

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX053018\
 Data File : VX002141.D
 Acq On : 30 May 2018 15:16
 Operator : JC/MD
 Sample : VX0530WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

Quant Time: May 31 02:09:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X052518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 25 02:17:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	54023	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	310957	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	283355	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	130280	30.65	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.17%
60) 4-Bromofluorobenzene	11.14	95	140039	28.87	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.23%
63) Toluene-d8	8.72	98	382350	30.28	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.93%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	55996	19.52	ug/l	99
3) Chloromethane	1.32	50	73047	21.41	ug/l	100
4) Vinyl Chloride	1.40	62	70589	20.80	ug/l	100
5) Bromomethane	1.64	94	38931	20.48	ug/l	97
6) Chloroethane	1.73	64	45917	22.87	ug/l	99
7) Trichlorofluoromethane	1.93	101	118686	22.93	ug/l	98
8) Diethyl Ether	2.19	74	44221	22.70	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	66396	23.82	ug/l	99
10) 1,1-Dichloroethene	2.37	96	59154	22.01	ug/l	99
11) Methyl Iodide	2.51	142	58530	13.86	ug/l	98
12) Methyl Acetate	2.78	43	107119	24.59	ug/l	98
13) Acrolein	2.29	56	32589	87.86	ug/l	99
14) Acrylonitrile	3.15	53	196010	109.36	ug/l	98
15) Acetone	2.45	58	55175	115.47	ug/l	91
16) Carbon Disulfide	2.57	76	133507	17.39	ug/l	100
17) Allyl chloride	2.73	41	128544	23.17	ug/l	95
18) Methylene Chloride	2.86	84	69354	22.96	ug/l	99
19) trans-1,2-Dichloroethene	3.17	96	63120	22.21	ug/l	96
20) Diisopropyl ether	3.88	45	230234	21.74	ug/l	99
21) 1,1-Dichloroethane	3.70	63	129888	23.04	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	68272	20.15	ug/l	93
23) tert-Butyl Alcohol	3.07	59	98933	106.42	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	237031	22.59	ug/l	98
25) Chloroform	5.22	83	122670	20.69	ug/l	97
26) Cyclohexane	5.58	56	103851	20.01	ug/l	# 99
29) 1,1-Dichloropropene	5.80	75	84445	19.41	ug/l	99
30) 2-Butanone	4.71	43	286301	94.35	ug/l	99
31) 2,2-Dichloropropane	4.59	77	100904	26.39	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	106075	18.67	ug/l	100
33) Carbon Tetrachloride	5.79	117	91452	17.71	ug/l	96
34) Benzene	6.15	78	257969	19.64	ug/l	99
35) Methacrylonitrile	5.07	41	63201	18.81	ug/l	97
36) 1,2-Dichloroethane	6.20	62	100889	19.71	ug/l	98
37) Trichloroethene	7.21	130	72455	19.44	ug/l	93
38) Methylcyclohexane	7.46	83	103449	20.38	ug/l	99
39) 1,2-Dichloropropane	7.52	63	70040	19.72	ug/l	97
40) Dibromomethane	7.67	93	45814	19.22	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	85563	17.31	ug/l	99
42) Vinyl Acetate	3.83	43	1001003	104.26	ug/l	98
43) Ethyl Acetate	4.87	43	109873	18.45	ug/l	100
44) Isopropyl Acetate	6.47	43	183236	18.50	ug/l	99
45) 1,4-Dioxane	7.76	88	34823	369.56	ug/l #	88
46) Methyl methacrylate	7.78	41	93890	18.72	ug/l	99
47) n-amyl Acetate	10.90	43	167162	18.34	ug/l #	91
48) t-1,3-Dichloropropene	8.44	75	105405	18.97	ug/l	97
49) cis-1,3-Dichloropropene	9.05	75	98176	18.25	ug/l	97
50) 1,1,2-Trichloroethane	9.22	97	69563	20.33	ug/l	96
51) Ethyl methacrylate	9.19	69	111443	18.80	ug/l	98
52) 1,3-Dichloropropane	9.38	76	116051	20.11	ug/l	99
53) Dibromochloromethane	9.59	129	68768	16.45	ug/l	99
54) 1,2-Dibromoethane	9.68	107	71775	19.38	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	406662	146.19	ug/l	100
56) Bromoform	10.86	173	53386	14.53	ug/l	100
58) 4-Methyl-2-Pentanone	8.65	43	596216	96.69	ug/l	99
59) 2-Hexanone	9.50	43	458438	95.81	ug/l	99
61) Tetrachloroethene	9.34	164	83251	19.26	ug/l	99
62) Toluene	8.79	91	285975	19.76	ug/l	99
64) Chlorobenzene	10.15	112	185973	19.86	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	69693	18.29	ug/l	100
66) Ethyl Benzene	10.26	91	321076	19.74	ug/l	99
67) m/p-Xylenes	10.37	106	243884	39.50	ug/l	99
68) o-Xylene	10.70	106	121939	19.72	ug/l	99
69) Styrene	10.72	104	199851	19.25	ug/l	99
70) Isopropylbenzene	11.02	105	331115	20.00	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	98682	19.02	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	123857	25.34	ug/l	95
73) Bromobenzene	11.26	156	86946	19.55	ug/l	97
74) n-propylbenzene	11.37	91	369668	20.01	ug/l	99
75) 2-Chlorotoluene	11.43	91	225921	19.82	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	274726	19.52	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	28636	16.17	ug/l	82
78) 4-Chlorotoluene	11.52	91	255938	19.75	ug/l	99
79) tert-butylbenzene	12.07	119	292887	19.85	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	282939	19.88	ug/l	100
81) sec-Butylbenzene	11.95	105	332893	20.18	ug/l	99
82) p-Isopropyltoluene	12.07	119	292887	19.85	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	154364	19.59	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	154845	19.75	ug/l	99
85) n-Butylbenzene	12.39	91	248697	20.09	ug/l	99
86) Hexachloroethane	12.60	117	44188	15.05	ug/l	100
87) 1,2-Dichlorobenzene	12.40	146	161256	19.87	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	23021	15.23	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	110678	19.20	ug/l	100
90) Hexachlorobutadiene	13.79	225	60598	19.77	ug/l	99
91) Naphthalene	13.84	128	345956	19.02	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	116184	19.30	ug/l	100

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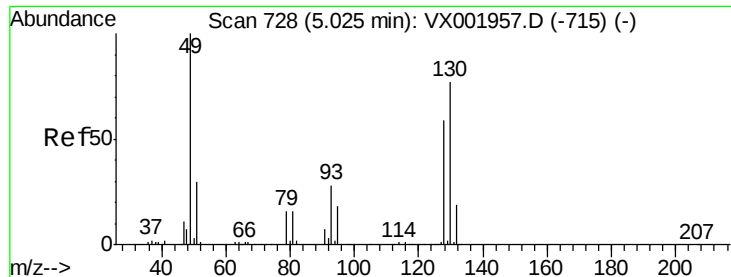
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

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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

[illegible]



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS01

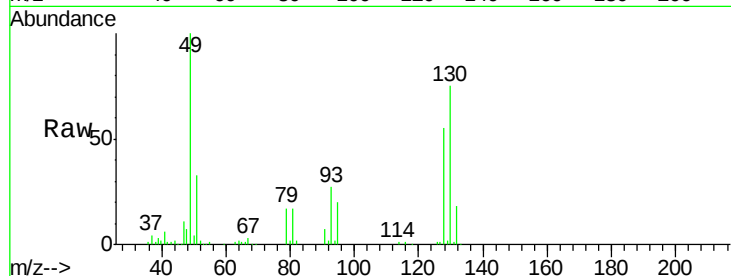
Tgt Ion:128 Resp: 54023

Ion Ratio Lower Upper

128 100

49 175.2 0.0 423.0

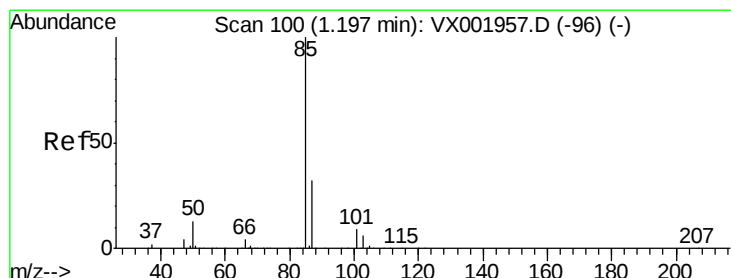
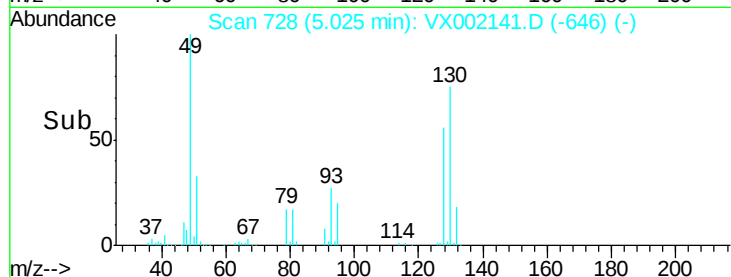
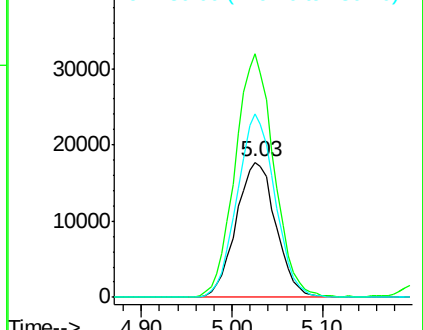
130 129.0 0.0 324.3



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: 19.52 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002141.D

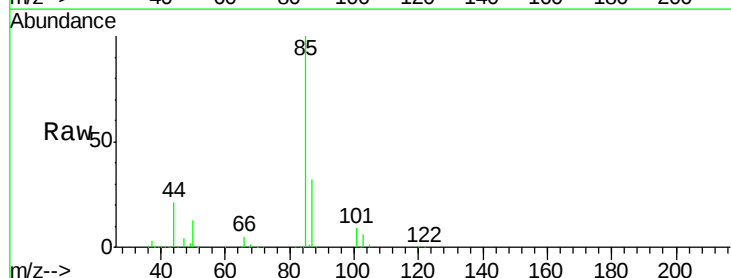
Acq: 30 May 2018 15:16

Tgt Ion: 85 Resp: 55996

Ion Ratio Lower Upper

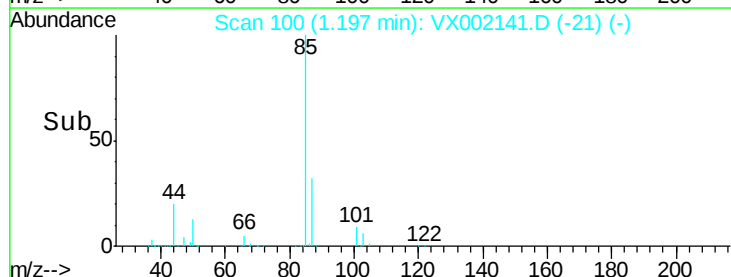
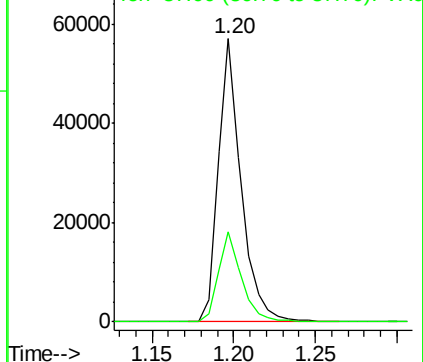
85 100

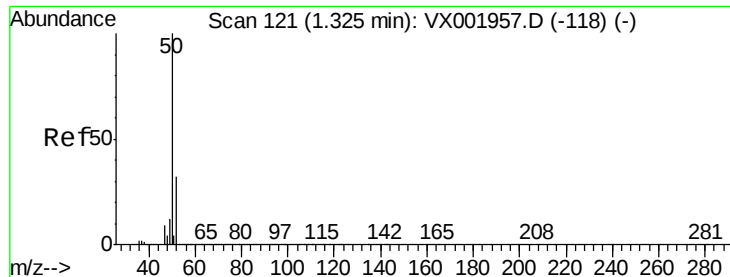
87 31.9 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 21.41 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

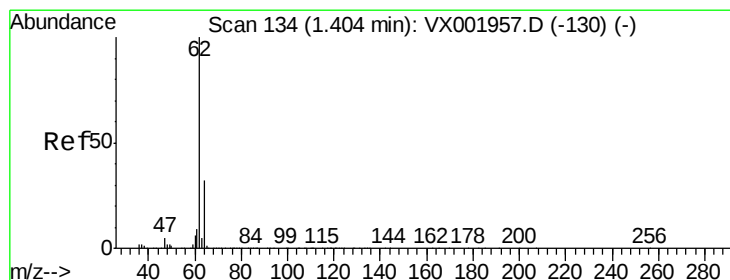
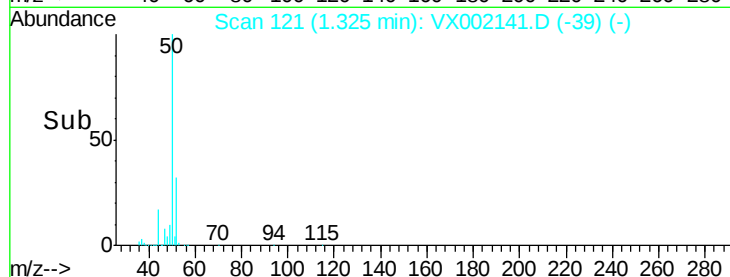
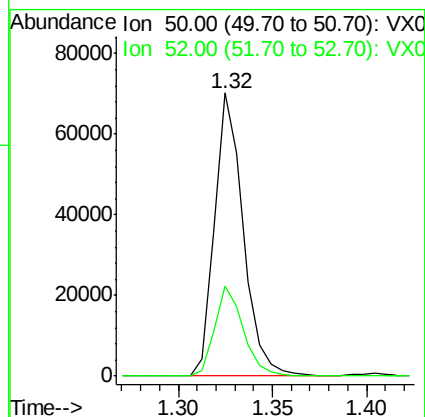
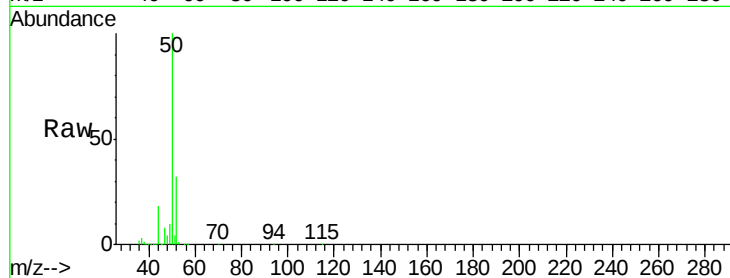
VX0530WBS01

Tgt Ion: 50 Resp: 73047

Ion Ratio Lower Upper

50 100

52 32.1 25.6 38.4



#4

Vinyl Chloride

Concen: 20.80 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002141.D

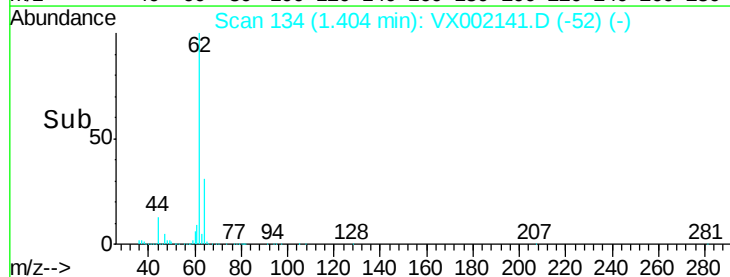
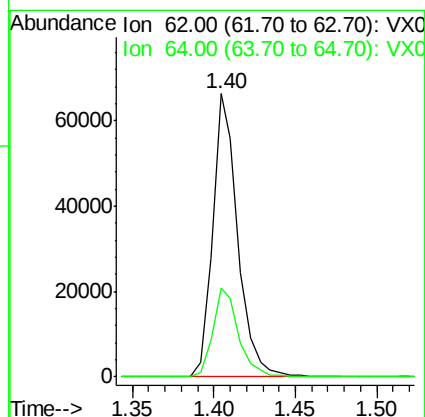
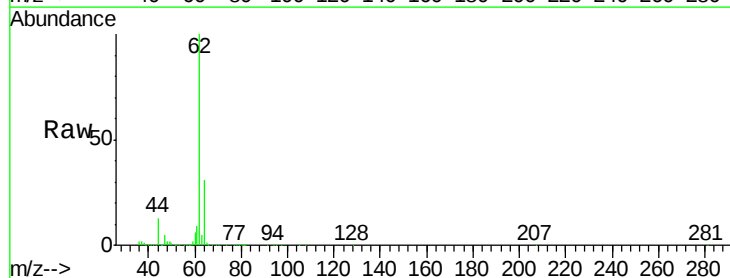
Acq: 30 May 2018 15:16

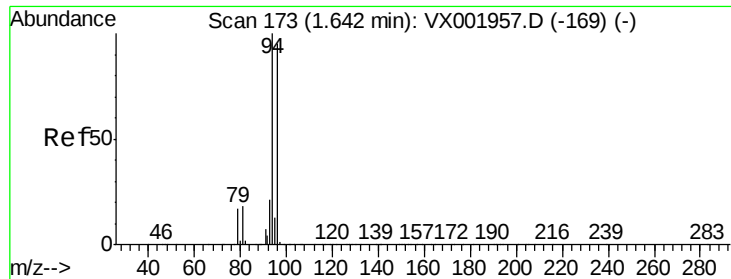
Tgt Ion: 62 Resp: 70589

Ion Ratio Lower Upper

62 100

64 31.5 25.3 37.9





#5

Bromomethane

Concen: 20.48 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

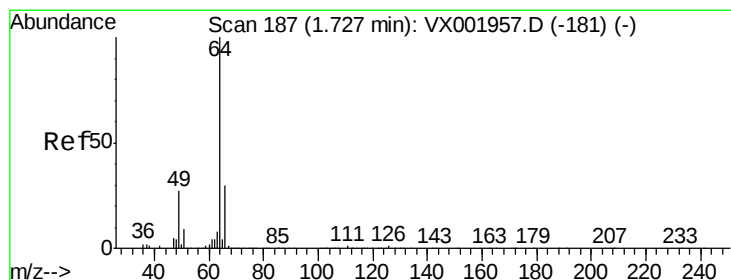
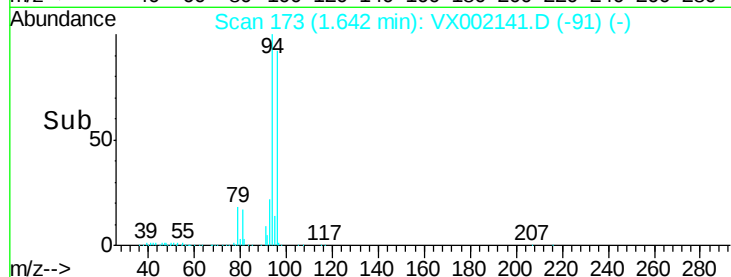
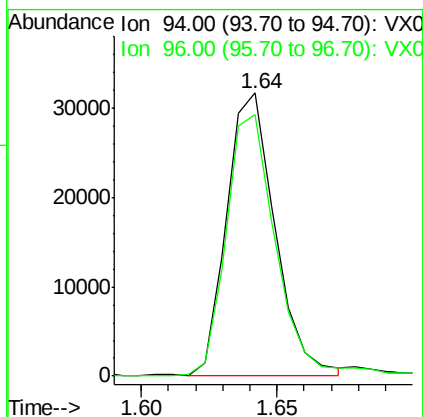
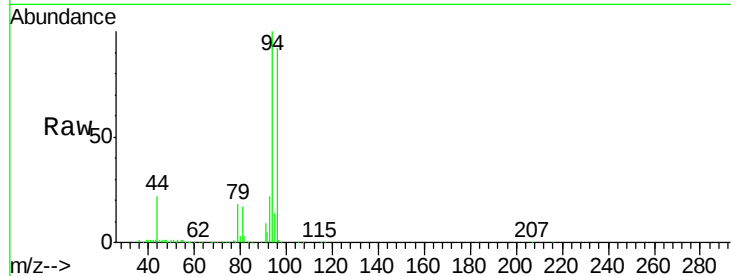
VX0530WBS01

Tgt Ion: 94 Resp: 38931

Ion Ratio Lower Upper

94 100

96 92.1 75.7 113.5



#6

Chloroethane

Concen: 22.87 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX002141.D

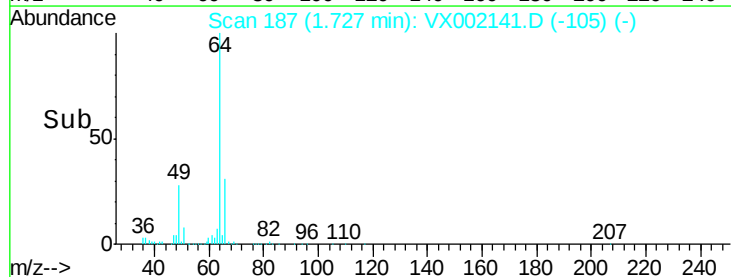
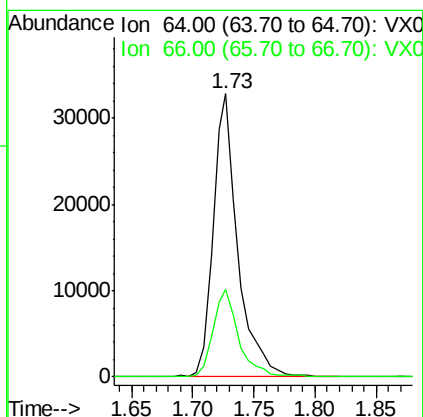
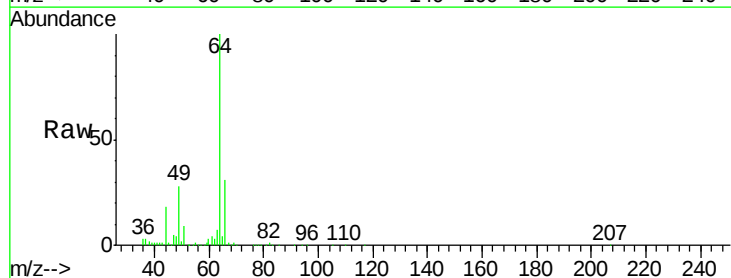
Acq: 30 May 2018 15:16

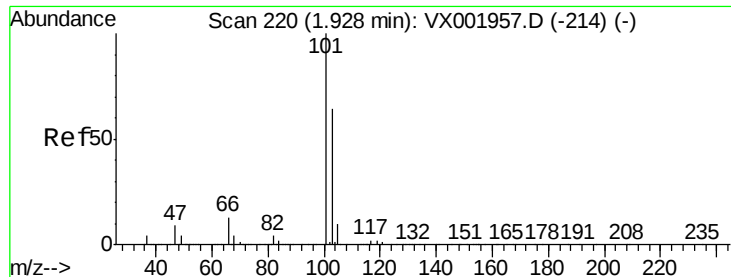
Tgt Ion: 64 Resp: 45917

Ion Ratio Lower Upper

64 100

66 30.9 24.3 36.5



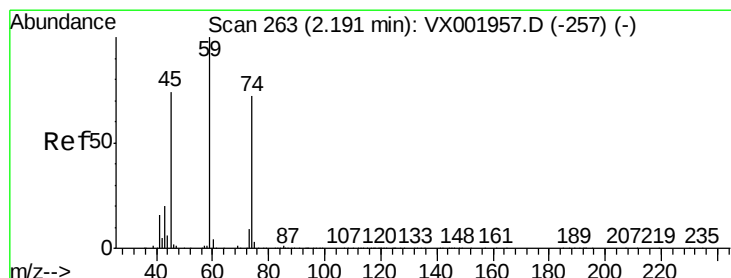
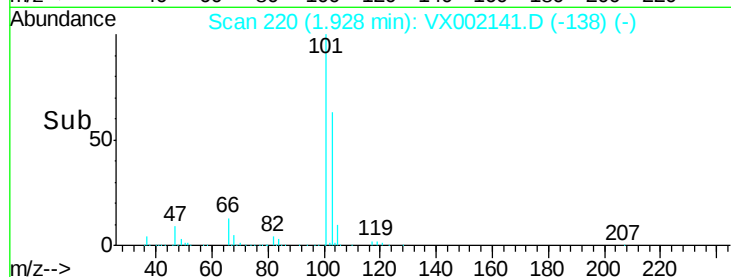
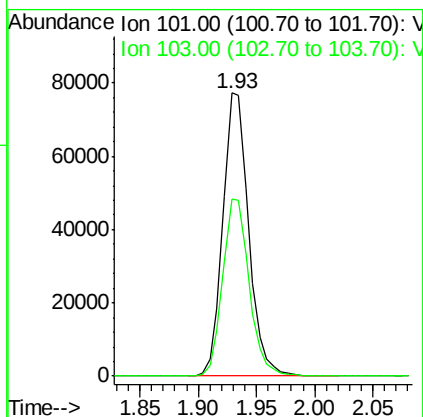
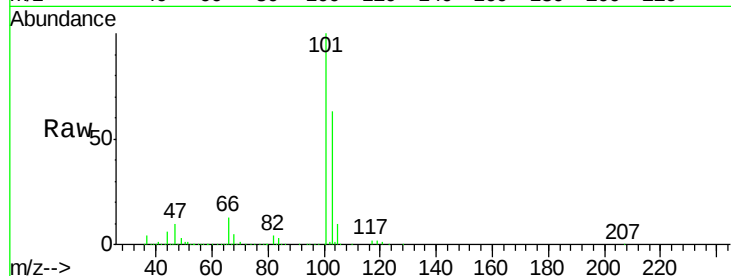


#7

Trichlorofluoromethane
 Concen: 22.93 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002141.D
 Acq: 30 May 2018 15:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

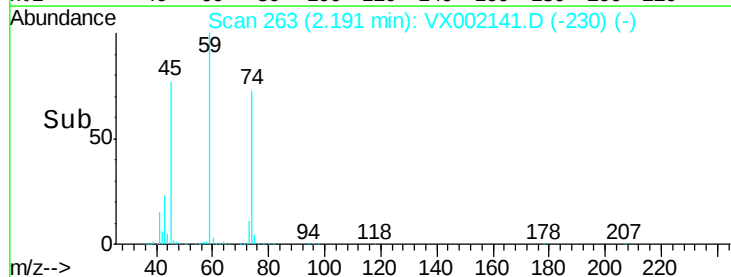
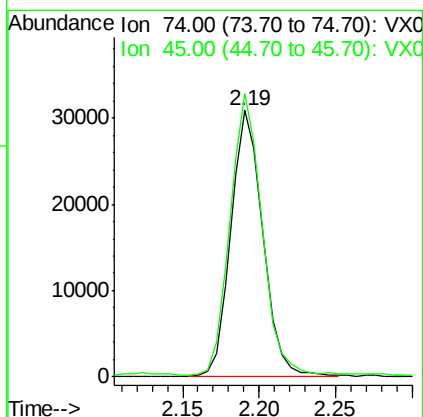
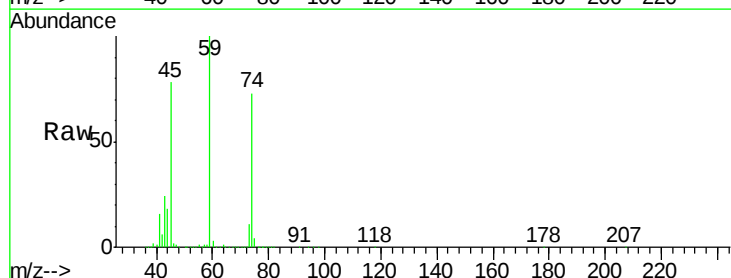
Tgt Ion: 101 Resp: 118686
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.5 77.3

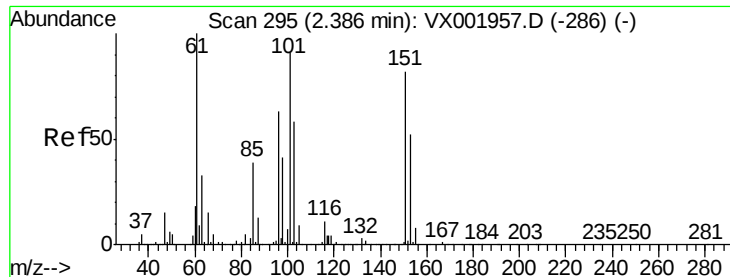


#8

Diethyl Ether
 Concen: 22.70 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002141.D
 Acq: 30 May 2018 15:16

Tgt Ion: 74 Resp: 44221
 Ion Ratio Lower Upper
 74 100
 45 106.5 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.82 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS01

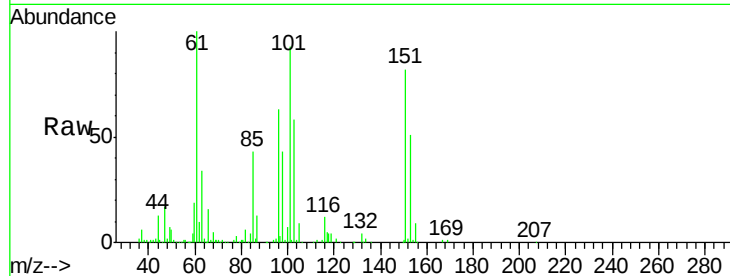
Tgt Ion: 101 Resp: 66396

Ion Ratio Lower Upper

101 100

85 46.1 0.0 87.0

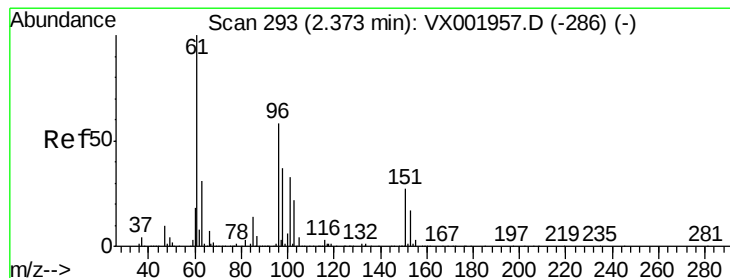
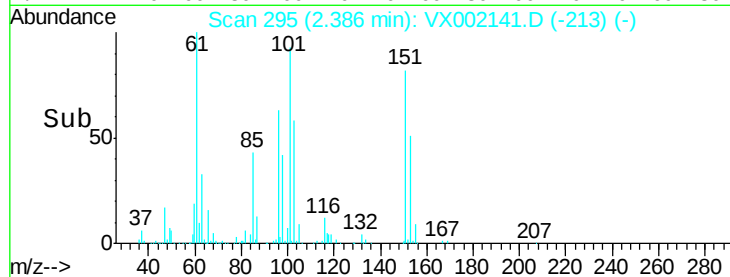
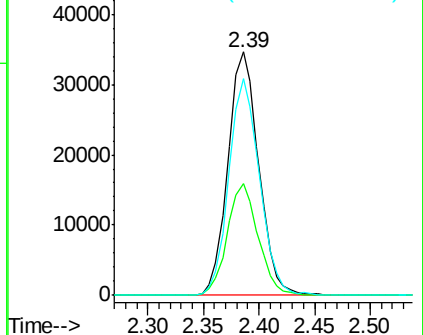
151 88.8 0.0 177.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 22.01 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

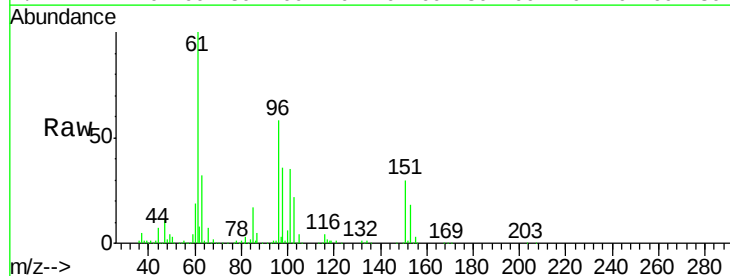
Tgt Ion: 96 Resp: 59154

Ion Ratio Lower Upper

96 100

61 171.9 137.5 206.3

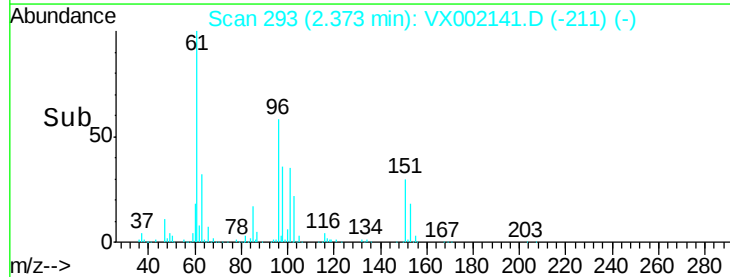
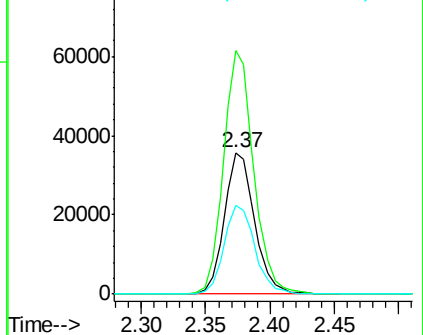
98 62.3 51.4 77.2

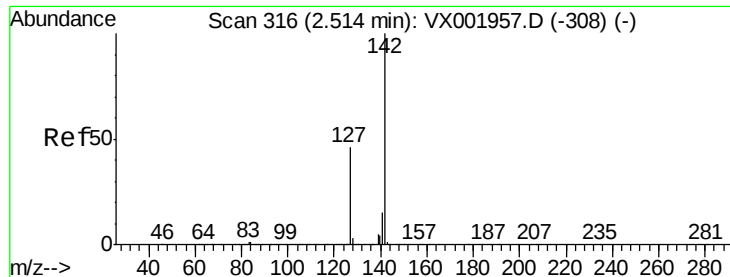


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

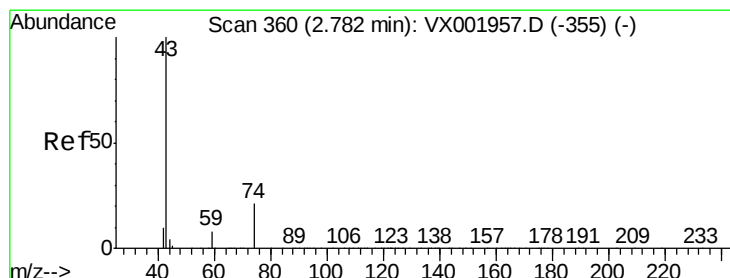
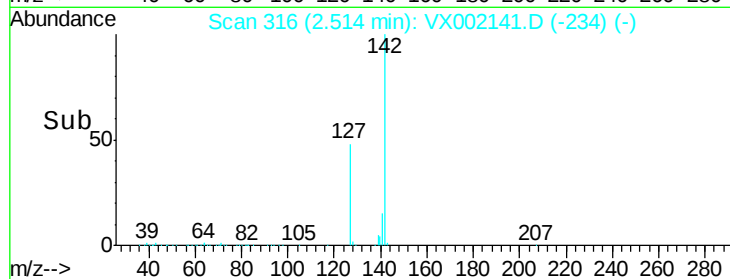
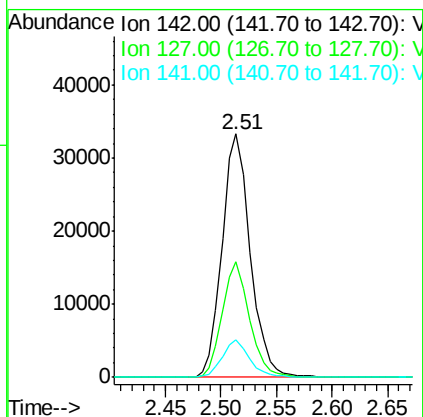
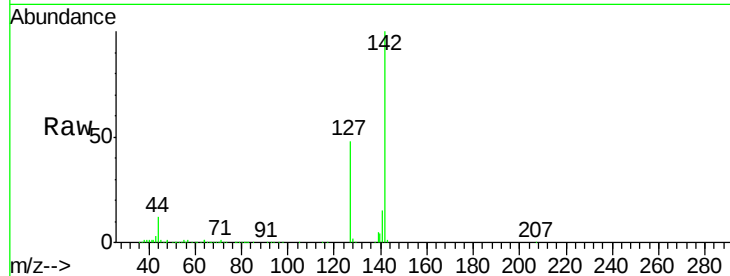




#11
Methyl Iodide
Concen: 13.86 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX002141.D
Acq: 30 May 2018 15:16

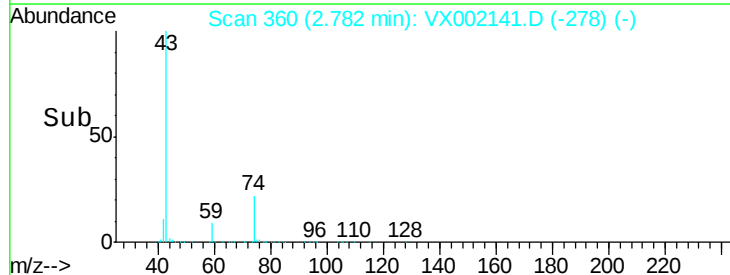
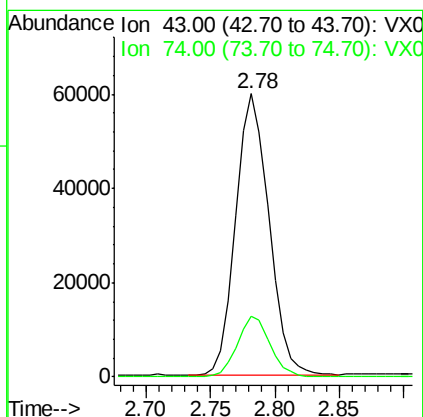
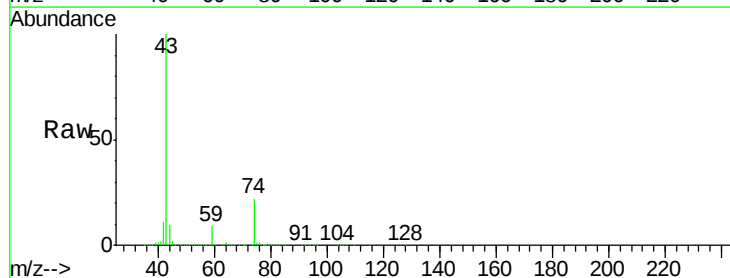
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

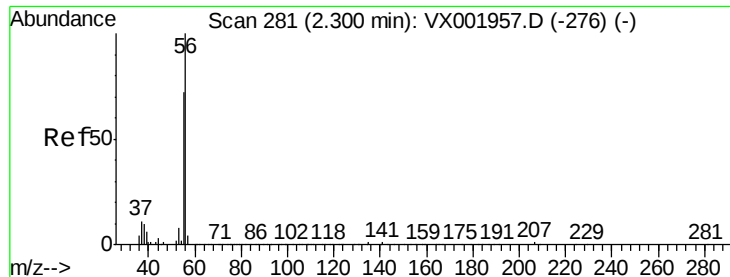
Tgt Ion:142 Resp: 58530
Ion Ratio Lower Upper
142 100
127 47.6 23.2 69.6
141 15.3 7.4 22.2



#12
Methyl Acetate
Concen: 24.59 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002141.D
Acq: 30 May 2018 15:16

Tgt Ion: 43 Resp: 107119
Ion Ratio Lower Upper
43 100
74 21.5 16.4 24.6





#13

Acrolein

Concen: 87.86 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

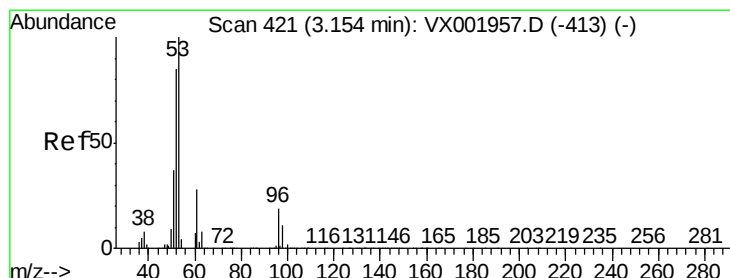
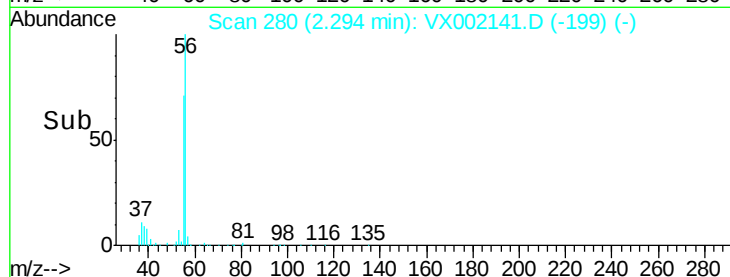
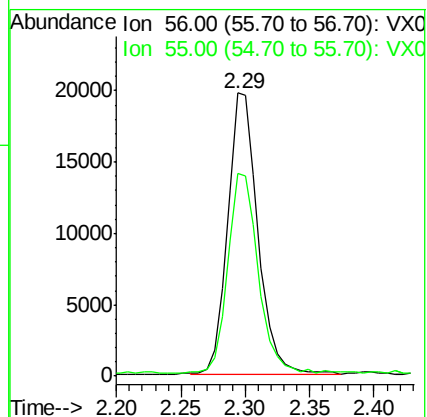
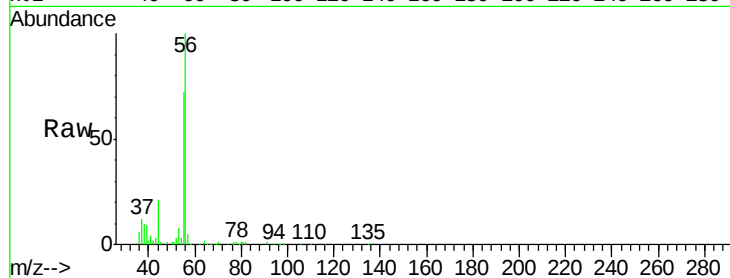
VX0530WBS01

Tgt Ion: 56 Resp: 32589

Ion Ratio Lower Upper

56 100

55 72.1 57.3 85.9



#14

Acrylonitrile

Concen: 109.36 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

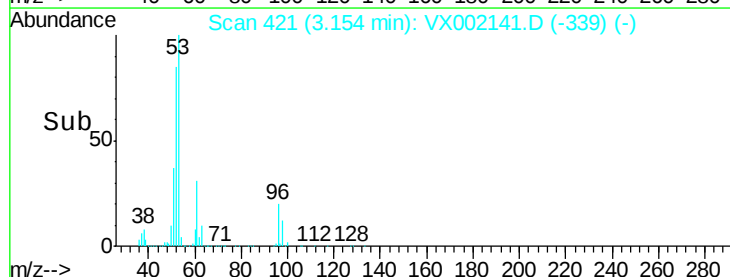
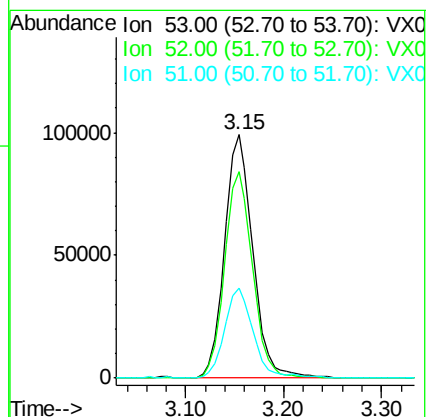
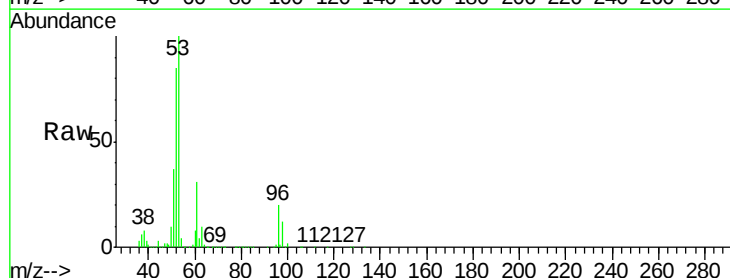
Tgt Ion: 53 Resp: 196010

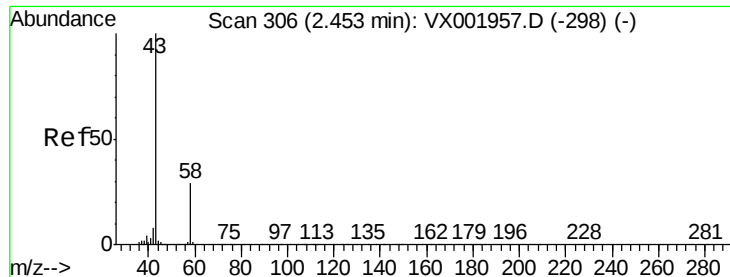
Ion Ratio Lower Upper

53 100

52 84.8 41.5 124.6

51 36.6 17.9 53.8





#15

Acetone

Concen: 115.47 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampled :

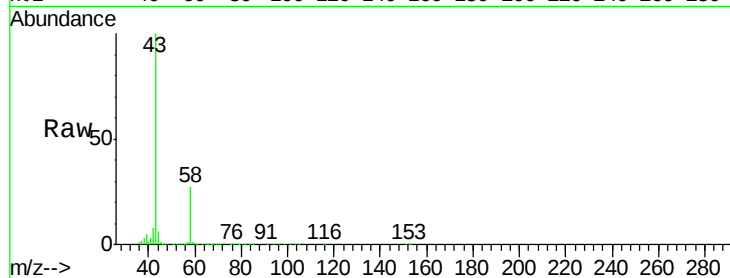
VX0530WBS01

Tgt Ion: 58 Resp: 55175

Ion Ratio Lower Upper

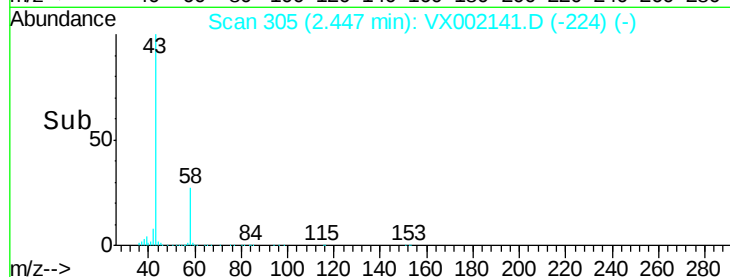
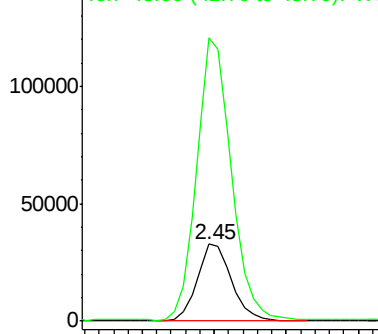
58 100

43 367.2 278.8 418.2

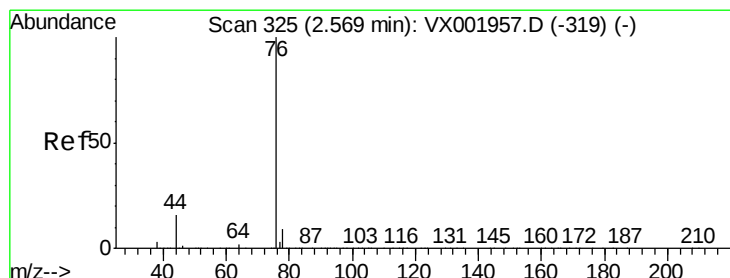


Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



Time-->



#16

Carbon Disulfide

Concen: 17.39 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002141.D

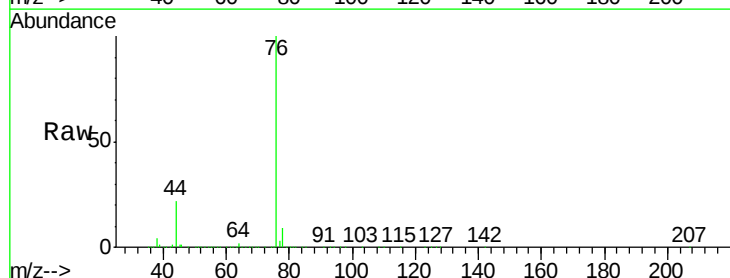
Acq: 30 May 2018 15:16

Tgt Ion: 76 Resp: 133507

Ion Ratio Lower Upper

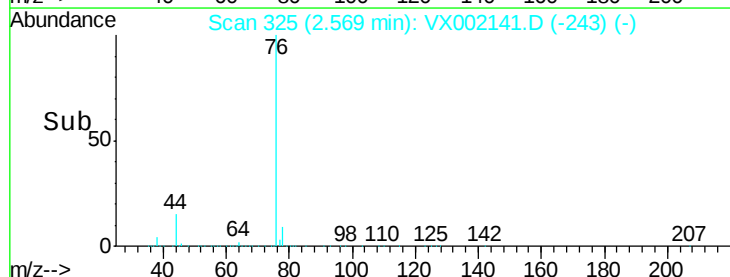
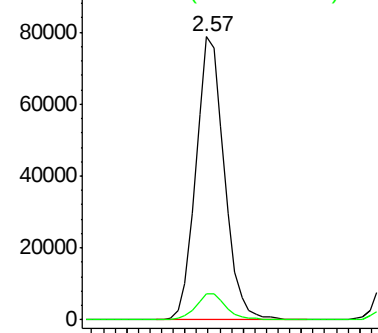
76 100

78 9.1 7.4 11.0

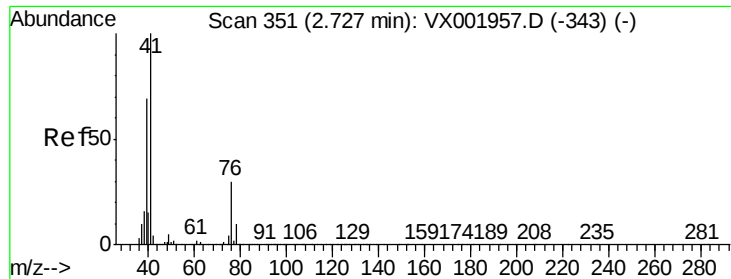


Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0



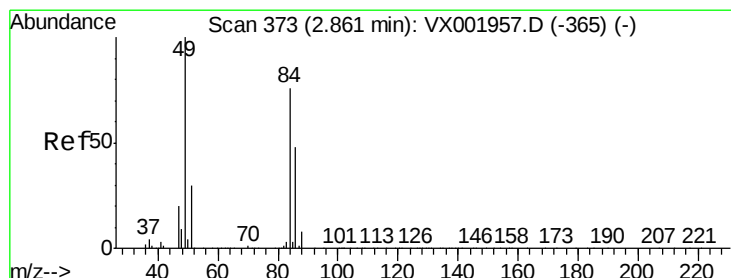
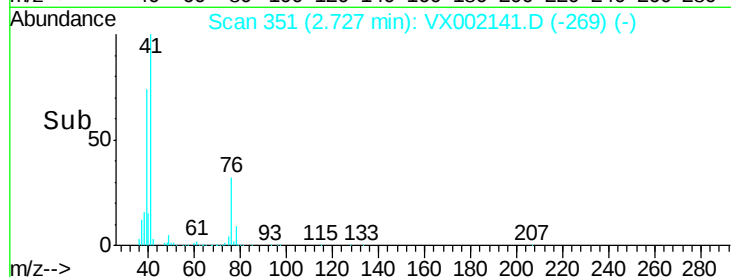
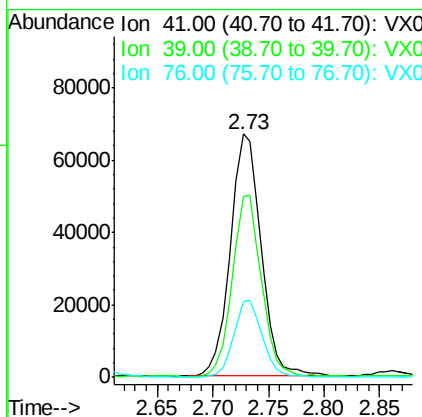
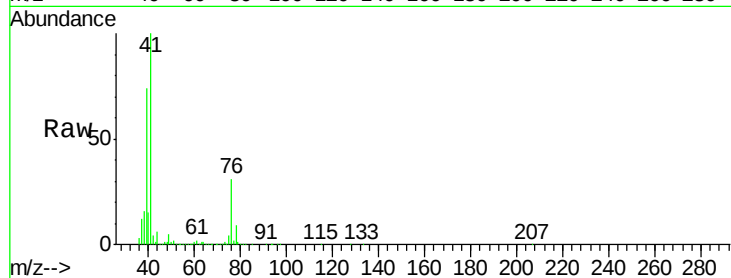
Time-->



#17
 Allyl chloride
 Concen: 23.17 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX002141.D
 Acq: 30 May 2018 15:16

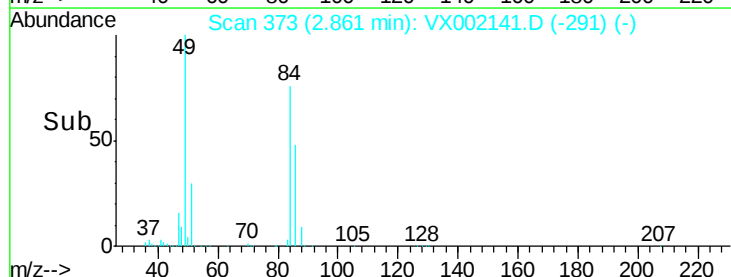
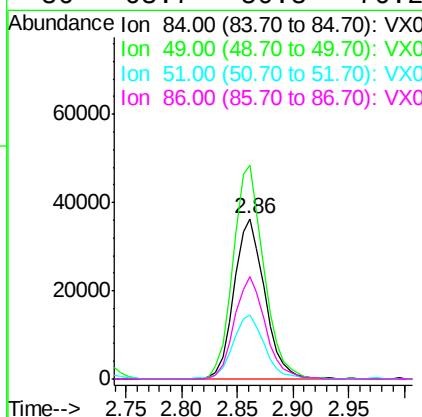
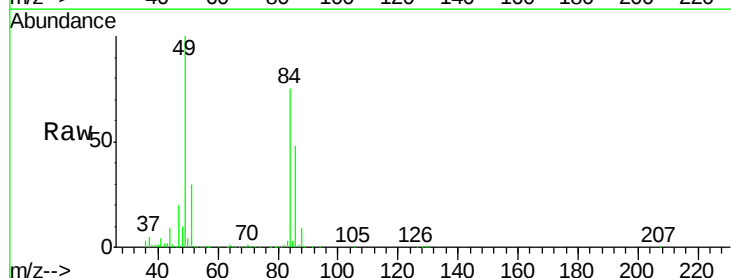
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

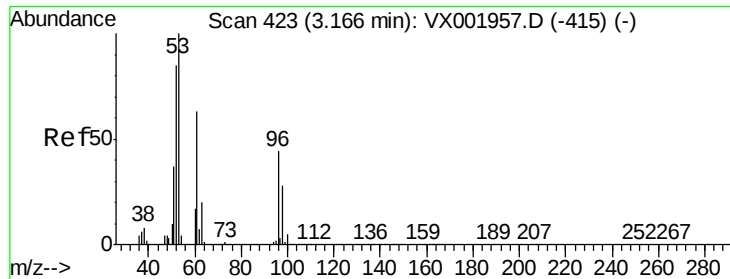
Tgt Ion: 41 Resp: 128544
 Ion Ratio Lower Upper
 41 100
 39 74.4 34.6 103.8
 76 31.3 15.0 45.1



#18
 Methylene Chloride
 Concen: 22.96 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002141.D
 Acq: 30 May 2018 15:16

Tgt Ion: 84 Resp: 69354
 Ion Ratio Lower Upper
 84 100
 49 133.2 104.7 157.1
 51 39.7 31.0 46.4
 86 63.7 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 22.21 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS01

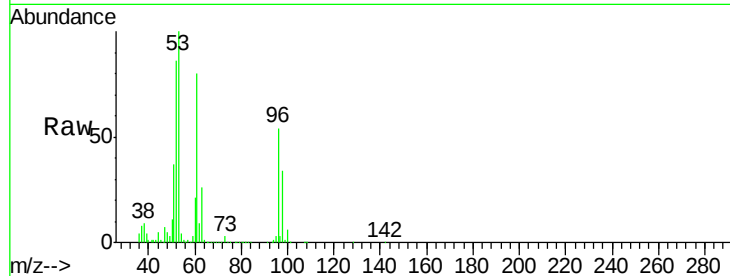
Tgt Ion: 96 Resp: 63120

Ion Ratio Lower Upper

96 100

61 149.6 114.6 172.0

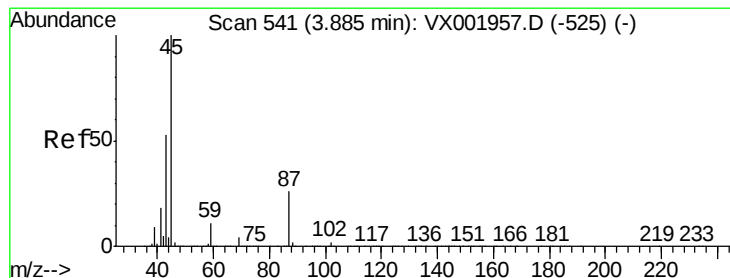
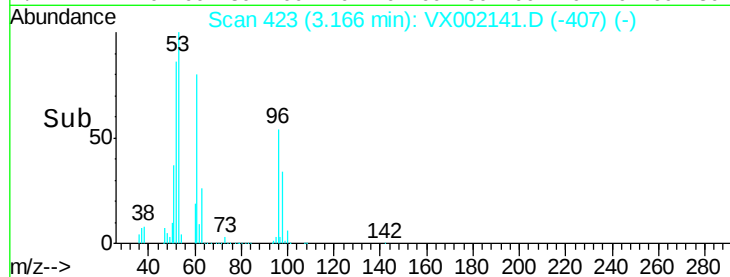
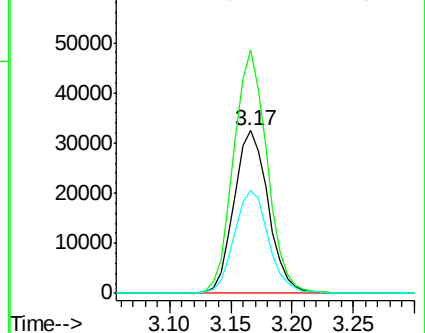
98 63.3 51.3 76.9



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 21.74 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Tgt Ion: 45 Resp: 230234

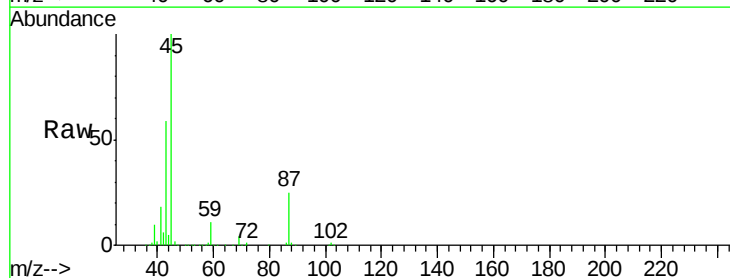
Ion Ratio Lower Upper

45 100

43 58.0 45.6 68.4

87 24.8 20.7 31.1

59 10.9 8.9 13.3

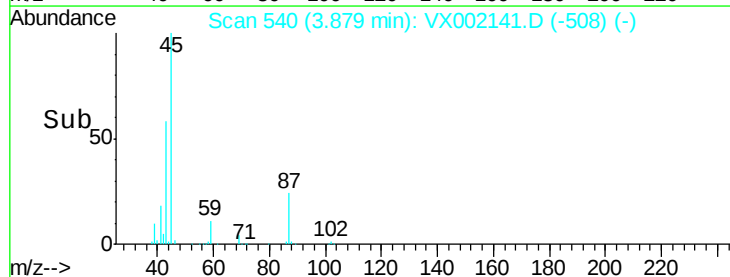
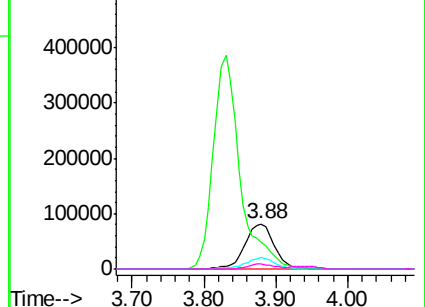


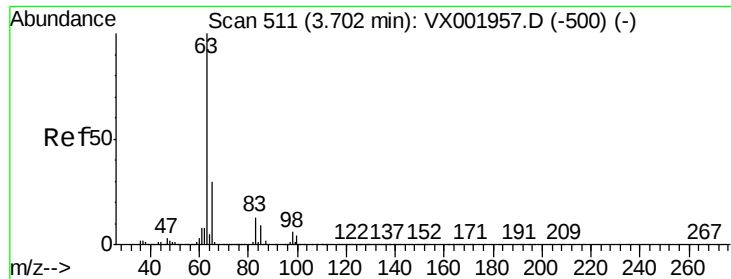
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 23.04 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS01

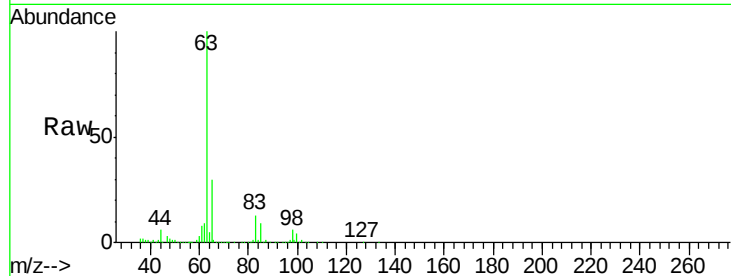
Tgt Ion: 63 Resp: 129888

Ion Ratio Lower Upper

63 100

98 6.0 3.1 9.3

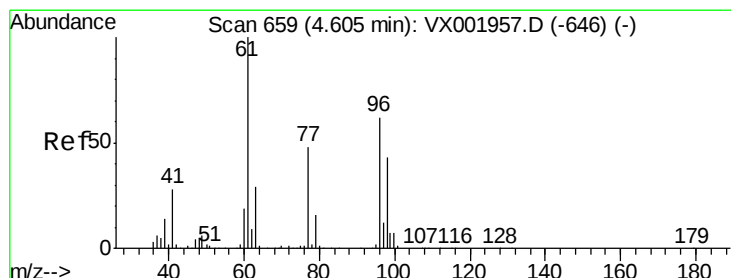
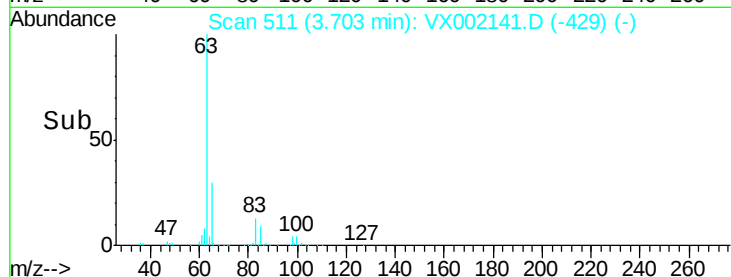
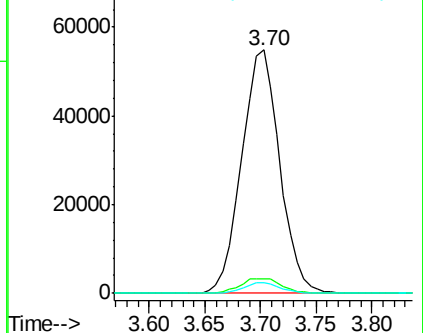
100 4.2 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 20.15 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

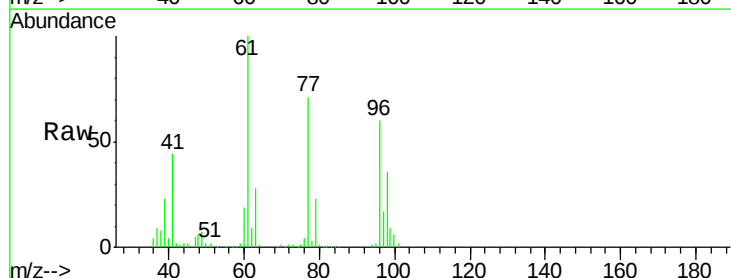
Tgt Ion: 96 Resp: 68272

Ion Ratio Lower Upper

96 100

61 189.6 160.2 240.2

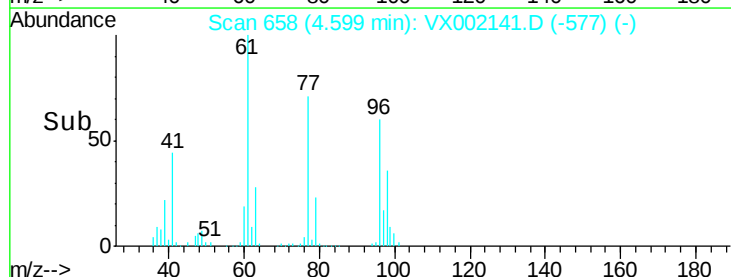
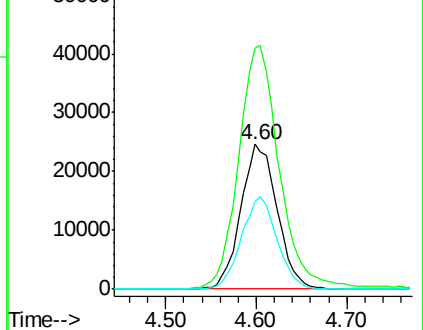
98 63.0 54.1 81.1

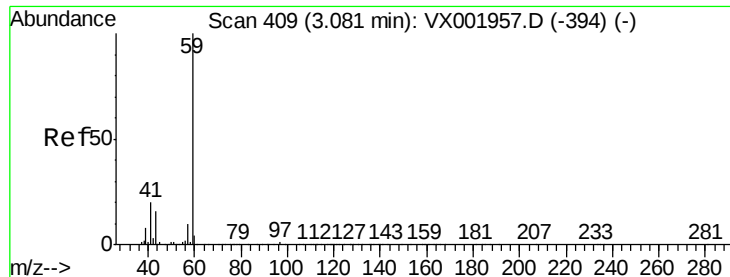


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



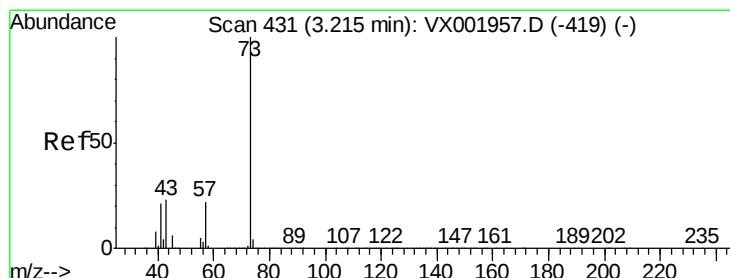
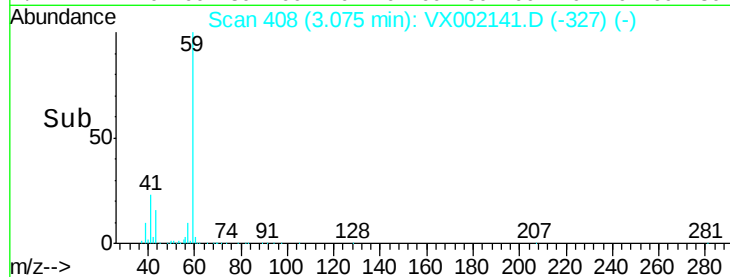
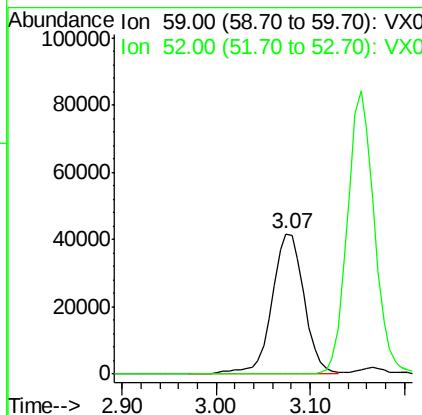
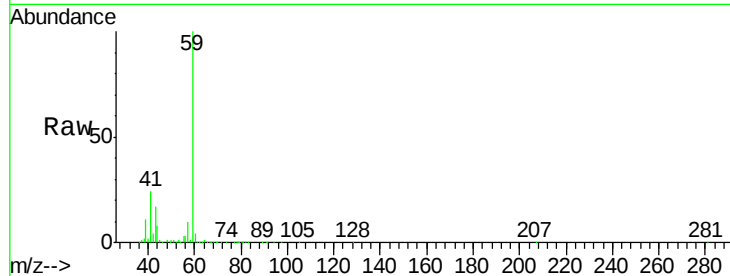


#23

tert-Butyl Alcohol
 Concen: 106.42 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002141.D
 Acq: 30 May 2018 15:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

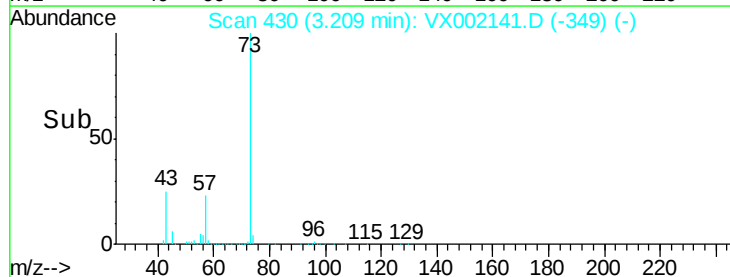
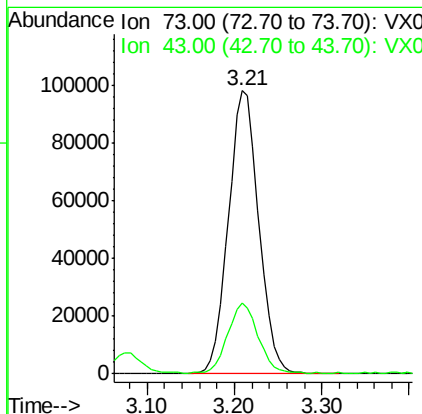
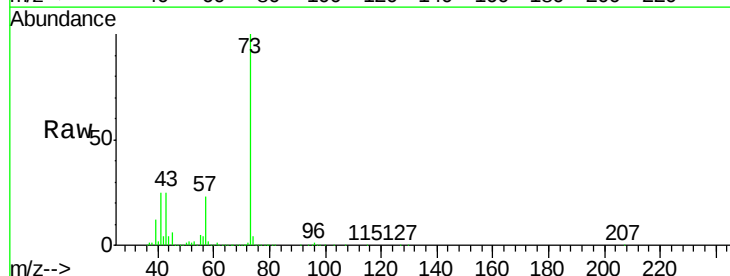
Tgt Ion: 59 Resp: 98933
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.2#

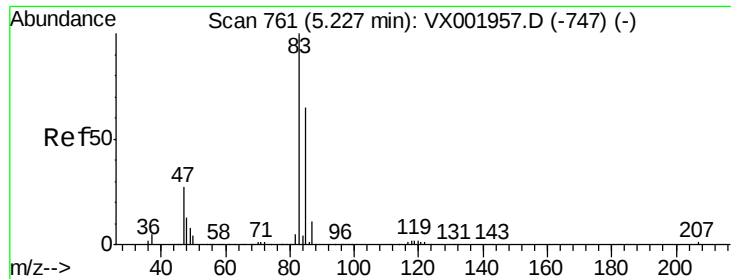


#24

Methyl tert-Butyl Ether
 Concen: 22.59 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX002141.D
 Acq: 30 May 2018 15:16

Tgt Ion: 73 Resp: 237031
 Ion Ratio Lower Upper
 73 100
 43 24.5 19.0 28.4





#25

Chloroform

Concen: 20.69 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

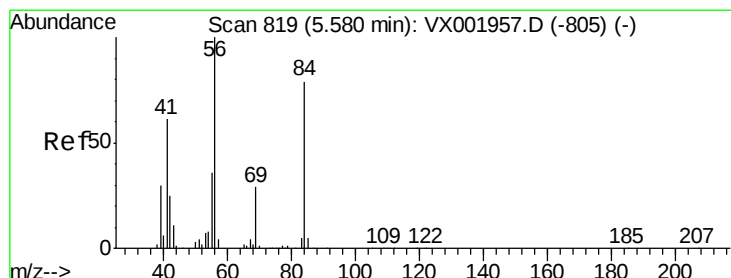
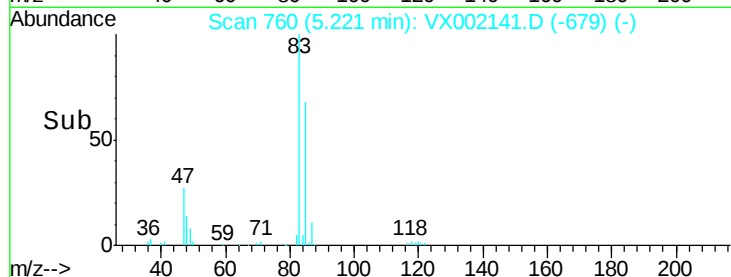
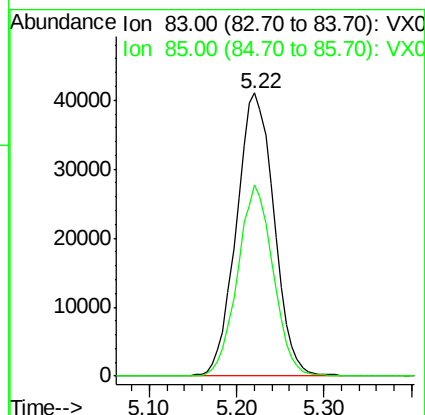
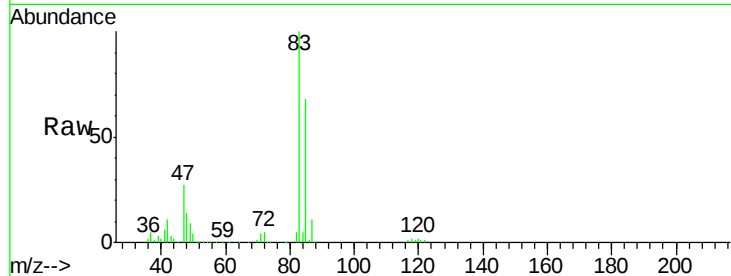
VX0530WBS01

Tgt Ion: 83 Resp: 122670

Ion Ratio Lower Upper

83 100

85 67.6 51.9 77.9



#26

Cyclohexane

Concen: 20.01 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

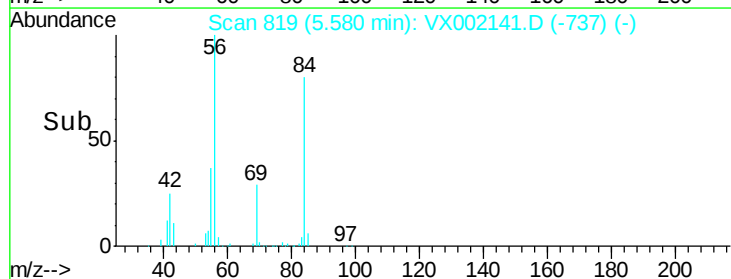
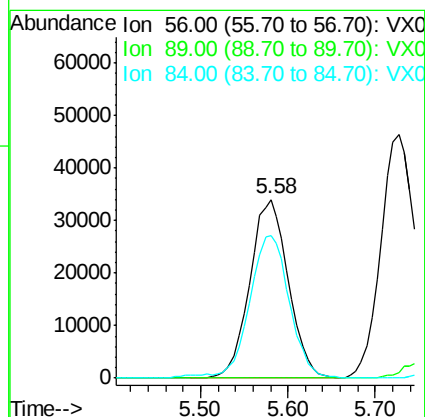
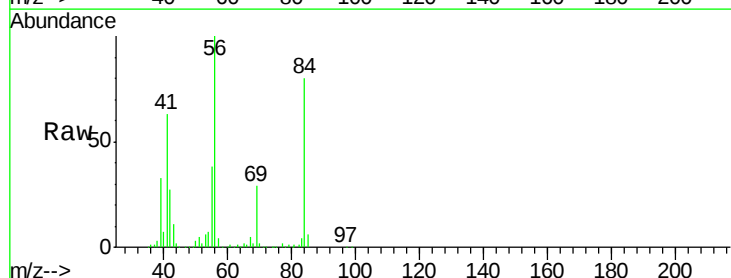
Tgt Ion: 56 Resp: 103851

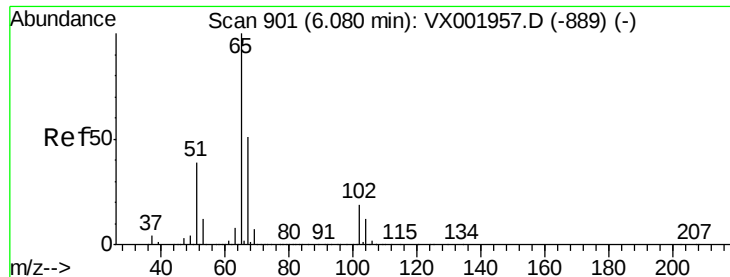
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 81.8 64.9 97.3





#27

1,2-Dichloroethane-d4

Concen: 30.65 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

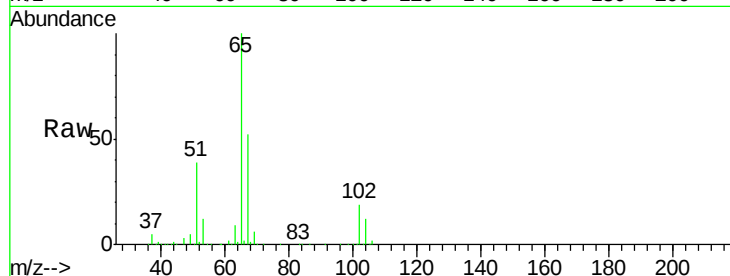
VX0530WBS01

Tgt Ion: 65 Resp: 130280

Ion Ratio Lower Upper

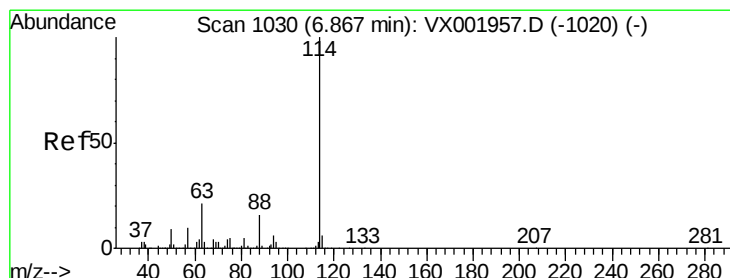
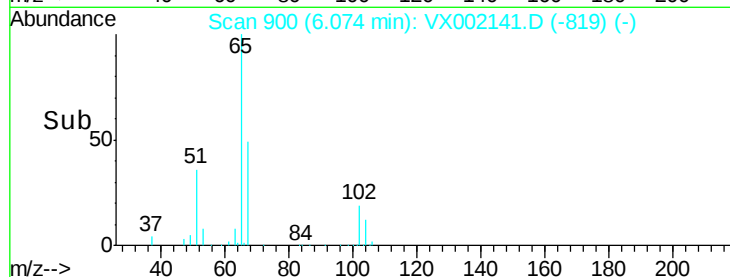
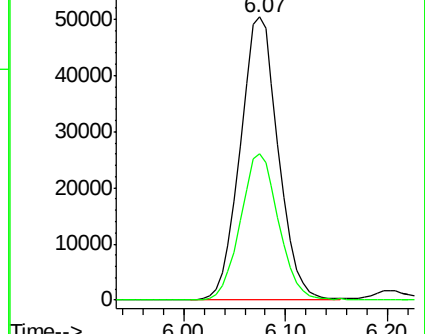
65 100

67 51.8 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

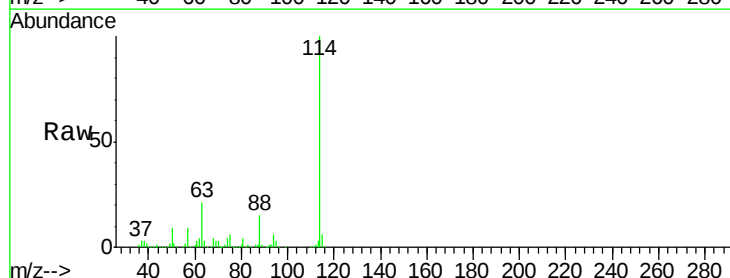
Tgt Ion: 114 Resp: 310957

Ion Ratio Lower Upper

114 100

63 21.0 17.1 25.7

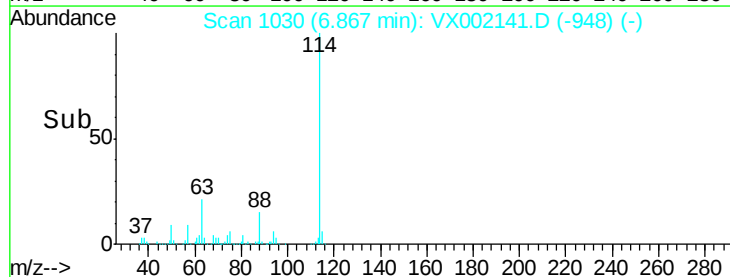
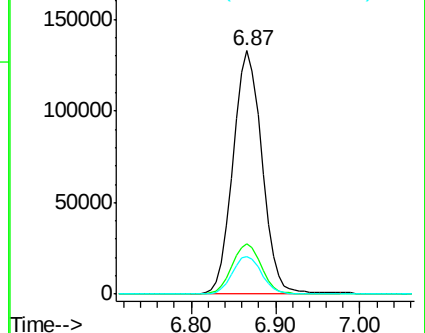
88 15.4 12.6 19.0

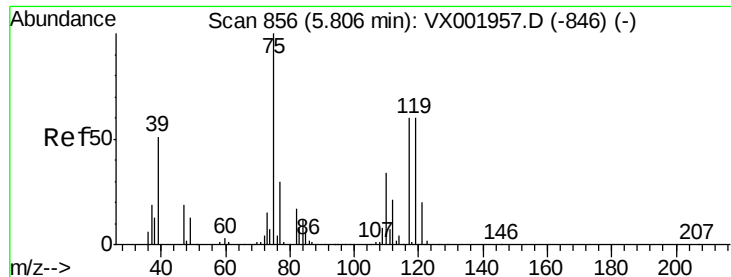


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

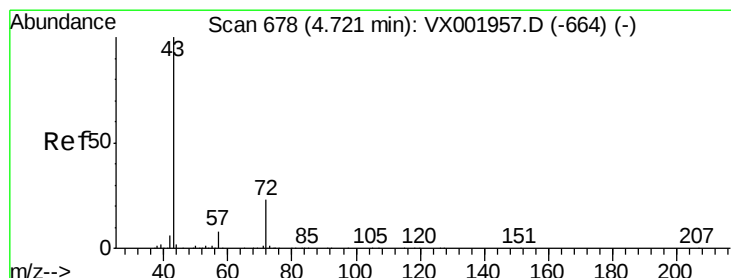
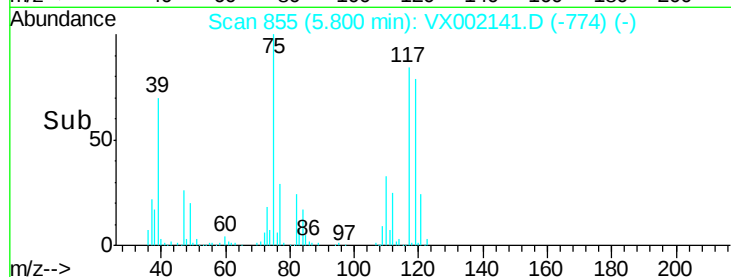
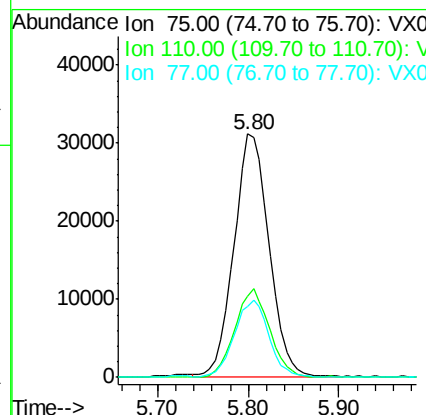
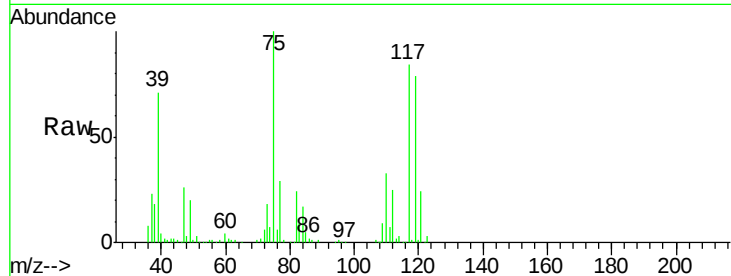




#29
 1,1-Dichloropropene
 Concen: 19.41 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX002141.D
 Acq: 30 May 2018 15:16

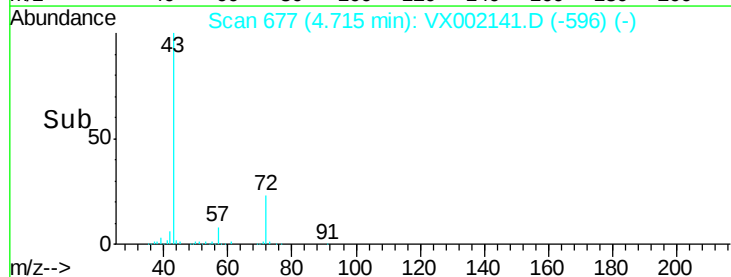
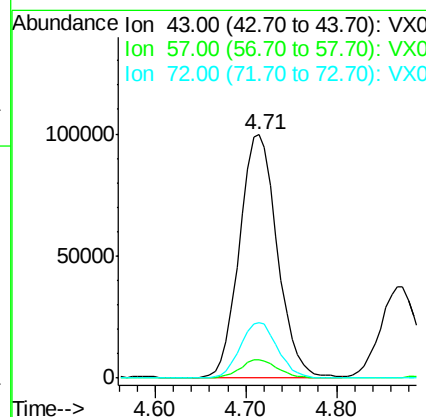
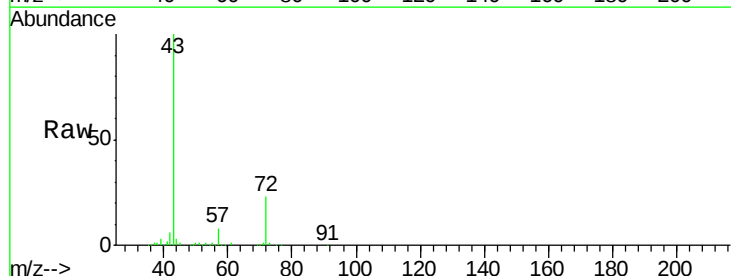
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

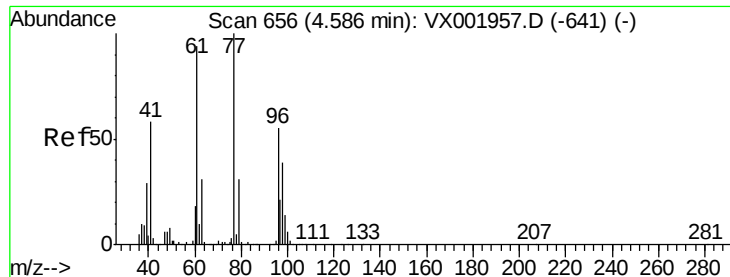
Tgt Ion: 75 Resp: 84445
 Ion Ratio Lower Upper
 75 100
 110 35.6 0.0 71.4
 77 31.0 0.0 60.6



#30
 2-Butanone
 Concen: 94.35 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: VX002141.D
 Acq: 30 May 2018 15:16

Tgt Ion: 43 Resp: 286301
 Ion Ratio Lower Upper
 43 100
 57 7.2 6.1 9.1
 72 22.8 18.1 27.1





#31

2,2-Dichloropropane

Concen: 26.39 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

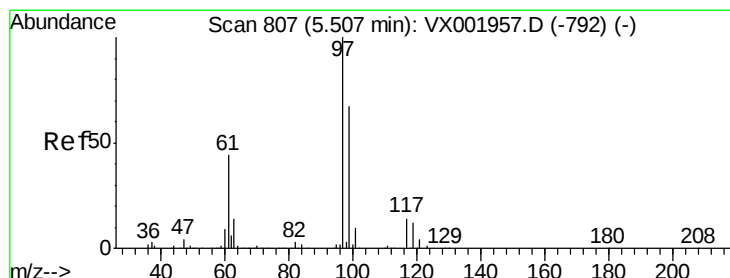
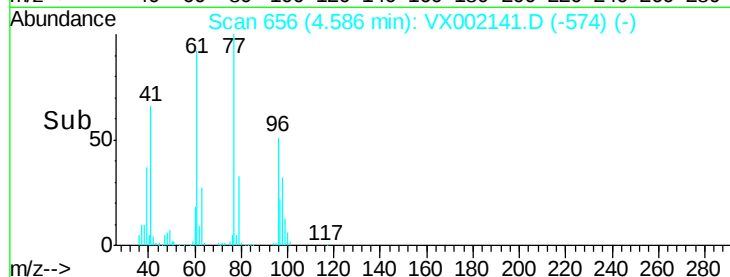
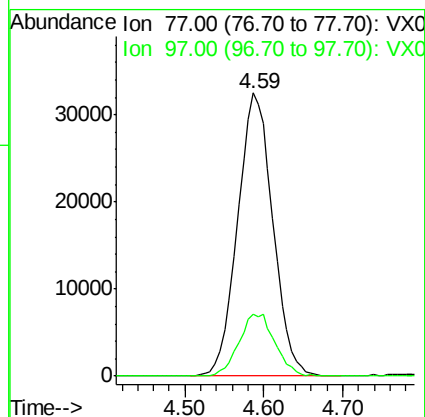
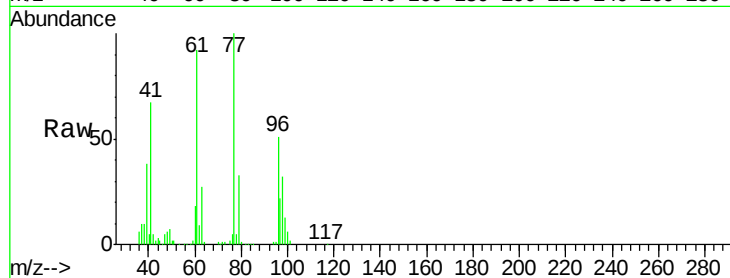
VX0530WBS01

Tgt Ion: 77 Resp: 100904

Ion Ratio Lower Upper

77 100

97 22.4 18.7 28.1



#32

1,1,1-Trichloroethane

Concen: 18.67 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

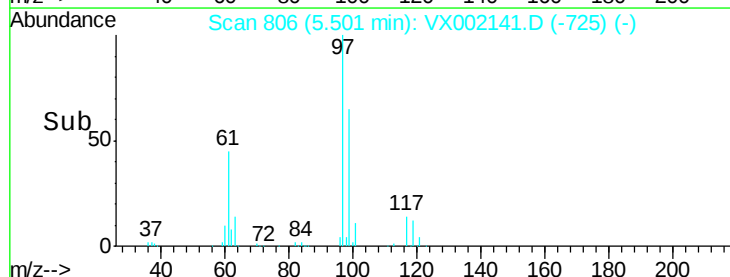
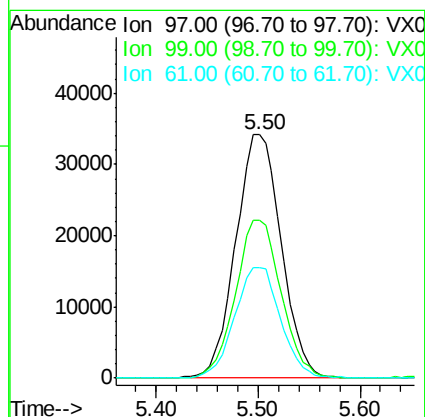
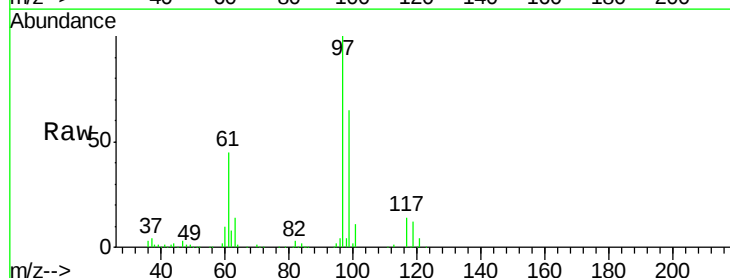
Tgt Ion: 97 Resp: 106075

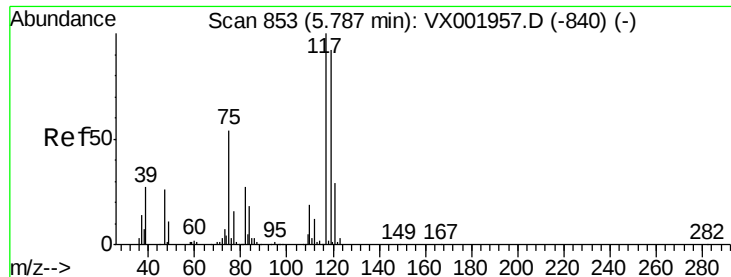
Ion Ratio Lower Upper

97 100

99 65.0 51.7 77.5

61 45.8 36.4 54.6





#33

Carbon Tetrachloride

Concen: 17.71 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS01

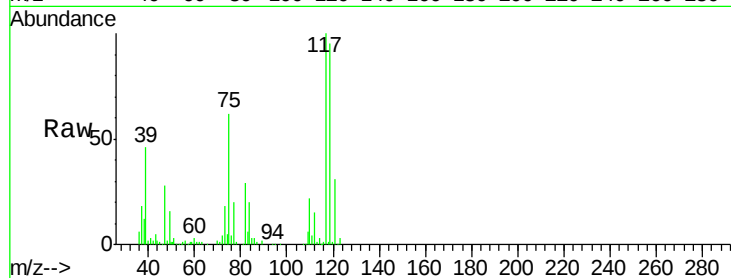
Tgt Ion:117 Resp: 91452

Ion Ratio Lower Upper

117 100

119 95.4 73.3 109.9

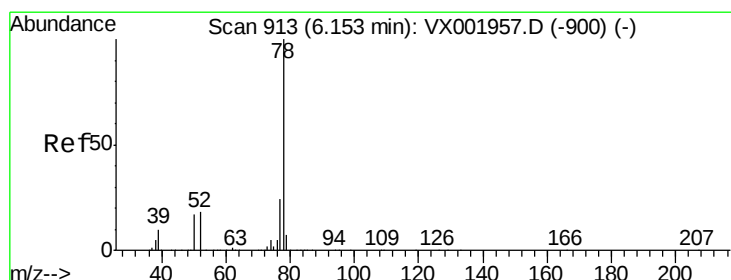
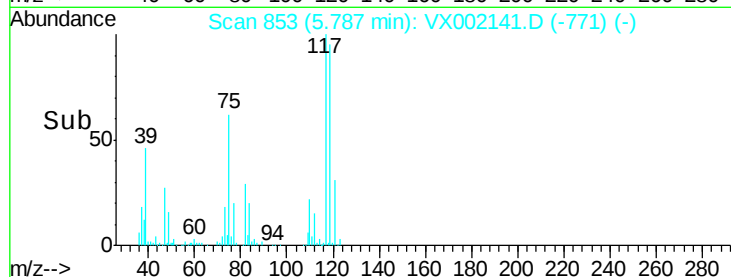
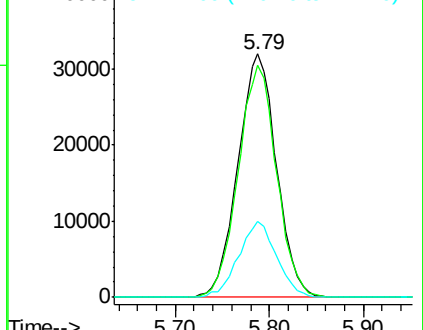
121 30.9 23.6 35.4



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: 19.64 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

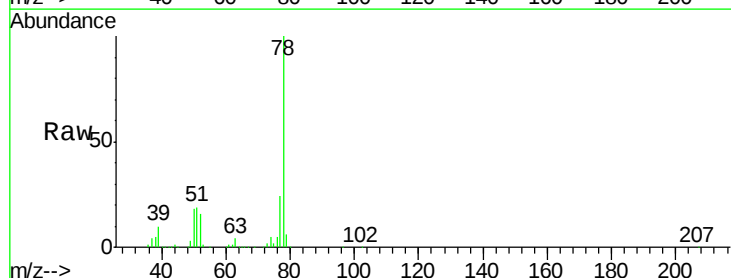
Tgt Ion: 78 Resp: 257969

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.0

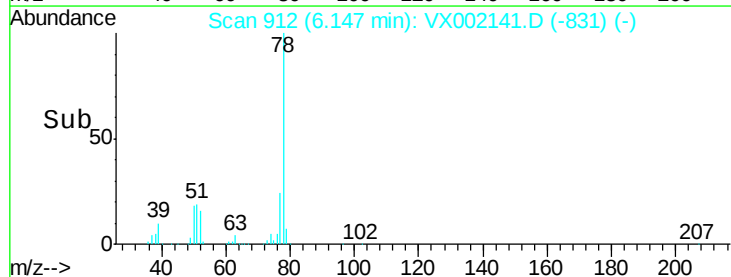
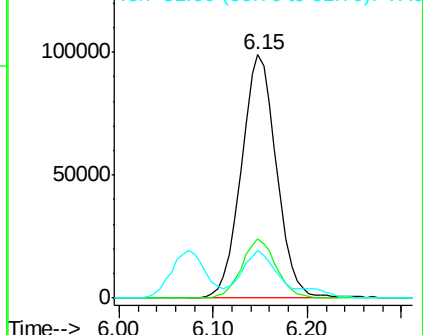
51 18.4 13.8 20.6

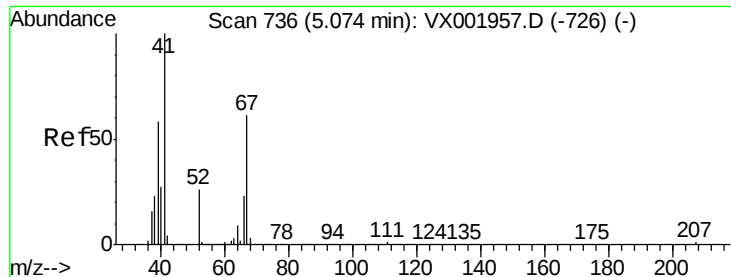


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

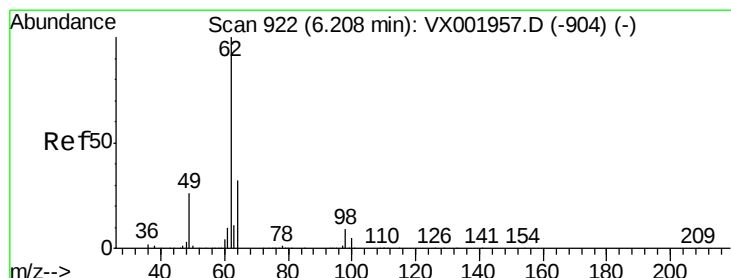
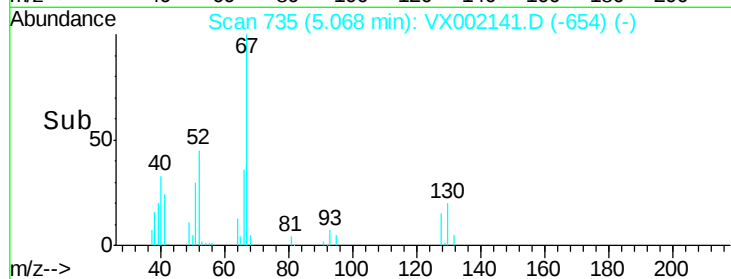
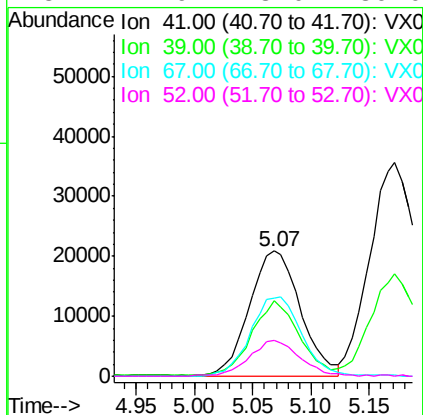
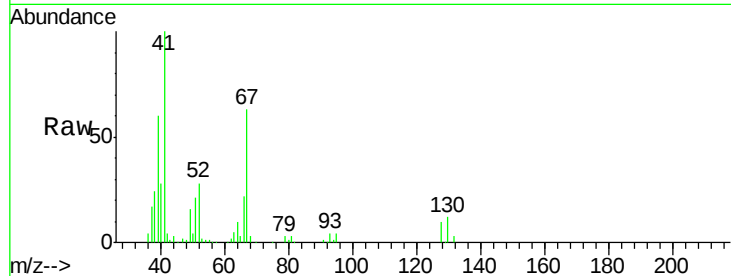




#35
Methacrylonitrile
Concen: 18.81 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002141.D
Acq: 30 May 2018 15:16

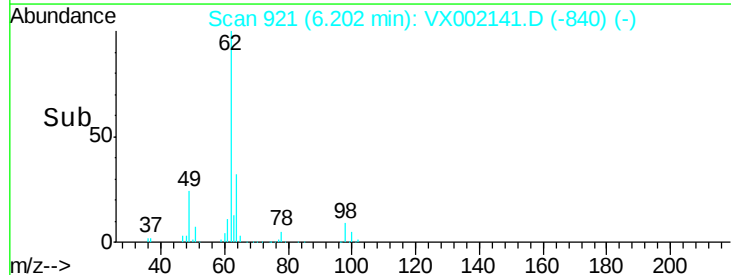
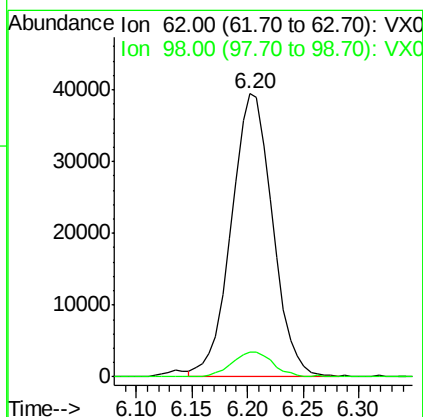
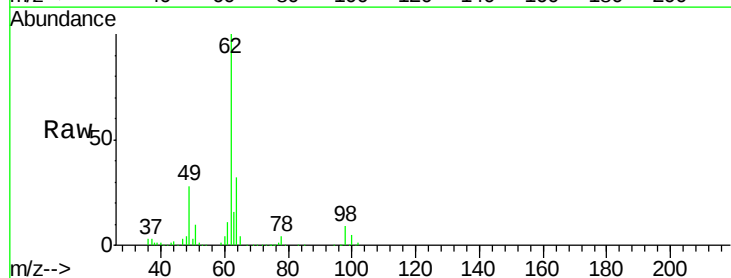
Instrument :
MSVOA_X
ClientSampled :
VX0530WBS01

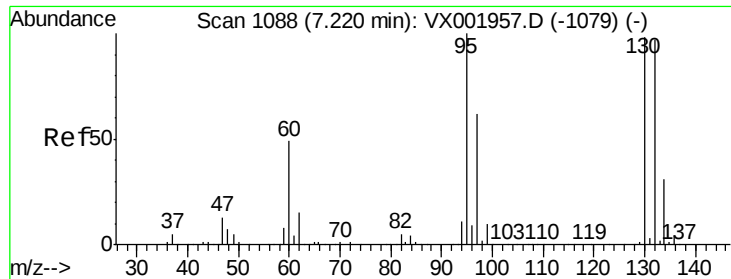
Tgt Ion:	41	Resp:	63201
Ion	Ratio	Lower	Upper
41	100		
39	59.5	28.8	86.5
67	62.9	30.4	91.2
52	27.9	13.0	39.0



#36
1,2-Dichloroethane
Concen: 19.71 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002141.D
Acq: 30 May 2018 15:16

Tgt Ion:	62	Resp:	100889
Ion	Ratio	Lower	Upper
62	100		
98	8.9	6.5	9.7

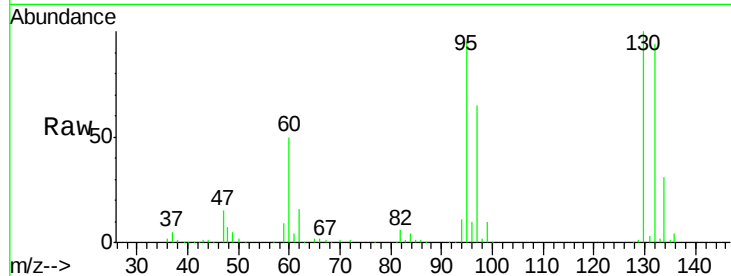




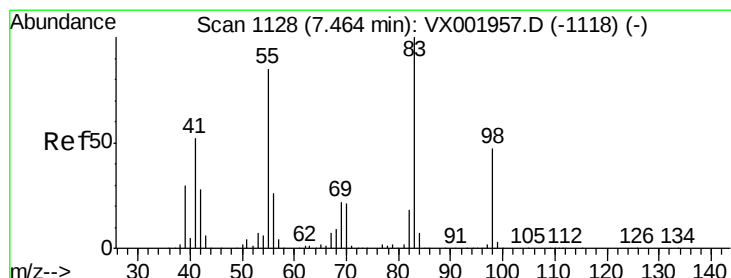
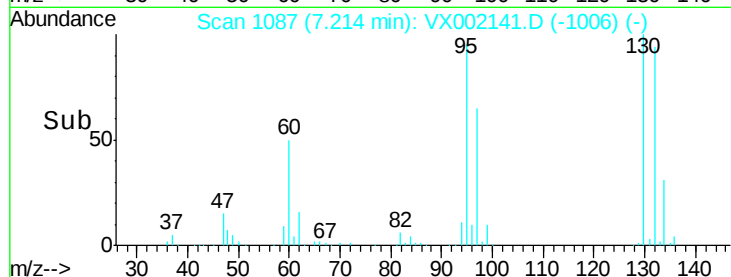
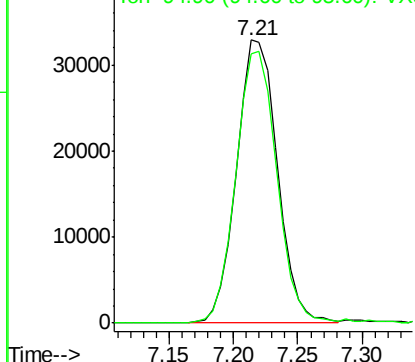
#37
 Trichloroethene
 Concen: 19.44 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002141.D
 Acq: 30 May 2018 15:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

Tgt Ion: 130 Resp: 72455
 Ion Ratio Lower Upper
 130 100
 95 95.0 81.5 122.3

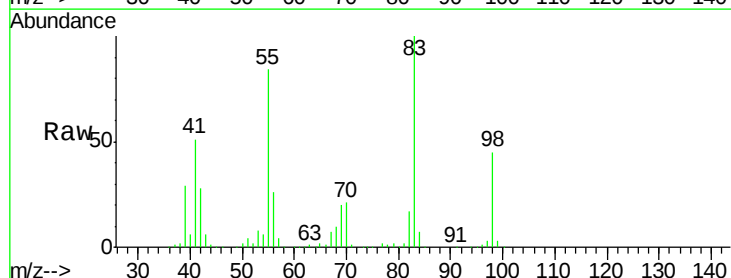


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

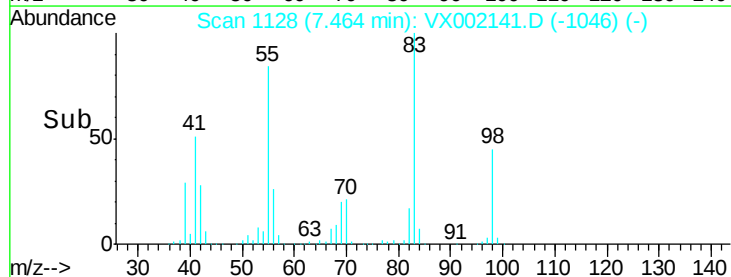
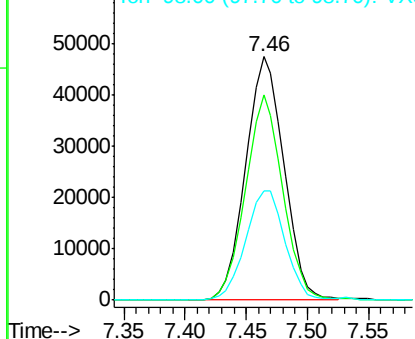


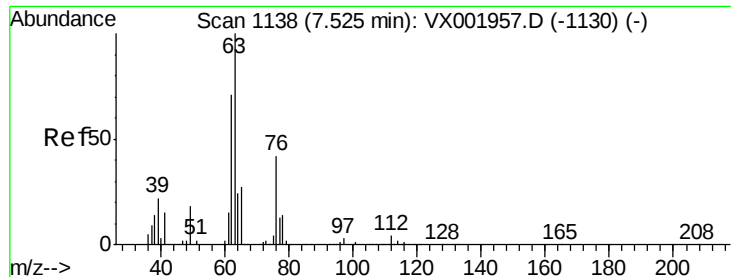
#38
 Methylcyclohexane
 Concen: 20.38 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX002141.D
 Acq: 30 May 2018 15:16

Tgt Ion: 83 Resp: 103449
 Ion Ratio Lower Upper
 83 100
 55 81.8 40.6 121.8
 98 46.5 23.5 70.5



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

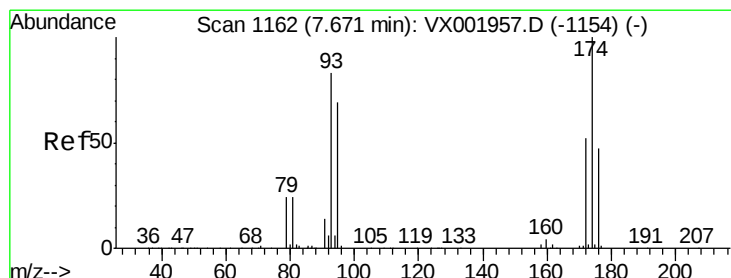
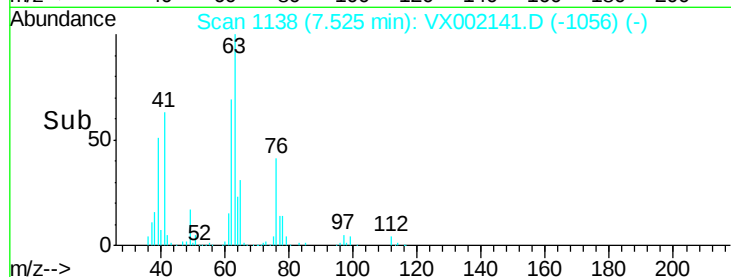
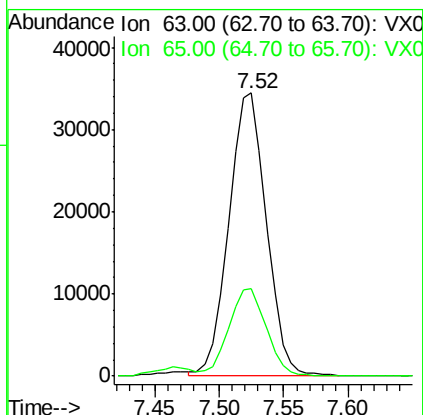
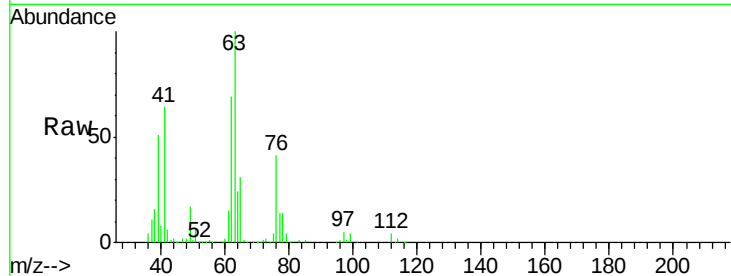




#39
 1,2-Dichloropropane
 Concen: 19.72 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX002141.D
 Acq: 30 May 2018 15:16

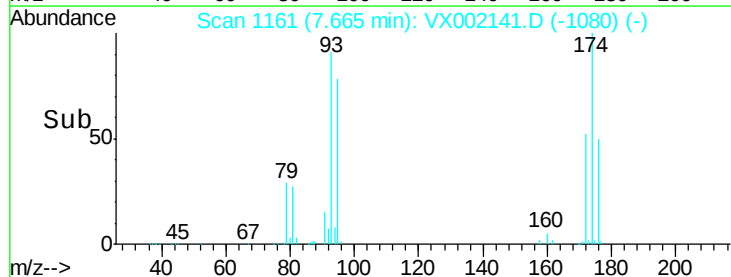
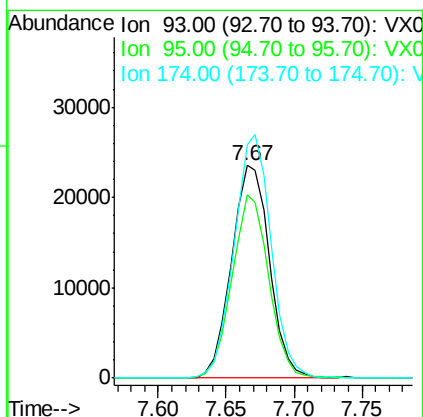
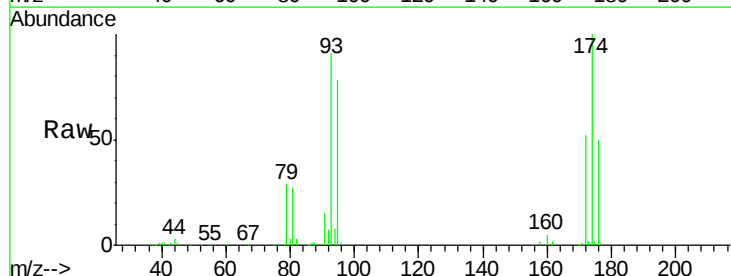
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

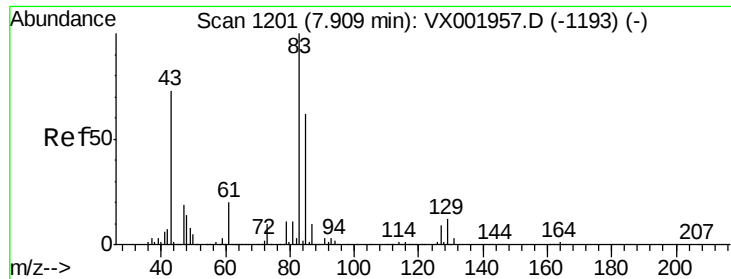
Tgt Ion: 63 Resp: 70040
 Ion Ratio Lower Upper
 63 100
 65 30.7 23.3 34.9



#40
 Dibromomethane
 Concen: 19.22 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX002141.D
 Acq: 30 May 2018 15:16

Tgt Ion: 93 Resp: 45814
 Ion Ratio Lower Upper
 93 100
 95 83.3 0.0 162.6
 174 111.9 0.0 229.4





#41

Bromodichloromethane

Concen: 17.31 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS01

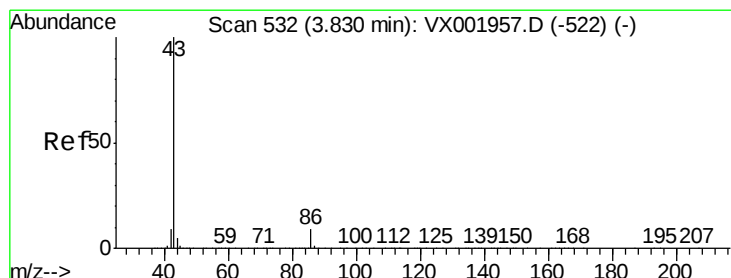
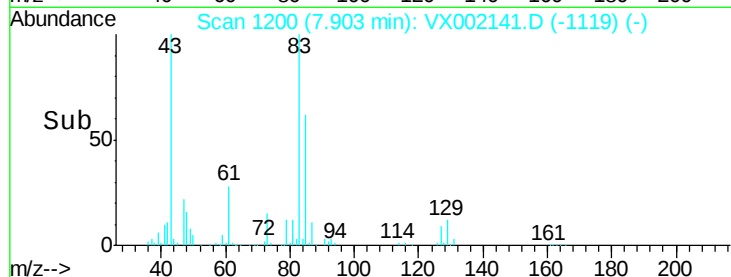
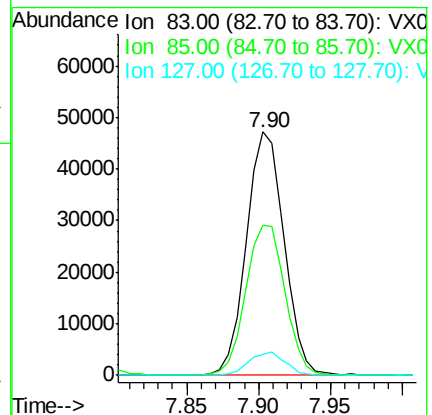
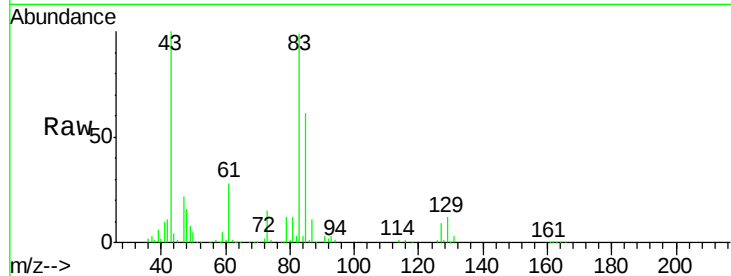
Tgt Ion: 83 Resp: 85563

Ion Ratio Lower Upper

83 100

85 61.5 49.8 74.8

127 8.6 7.3 10.9



#42

Vinyl Acetate

Concen: 104.26 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002141.D

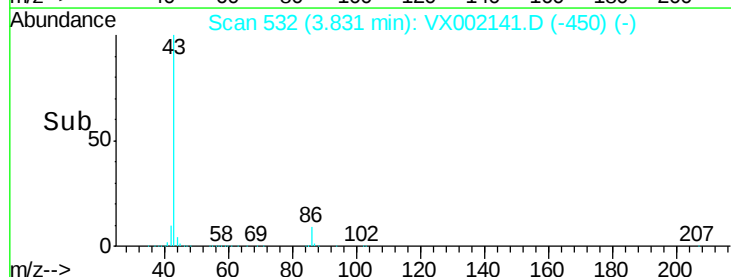
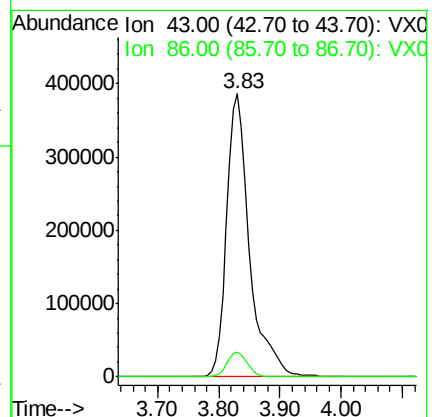
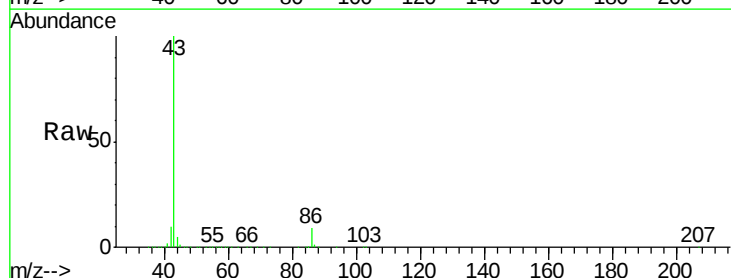
Acq: 30 May 2018 15:16

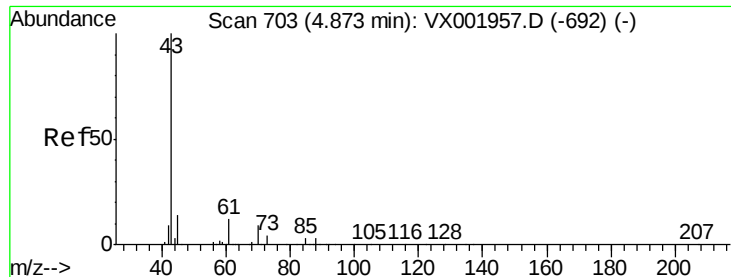
Tgt Ion: 43 Resp: 1001003

Ion Ratio Lower Upper

43 100

86 7.8 6.7 10.1





#43

Ethyl Acetate

Concen: 18.45 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.01 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

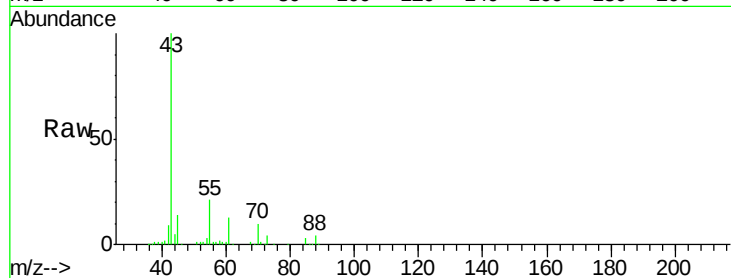
VX0530WBS01

Tgt Ion: 43 Resp: 109873

Ion Ratio Lower Upper

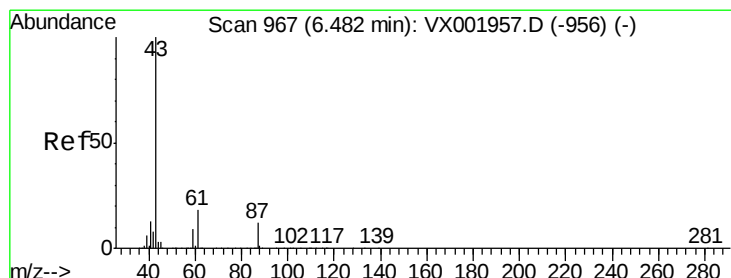
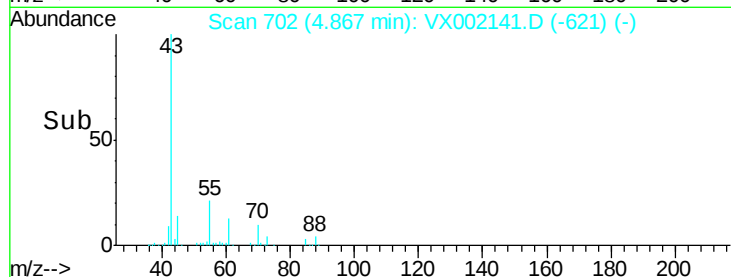
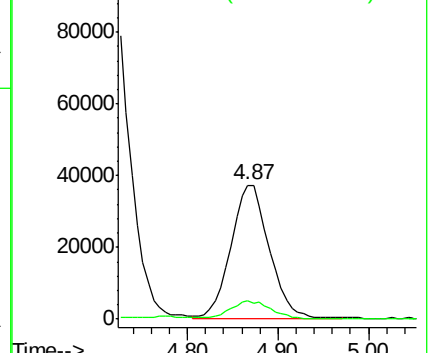
43 100

45 13.9 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 18.50 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002141.D

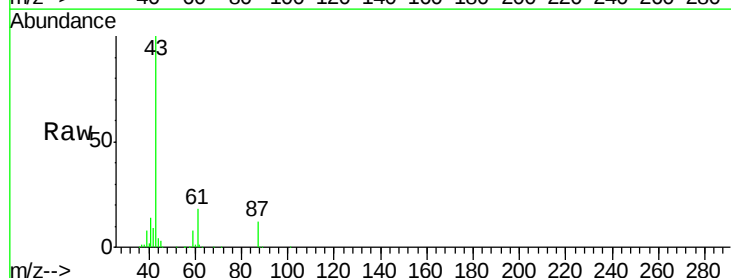
Acq: 30 May 2018 15:16

Tgt Ion: 43 Resp: 183236

Ion Ratio Lower Upper

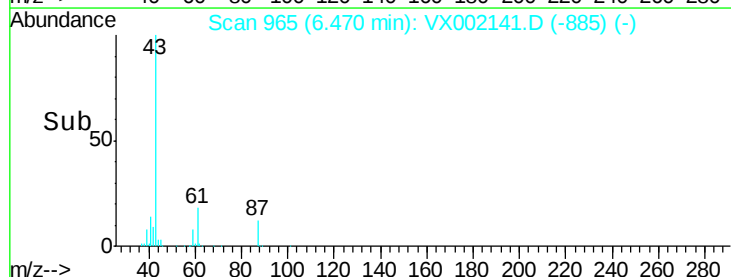
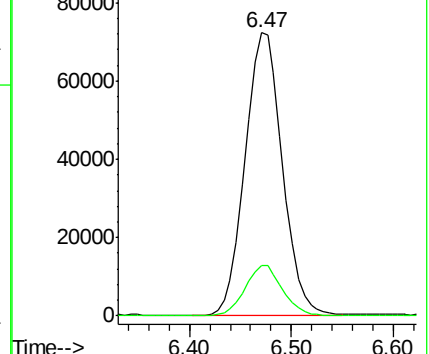
43 100

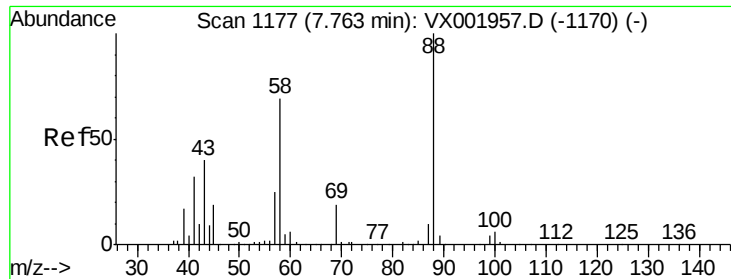
61 17.8 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

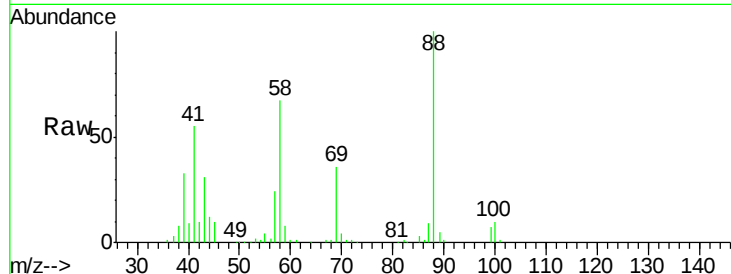




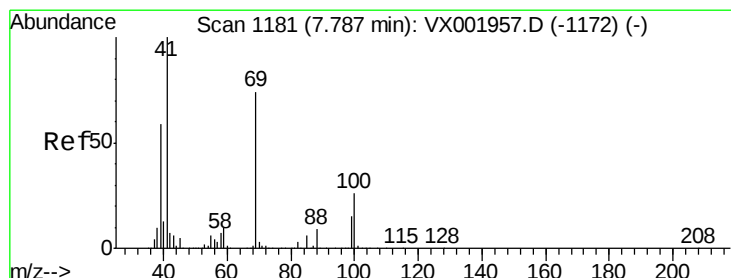
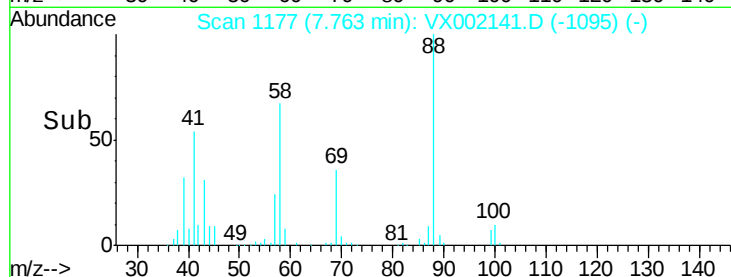
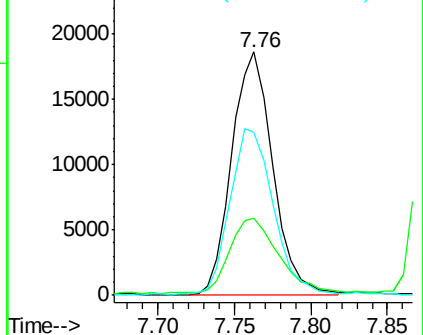
#45
 1,4-Dioxane
 Concen: 369.56 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX002141.D
 Acq: 30 May 2018 15:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

Tgt Ion: 88 Resp: 34823
 Ion Ratio Lower Upper
 88 100
 43 36.2 43.2 64.8#
 58 72.1 60.2 90.2

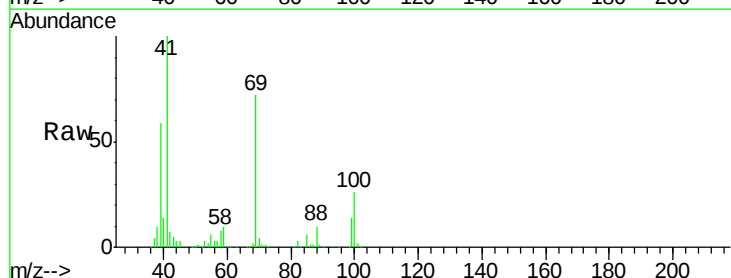


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

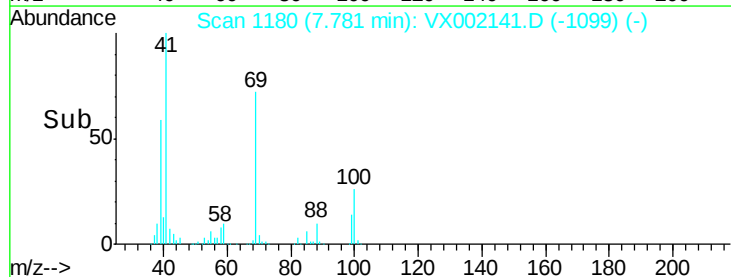
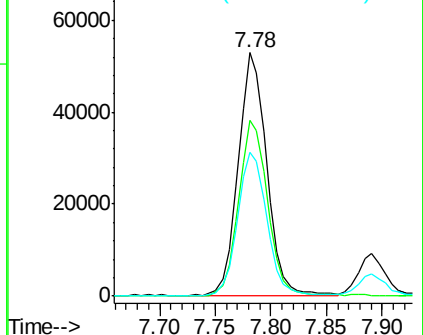


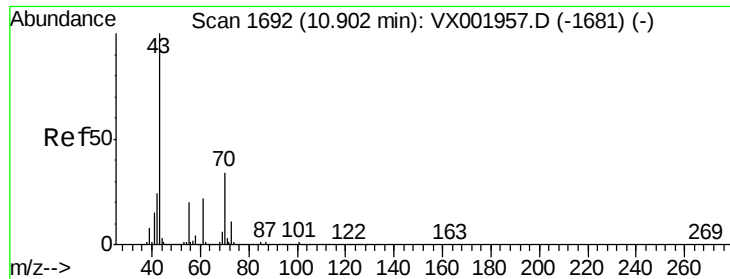
#46
 Methyl methacrylate
 Concen: 18.72 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VX002141.D
 Acq: 30 May 2018 15:16

Tgt Ion: 41 Resp: 93890
 Ion Ratio Lower Upper
 41 100
 69 72.5 37.0 110.9
 39 59.0 29.6 88.9



Abundance Ion 41.00 (40.70 to 41.70): VX0
 Ion 69.00 (68.70 to 69.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#47

n-amy1 Acetate

Concen: 18.34 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

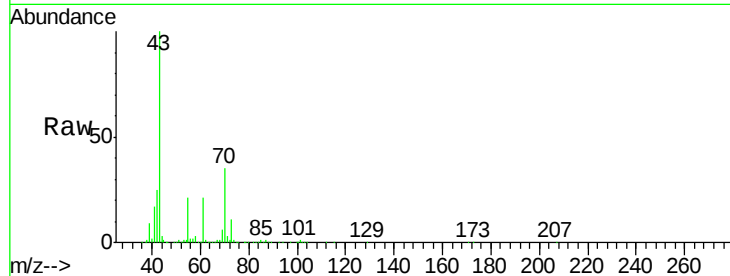
VX0530WBS01

Tgt Ion: 43 Resp: 167162

Ion Ratio Lower Upper

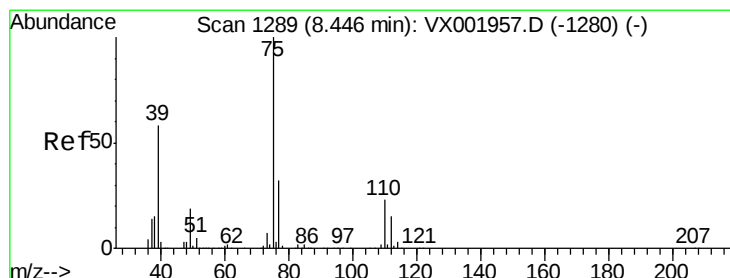
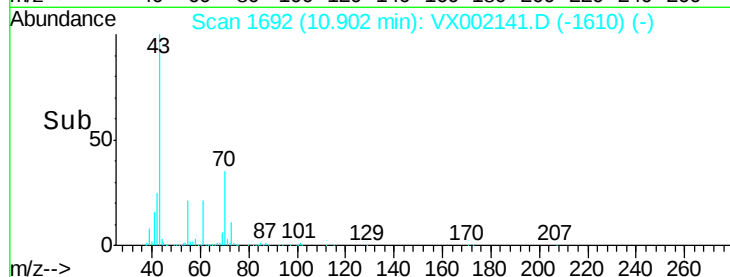
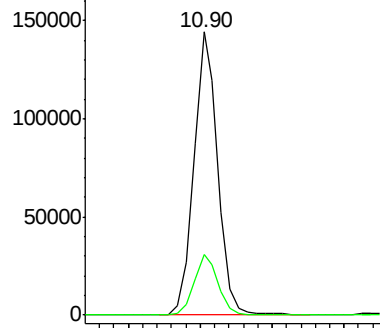
43 100

55 21.4 0.1 0.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 18.97 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX002141.D

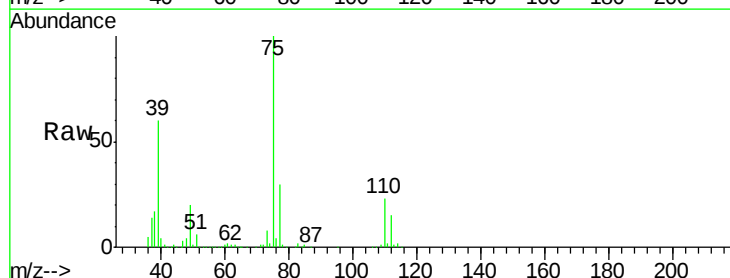
Acq: 30 May 2018 15:16

Tgt Ion: 75 Resp: 105405

Ion Ratio Lower Upper

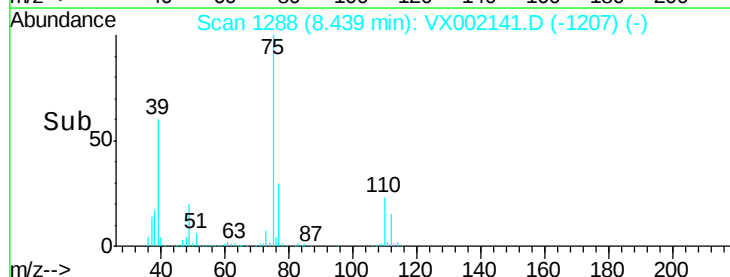
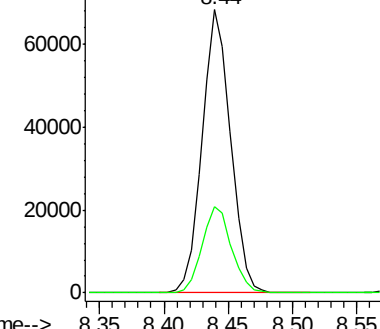
75 100

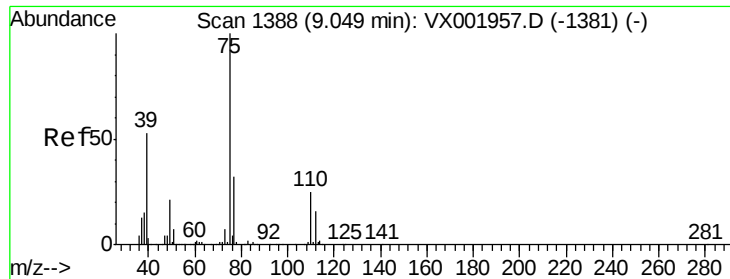
77 30.3 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#49

cis-1,3-Dichloropropene

Concen: 18.25 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS01

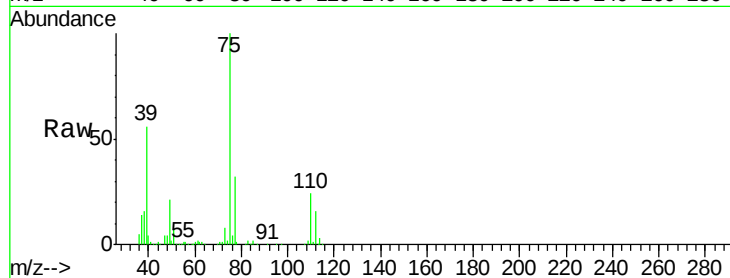
Tgt Ion: 75 Resp: 98176

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2

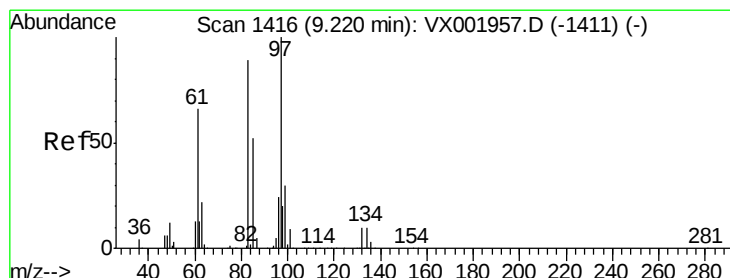
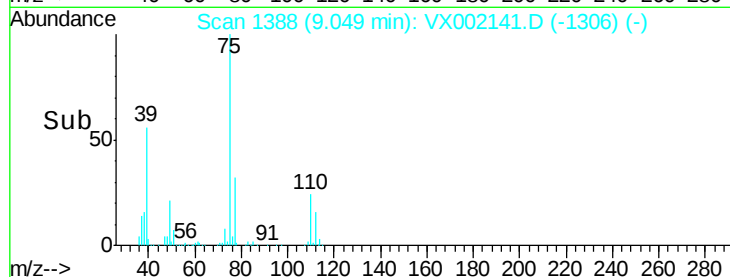
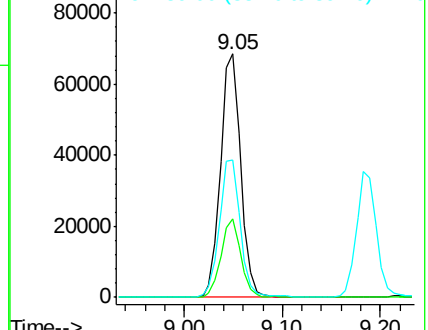
39 56.1 42.3 63.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#50

1,1,2-Trichloroethane

Concen: 20.33 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Tgt Ion: 97 Resp: 69563

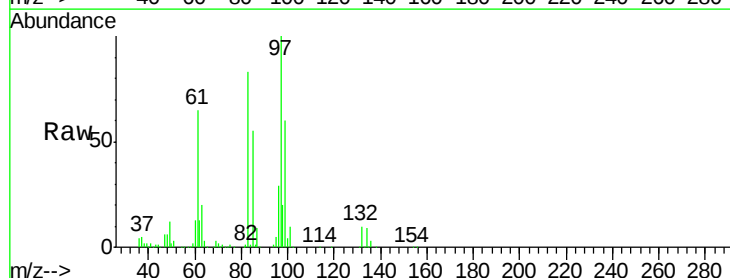
Ion Ratio Lower Upper

97 100

83 83.0 70.8 106.2

85 54.7 43.5 65.3

99 60.2 50.9 76.3

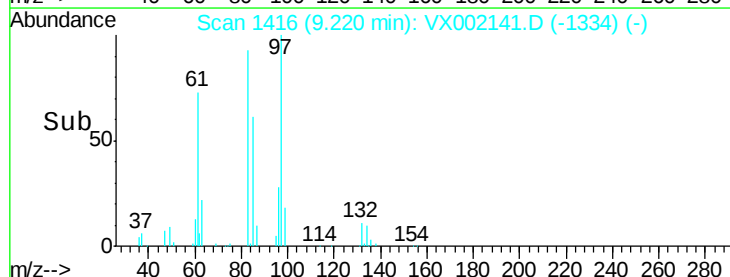
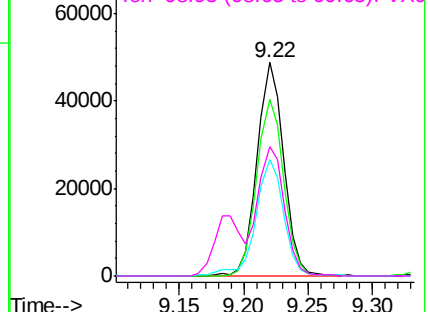


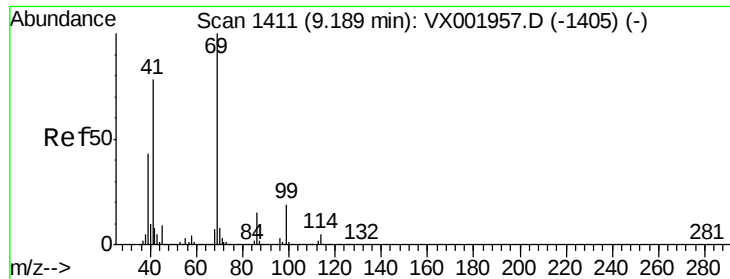
Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 84.95 (84.65 to 85.65): VX0

Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 18.80 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampled :

VX0530WBS01

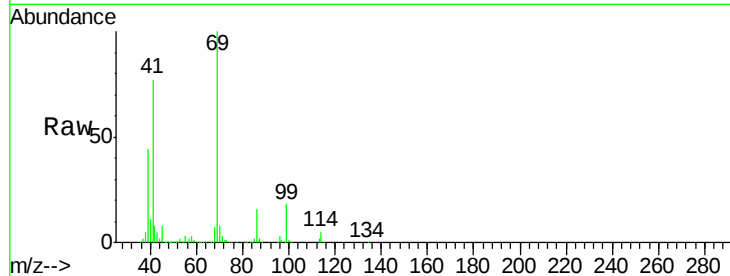
Tgt Ion: 69 Resp: 111443

Ion Ratio Lower Upper

69 100

41 76.3 39.1 117.3

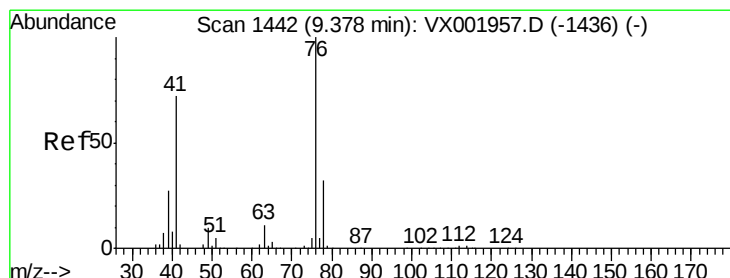
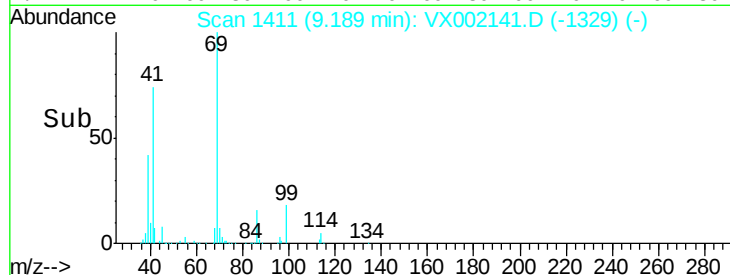
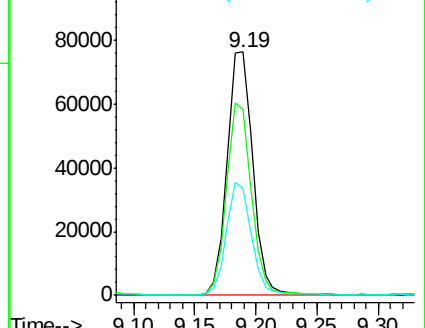
39 43.8 21.7 65.1



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: 20.11 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002141.D

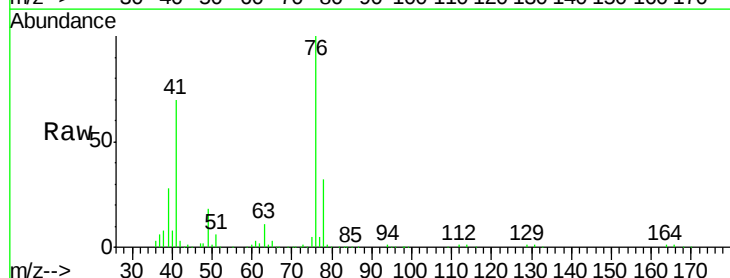
Acq: 30 May 2018 15:16

Tgt Ion: 76 Resp: 116051

Ion Ratio Lower Upper

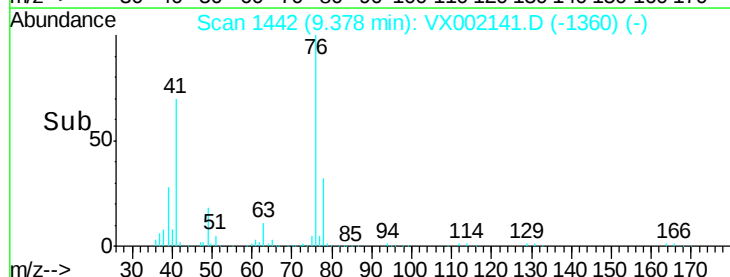
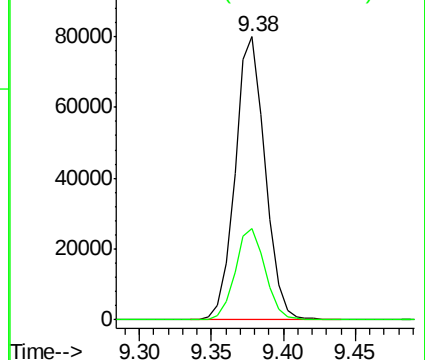
76 100

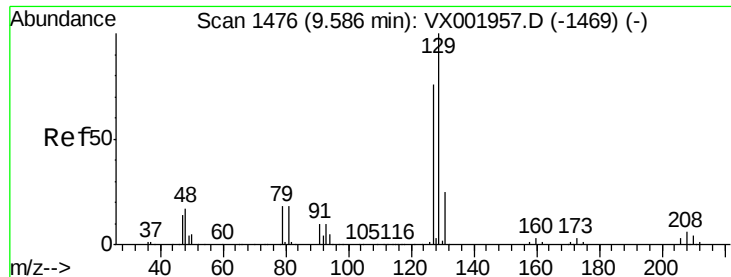
78 32.4 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 16.45 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

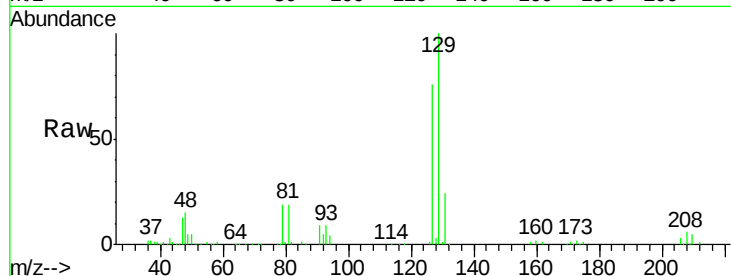
VX0530WBS01

Tgt Ion:129 Resp: 68768

Ion Ratio Lower Upper

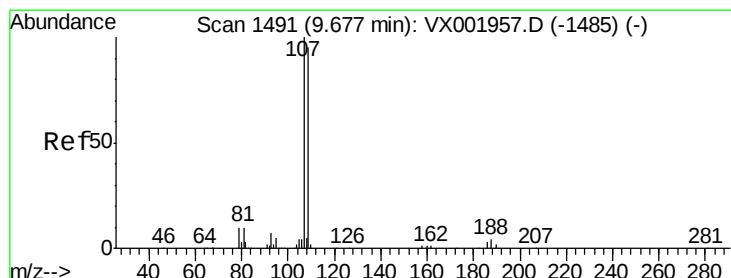
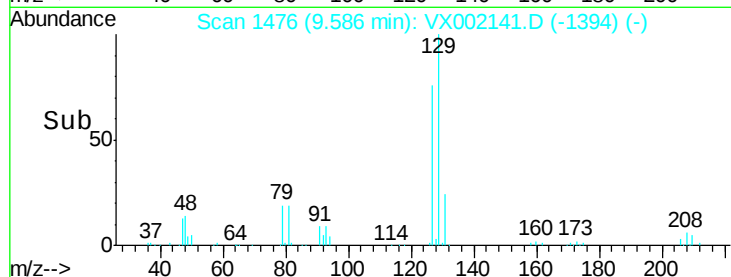
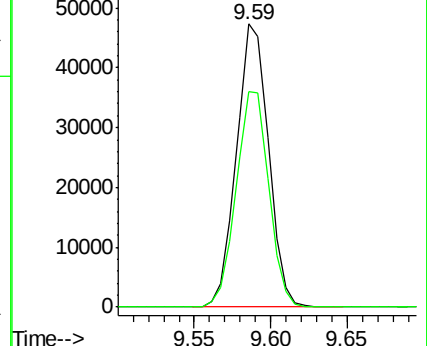
129 100

127 77.6 38.5 115.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.38 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002141.D

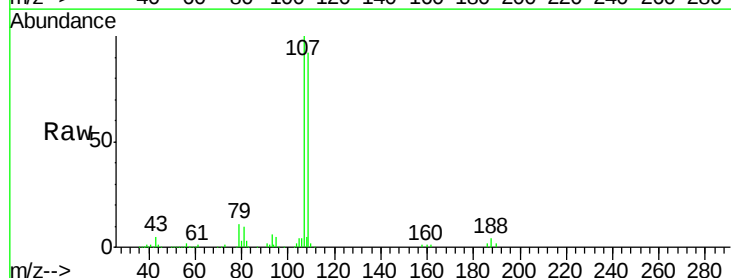
Acq: 30 May 2018 15:16

Tgt Ion:107 Resp: 71775

Ion Ratio Lower Upper

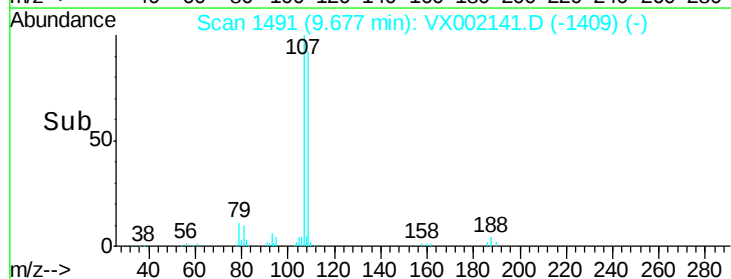
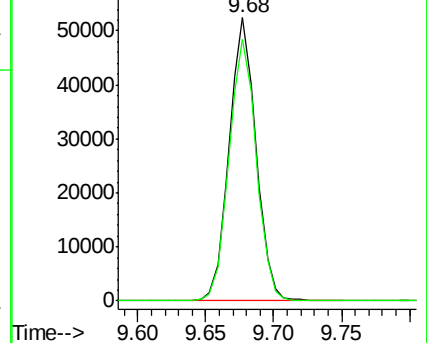
107 100

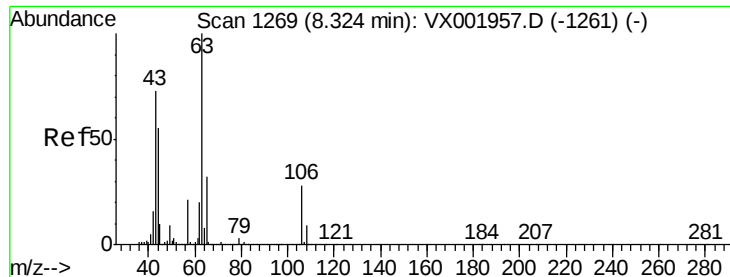
109 94.1 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

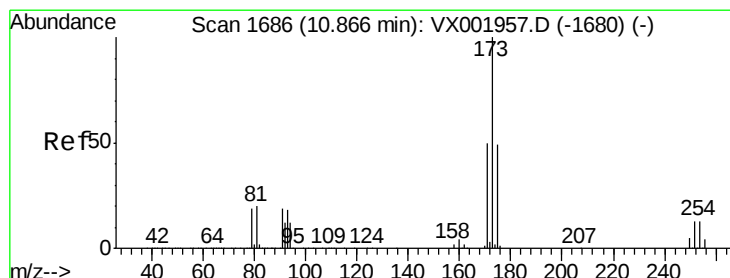
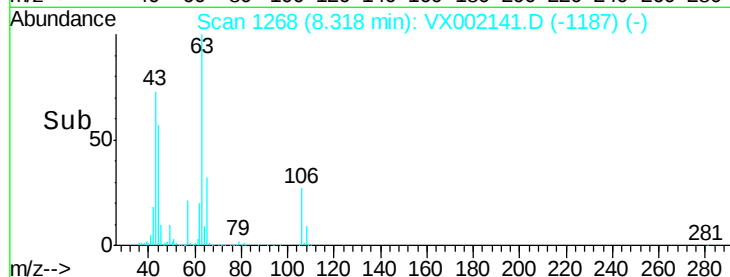
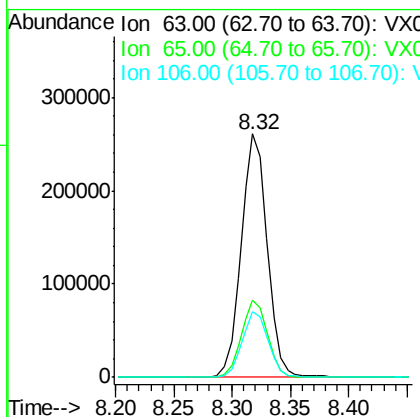
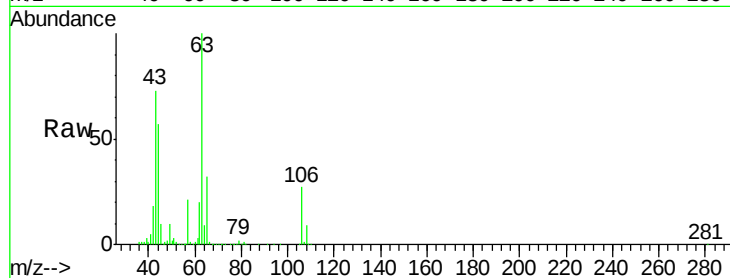




#55
 2-Chloroethyl vinyl ether
 Concen: 146.19 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX002141.D
 Acq: 30 May 2018 15:16

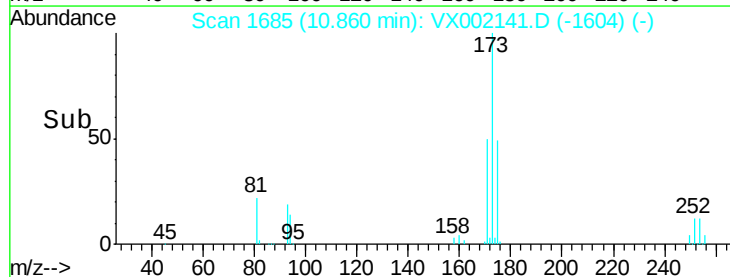
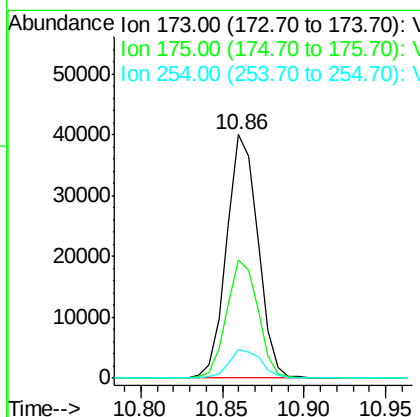
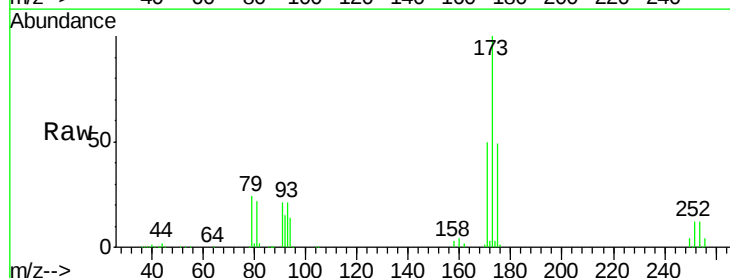
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

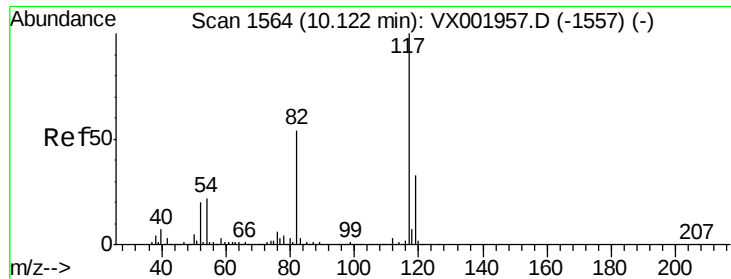
Tgt Ion: 63 Resp: 406662
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.6 38.4
 106 27.2 21.6 32.4



#56
 Bromoform
 Concen: 14.53 ug/l
 RT: 10.86 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: VX002141.D
 Acq: 30 May 2018 15:16

Tgt Ion: 173 Resp: 53386
 Ion Ratio Lower Upper
 173 100
 175 48.8 39.0 58.4
 254 12.0 9.6 14.4

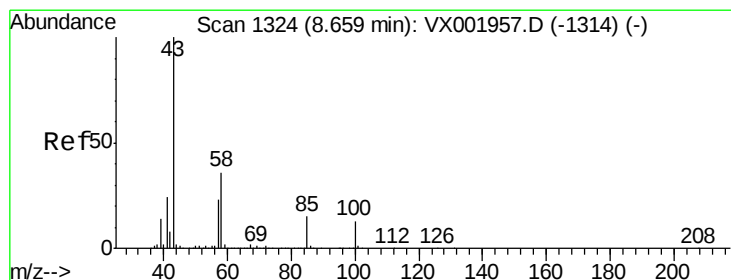
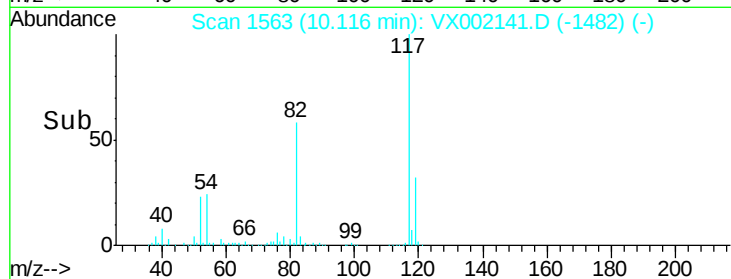
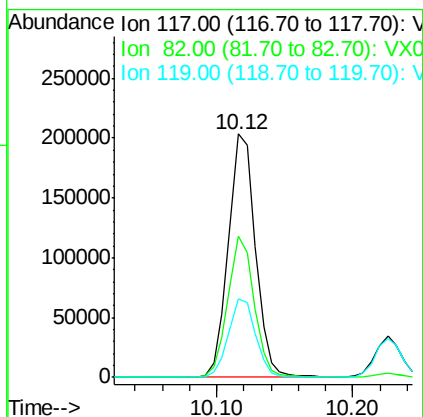
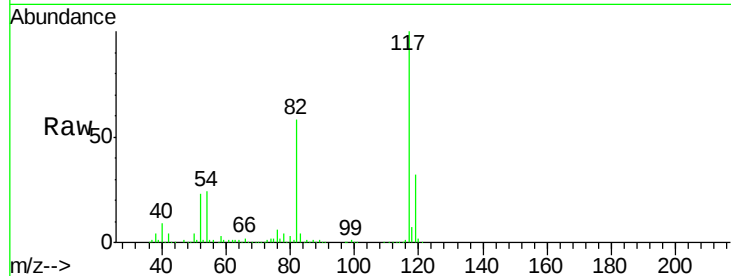




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX002141.D
Acq: 30 May 2018 15:16

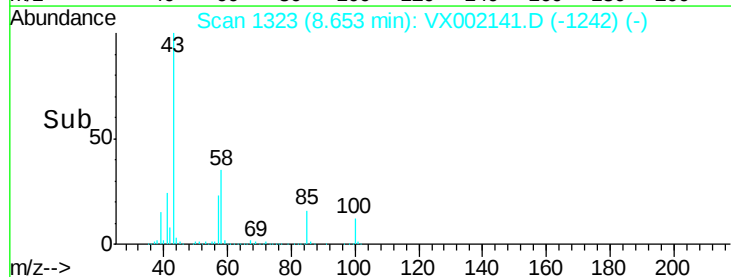
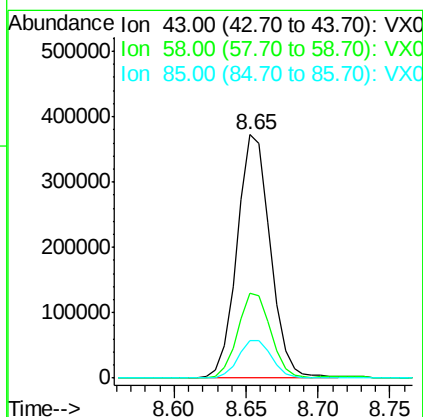
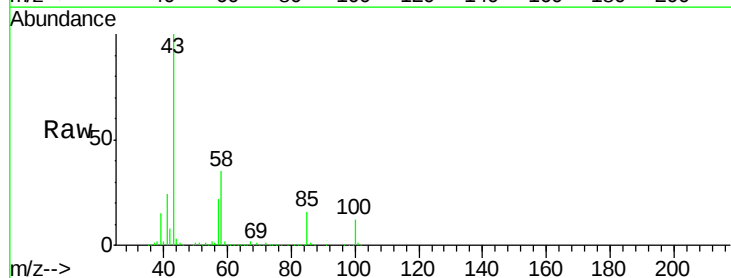
Instrument :
MSVOA_X
ClientSampled :
VX0530WBS01

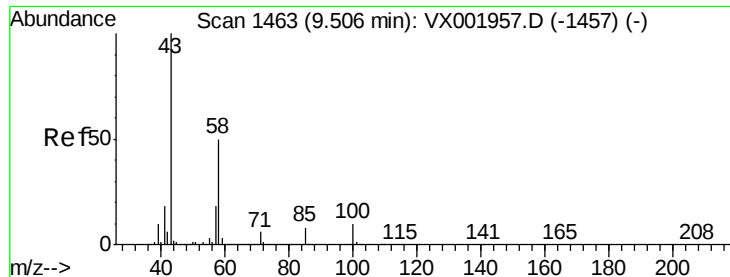
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.3	66.5
119	32.5	25.7	38.5



#58
4-Methyl-2-Pentanone
Concen: 96.69 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX002141.D
Acq: 30 May 2018 15:16

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.6	28.2	42.4
85	15.7	12.4	18.6

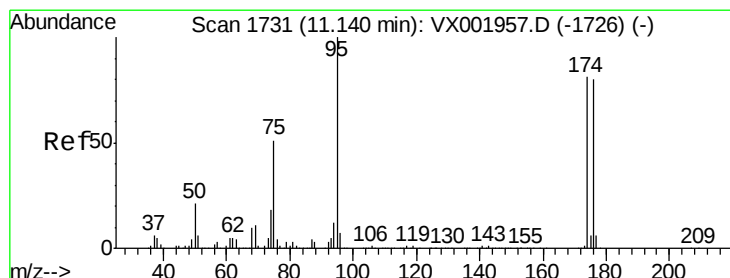
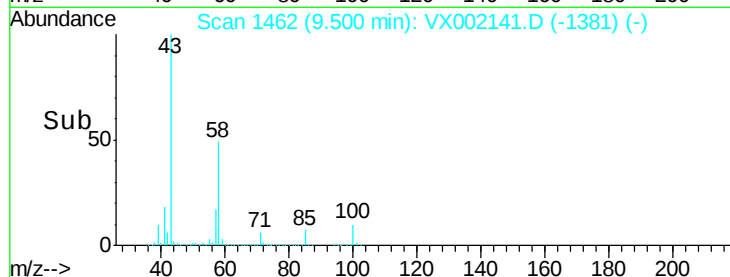
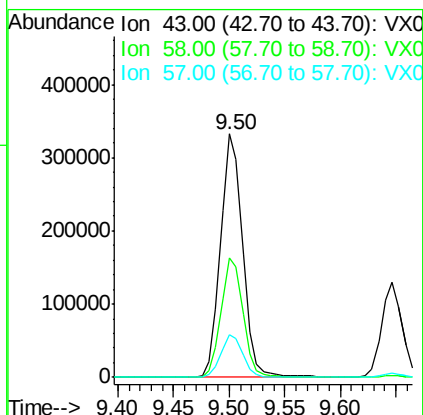
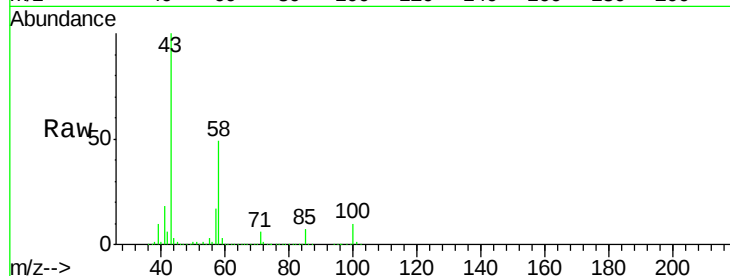




#59
2-Hexanone
Concen: 95.81 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002141.D
Acq: 30 May 2018 15:16

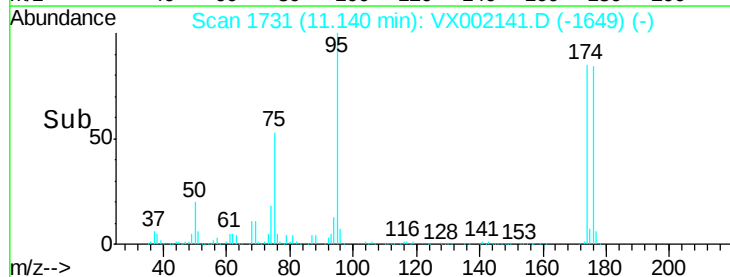
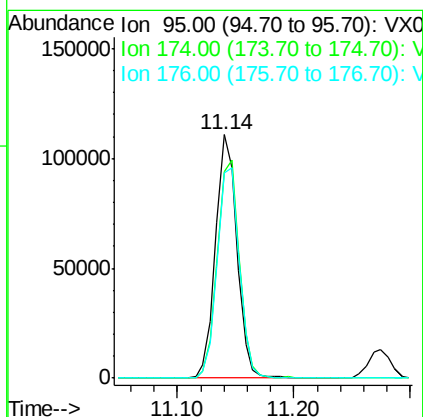
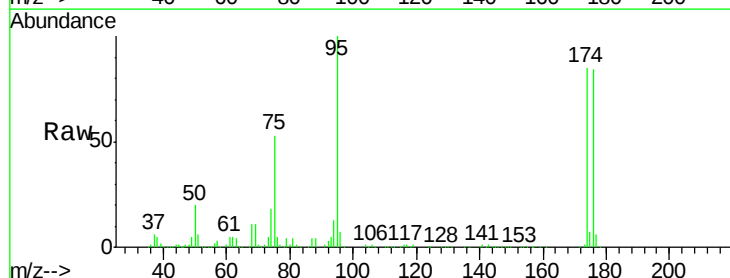
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

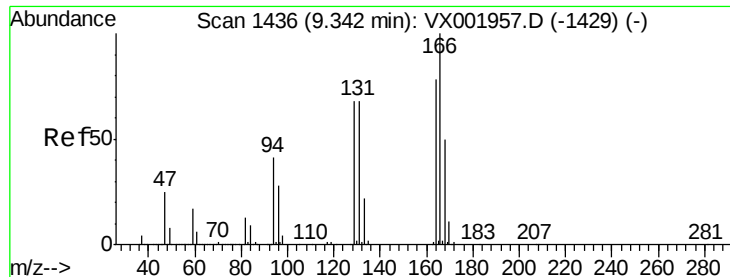
Tgt Ion: 43 Resp: 458438
Ion Ratio Lower Upper
43 100
58 48.6 39.6 59.4
57 17.3 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 28.87 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002141.D
Acq: 30 May 2018 15:16

Tgt Ion: 95 Resp: 140039
Ion Ratio Lower Upper
95 100
174 92.0 71.8 107.6
176 90.2 70.1 105.1





#61

Tetrachloroethene

Concen: 19.26 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion:164 Resp: 83251

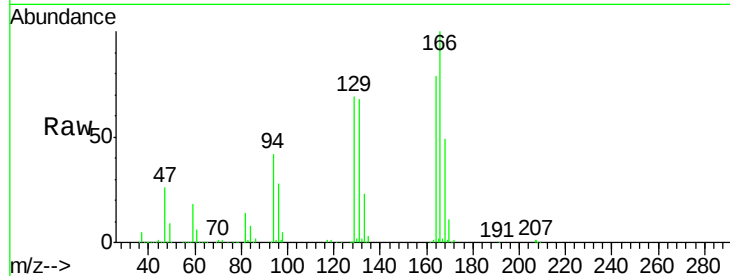
Ion Ratio Lower Upper

164 100

166 126.4 102.4 153.6

129 86.6 70.1 105.1

131 86.2 69.1 103.7

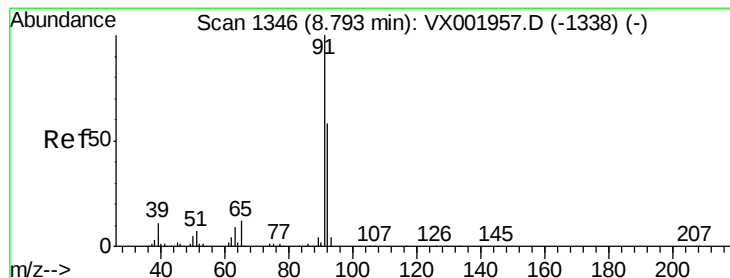
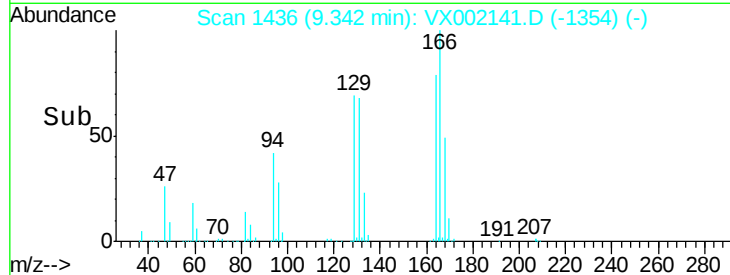
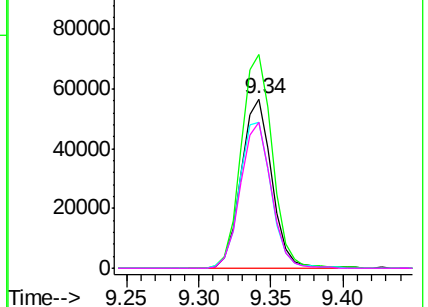


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.76 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX002141.D

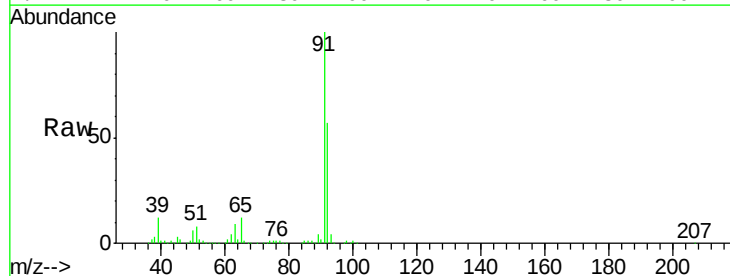
Acq: 30 May 2018 15:16

Tgt Ion: 91 Resp: 285975

Ion Ratio Lower Upper

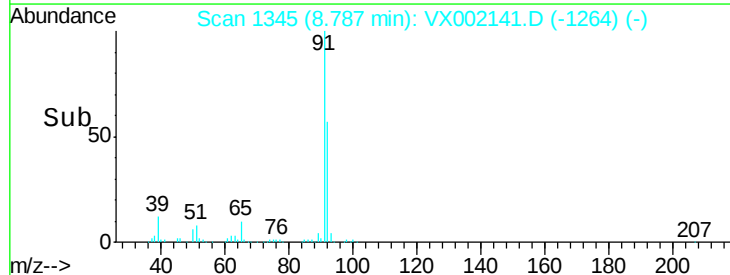
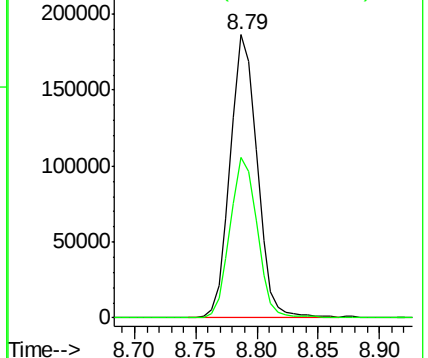
91 100

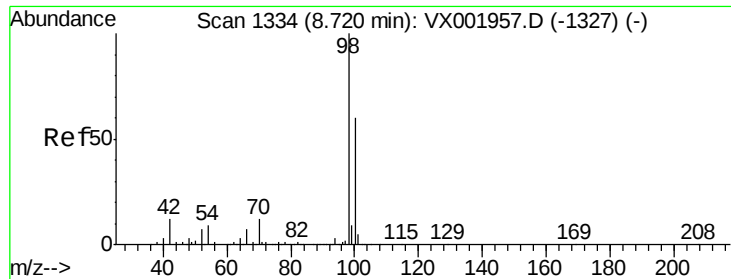
92 57.0 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.28 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

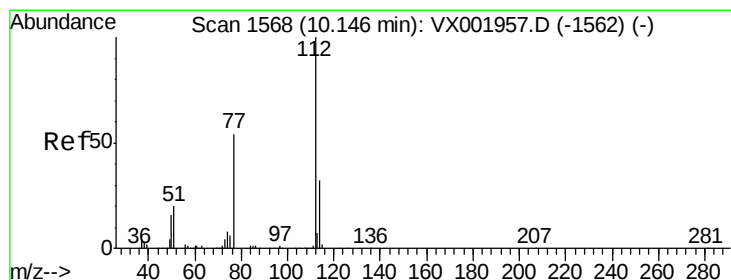
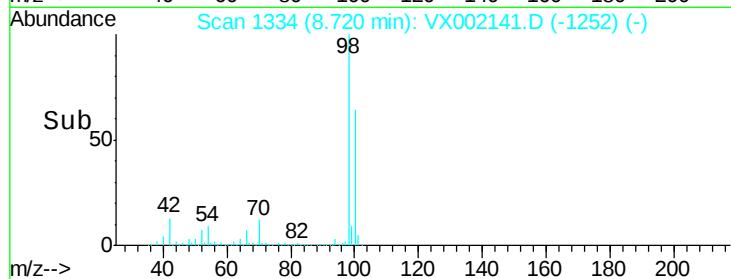
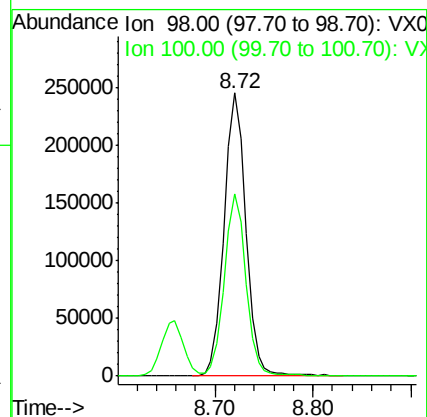
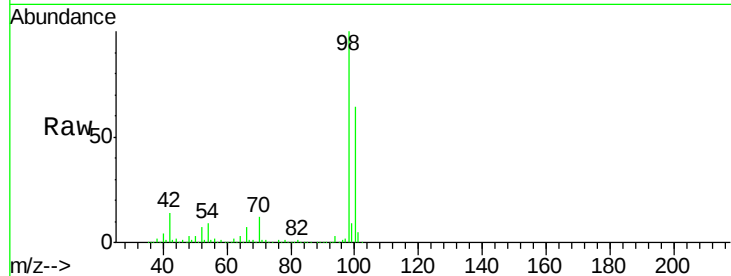
VX0530WBS01

Tgt Ion: 98 Resp: 382350

Ion Ratio Lower Upper

98 100

100 63.1 50.8 76.2



#64

Chlorobenzene

Concen: 19.86 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX002141.D

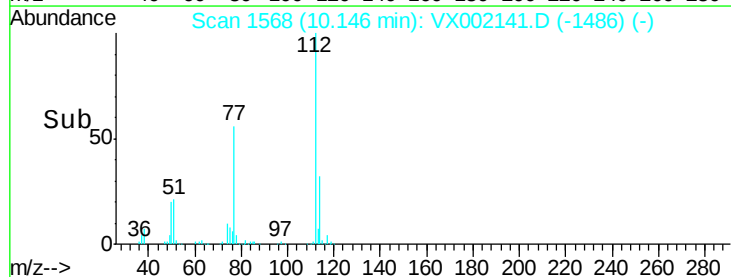
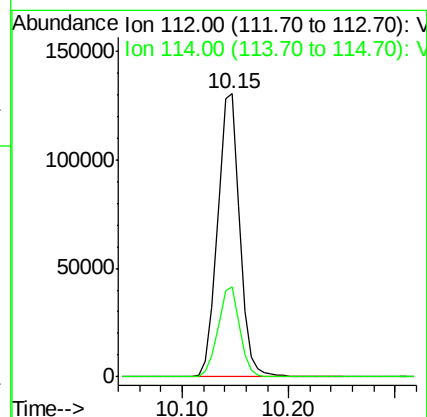
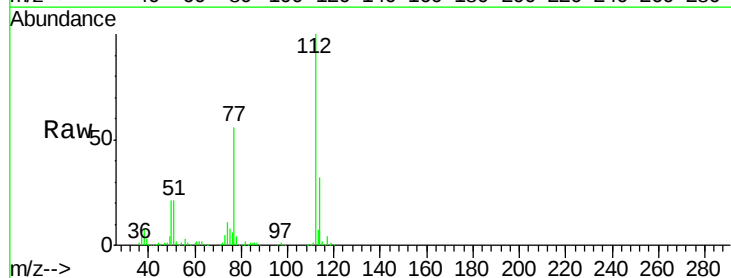
Acq: 30 May 2018 15:16

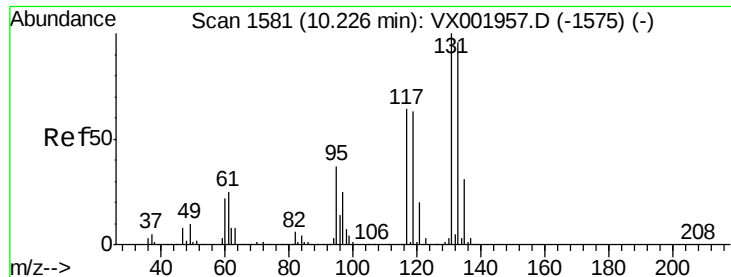
Tgt Ion: 112 Resp: 185973

Ion Ratio Lower Upper

112 100

114 31.9 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 18.29 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampled :

VX0530WBS01

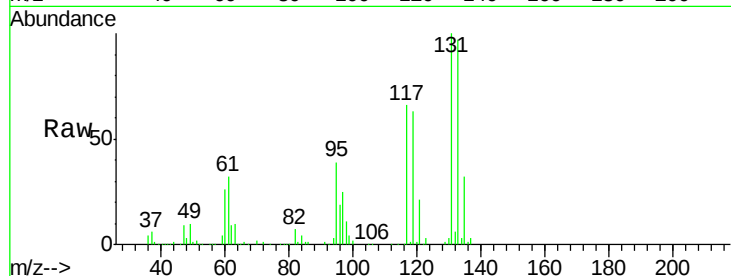
Tgt Ion:131 Resp: 69693

Ion Ratio Lower Upper

131 100

133 95.5 0.0 191.2

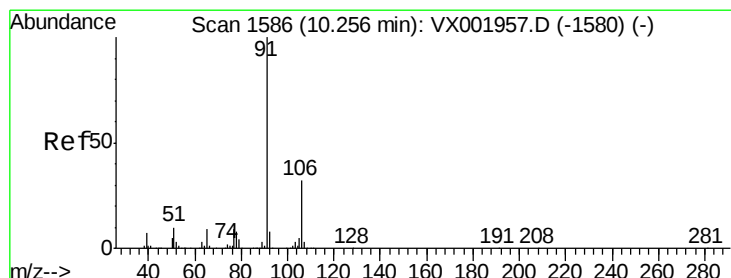
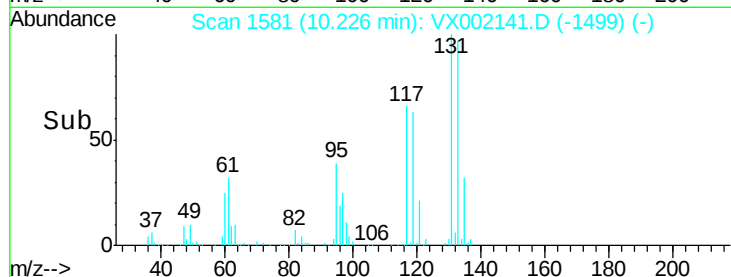
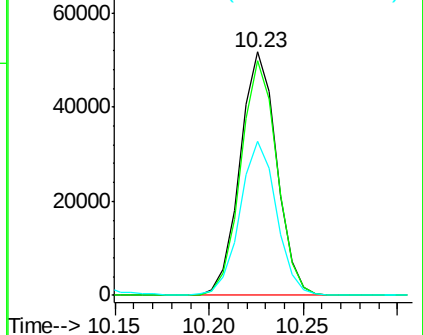
119 63.5 0.0 125.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.74 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002141.D

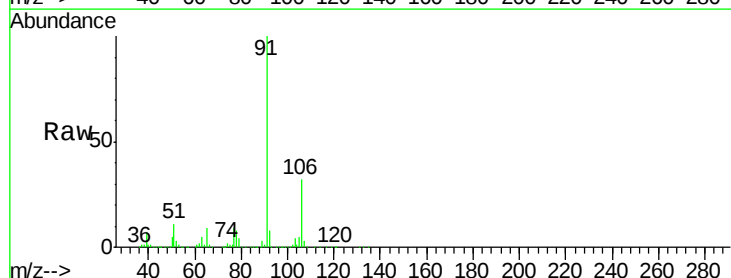
Acq: 30 May 2018 15:16

Tgt Ion: 91 Resp: 321076

Ion Ratio Lower Upper

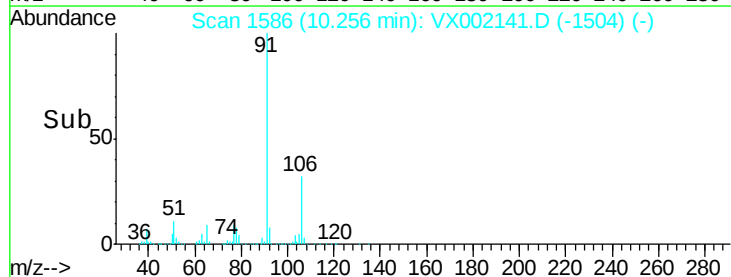
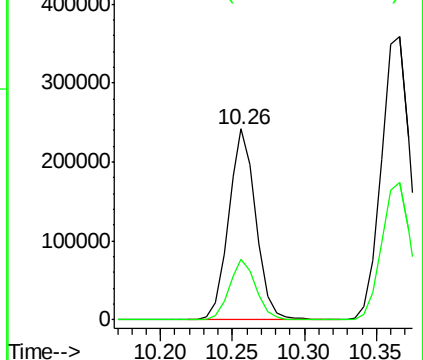
91 100

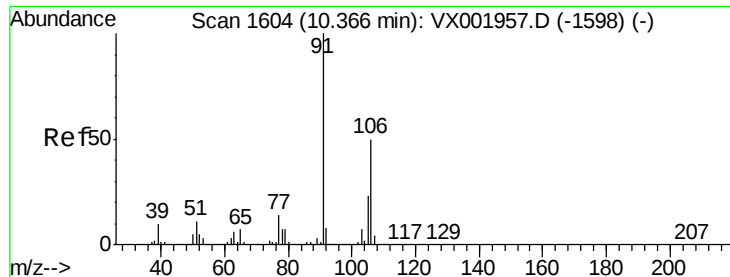
106 31.9 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 39.50 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

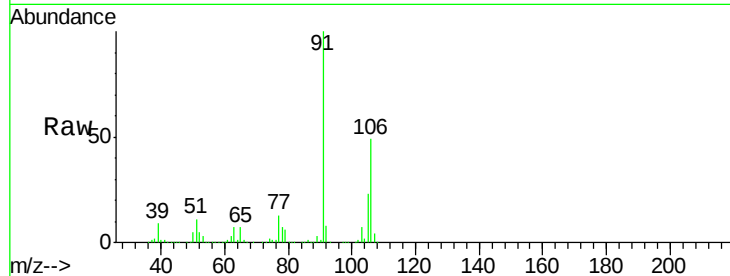
VX0530WBS01

Tgt Ion:106 Resp: 243884

Ion Ratio Lower Upper

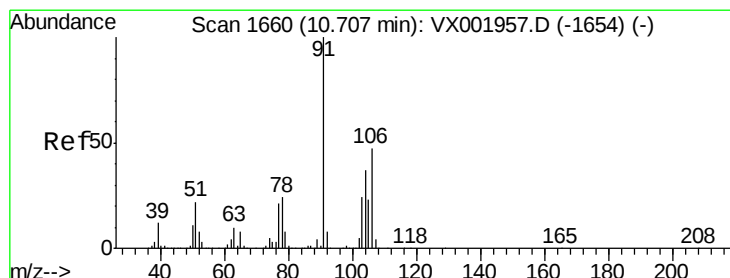
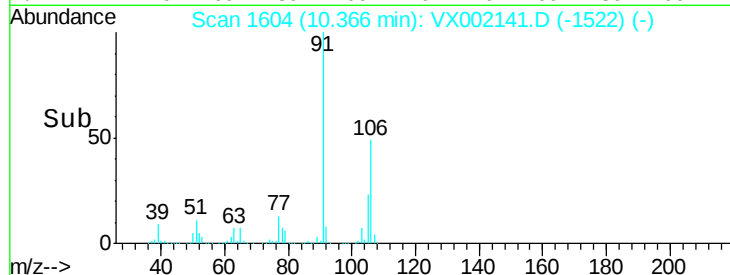
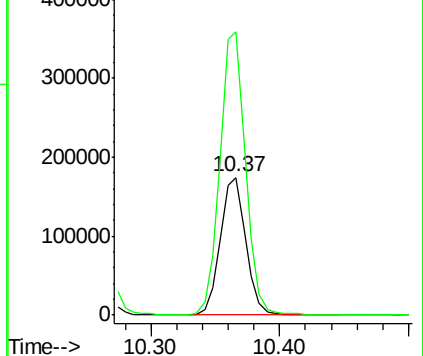
106 100

91 207.1 164.1 246.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.72 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX002141.D

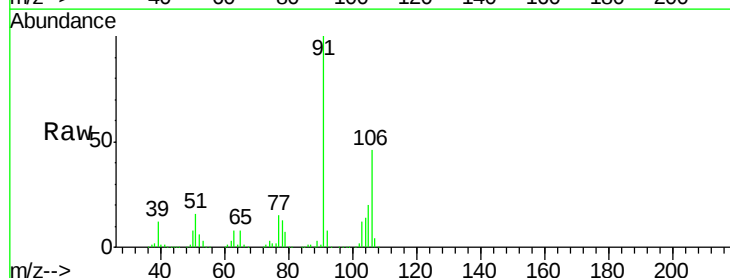
Acq: 30 May 2018 15:16

Tgt Ion:106 Resp: 121939

Ion Ratio Lower Upper

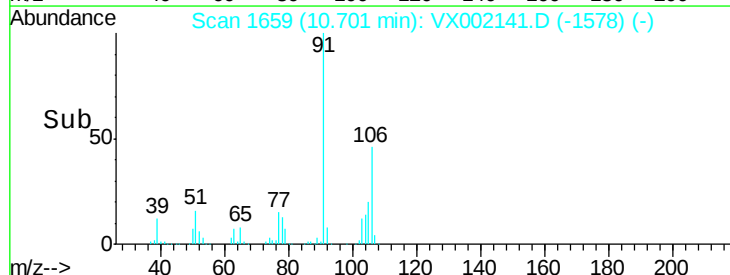
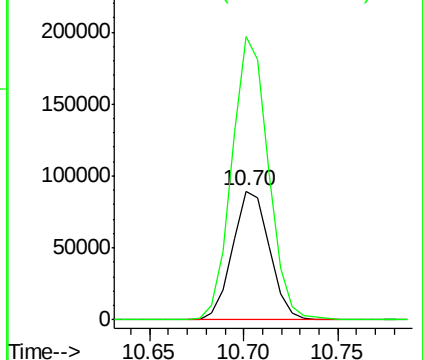
106 100

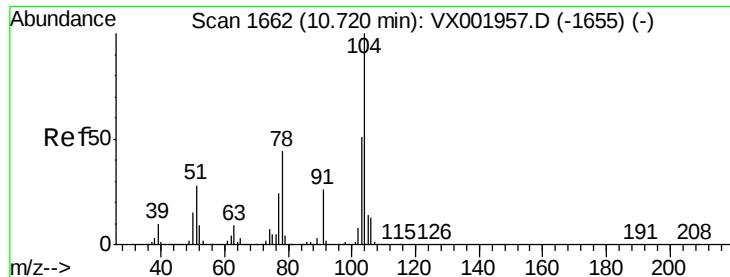
91 216.7 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Styrene

Concen: 19.25 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS01

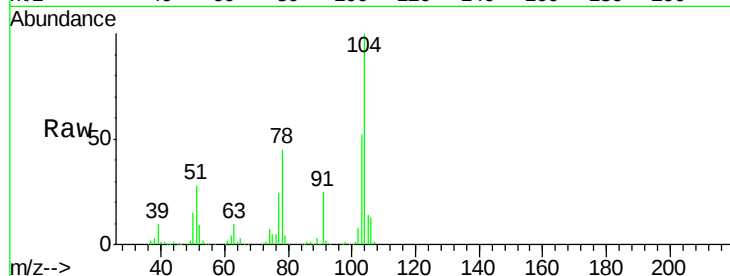
Tgt Ion:104 Resp: 199851

Ion Ratio Lower Upper

104 100

78 51.5 41.8 62.8

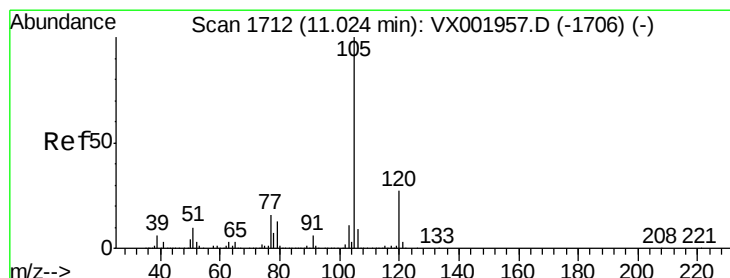
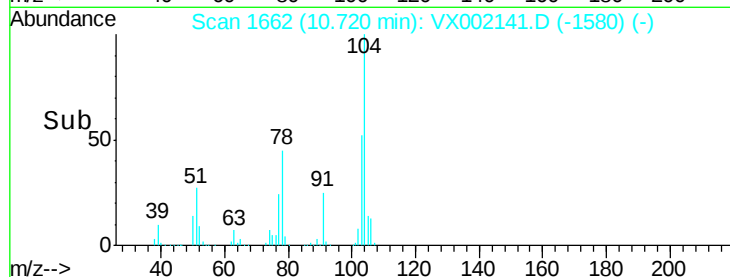
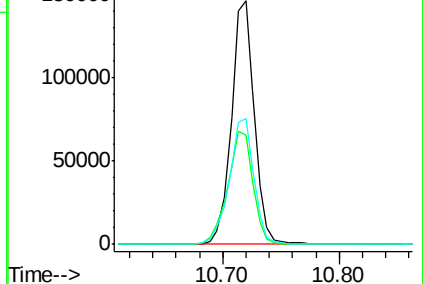
103 55.9 44.9 67.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 20.00 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002141.D

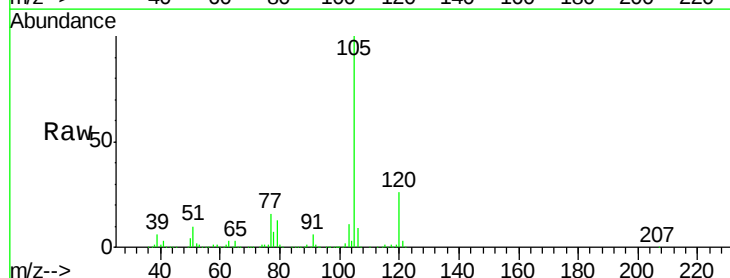
Acq: 30 May 2018 15:16

Tgt Ion:105 Resp: 331115

Ion Ratio Lower Upper

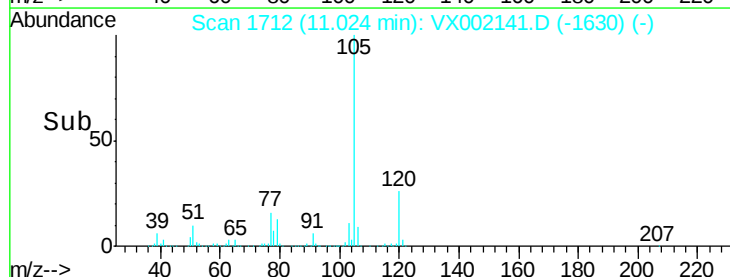
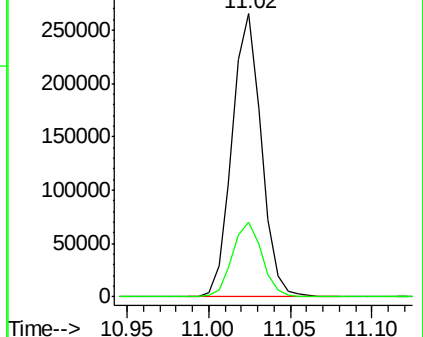
105 100

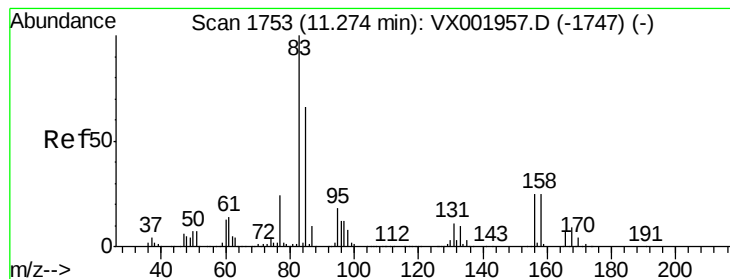
120 26.7 19.0 35.2



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: 19.02 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampled :

VX0530WBS01

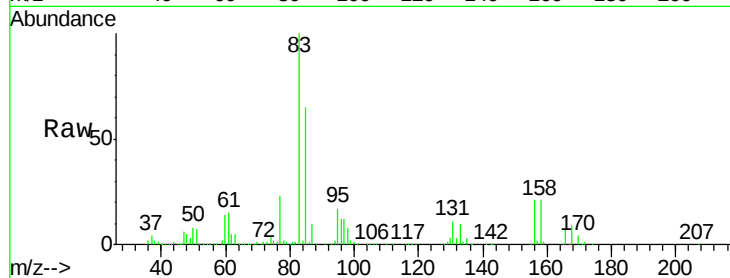
Tgt Ion: 83 Resp: 98682

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

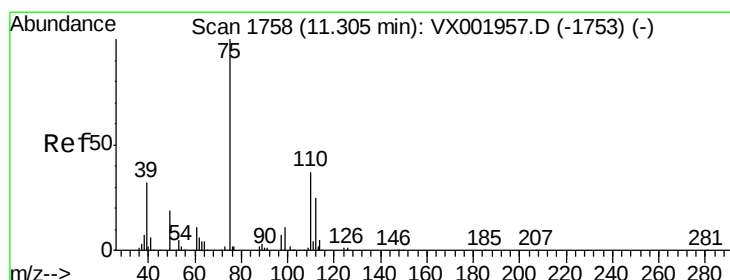
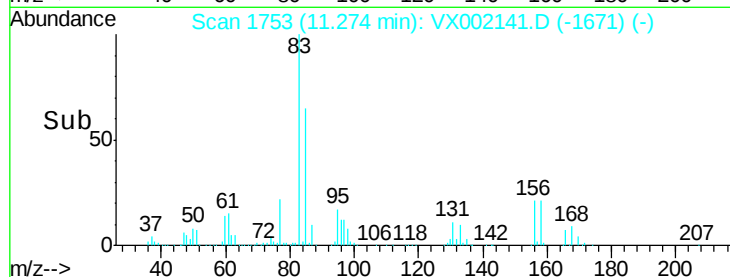
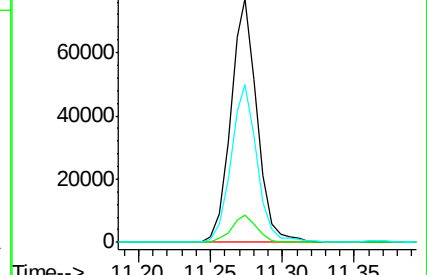
85 64.7 32.4 97.2



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: 25.34 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002141.D

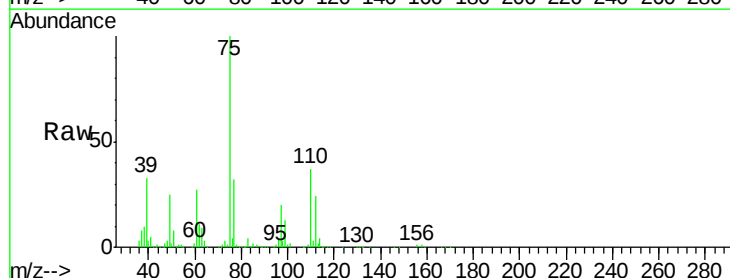
Acq: 30 May 2018 15:16

Tgt Ion: 75 Resp: 123857

Ion Ratio Lower Upper

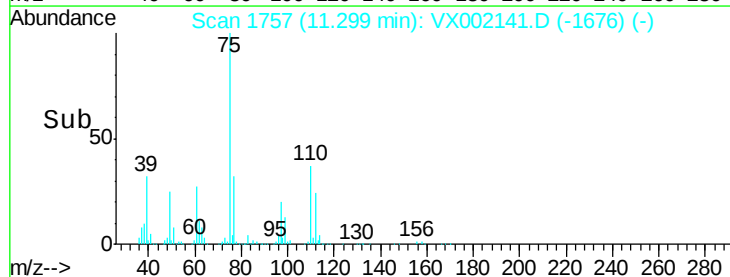
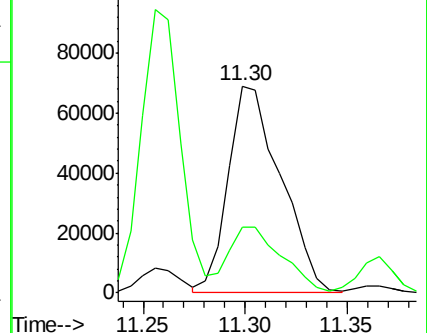
75 100

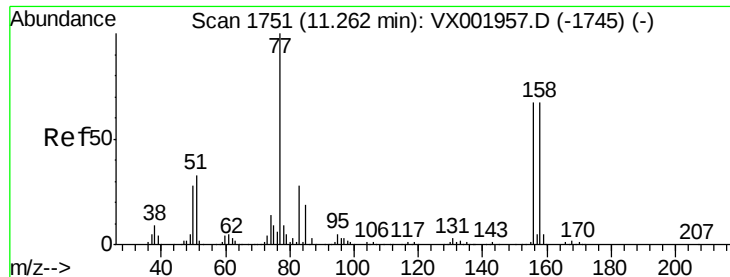
77 32.7 0.0 71.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 19.55 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS01

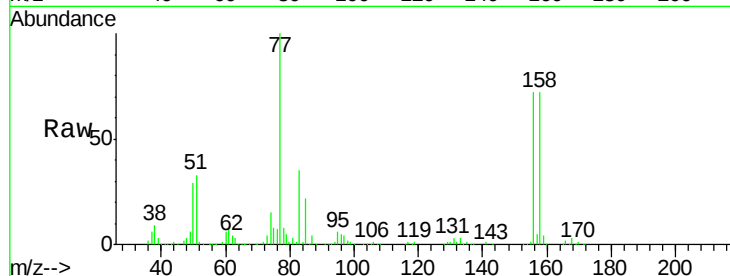
Tgt Ion:156 Resp: 86946

Ion Ratio Lower Upper

156 100

77 144.4 0.0 301.0

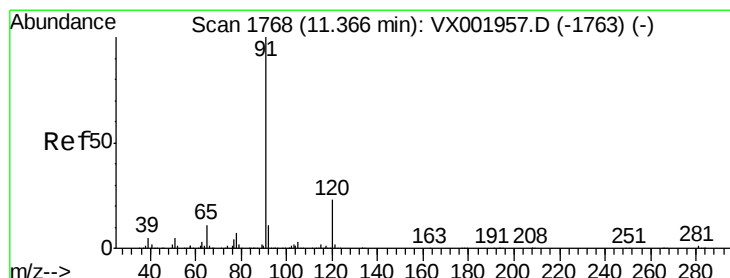
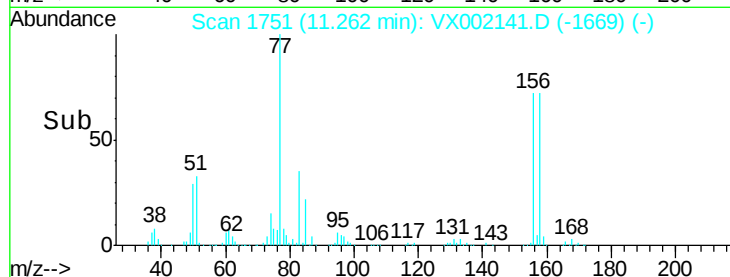
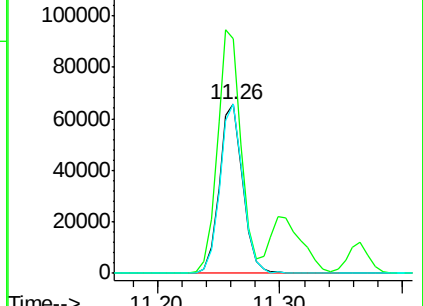
158 97.7 0.0 196.2



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: 20.01 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002141.D

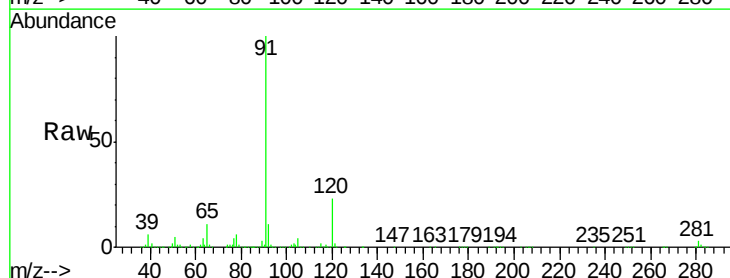
Acq: 30 May 2018 15:16

Tgt Ion: 91 Resp: 369668

Ion Ratio Lower Upper

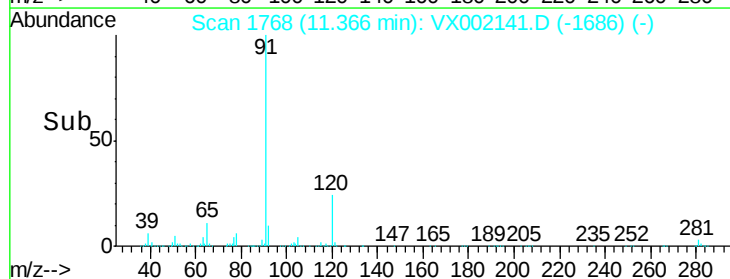
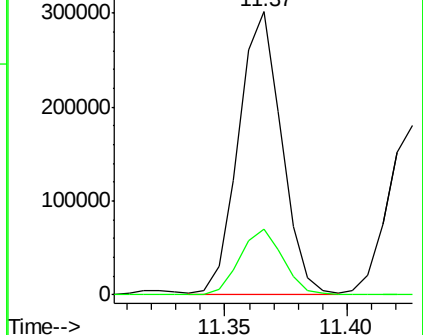
91 100

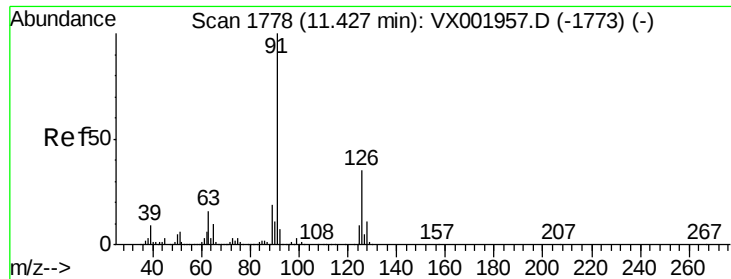
120 23.5 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.82 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

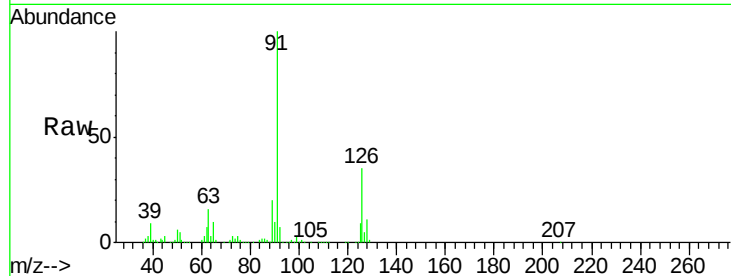
VX0530WBS01

Tgt Ion: 91 Resp: 225921

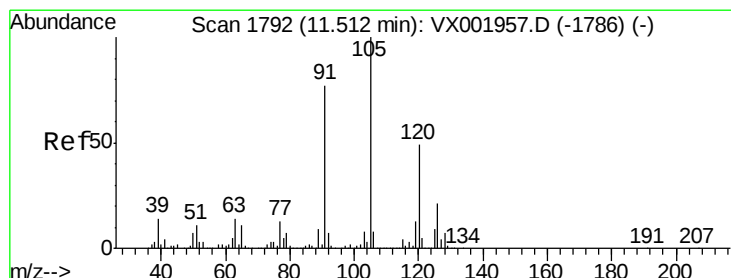
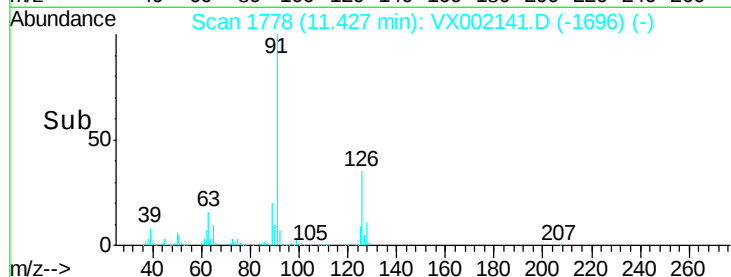
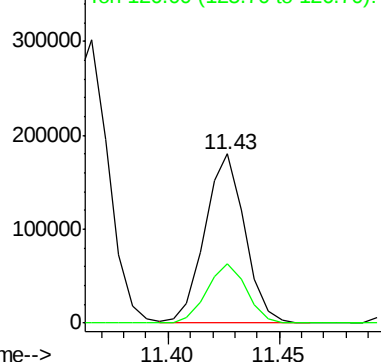
Ion Ratio Lower Upper

91 100

126 34.8 0.0 69.4



Abundance Ion 91.00 (90.70 to 91.70): VX001957.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.52 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002141.D

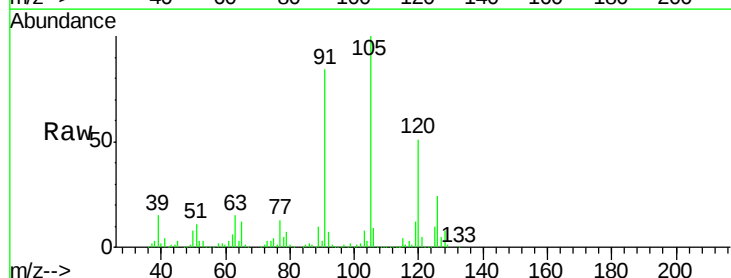
Acq: 30 May 2018 15:16

Tgt Ion: 105 Resp: 274726

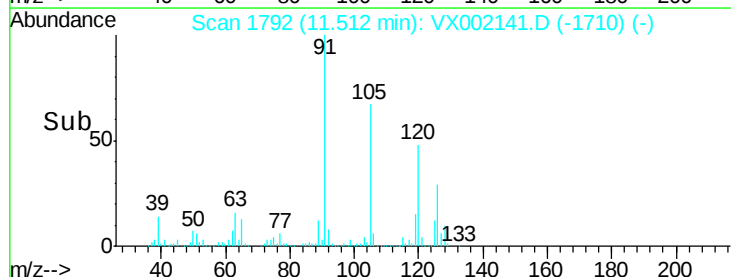
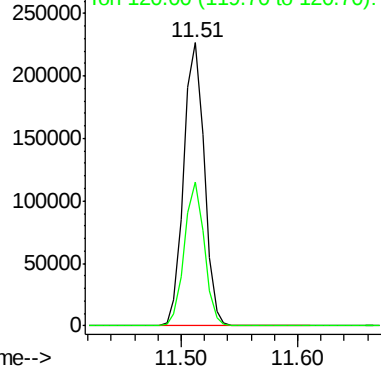
Ion Ratio Lower Upper

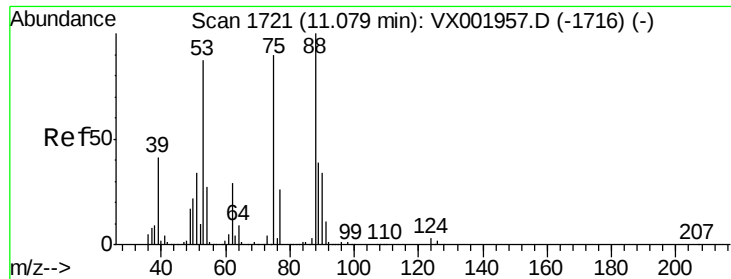
105 100

120 49.1 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): VX001957.D (-1786) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 16.17 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS01

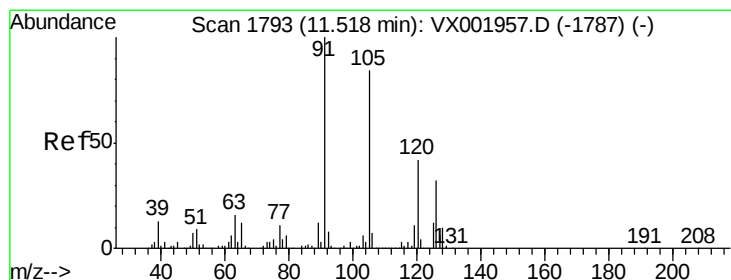
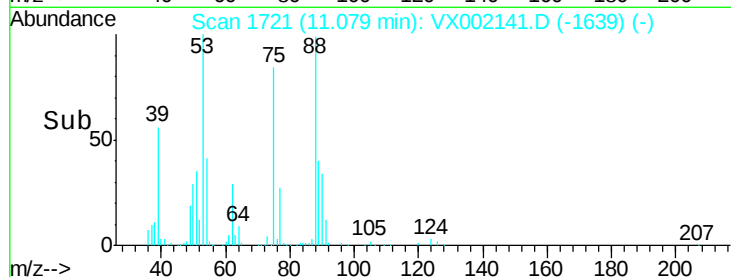
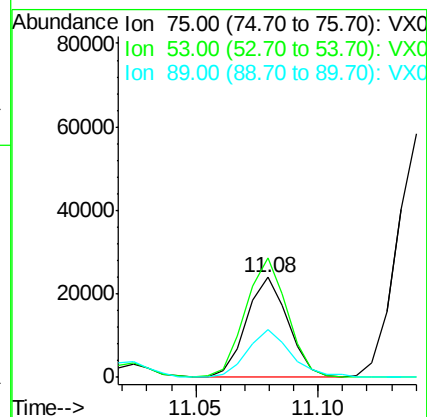
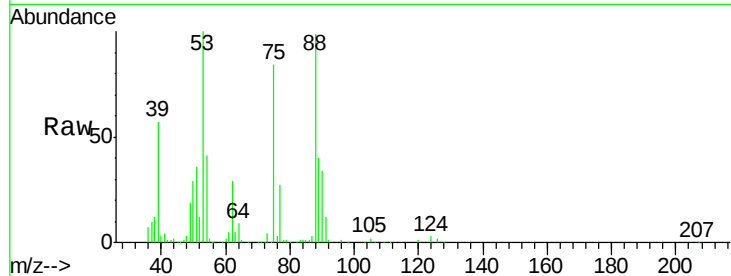
Tgt Ion: 75 Resp: 28636

Ion Ratio Lower Upper

75 100

53 119.5 48.3 144.9

89 47.6 21.8 65.4



#78

4-Chlorotoluene

Concen: 19.75 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX002141.D

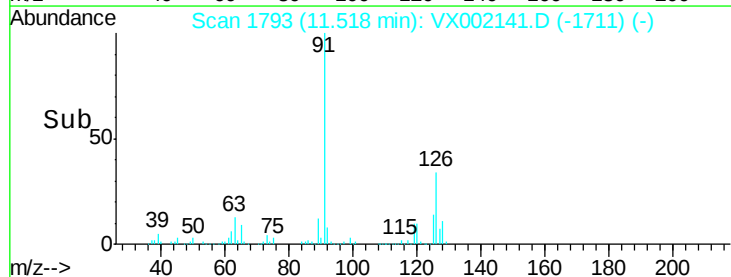
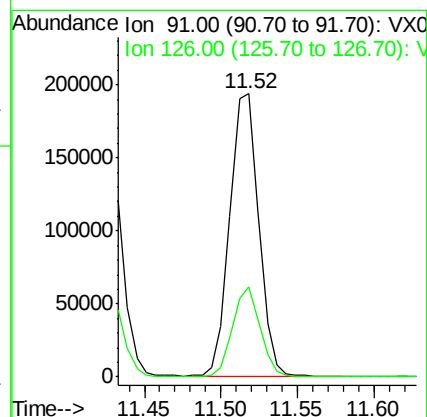
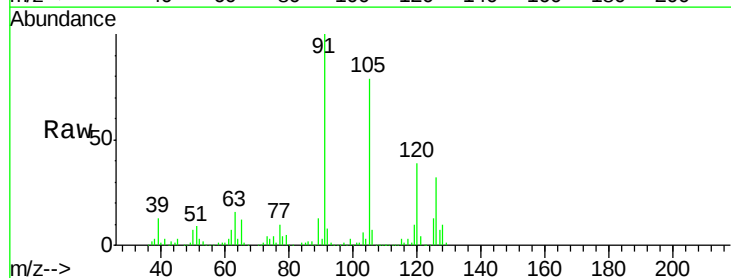
Acq: 30 May 2018 15:16

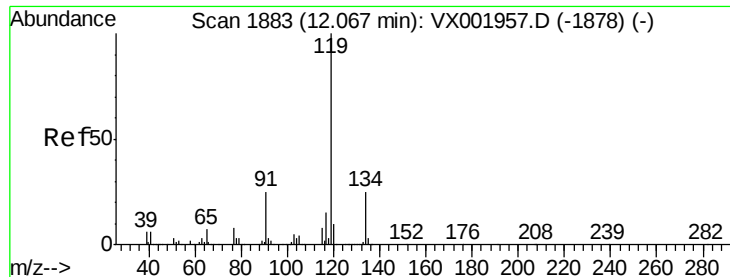
Tgt Ion: 91 Resp: 255938

Ion Ratio Lower Upper

91 100

126 30.0 0.0 61.0





#79

tert-butylbenzene

Concen: 19.85 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS01

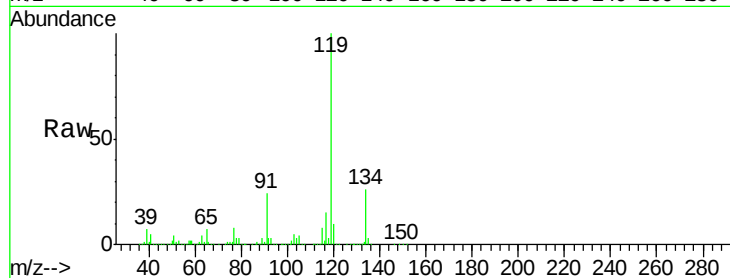
Tgt Ion:119 Resp: 292887

Ion Ratio Lower Upper

119 100

91 24.4 0.0 48.0

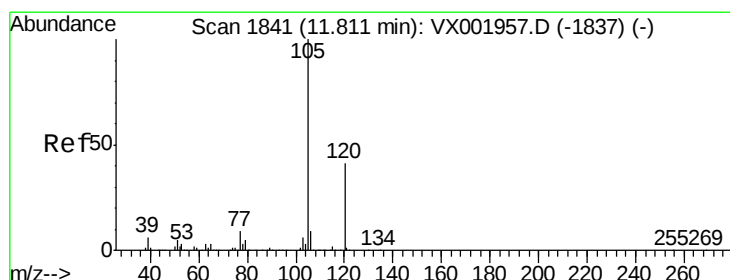
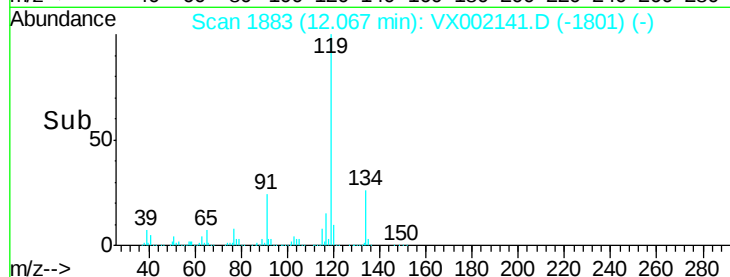
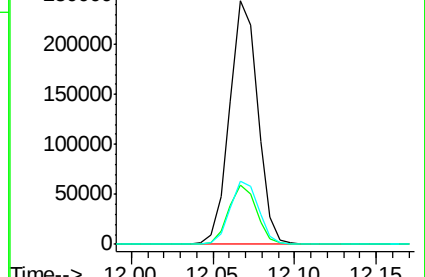
134 26.3 0.0 52.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 19.88 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX002141.D

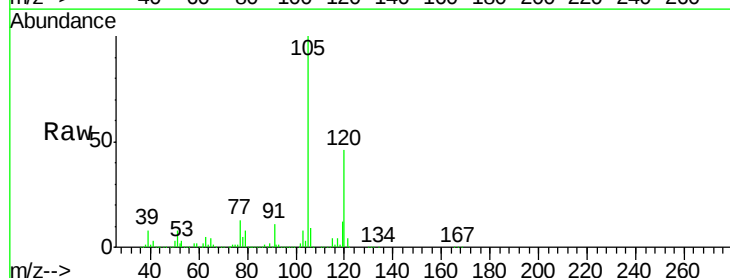
Acq: 30 May 2018 15:16

Tgt Ion:105 Resp: 282939

Ion Ratio Lower Upper

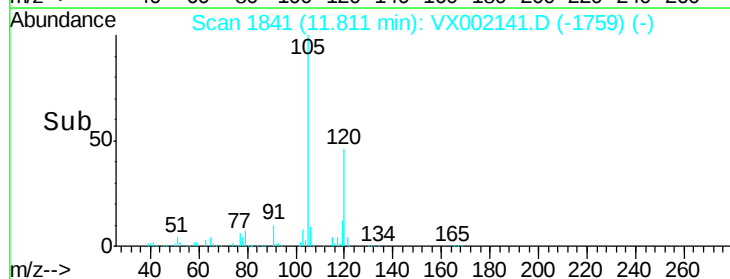
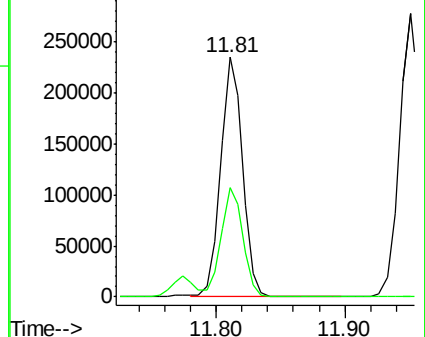
105 100

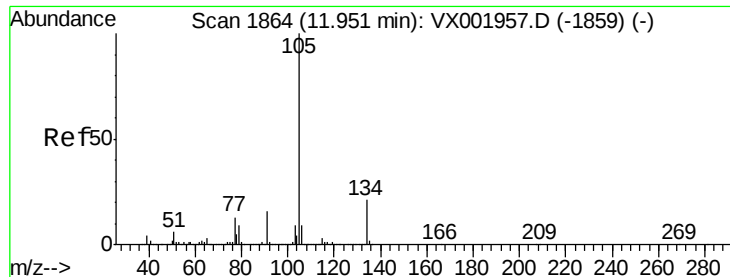
120 44.5 0.0 89.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

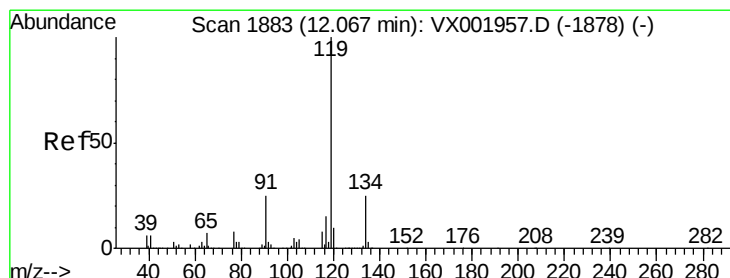
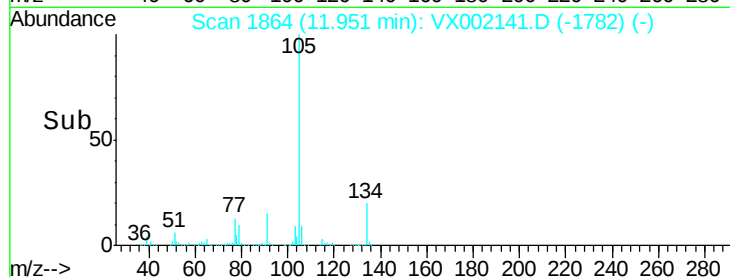
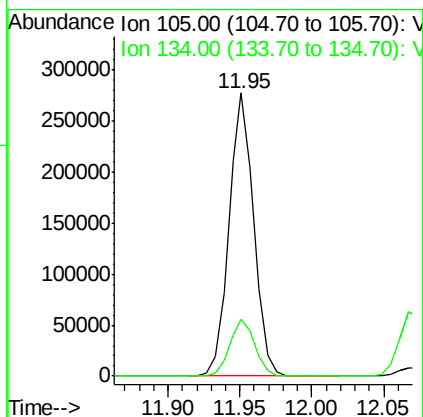
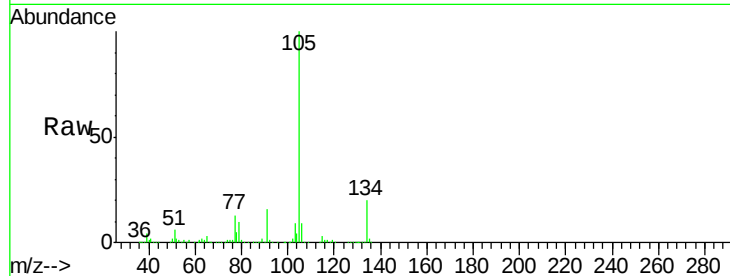




#81
 sec-Butylbenzene
 Concen: 20.18 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX002141.D
 Acq: 30 May 2018 15:16

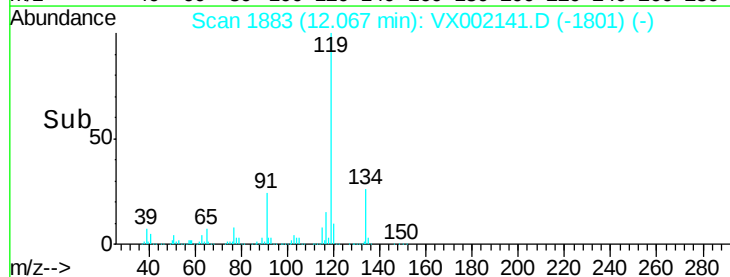
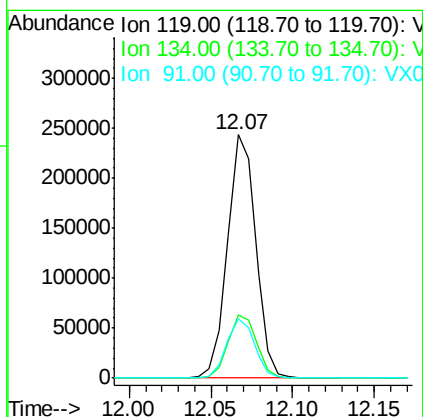
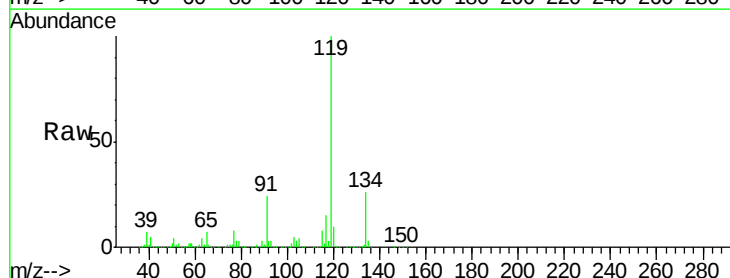
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

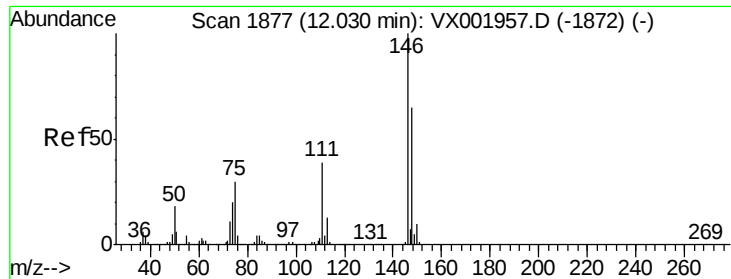
Tgt Ion:105 Resp: 332893
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 19.85 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX002141.D
 Acq: 30 May 2018 15:16

Tgt Ion:119 Resp: 292887
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.6
 91 24.4 0.0 48.0

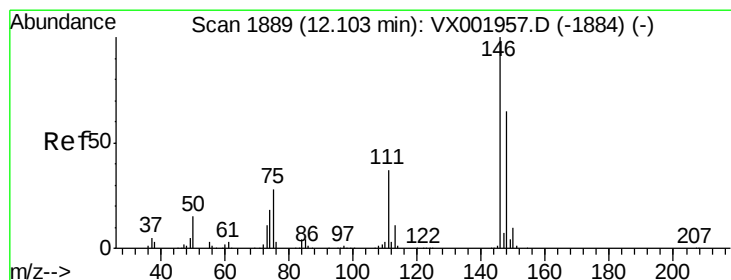
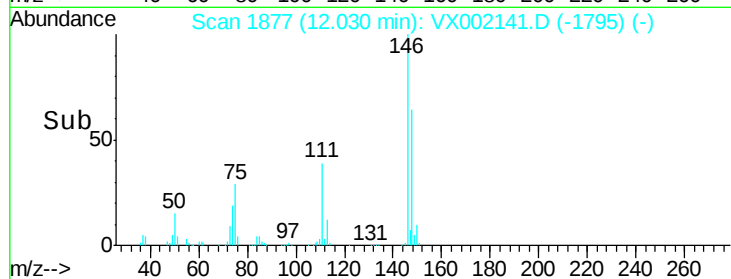
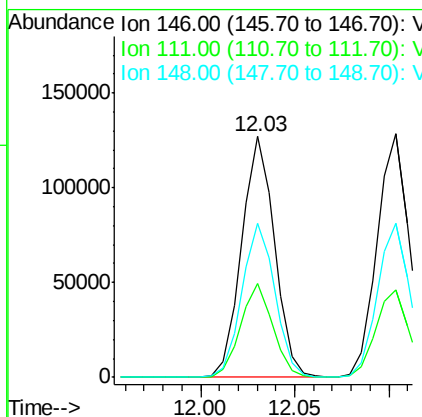
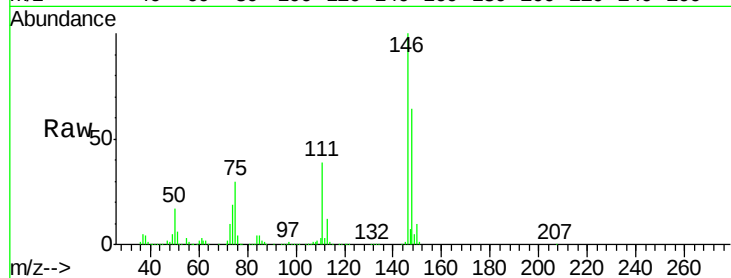




#83
 1,3-Dichlorobenzene
 Concen: 19.59 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002141.D
 Acq: 30 May 2018 15:16

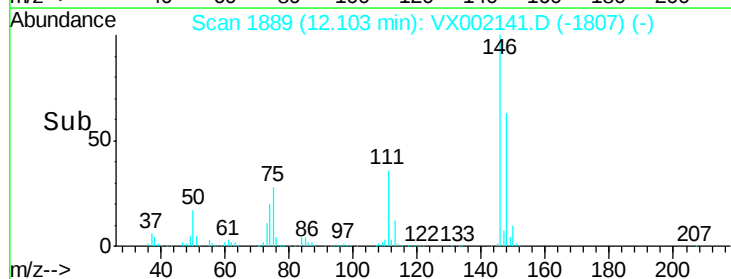
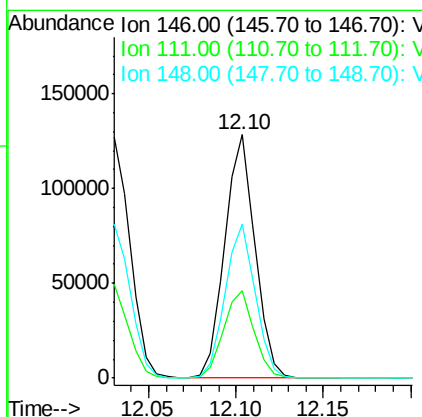
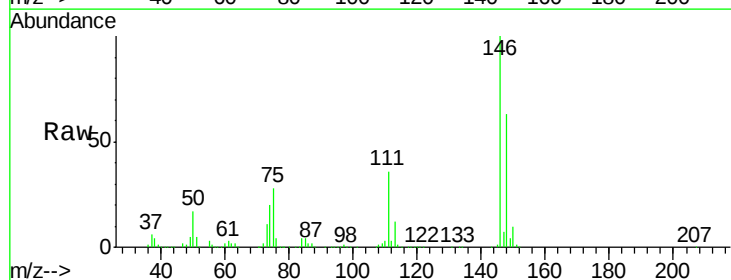
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

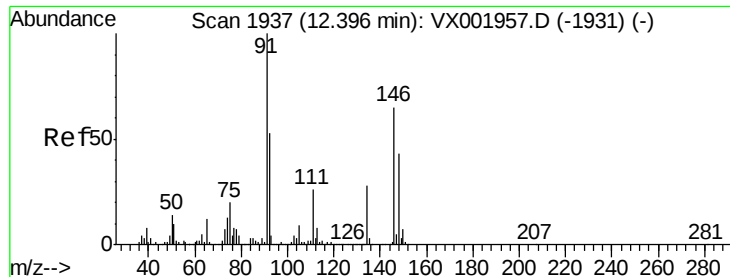
Tgt Ion:146 Resp: 154364
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.5
 148 63.7 31.9 95.7



#84
 1,4-Dichlorobenzene
 Concen: 19.75 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002141.D
 Acq: 30 May 2018 15:16

Tgt Ion:146 Resp: 154845
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.5 55.5
 148 63.1 32.0 96.0





#85

n-Butylbenzene

Concen: 20.09 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VX002141.D

Acq: 30 May 2018 15:16

Instrument :

MSVOA_X

ClientSampled :

VX0530WBS01

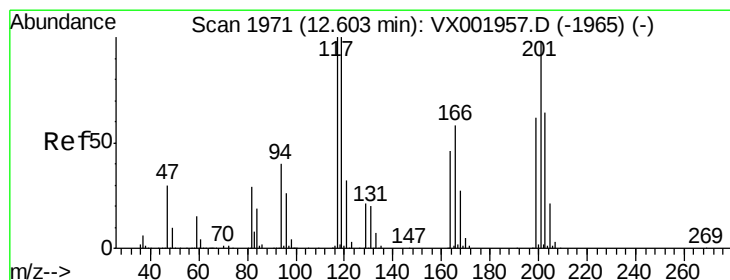
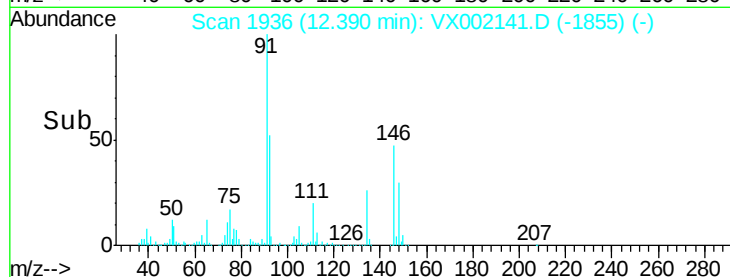
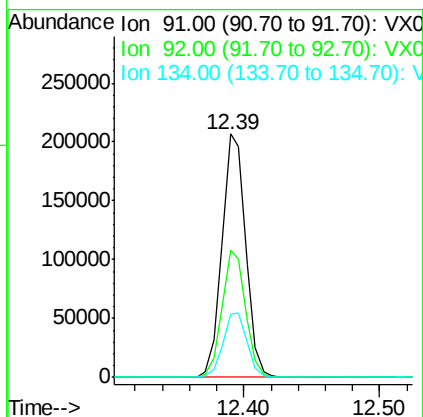
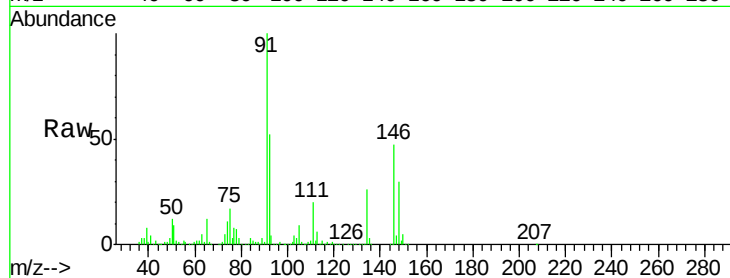
Tgt Ion: 91 Resp: 248697

Ion Ratio Lower Upper

91 100

92 51.8 0.0 105.2

134 26.6 0.0 53.2



#86

Hexachloroethane

Concen: 15.05 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX002141.D

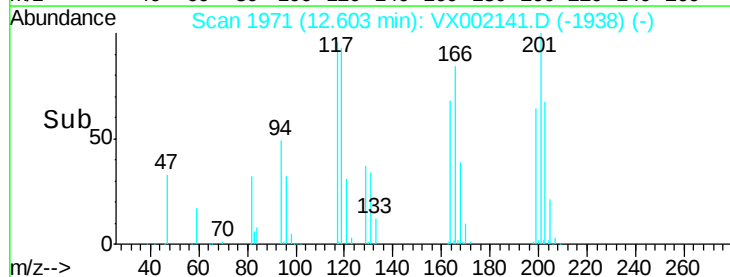
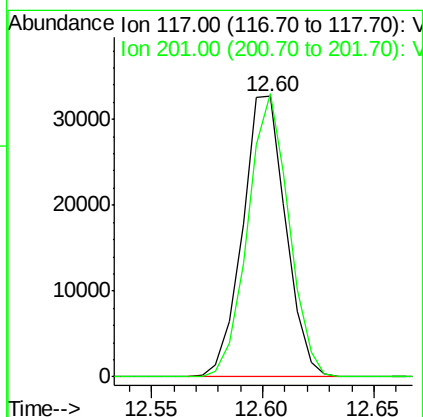
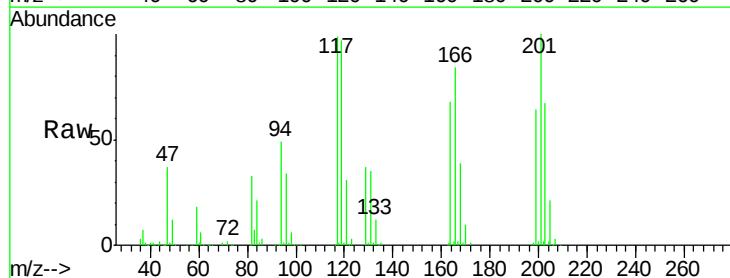
Acq: 30 May 2018 15:16

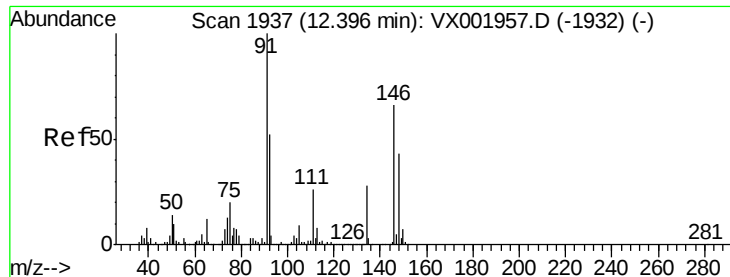
Tgt Ion: 117 Resp: 44188

Ion Ratio Lower Upper

117 100

201 95.6 47.6 142.8

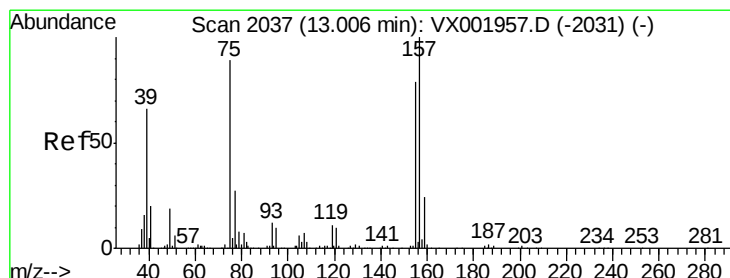
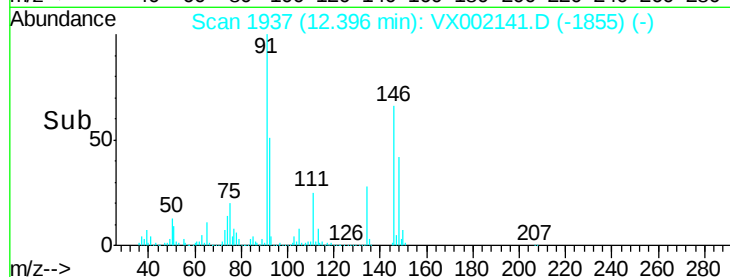
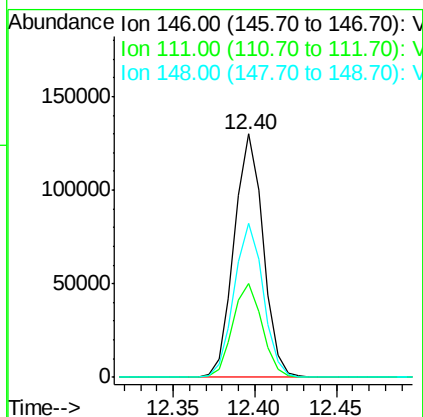
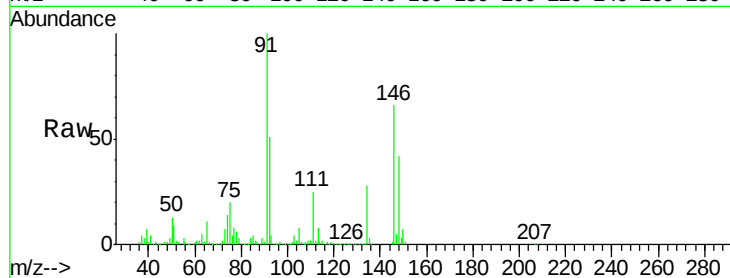




#87
 1,2-Dichlorobenzene
 Concen: 19.87 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002141.D
 Acq: 30 May 2018 15:16

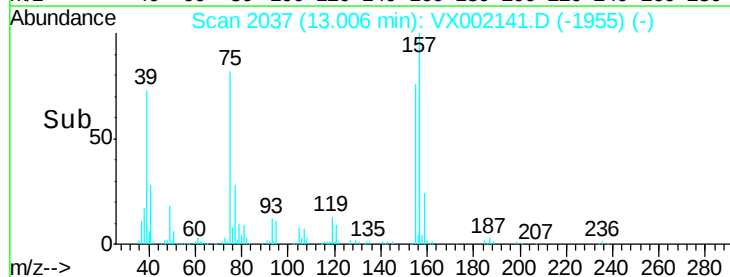
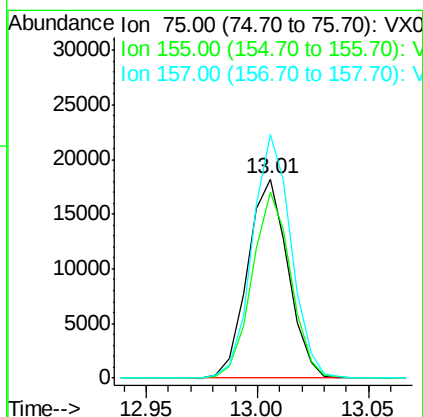
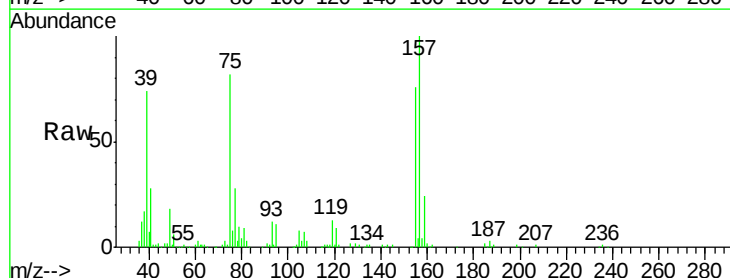
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

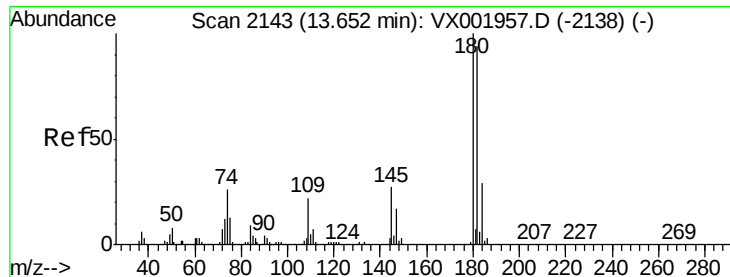
Tgt Ion: 146 Resp: 161256
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.0 59.9
 148 63.5 32.8 98.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.23 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002141.D
 Acq: 30 May 2018 15:16

Tgt Ion: 75 Resp: 23021
 Ion Ratio Lower Upper
 75 100
 155 89.6 73.1 109.7
 157 117.5 93.1 139.7

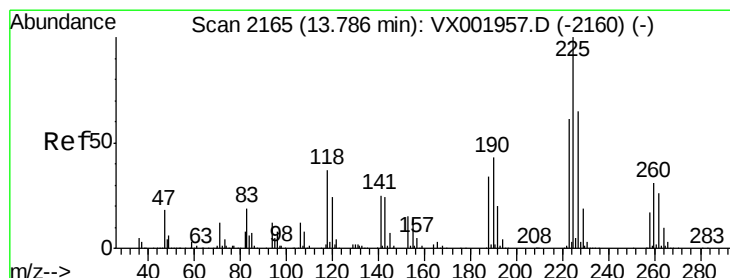
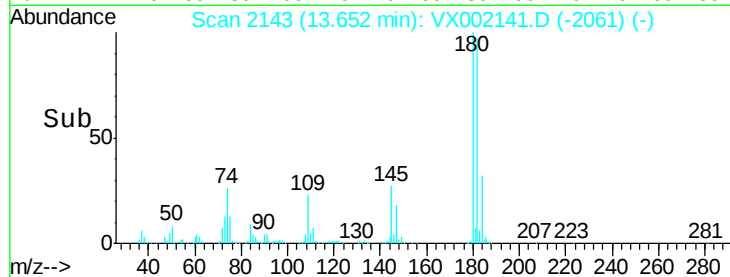
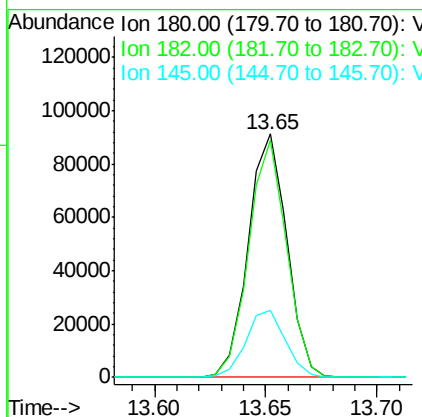
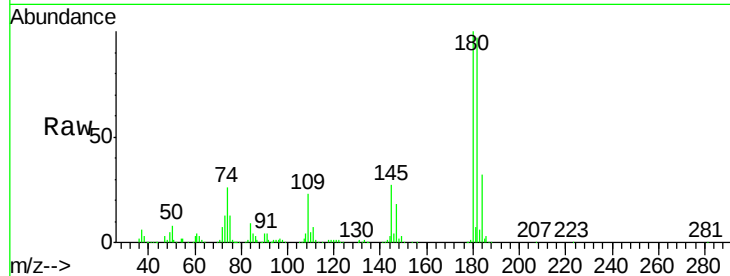




#89
 1,2,4-Trichlorobenzene
 Concen: 19.20 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002141.D
 Acq: 30 May 2018 15:16

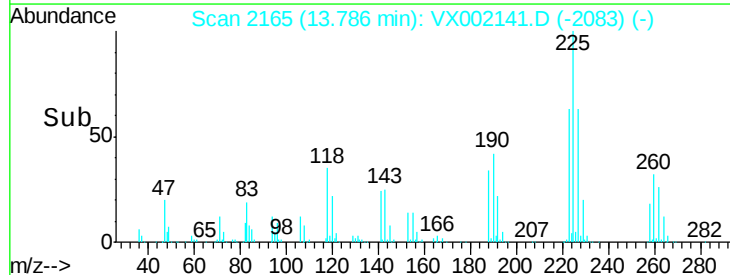
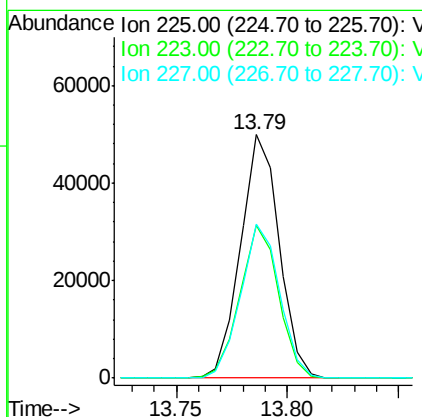
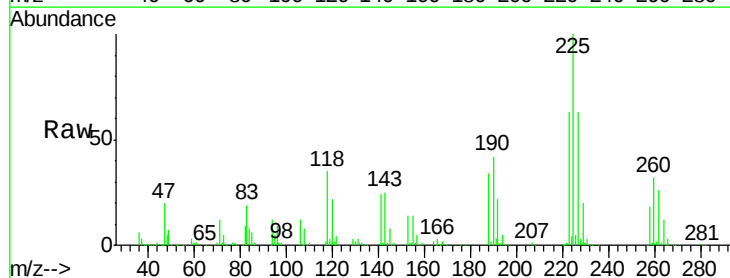
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

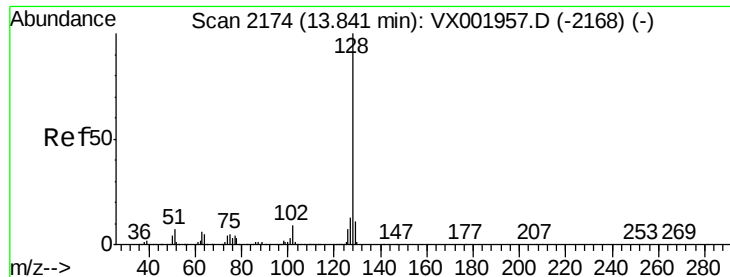
Tgt Ion:180 Resp: 110678
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.4 114.6
 145 28.2 22.9 34.3



#90
 Hexachlorobutadiene
 Concen: 19.77 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002141.D
 Acq: 30 May 2018 15:16

Tgt Ion:225 Resp: 60598
 Ion Ratio Lower Upper
 225 100
 223 62.6 0.0 122.4
 227 63.8 0.0 128.0

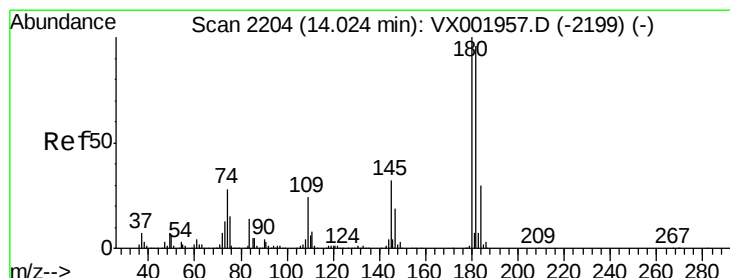
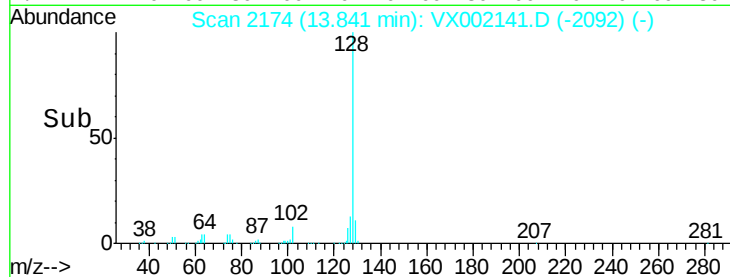
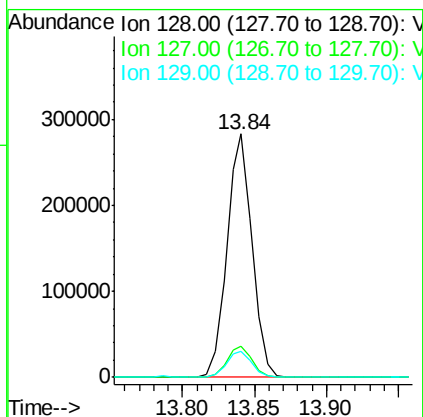
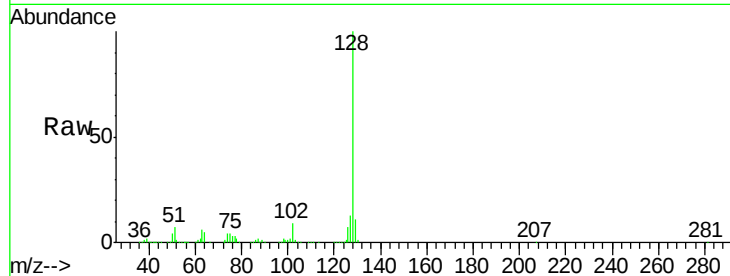




#91
Naphthalene
Concen: 19.02 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002141.D
Acq: 30 May 2018 15:16

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion:128 Resp: 345956
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 19.30 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002141.D
Acq: 30 May 2018 15:16

Tgt Ion:180 Resp: 116184
Ion Ratio Lower Upper
180 100
182 95.6 0.0 191.0
145 30.1 0.0 60.6

