

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022219\
 Data File : VX007654.D
 Acq On : 22 Feb 2019 12:43
 Operator : JC/SP
 Sample : VX0222WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBSD01

Quant Time: Feb 23 00:30:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:51:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	70215	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	360505	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	330237	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	136842	30.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.43%
60) 4-Bromofluorobenzene	11.13	95	153654	30.32	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.07%
63) Toluene-d8	8.71	98	452224	30.30	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	73090	20.556 ug/l	98
3) Chloromethane	1.33	50	78125	19.992 ug/l	96
4) Vinyl Chloride	1.41	62	86055	19.578 ug/l	100
5) Bromomethane	1.64	94	70546	17.973 ug/l	98
6) Chloroethane	1.73	64	55024	18.416 ug/l	93
7) Trichlorofluoromethane	1.93	101	134322	19.495 ug/l	98
8) Diethyl Ether	2.19	74	52506	19.077 ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	77951	20.052 ug/l	99
10) 1,1-Dichloroethene	2.38	96	74975	19.436 ug/l	91
11) Methyl Iodide	2.51	142	107081	19.314 ug/l	99
12) Methyl Acetate	2.78	43	95971	18.040 ug/l	97
13) Acrolein	2.29	56	63377	68.296 ug/l	98
14) Acrylonitrile	3.15	53	228404	93.182 ug/l	100
15) Acetone	2.45	58	63280	95.127 ug/l	96
16) Carbon Disulfide	2.57	76	191861	18.756 ug/l	98
17) Allyl chloride	2.73	41	120627	18.252 ug/l	98
18) Methylene Chloride	2.86	84	82619	19.045 ug/l	94
19) trans-1,2-Dichloroethene	3.17	96	79329	19.227 ug/l	95
20) Diisopropyl ether	3.87	45	241273	19.317 ug/l	95
21) 1,1-Dichloroethane	3.70	63	137186	19.591 ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	89890	19.577 ug/l	99
23) tert-Butyl Alcohol	3.06	59	92266	89.557 ug/l #	100
24) Methyl tert-Butyl Ether	3.20	73	249282	18.622 ug/l	96
25) Chloroform	5.21	83	147155	19.898 ug/l	96
26) Cyclohexane	5.57	56	117853	20.071 ug/l #	99
29) 1,1-Dichloropropene	5.80	75	102903	20.463 ug/l	99
30) 2-Butanone	4.70	43	307686	103.392 ug/l	98
31) 2,2-Dichloropropane	4.59	77	96838	23.702 ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	125481	20.877 ug/l	99
33) Carbon Tetrachloride	5.78	117	107638	20.258 ug/l	97
34) Benzene	6.14	78	319745	20.170 ug/l	98
35) Methacrylonitrile	5.06	41	63900	20.652 ug/l	96
36) 1,2-Dichloroethane	6.20	62	111865	20.735 ug/l	99
37) Trichloroethene	7.21	130	95150	20.876 ug/l	94
38) Methylcyclohexane	7.46	83	123791	21.266 ug/l	99
39) 1,2-Dichloropropane	7.52	63	78672	19.952 ug/l	99
40) Dibromomethane	7.66	93	58087	20.397 ug/l	97

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:51:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	102271	20.236	ug/l	99
42) Vinyl Acetate	3.82	43	1044385	100.263	ug/l	99
43) Ethyl Acetate	4.85	43	115741	20.309	ug/l #	86
44) Isopropyl Acetate	6.46	43	174112	19.788	ug/l	99
45) 1,4-Dioxane	7.75	88	37604	362.116	ug/l	99
46) Methyl methacrylate	7.77	41	91205	20.469	ug/l	98
47) n-amyl Acetate	10.90	43	153227	19.757	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	104668	20.062	ug/l	98
49) cis-1,3-Dichloropropene	8.44	75	118807	20.450	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	88403	21.290	ug/l	92
51) Ethyl methacrylate	9.18	69	119251	19.810	ug/l	99
52) 1,3-Dichloropropane	9.37	76	138922	20.741	ug/l	100
53) Dibromochloromethane	9.58	129	87215	20.194	ug/l	97
54) 1,2-Dibromoethane	9.67	107	95088	20.913	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	311533	101.790	ug/l	99
56) Bromoform	10.85	173	64168	19.698	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	590869	99.473	ug/l	100
59) 2-Hexanone	9.49	43	453412	100.494	ug/l	99
61) Tetrachloroethene	9.34	164	94648	20.189	ug/l	97
62) Toluene	8.79	91	357765	19.892	ug/l	99
64) Chlorobenzene	10.14	112	232364	19.881	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	85259	20.140	ug/l	99
66) Ethyl Benzene	10.25	91	377376	19.773	ug/l	98
67) m/p-Xylenes	10.36	106	293236	39.172	ug/l	99
68) o-Xylene	10.70	106	145165	19.883	ug/l	98
69) Styrene	10.71	104	232288	19.716	ug/l	99
70) Isopropylbenzene	11.02	105	379362	19.696	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	130036	20.423	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	144622	24.842	ug/l	90
73) Bromobenzene	11.26	156	106450	20.243	ug/l	99
74) n-propylbenzene	11.36	91	423138	19.785	ug/l	99
75) 2-Chlorotoluene	11.42	91	250886	19.620	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	313919	19.966	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	32375	19.266	ug/l	93
78) 4-Chlorotoluene	11.51	91	284532	19.494	ug/l	99
79) tert-butylbenzene	12.06	119	327399	19.610	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	316798	19.849	ug/l	99
81) sec-Butylbenzene	11.94	105	372746	19.852	ug/l	99
82) p-Isopropyltoluene	12.06	119	327399	19.610	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	183212	19.818	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	180910	19.610	ug/l	98
85) n-Butylbenzene	12.39	91	268851	19.406	ug/l	99
86) Hexachloroethane	12.60	117	55089	19.874	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	187184	20.173	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	25337	19.068	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	118009	19.364	ug/l	99
90) Hexachlorobutadiene	13.78	225	58894	20.684	ug/l	100
91) Naphthalene	13.83	128	365830	18.822	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	120426	19.439	ug/l	98

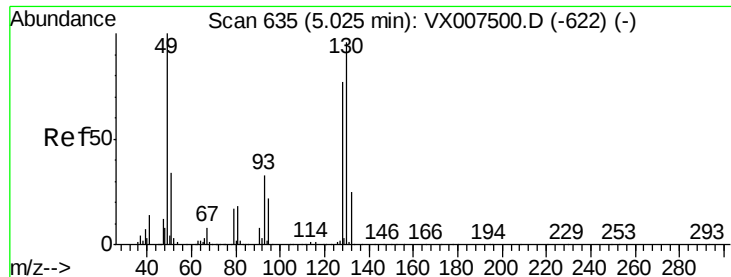
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022219\
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ClientSampleId :
VX0222WBSD01

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QLast Update : Wed Feb 13 07:51:18 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 635

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

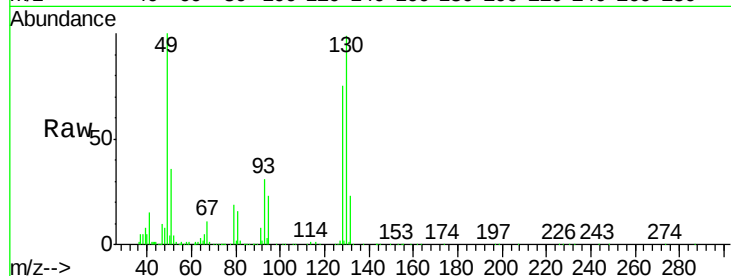
Tot Ion:128 Resp: 70215

Ion Ratio Lower Upper

128 100

49 139.0 0.0 350.8

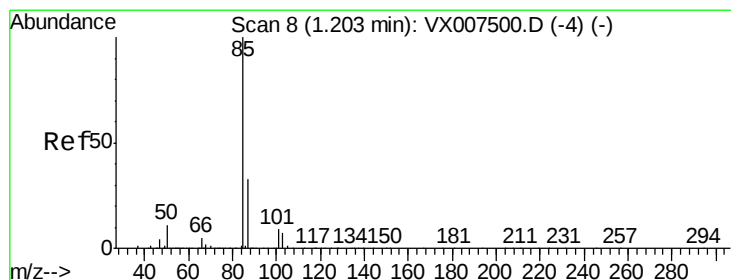
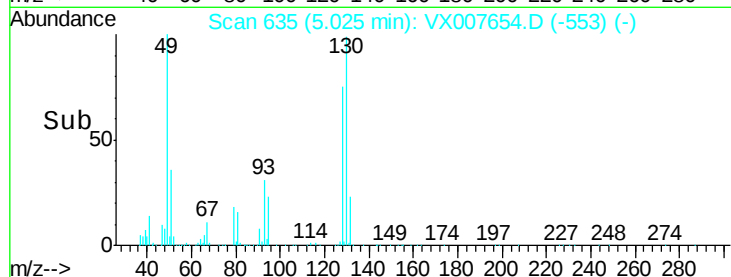
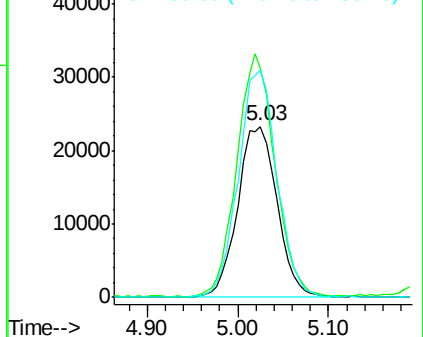
130 130.2 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.556 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX007654.D

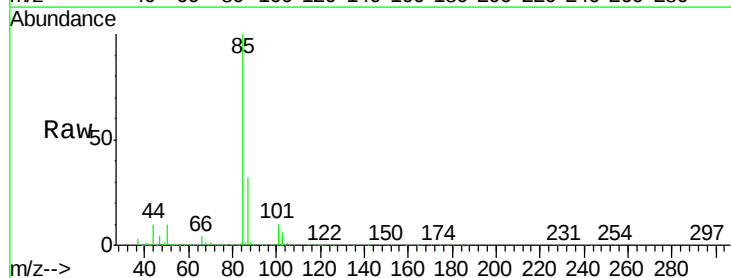
Acq: 22 Feb 2019 12:43

Tgt Ion: 85 Resp: 73090

Ion Ratio Lower Upper

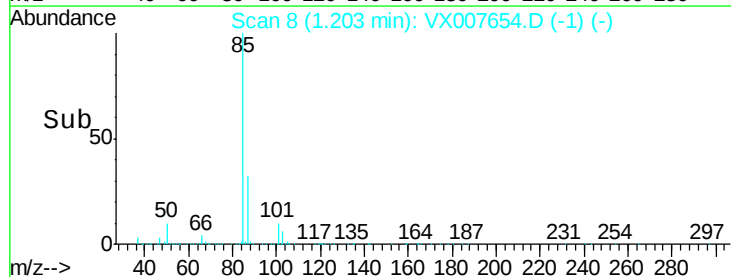
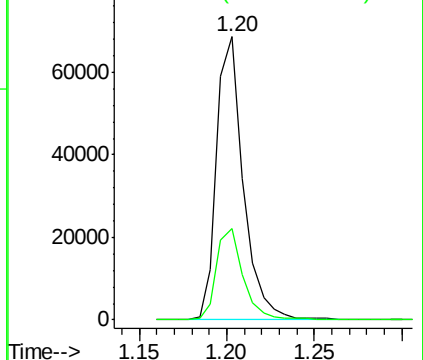
85 100

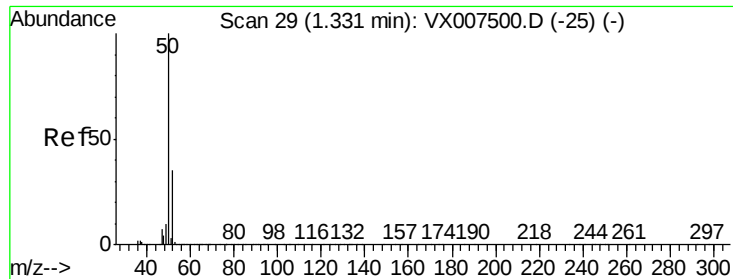
87 32.3 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

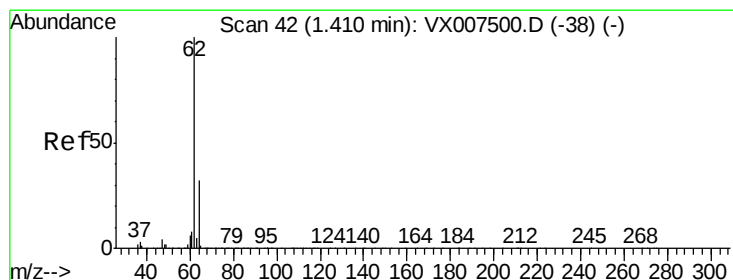
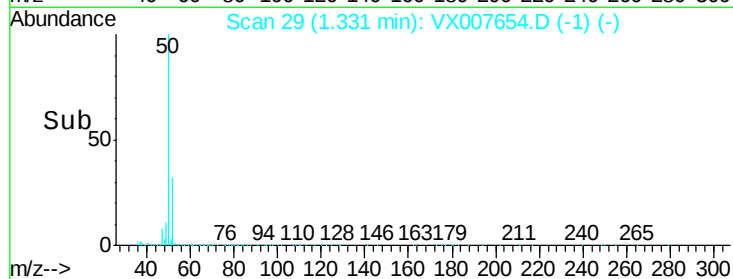
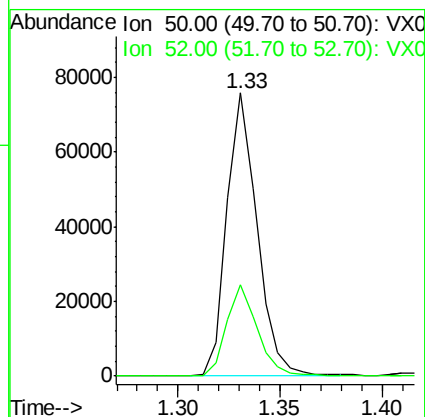
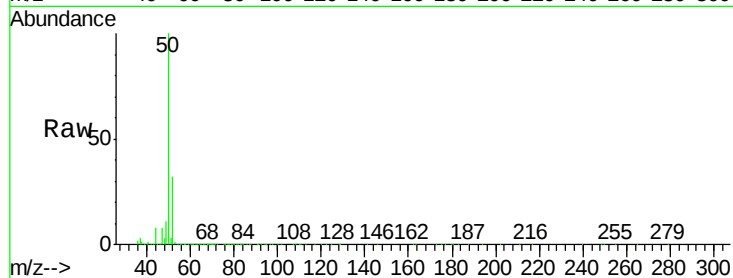




#3
Chloromethane
Concen: 19.992 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

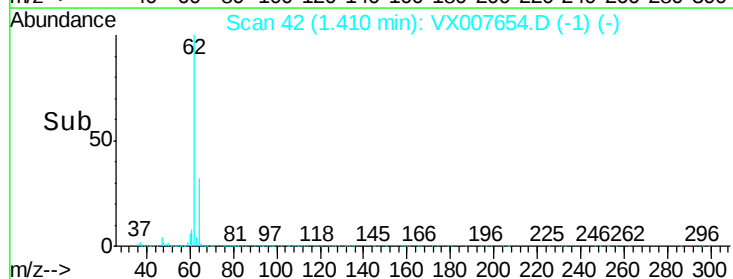
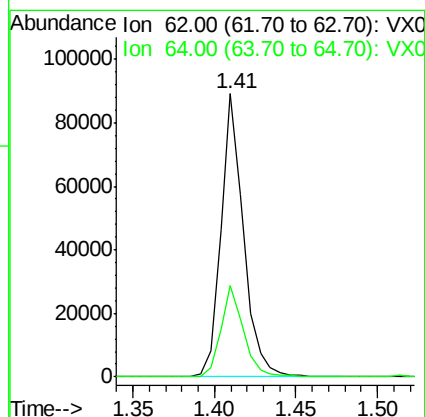
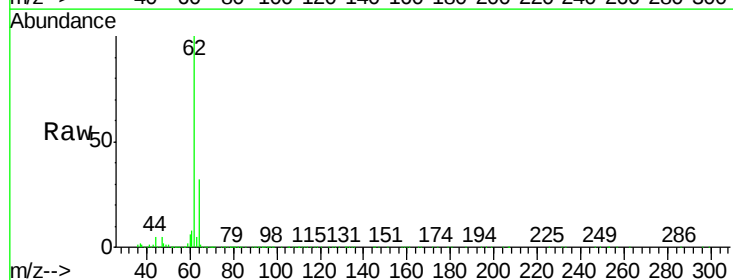
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBSD01

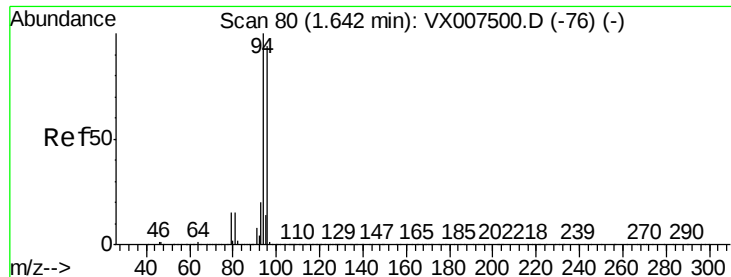
Tot Ion: 50 Resp: 78125
Ion Ratio Lower Upper
50 100
52 32.2 27.5 41.3



#4
Vinyl Chloride
Concen: 19.578 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Tgt Ion: 62 Resp: 86055
Ion Ratio Lower Upper
62 100
64 32.2 25.9 38.9





#5

Bromomethane

Concen: 17.973 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

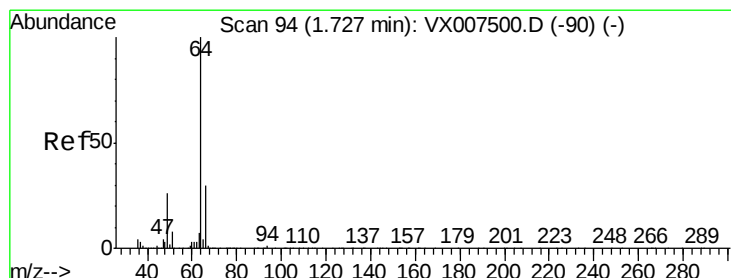
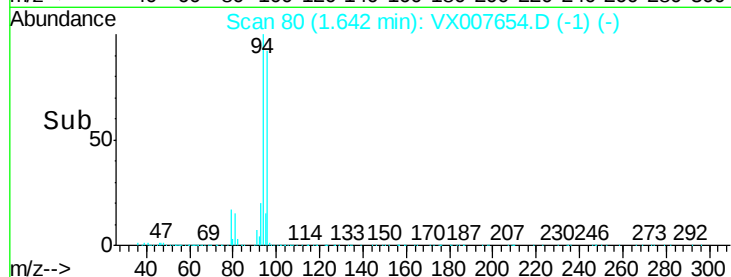
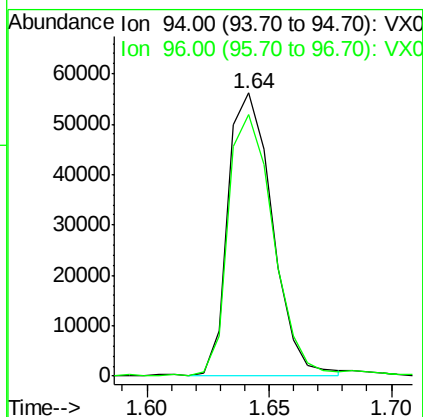
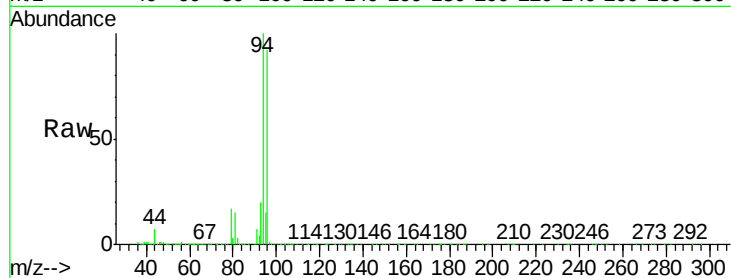
VX0222WBSD01

Tot Ion: 94 Resp: 70546

Ion Ratio Lower Upper

94 100

96 92.3 75.6 113.4



#6

Chloroethane

Concen: 18.416 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.00 min

Lab File: VX007654.D

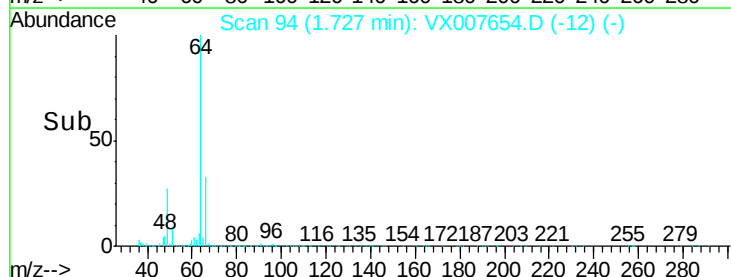
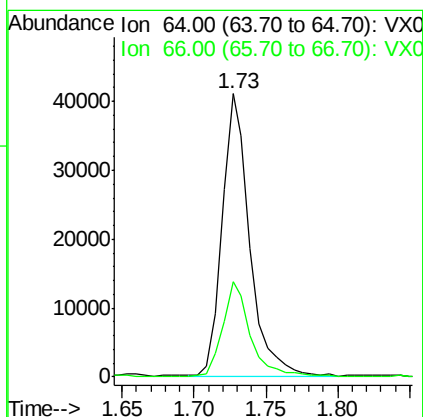
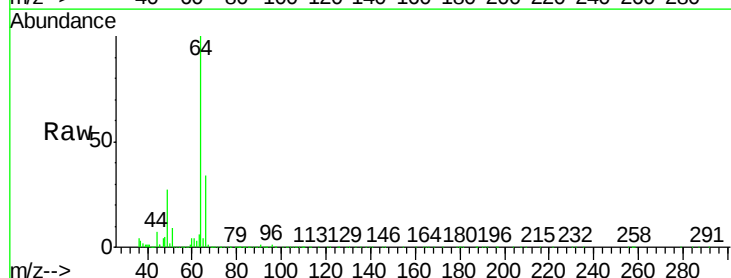
Acq: 22 Feb 2019 12:43

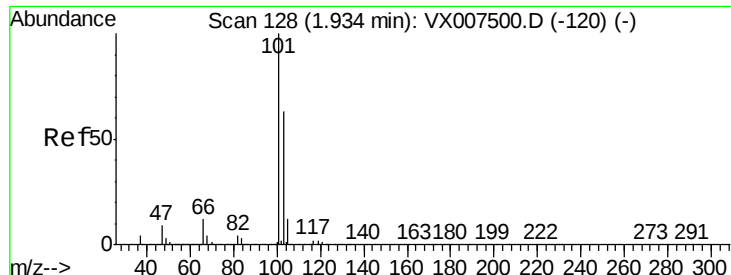
Tgt Ion: 64 Resp: 55024

Ion Ratio Lower Upper

64 100

66 33.7 23.9 35.9



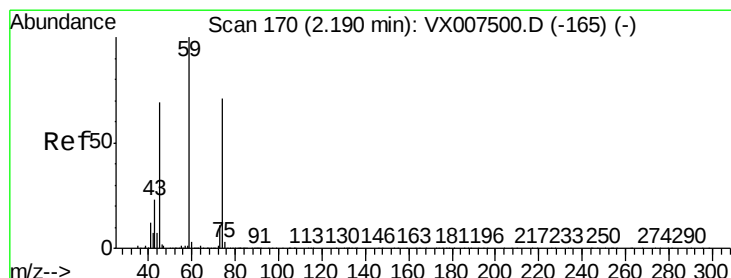
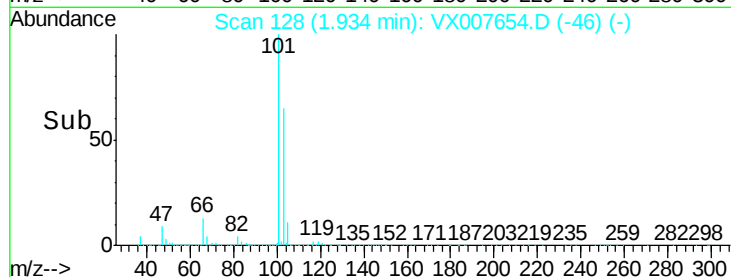
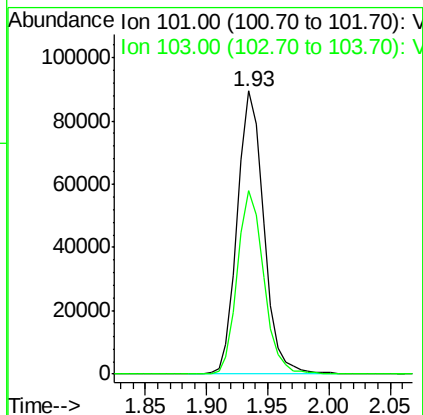
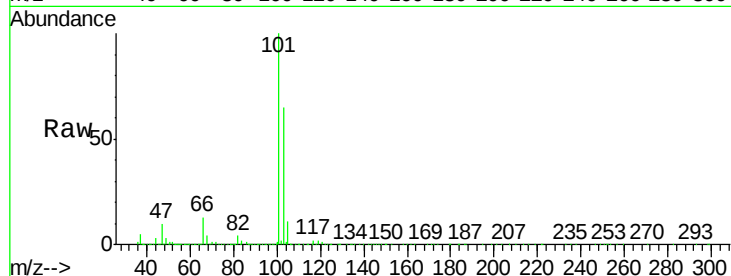


#7

Trichlorofluoromethane
 Concen: 19.495 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBSD01

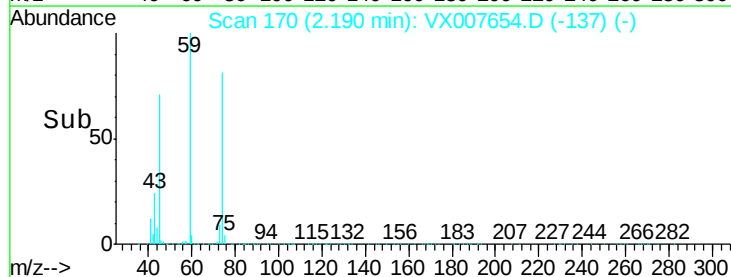
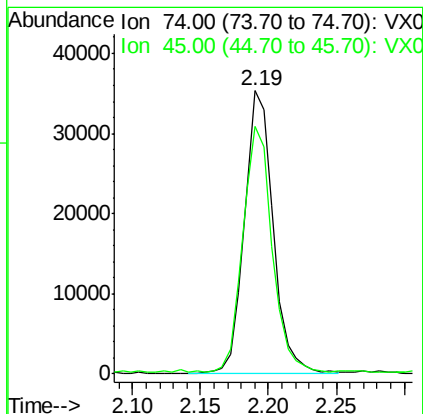
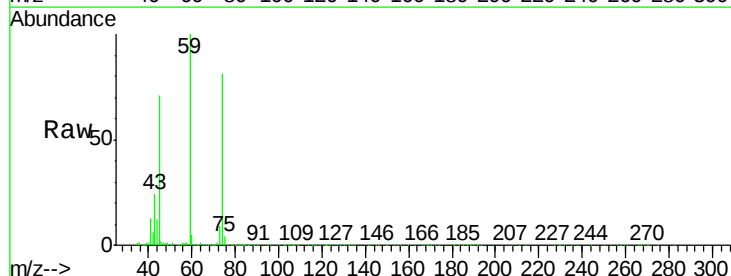
Tot Ion:101 Resp: 134322
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.4 75.6

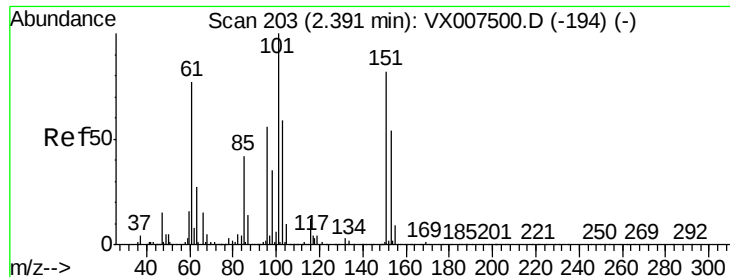


#8

Diethyl Ether
 Concen: 19.077 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Tgt Ion: 74 Resp: 52506
 Ion Ratio Lower Upper
 74 100
 45 87.6 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.052 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

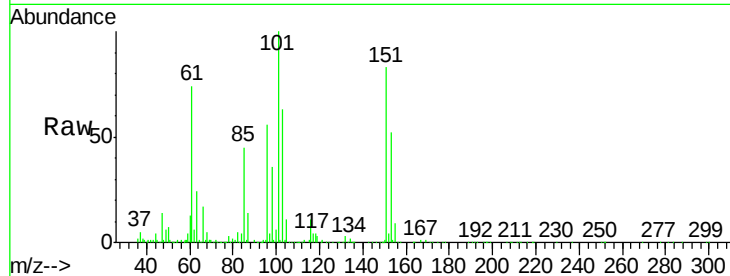
Tot Ion:101 Resp: 77951

Ion Ratio Lower Upper

101 100

85 44.3 0.0 86.8

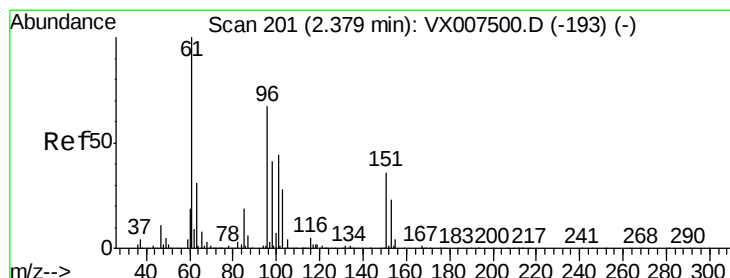
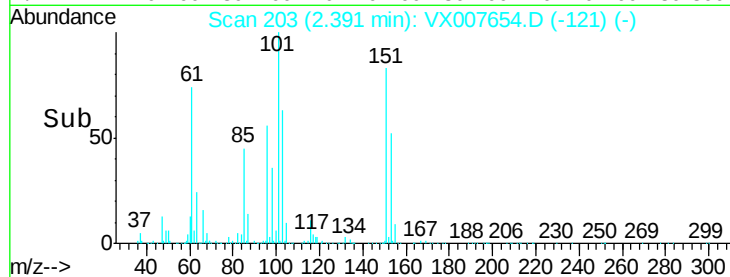
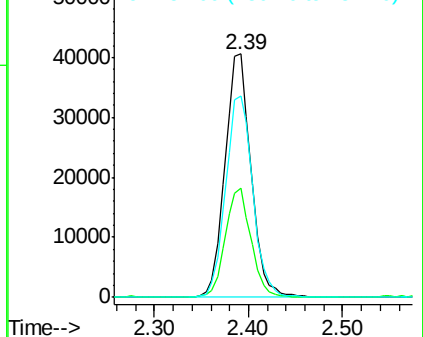
151 85.6 0.0 169.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.436 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

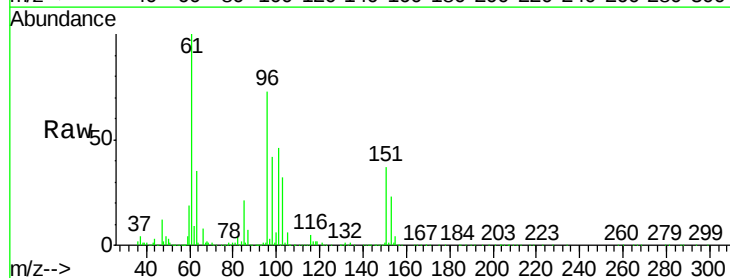
Tgt Ion: 96 Resp: 74975

Ion Ratio Lower Upper

96 100

61 136.9 120.2 180.2

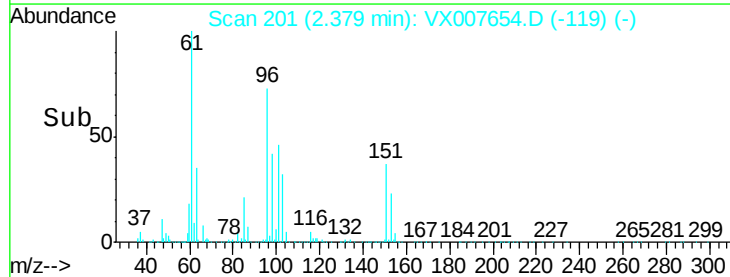
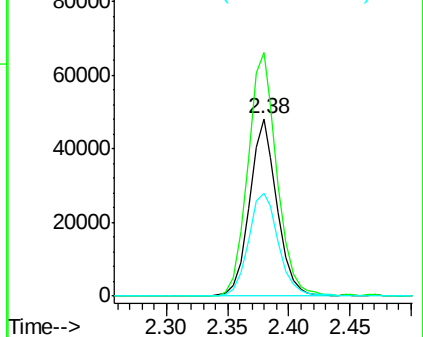
98 57.8 49.0 73.4

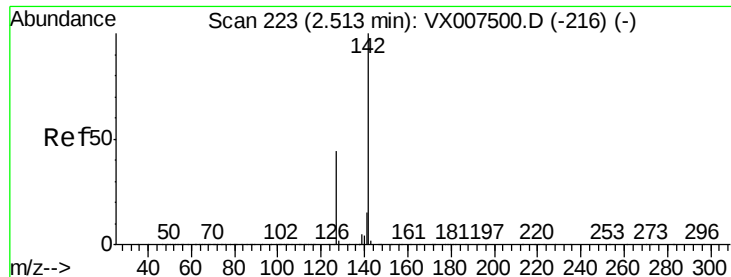


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

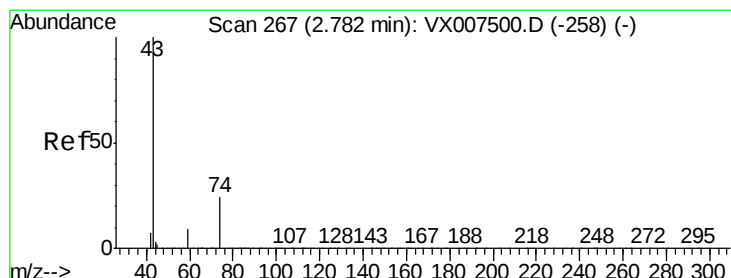
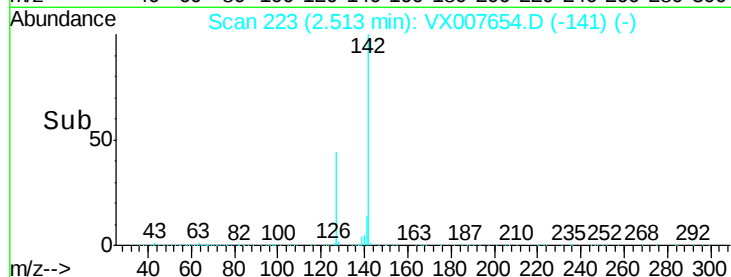
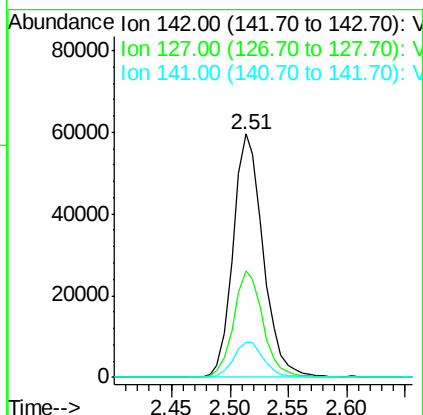
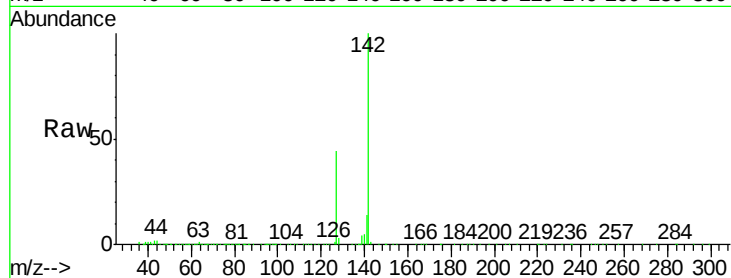




#11
Methvl Iodide
Concen: 19.314 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

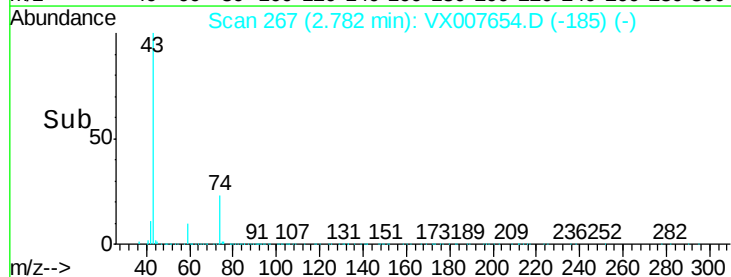
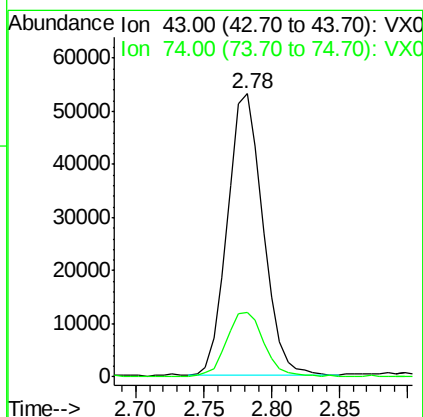
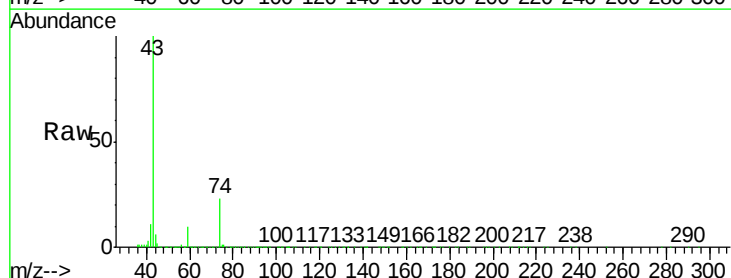
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBSD01

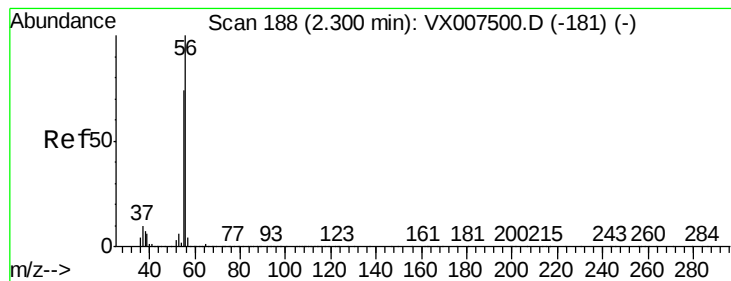
Tot Ion:142 Resp: 107081
Ion Ratio Lower Upper
142 100
127 43.5 22.1 66.5
141 14.3 7.4 22.3



#12
Methyl Acetate
Concen: 18.040 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Tgt Ion: 43 Resp: 95971
Ion Ratio Lower Upper
43 100
74 22.6 19.4 29.0





#13

Acrolein

Concen: 68.296 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

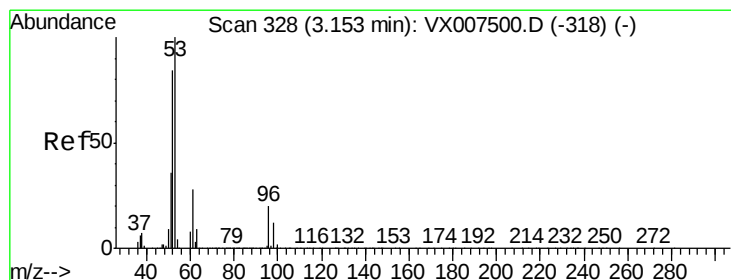
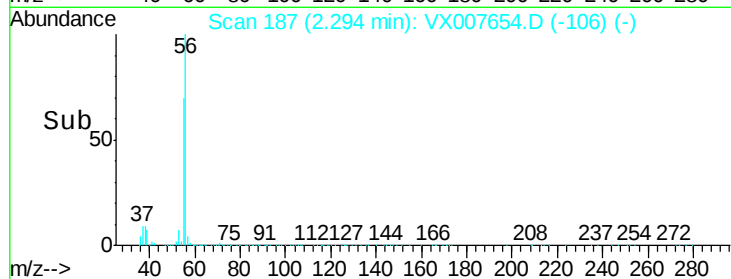
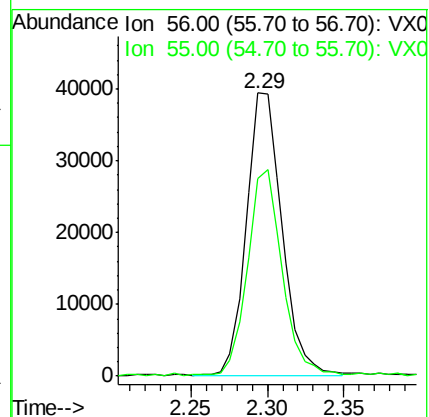
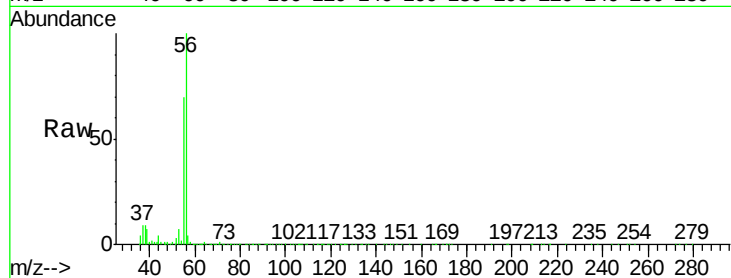
VX0222WBSD01

Tot Ion: 56 Resp: 63377

Ion Ratio Lower Upper

56 100

55 71.2 58.6 87.8



#14

Acrylonitrile

Concen: 93.182 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

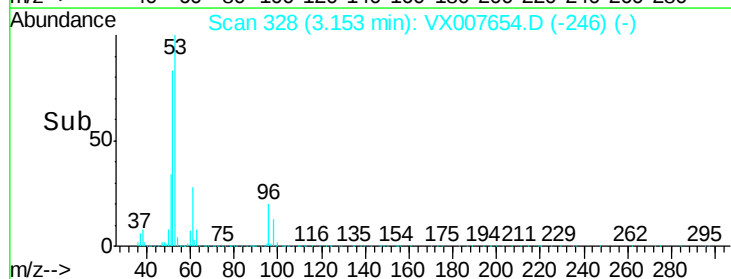
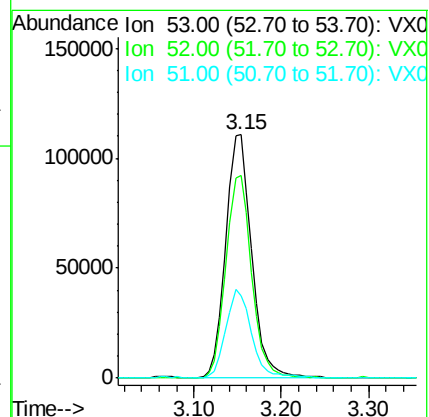
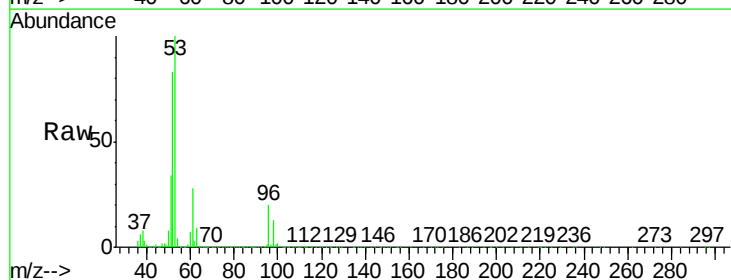
Tgt Ion: 53 Resp: 228404

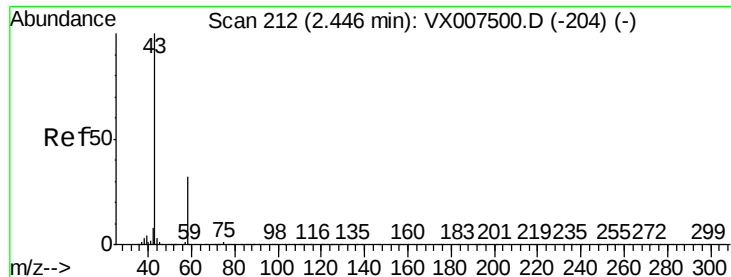
Ion Ratio Lower Upper

53 100

52 82.6 41.3 124.1

51 35.2 17.5 52.6





#15

Acetone

Concen: 95.127 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

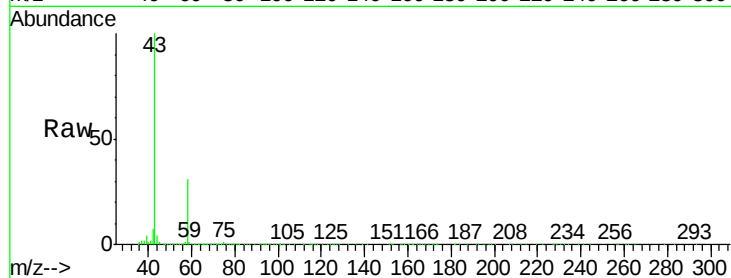
VX0222WBSD01

Tot Ion: 58 Resp: 63280

Ion Ratio Lower Upper

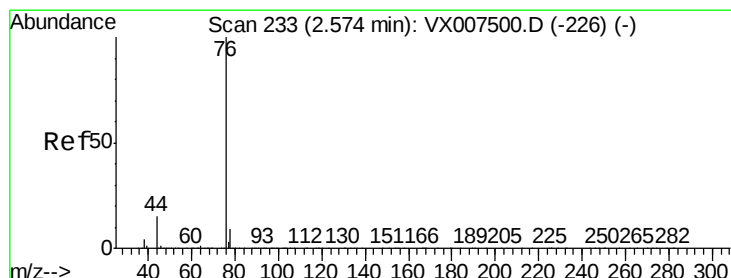
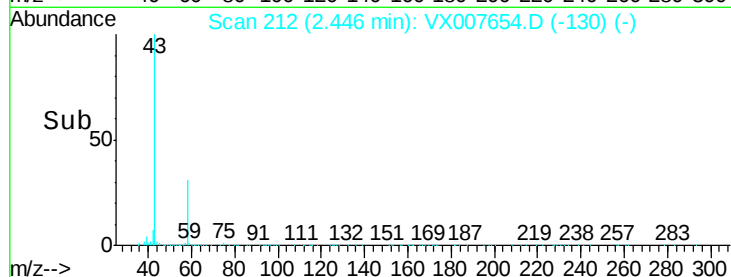
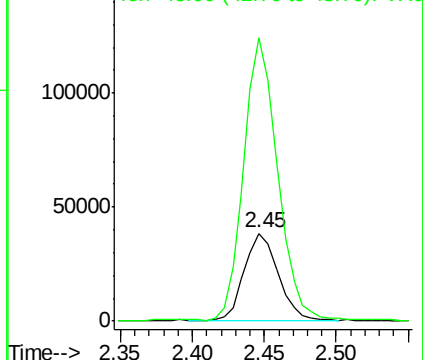
58 100

43 320.7 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 18.756 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007654.D

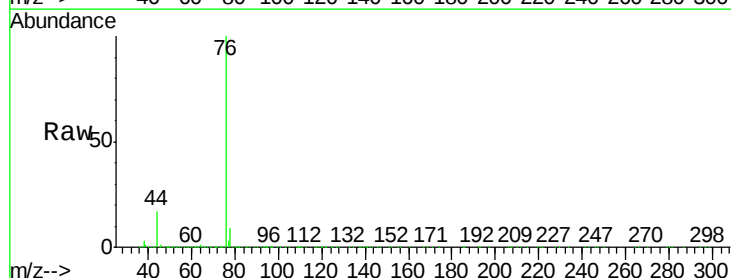
Acq: 22 Feb 2019 12:43

Tgt Ion: 76 Resp: 191861

Ion Ratio Lower Upper

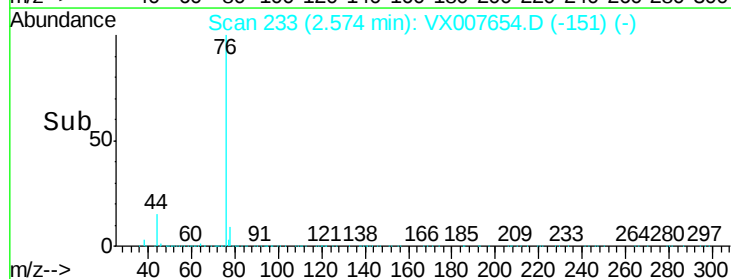
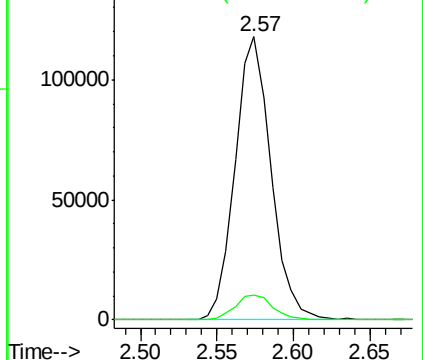
76 100

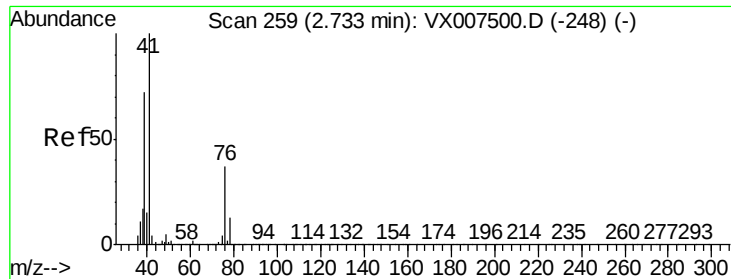
78 8.8 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

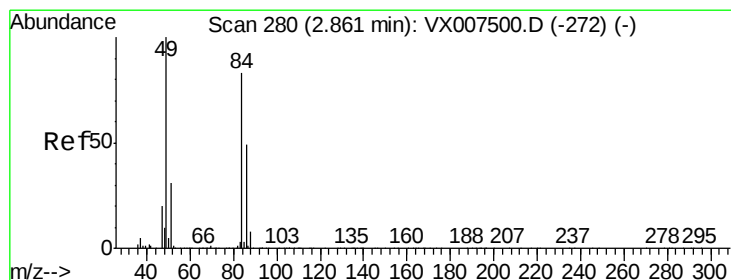
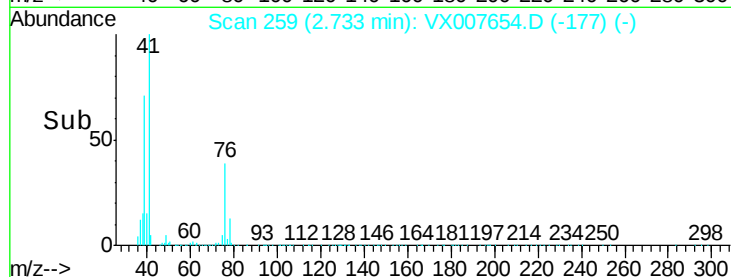
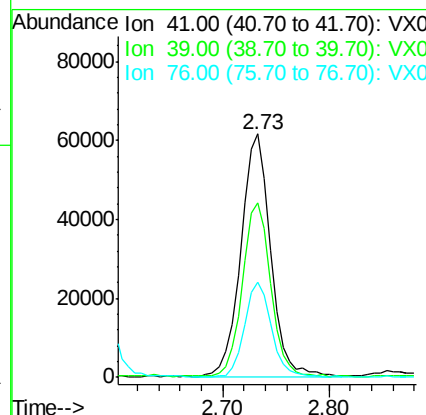
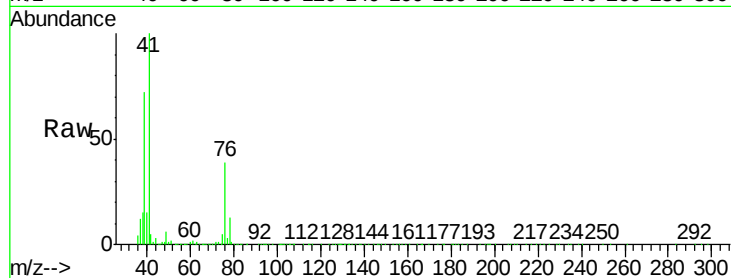




#17
Allvl chloride
Concen: 18.252 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

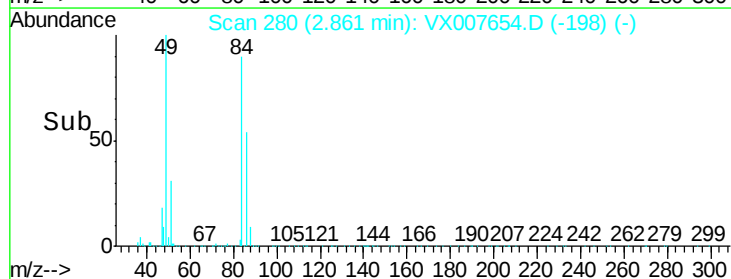
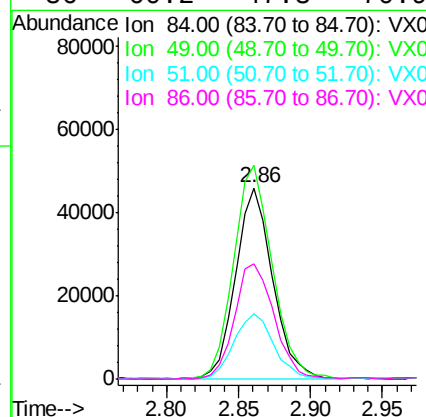
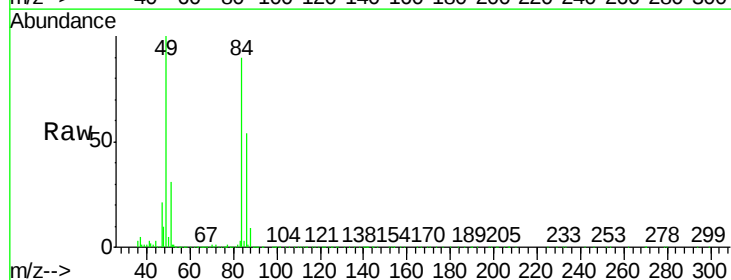
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBSD01

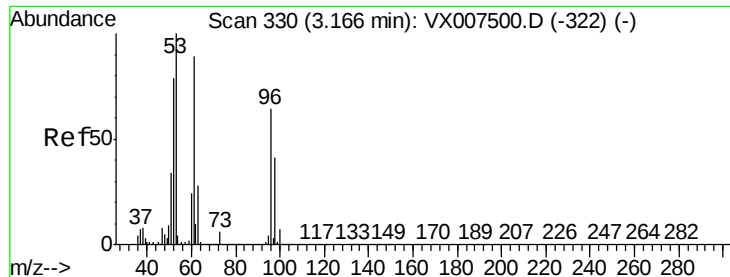
Tot Ion	Ratio	Lower	Upper
41	100		
39	71.5	35.8	107.4
76	39.3	18.3	54.9



#18
Methylene Chloride
Concen: 19.045 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.0	96.1	144.1
51	34.2	29.1	43.7
86	60.2	47.3	70.9





#19

trans-1,2-Dichloroethene

Concen: 19.227 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

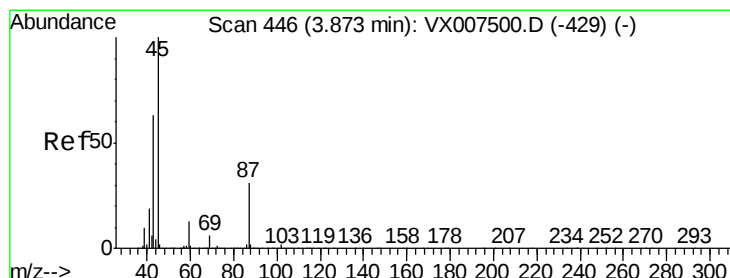
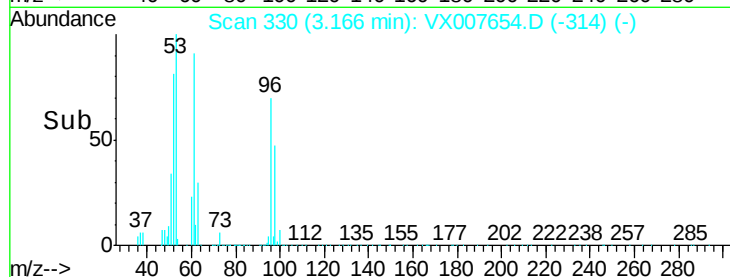
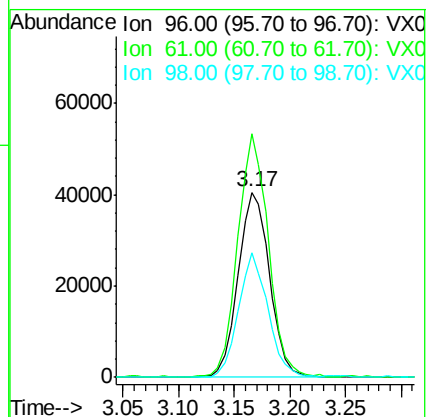
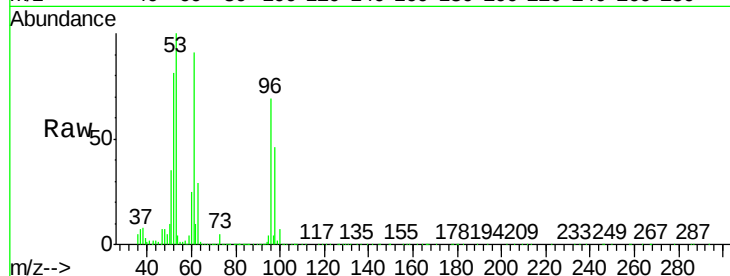
Tot Ion: 96 Resp: 79329

Ion Ratio Lower Upper

96 100

61 131.1 109.9 164.9

98 67.2 50.4 75.6



#20

Diisopropyl ether

Concen: 19.317 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Tgt Ion: 45 Resp: 241273

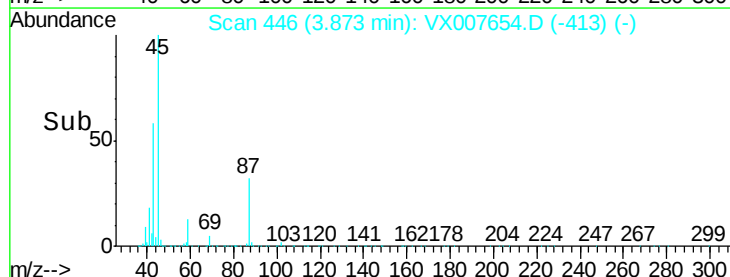
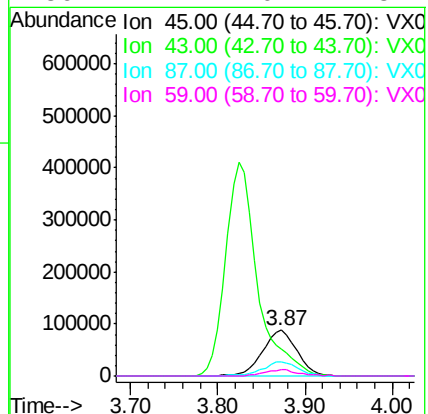
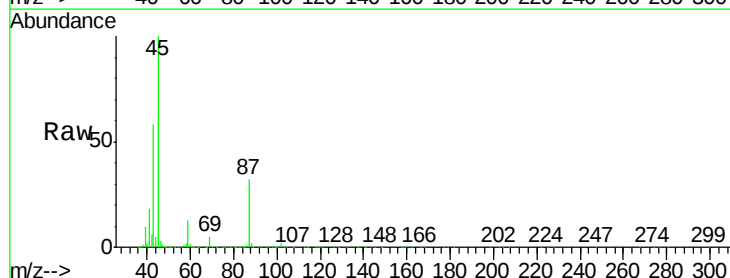
Ion Ratio Lower Upper

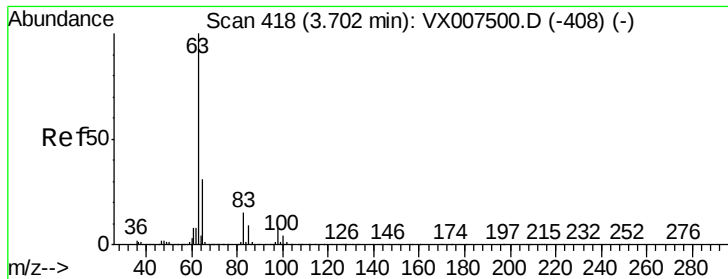
45 100

43 57.9 50.6 76.0

87 32.3 24.5 36.7

59 12.7 10.2 15.2





#21

1,1-Dichloroethane

Concen: 19.591 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

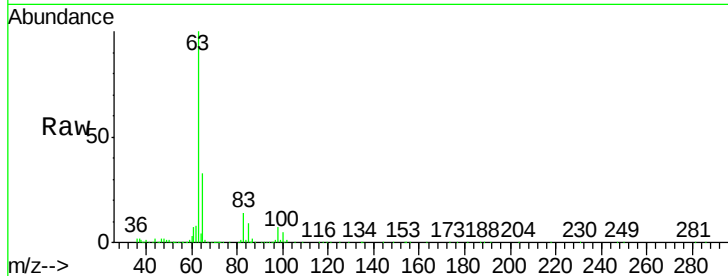
Tot Ion: 63 Resp: 137186

Ion Ratio Lower Upper

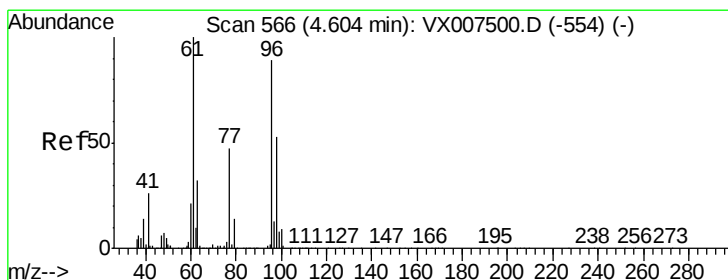
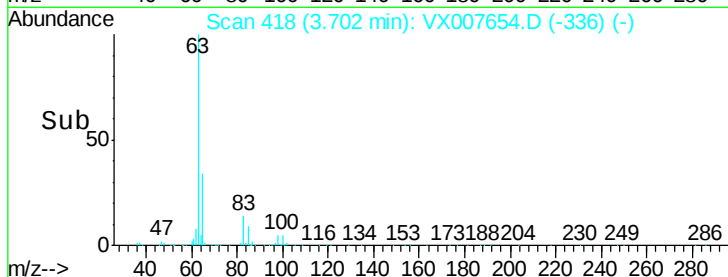
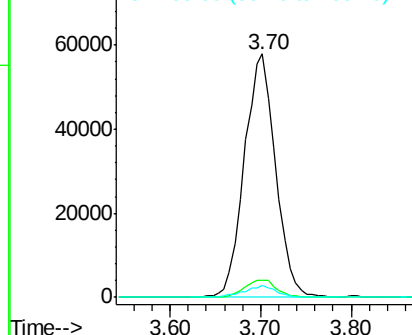
63 100

98 7.1 3.8 11.4

100 5.1 2.4 7.1



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



#22

cis-1,2-Dichloroethene

Concen: 19.577 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

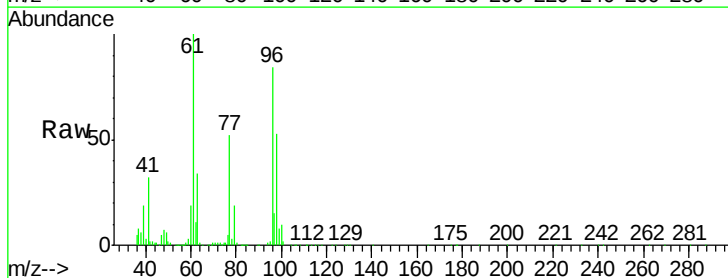
Tgt Ion: 96 Resp: 89890

Ion Ratio Lower Upper

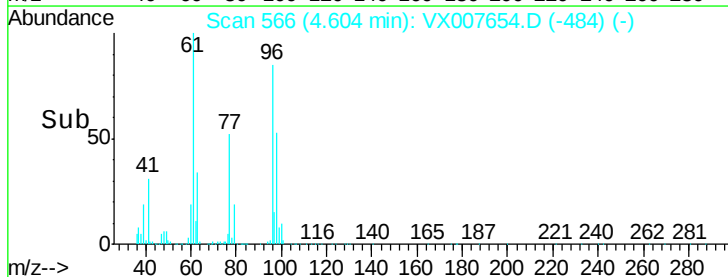
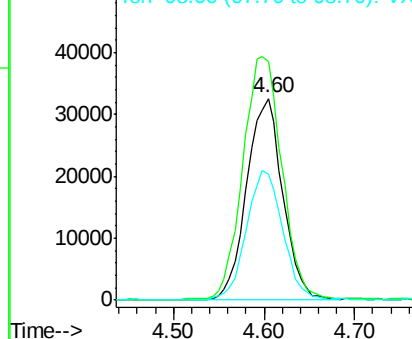
96 100

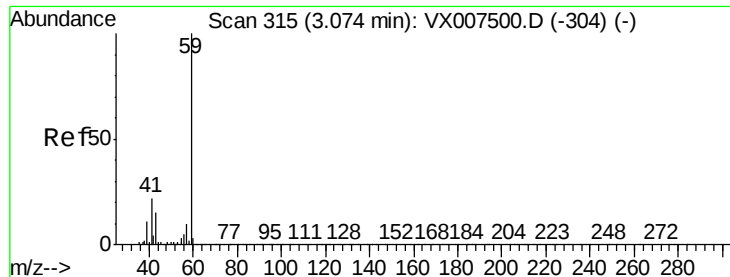
61 131.0 103.5 155.3

98 64.6 52.1 78.1



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



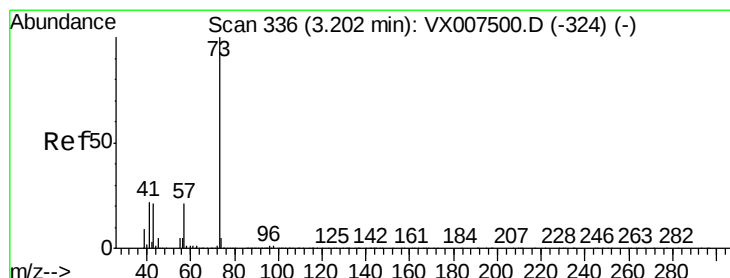
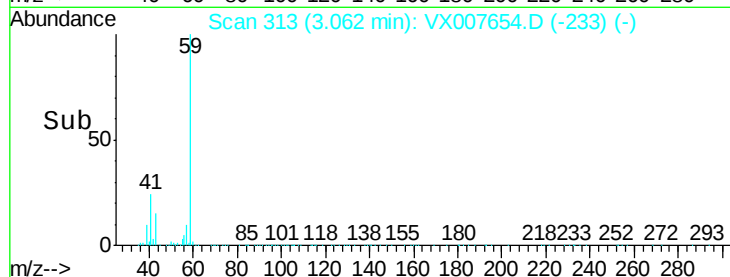
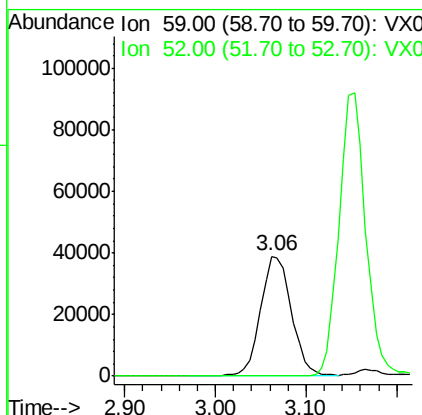
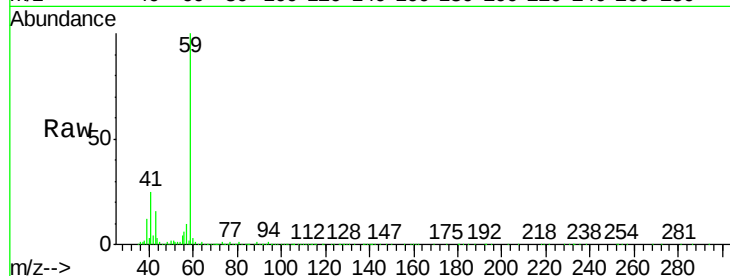


#23

tert-Butyl Alcohol
 Concen: 89.557 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.01 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBSD01

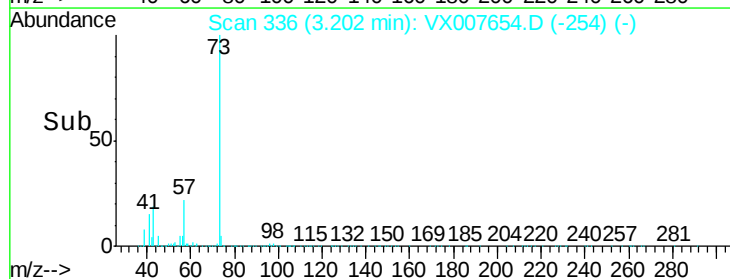
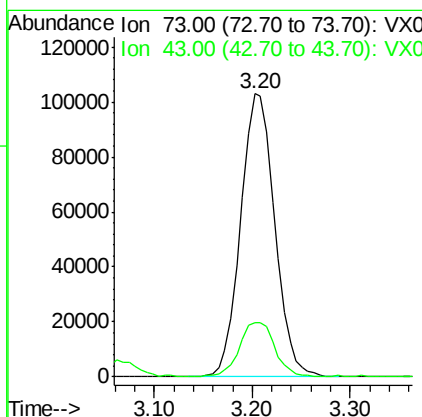
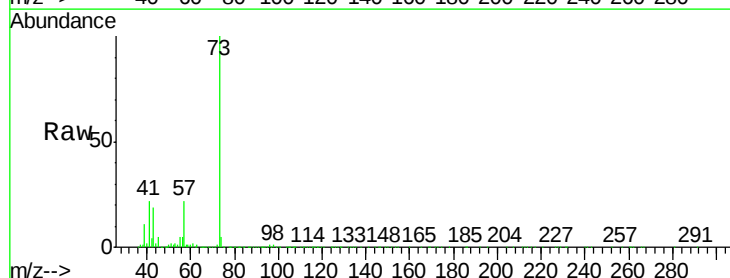
Tot Ion: 59 Resp: 92266
 Ion Ratio Lower Upper
 59 100
 52 0.6 0.2 0.2#

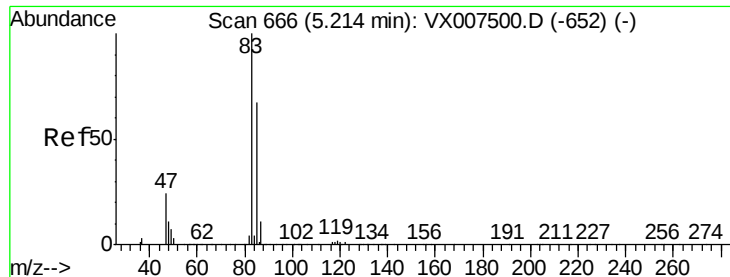


#24

Methyl tert-Butyl Ether
 Concen: 18.622 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Tgt Ion: 73 Resp: 249282
 Ion Ratio Lower Upper
 73 100
 43 19.6 17.1 25.7





#25

Chloroform

Concen: 19.898 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

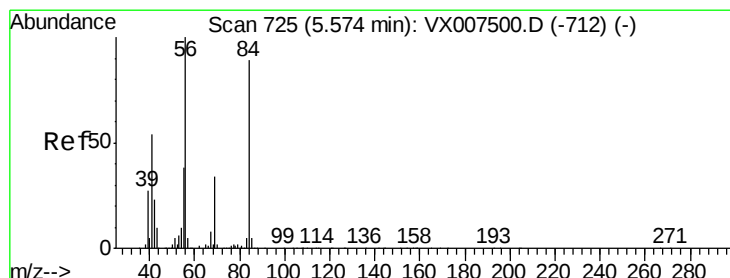
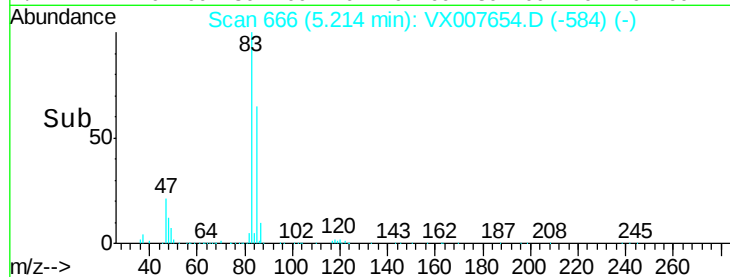
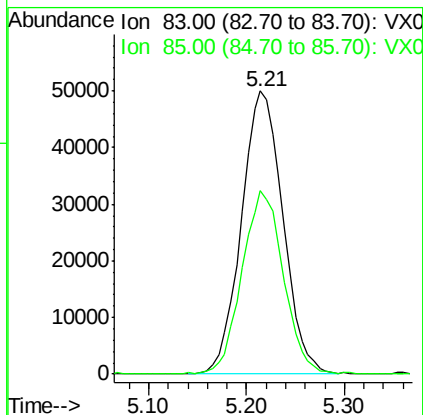
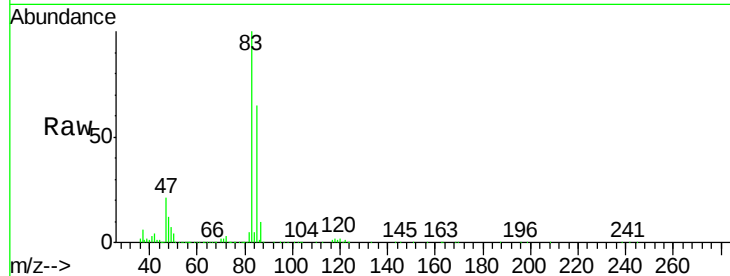
VX0222WBSD01

Tot Ion: 83 Resp: 147155

Ion Ratio Lower Upper

83 100

85 64.3 53.8 80.6



#26

Cyclohexane

Concen: 20.071 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

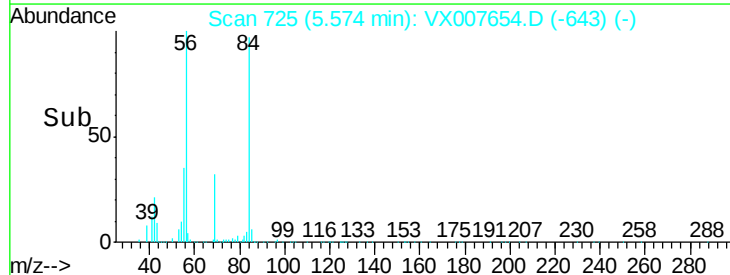
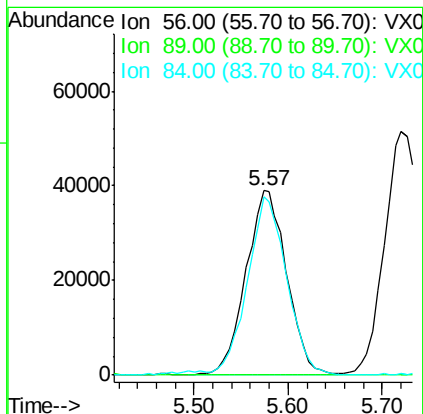
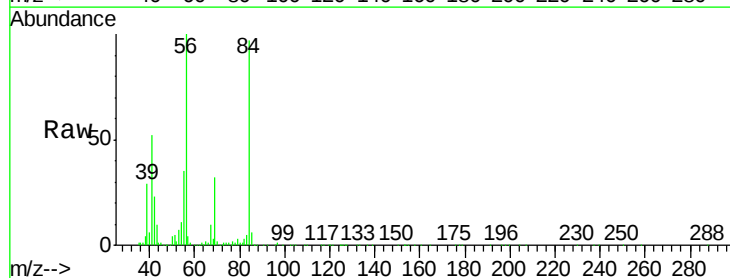
Tgt Ion: 56 Resp: 117853

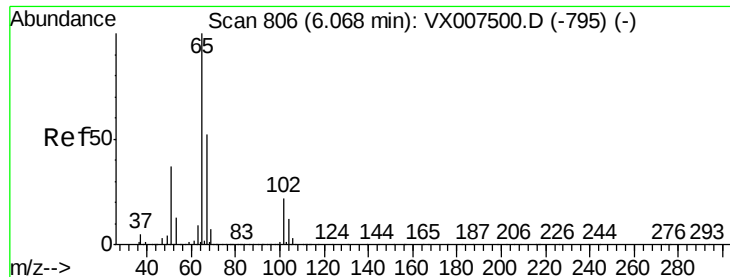
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 91.9 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 30.128 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

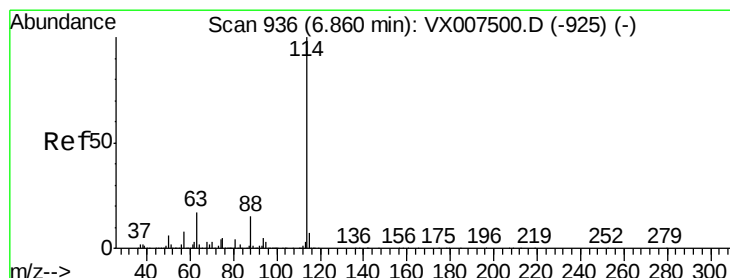
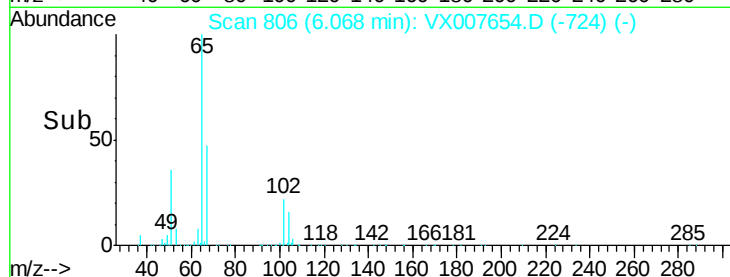
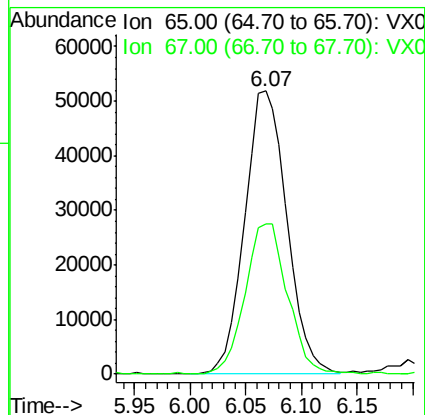
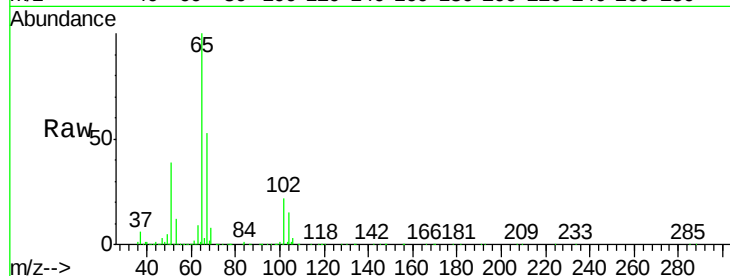
VX0222WBSD01

Tot Ion: 65 Resp: 136842

Ion Ratio Lower Upper

65 100

67 53.1 42.9 64.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

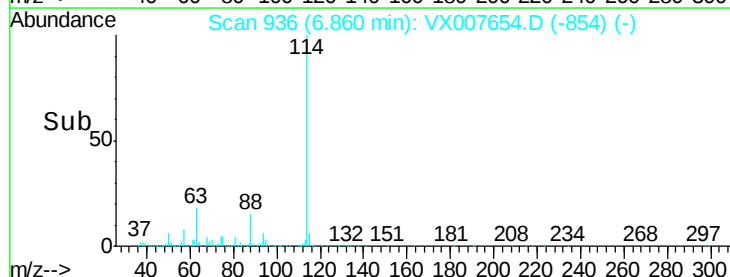
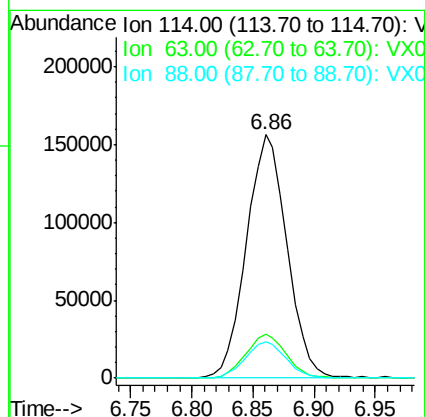
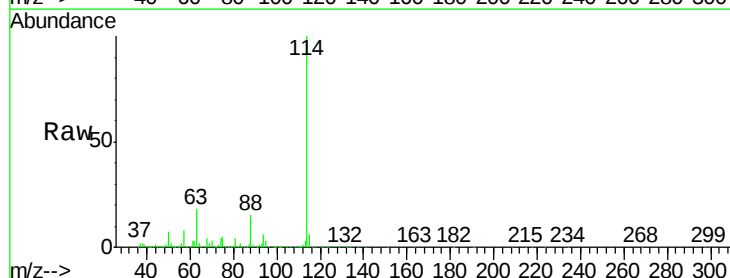
Tgt Ion: 114 Resp: 360505

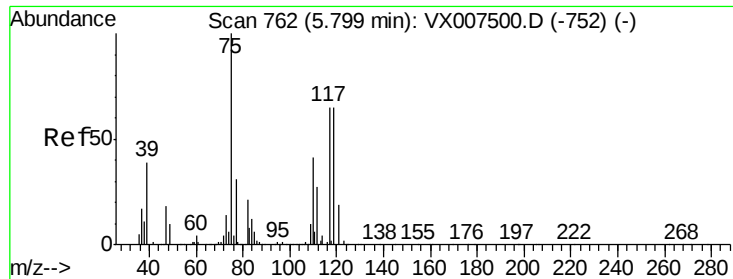
Ion Ratio Lower Upper

114 100

63 17.9 14.2 21.4

88 14.9 11.9 17.9





#29

1,1-Dichloropropene

Concen: 20.463 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampled :

VX0222WBSD01

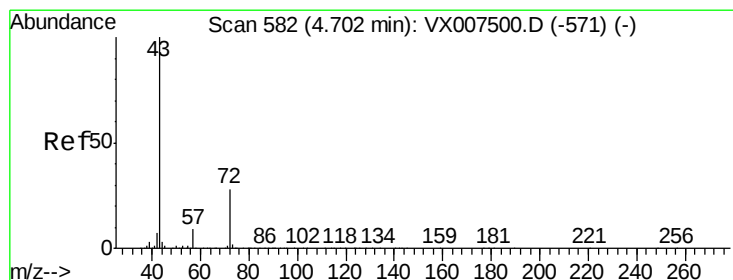
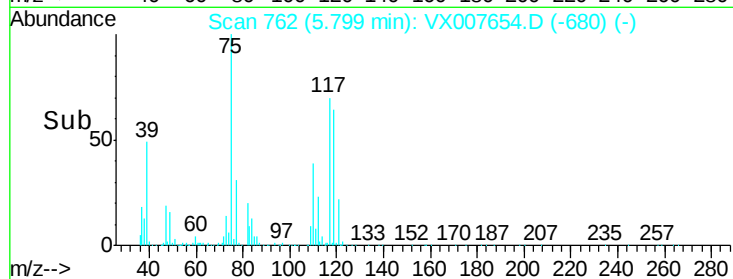
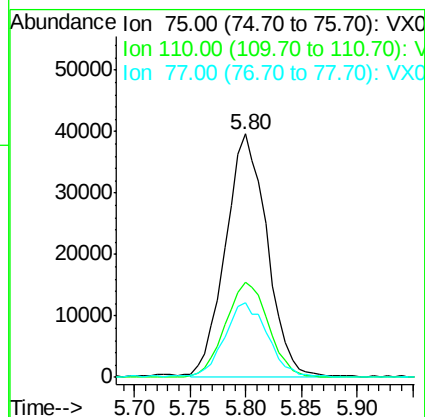
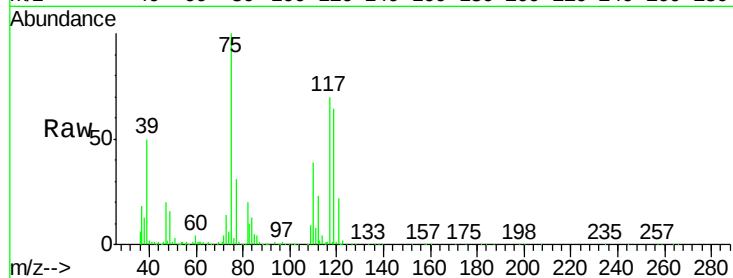
Tot Ion: 75 Resp: 102903

Ion Ratio Lower Upper

75 100

110 40.1 0.0 80.8

77 31.9 0.0 62.4



#30

2-Butanone

Concen: 103.392 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

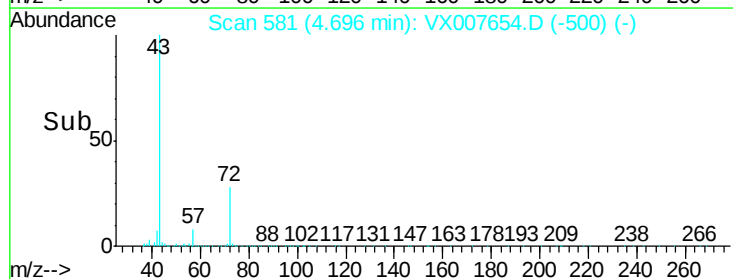
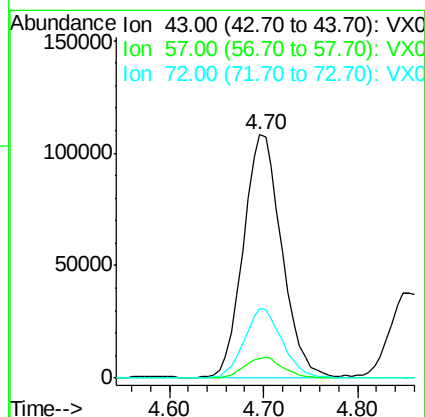
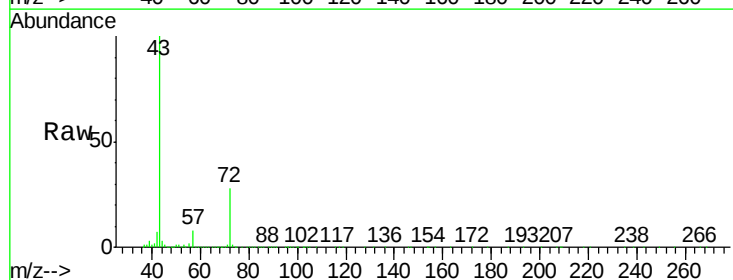
Tgt Ion: 43 Resp: 307686

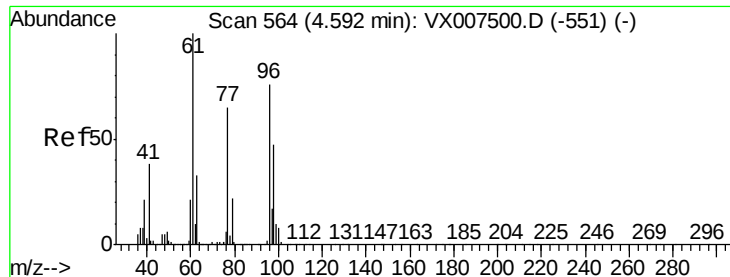
Ion Ratio Lower Upper

43 100

57 8.6 7.0 10.6

72 27.9 21.5 32.3





#31

2,2-Dichloropropane

Concen: 23.702 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

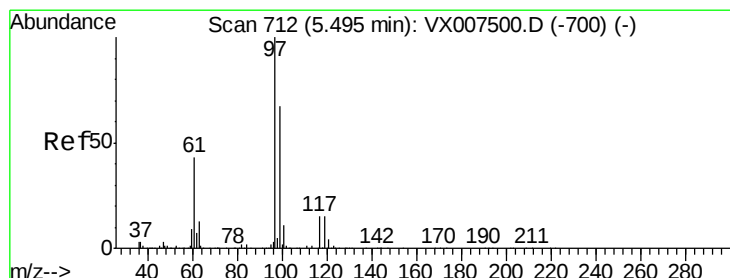
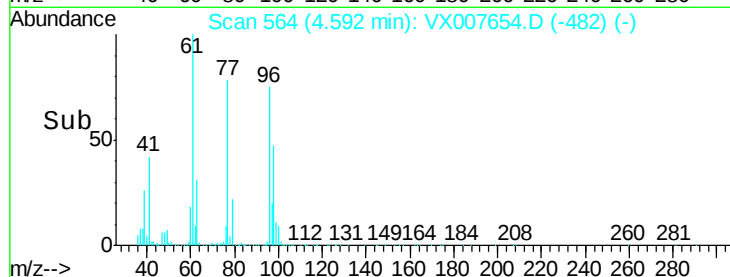
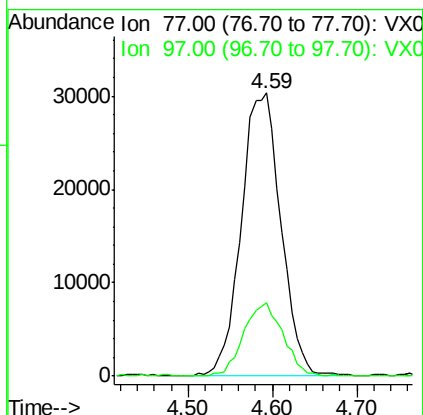
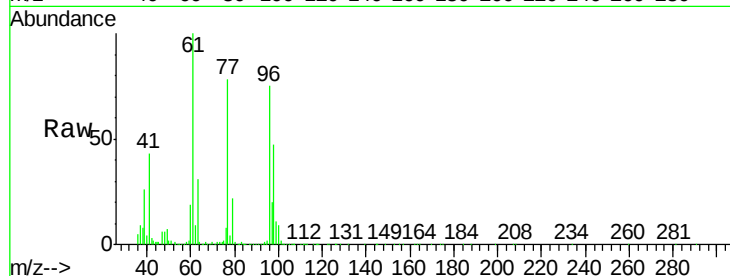
VX0222WBSD01

Tot Ion: 77 Resp: 96838

Ion Ratio Lower Upper

77 100

97 25.5 20.6 31.0



#32

1,1,1-Trichloroethane

Concen: 20.877 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

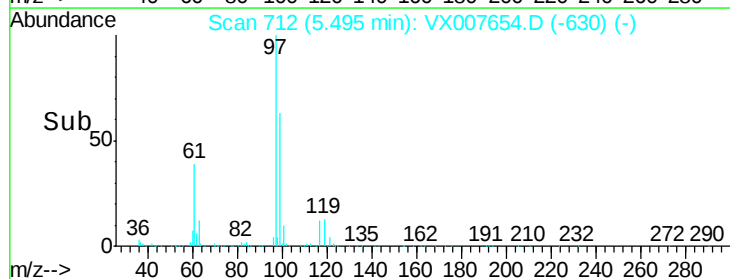
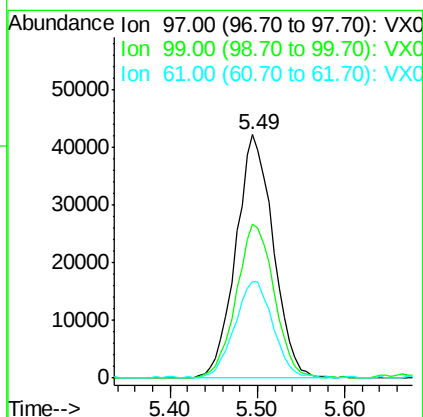
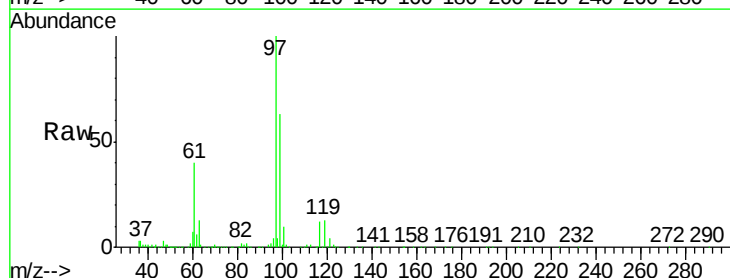
Tgt Ion: 97 Resp: 125481

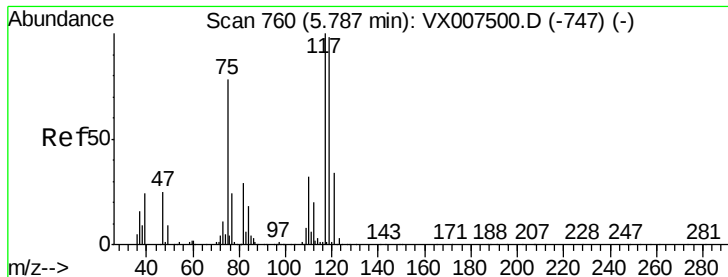
Ion Ratio Lower Upper

97 100

99 64.3 51.7 77.5

61 40.1 32.8 49.2





#33

Carbon Tetrachloride

Concen: 20.258 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

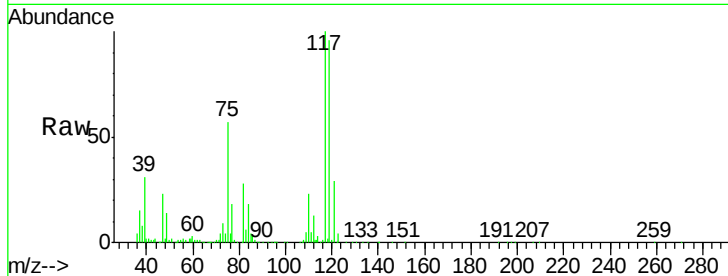
Tot Ion:117 Resp: 107638

Ion Ratio Lower Upper

117 100

119 96.0 78.1 117.1

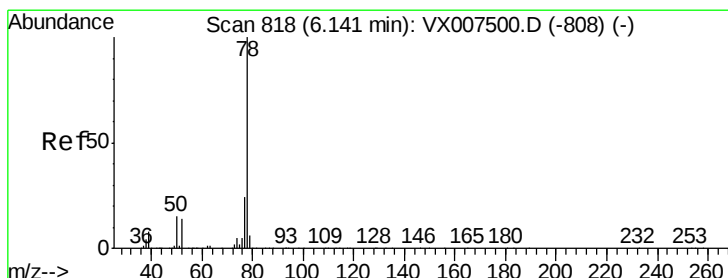
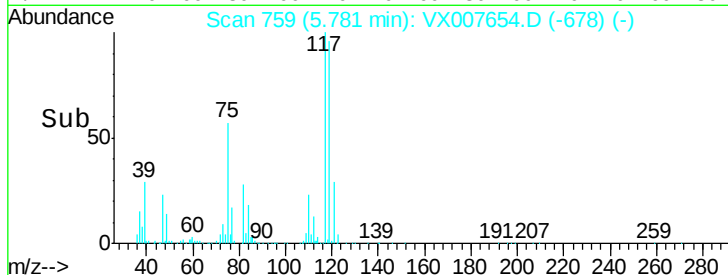
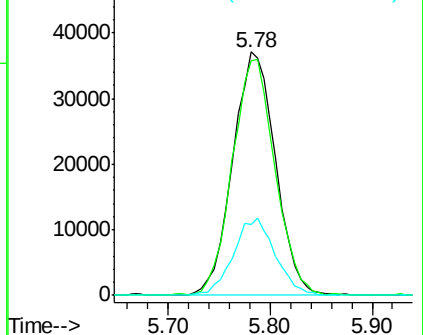
121 29.1 27.0 40.6



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: 20.170 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

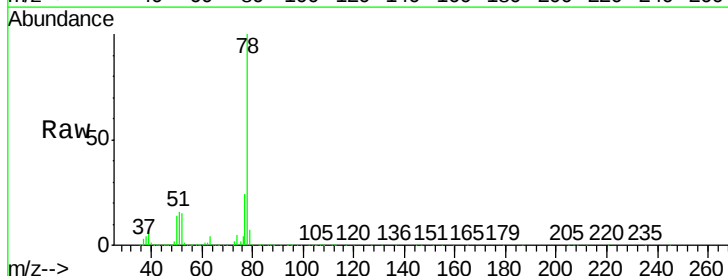
Tgt Ion: 78 Resp: 319745

Ion Ratio Lower Upper

78 100

77 24.3 19.1 28.7

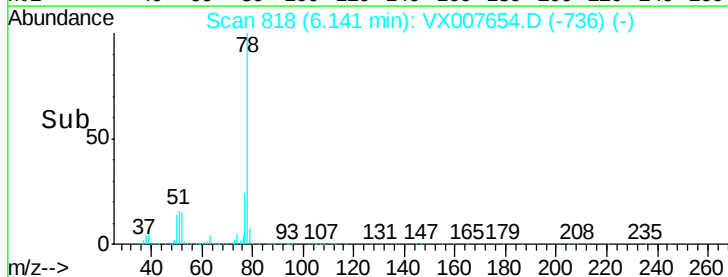
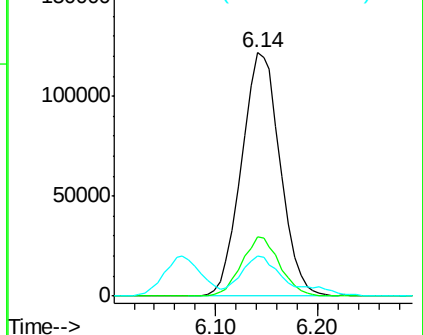
51 14.9 10.8 16.2

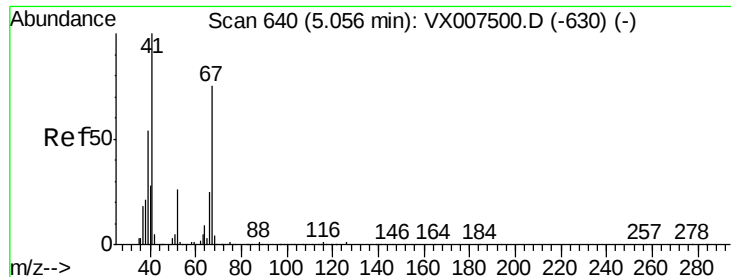


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

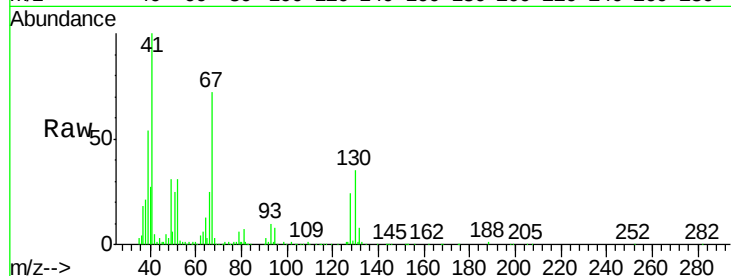




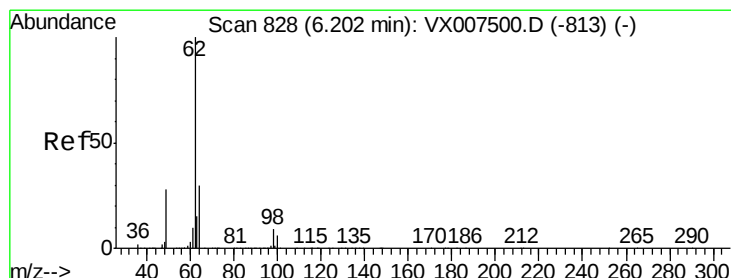
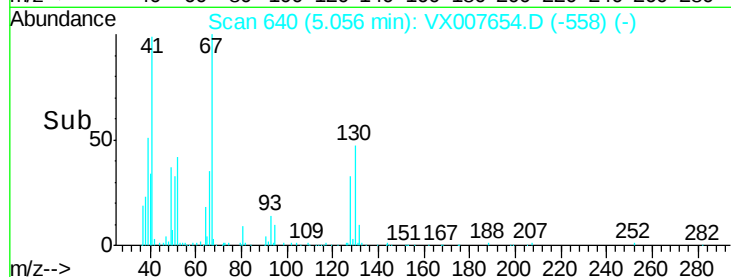
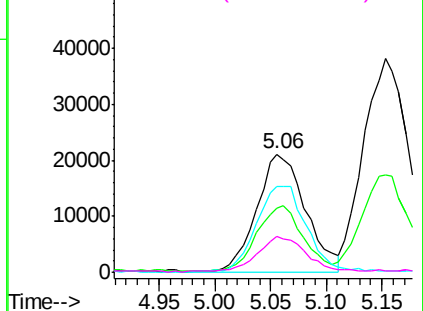
#35
Methacrylonitrile
Concen: 20.652 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBSD01

Tot Ion:	41	Resp:	63900
Ion	Ratio	Lower	Upper
41	100		
39	53.7	27.4	82.0
67	72.2	37.9	113.6
52	30.2	13.3	39.9

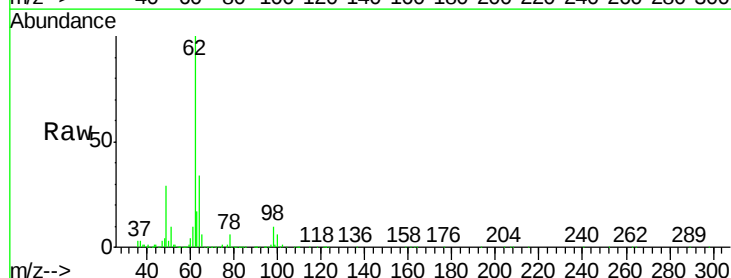


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

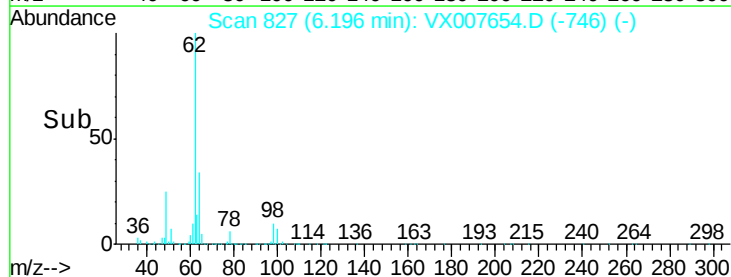
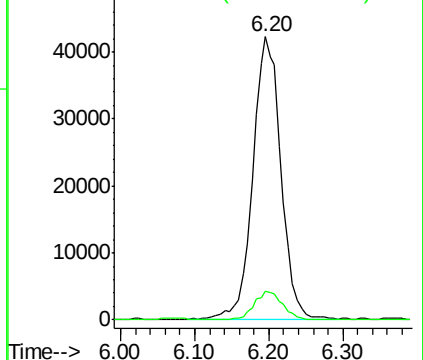


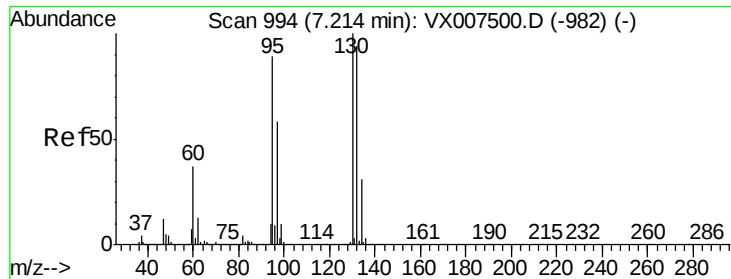
#36
1,2-Dichloroethane
Concen: 20.735 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.01 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Tgt Ion:	62	Resp:	111865
Ion	Ratio	Lower	Upper
62	100		
98	10.2	7.8	11.8



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





#37

Trichloroethene

Concen: 20.876 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

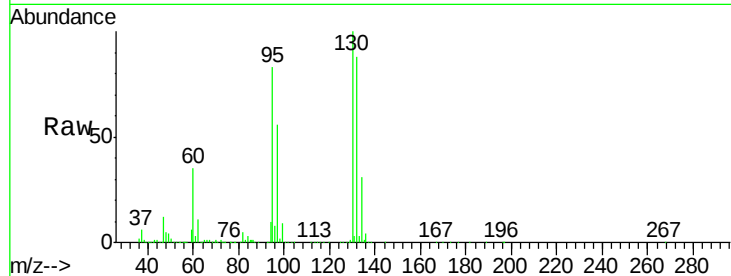
VX0222WBSD01

Tot Ion:130 Resp: 95150

Ion Ratio Lower Upper

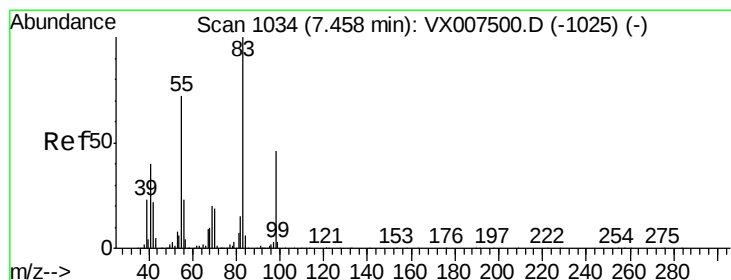
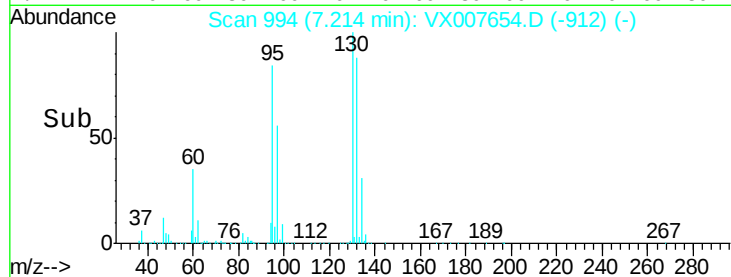
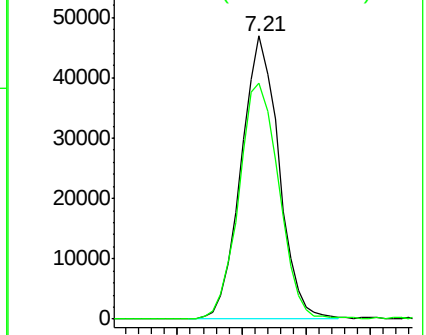
130 100

95 83.3 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 21.266 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

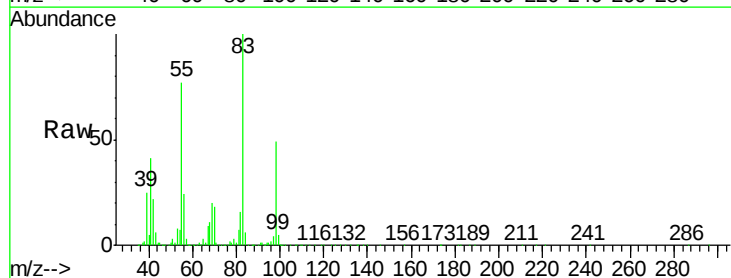
Tgt Ion: 83 Resp: 123791

Ion Ratio Lower Upper

83 100

55 72.5 36.0 108.0

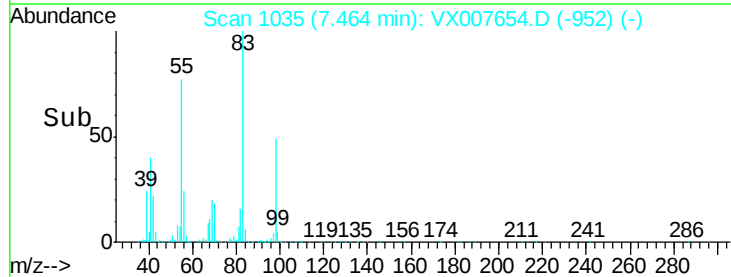
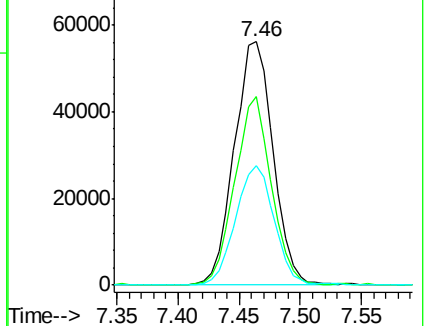
98 48.6 23.8 71.4

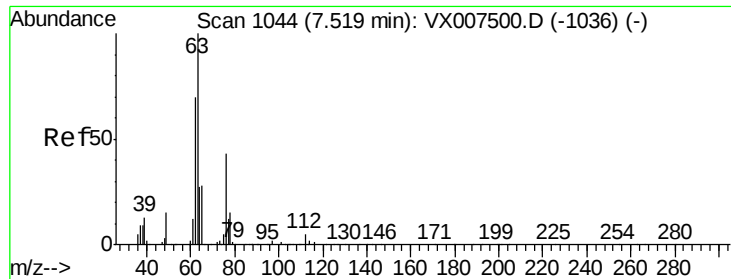


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

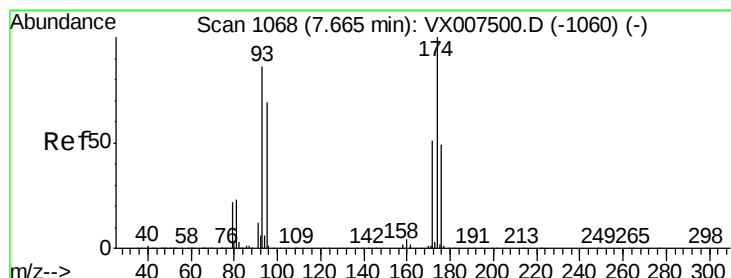
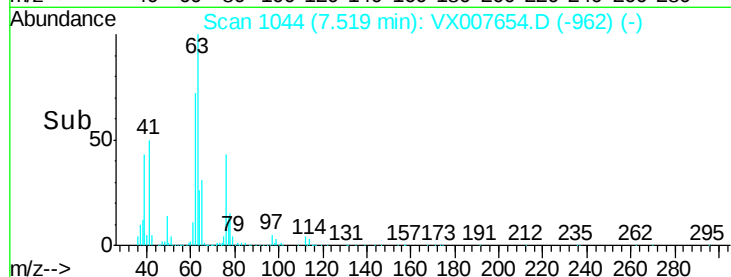
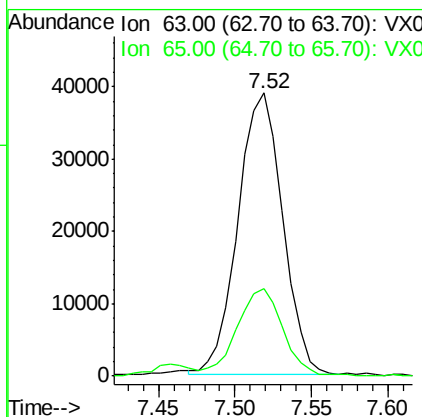
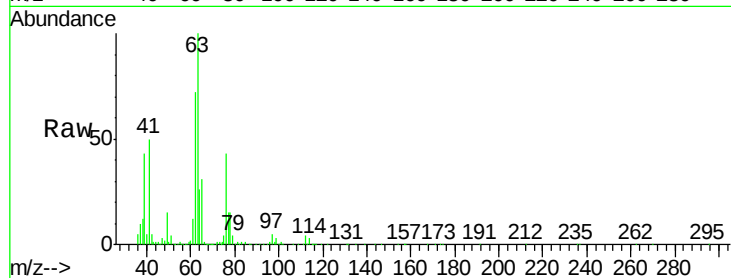




#39
 1,2-Dichloropropane
 Concen: 19.952 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

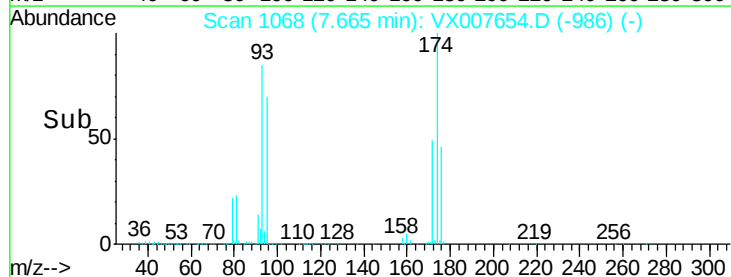
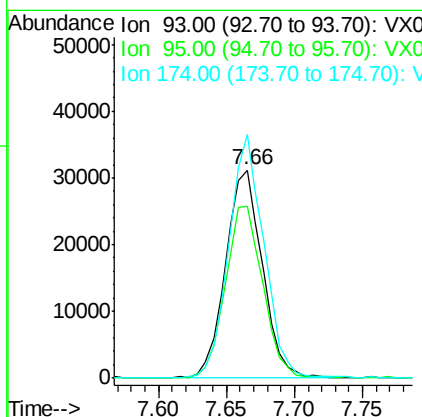
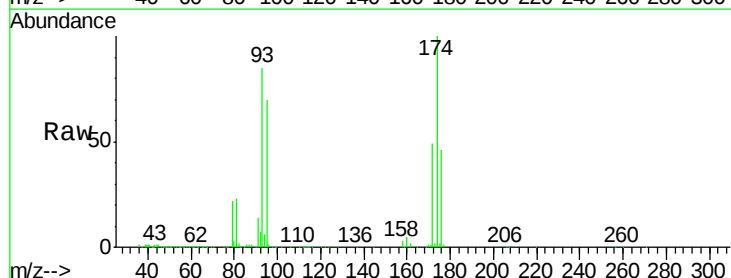
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBSD01

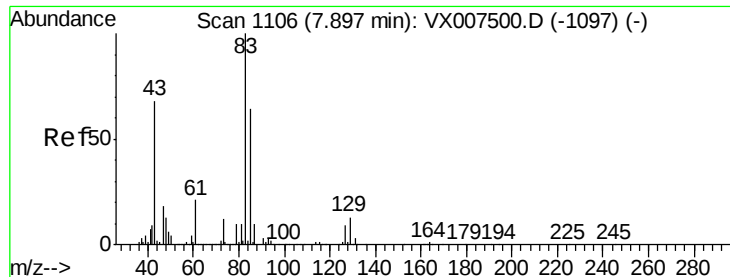
Tot Ion: 63 Resp: 78672
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.6 37.0



#40
 Dibromomethane
 Concen: 20.397 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Tgt Ion: 93 Resp: 58087
 Ion Ratio Lower Upper
 93 100
 95 84.7 0.0 158.8
 174 112.5 0.0 224.2





#41

Bromodichloromethane

Concen: 20.236 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

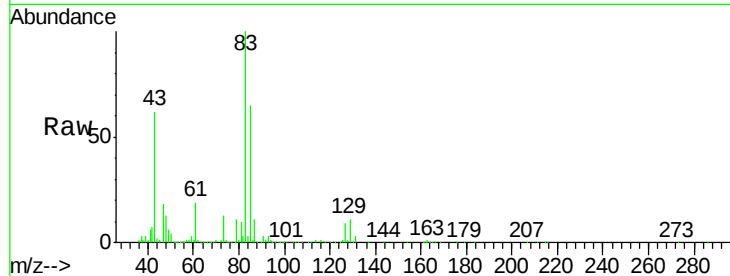
Tot Ion: 83 Resp: 102271

Ion Ratio Lower Upper

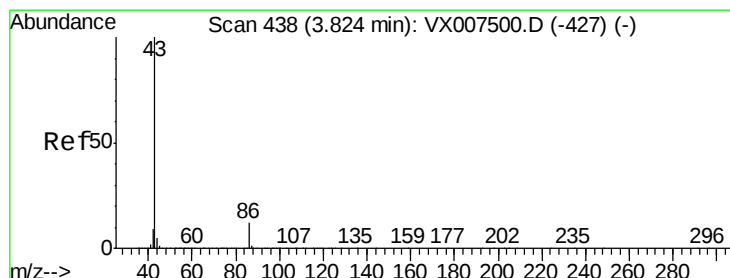
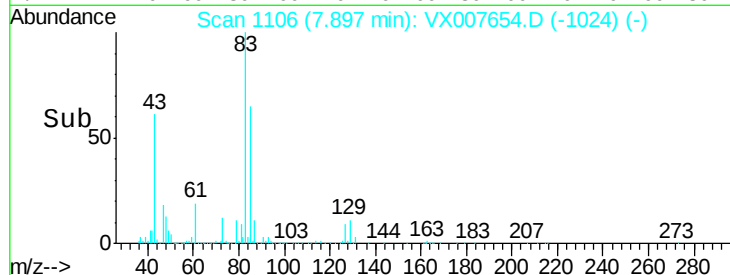
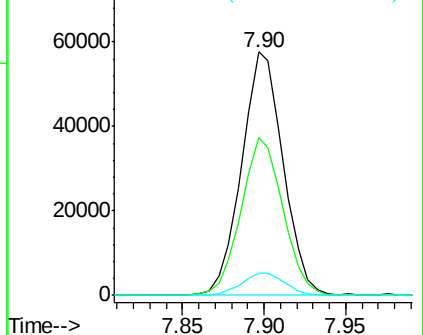
83 100

85 64.7 51.1 76.7

127 9.3 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 100.263 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007654.D

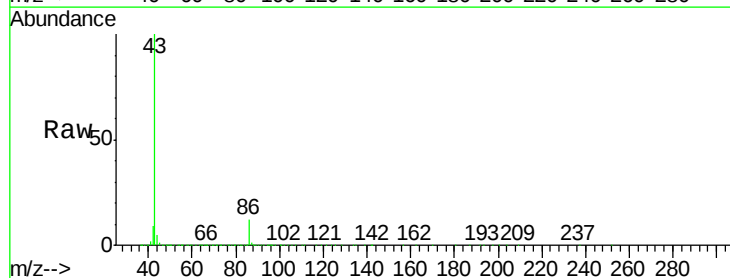
Acq: 22 Feb 2019 12:43

Tgt Ion: 43 Resp: 1044385

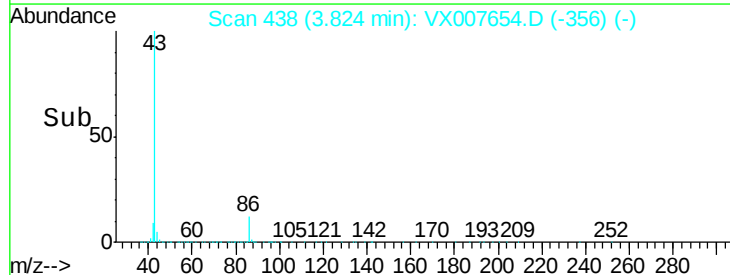
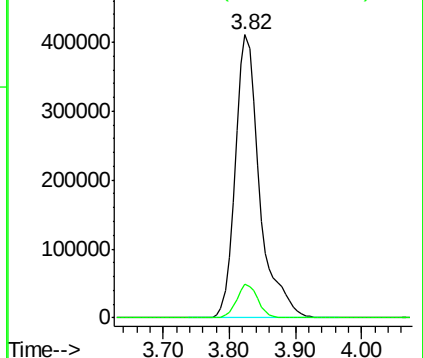
Ion Ratio Lower Upper

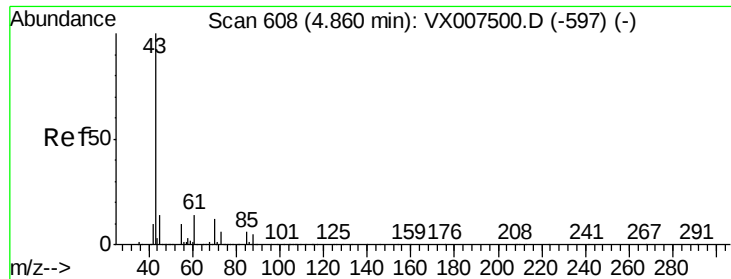
43 100

86 10.4 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

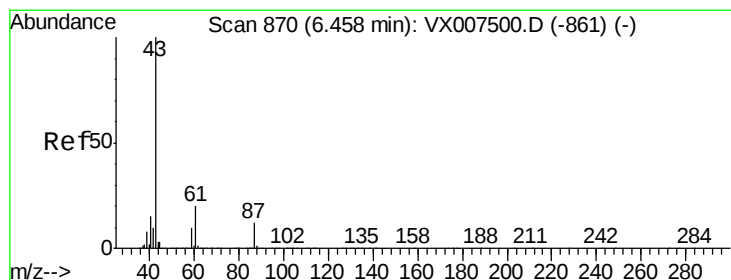
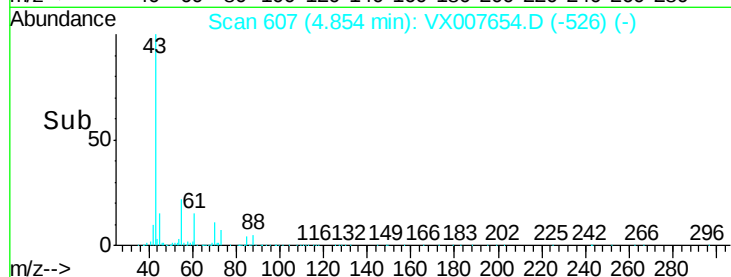
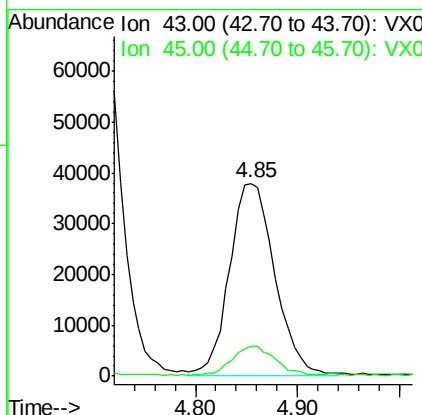
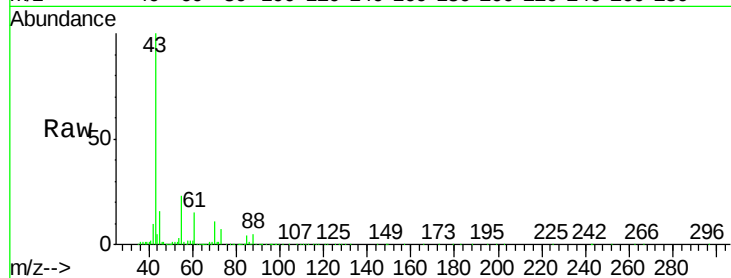




#43
Ethyl Acetate
Concen: 20.309 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

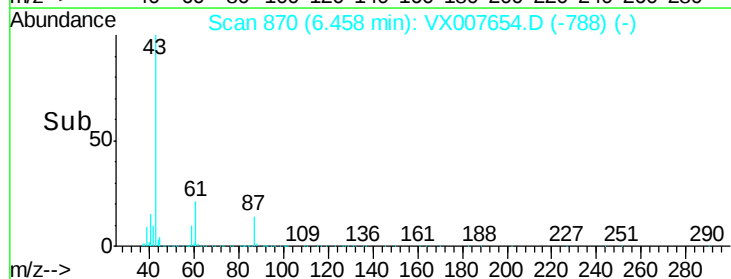
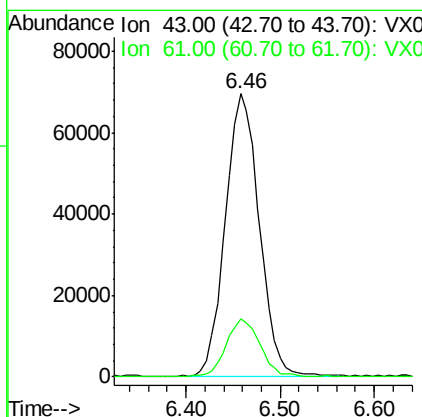
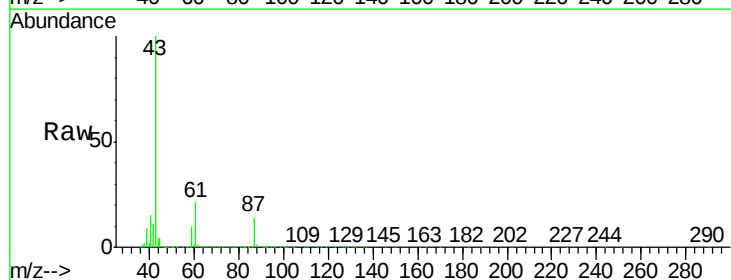
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBSD01

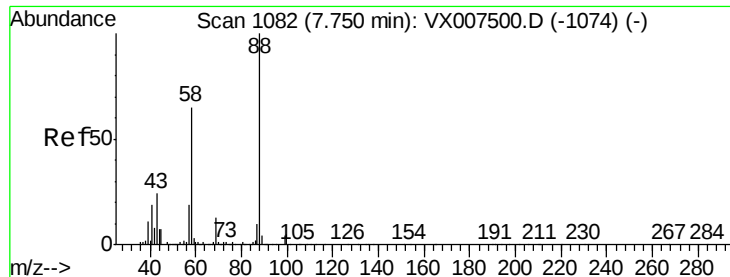
Tot Ion: 43 Resp: 115741
Ion Ratio Lower Upper
43 100
45 13.8 6.9 10.3#



#44
Isopropyl Acetate
Concen: 19.788 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Tgt Ion: 43 Resp: 174112
Ion Ratio Lower Upper
43 100
61 20.6 16.1 24.1





#45

1,4-Dioxane

Concen: 362.116 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

Tot Ion: 88 Resp: 37604

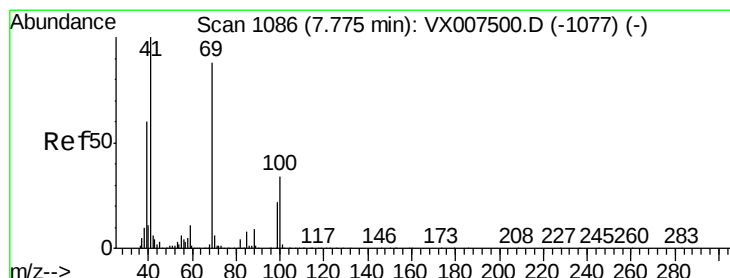
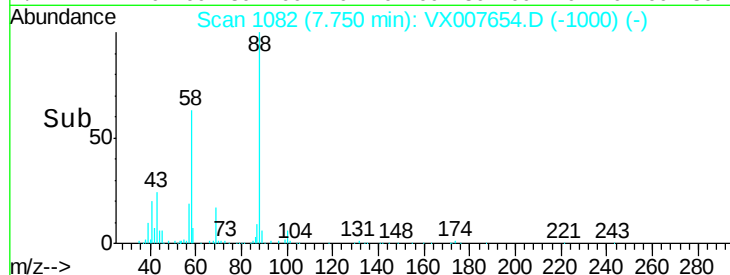
Ion	Ratio	Lower	Upper
88	100		
43	29.2	23.6	35.4
58	65.8	51.6	77.4



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: 20.469 ug/l

RT: 7.77 min Scan# 1086

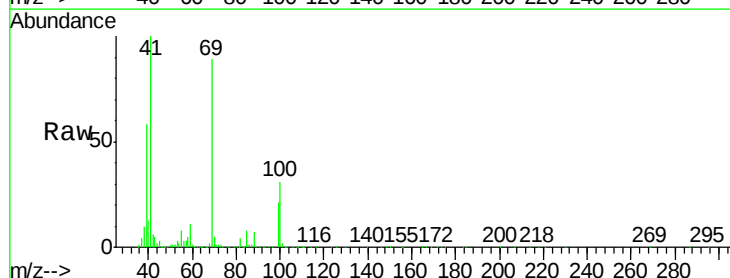
Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Tgt Ion: 41 Resp: 91205

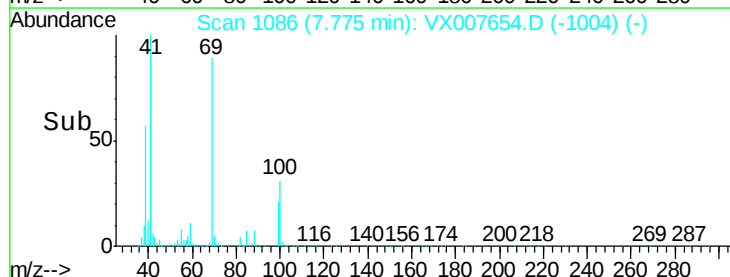
Ion	Ratio	Lower	Upper
41	100		
69	89.1	44.2	132.6
39	57.5	29.9	89.8

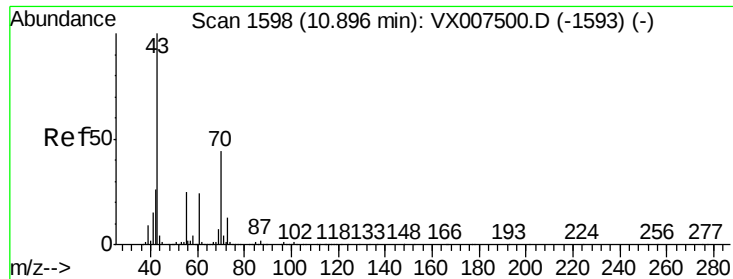


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 19.757 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

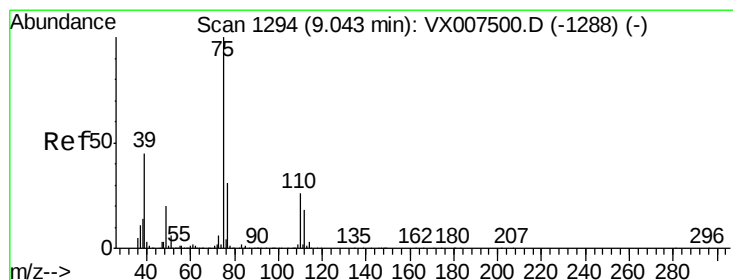
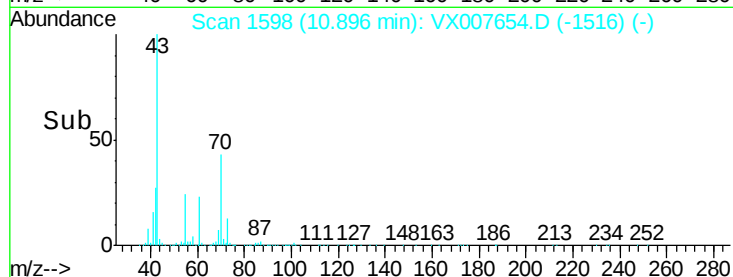
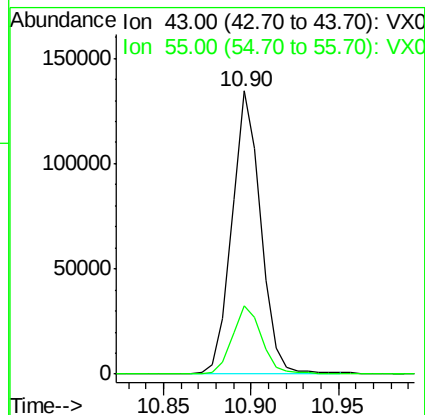
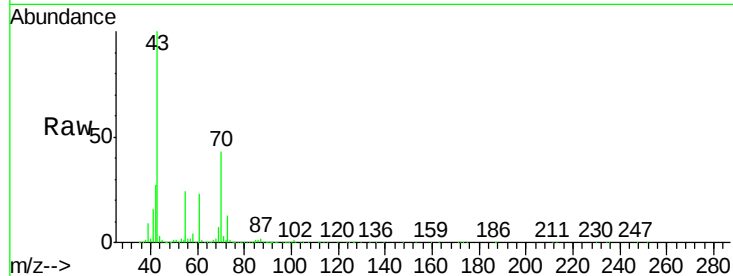
VX0222WBSD01

Tot Ion: 43 Resp: 153227

Ion Ratio Lower Upper

43 100

55 25.1 20.8 31.2



#48

t-1,3-Dichloropropene

Concen: 20.062 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007654.D

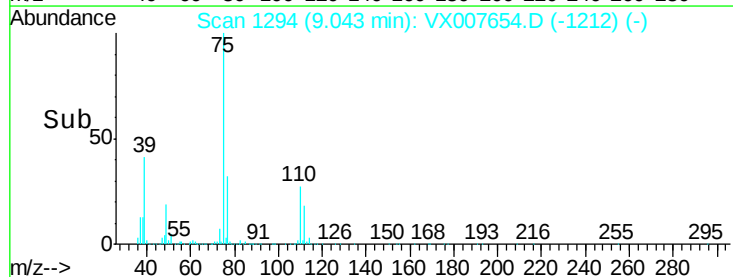
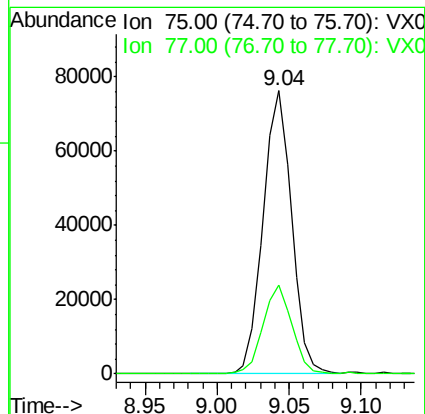
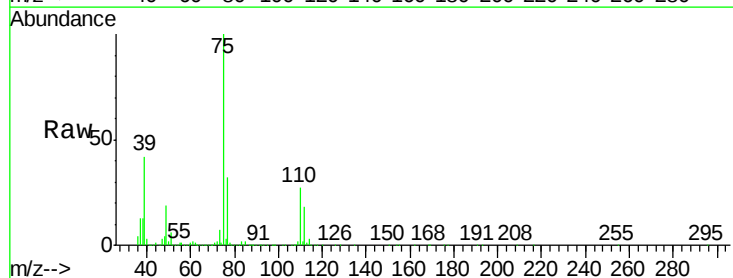
Acq: 22 Feb 2019 12:43

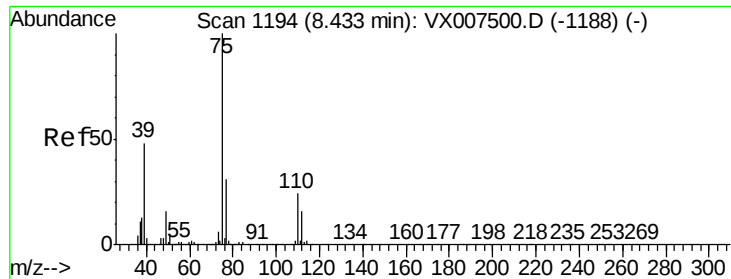
Tgt Ion: 75 Resp: 104668

Ion Ratio Lower Upper

75 100

77 31.4 24.5 36.7



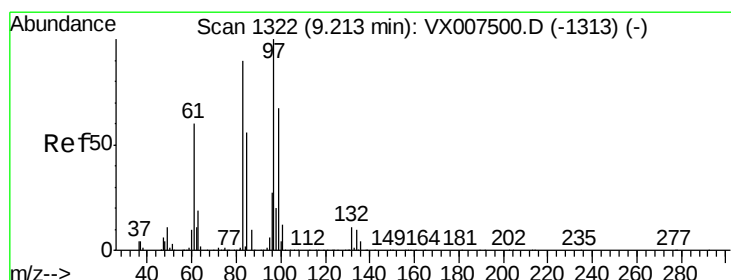
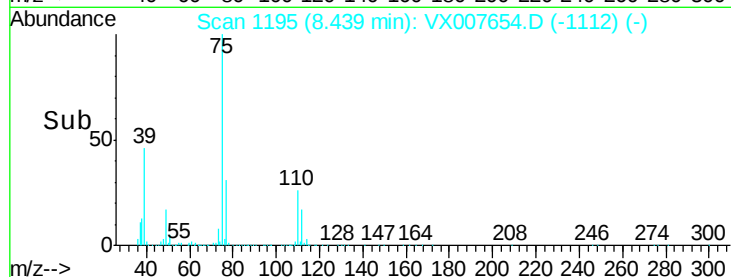
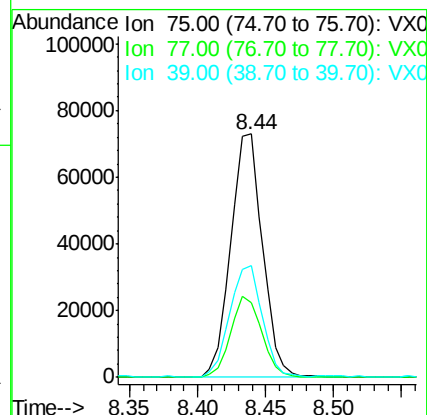
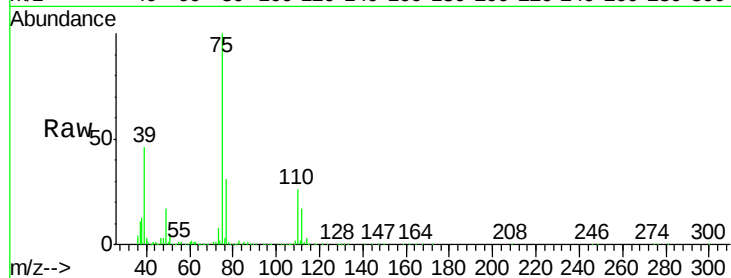


#49

cis-1,3-Dichloropropene
 Concen: 20.450 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBSD01

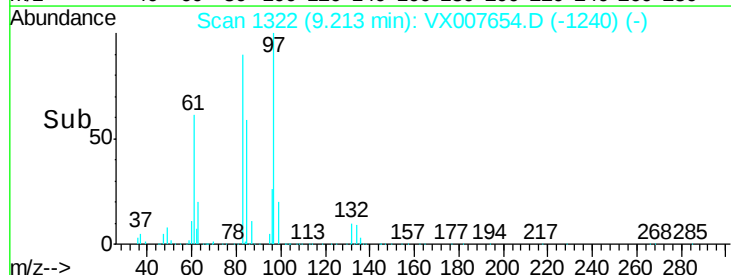
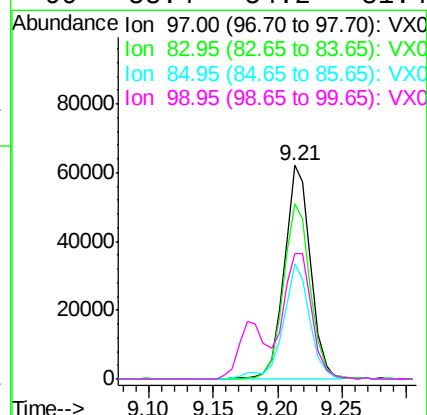
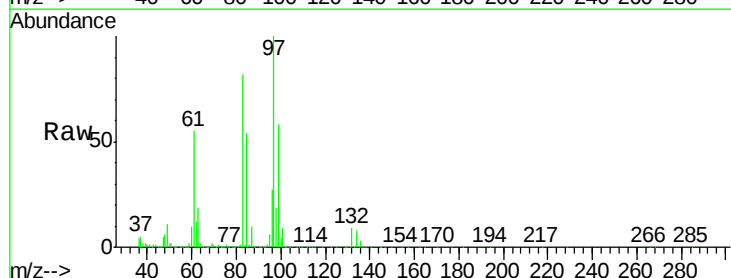
Tot Ion:	75	Resp:	118807
Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.0	37.4
39	45.9	38.5	57.7

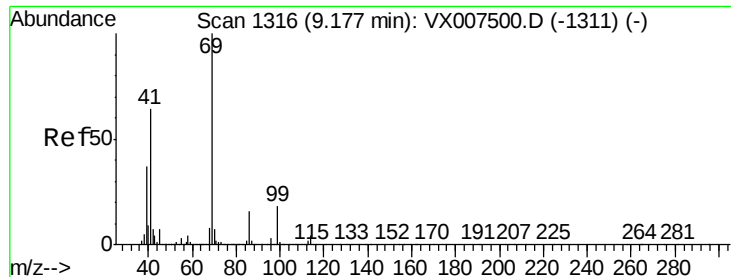


#50

1,1,2-Trichloroethane
 Concen: 21.290 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Tgt Ion:	97	Resp:	88403
Ion	Ratio	Lower	Upper
97	100		
83	81.6	72.0	108.0
85	53.7	45.0	67.6
99	58.4	54.2	81.4





#51

Ethyl methacrylate

Concen: 19.810 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

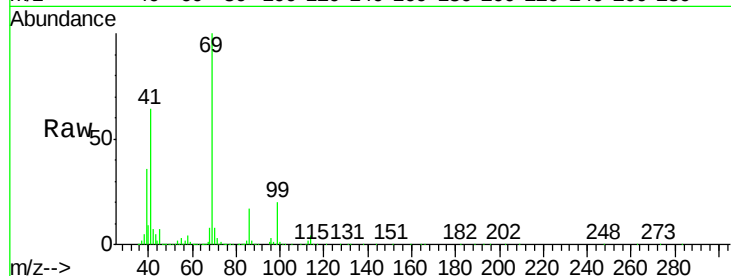
Tot Ion: 69 Resp: 119251

Ion Ratio Lower Upper

69 100

41 64.3 32.1 96.5

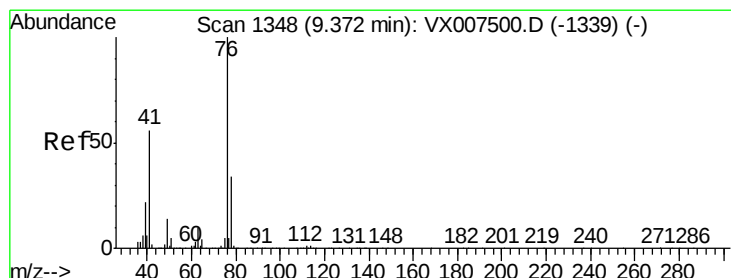
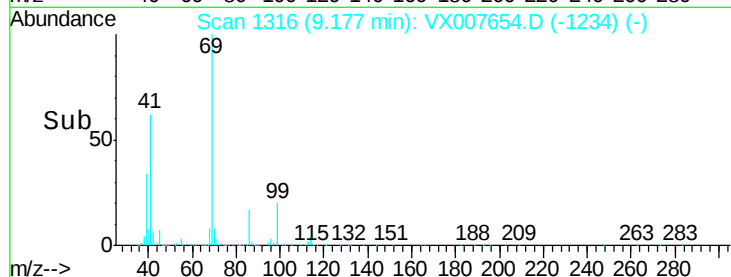
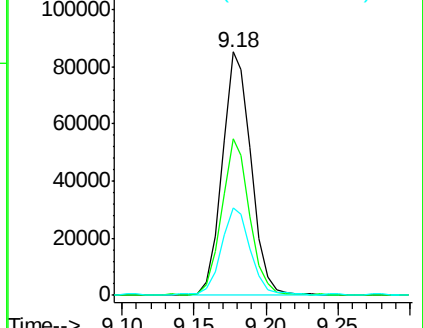
39 35.6 18.8 56.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 20.741 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007654.D

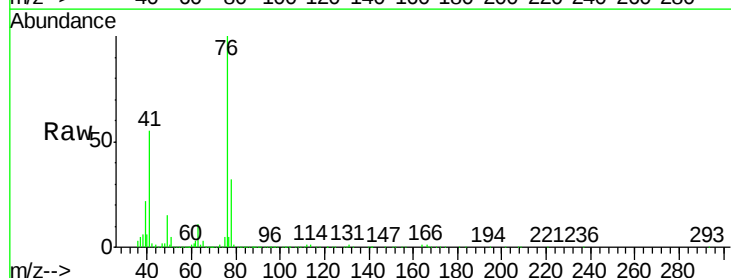
Acq: 22 Feb 2019 12:43

Tgt Ion: 76 Resp: 138922

Ion Ratio Lower Upper

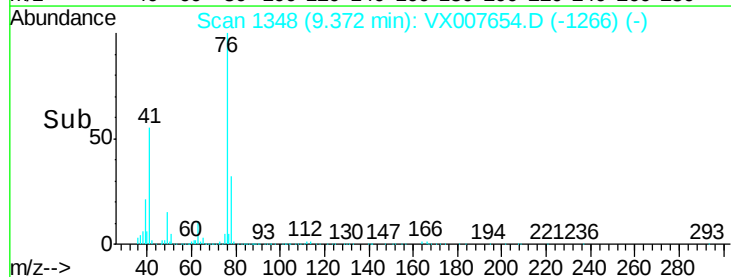
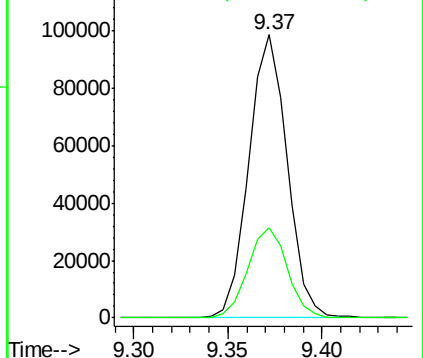
76 100

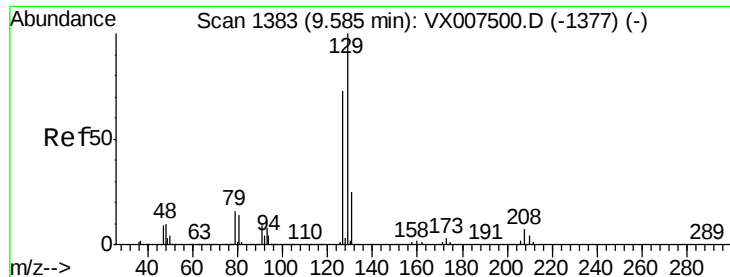
78 32.7 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 20.194 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.01 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

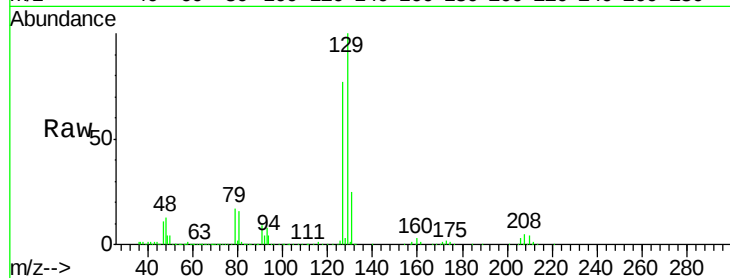
VX0222WBSD01

Tot Ion:129 Resp: 87215

Ion Ratio Lower Upper

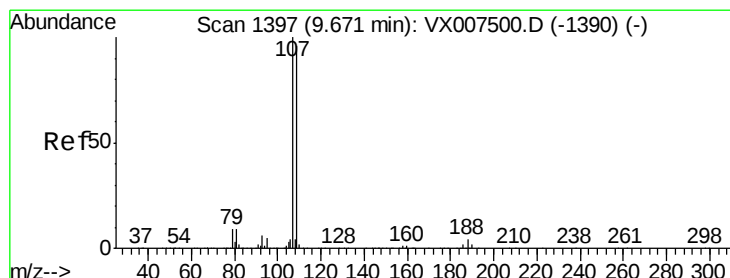
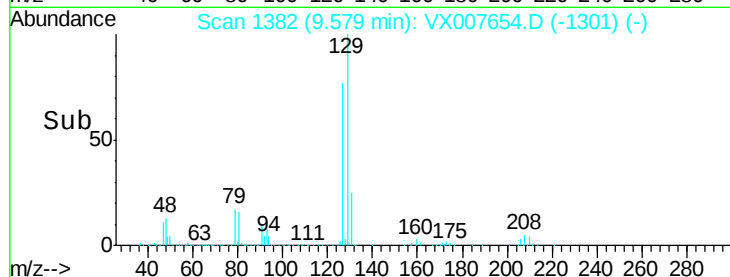
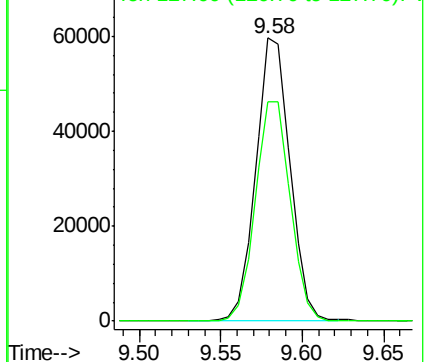
129 100

127 79.3 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.913 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007654.D

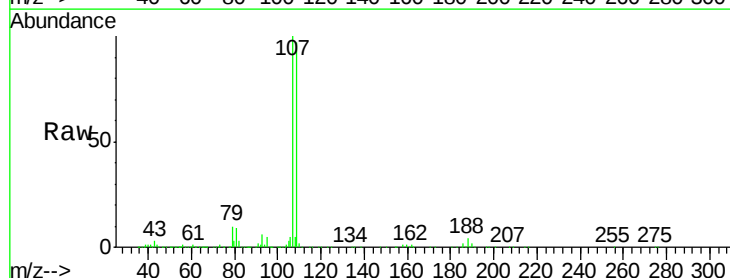
Acq: 22 Feb 2019 12:43

Tgt Ion:107 Resp: 95088

Ion Ratio Lower Upper

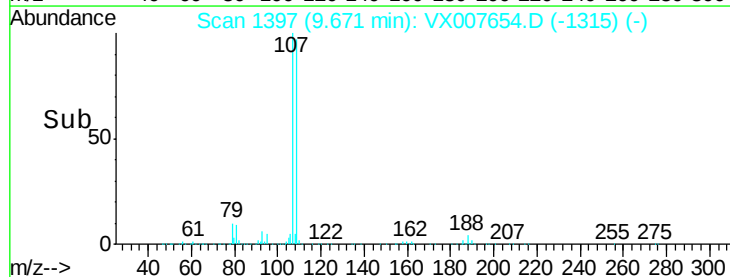
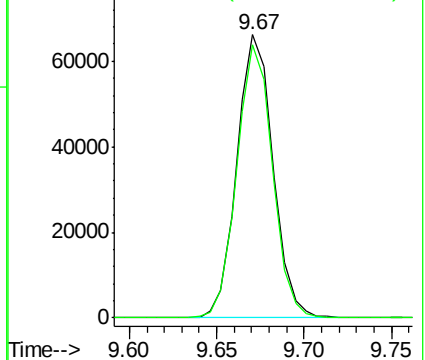
107 100

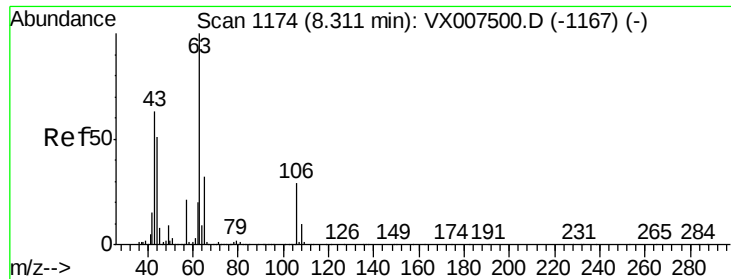
109 95.2 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 101.790 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

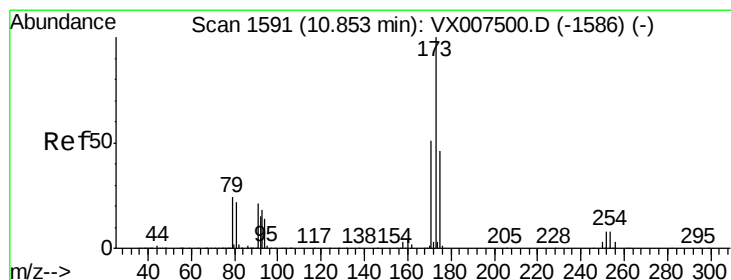
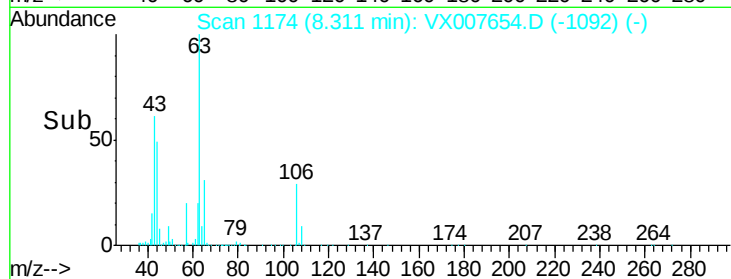
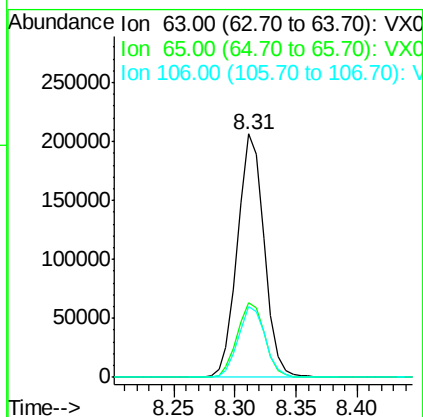
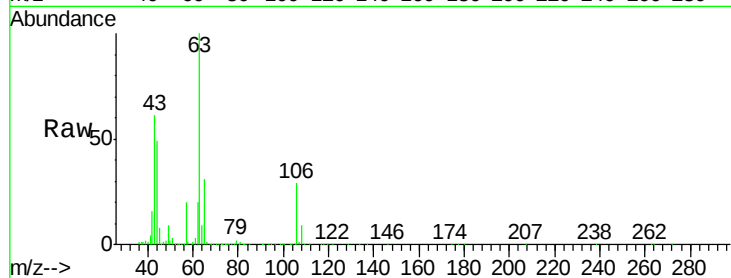
Tot Ion: 63 Resp: 311533

Ion Ratio Lower Upper

63 100

65 31.5 25.7 38.5

106 29.4 23.7 35.5



#56

Bromoform

Concen: 19.698 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

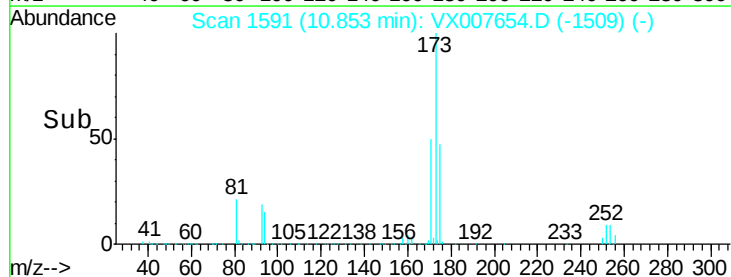
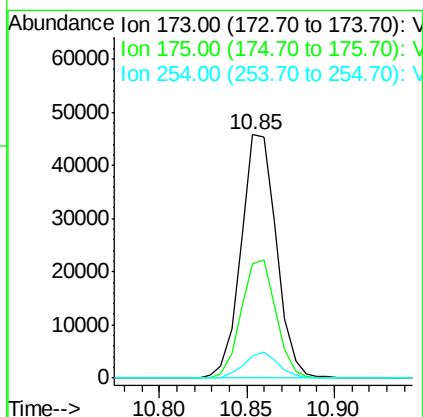
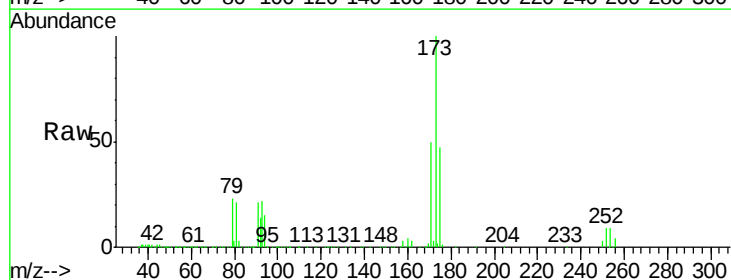
Tgt Ion:173 Resp: 64168

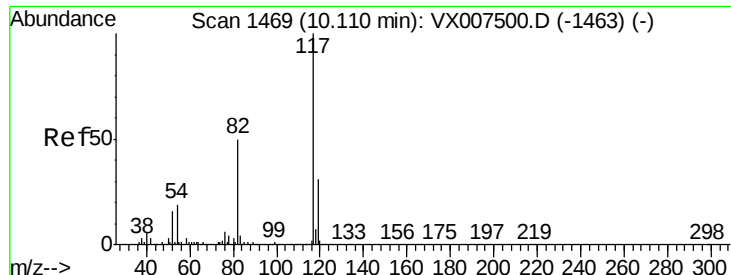
Ion Ratio Lower Upper

173 100

175 47.8 38.5 57.7

254 10.0 7.4 11.2

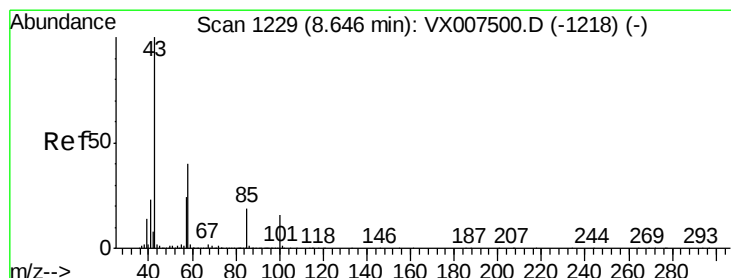
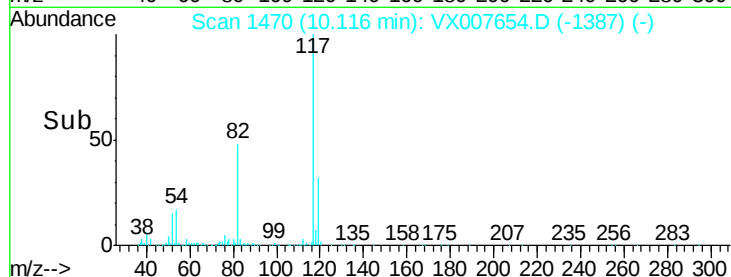
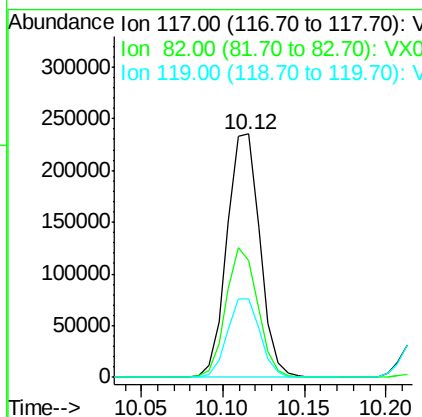
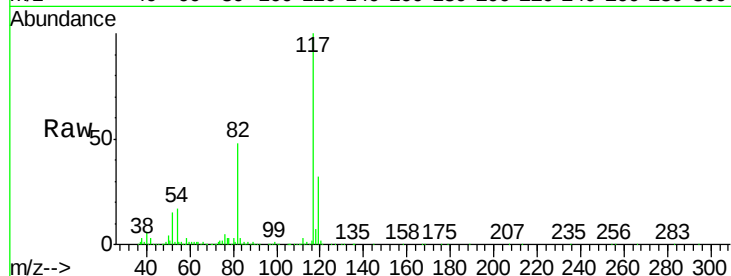




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

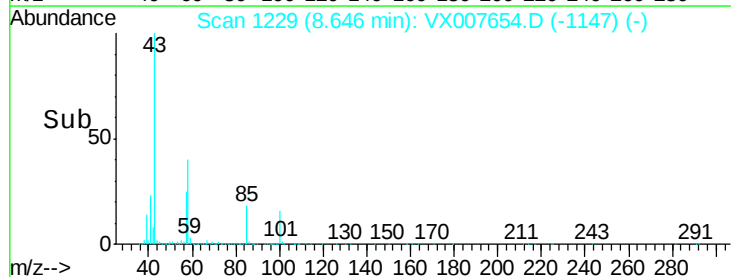
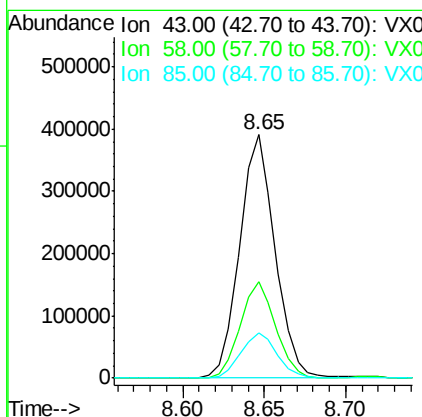
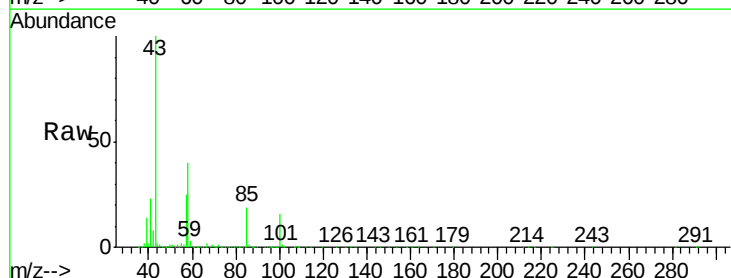
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBSD01

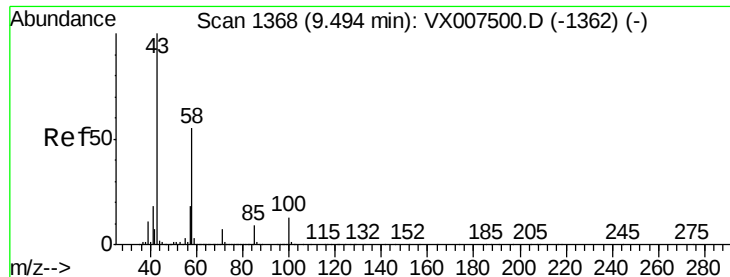
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	40.4	60.6
119	32.1	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 99.473 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.4	47.0
85	19.0	15.0	22.6

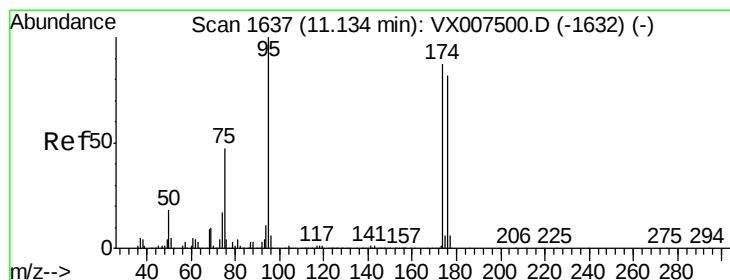
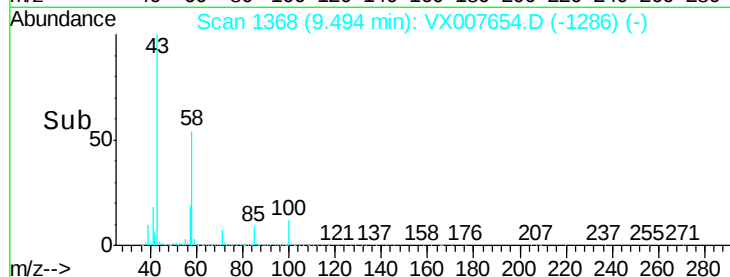
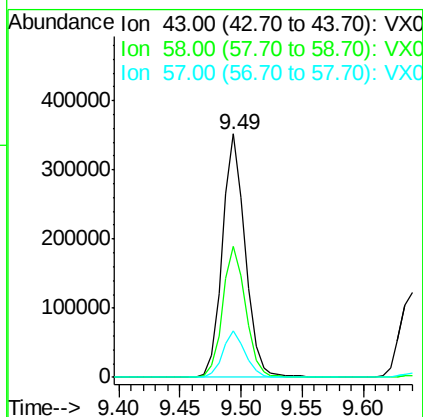
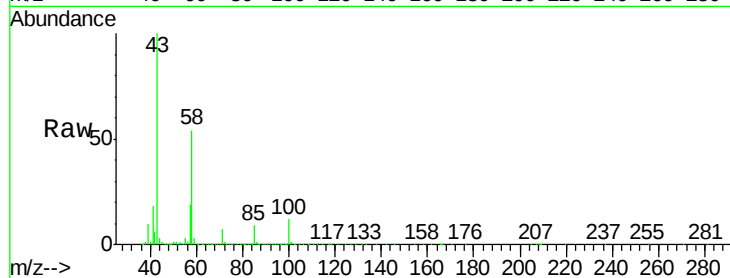




#59
2-Hexanone
Concen: 100.494 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

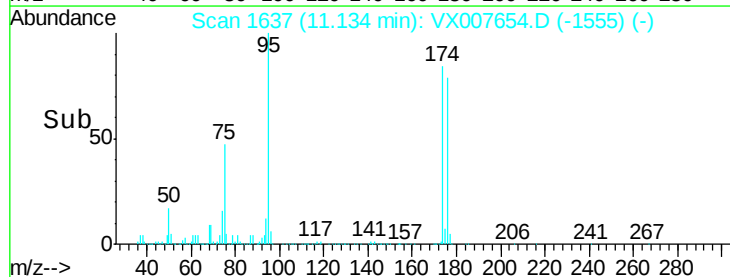
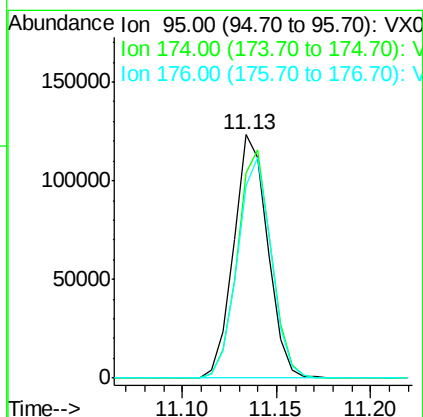
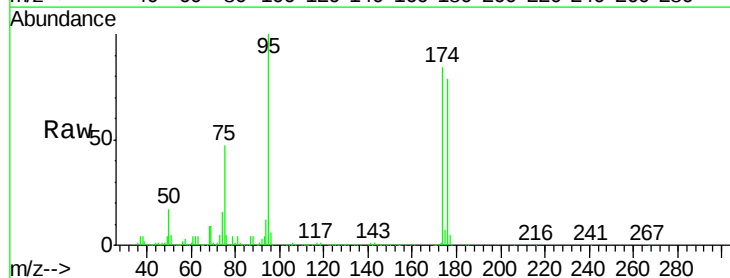
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBSD01

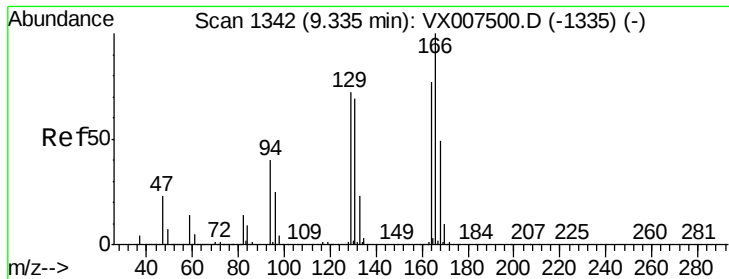
Tot Ion	Ratio	Lower	Upper
43	100		
58	54.1	43.9	65.9
57	18.4	14.9	22.3



#60
4-Bromofluorobenzene
Concen: 30.316 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.0	74.9	112.3
176	90.6	70.7	106.1

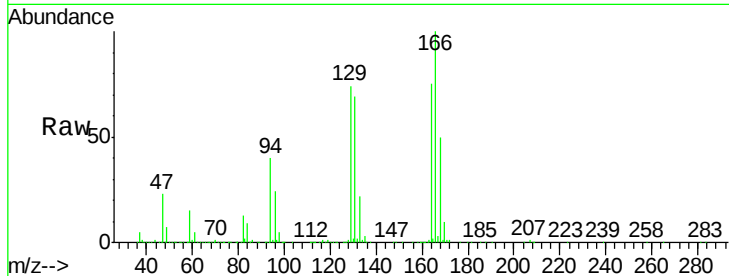




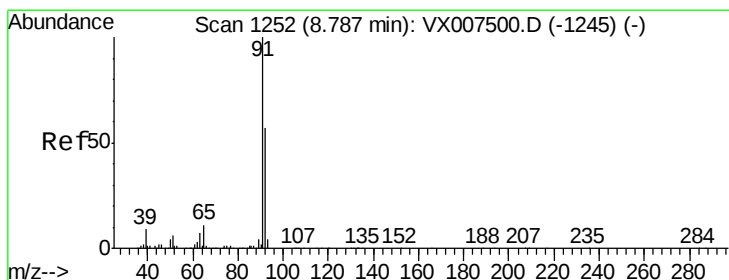
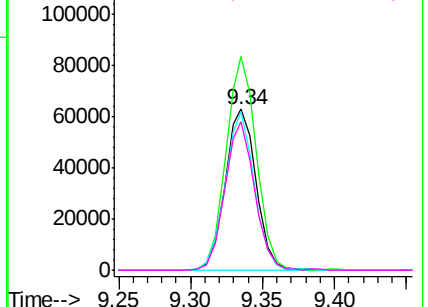
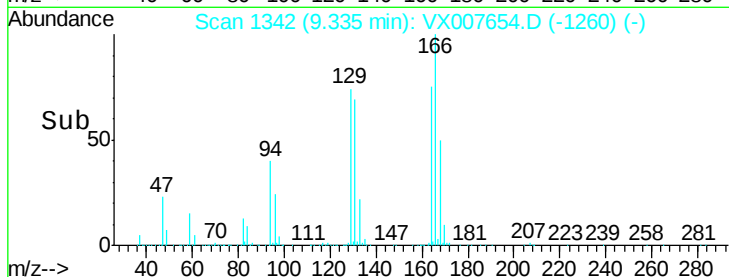
#61
Tetrachloroethene
Concen: 20.189 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBSD01

Tot Ion:164 Resp: 94648
Ion Ratio Lower Upper
164 100
166 132.9 103.9 155.9
129 98.6 74.7 112.1
131 92.2 71.7 107.5

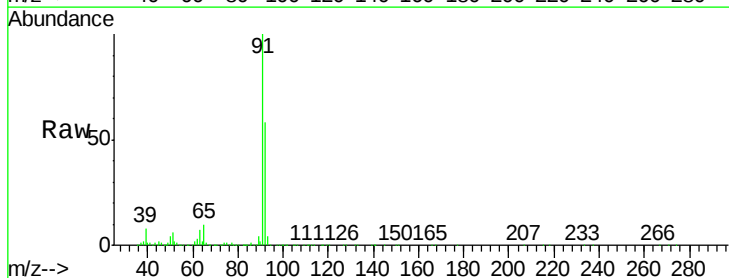


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

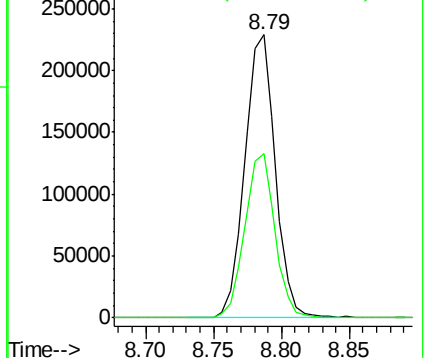
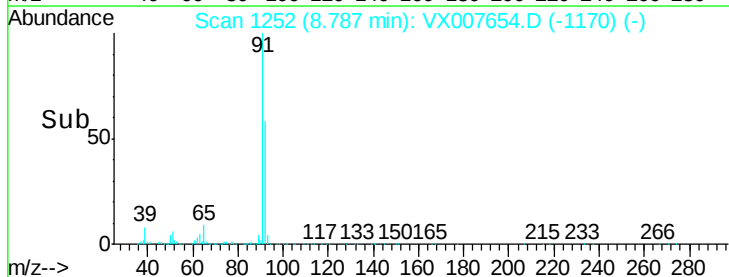


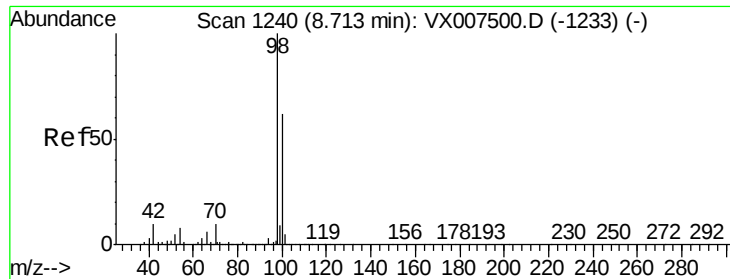
#62
Toluene
Concen: 19.892 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Tgt Ion: 91 Resp: 357765
Ion Ratio Lower Upper
91 100
92 57.6 46.4 69.6



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





#63

Toluene-d8

Concen: 30.298 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

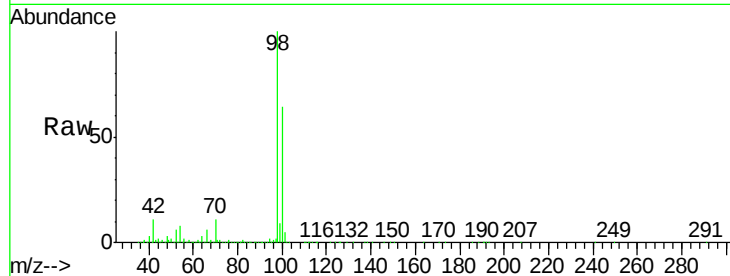
VX0222WBSD01

Tot Ion: 98 Resp: 452224

Ion Ratio Lower Upper

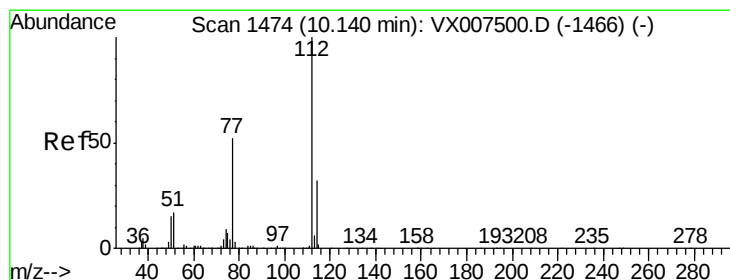
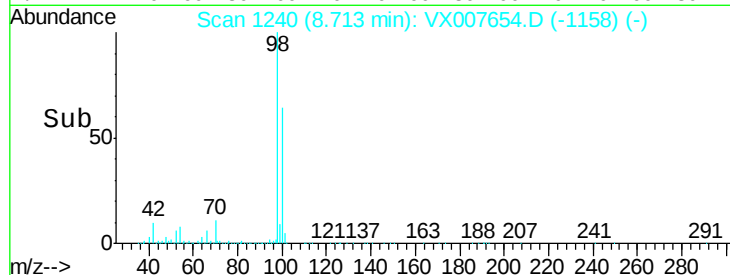
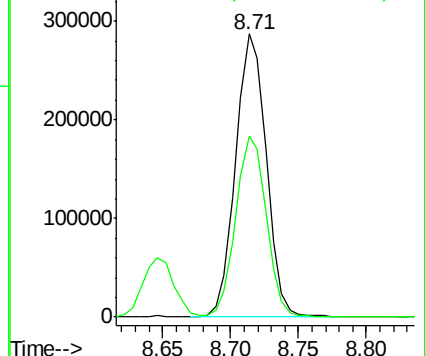
98 100

100 63.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 19.881 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007654.D

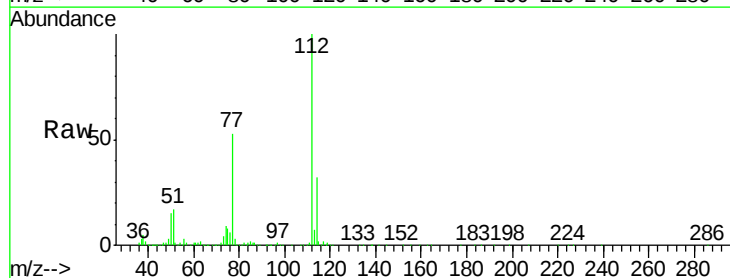
Acq: 22 Feb 2019 12:43

Tgt Ion: 112 Resp: 232364

Ion Ratio Lower Upper

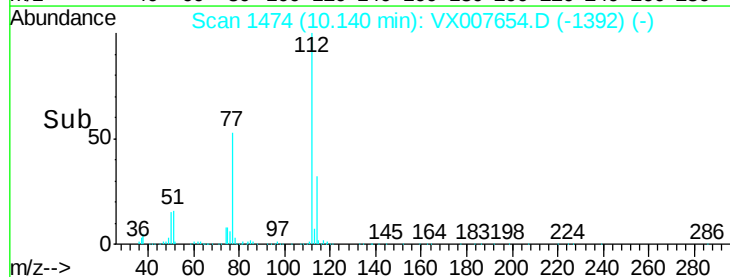
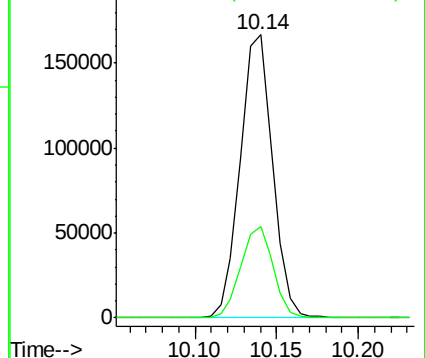
112 100

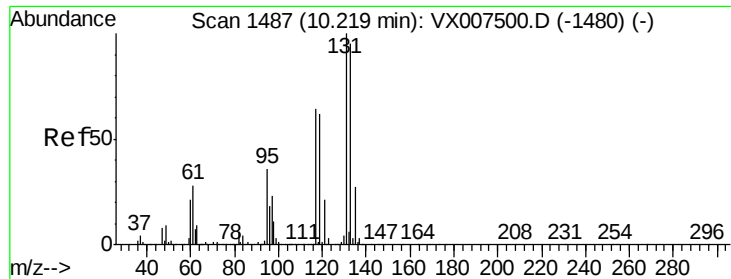
114 32.3 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 20.140 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

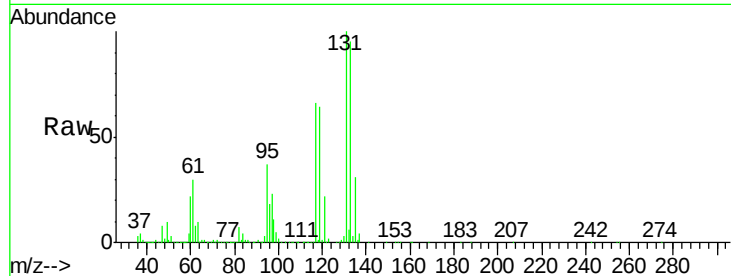
Tot Ion:131 Resp: 85259

Ion Ratio Lower Upper

131 100

133 95.4 0.0 191.6

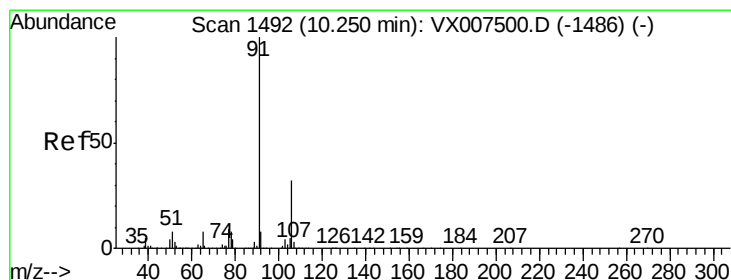
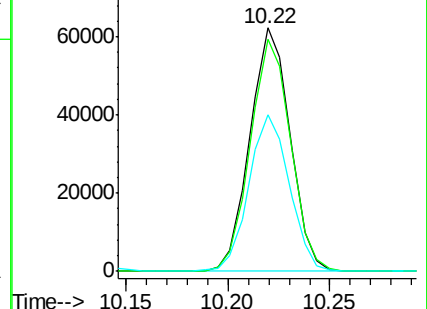
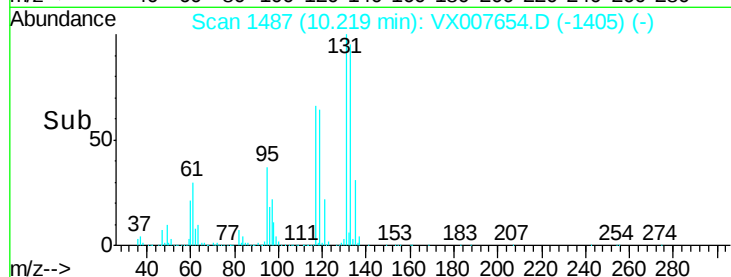
119 64.7 0.0 127.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.773 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007654.D

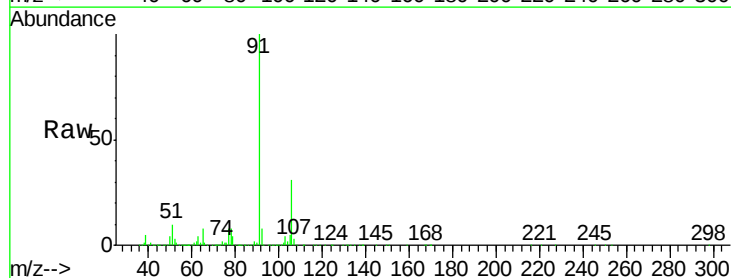
Acq: 22 Feb 2019 12:43

Tgt Ion: 91 Resp: 377376

Ion Ratio Lower Upper

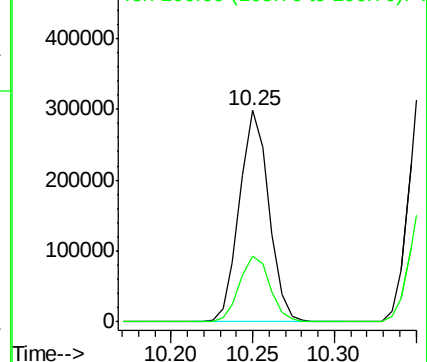
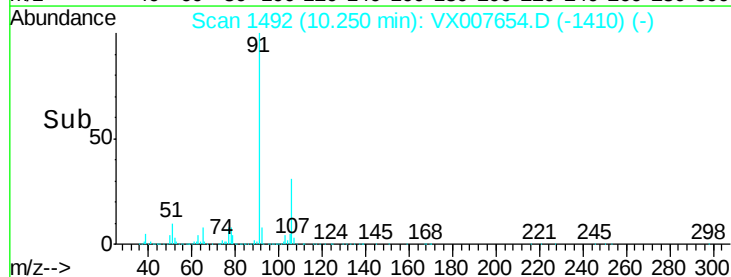
91 100

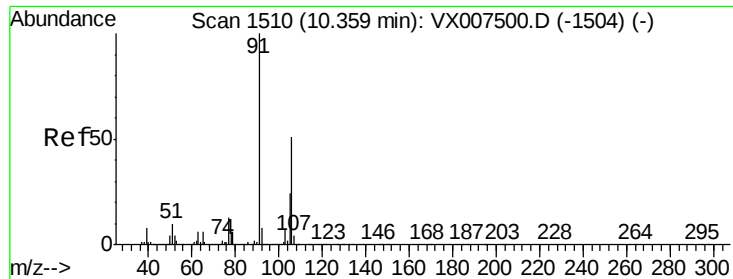
106 31.4 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 39.172 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

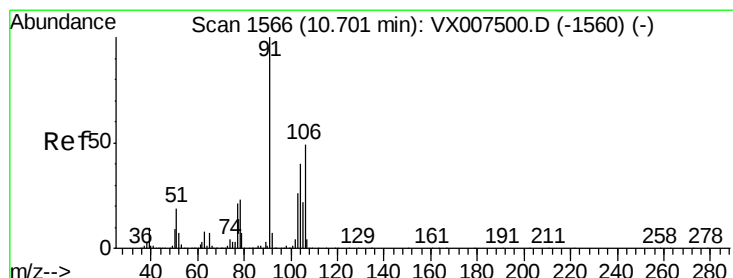
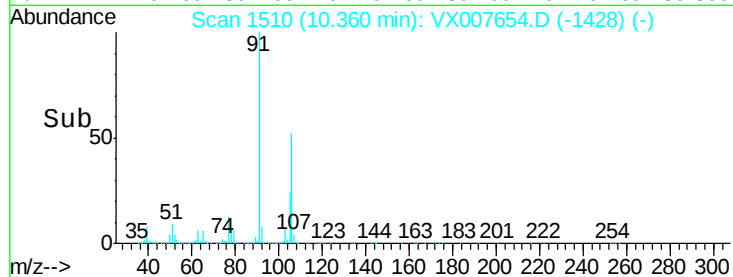
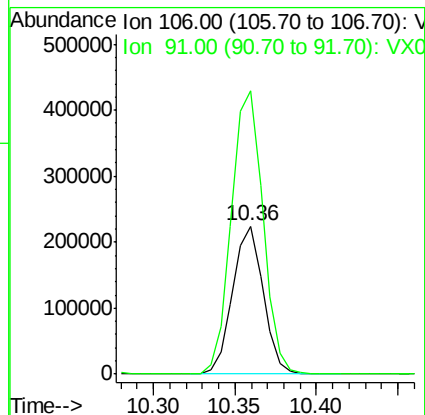
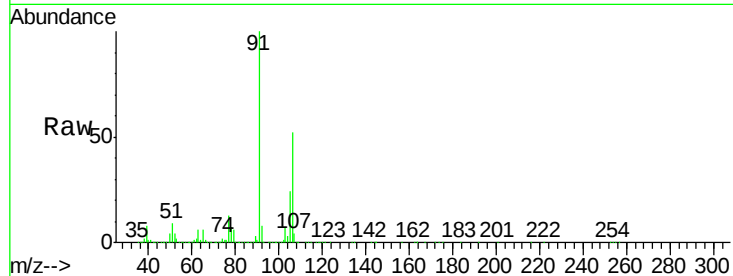
VX0222WBSD01

Tot Ion:106 Resp: 293236

Ion Ratio Lower Upper

106 100

91 197.4 157.0 235.4



#68

o-Xylene

Concen: 19.883 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VX007654.D

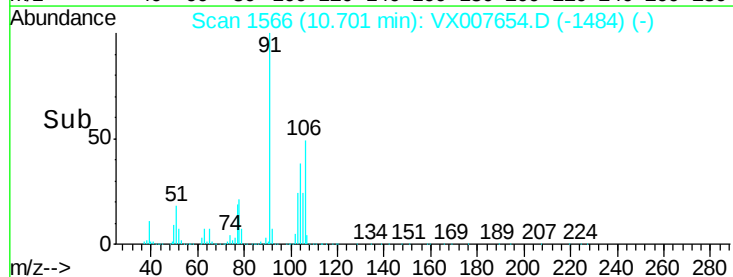
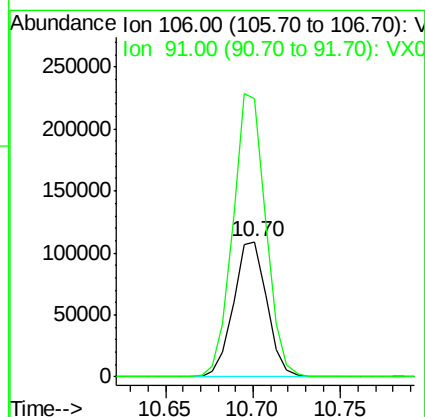
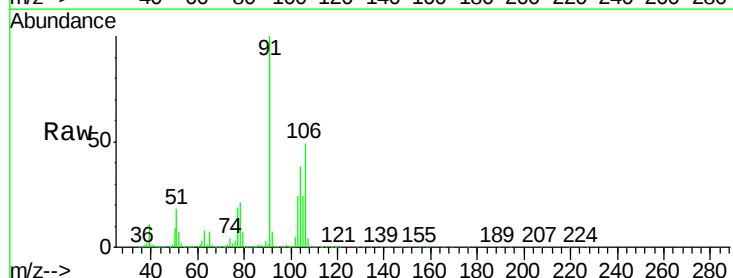
Acq: 22 Feb 2019 12:43

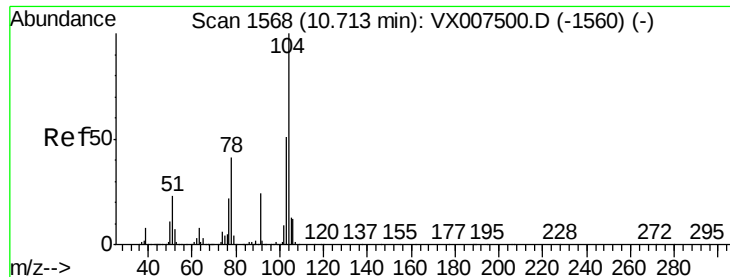
Tgt Ion:106 Resp: 145165

Ion Ratio Lower Upper

106 100

91 205.5 104.4 313.2





#69

Stvrene

Concen: 19.716 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

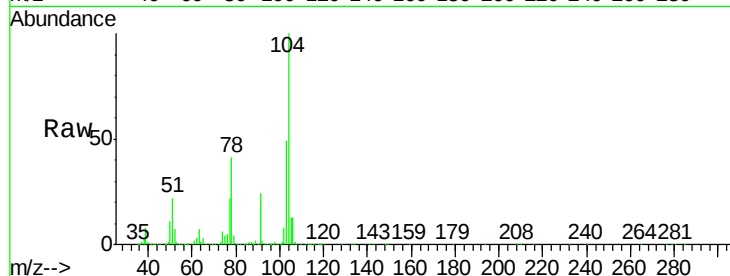
Tot Ion:104 Resp: 232288

Ion Ratio Lower Upper

104 100

78 47.1 38.2 57.2

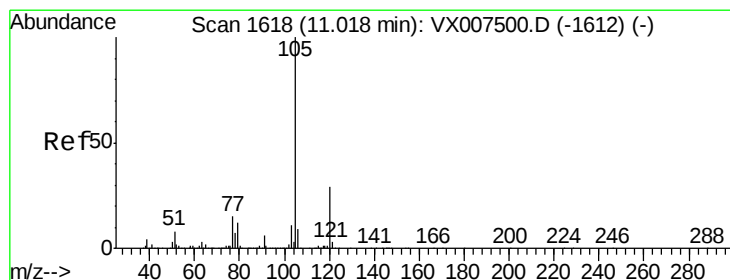
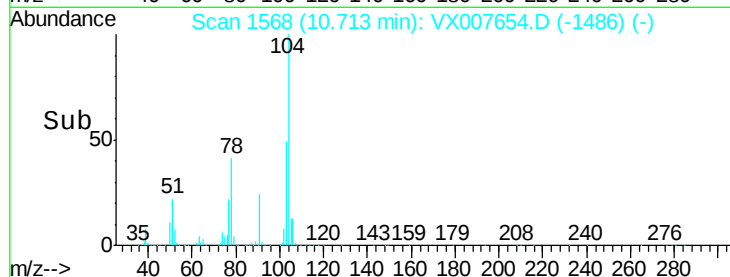
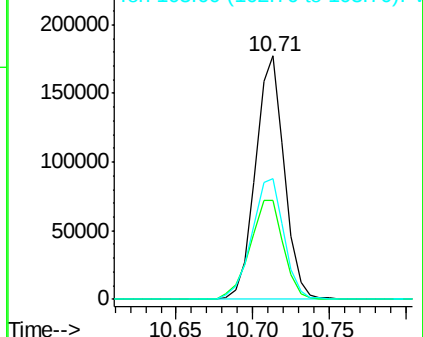
103 55.2 45.0 67.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 19.696 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007654.D

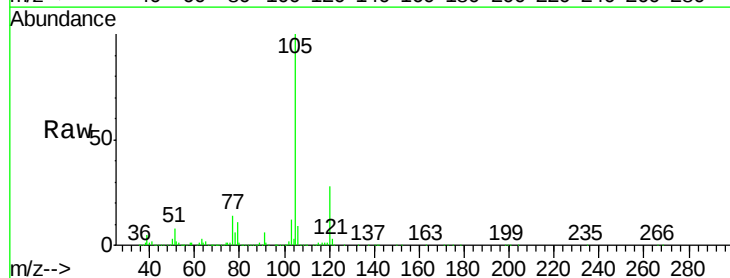
Acq: 22 Feb 2019 12:43

Tgt Ion:105 Resp: 379362

Ion Ratio Lower Upper

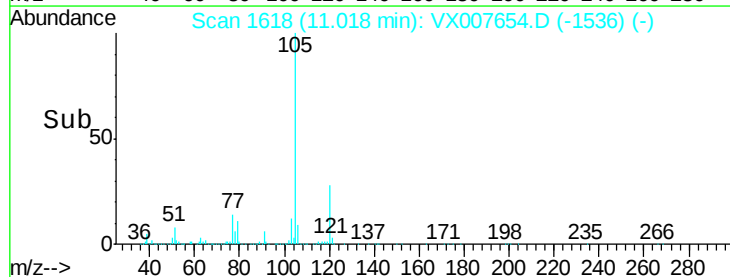
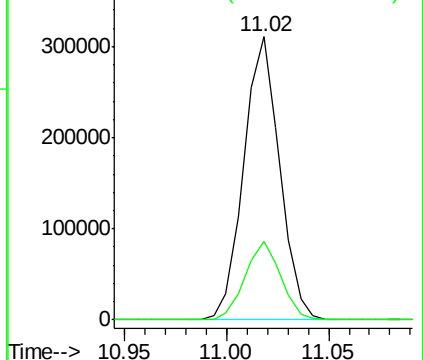
105 100

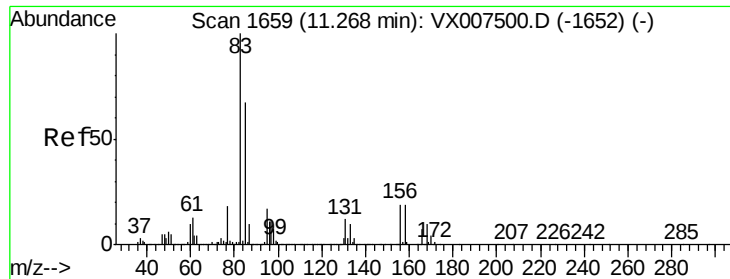
120 27.8 19.8 36.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

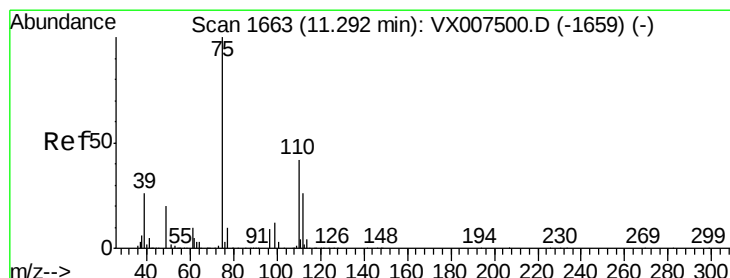
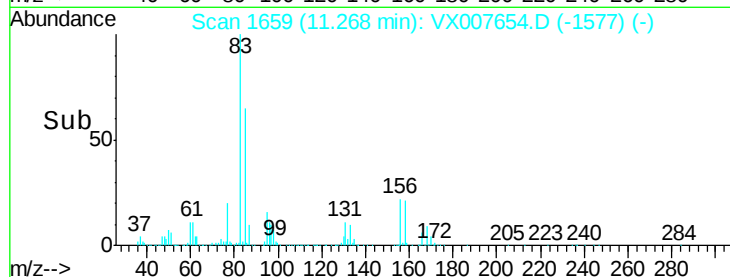
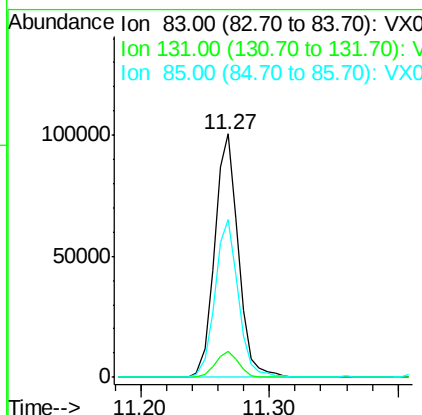
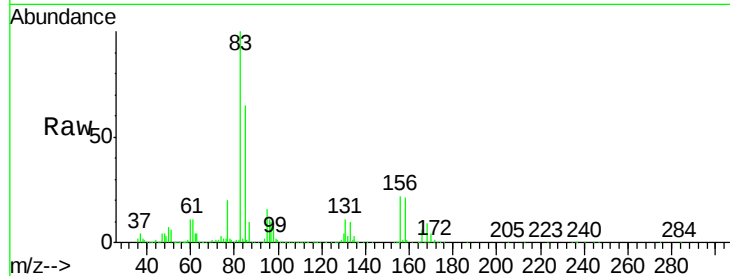




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.423 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

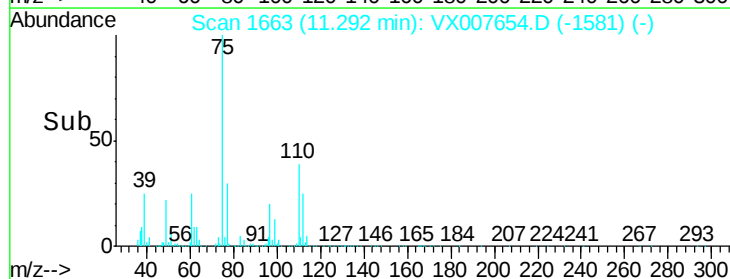
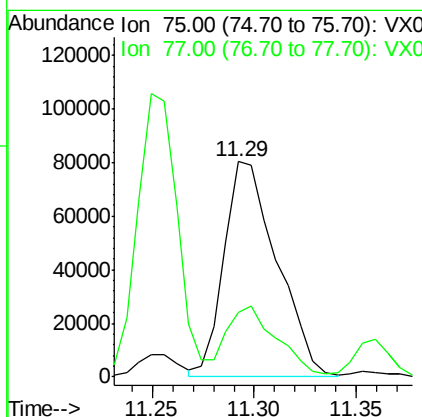
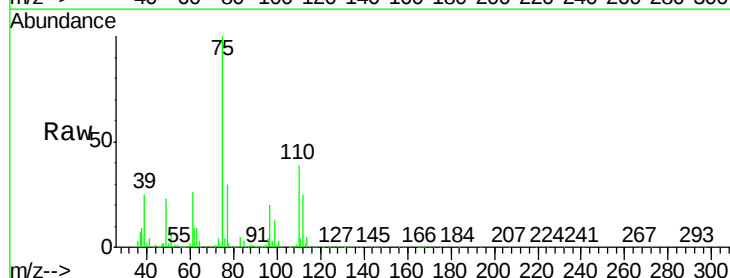
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBSD01

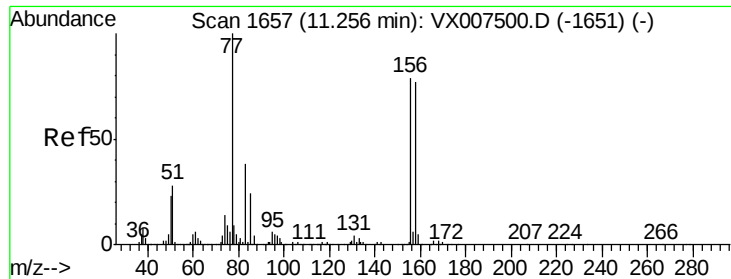
Tot Ion	83	Resp	130036
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.4	16.2
85	64.1	32.8	98.4



#72
 1,2,3-Trichloropropane
 Concen: 24.842 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Tgt Ion	75	Resp	144622
Ion Ratio	Lower	Upper	
75	100		
77	31.9	0.0	76.4





#73

Bromobenzene

Concen: 20.243 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

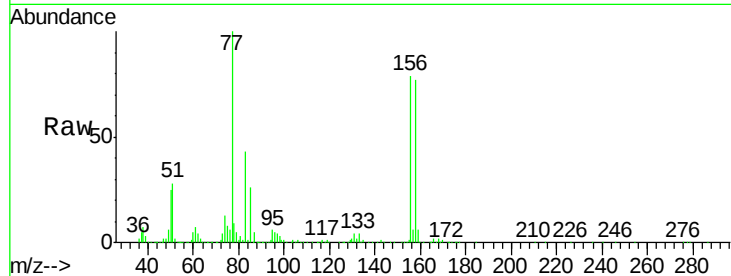
Tot Ion:156 Resp: 106450

Ion Ratio Lower Upper

156 100

77 134.0 0.0 271.4

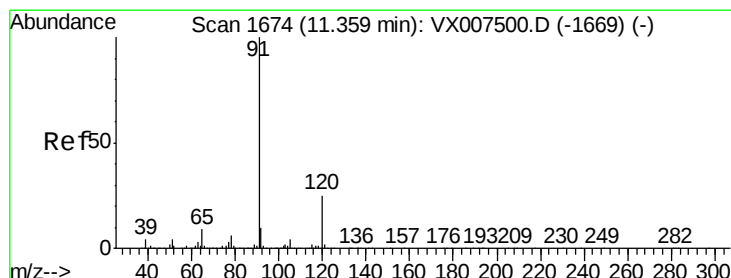
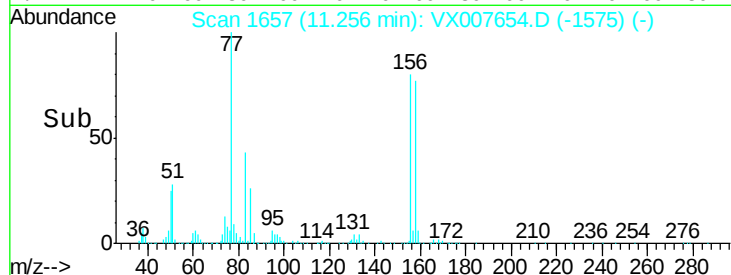
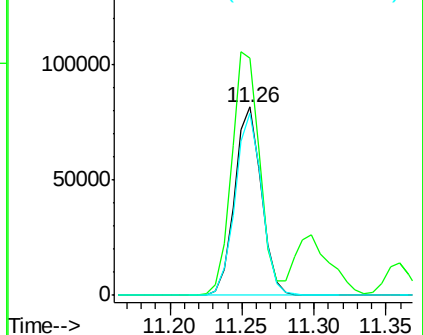
158 95.8 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.785 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007654.D

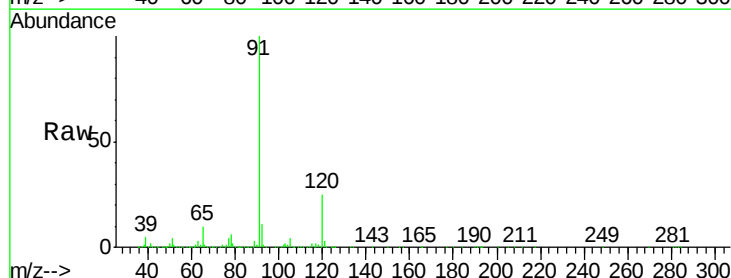
Acq: 22 Feb 2019 12:43

Tgt Ion: 91 Resp: 423138

Ion Ratio Lower Upper

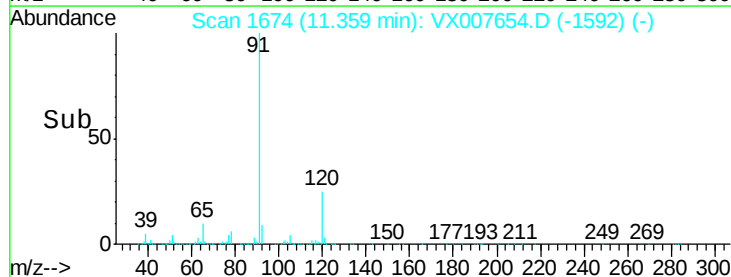
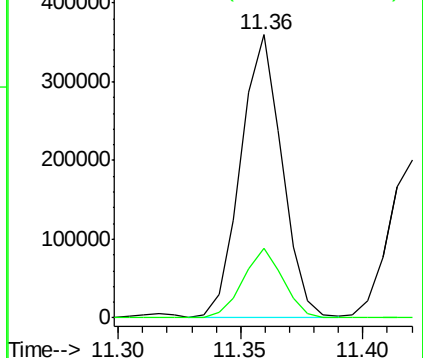
91 100

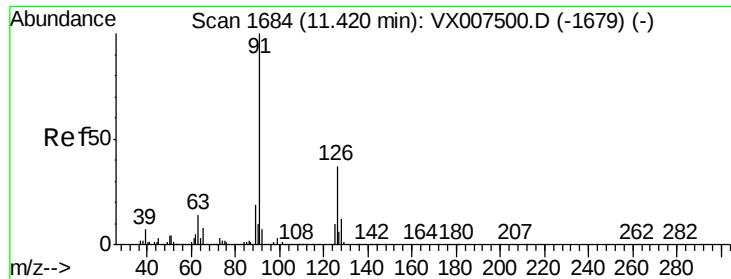
120 24.0 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.620 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

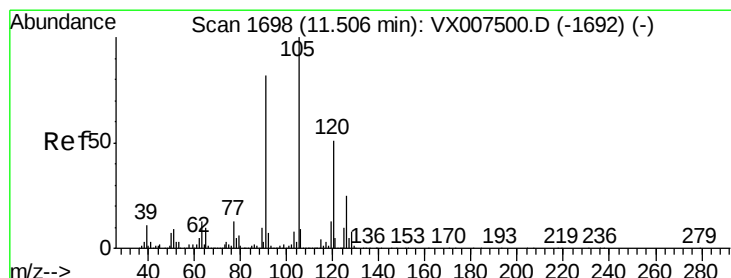
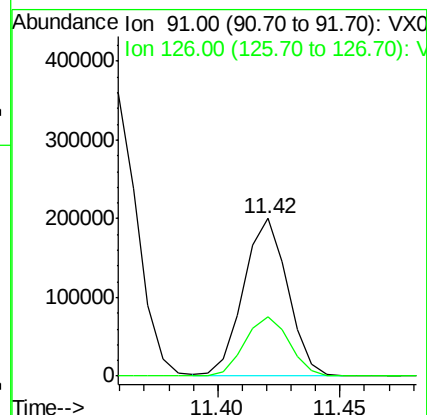
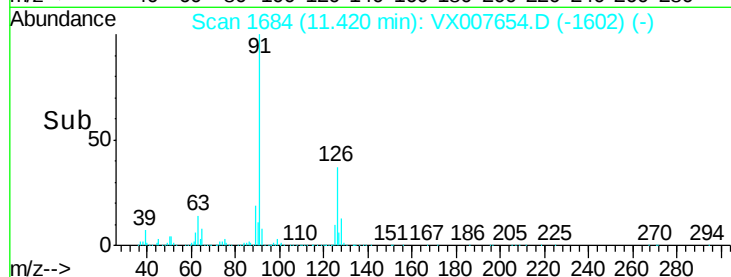
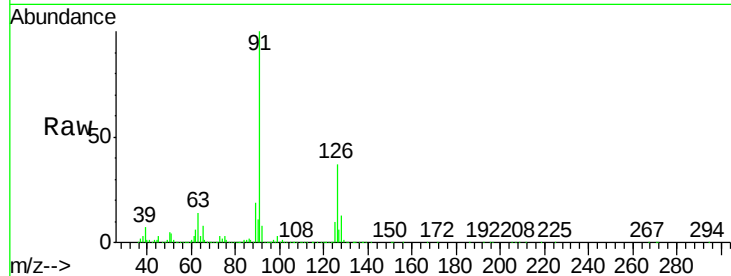
VX0222WBSD01

Tot Ion: 91 Resp: 250886

Ion Ratio Lower Upper

91 100

126 38.3 0.0 75.2



#76

1,3,5-Trimethylbenzene

Concen: 19.966 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007654.D

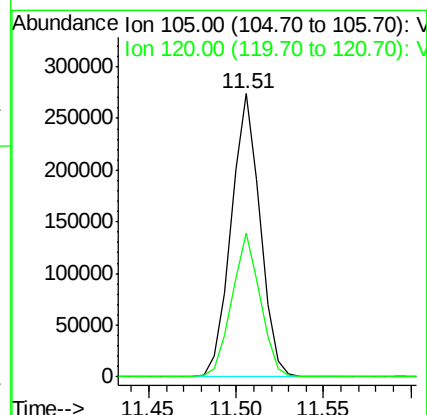
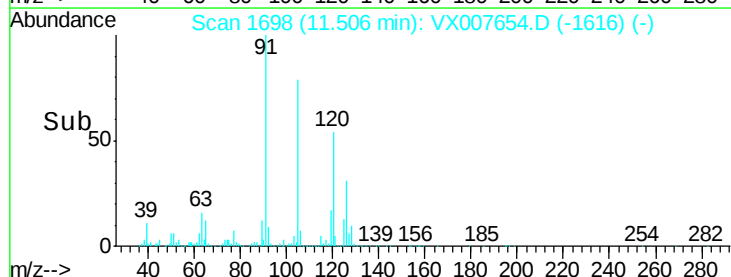
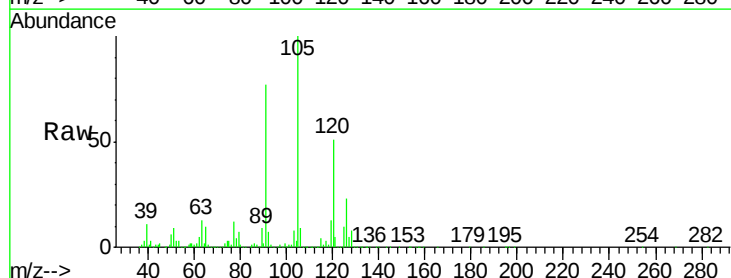
Acq: 22 Feb 2019 12:43

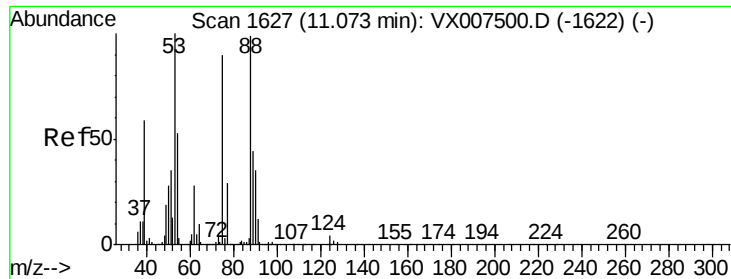
Tgt Ion: 105 Resp: 313919

Ion Ratio Lower Upper

105 100

120 49.8 0.0 101.0

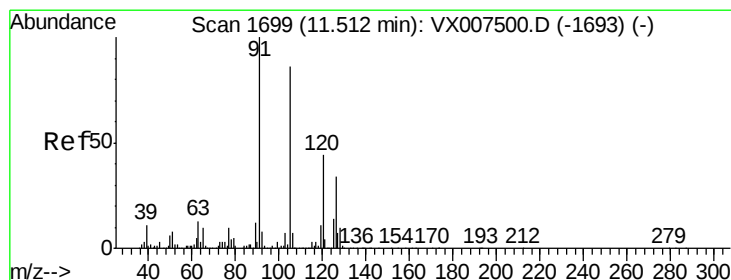
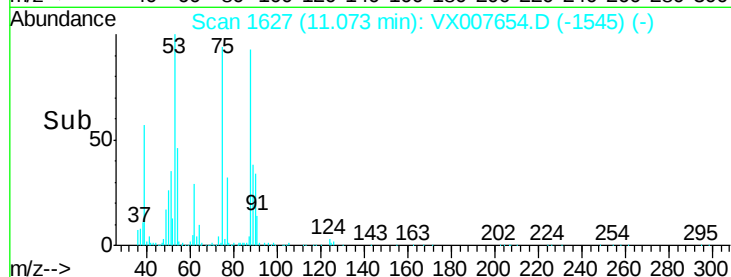
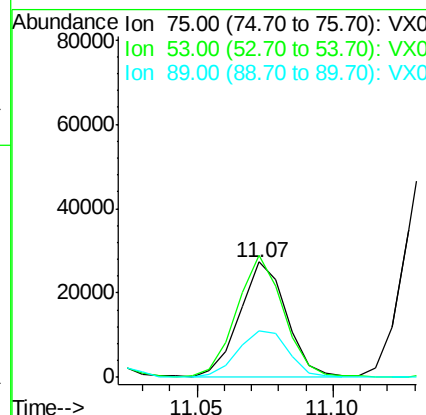
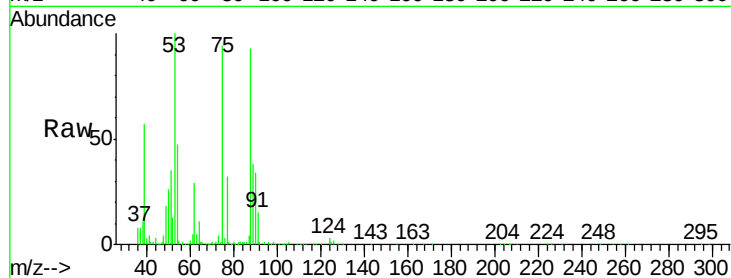




#77
t-1,4-Dichloro-2-butene
Concen: 19.266 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

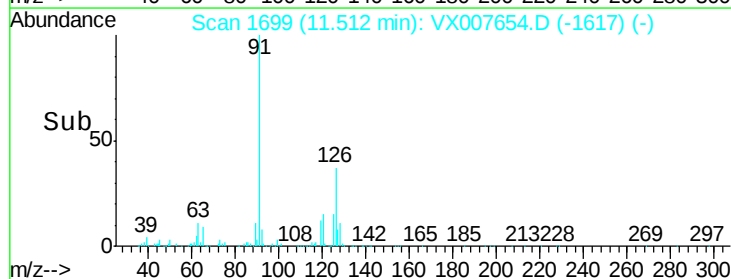
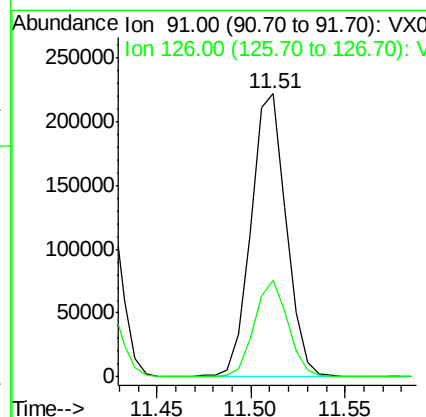
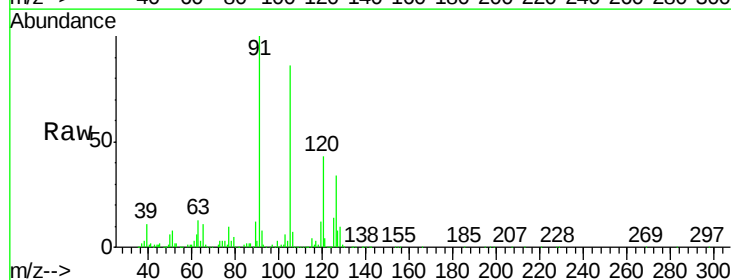
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBSD01

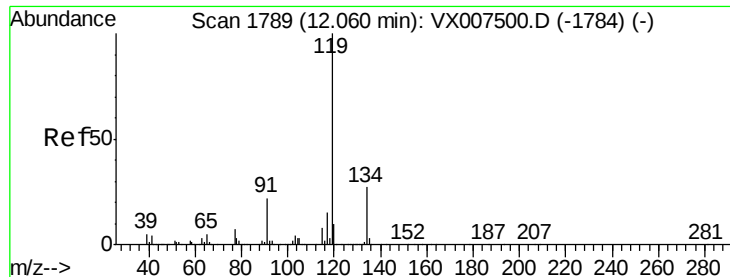
Tot Ion: 75 Resp: 32375
Ion Ratio Lower Upper
75 100
53 105.9 55.5 166.7
89 39.8 24.4 73.2



#78
4-Chlorotoluene
Concen: 19.494 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Tgt Ion: 91 Resp: 284532
Ion Ratio Lower Upper
91 100
126 32.7 0.0 66.2





#79

tert-butylbenzene

Concen: 19.610 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

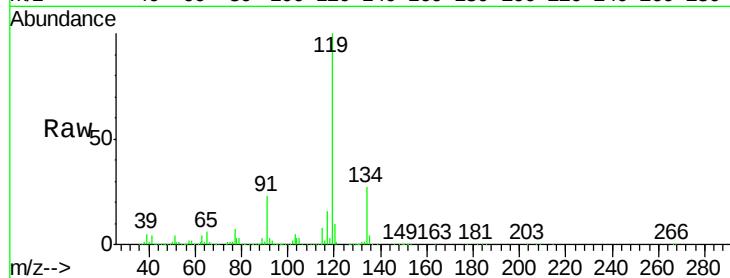
Tot Ion:119 Resp: 327399

Ion Ratio Lower Upper

119 100

91 22.3 0.0 45.0

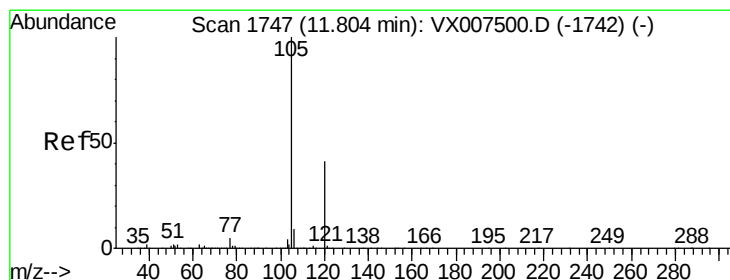
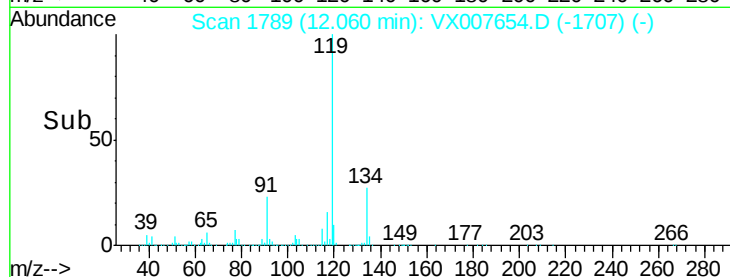
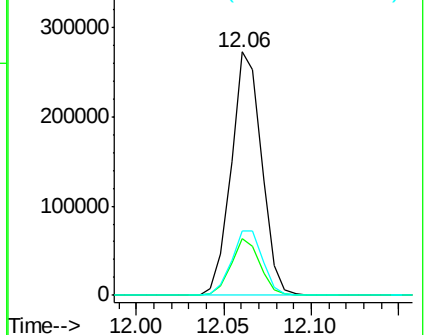
134 27.3 0.0 55.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 19.849 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007654.D

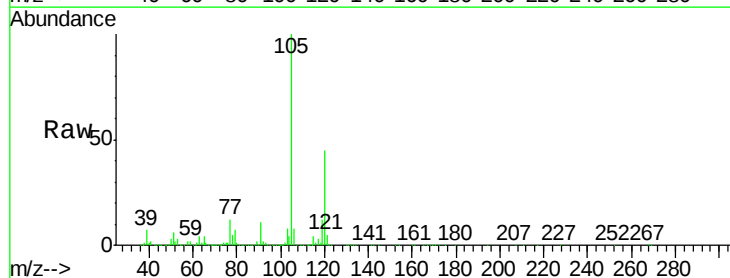
Acq: 22 Feb 2019 12:43

Tgt Ion:105 Resp: 316798

Ion Ratio Lower Upper

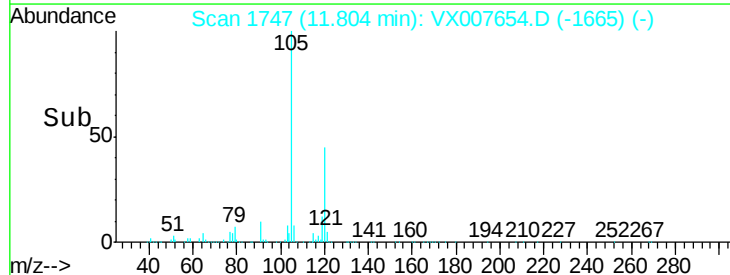
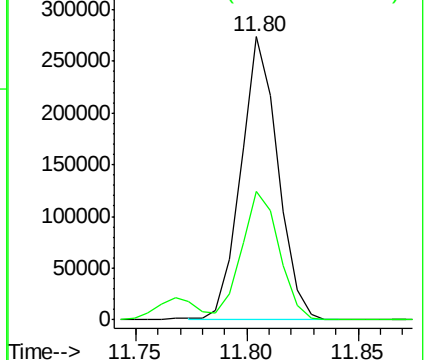
105 100

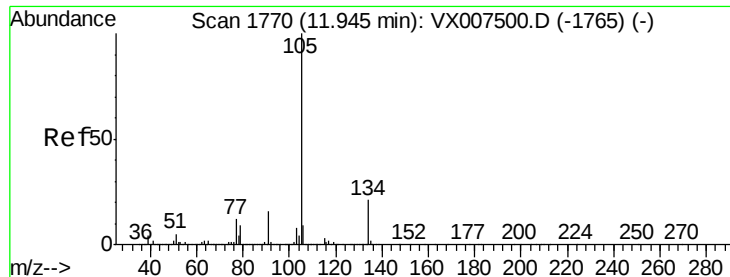
120 46.3 0.0 94.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

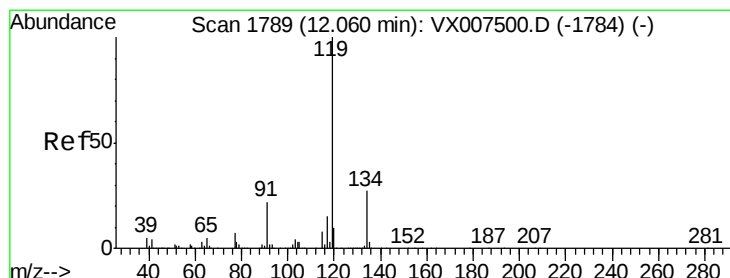
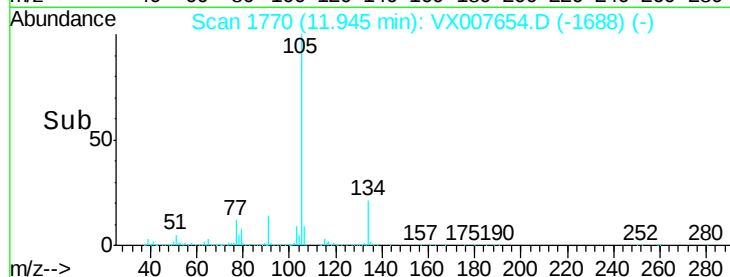
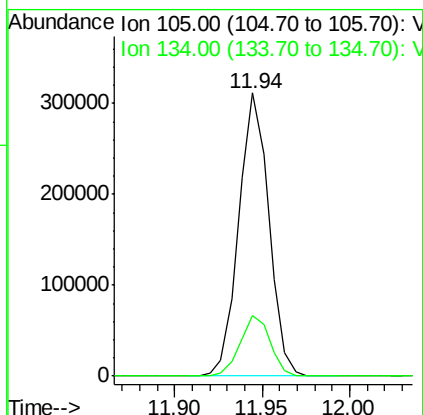
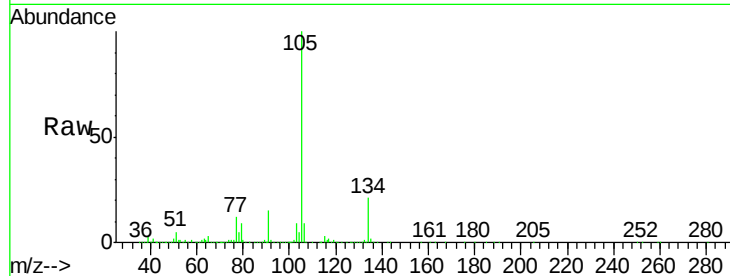




#81
 sec-Butylbenzene
 Concen: 19.852 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

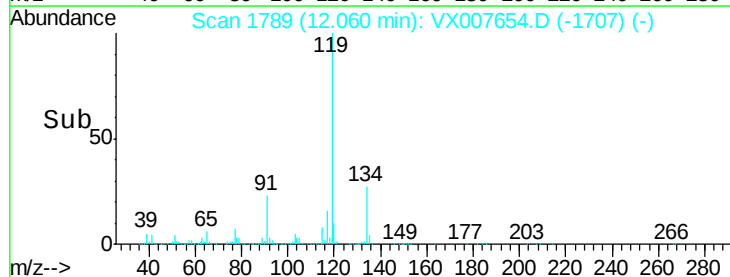
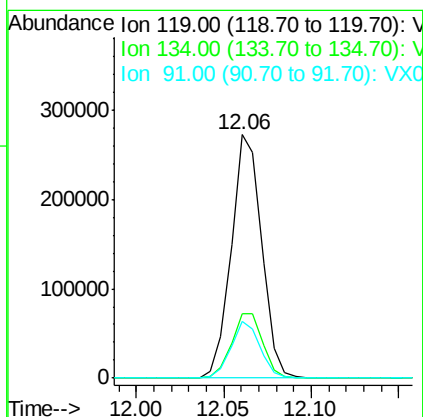
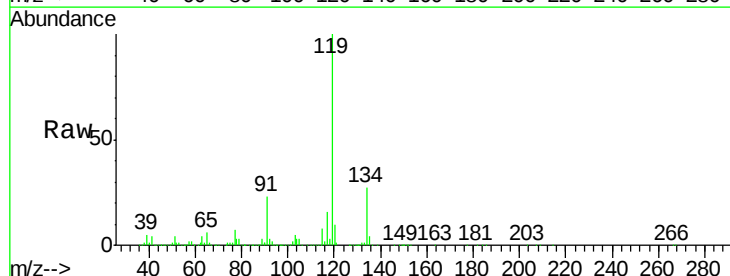
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBSD01

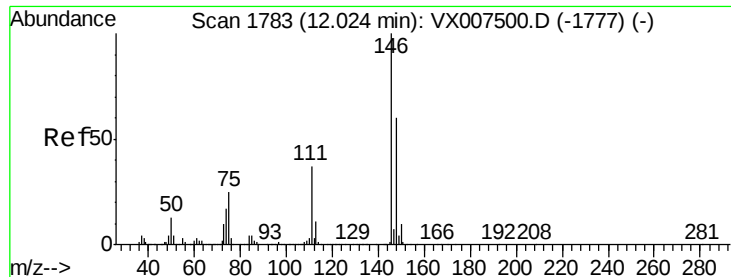
Tot Ion:105 Resp: 372746
 Ion Ratio Lower Upper
 105 100
 134 21.4 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 19.610 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Tgt Ion:119 Resp: 327399
 Ion Ratio Lower Upper
 119 100
 134 27.3 0.0 55.4
 91 22.3 0.0 45.0





#83

1,3-Dichlorobenzene

Concen: 19.818 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

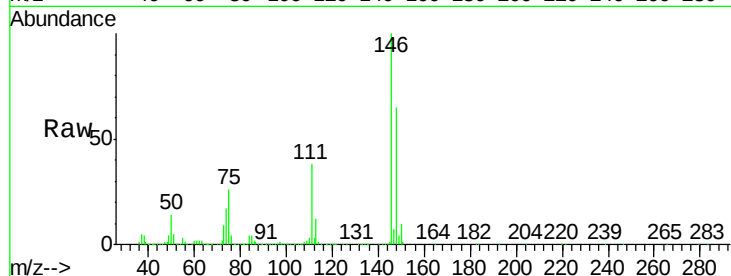
Tot Ion:146 Resp: 183212

Ion Ratio Lower Upper

146 100

111 37.7 18.8 56.3

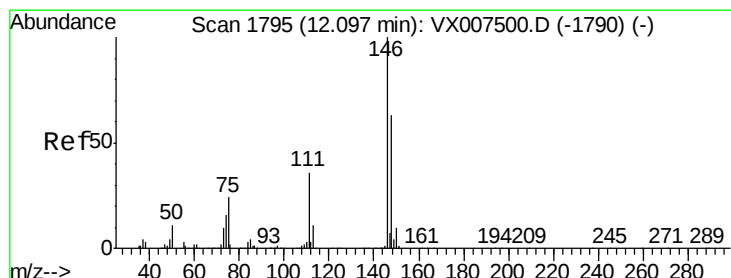
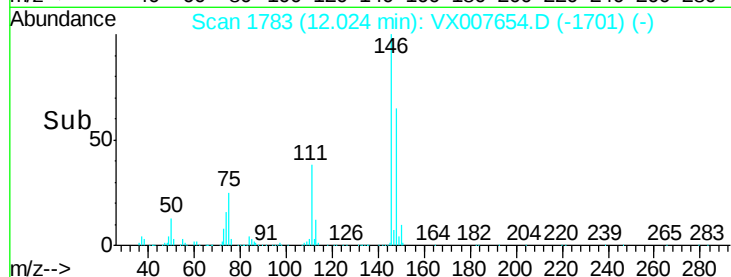
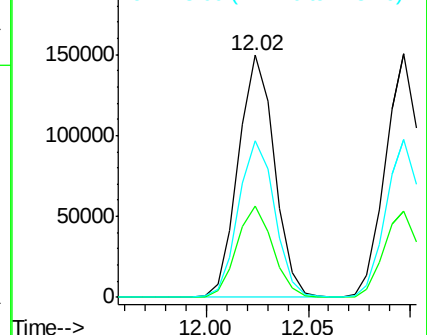
148 65.3 30.6 91.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 19.610 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

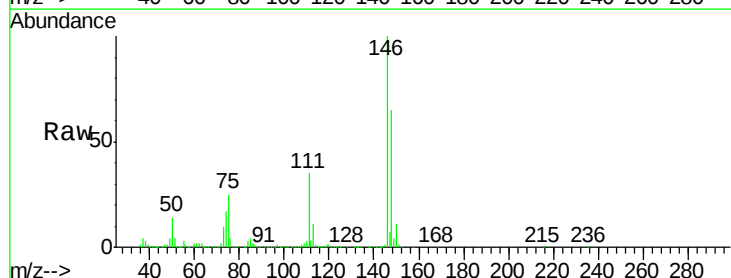
Tgt Ion:146 Resp: 180910

Ion Ratio Lower Upper

146 100

111 35.7 17.6 52.8

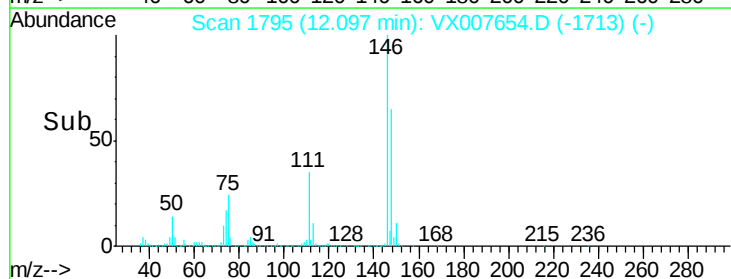
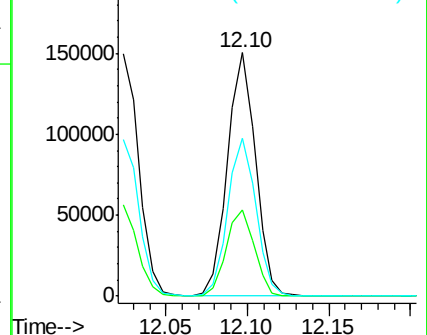
148 64.9 31.4 94.2

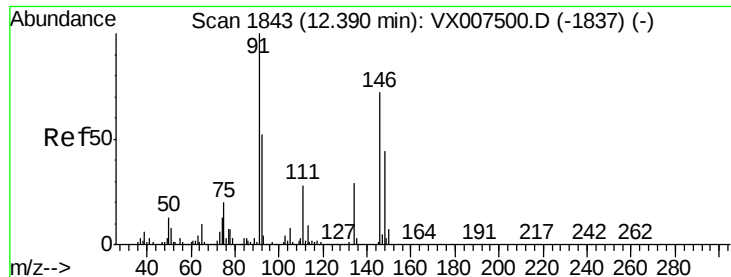


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

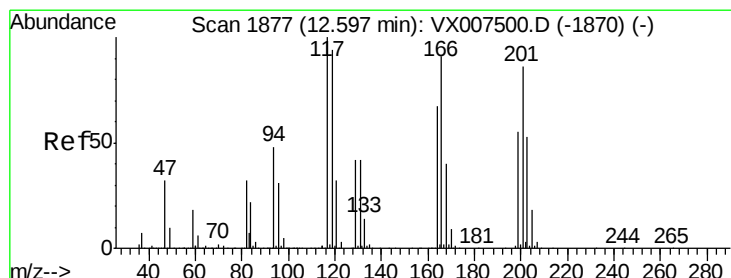
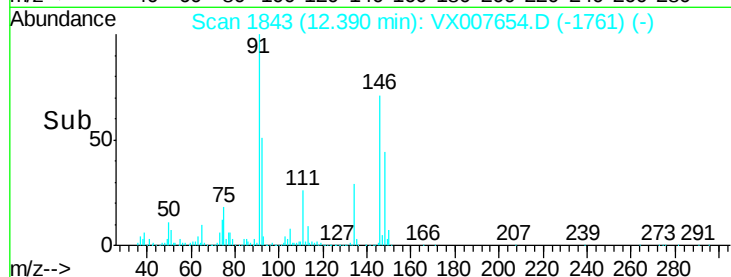
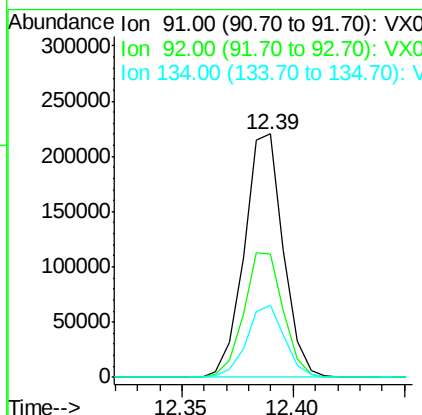
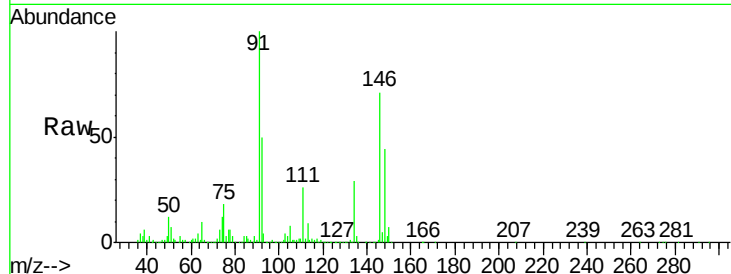




#85
n-Butylbenzene
Concen: 19.406 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

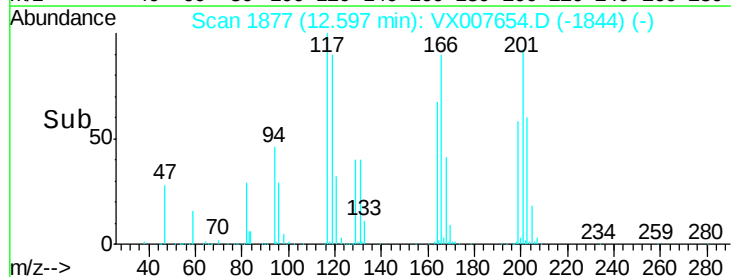
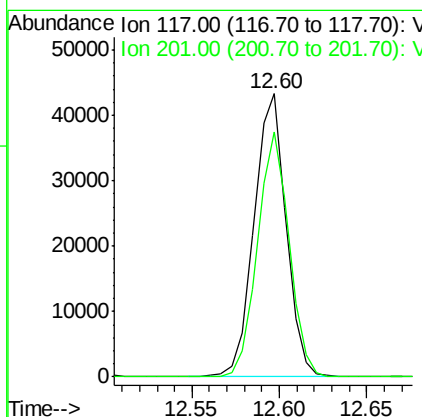
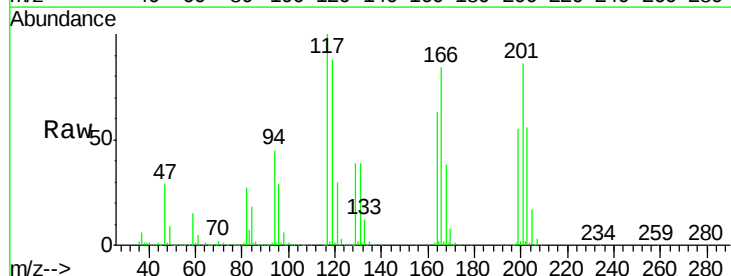
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBSD01

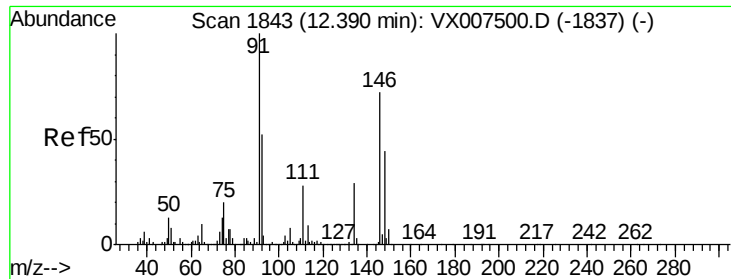
Tot Ion: 91 Resp: 268851
Ion Ratio Lower Upper
91 100
92 51.8 0.0 105.2
134 28.9 0.0 56.4



#86
Hexachloroethane
Concen: 19.874 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Tgt Ion: 117 Resp: 55089
Ion Ratio Lower Upper
117 100
201 84.9 41.1 123.3





#87

1,2-Dichlorobenzene

Concen: 20.173 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

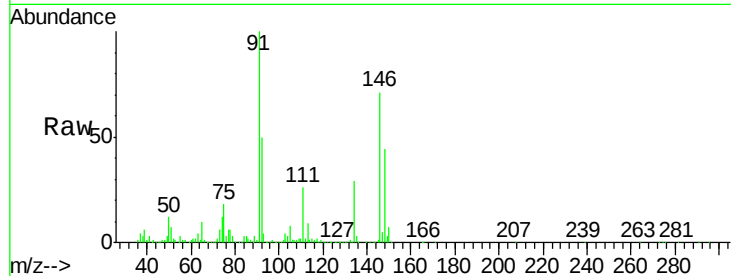
Tot Ion:146 Resp: 187184

Ion Ratio Lower Upper

146 100

111 37.3 19.3 57.8

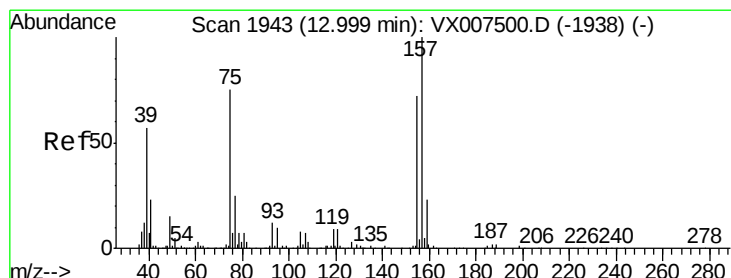
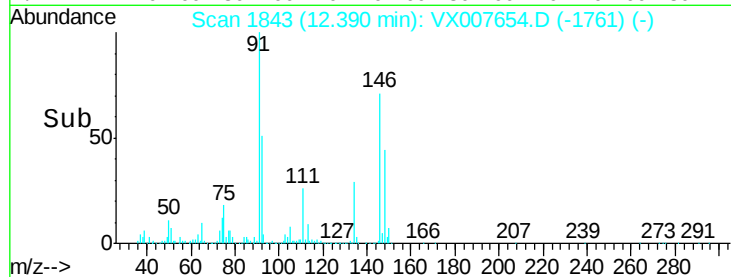
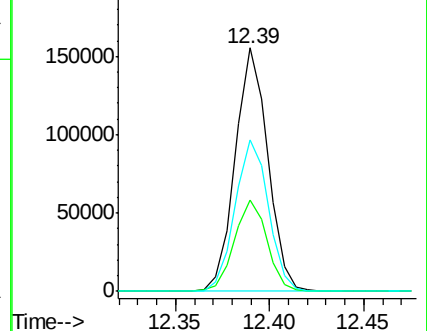
148 63.5 32.1 96.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.068 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

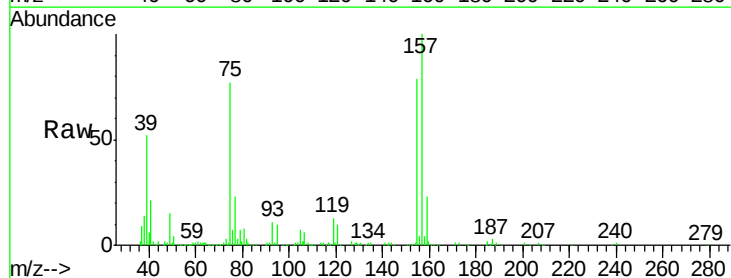
Tgt Ion: 75 Resp: 25337

Ion Ratio Lower Upper

75 100

155 101.7 81.0 121.6

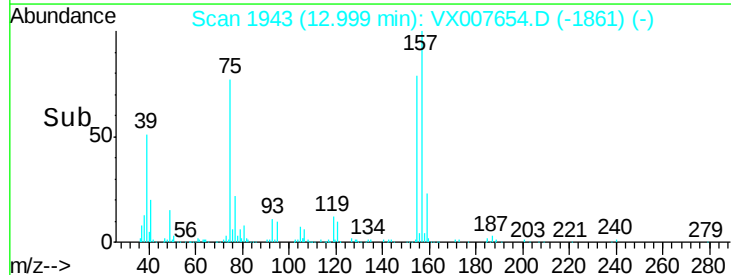
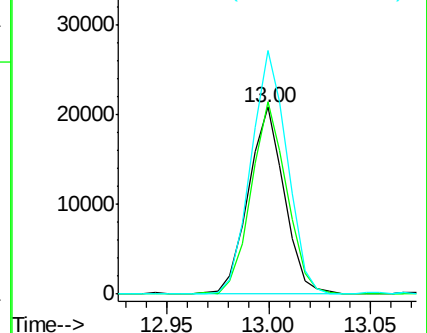
157 131.8 103.2 154.8

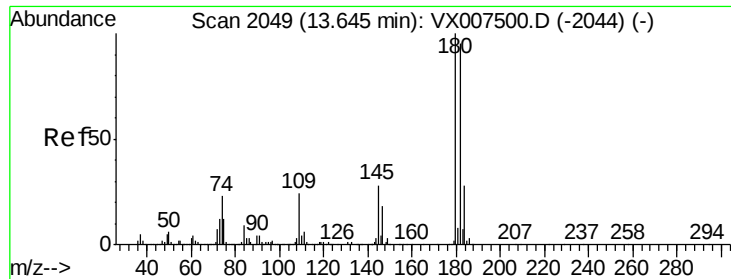


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

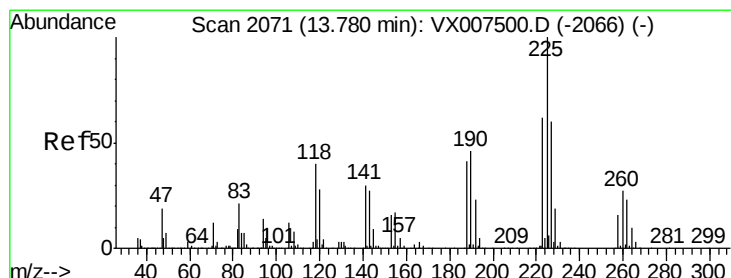
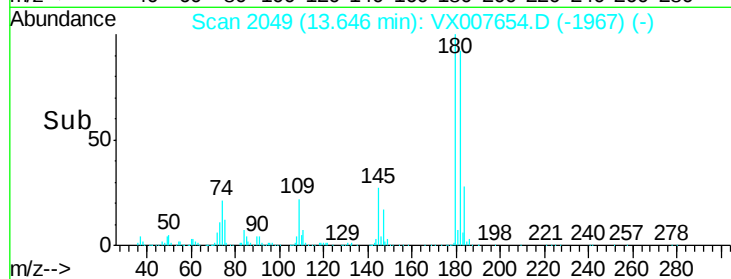
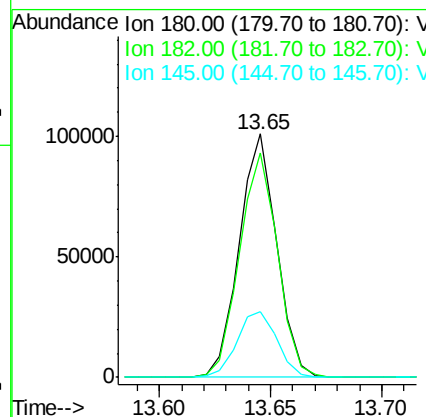
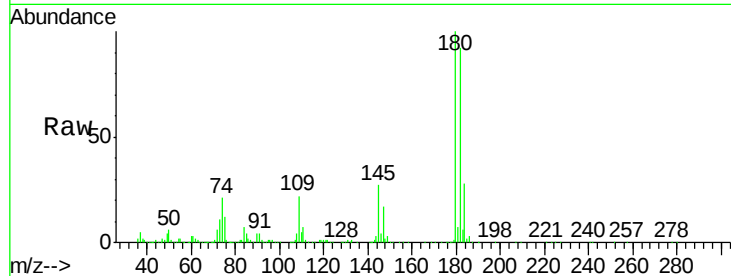




#89
 1,2,4-Trichlorobenzene
 Concen: 19.364 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

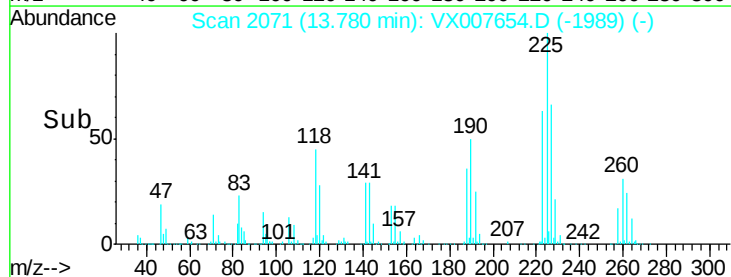
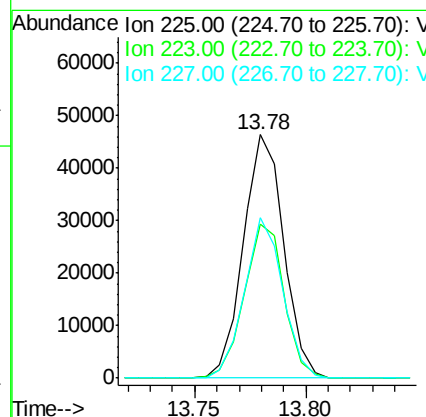
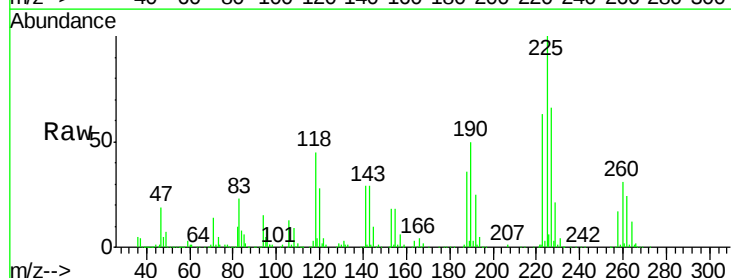
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBSD01

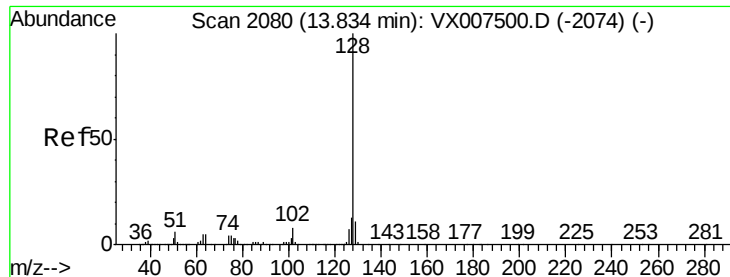
Tot Ion:180 Resp: 118009
 Ion Ratio Lower Upper
 180 100
 182 93.9 75.6 113.4
 145 29.0 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 20.684 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Tgt Ion:225 Resp: 58894
 Ion Ratio Lower Upper
 225 100
 223 62.5 0.0 123.8
 227 62.1 0.0 124.4

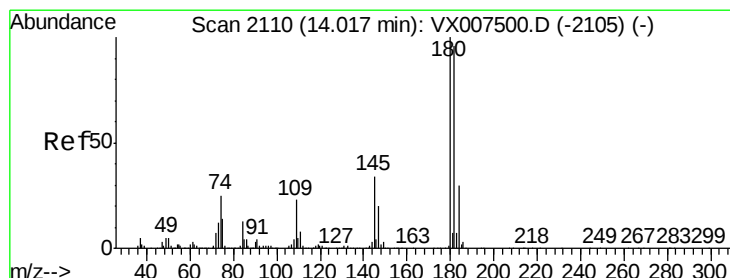
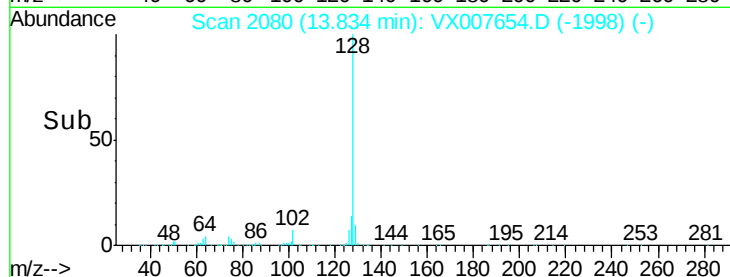
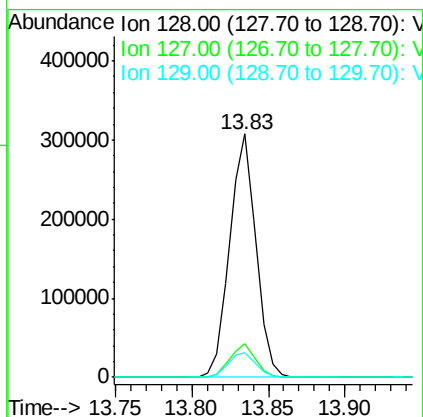
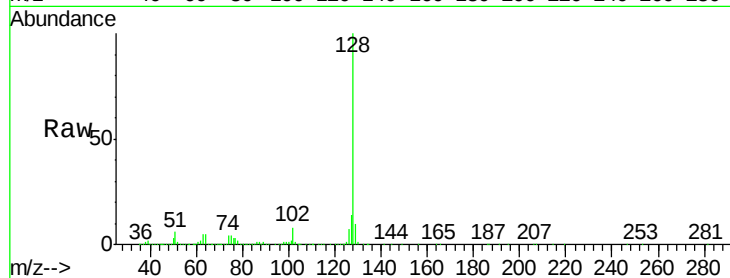




#91
Naphthalene
Concen: 18.822 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBSD01

Tot Ion:128 Resp: 365830
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.7 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 19.439 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Tgt Ion:180 Resp: 120426
Ion Ratio Lower Upper
180 100
182 93.7 0.0 193.0
145 30.8 0.0 63.0

