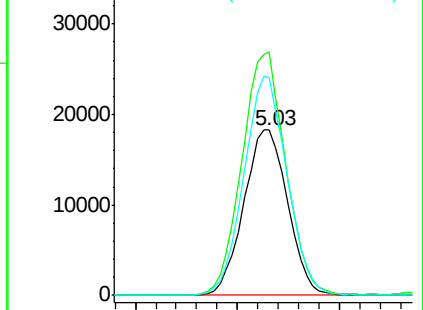
#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. 0.01 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Tgt Ion:128 Resp: 54709
 Ion Ratio Lower Upper
 128 100
 49 147.5 0.0 372.0
 130 130.1 0.0 326.5

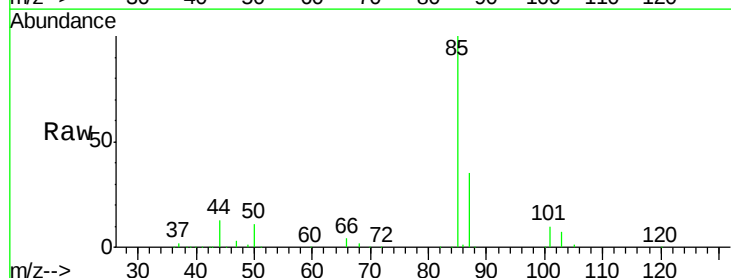


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VX0
 Ion 130.00 (129.70 to 130.70): V

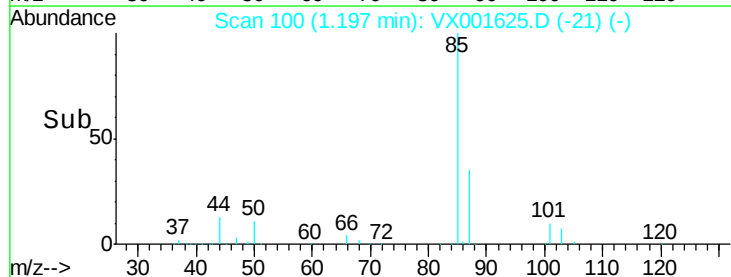
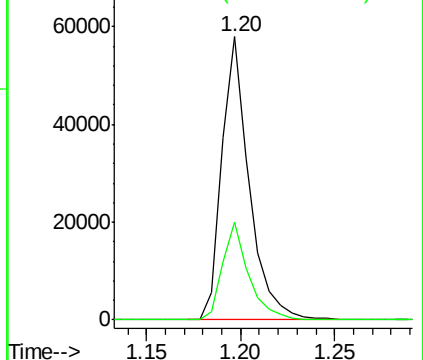


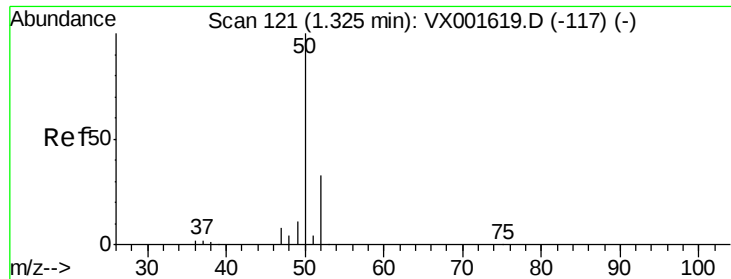
#2
 Dichlorodifluoromethane
 Concen: 21.96 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion: 85 Resp: 58546
 Ion Ratio Lower Upper
 85 100
 87 34.7 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 22.27 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

ClientSampleId :

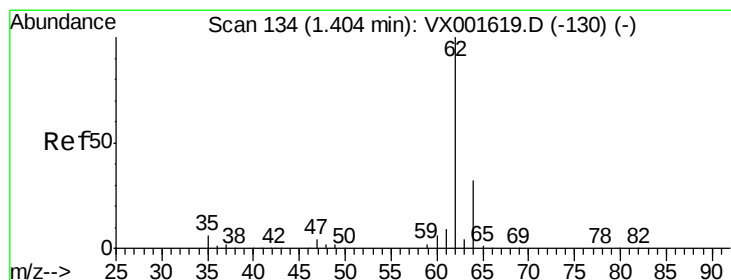
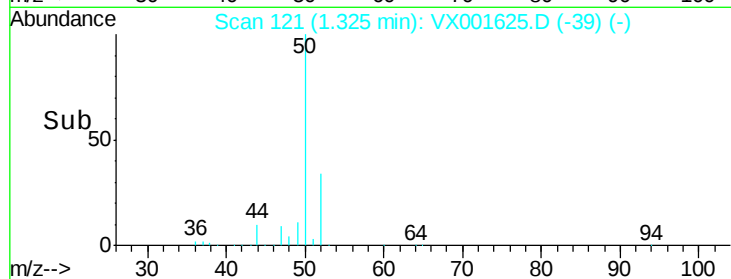
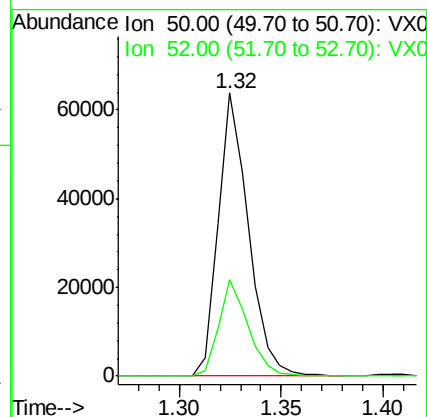
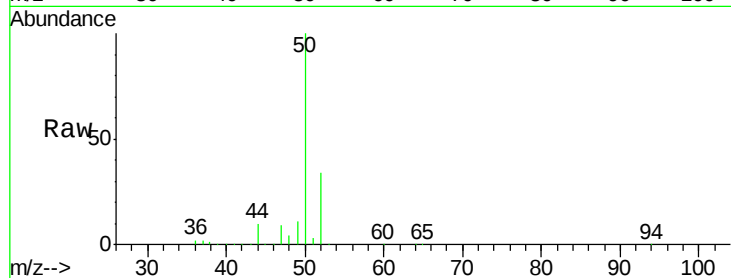
VX0510WBS01

Tgt Ion: 50 Resp: 65721

Ion Ratio Lower Upper

50 100

52 34.3 26.4 39.6



#4

Vinyl Chloride

Concen: 22.02 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001625.D

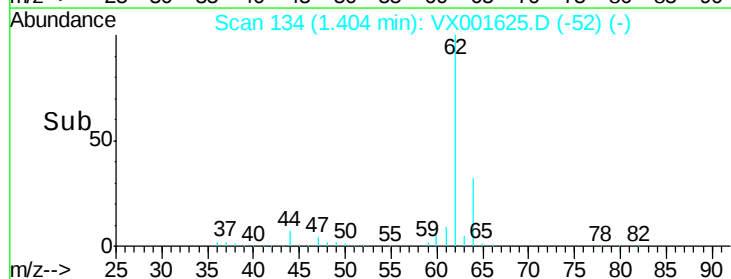
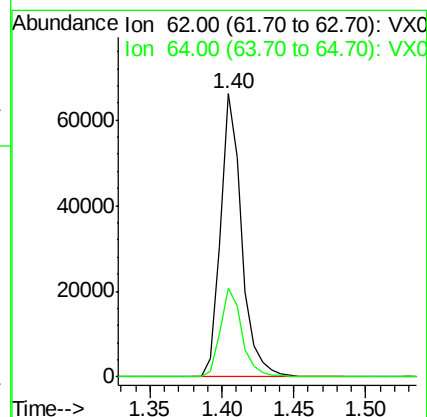
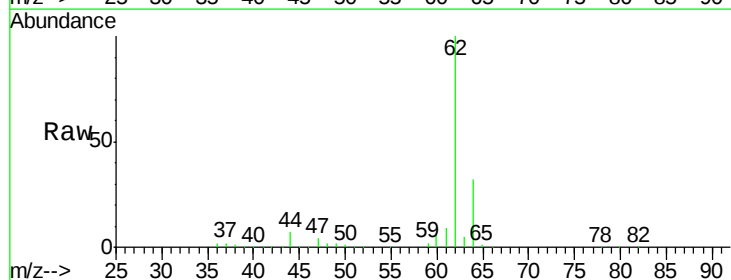
Acq: 11 May 2018 02:35

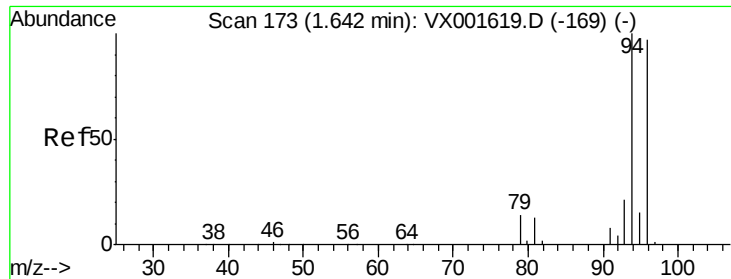
Tgt Ion: 62 Resp: 67864

Ion Ratio Lower Upper

62 100

64 31.6 25.9 38.9

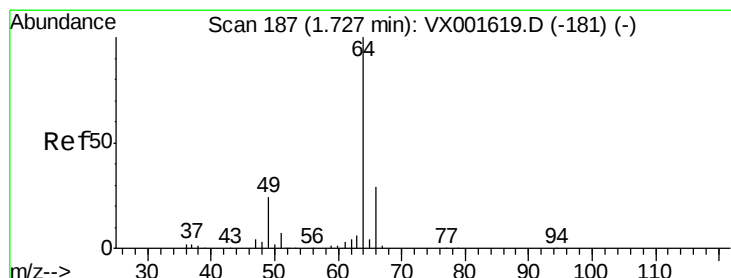
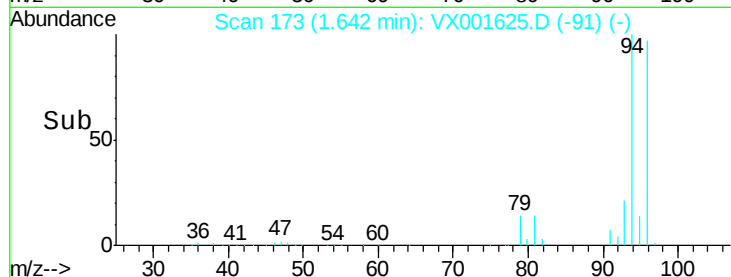
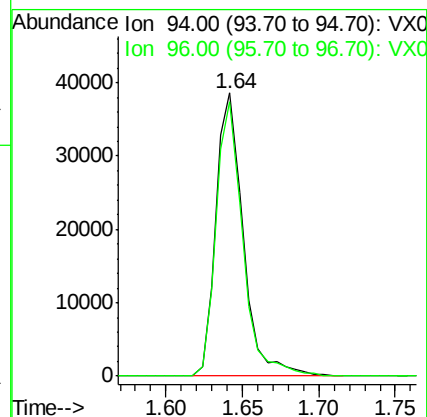
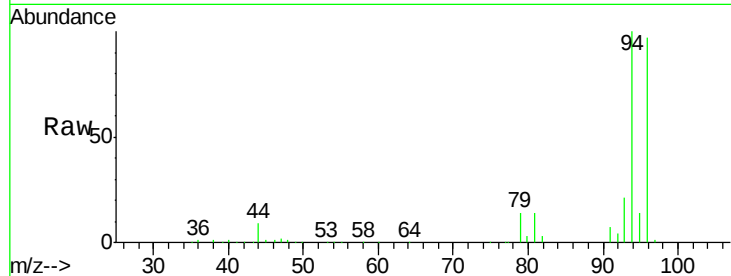




#5
Bromomethane
Concen: 31.16 ug/l
RT: 1.64 min Scan# 173
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

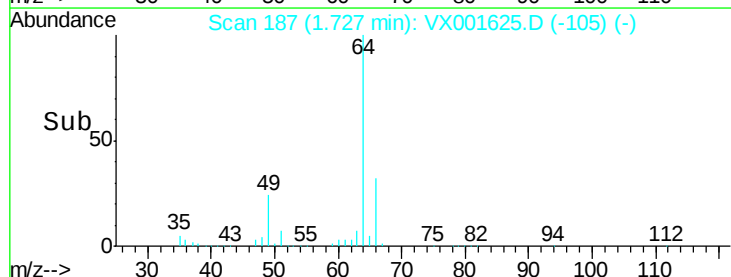
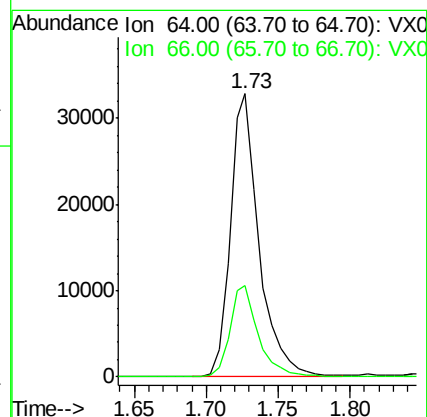
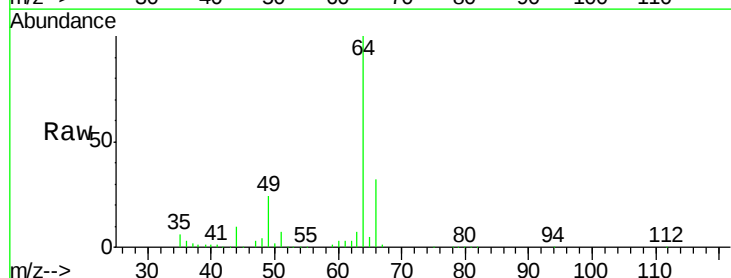
Instrument :
MSVOA_X
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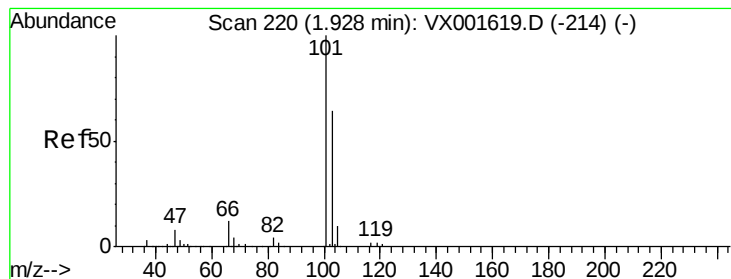
Tgt Ion: 94 Resp: 47474
Ion Ratio Lower Upper
94 100
96 97.2 77.8 116.8



#6
Chloroethane
Concen: 22.35 ug/l
RT: 1.73 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion: 64 Resp: 45856
Ion Ratio Lower Upper
64 100
66 32.5 23.4 35.2



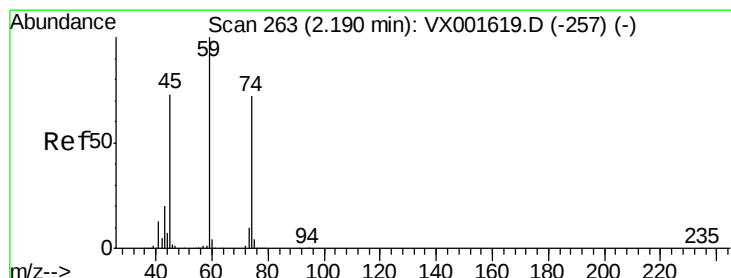
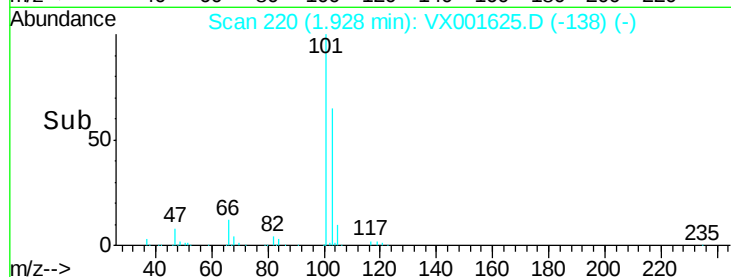
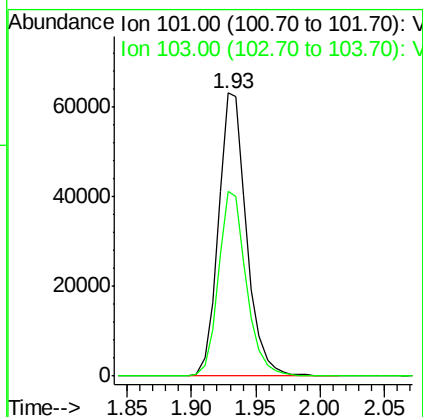
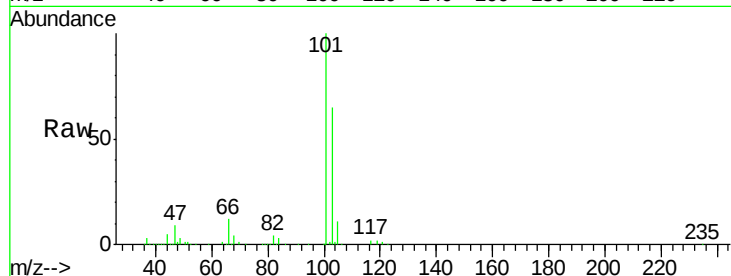


#7

Trichlorofluoromethane
 Concen: 21.80 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

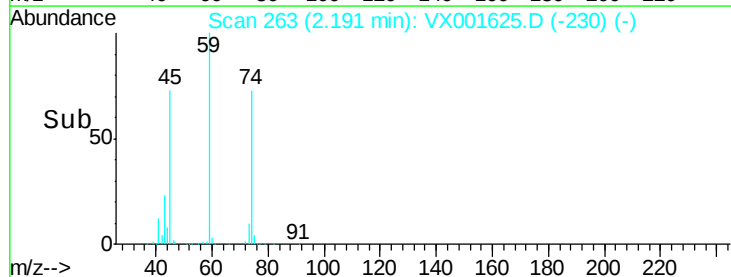
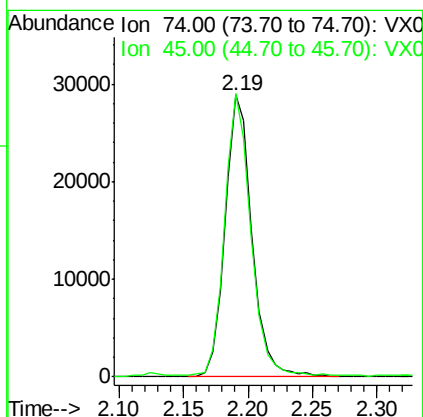
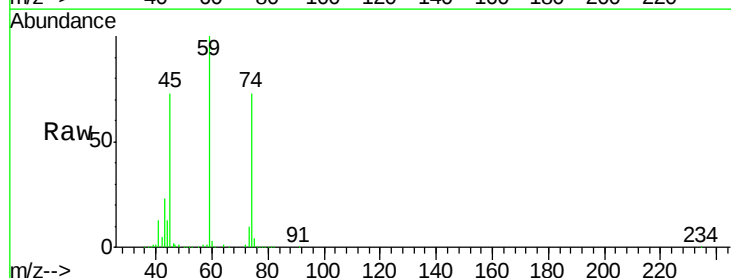
Tgt Ion:101 Resp: 96532
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.0

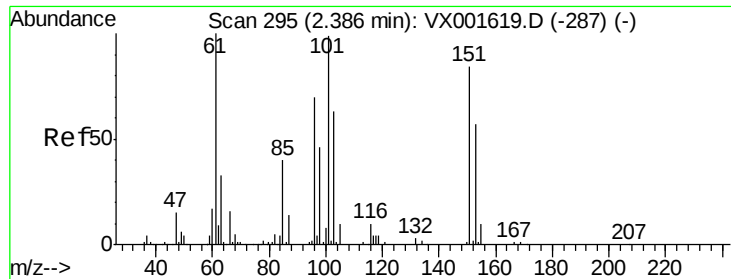


#8

Diethyl Ether
 Concen: 22.03 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion: 74 Resp: 42285
 Ion Ratio Lower Upper
 74 100
 45 96.8 19.4 174.2

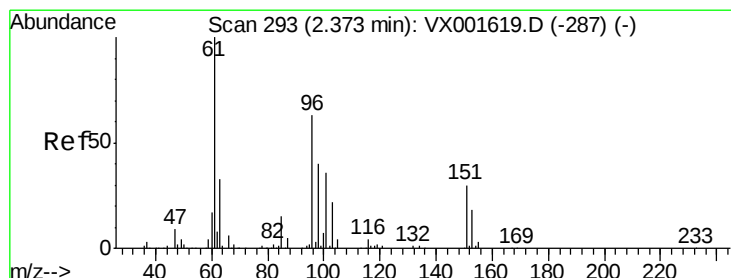
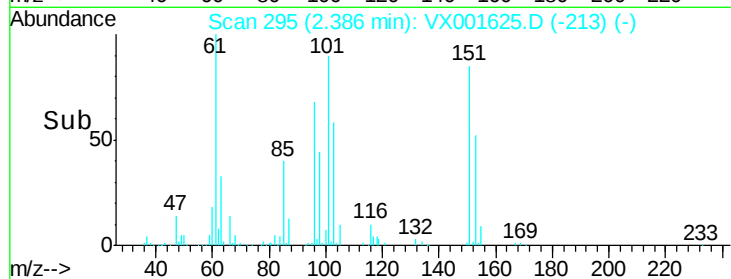
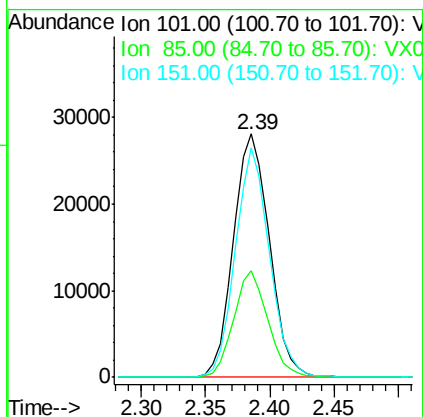
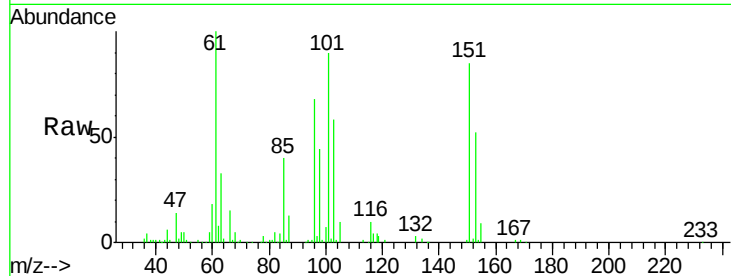




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.20 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

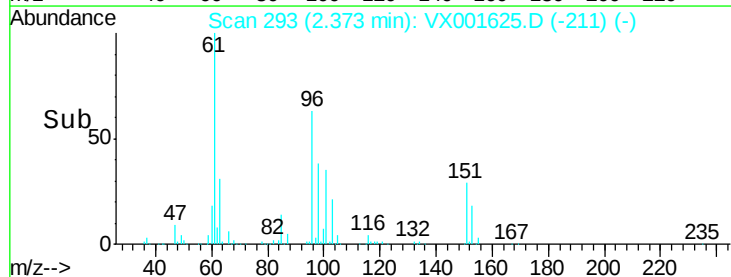
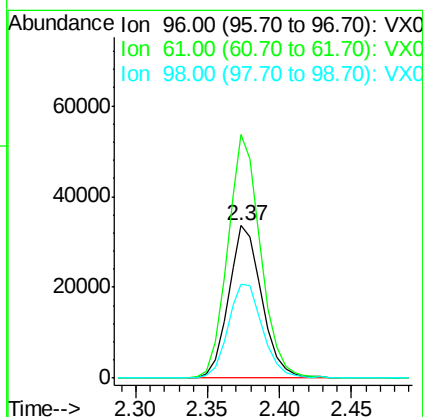
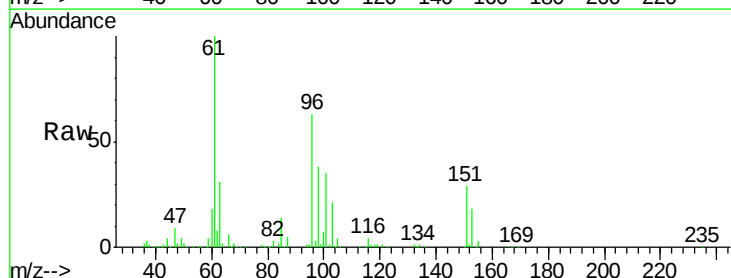
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

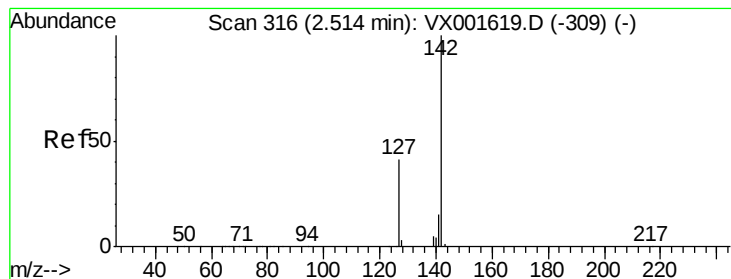
Tgt Ion: 101 Resp: 54611
 Ion Ratio Lower Upper
 101 100
 85 41.5 0.0 84.0
 151 89.4 0.0 176.4



#10
 1,1-Dichloroethene
 Concen: 21.36 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion: 96 Resp: 54079
 Ion Ratio Lower Upper
 96 100
 61 160.0 126.5 189.7
 98 61.5 50.6 75.8





#11

Methyl Iodide

Concen: 17.40 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

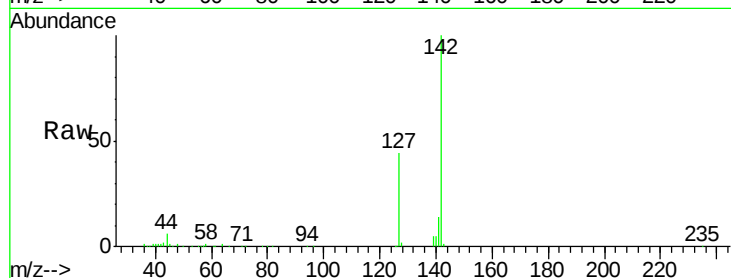
Tgt Ion:142 Resp: 64012

Ion Ratio Lower Upper

142 100

127 43.7 20.7 62.1

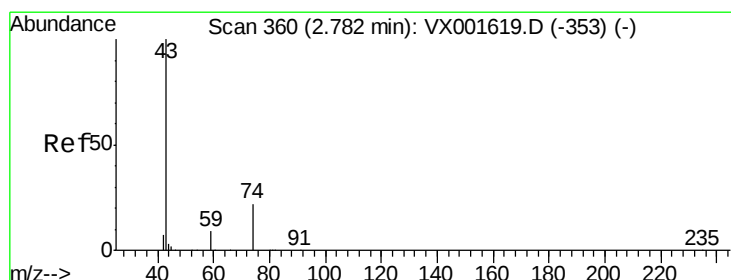
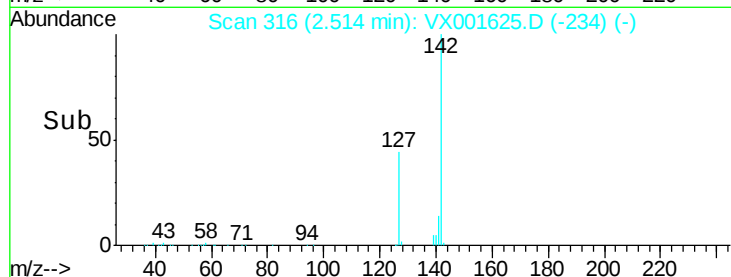
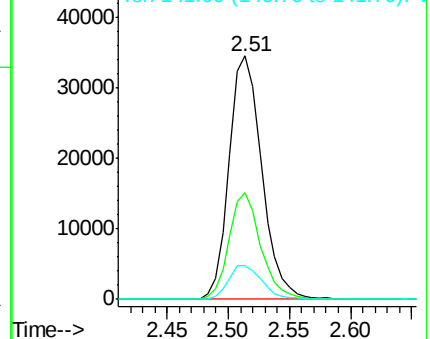
141 14.0 7.4 22.3



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 21.89 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001625.D

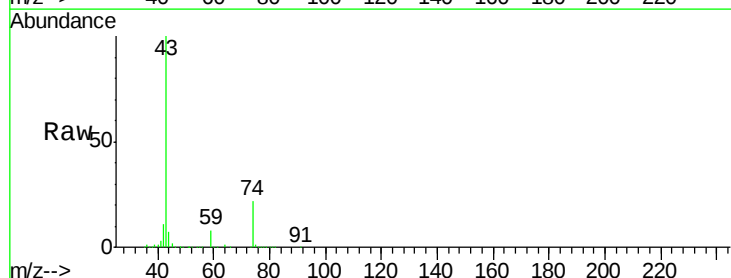
Acq: 11 May 2018 02:35

Tgt Ion: 43 Resp: 94251

Ion Ratio Lower Upper

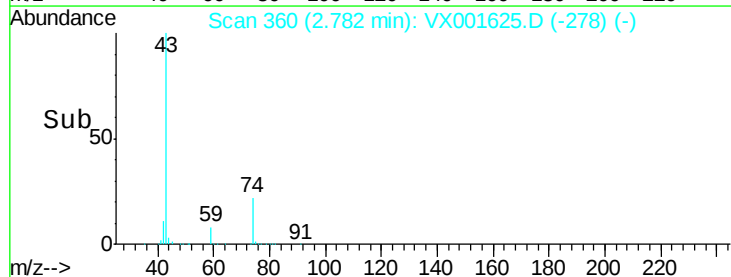
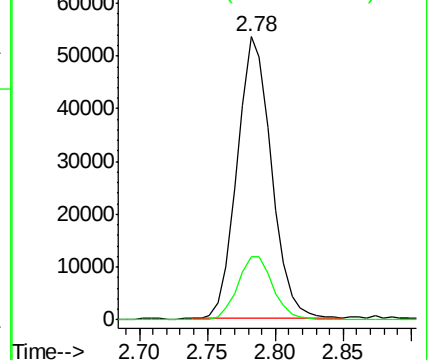
43 100

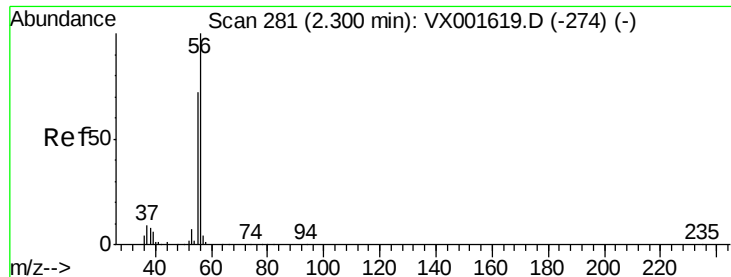
74 22.1 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 97.71 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

ClientSampleId :

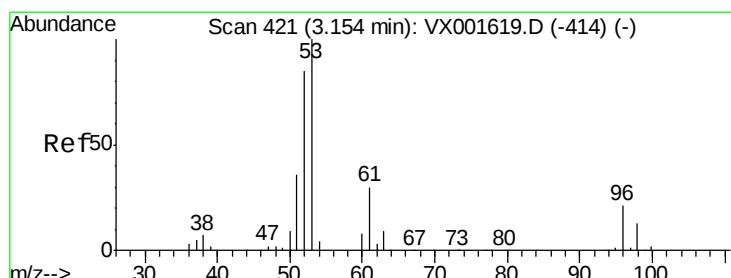
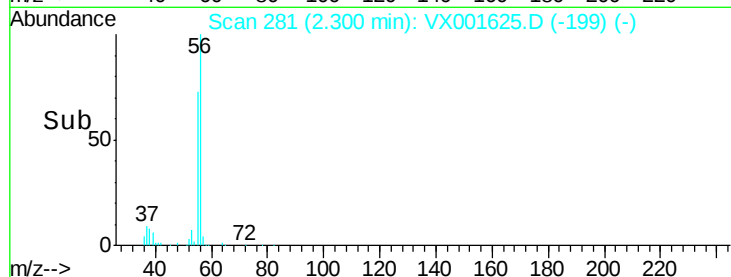
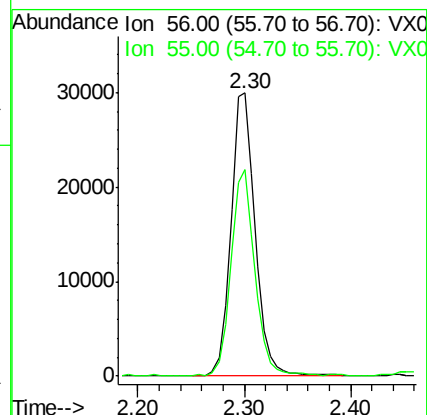
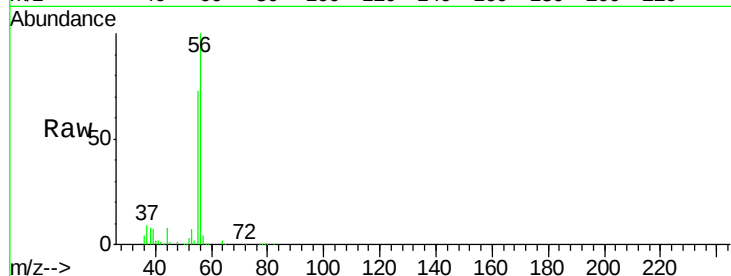
VX0510WBS01

Tgt Ion: 56 Resp: 47698

Ion Ratio Lower Upper

56 100

55 70.6 56.9 85.3



#14

Acrylonitrile

Concen: 109.76 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

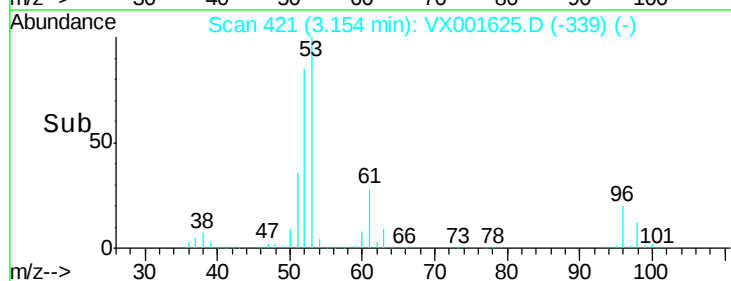
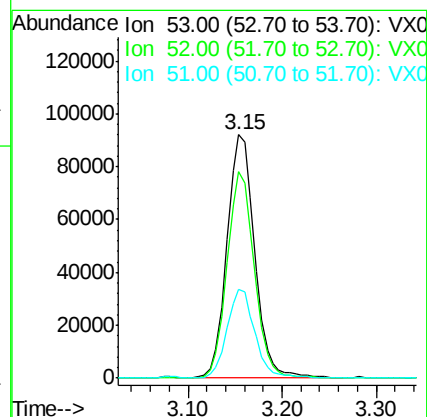
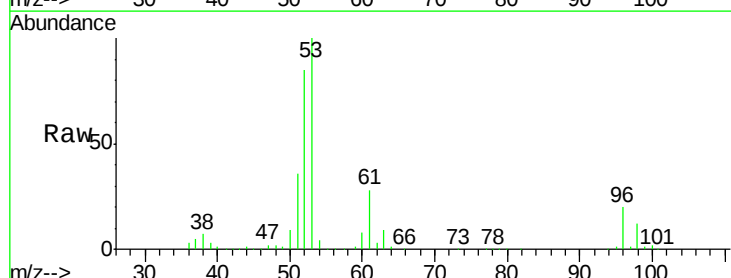
Tgt Ion: 53 Resp: 188760

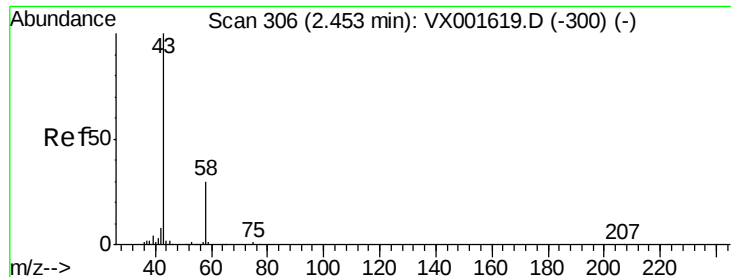
Ion Ratio Lower Upper

53 100

52 83.1 41.3 123.9

51 36.4 18.1 54.3





#15

Acetone

Concen: 110.95 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

ClientSampleId :

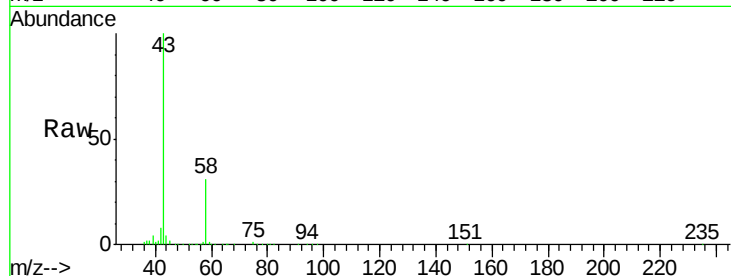
VX0510WBS01

Tgt Ion: 58 Resp: 51263

Ion Ratio Lower Upper

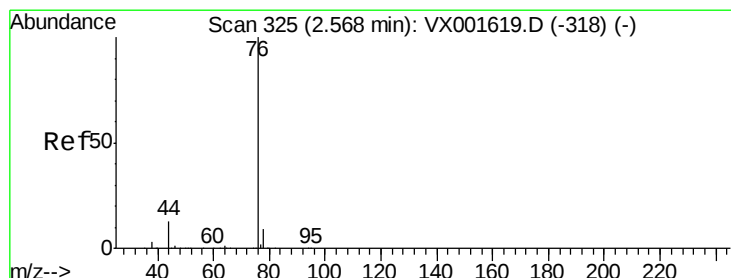
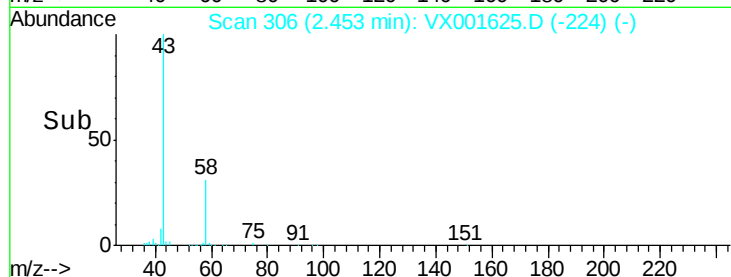
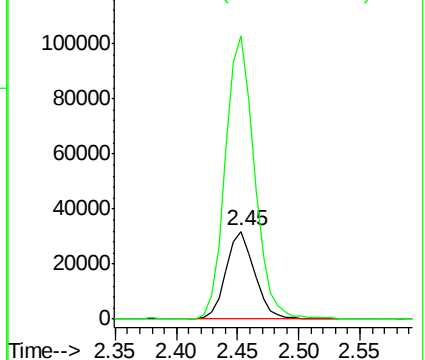
58 100

43 321.6 264.2 396.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 21.12 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001625.D

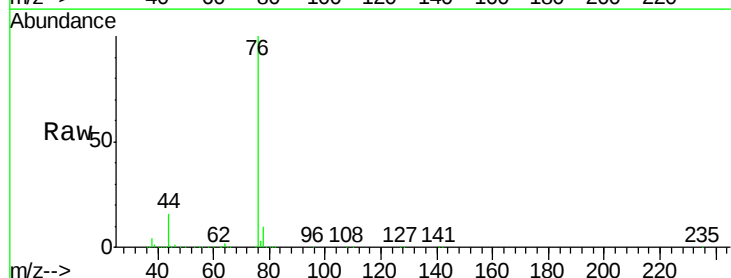
Acq: 11 May 2018 02:35

Tgt Ion: 76 Resp: 132458

Ion Ratio Lower Upper

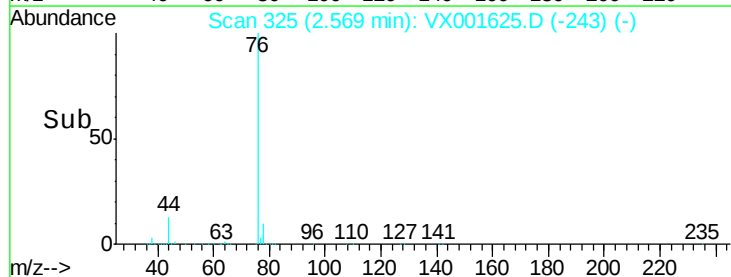
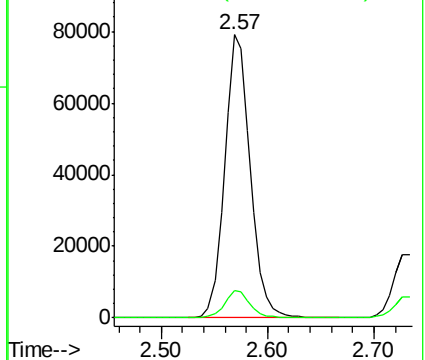
76 100

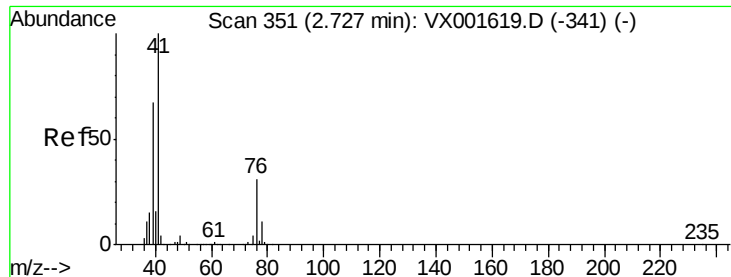
78 9.5 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

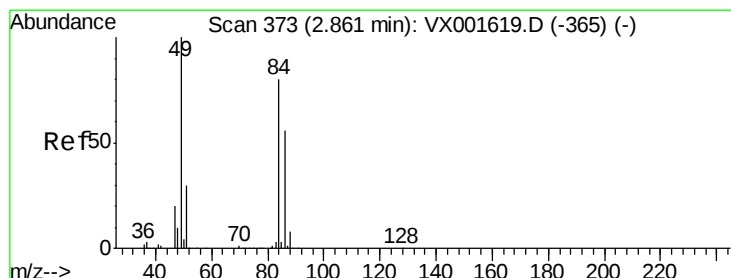
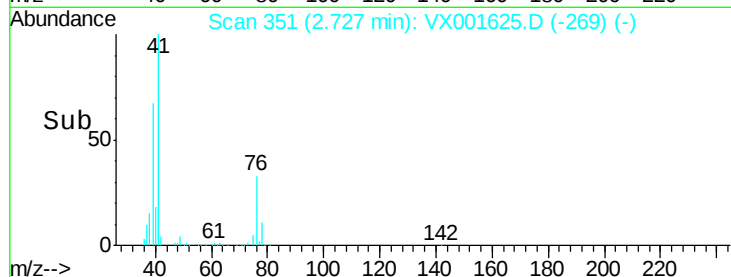
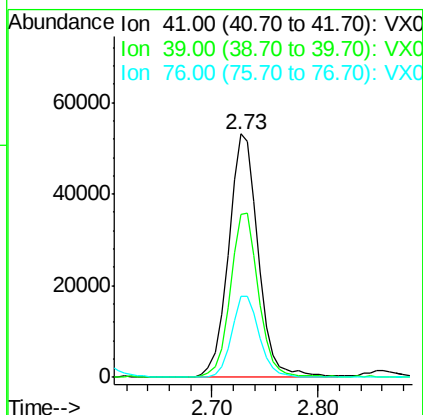
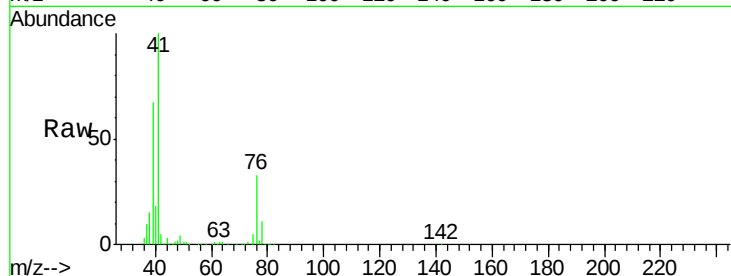




#17
 Allyl chloride
 Concen: 21.22 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

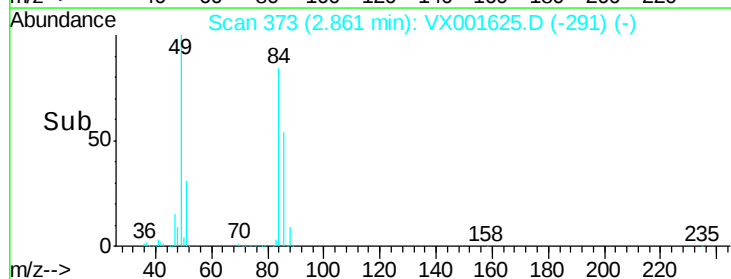
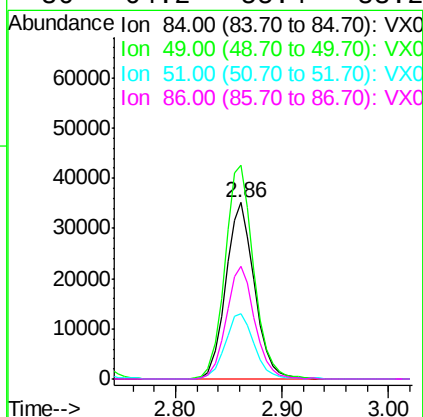
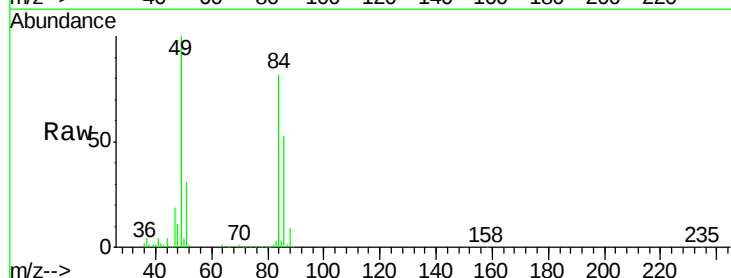
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

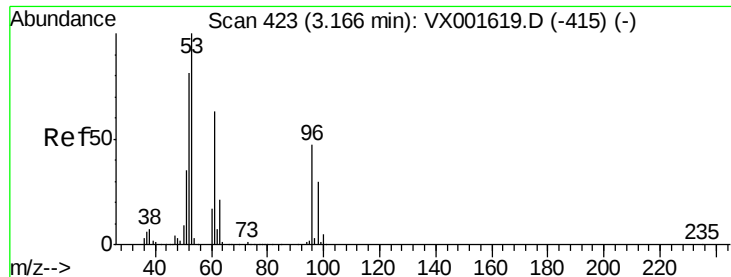
Tgt Ion: 41 Resp: 102498
 Ion Ratio Lower Upper
 41 100
 39 66.9 33.7 101.1
 76 33.0 15.4 46.4



#18
 Methylene Chloride
 Concen: 22.12 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion: 84 Resp: 66095
 Ion Ratio Lower Upper
 84 100
 49 121.3 99.5 149.3
 51 37.1 30.1 45.1
 86 64.2 55.4 83.2





#19

trans-1,2-Dichloroethene

Concen: 21.54 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

ClientSampled :

VX0510WBS01

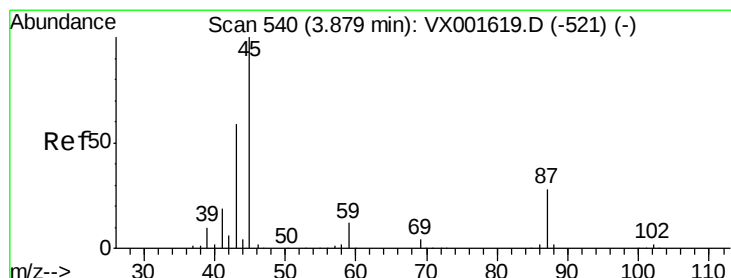
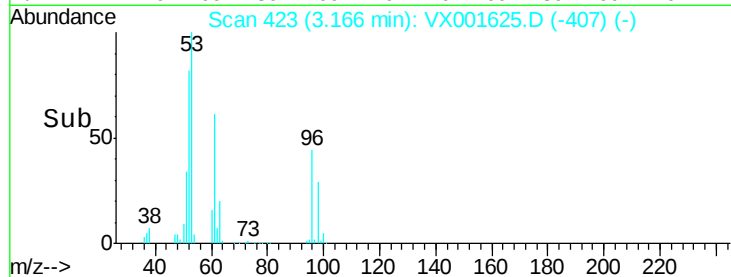
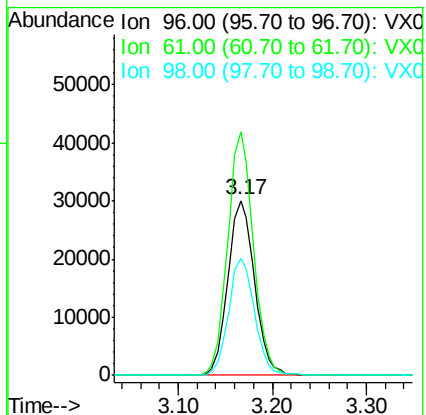
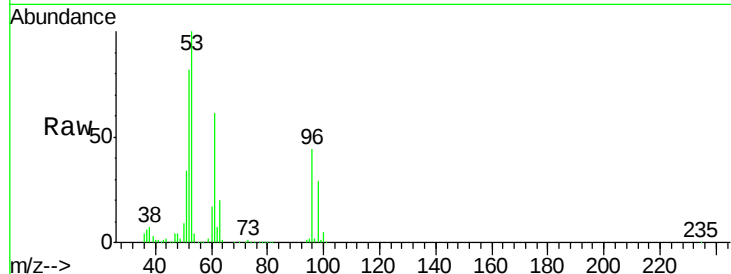
Tgt Ion: 96 Resp: 59201

Ion Ratio Lower Upper

96 100

61 139.4 107.7 161.5

98 67.0 51.6 77.4



#20

Diisopropyl ether

Concen: 21.89 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Tgt Ion: 45 Resp: 197528

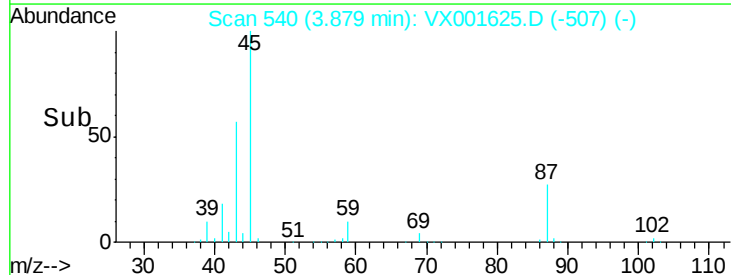
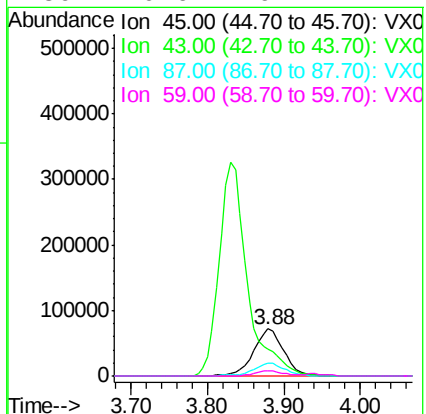
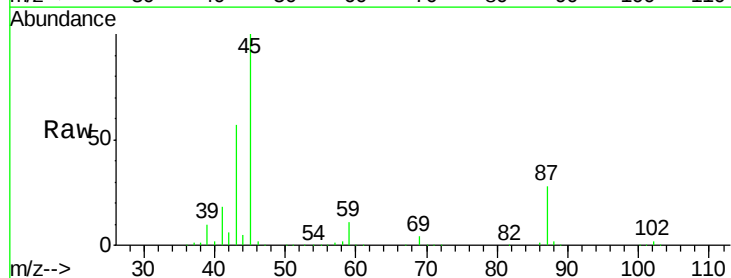
Ion Ratio Lower Upper

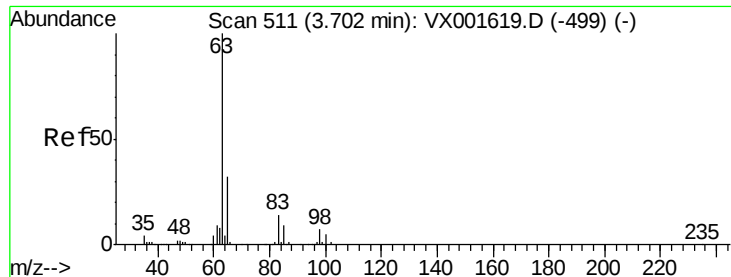
45 100

43 57.1 47.5 71.3

87 27.6 22.2 33.4

59 10.6 9.4 14.2

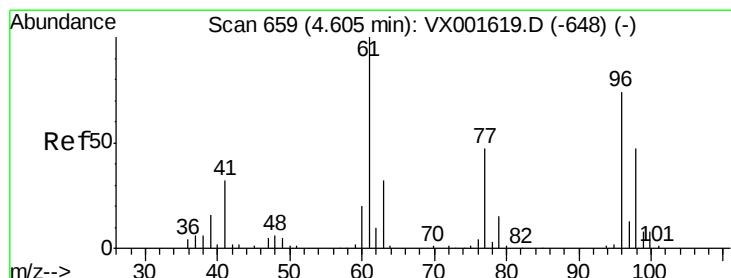
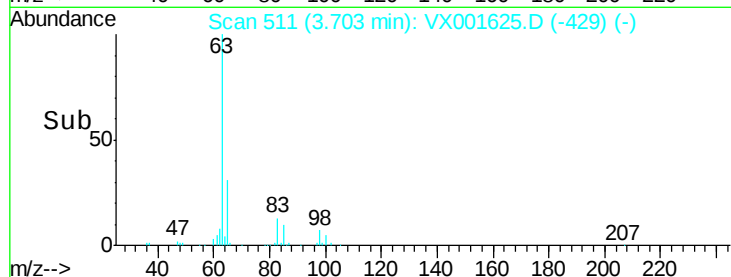
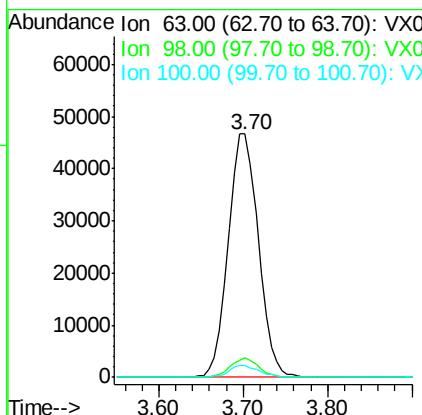
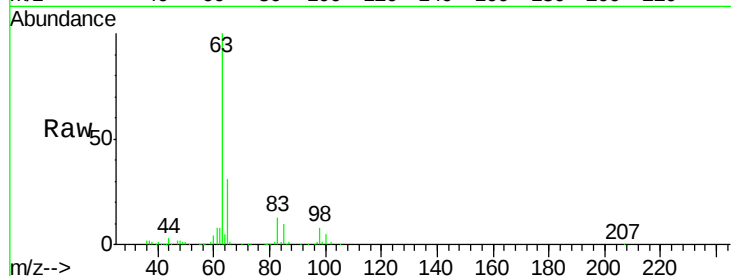




#21
 1,1-Dichloroethane
 Concen: 21.86 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

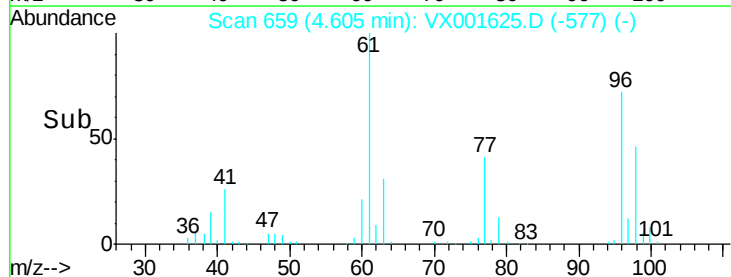
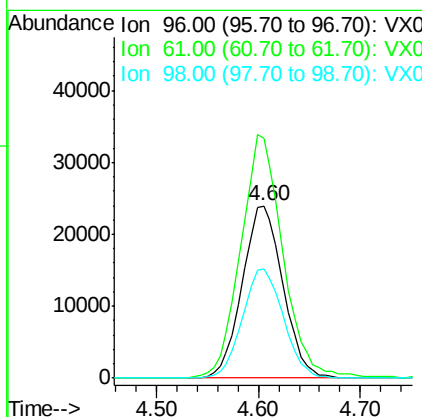
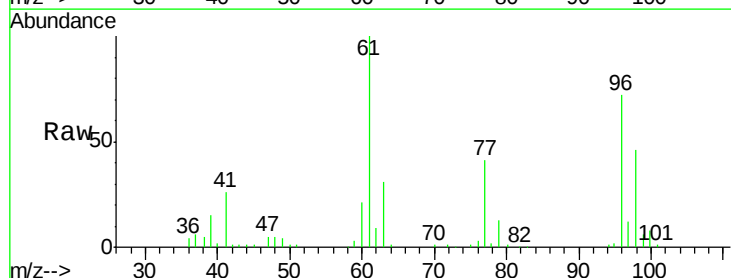
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

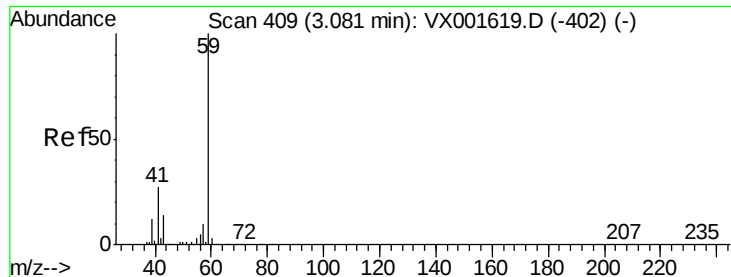
Tgt Ion: 63 Resp: 113437
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.5 10.5
 100 5.1 2.5 7.4



#22
 cis-1,2-Dichloroethene
 Concen: 21.45 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion: 96 Resp: 66460
 Ion Ratio Lower Upper
 96 100
 61 145.1 117.3 175.9
 98 63.8 51.2 76.8

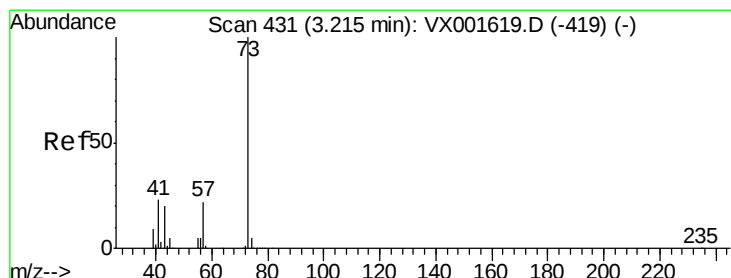
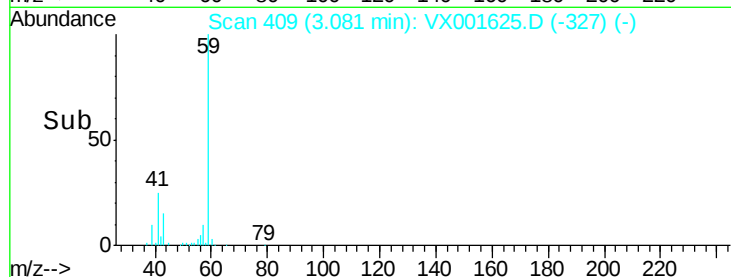
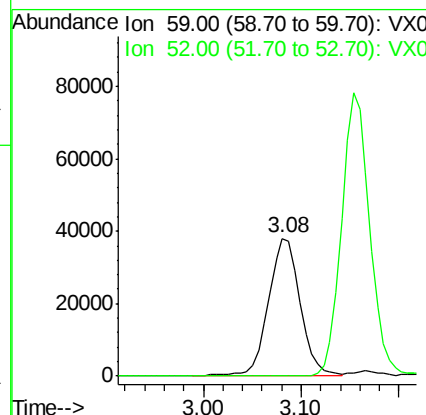
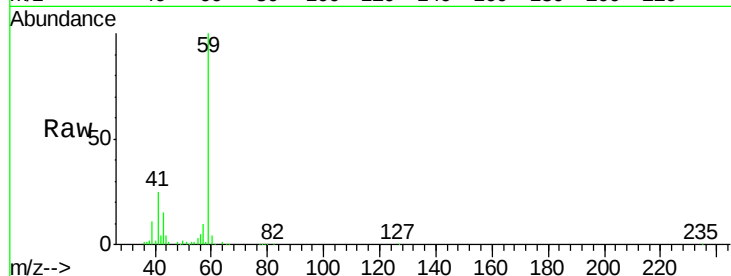




#23
 tert-Butyl Alcohol
 Concen: 112.71 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

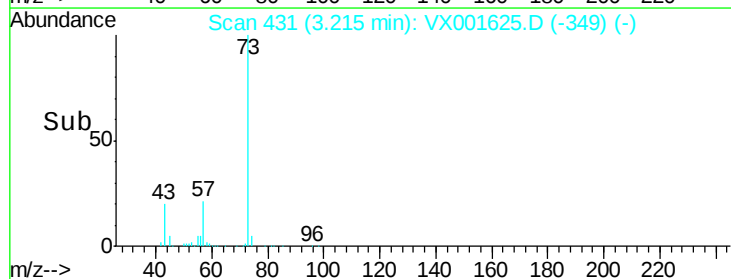
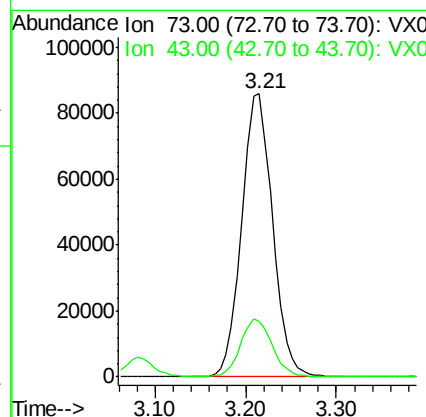
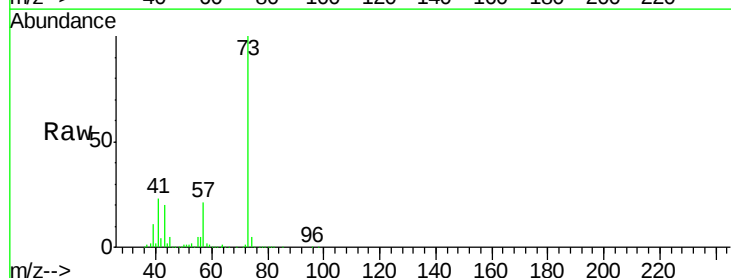
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

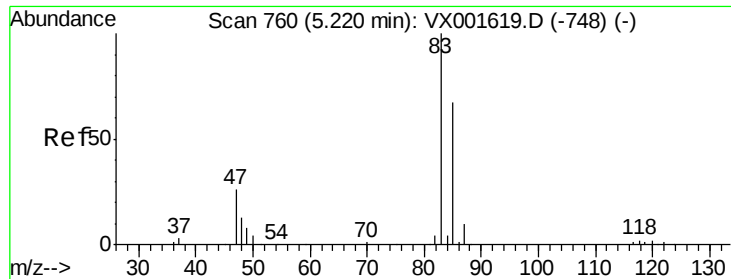
Tgt Ion: 59 Resp: 86242
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2#



#24
 Methyl tert-Butyl Ether
 Concen: 22.05 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion: 73 Resp: 202856
 Ion Ratio Lower Upper
 73 100
 43 20.5 16.3 24.5

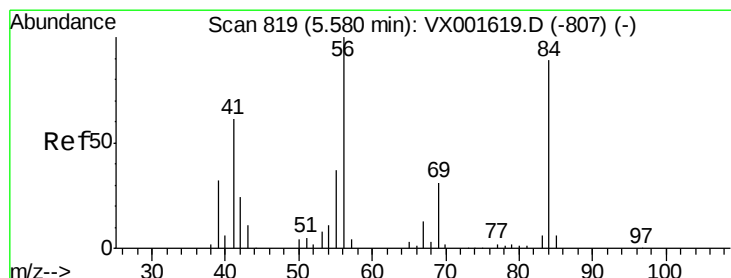
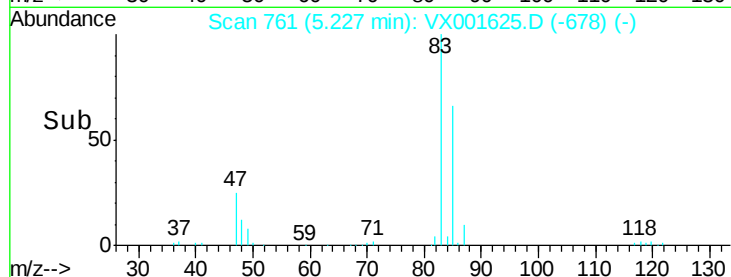
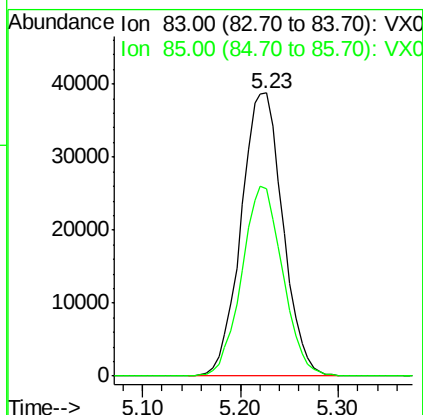
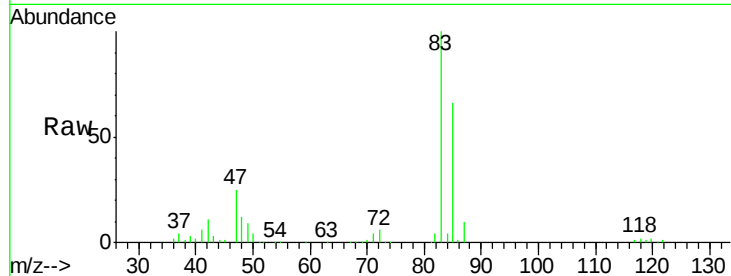




#25
Chloroform
Concen: 21.55 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

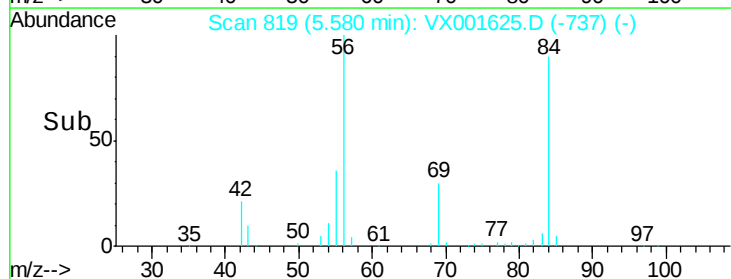
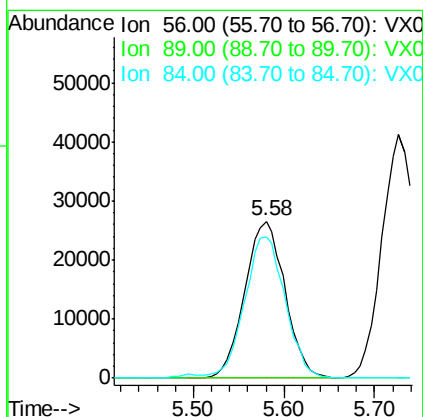
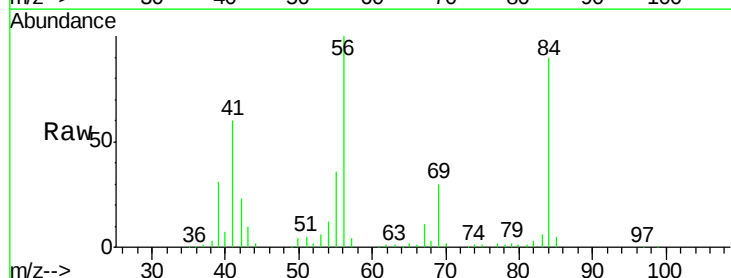
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

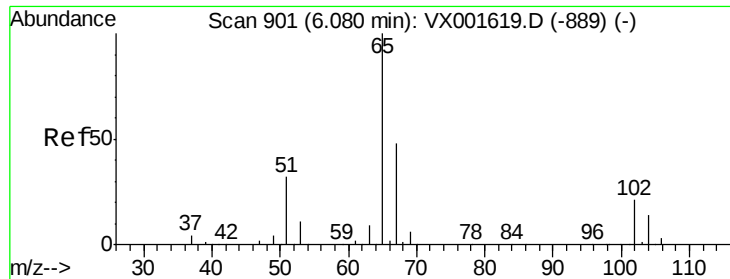
Tgt Ion: 83 Resp: 115225
Ion Ratio Lower Upper
83 100
85 66.3 53.9 80.9



#26
Cyclohexane
Concen: 21.55 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion: 56 Resp: 81582
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.2 72.2 108.4

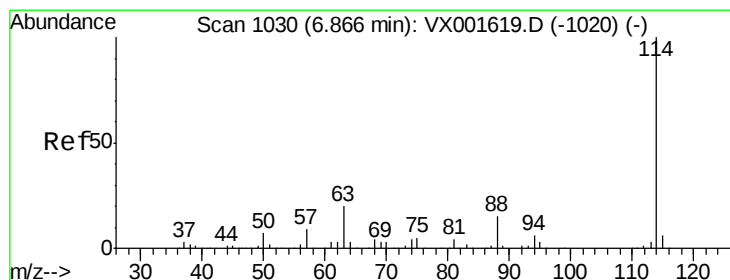
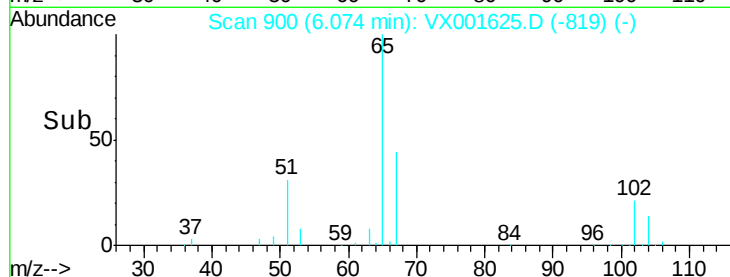
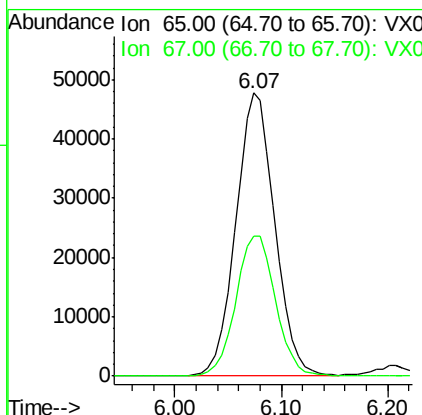
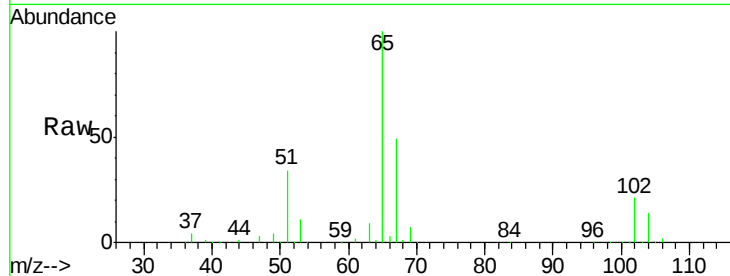




#27
 1,2-Dichloroethane-d4
 Concen: 30.63 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

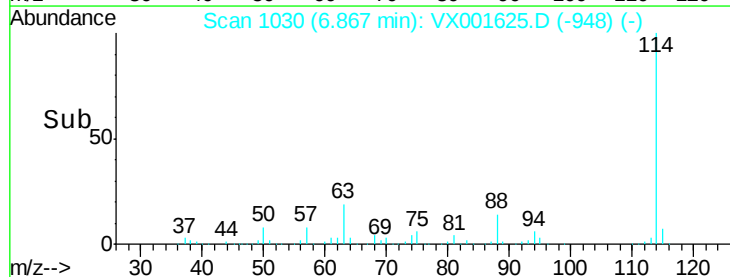
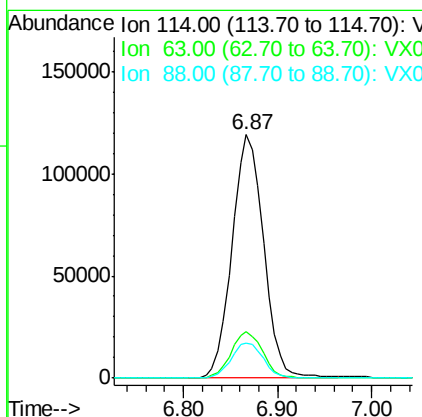
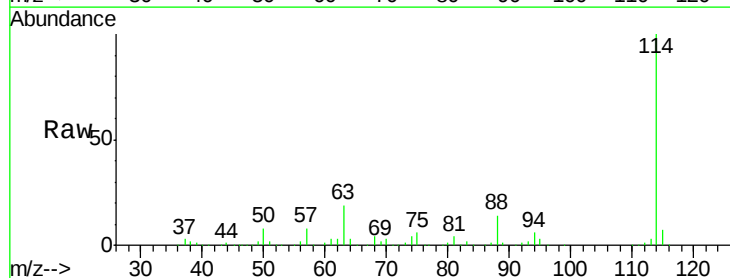
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

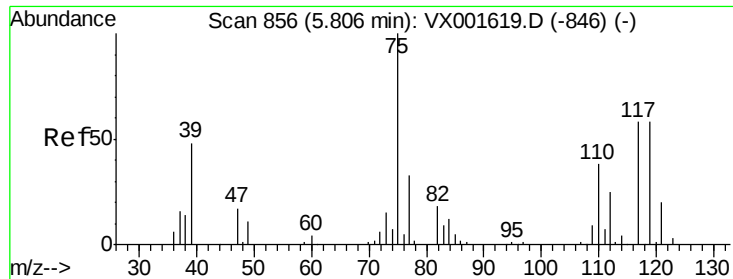
Tgt Ion: 65 Resp: 122280
 Ion Ratio Lower Upper
 65 100
 67 50.5 40.2 60.2



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion: 114 Resp: 278831
 Ion Ratio Lower Upper
 114 100
 63 19.2 15.5 23.3
 88 14.9 12.2 18.4

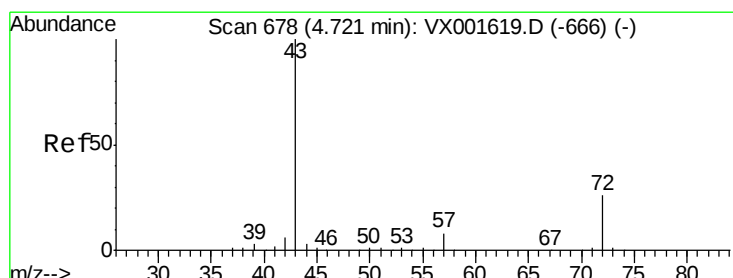
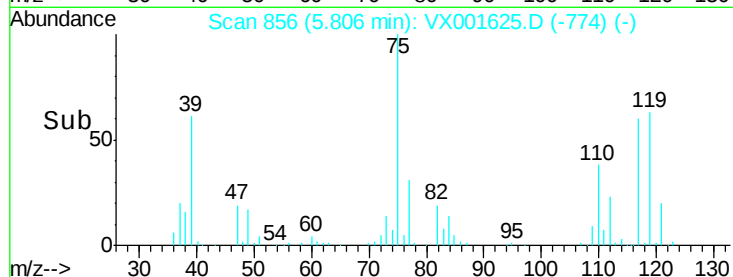
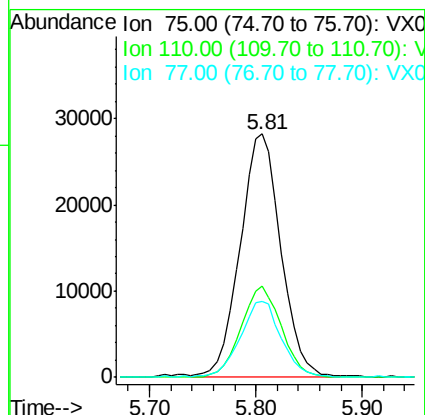
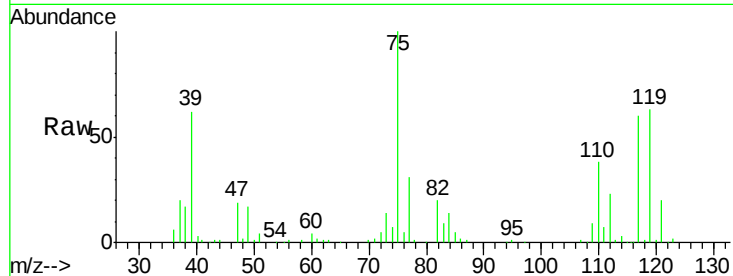




#29
 1,1-Dichloropropene
 Concen: 21.70 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

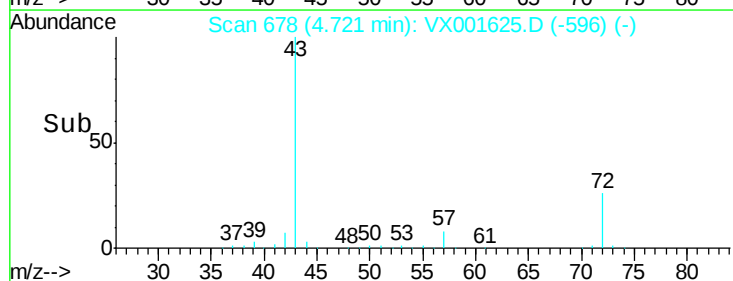
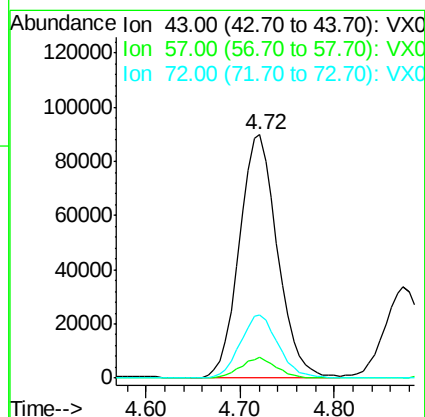
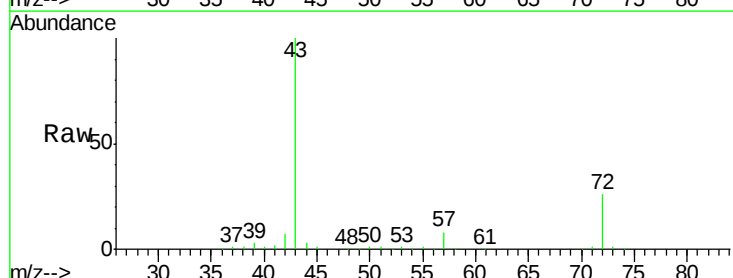
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

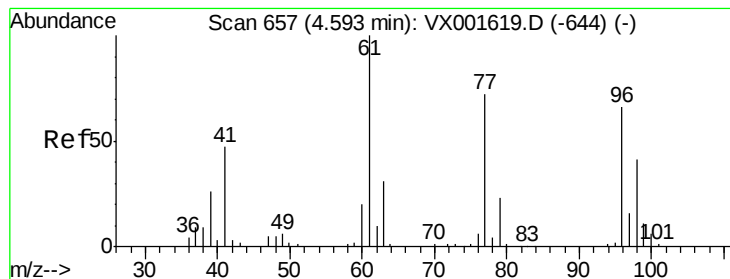
Tgt Ion: 75 Resp: 76020
 Ion Ratio Lower Upper
 75 100
 110 37.0 0.0 74.6
 77 30.7 0.0 62.4



#30
 2-Butanone
 Concen: 110.04 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion: 43 Resp: 254364
 Ion Ratio Lower Upper
 43 100
 57 7.9 6.3 9.5
 72 25.9 20.2 30.4





#31

2,2-Dichloropropane

Concen: 19.02 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

ClientSampleId :

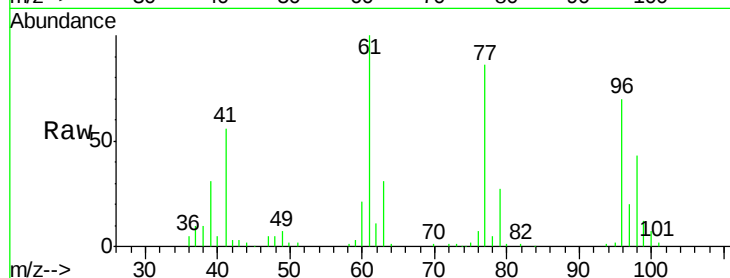
VX0510WBS01

Tgt Ion: 77 Resp: 57278

Ion Ratio Lower Upper

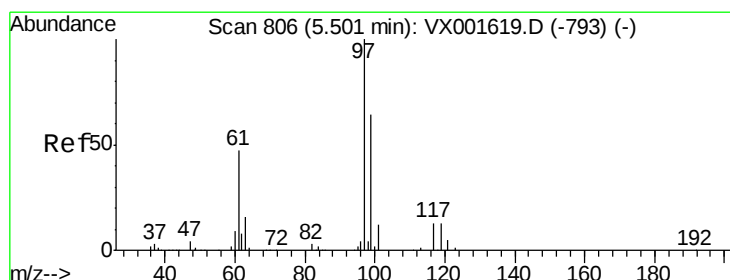
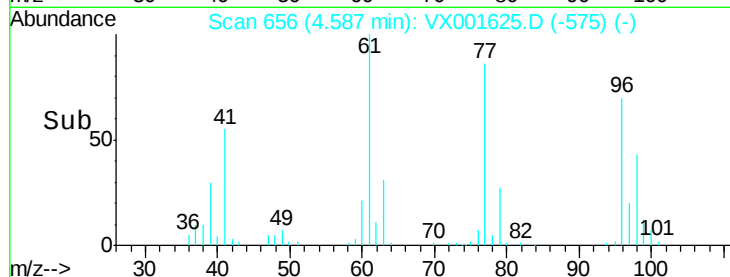
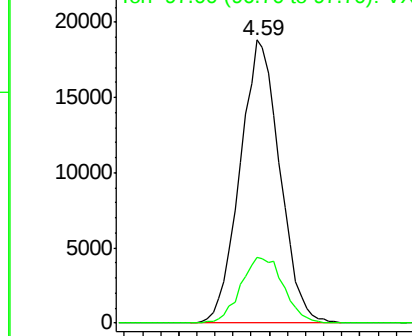
77 100

97 24.9 19.3 28.9



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 21.73 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

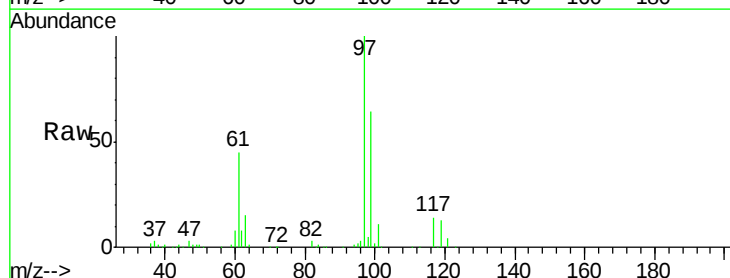
Tgt Ion: 97 Resp: 96828

Ion Ratio Lower Upper

97 100

99 64.1 51.7 77.5

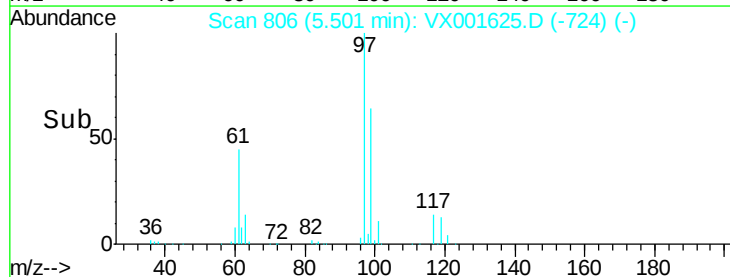
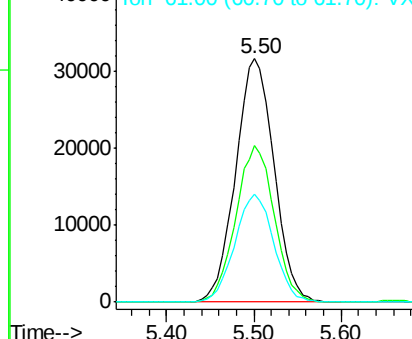
61 44.8 35.6 53.4

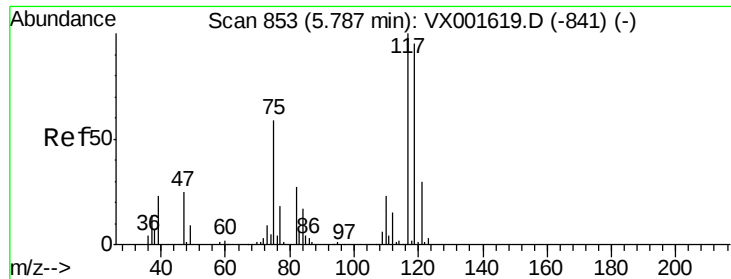


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

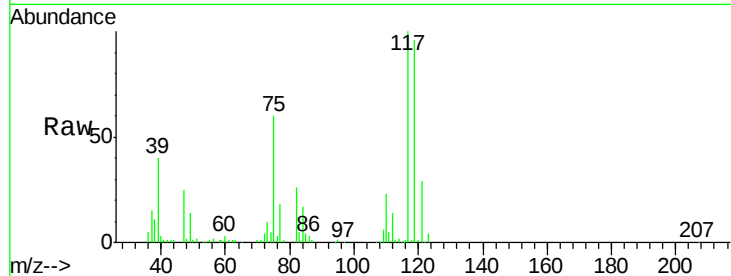




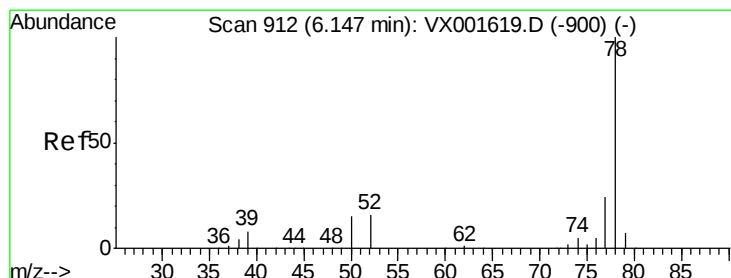
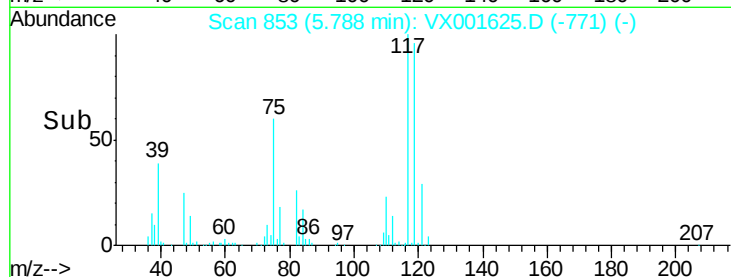
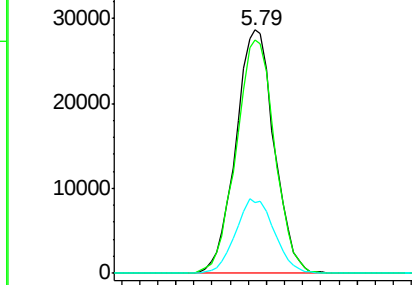
#33
Carbon Tetrachloride
Concen: 21.36 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tgt Ion:117 Resp: 83811
Ion Ratio Lower Upper
117 100
119 95.7 75.7 113.5
121 28.8 24.3 36.5

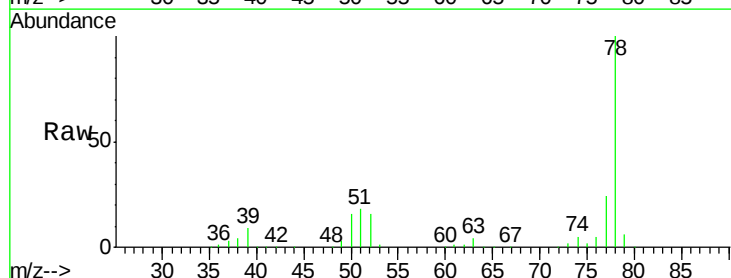


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

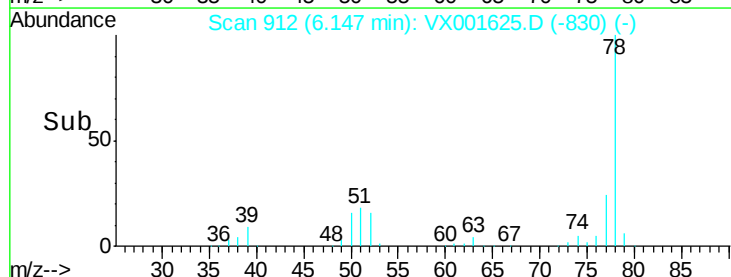
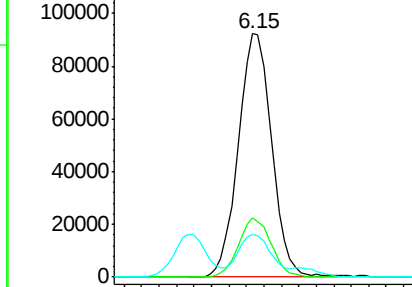


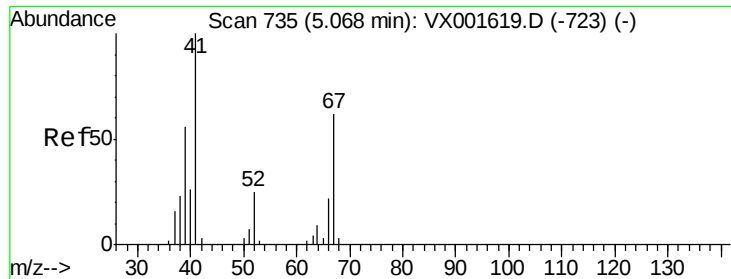
#34
Benzene
Concen: 21.89 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion: 78 Resp: 245135
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2
51 17.3 13.5 20.3



Abundance Ion 78.10 (77.80 to 78.80): VX0
Ion 77.00 (76.70 to 77.70): VX0
Ion 51.00 (50.70 to 51.70): VX0

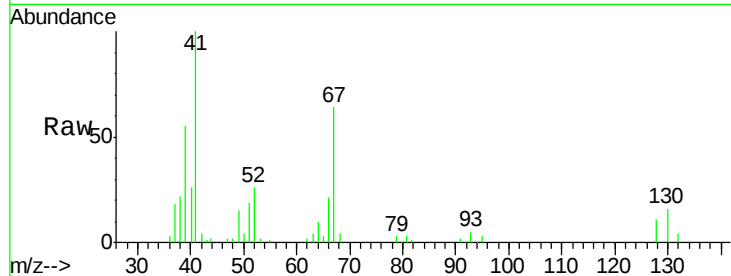




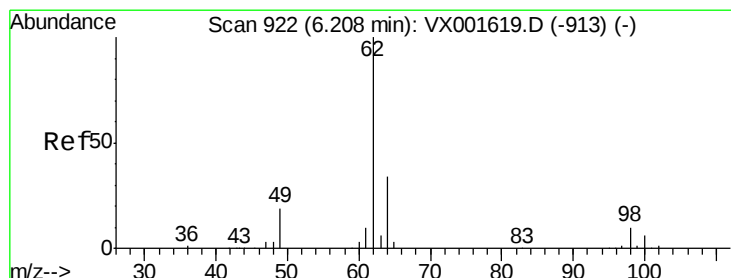
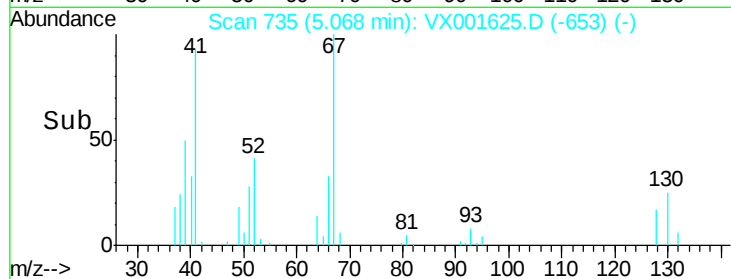
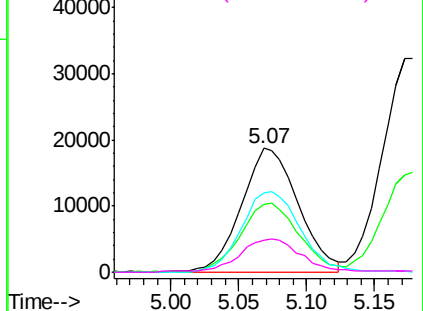
#35
Methacrylonitrile
Concen: 21.61 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tgt Ion:	41	Resp:	54160
Ion	Ratio	Lower	Upper
41	100		
39	54.6	27.9	83.6
67	64.3	30.9	92.5
52	25.0	12.6	37.8

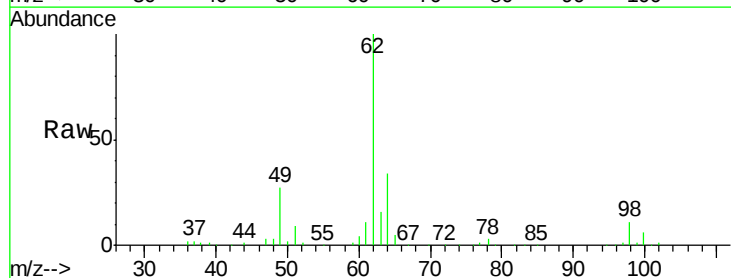


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

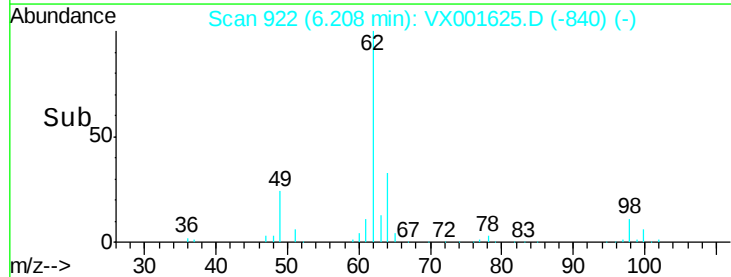
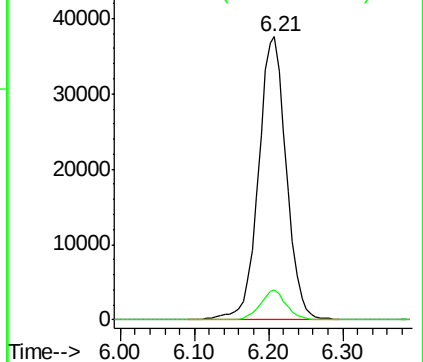


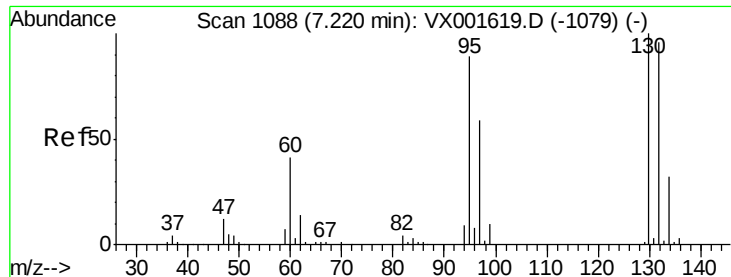
#36
1,2-Dichloroethane
Concen: 22.21 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion:	62	Resp:	98420
Ion	Ratio	Lower	Upper
62	100		
98	9.7	7.7	11.5



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

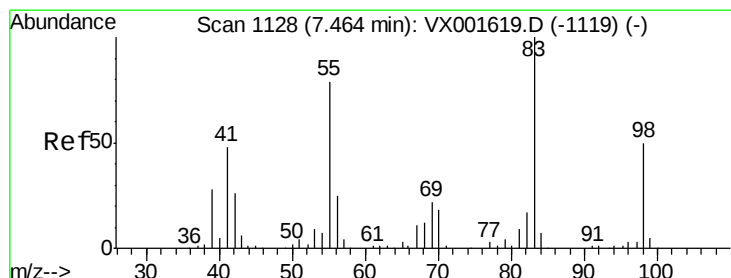
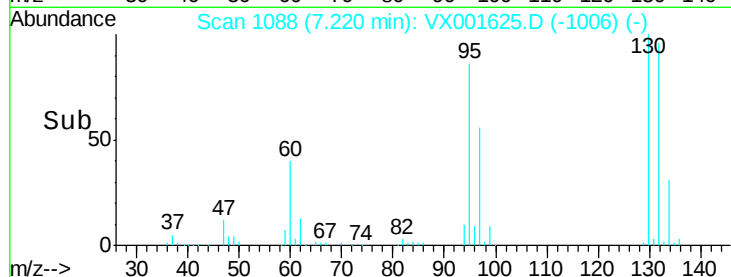
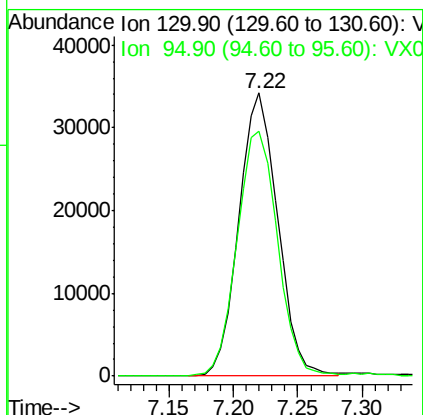
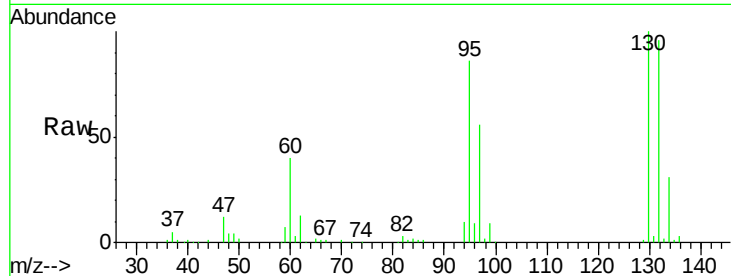




#37
 Trichloroethene
 Concen: 21.66 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

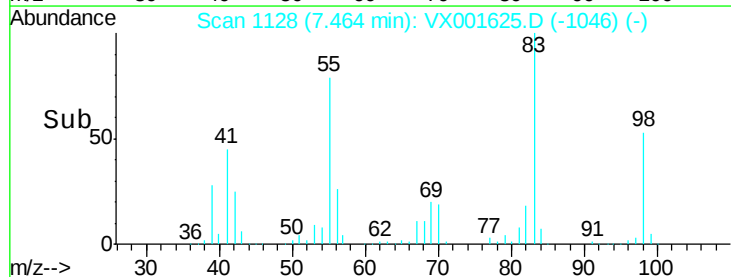
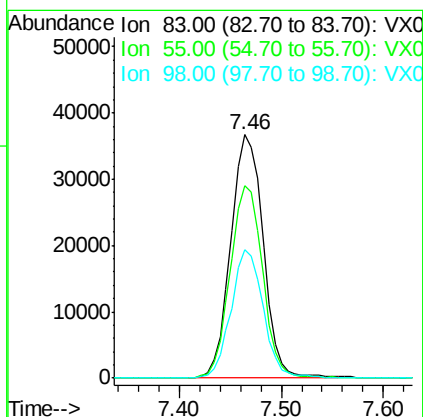
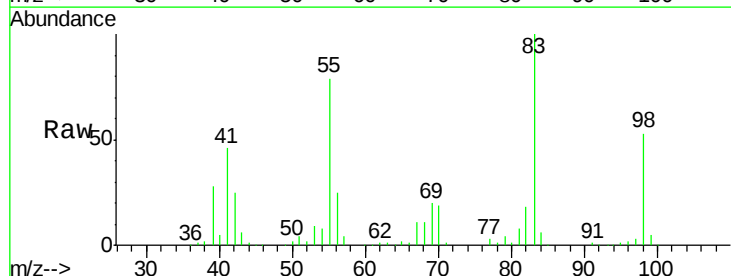
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

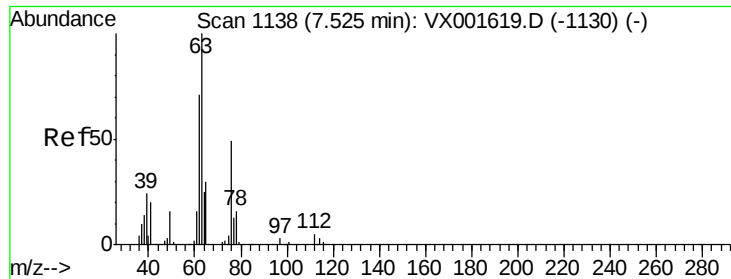
Tgt Ion: 130 Resp: 71492
 Ion Ratio Lower Upper
 130 100
 95 86.4 71.4 107.2



#38
 Methylcyclohexane
 Concen: 21.67 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion: 83 Resp: 81169
 Ion Ratio Lower Upper
 83 100
 55 78.3 39.6 118.7
 98 51.6 25.0 75.0





#39

1,2-Dichloropropane

Concen: 22.23 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

ClientSampleId :

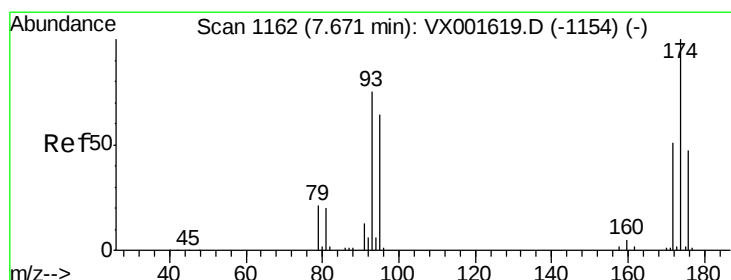
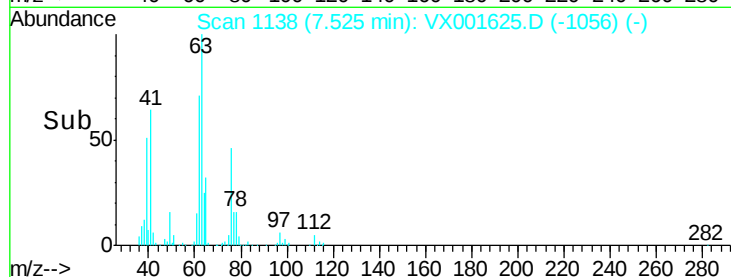
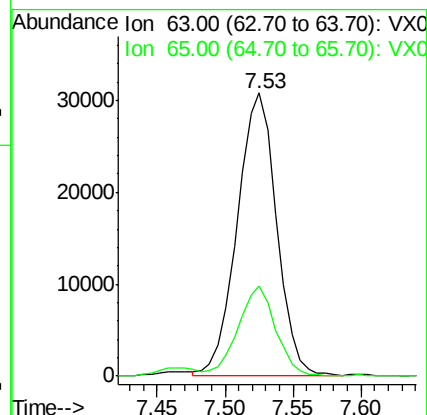
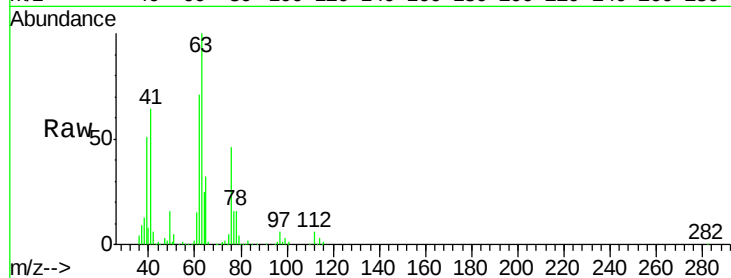
VX0510WBS01

Tgt Ion: 63 Resp: 62435

Ion Ratio Lower Upper

63 100

65 31.8 25.3 37.9



#40

Dibromomethane

Concen: 22.08 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

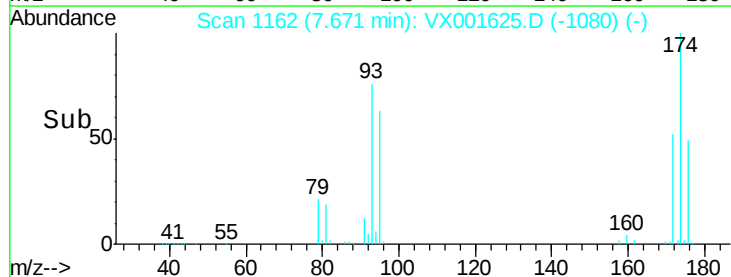
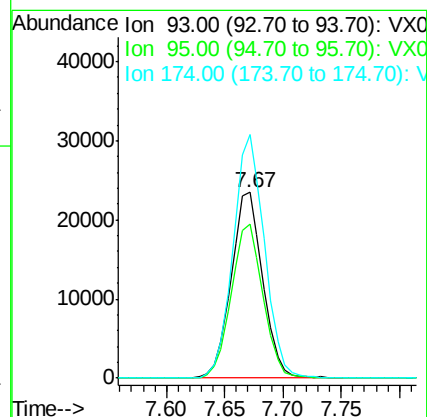
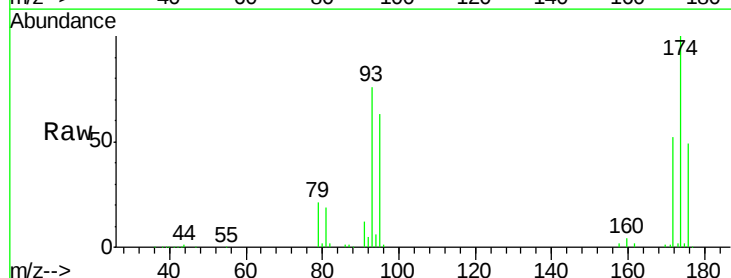
Tgt Ion: 93 Resp: 44429

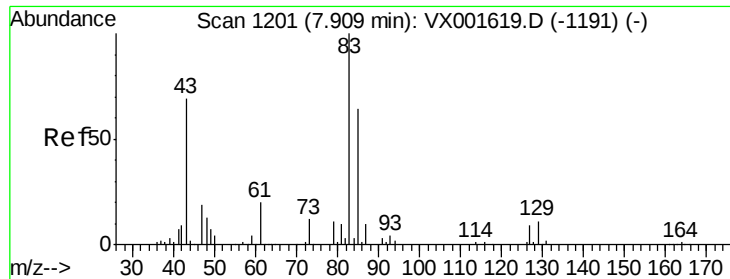
Ion Ratio Lower Upper

93 100

95 82.6 0.0 166.2

174 129.5 0.0 259.2





#41

Bromodichloromethane

Concen: 21.37 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

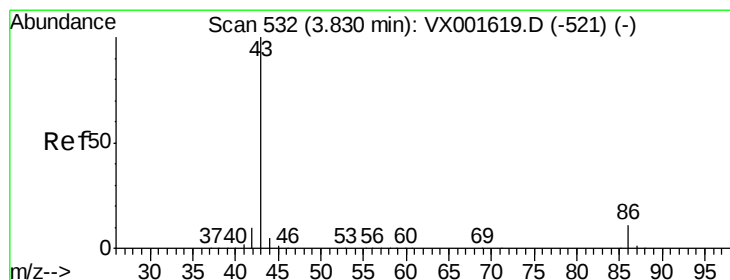
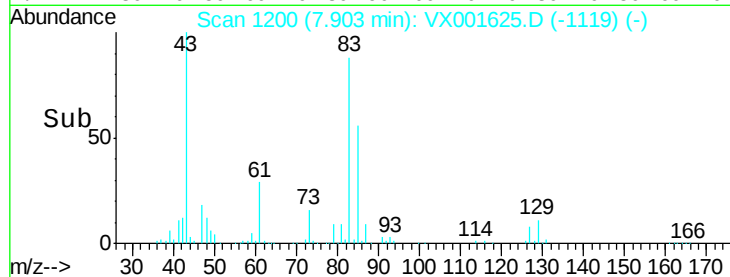
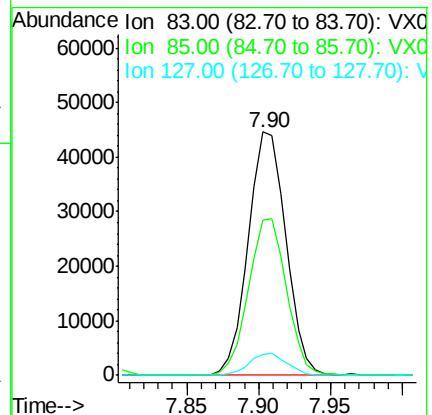
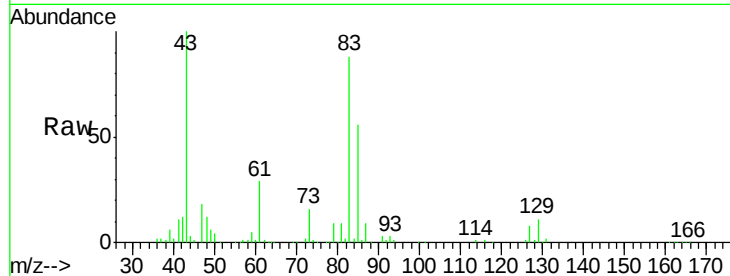
Tgt Ion: 83 Resp: 80904

Ion Ratio Lower Upper

83 100

85 63.7 51.3 76.9

127 8.8 7.5 11.3



#42

Vinyl Acetate

Concen: 109.76 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001625.D

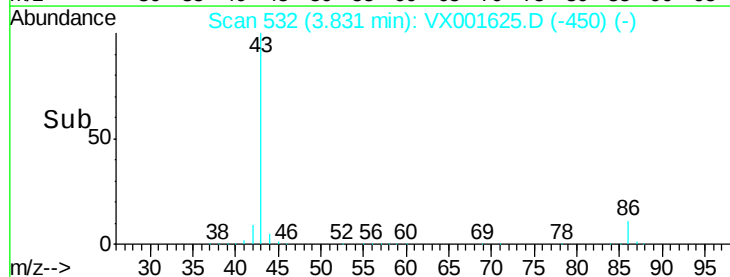
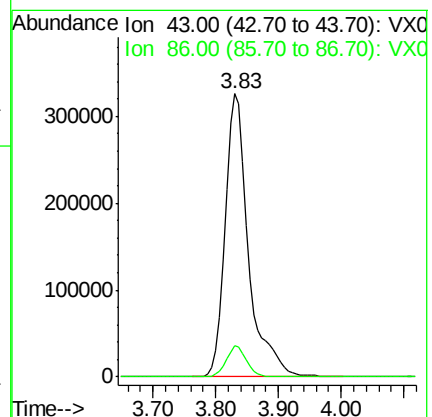
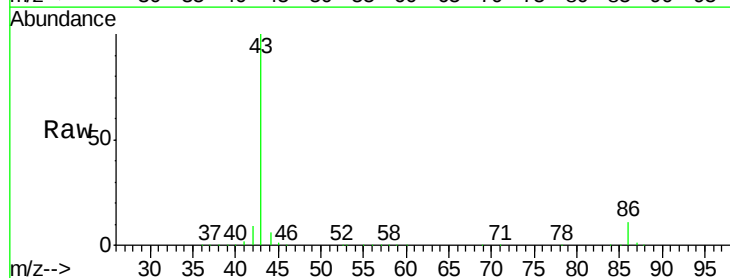
Acq: 11 May 2018 02:35

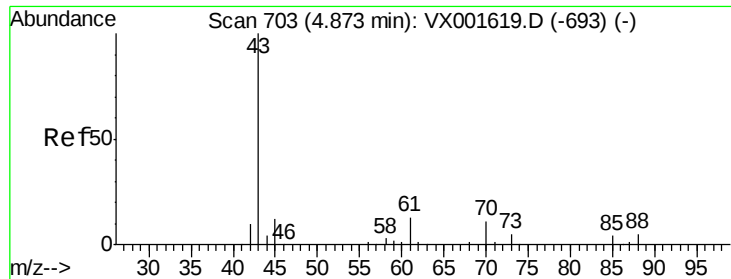
Tgt Ion: 43 Resp: 836857

Ion Ratio Lower Upper

43 100

86 9.5 7.4 11.2

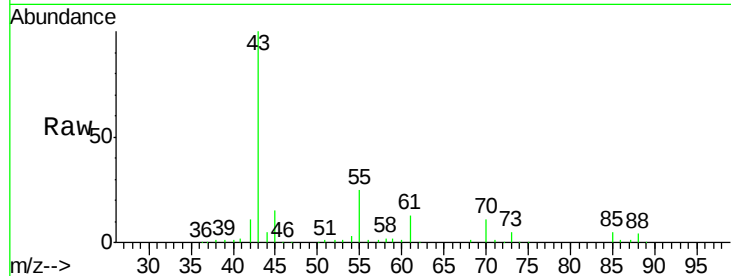




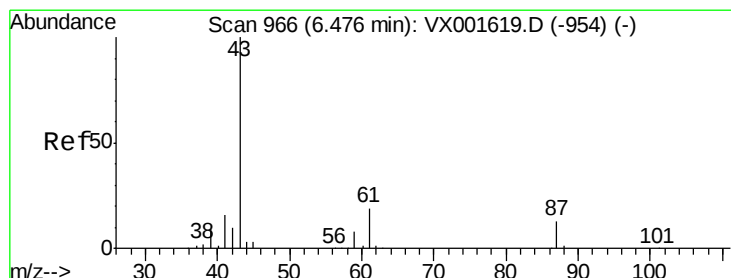
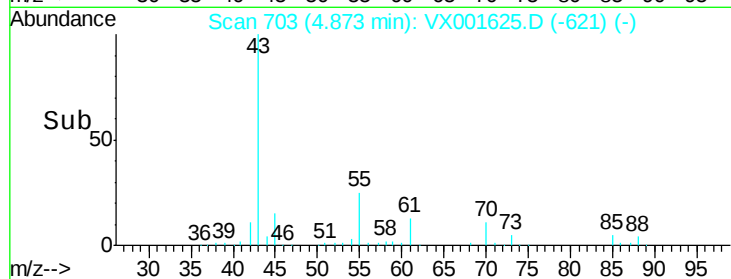
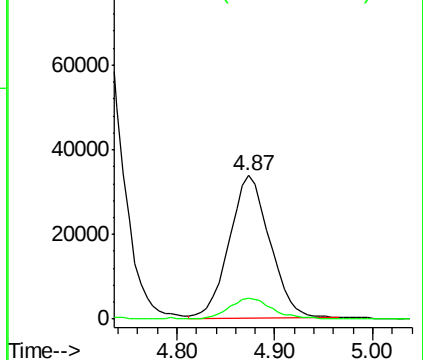
#43
Ethyl Acetate
Concen: 21.90 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tgt Ion: 43 Resp: 96505
Ion Ratio Lower Upper
43 100
45 14.5 12.7 19.1

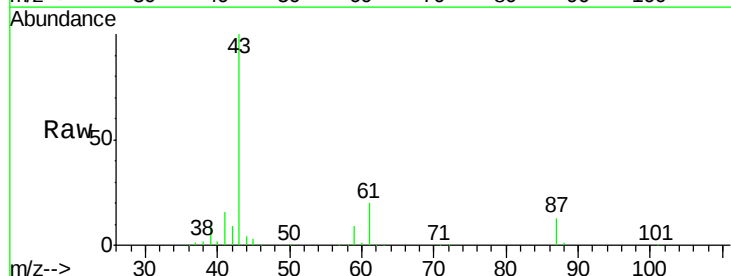


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 45.00 (44.70 to 45.70): VX0

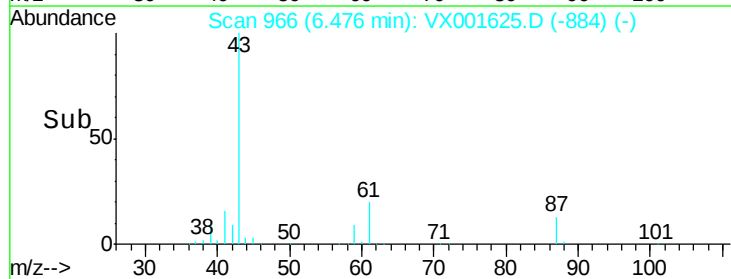
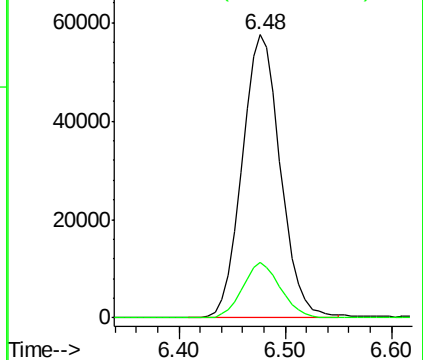


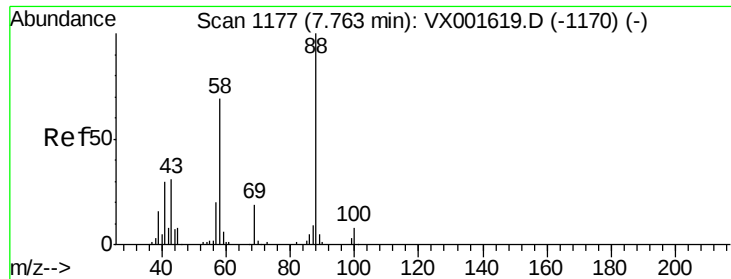
#44
Isopropyl Acetate
Concen: 21.43 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion: 43 Resp: 144583
Ion Ratio Lower Upper
43 100
61 19.5 15.1 22.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0

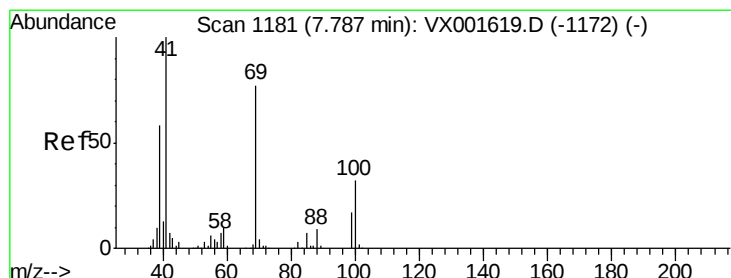
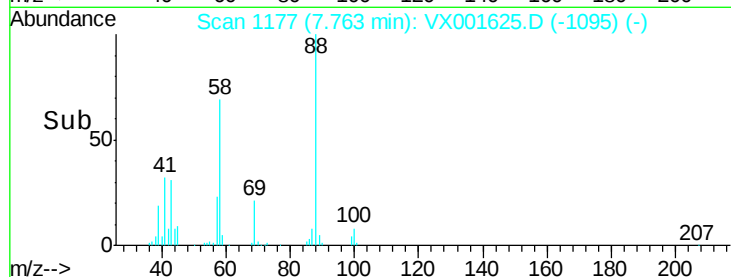
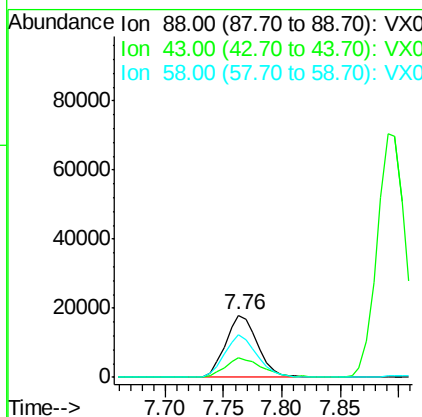
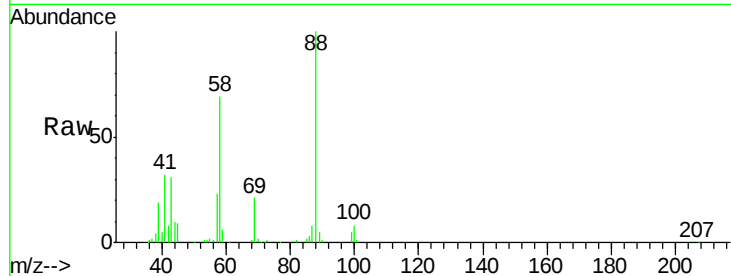




#45
 1,4-Dioxane
 Concen: 437.97 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

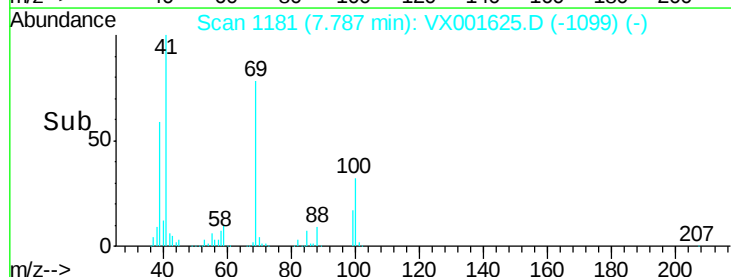
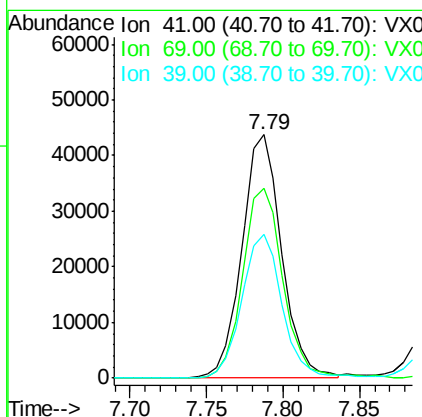
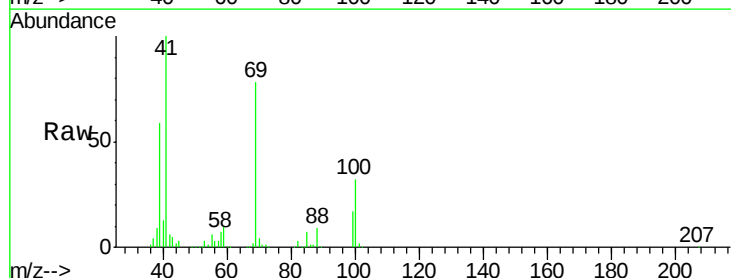
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

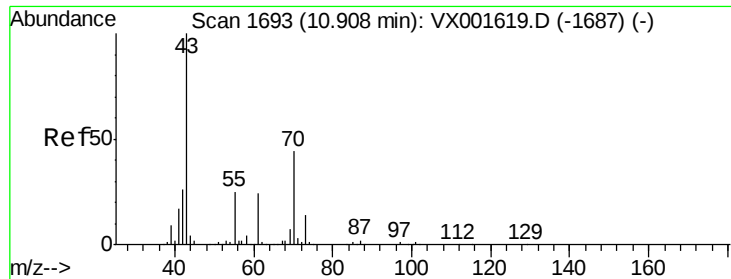
Tgt Ion: 88 Resp: 34646
 Ion Ratio Lower Upper
 88 100
 43 35.4 27.9 41.9
 58 68.8 55.3 82.9



#46
 Methyl methacrylate
 Concen: 21.41 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion: 41 Resp: 77986
 Ion Ratio Lower Upper
 41 100
 69 78.2 38.4 115.2
 39 59.1 29.0 87.1

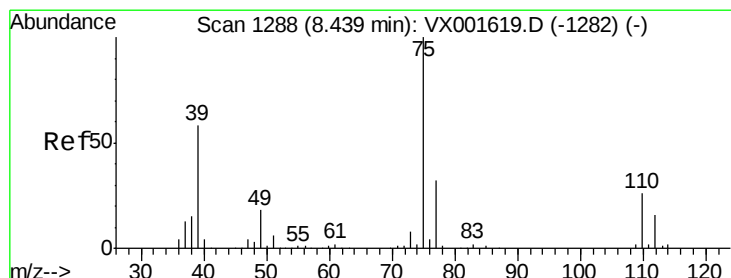
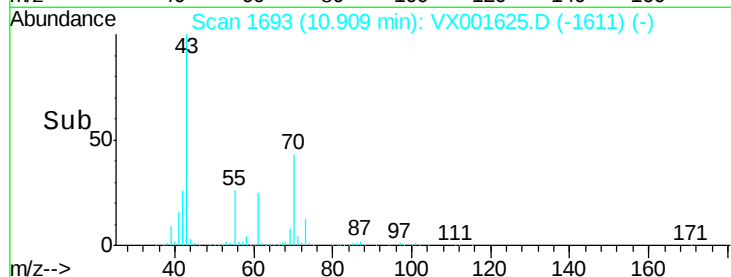
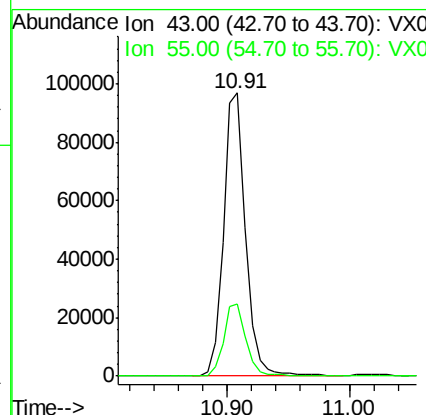
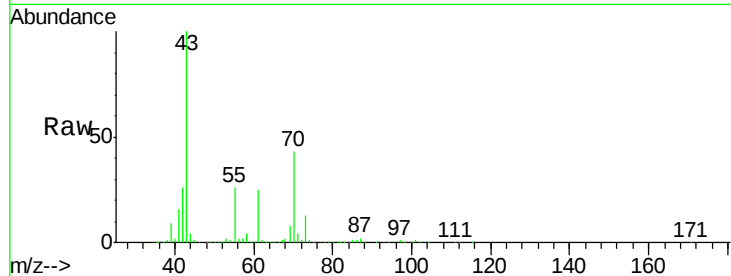




#47
n-amy1 Acetate
Concen: 20.94 ug/l
RT: 10.91 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

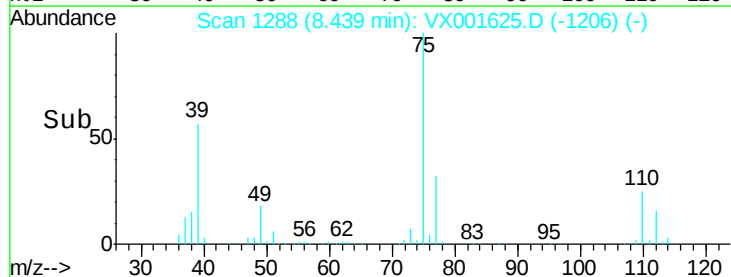
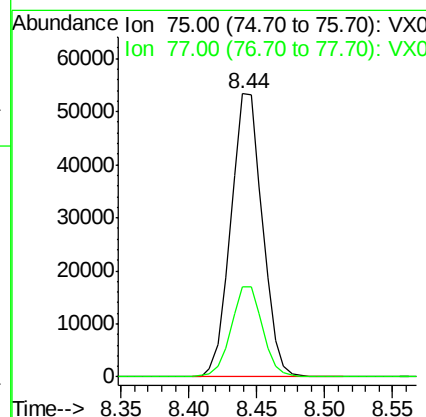
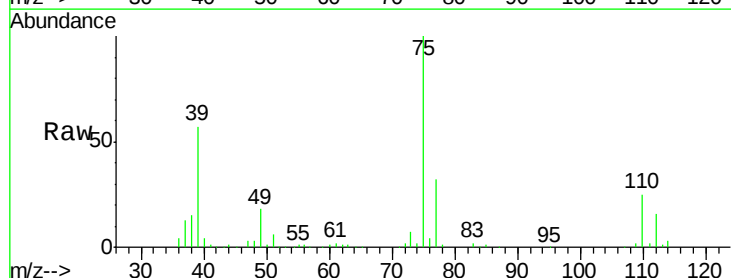
Instrument :
MSVOA_X
ClientSampled :
VX0510WBS01

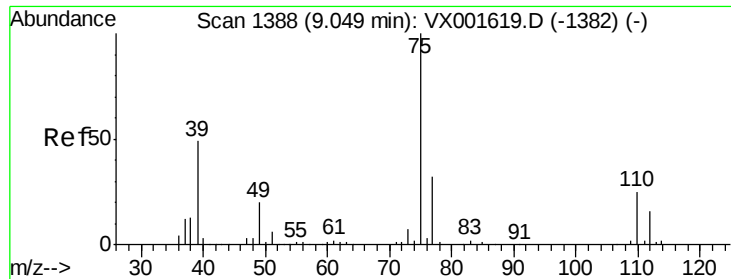
Tgt Ion: 43 Resp: 120659
Ion Ratio Lower Upper
43 100
55 26.2 20.8 31.2



#48
t-1,3-Dichloropropene
Concen: 20.69 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion: 75 Resp: 86430
Ion Ratio Lower Upper
75 100
77 31.7 25.5 38.3

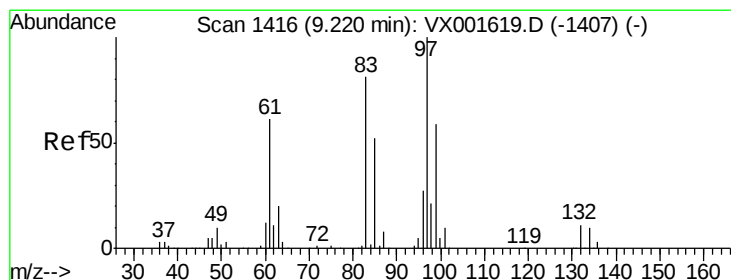
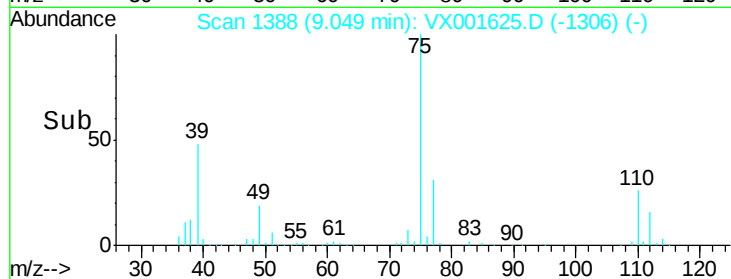
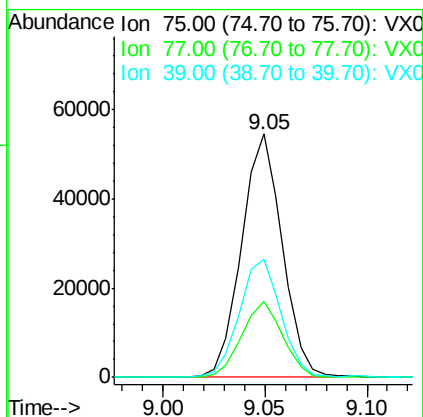
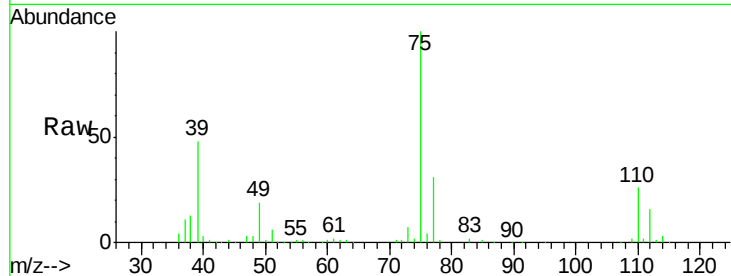




#49
 cis-1,3-Dichloropropene
 Concen: 20.47 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

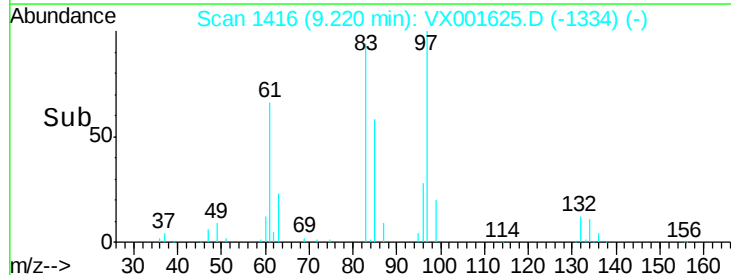
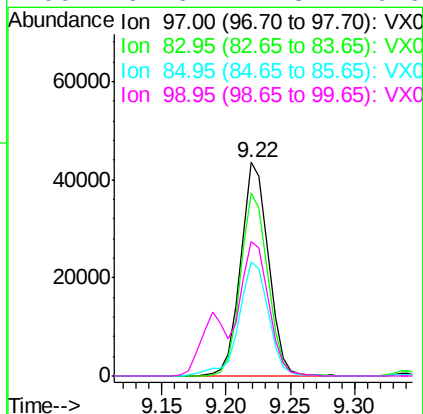
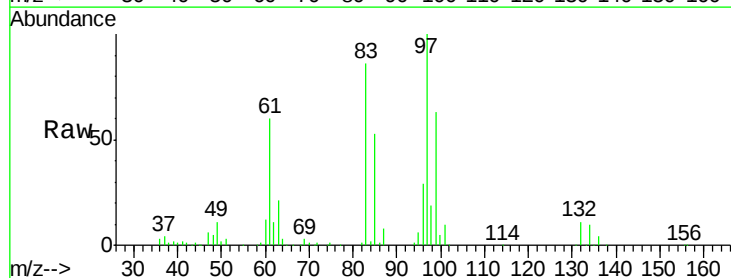
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

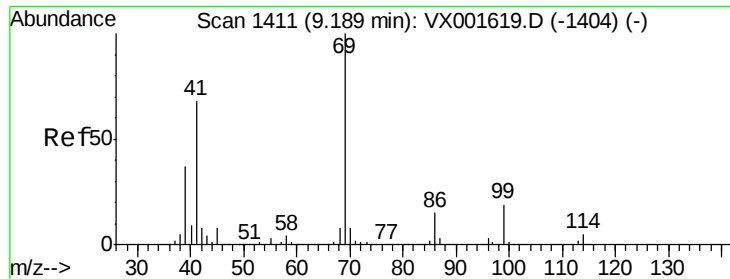
Tgt Ion: 75 Resp: 75558
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.8 38.6
 39 48.2 39.4 59.0



#50
 1,1,2-Trichloroethane
 Concen: 21.76 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion: 97 Resp: 64842
 Ion Ratio Lower Upper
 97 100
 83 85.8 65.0 97.6
 85 53.2 41.5 62.3
 99 62.6 47.3 70.9





#51

Ethyl methacrylate

Concen: 21.54 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

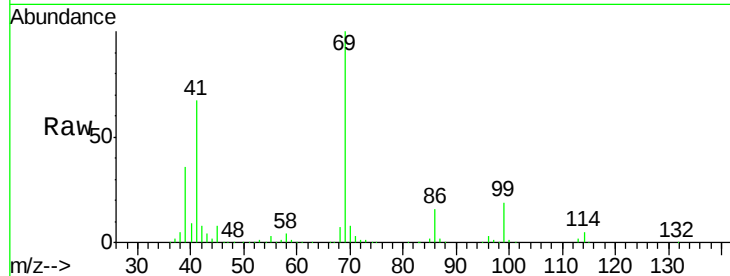
Tgt Ion: 69 Resp: 92522

Ion Ratio Lower Upper

69 100

41 66.6 33.9 101.6

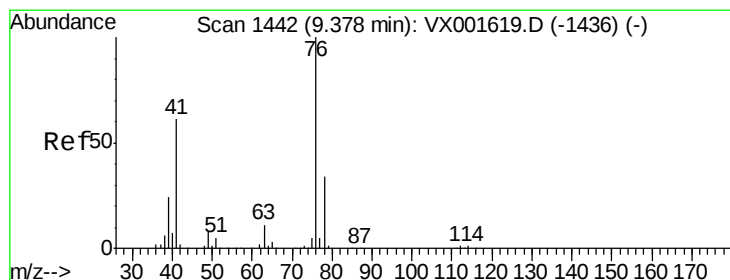
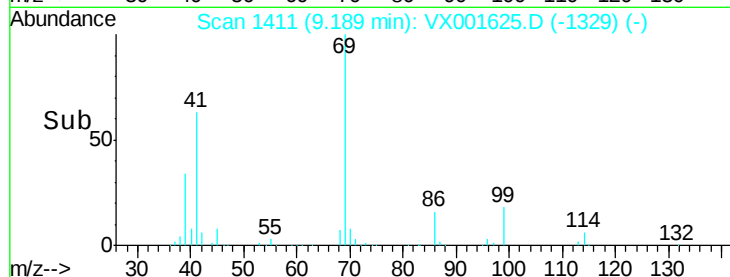
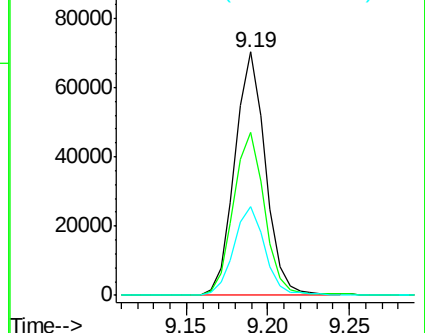
39 36.2 18.4 55.2



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: 21.85 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001625.D

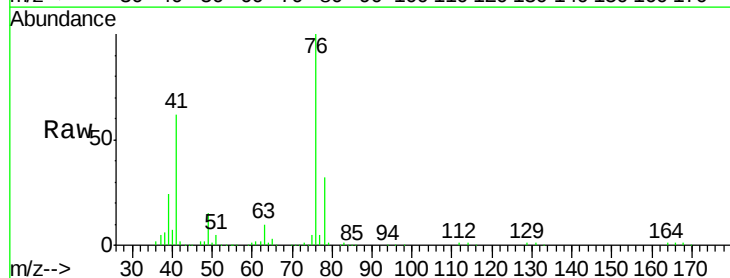
Acq: 11 May 2018 02:35

Tgt Ion: 76 Resp: 107268

Ion Ratio Lower Upper

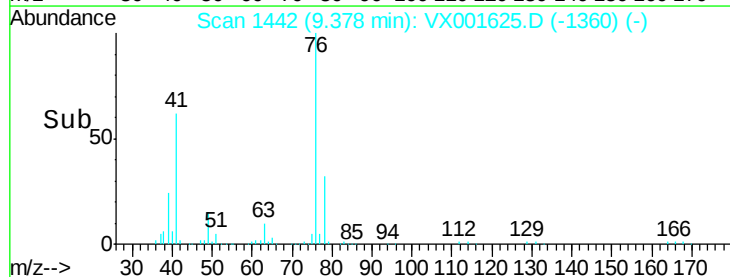
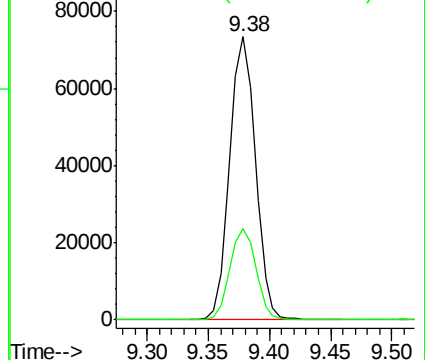
76 100

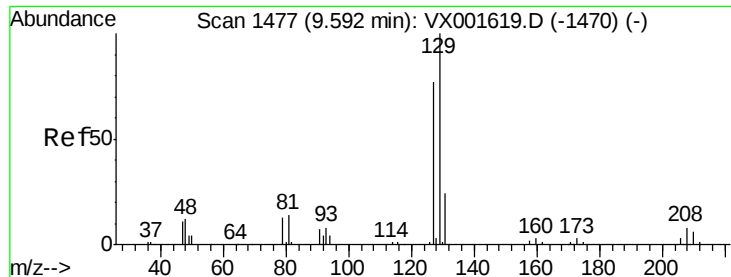
78 32.7 0.0 65.8



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

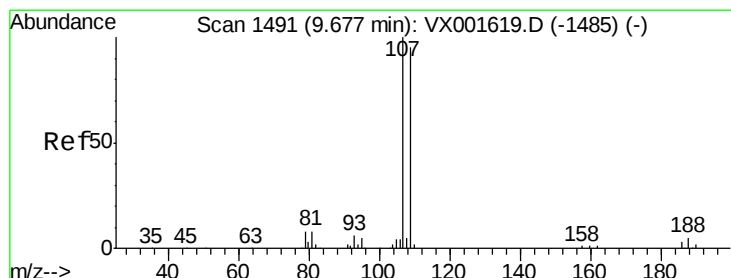
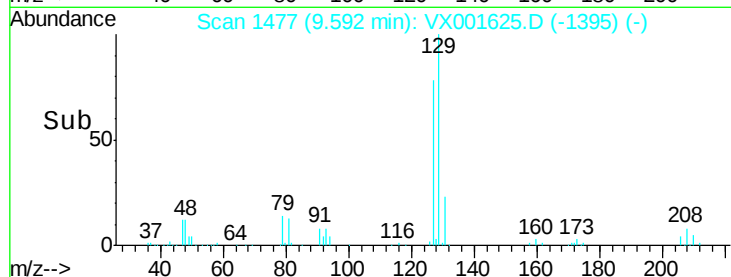
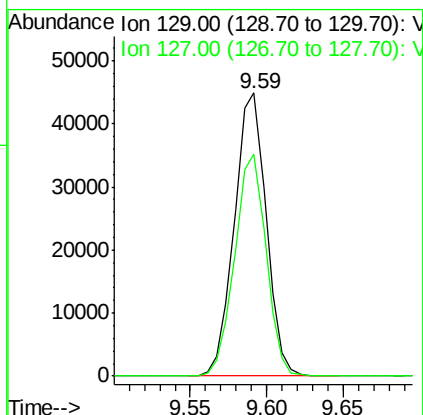
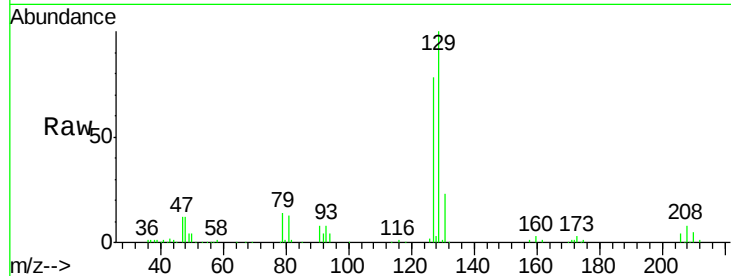




#53
 Dibromochloromethane
 Concen: 20.94 ug/l
 RT: 9.59 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

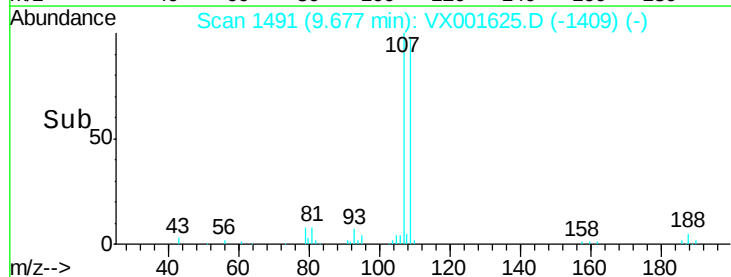
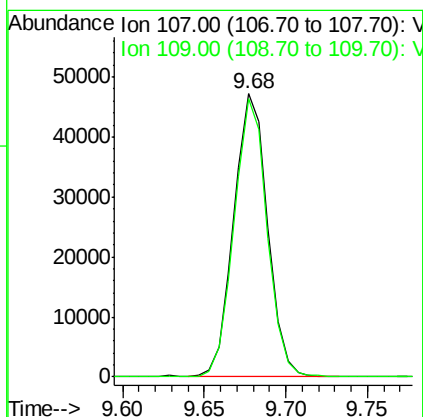
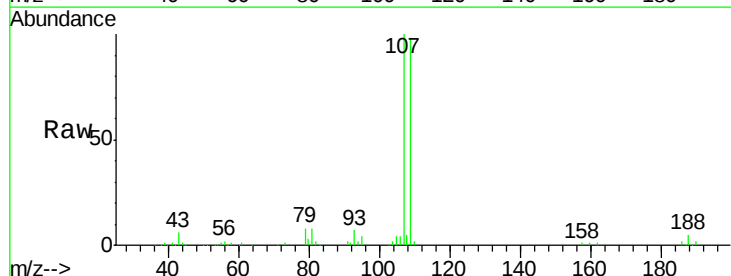
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

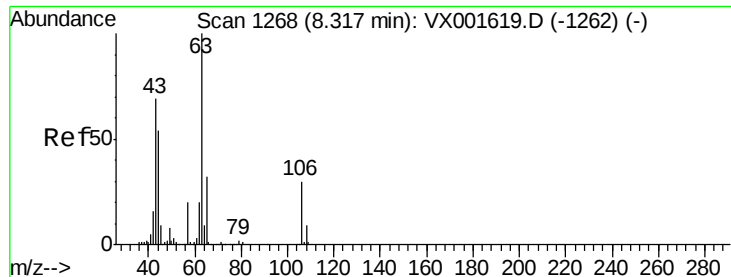
Tgt Ion:129 Resp: 64792
 Ion Ratio Lower Upper
 129 100
 127 77.4 37.9 113.7



#54
 1,2-Dibromoethane
 Concen: 21.65 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion:107 Resp: 68027
 Ion Ratio Lower Upper
 107 100
 109 96.1 75.0 112.6

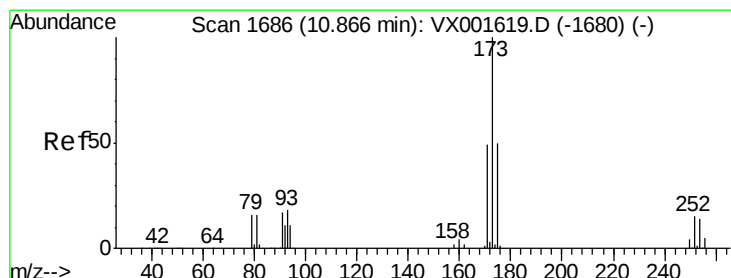
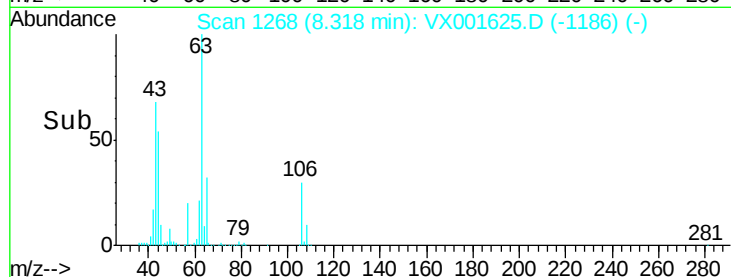
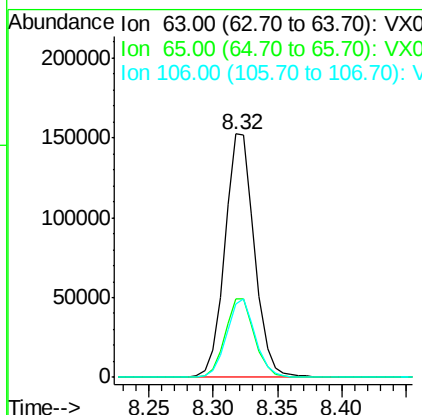
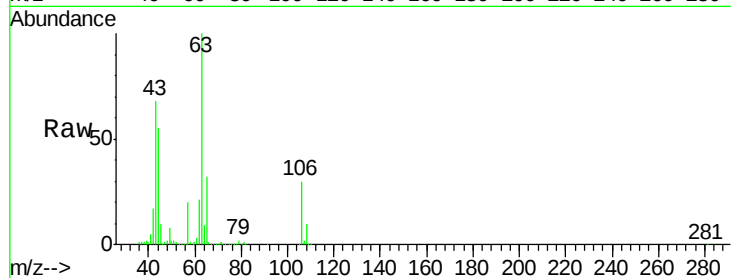




#55
 2-Chloroethyl vinyl ether
 Concen: 107.66 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

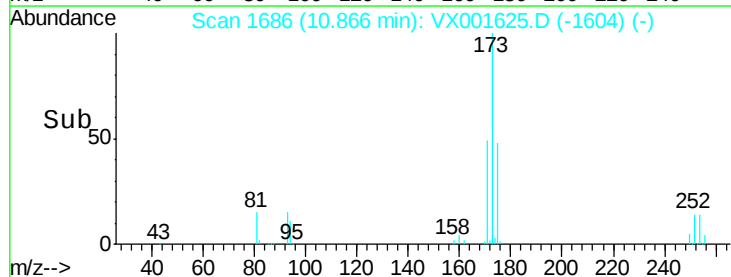
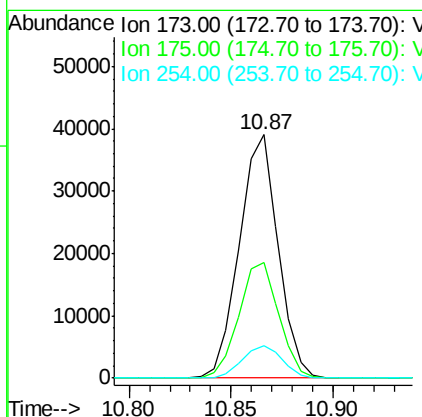
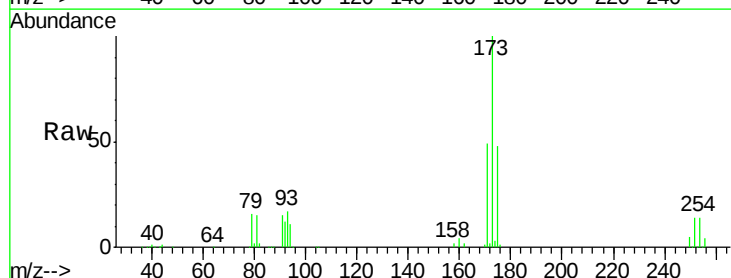
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

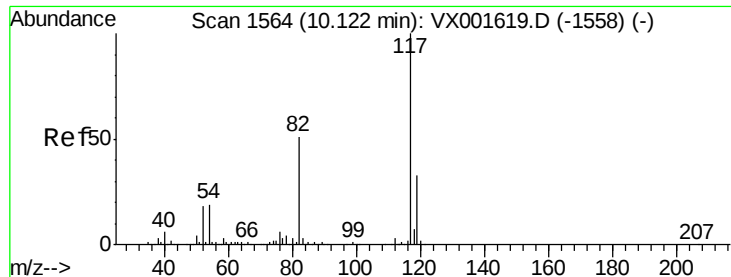
Tgt Ion: 63 Resp: 245864
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.8 38.8
 106 31.0 24.8 37.2



#56
 Bromoform
 Concen: 20.34 ug/l
 RT: 10.87 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion: 173 Resp: 51443
 Ion Ratio Lower Upper
 173 100
 175 48.9 39.8 59.8
 254 13.7 10.7 16.1

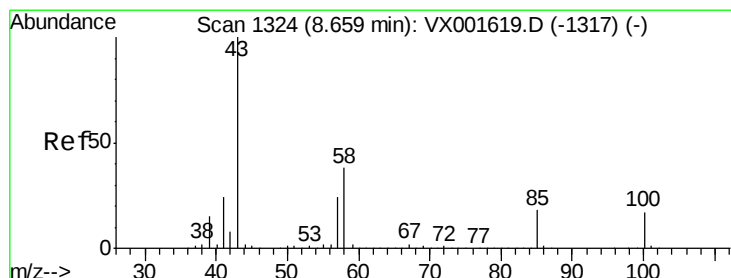
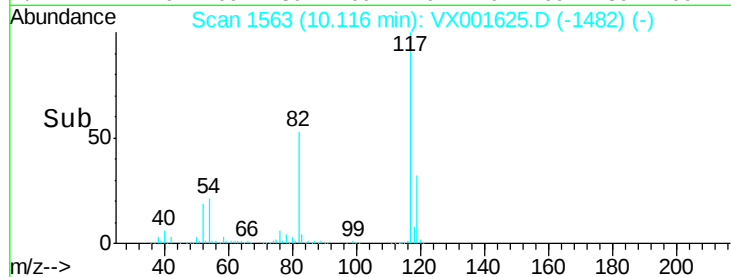
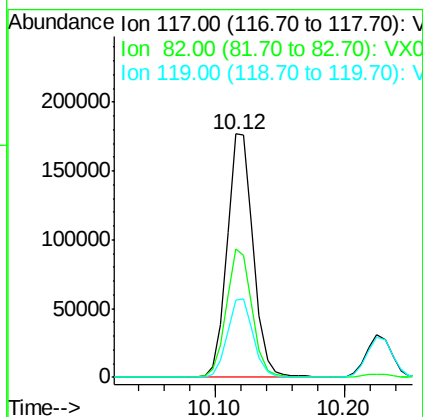
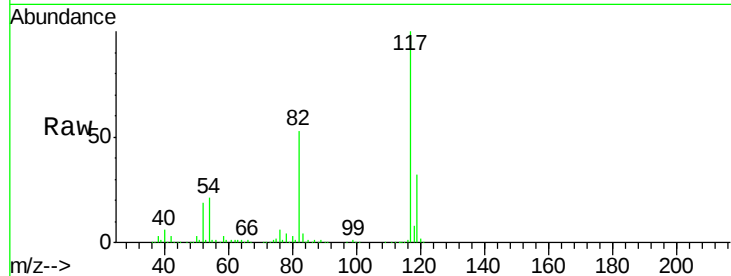




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

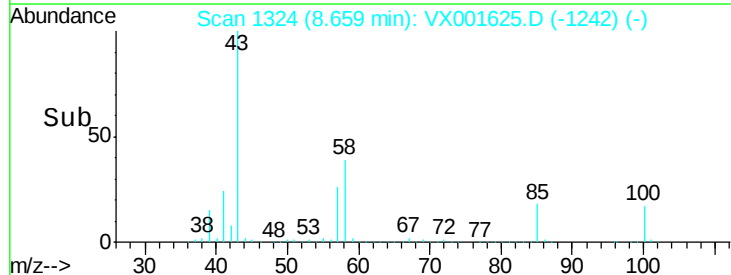
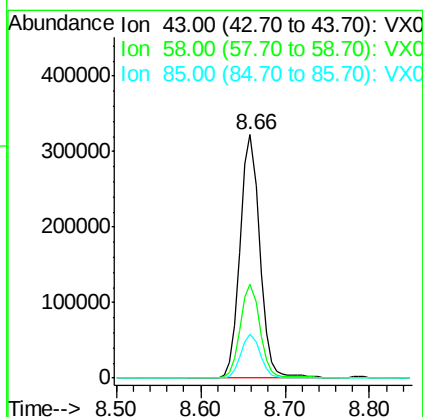
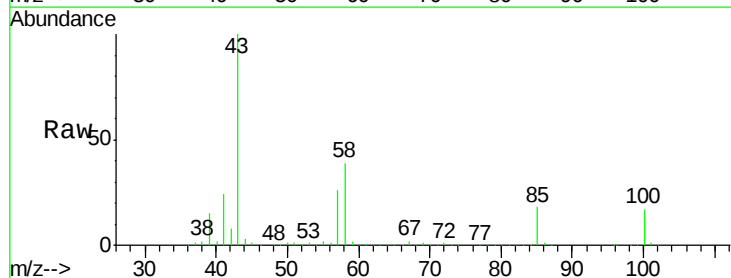
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

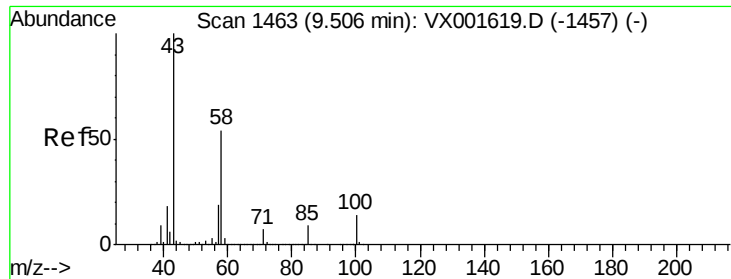
Tgt Ion: 117 Resp: 251575
Ion Ratio Lower Upper
117 100
82 51.9 42.2 63.2
119 32.1 26.3 39.5



#58
4-Methyl-2-Pentanone
Concen: 111.81 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion: 43 Resp: 505950
Ion Ratio Lower Upper
43 100
58 38.1 30.4 45.6
85 18.0 14.3 21.5

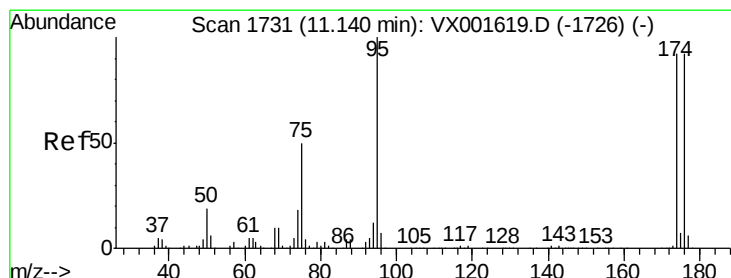
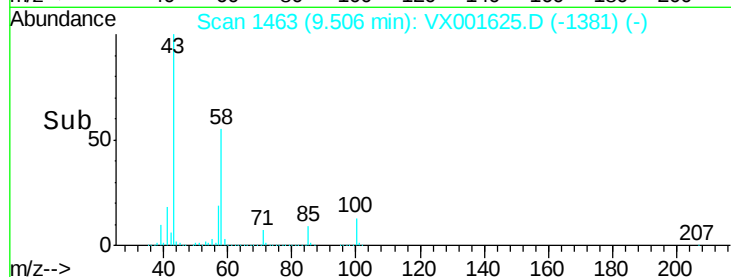
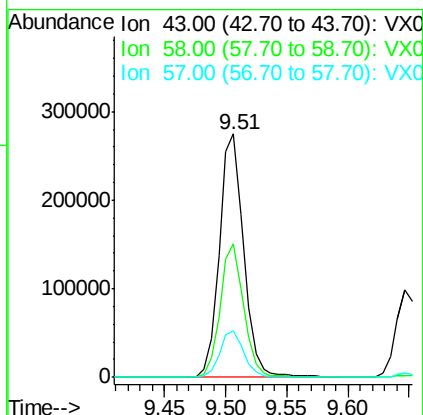
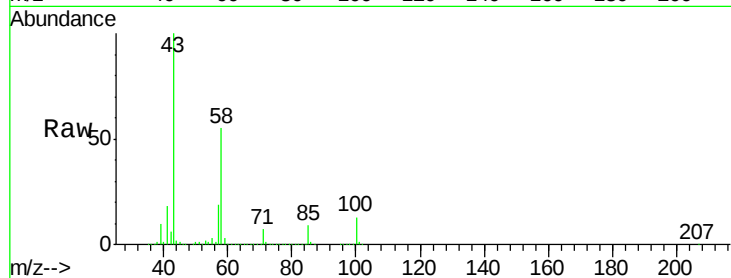




#59
2-Hexanone
Concen: 111.72 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

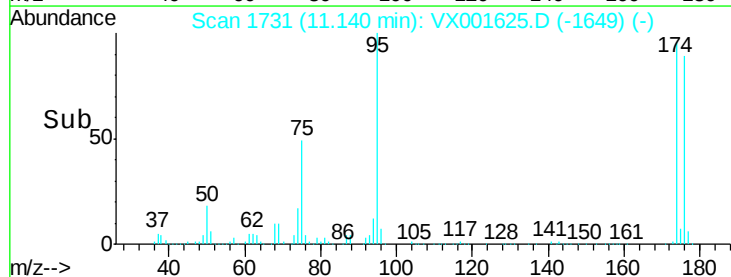
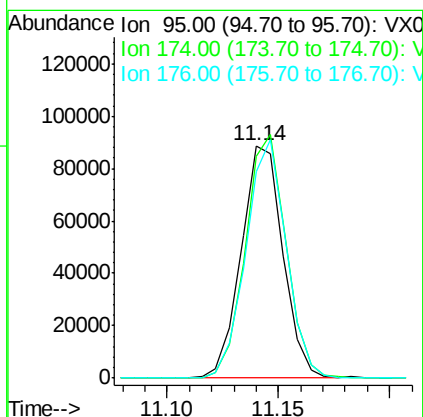
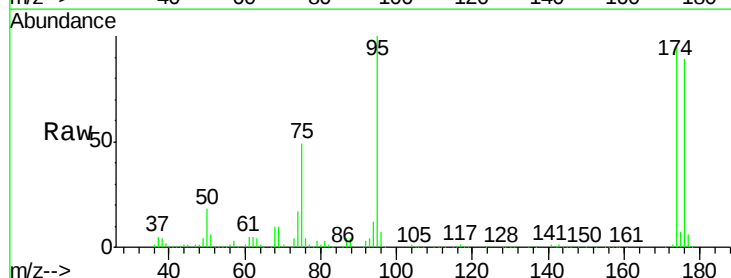
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

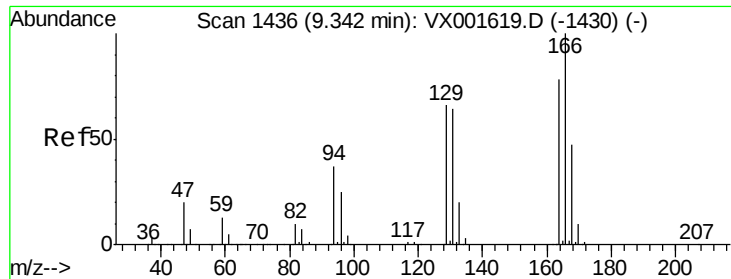
Tgt Ion: 43 Resp: 378752
Ion Ratio Lower Upper
43 100
58 53.6 43.0 64.4
57 19.0 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 29.17 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion: 95 Resp: 116119
Ion Ratio Lower Upper
95 100
174 102.1 80.2 120.2
176 99.0 79.2 118.8

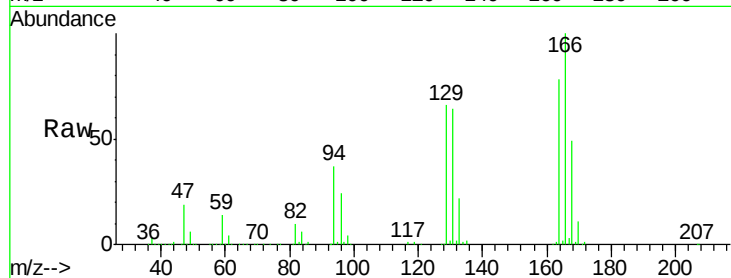




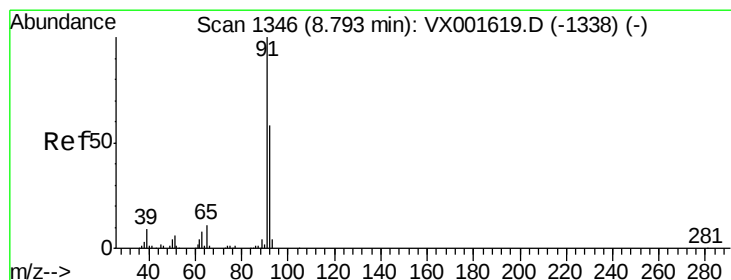
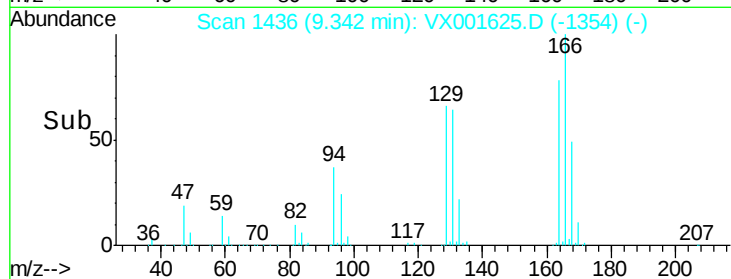
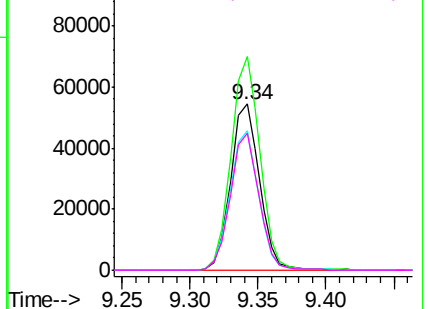
#61
Tetrachloroethene
Concen: 22.05 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Instrument :
MSVOA_X
ClientSampled :
VX0510WBS01

Tgt Ion:164 Resp: 80713
Ion Ratio Lower Upper
164 100
166 128.5 102.8 154.2
129 84.2 67.8 101.8
131 82.7 66.2 99.2

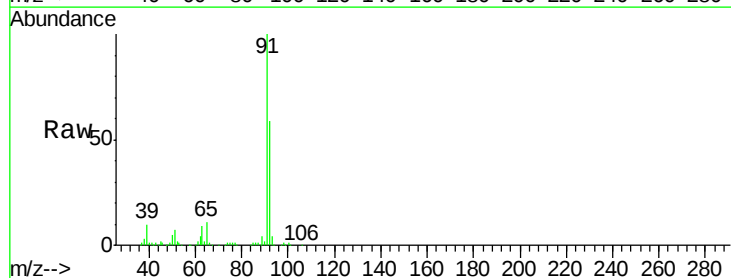


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

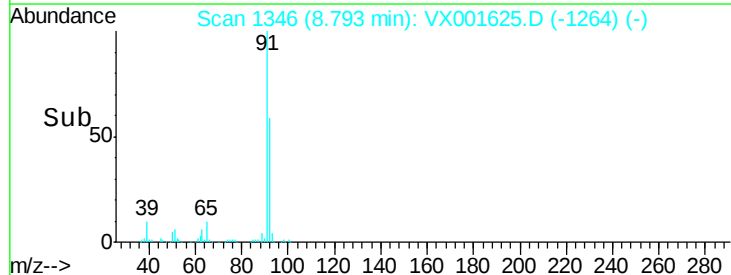
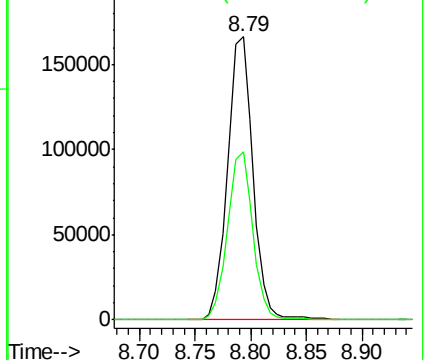


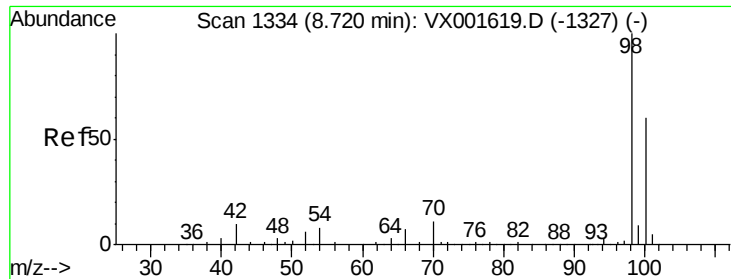
#62
Toluene
Concen: 21.74 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion: 91 Resp: 263134
Ion Ratio Lower Upper
91 100
92 59.4 47.4 71.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.06 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

ClientSampleId :

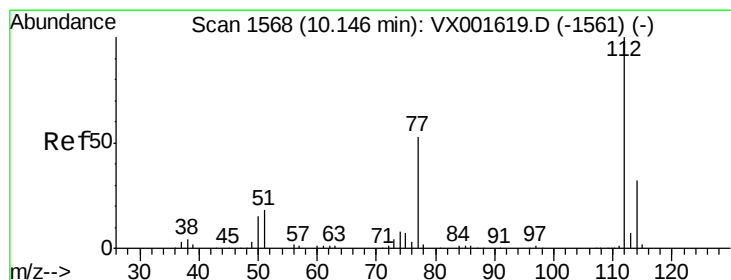
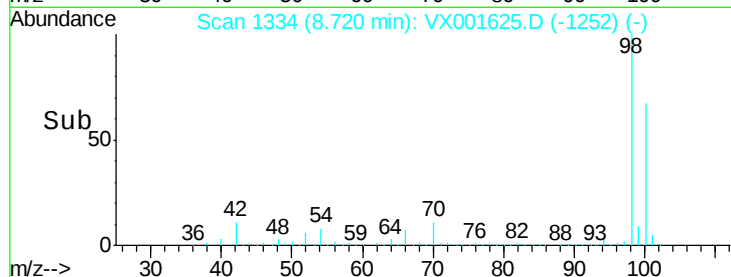
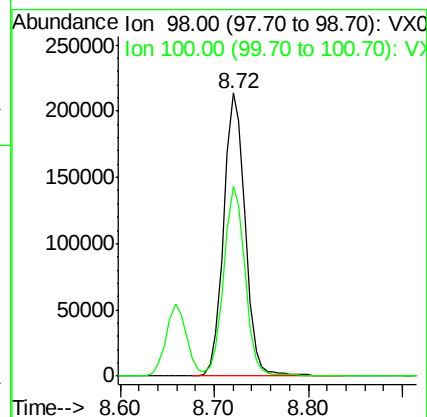
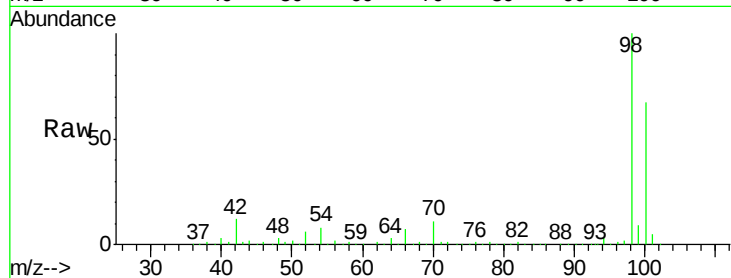
VX0510WBS01

Tgt Ion: 98 Resp: 337248

Ion Ratio Lower Upper

98 100

100 67.3 52.2 78.2



#64

Chlorobenzene

Concen: 21.73 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001625.D

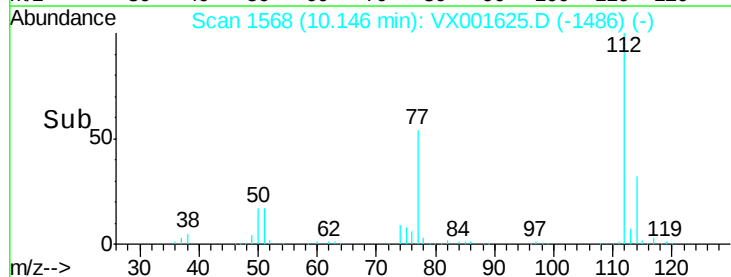
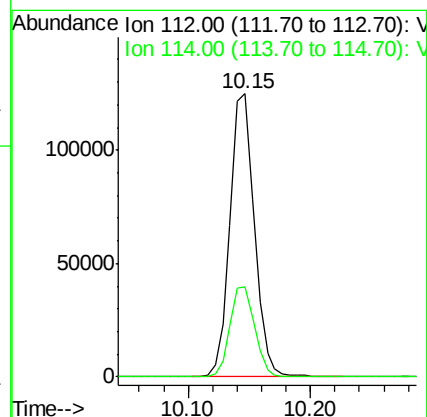
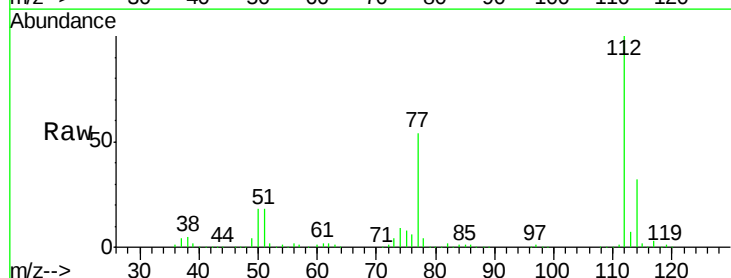
Acq: 11 May 2018 02:35

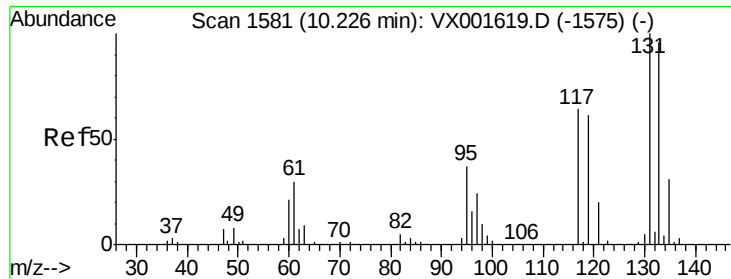
Tgt Ion: 112 Resp: 172772

Ion Ratio Lower Upper

112 100

114 31.7 25.3 37.9





#65

1,1,1,2-Tetrachloroethane

Concen: 21.55 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

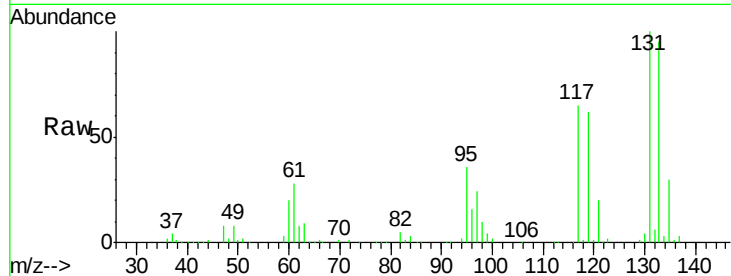
Tgt Ion: 131 Resp: 64741

Ion Ratio Lower Upper

131 100

133 95.7 0.0 191.4

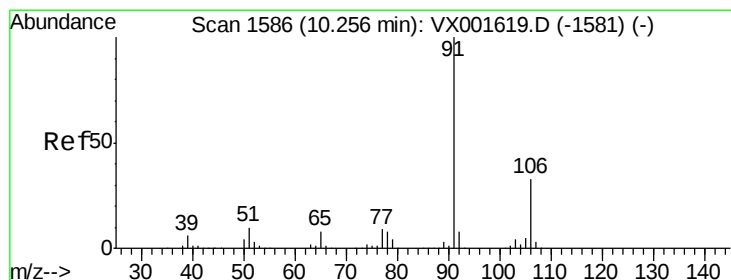
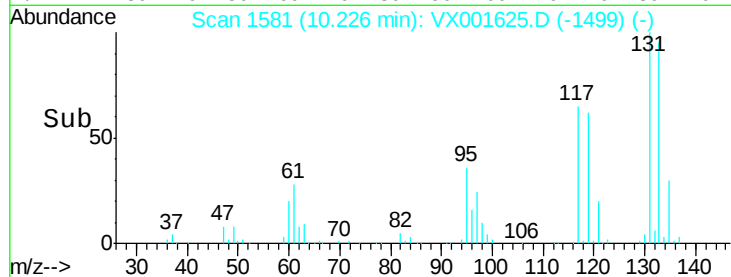
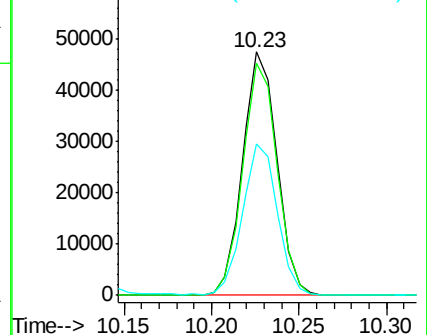
119 62.9 0.0 124.2



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: 21.73 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001625.D

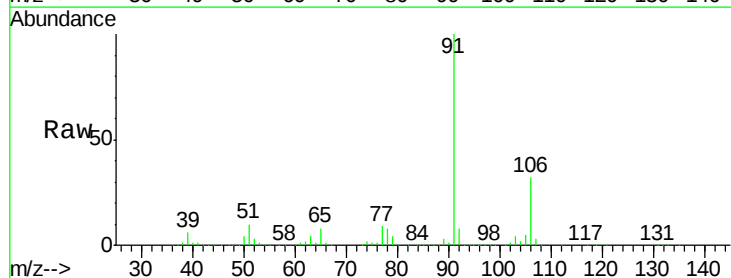
Acq: 11 May 2018 02:35

Tgt Ion: 91 Resp: 272869

Ion Ratio Lower Upper

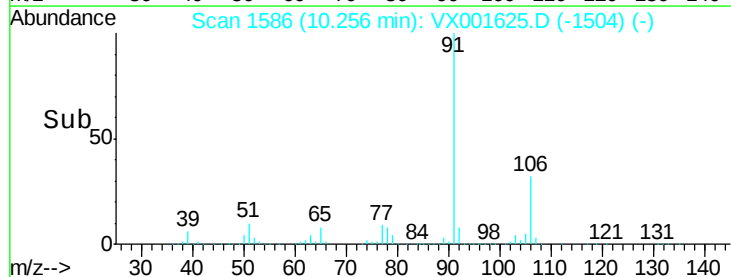
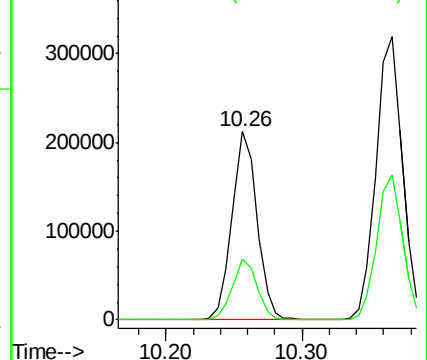
91 100

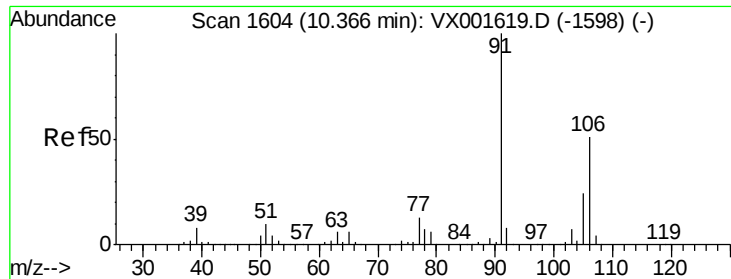
106 32.0 26.2 39.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

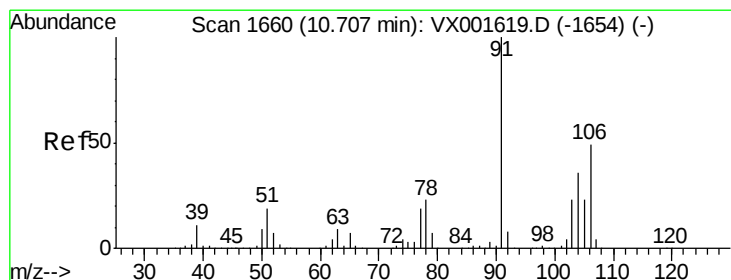
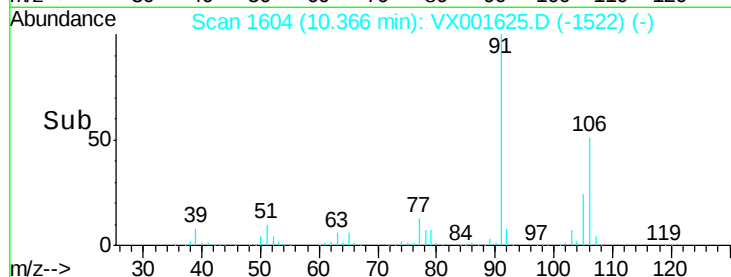
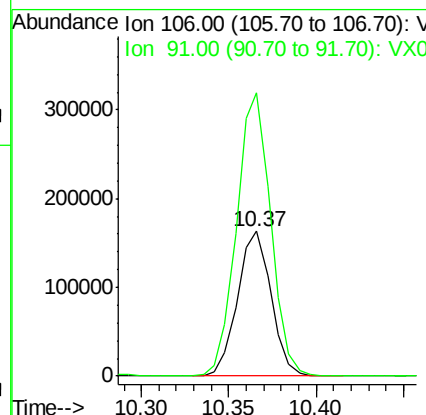
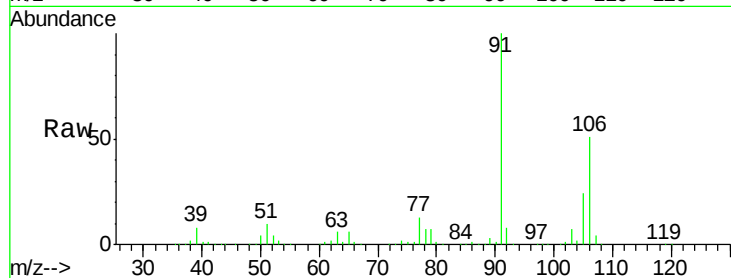




#67
m/p-Xylenes
Concen: 43.22 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

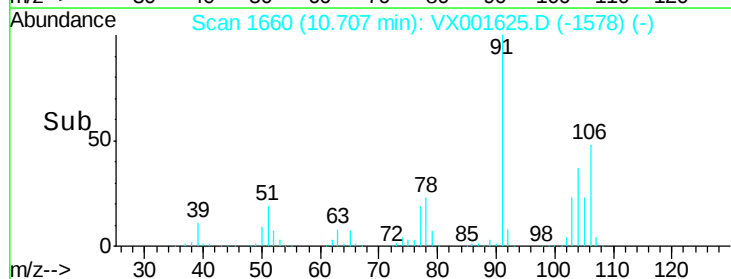
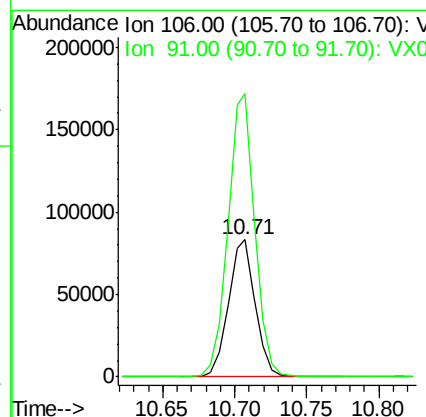
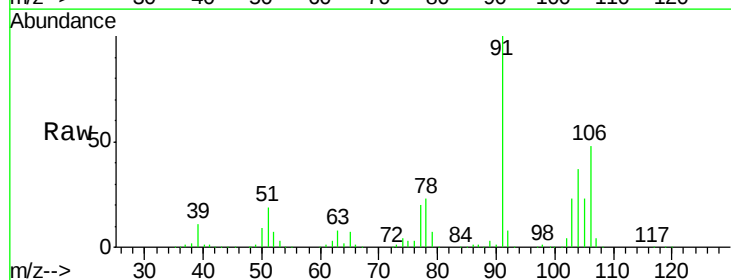
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

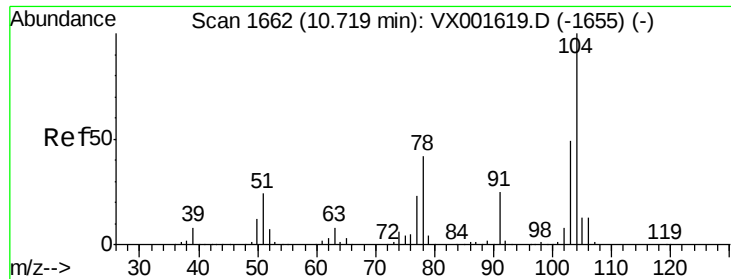
Tgt Ion:106 Resp: 216741
Ion Ratio Lower Upper
106 100
91 199.5 157.8 236.8



#68
o-Xylene
Concen: 21.86 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion:106 Resp: 108475
Ion Ratio Lower Upper
106 100
91 207.2 104.3 312.8

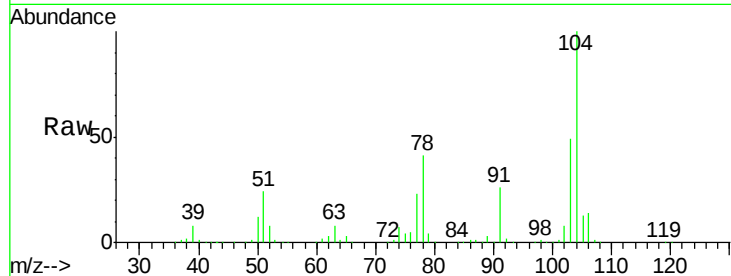




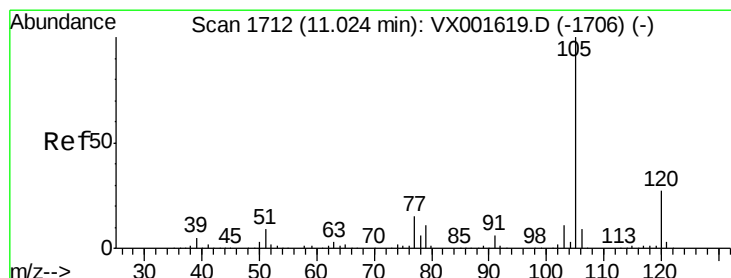
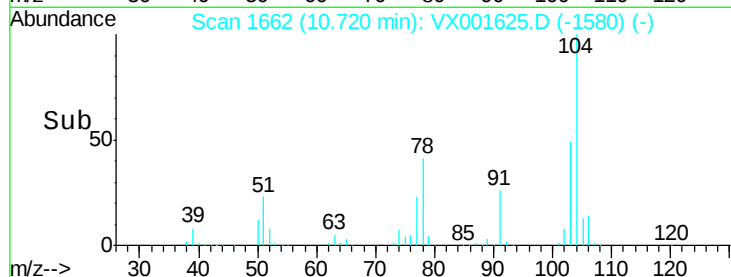
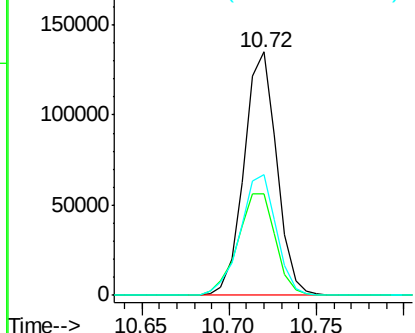
#69
Styrene
Concen: 21.50 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tgt Ion:104 Resp: 176030
Ion Ratio Lower Upper
104 100
78 48.3 39.3 58.9
103 54.6 43.7 65.5

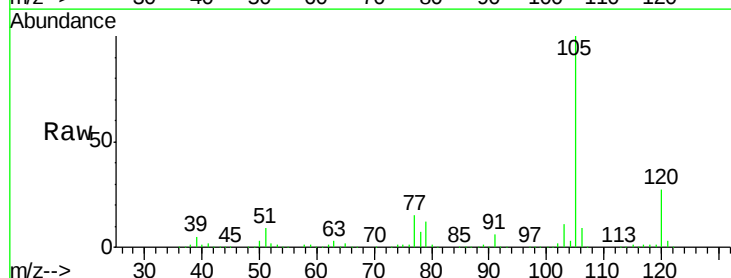


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

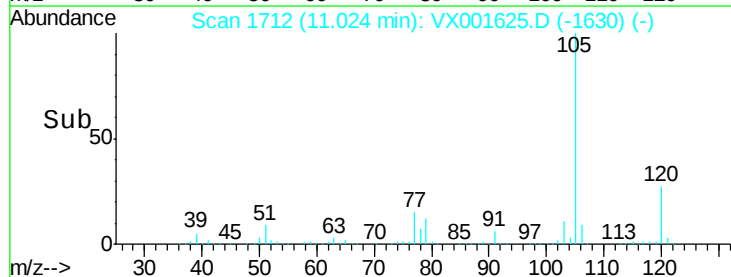
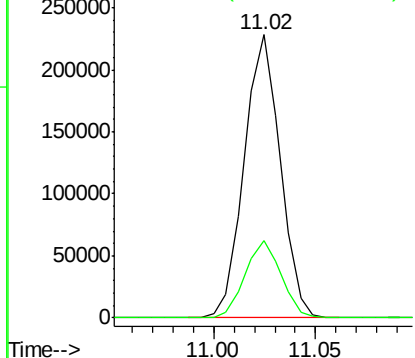


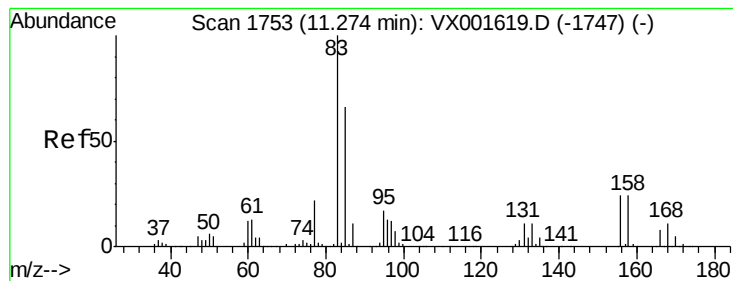
#70
Isopropylbenzene
Concen: 21.94 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion:105 Resp: 280460
Ion Ratio Lower Upper
105 100
120 27.5 19.1 35.5



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





#71

1,1,2,2-Tetrachloroethane

Concen: 21.66 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

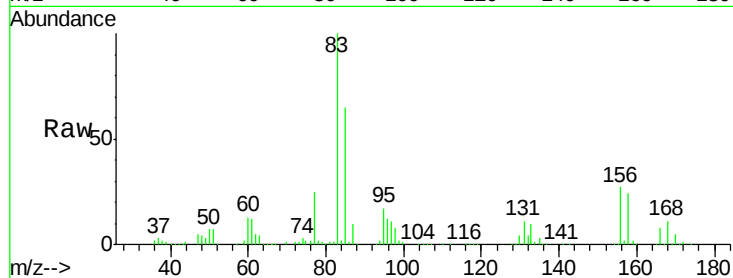
Tgt Ion: 83 Resp: 92839

Ion Ratio Lower Upper

83 100

131 11.3 5.8 17.4

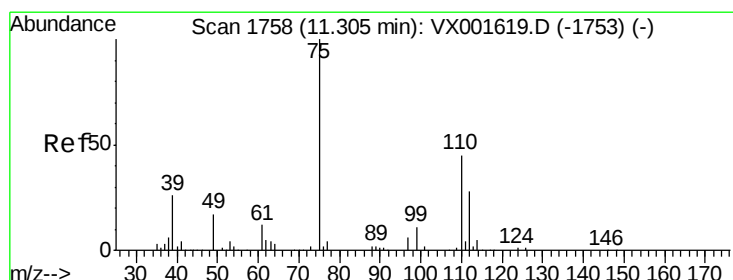
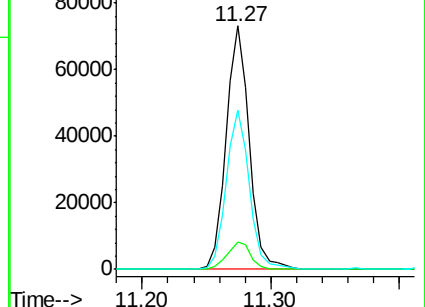
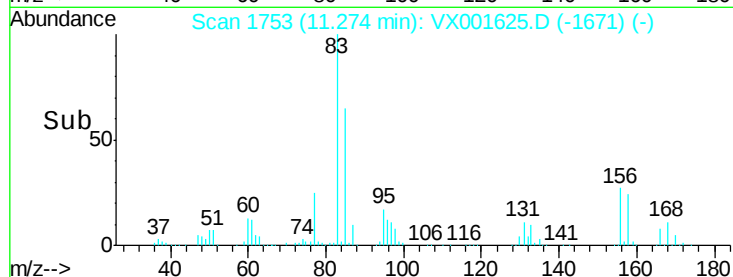
85 65.5 32.4 97.2



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 25.67 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001625.D

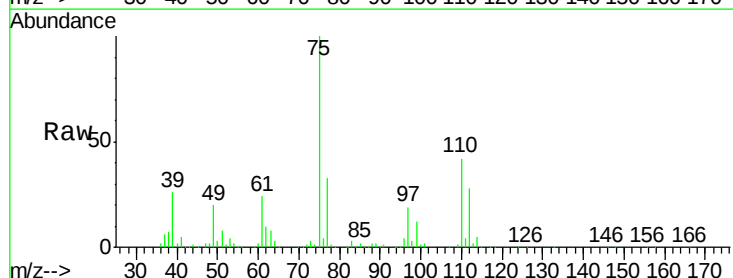
Acq: 11 May 2018 02:35

Tgt Ion: 75 Resp: 106642

Ion Ratio Lower Upper

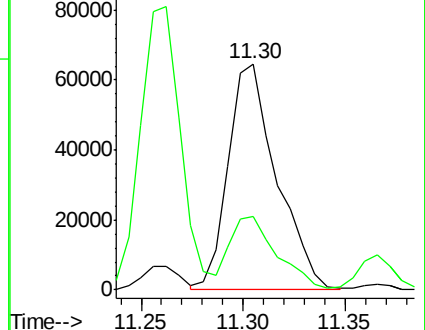
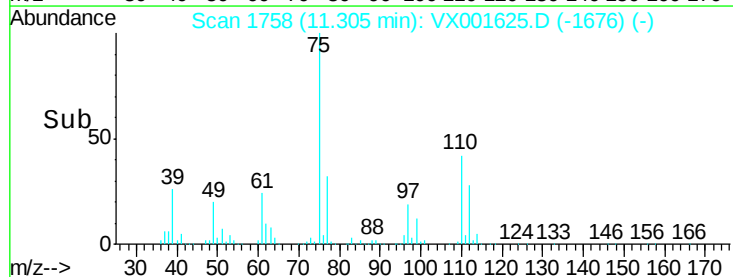
75 100

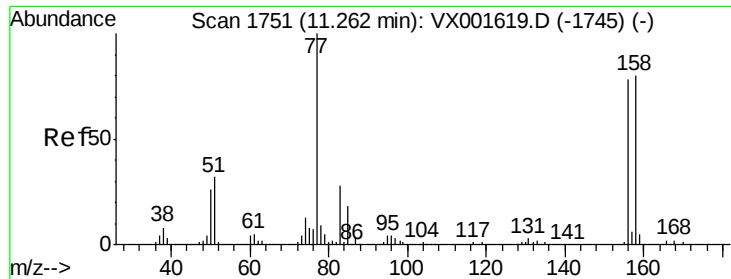
77 31.3 0.0 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

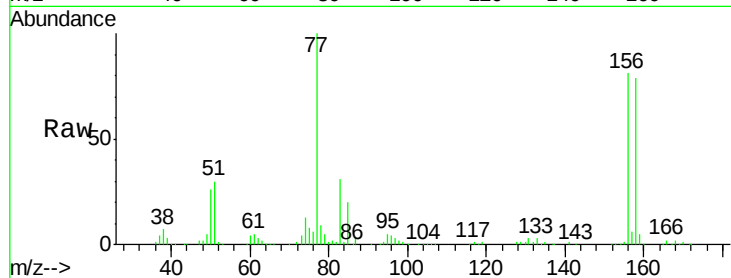




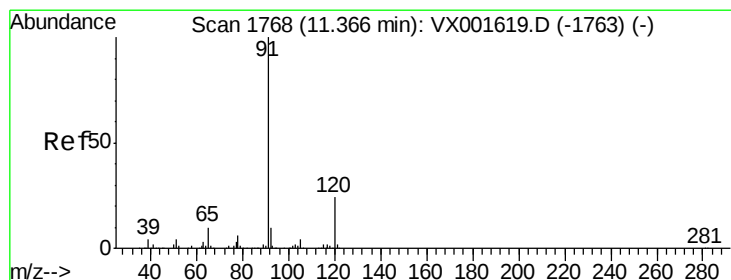
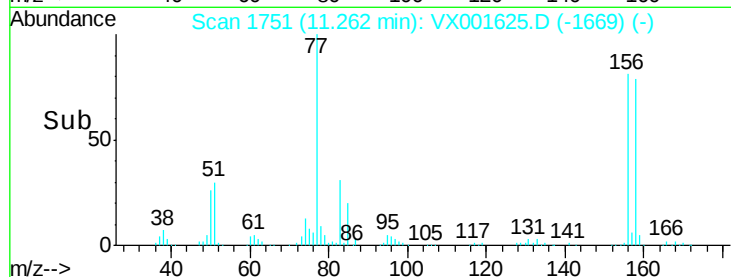
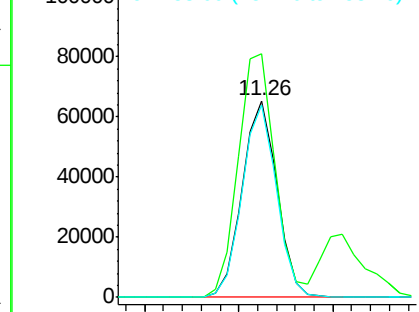
#73
Bromobenzene
Concen: 21.67 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tgt Ion: 156 Resp: 83918
Ion Ratio Lower Upper
156 100
77 131.9 0.0 266.4
158 96.8 0.0 194.4

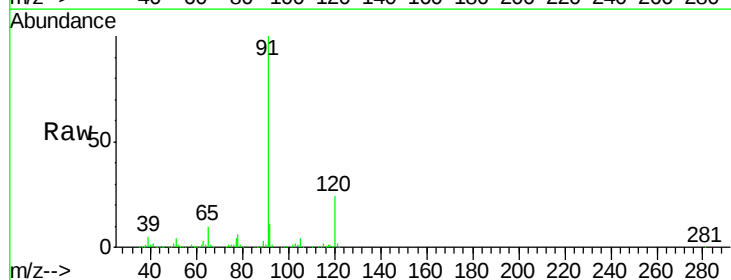


Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 158.00 (157.70 to 158.70): V

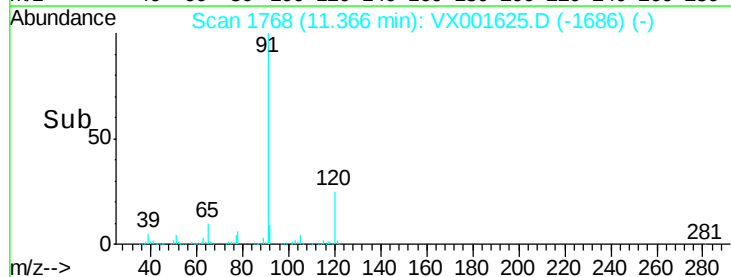
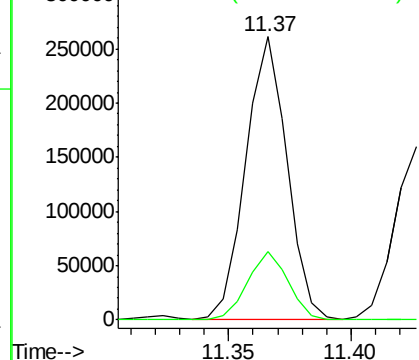


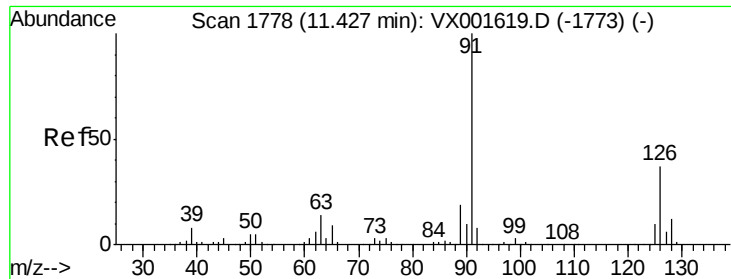
#74
n-propylbenzene
Concen: 21.91 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion: 91 Resp: 308332
Ion Ratio Lower Upper
91 100
120 23.7 0.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V

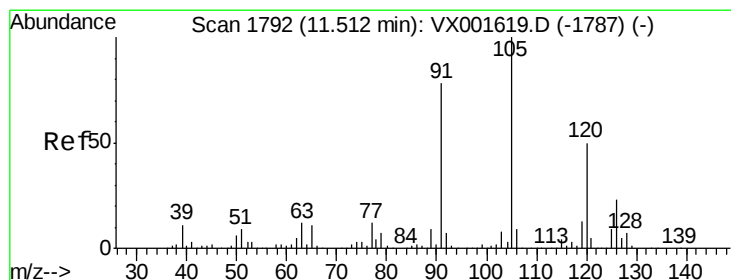
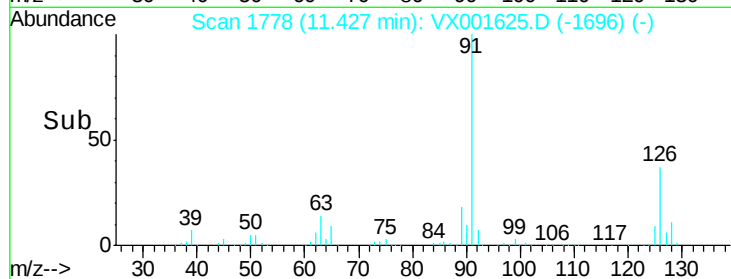
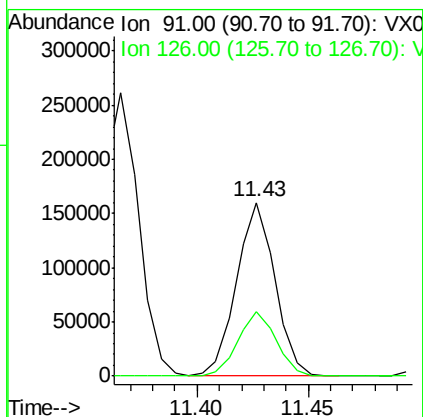
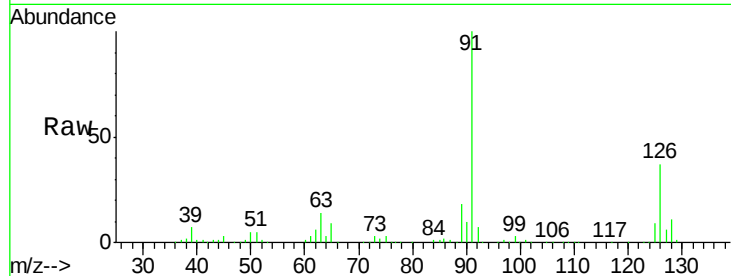




#75
 2-Chlorotoluene
 Concen: 21.88 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

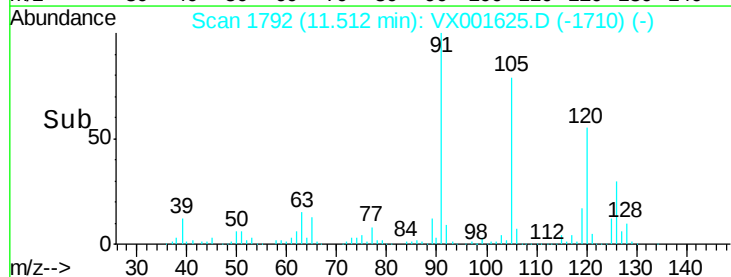
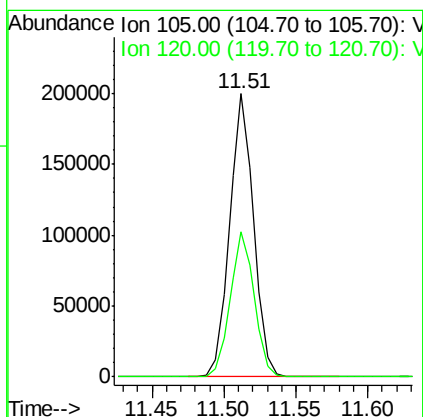
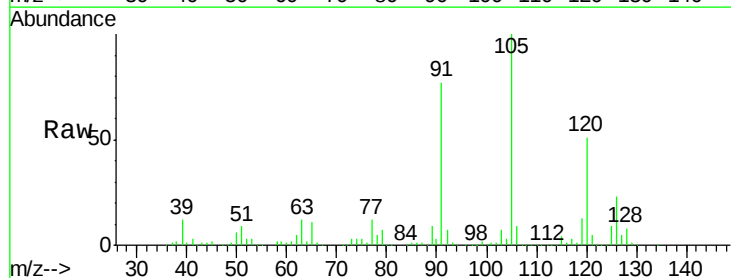
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

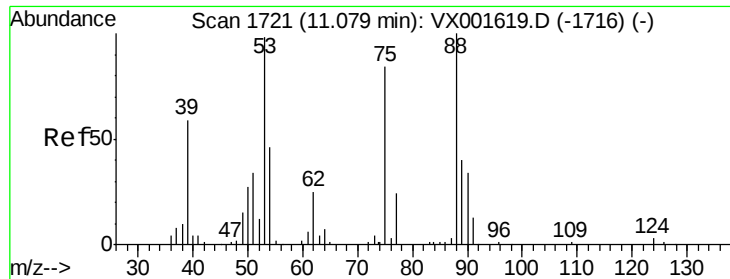
Tgt Ion: 91 Resp: 193122
 Ion Ratio Lower Upper
 91 100
 126 36.8 0.0 72.0



#76
 1,3,5-Trimethylbenzene
 Concen: 21.79 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion: 105 Resp: 234357
 Ion Ratio Lower Upper
 105 100
 120 51.0 0.0 101.8

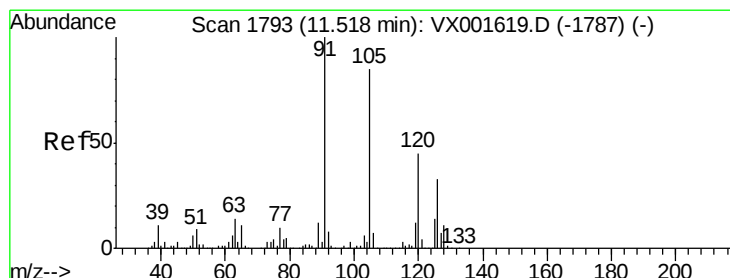
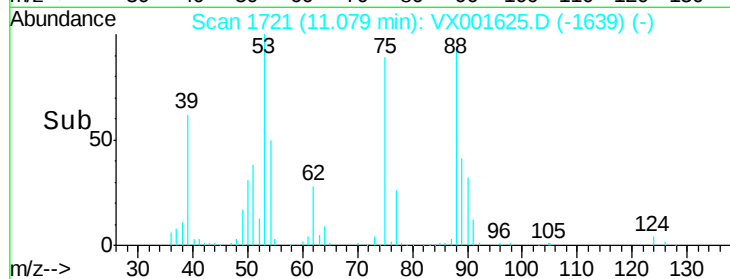
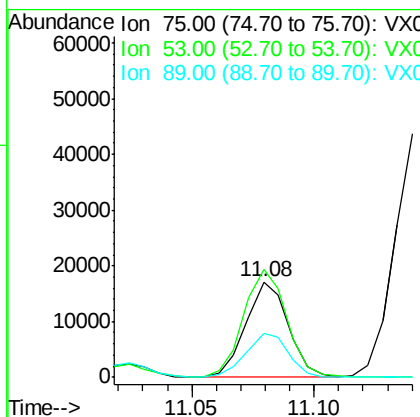
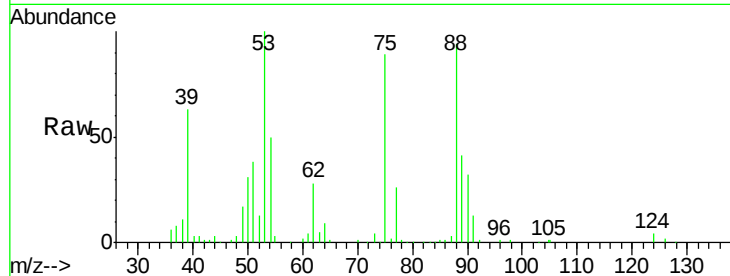




#77
t-1,4-Dichloro-2-butene
Concen: 19.54 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

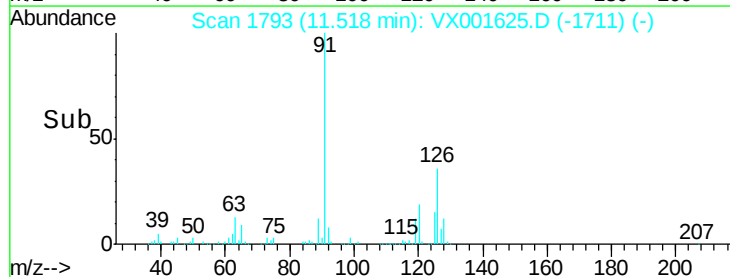
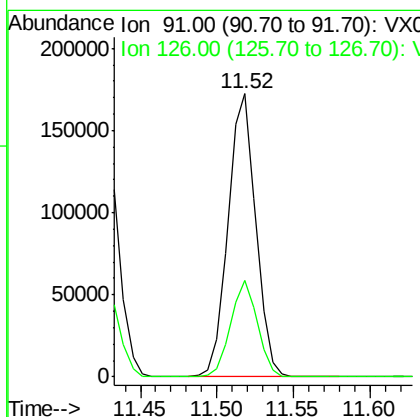
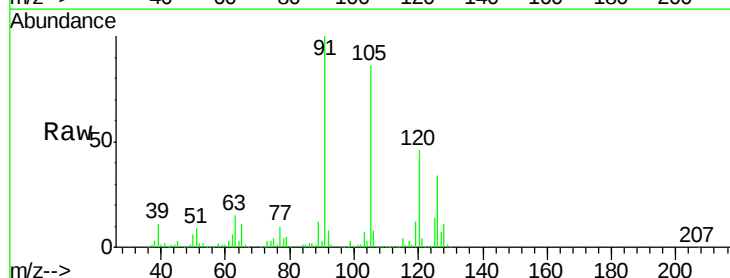
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

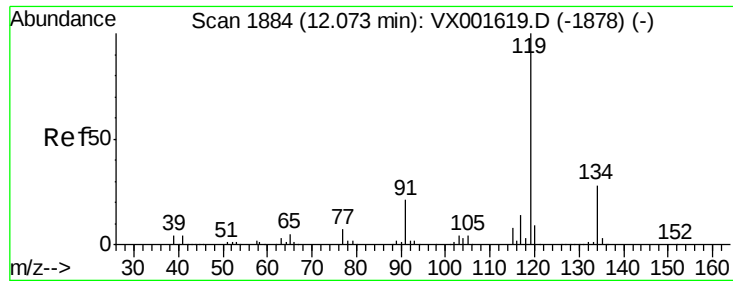
Tgt Ion: 75 Resp: 20871
Ion Ratio Lower Upper
75 100
53 111.8 58.3 174.8
89 45.8 23.9 71.8



#78
4-Chlorotoluene
Concen: 21.43 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion: 91 Resp: 214993
Ion Ratio Lower Upper
91 100
126 32.7 0.0 64.8

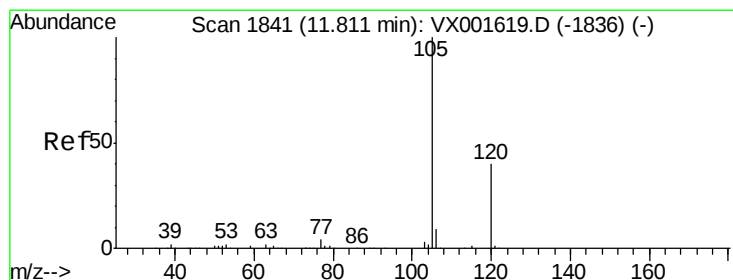
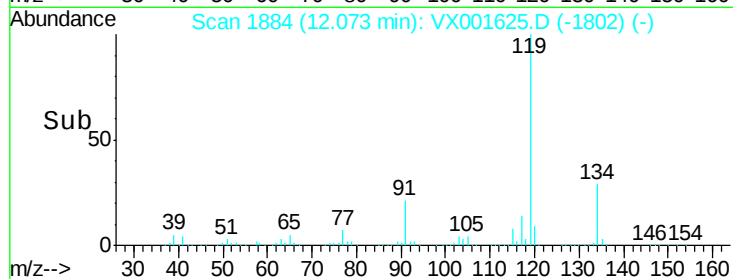
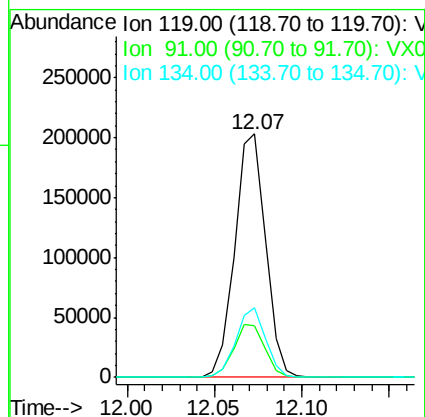
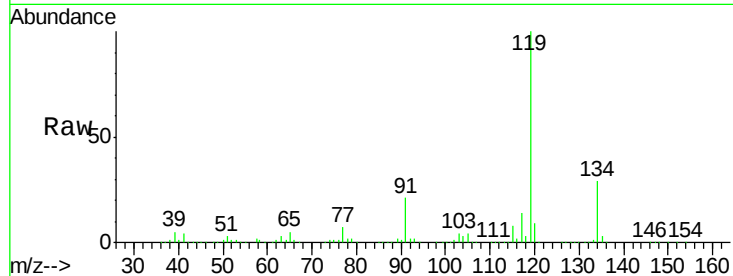




#79
tert-butylbenzene
Concen: 21.87 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

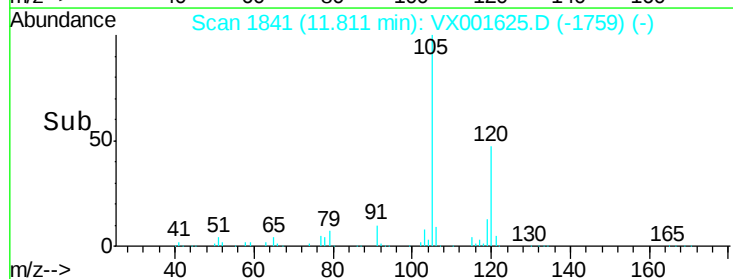
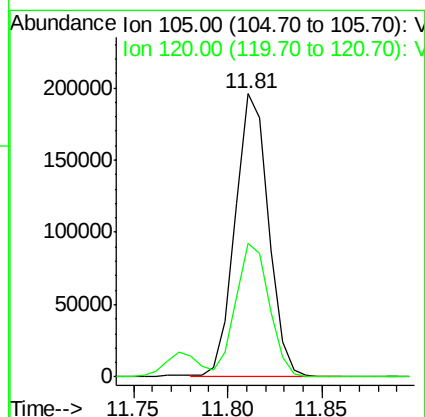
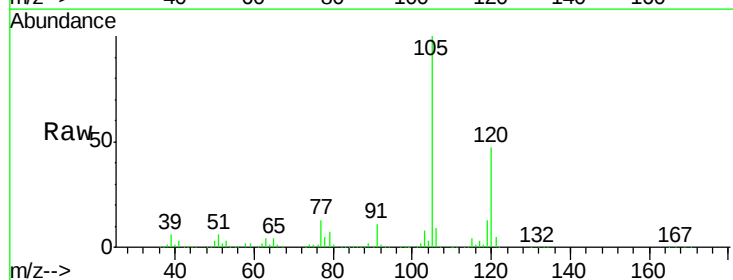
Instrument :
MSVOA_X
ClientSampled :
VX0510WBS01

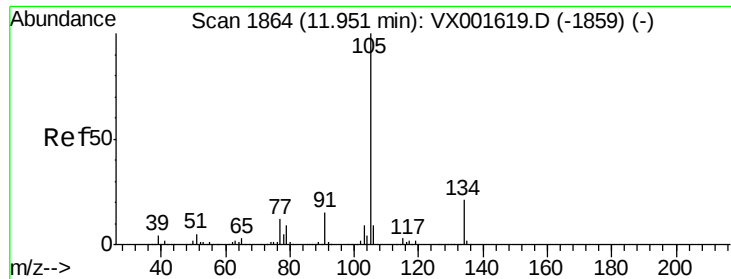
Tgt Ion:119 Resp: 248941
Ion Ratio Lower Upper
119 100
91 21.9 0.0 44.0
134 27.6 0.0 53.8



#80
1,2,4-Trimethylbenzene
Concen: 21.95 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion:105 Resp: 241074
Ion Ratio Lower Upper
105 100
120 47.4 0.0 94.0

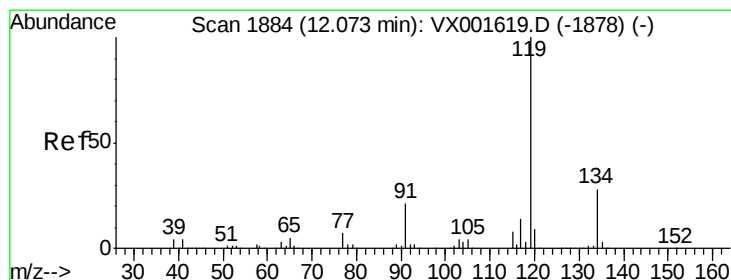
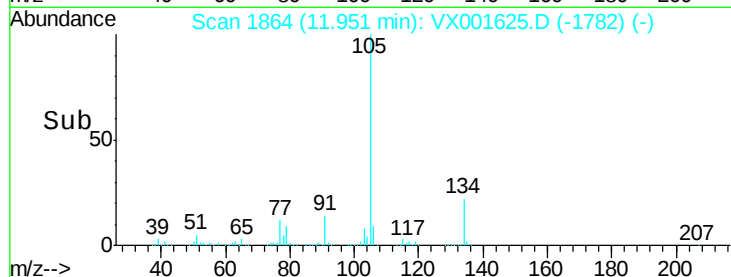
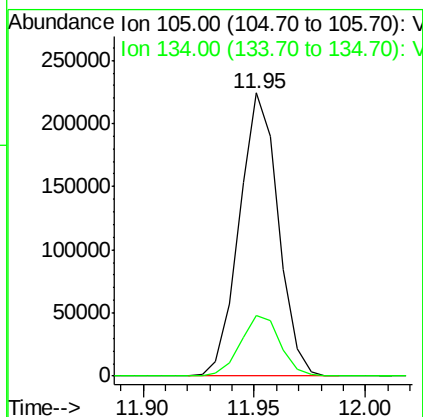
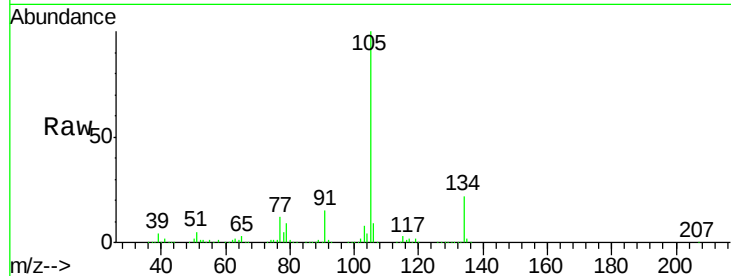




#81
 sec-Butylbenzene
 Concen: 21.94 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

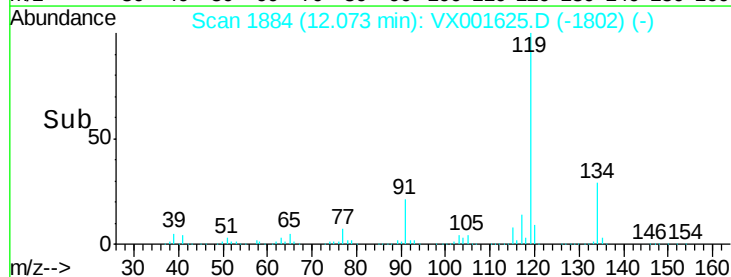
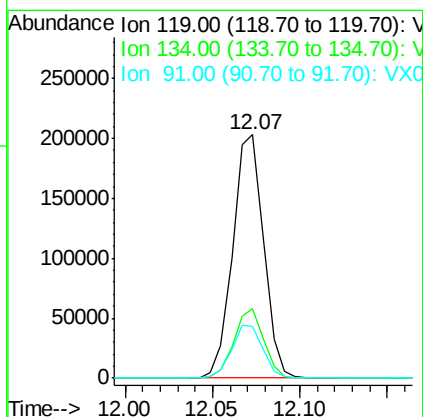
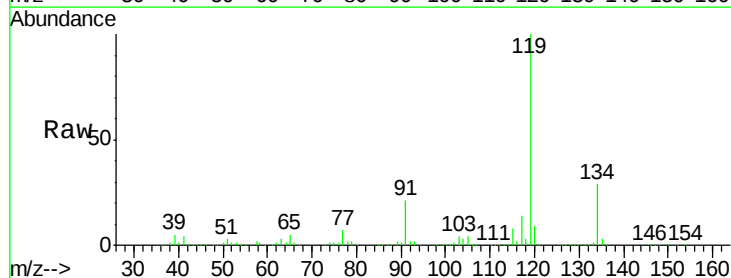
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

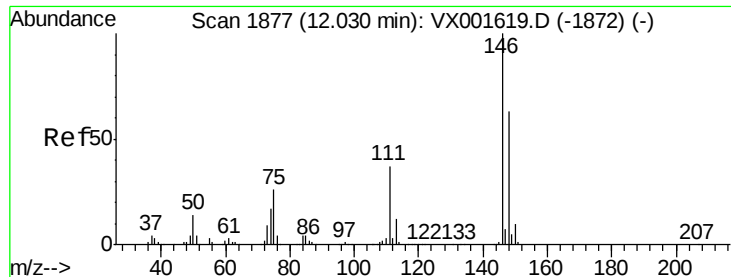
Tgt Ion:105 Resp: 273351
 Ion Ratio Lower Upper
 105 100
 134 21.8 0.0 43.4



#82
 p-Isopropyltoluene
 Concen: 21.87 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion:119 Resp: 248941
 Ion Ratio Lower Upper
 119 100
 134 27.6 0.0 53.8
 91 21.9 0.0 44.0

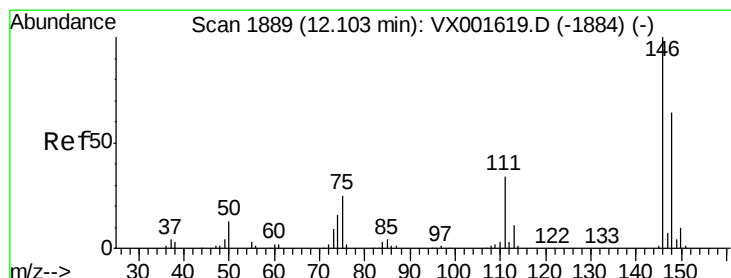
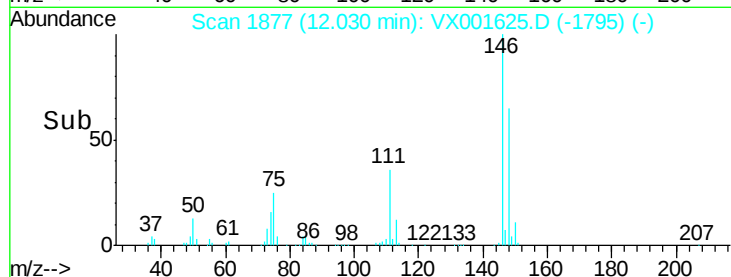
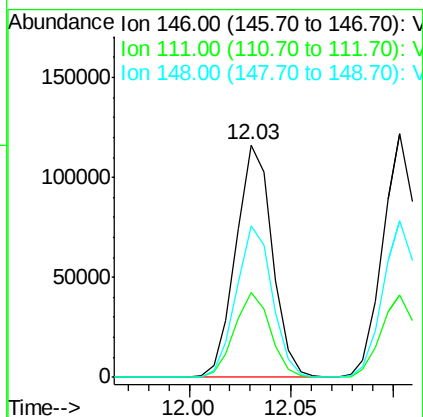
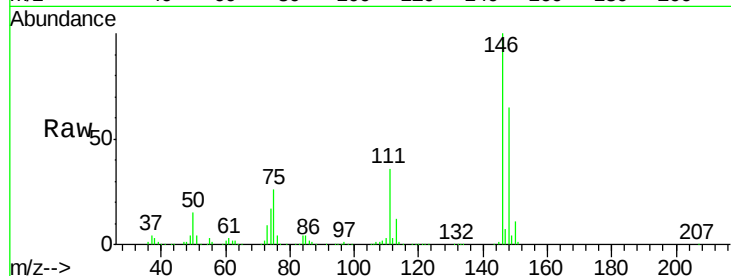




#83
 1,3-Dichlorobenzene
 Concen: 21.35 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

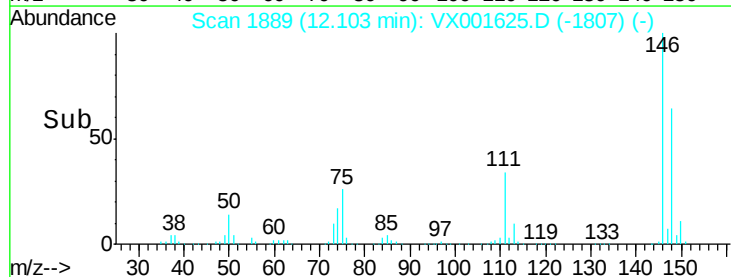
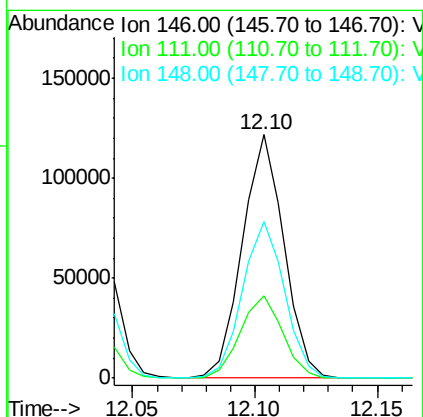
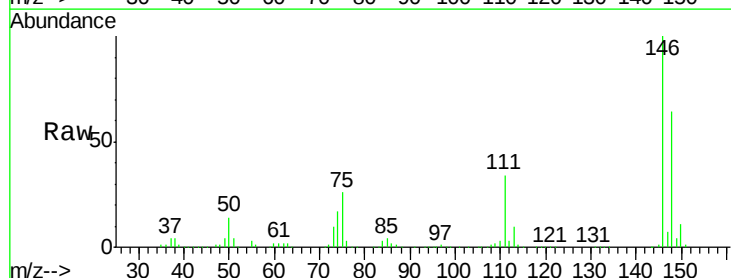
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

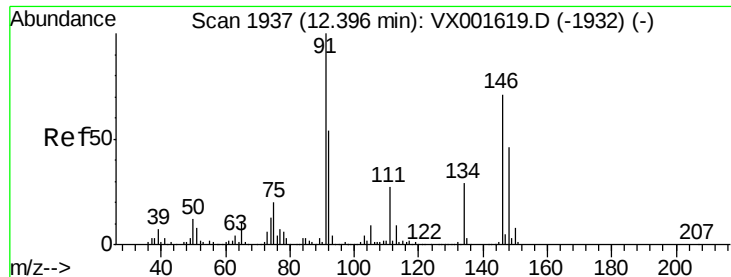
Tgt Ion:146 Resp: 144190
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.1 54.1
 148 64.9 32.2 96.6



#84
 1,4-Dichlorobenzene
 Concen: 21.18 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion:146 Resp: 143835
 Ion Ratio Lower Upper
 146 100
 111 34.4 17.4 52.3
 148 65.0 32.5 97.4

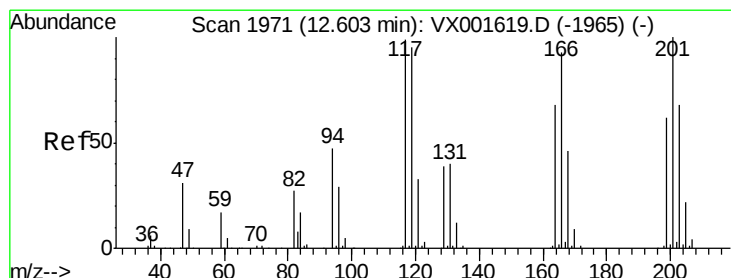
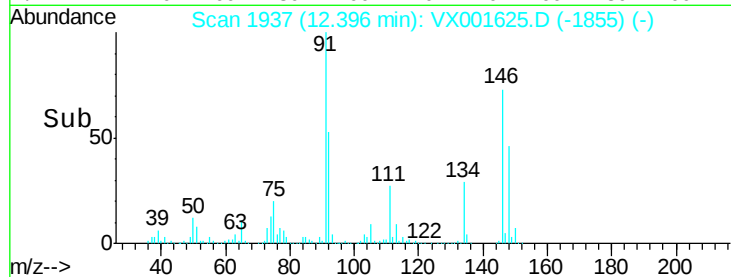
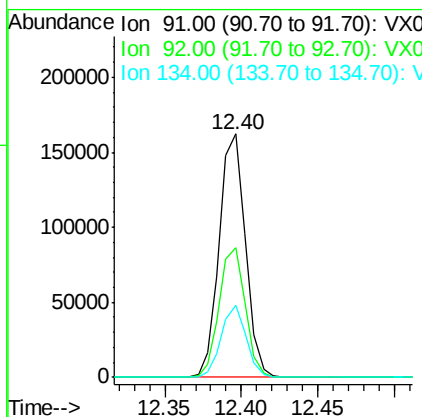
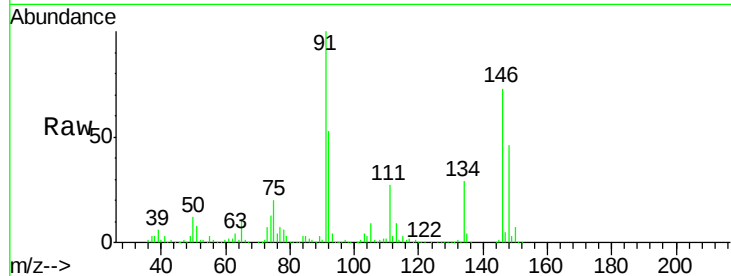




#85
n-Butylbenzene
Concen: 21.24 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

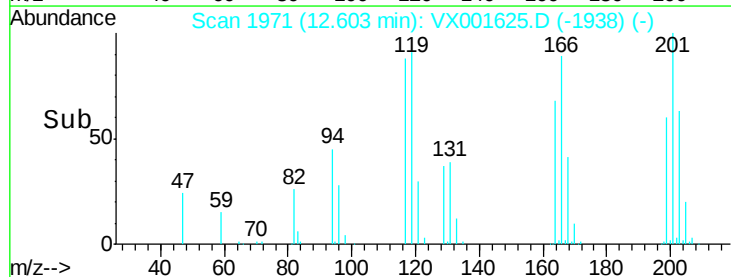
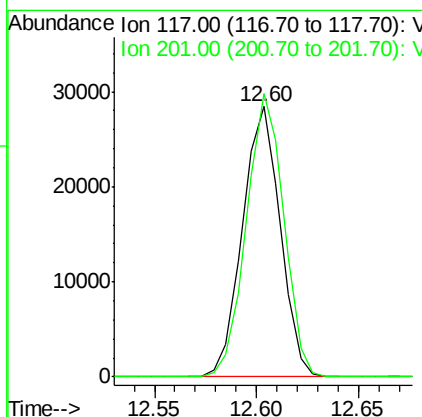
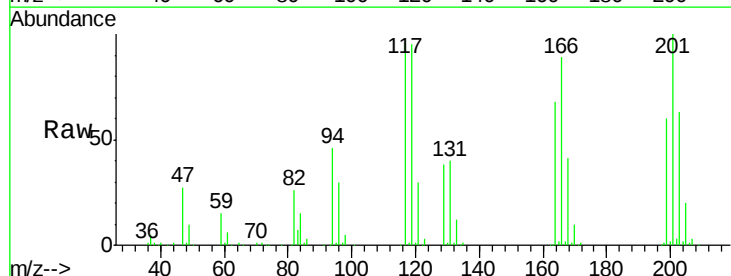
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

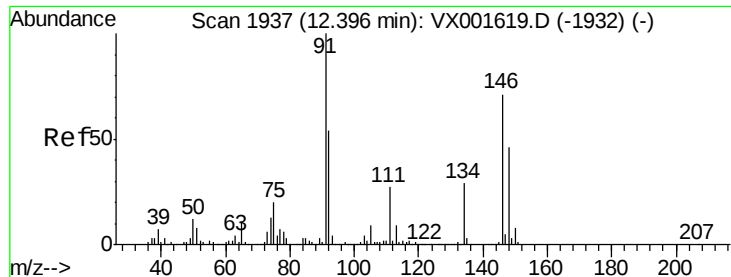
Tgt Ion: 91 Resp: 192241
Ion Ratio Lower Upper
91 100
92 53.3 0.0 107.8
134 28.3 0.0 56.8



#86
Hexachloroethane
Concen: 20.28 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion: 117 Resp: 36616
Ion Ratio Lower Upper
117 100
201 103.6 50.1 150.3





#87

1,2-Dichlorobenzene

Concen: 21.45 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

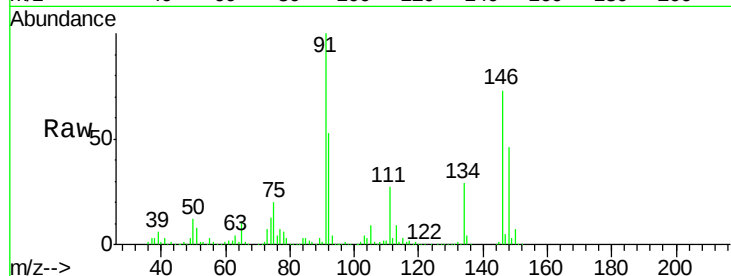
Tgt Ion:146 Resp: 150241

Ion Ratio Lower Upper

146 100

111 37.6 18.7 56.1

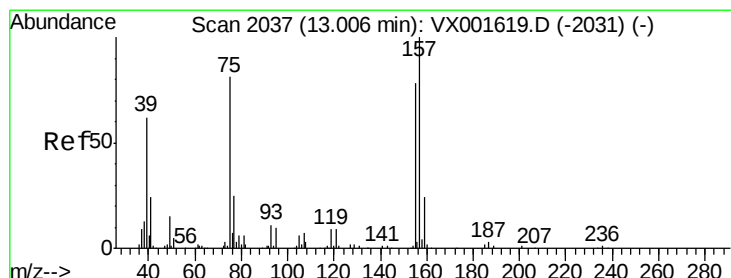
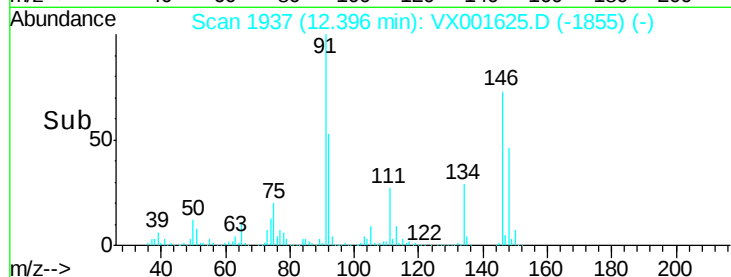
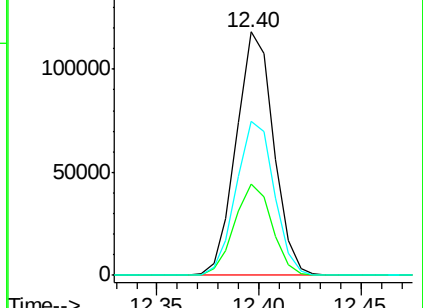
148 64.5 32.1 96.5



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



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.71 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

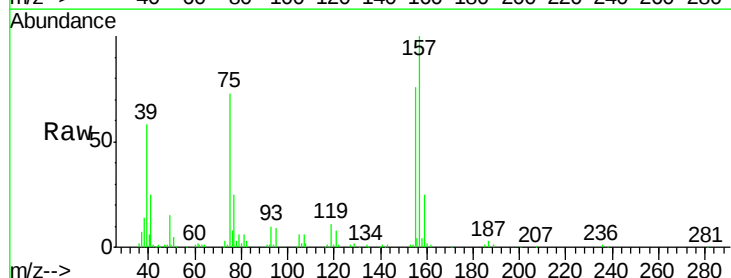
Tgt Ion: 75 Resp: 20685

Ion Ratio Lower Upper

75 100

155 104.7 79.8 119.8

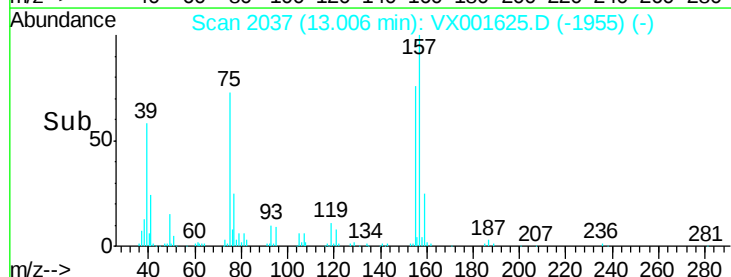
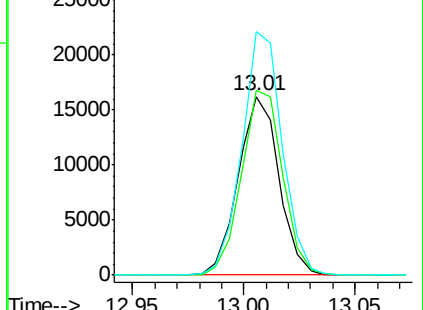
157 135.4 105.4 158.2

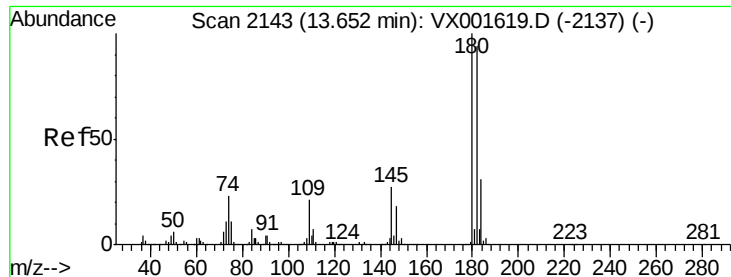


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

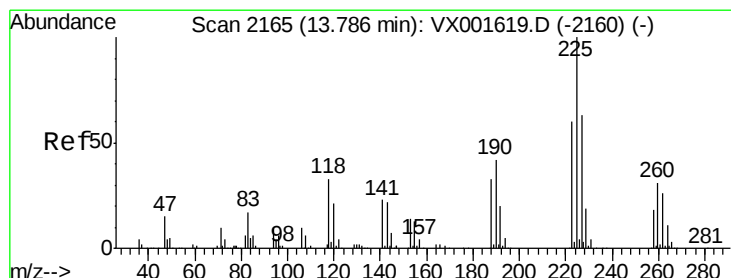
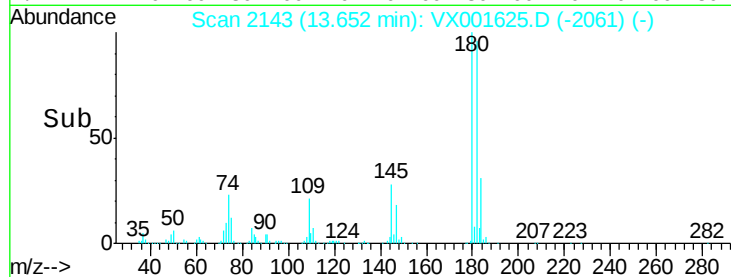
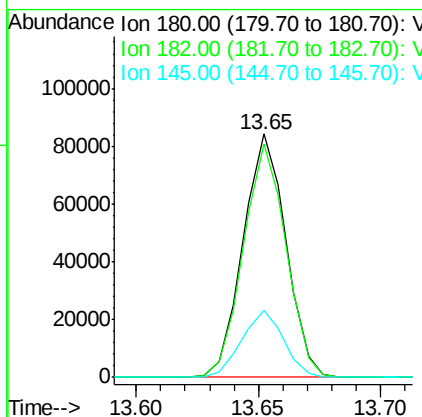
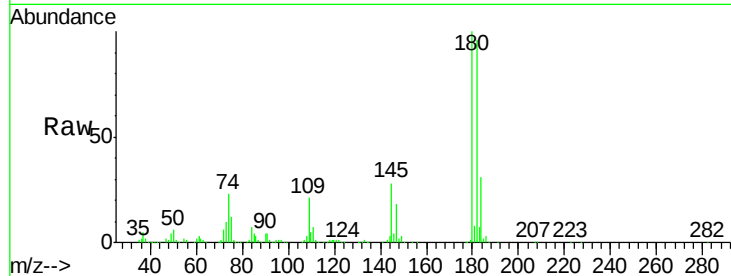




#89
 1,2,4-Trichlorobenzene
 Concen: 20.57 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

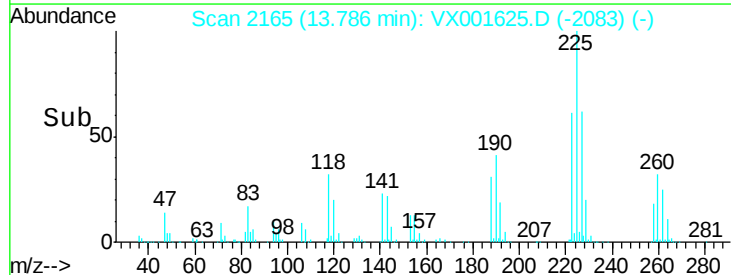
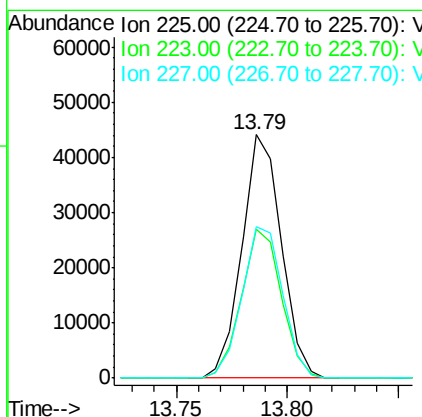
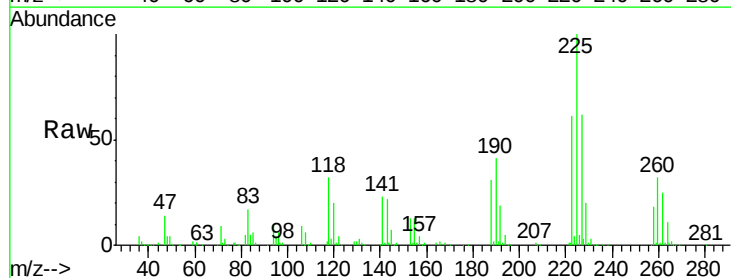
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

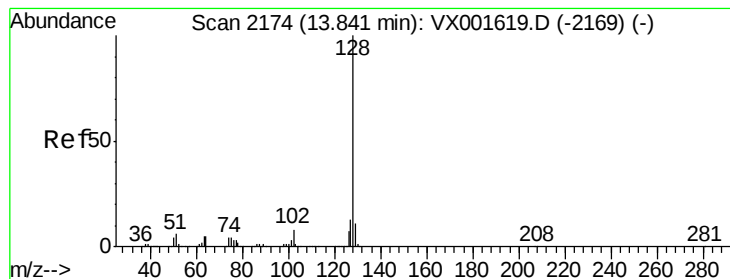
Tgt Ion:180 Resp: 102354
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.6 115.0
 145 27.0 21.5 32.3



#90
 Hexachlorobutadiene
 Concen: 21.46 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion:225 Resp: 54647
 Ion Ratio Lower Upper
 225 100
 223 62.3 0.0 120.2
 227 64.3 0.0 126.6





#91

Naphthalene

Concen: 21.30 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

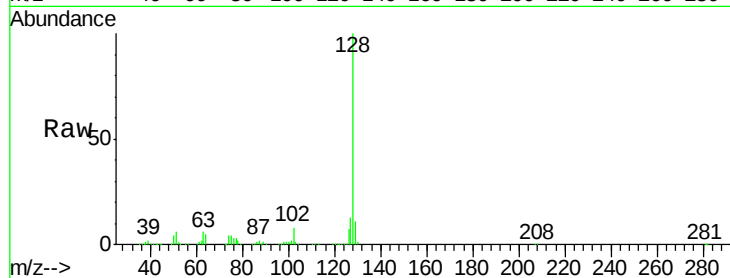
Tgt Ion:128 Resp: 317436

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

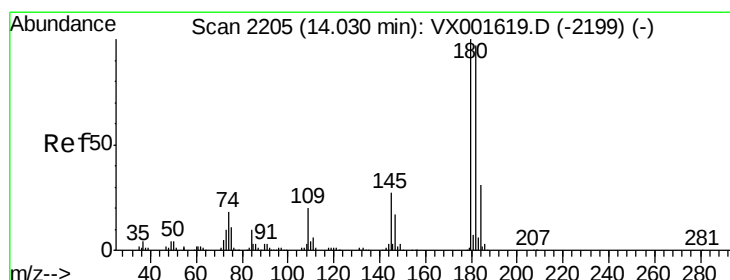
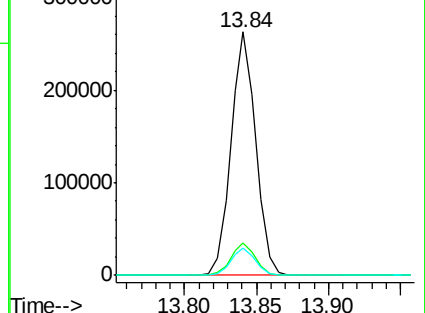
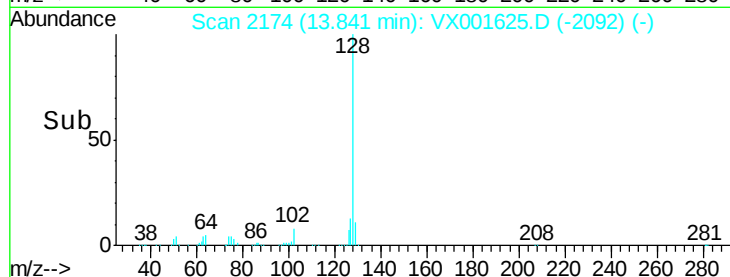
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 21.17 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.01 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

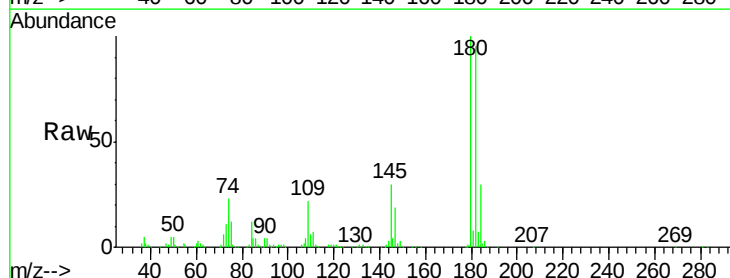
Tgt Ion:180 Resp: 111392

Ion Ratio Lower Upper

180 100

182 95.7 0.0 192.2

145 28.5 0.0 56.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

