

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022219\
 Data File : VX007651.D
 Acq On : 22 Feb 2019 11:23
 Operator : JC/SP
 Sample : VX0222WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBS01

Quant Time: Feb 23 00:28:52 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	5.02	128	69656	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	363039	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	337932	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	136982	30.40	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.33%
60) 4-Bromofluorobenzene	11.13	95	159026	30.66	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.20%
63) Toluene-d8	8.71	98	451719	29.57	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	72778	20.632	ug/l 98
3) Chloromethane	1.33	50	80611	20.794	ug/l 100
4) Vinyl Chloride	1.41	62	85631	19.638	ug/l 99
5) Bromomethane	1.64	94	81021	20.807	ug/l 96
6) Chloroethane	1.73	64	54426	18.362	ug/l 96
7) Trichlorofluoromethane	1.93	101	132459	19.379	ug/l 100
8) Diethyl Ether	2.19	74	50682	18.562	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	79020	20.490	ug/l 99
10) 1,1-Dichloroethene	2.38	96	74470	19.460	ug/l 93
11) Methyl Iodide	2.51	142	106984	19.452	ug/l 94
12) Methyl Acetate	2.78	43	91952	17.424	ug/l 96
13) Acrolein	2.30	56	59487	64.619	ug/l 97
14) Acrylonitrile	3.15	53	221087	90.921	ug/l 100
15) Acetone	2.45	58	65439	99.162	ug/l 98
16) Carbon Disulfide	2.57	76	188627	18.587	ug/l 100
17) Allyl chloride	2.73	41	119311	18.197	ug/l 95
18) Methylene Chloride	2.86	84	80865	18.791	ug/l 95
19) trans-1,2-Dichloroethene	3.17	96	76566	18.706	ug/l 96
20) Diisopropyl ether	3.87	45	242903	19.603	ug/l 98
21) 1,1-Dichloroethane	3.70	63	138416	19.926	ug/l 98
22) cis-1,2-Dichloroethene	4.60	96	88959	19.530	ug/l 97
23) tert-Butyl Alcohol	3.07	59	97521	95.418	ug/l # 99
24) Methyl tert-Butyl Ether	3.20	73	237266	17.866	ug/l 98
25) Chloroform	5.21	83	145514	19.834	ug/l 97
26) Cyclohexane	5.57	56	115427	19.816	ug/l # 99
29) 1,1-Dichloropropene	5.80	75	101655	20.074	ug/l 99
30) 2-Butanone	4.70	43	309714	103.347	ug/l 98
31) 2,2-Dichloropropane	4.59	77	96251	23.394	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	123630	20.425	ug/l 99
33) Carbon Tetrachloride	5.78	117	107975	20.180	ug/l 97
34) Benzene	6.15	78	319658	20.023	ug/l 96
35) Methacrylonitrile	5.06	41	62693	20.120	ug/l 96
36) 1,2-Dichloroethane	6.20	62	110434	20.327	ug/l 99
37) Trichloroethene	7.21	130	93147	20.294	ug/l 98
38) Methylcyclohexane	7.46	83	123819	21.122	ug/l 100
39) 1,2-Dichloropropane	7.52	63	81569	20.542	ug/l 99
40) Dibromomethane	7.66	93	57880	20.183	ug/l 98

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 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)
41) Bromodichloromethane	7.90	83	101383	19.921	ug/l	99
42) Vinyl Acetate	3.82	43	1057291	100.793	ug/l	100
43) Ethyl Acetate	4.85	43	116800	20.352	ug/l	96
44) Isopropyl Acetate	6.46	43	173307	19.559	ug/l	100
45) 1,4-Dioxane	7.75	88	42616	407.516	ug/l	99
46) Methyl methacrylate	7.77	41	89339	19.911	ug/l	99
47) n-amyl Acetate	10.90	43	155387	19.896	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	105697	20.118	ug/l	99
49) cis-1,3-Dichloropropene	8.44	75	117790	20.133	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	87178	20.849	ug/l	94
51) Ethyl methacrylate	9.18	69	119724	19.749	ug/l	98
52) 1,3-Dichloropropane	9.37	76	138106	20.476	ug/l	100
53) Dibromochloromethane	9.58	129	88118	20.261	ug/l	100
54) 1,2-Dibromoethane	9.67	107	94612	20.663	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	320063	103.847	ug/l	100
56) Bromoform	10.85	173	63413	19.330	ug/l	98
58) 4-Methyl-2-Pentanone	8.65	43	598247	98.421	ug/l	100
59) 2-Hexanone	9.49	43	461669	99.994	ug/l	100
61) Tetrachloroethene	9.34	164	95873	19.985	ug/l	96
62) Toluene	8.79	91	357467	19.423	ug/l	100
64) Chlorobenzene	10.14	112	236072	19.738	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	85539	19.746	ug/l	99
66) Ethyl Benzene	10.25	91	381274	19.522	ug/l	99
67) m/p-Xylenes	10.36	106	304268	39.721	ug/l	98
68) o-Xylene	10.70	106	145105	19.422	ug/l	100
69) Styrene	10.71	104	234363	19.439	ug/l	99
70) Isopropylbenzene	11.02	105	390113	19.793	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	127930	19.635	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	146038	24.514	ug/l	91
73) Bromobenzene	11.26	156	106757	19.839	ug/l	99
74) n-propylbenzene	11.36	91	434352	19.847	ug/l	99
75) 2-Chlorotoluene	11.42	91	260390	19.899	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	320142	19.898	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	33308	19.370	ug/l	99
78) 4-Chlorotoluene	11.51	91	293822	19.672	ug/l	100
79) tert-butylbenzene	12.06	119	337168	19.735	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	326771	20.007	ug/l	98
81) sec-Butylbenzene	11.94	105	384601	20.017	ug/l	100
82) p-Isopropyltoluene	12.06	119	337168	19.735	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	187085	19.776	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	186219	19.726	ug/l	98
85) n-Butylbenzene	12.38	91	275808	19.455	ug/l	99
86) Hexachloroethane	12.60	117	53138	18.734	ug/l	92
87) 1,2-Dichlorobenzene	12.39	146	189026	19.908	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.00	75	26246	19.303	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	120245	19.282	ug/l	98
90) Hexachlorobutadiene	13.78	225	58241	19.989	ug/l	96
91) Naphthalene	13.83	128	375491	18.880	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	122732	19.360	ug/l	99

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

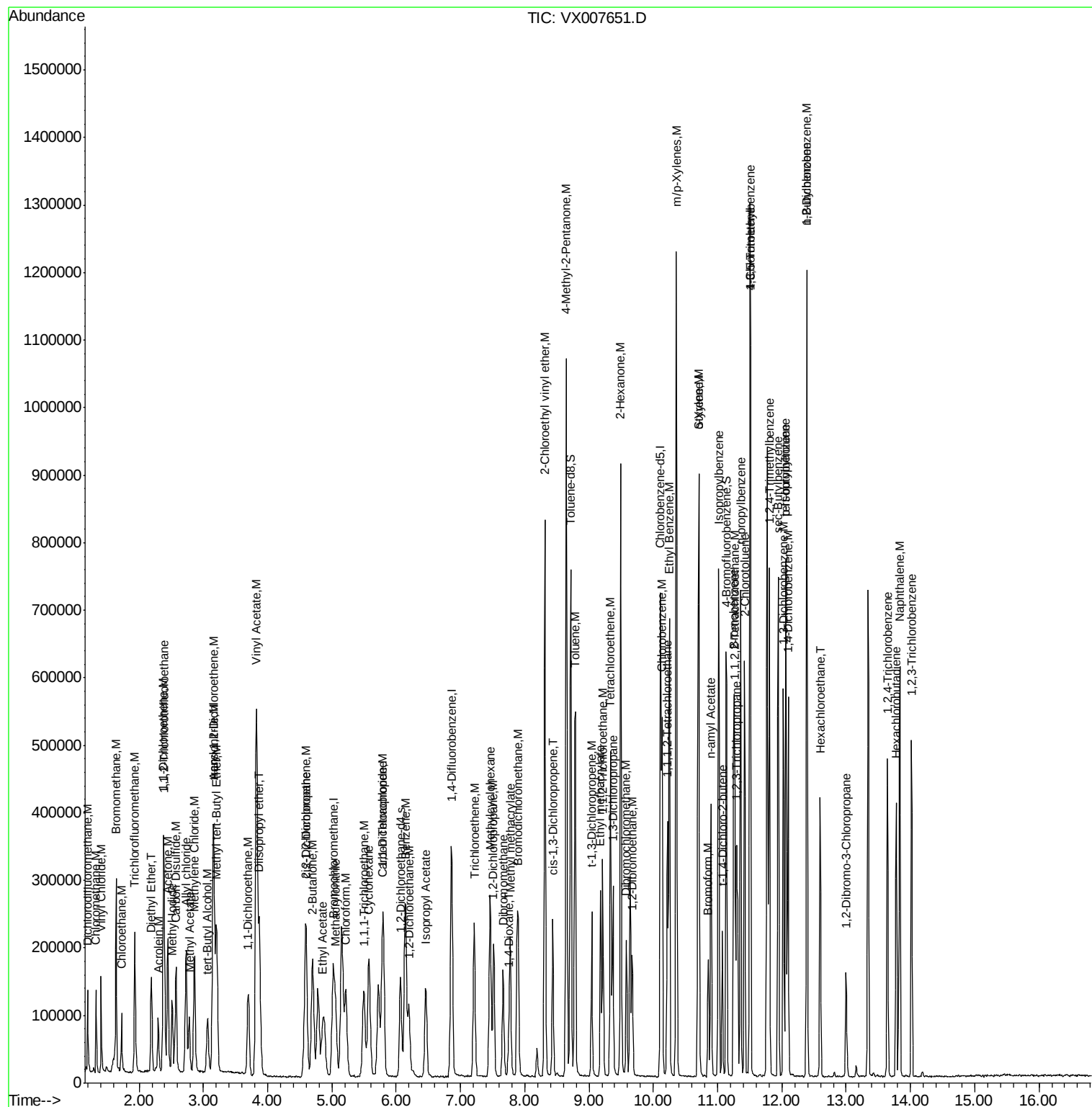
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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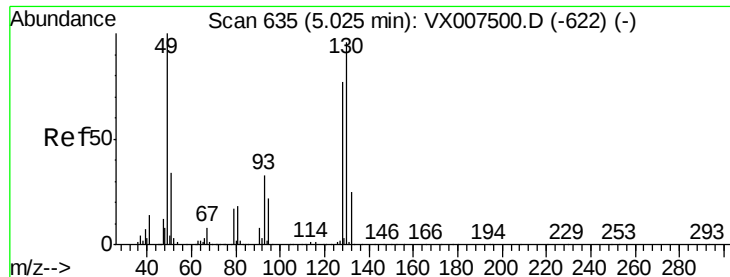
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022219\
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ClientSampleID :
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Quant Time: Feb 23 00:28:52 2019
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 635

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

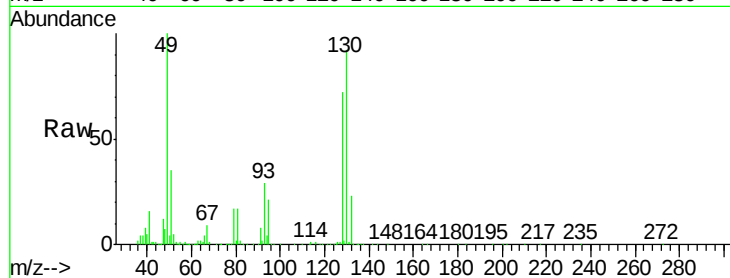
Tot Ion:128 Resp: 69656

Ion Ratio Lower Upper

128 100

49 142.5 0.0 350.8

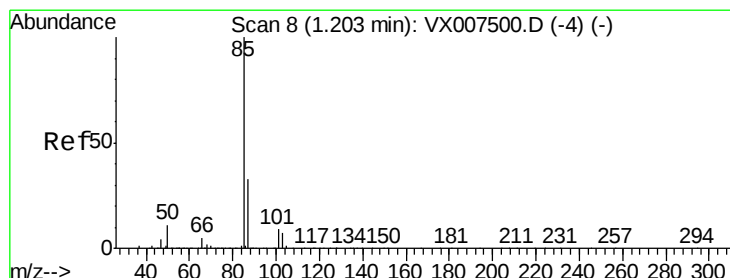
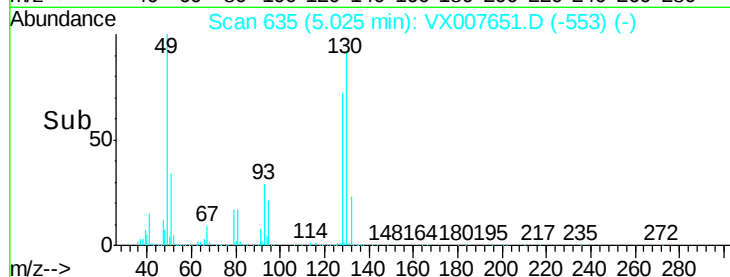
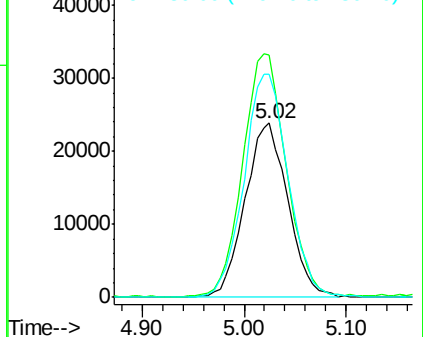
130 131.5 0.0 325.8



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: 20.632 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007651.D

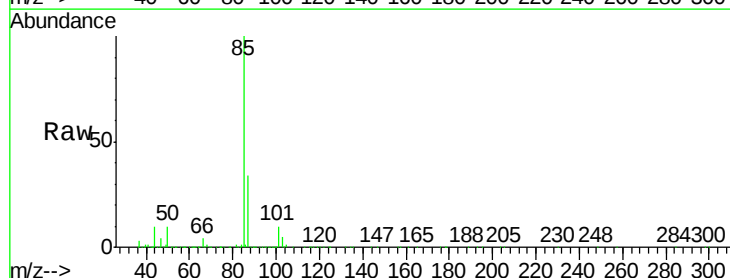
Acq: 22 Feb 2019 11:23

Tgt Ion: 85 Resp: 72778

Ion Ratio Lower Upper

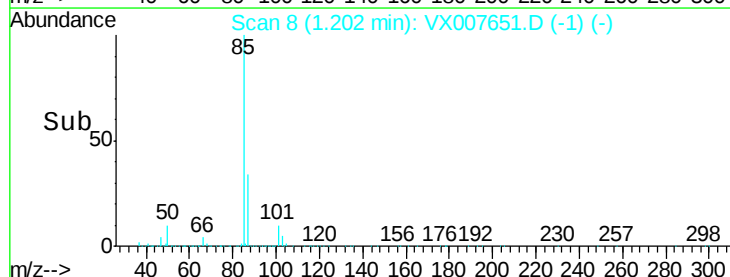
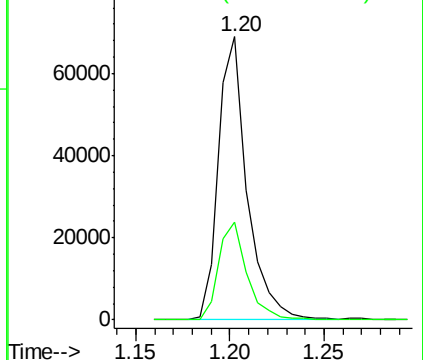
85 100

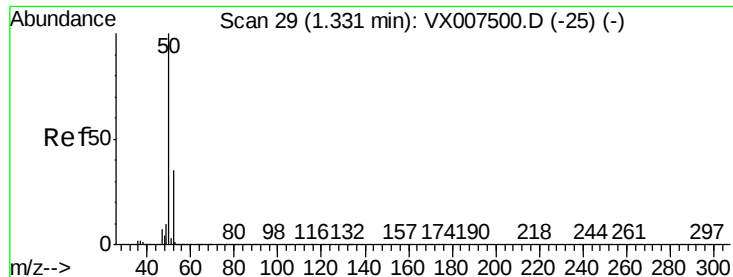
87 34.4 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

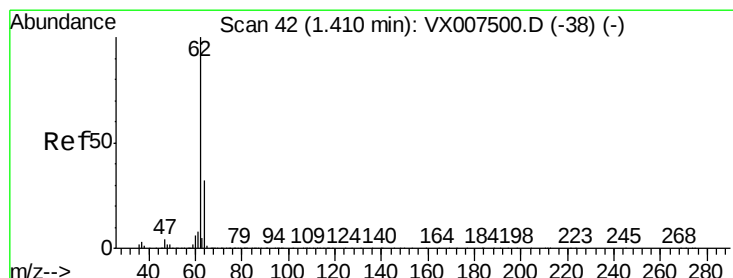
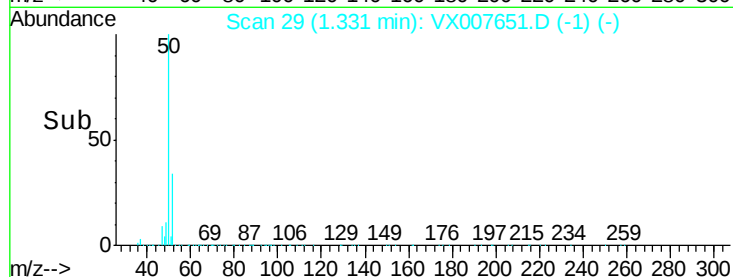
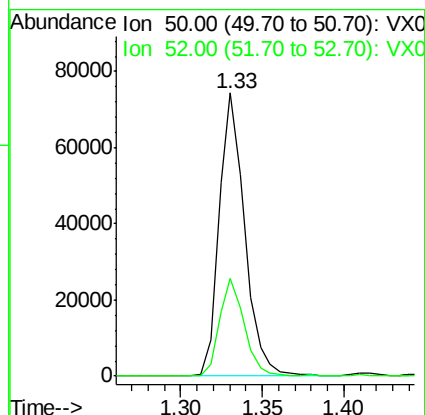
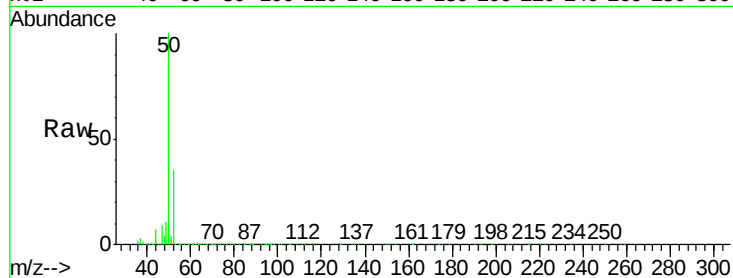




#3
Chloromethane
Concen: 20.794 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

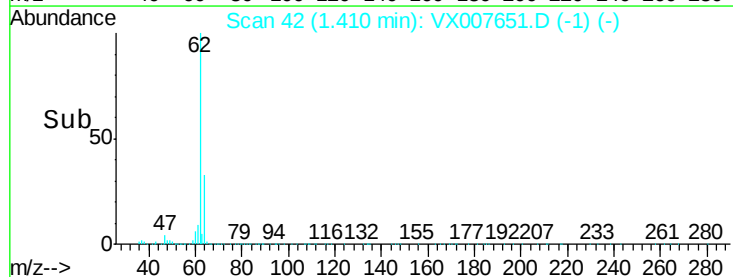
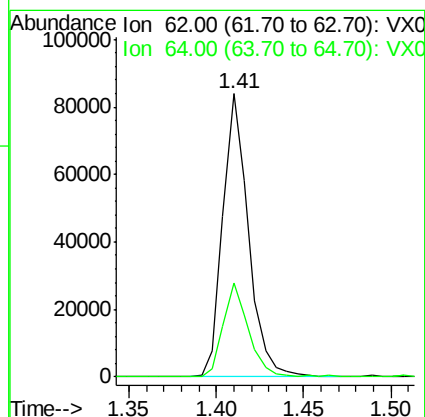
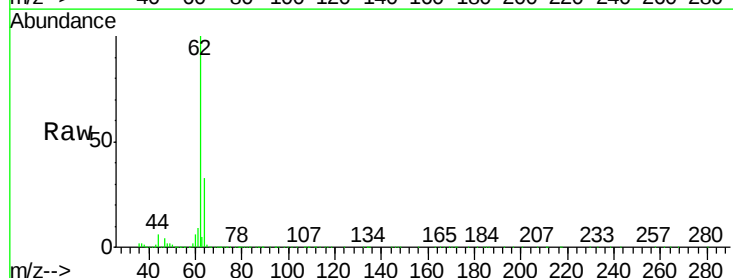
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBS01

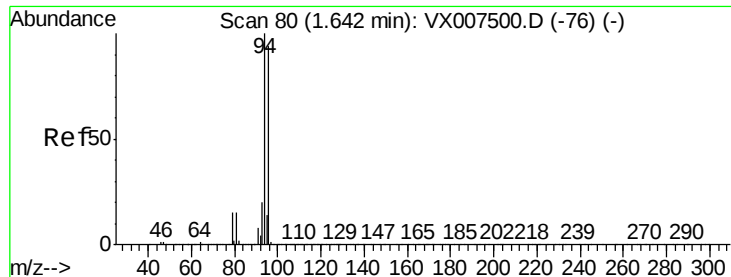
Tot Ion: 50 Resp: 80611
Ion Ratio Lower Upper
50 100
52 34.6 27.5 41.3



#4
Vinyl Chloride
Concen: 19.638 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Tgt Ion: 62 Resp: 85631
Ion Ratio Lower Upper
62 100
64 32.9 25.9 38.9





#5

Bromomethane

Concen: 20.807 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

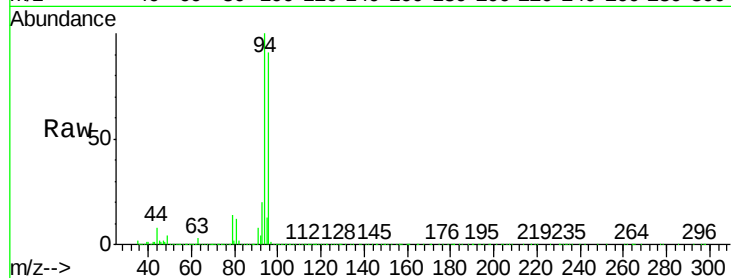
VX0222WBS01

Tot Ion: 94 Resp: 81021

Ion Ratio Lower Upper

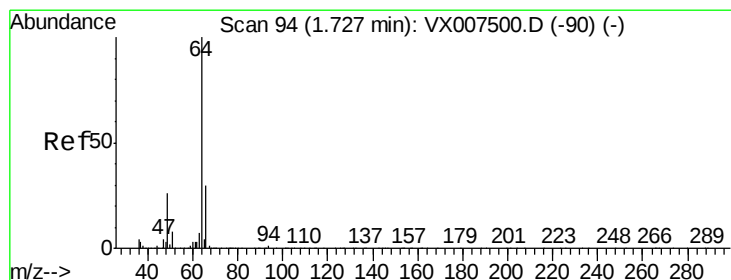
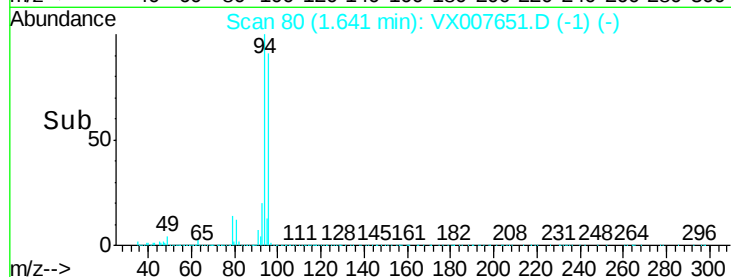
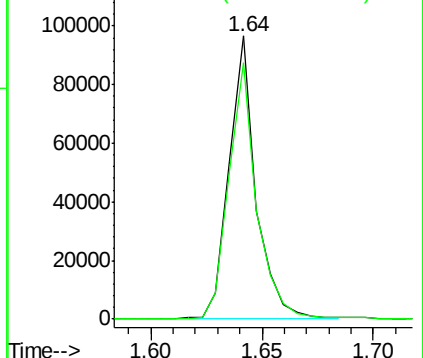
94 100

96 91.0 75.6 113.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.362 ug/l

RT: 1.73 min Scan# 94

Delta R.T. -0.00 min

Lab File: VX007651.D

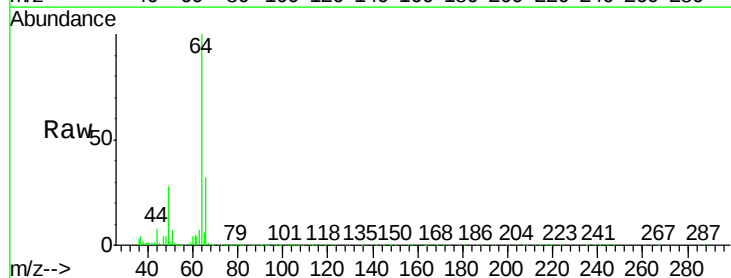
Acq: 22 Feb 2019 11:23

Tgt Ion: 64 Resp: 54426

Ion Ratio Lower Upper

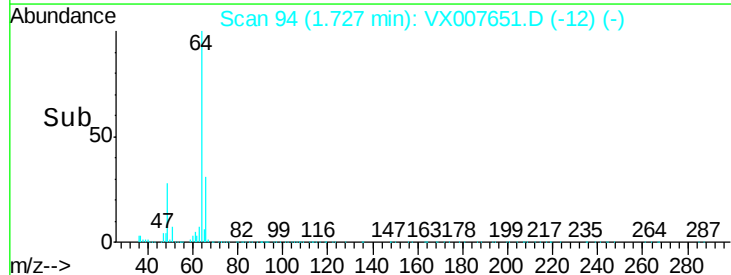
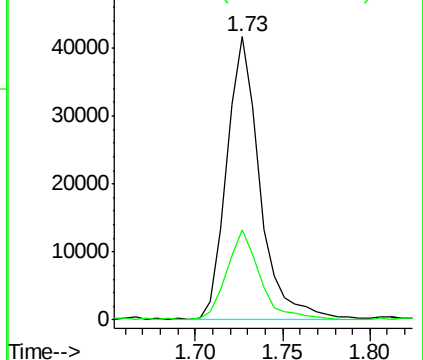
64 100

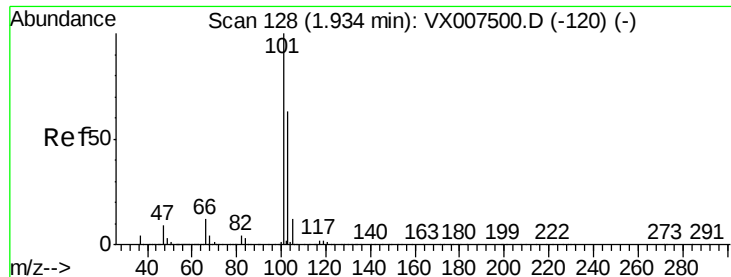
66 32.0 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



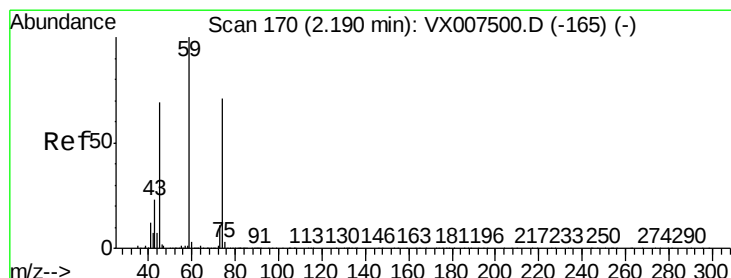
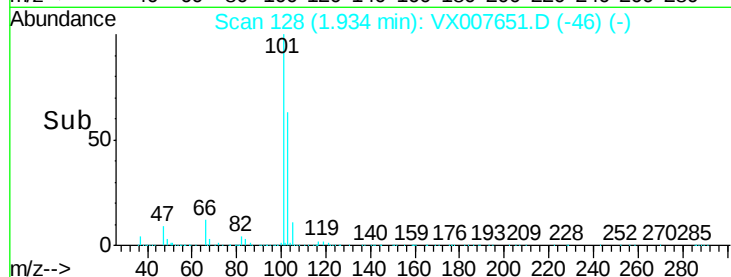
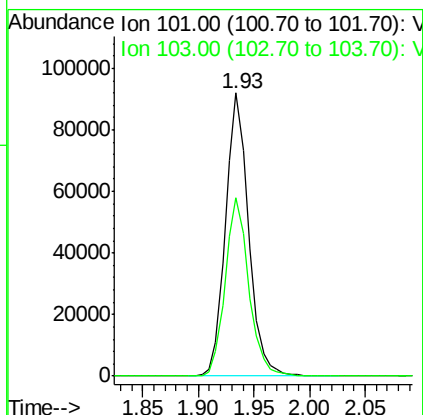
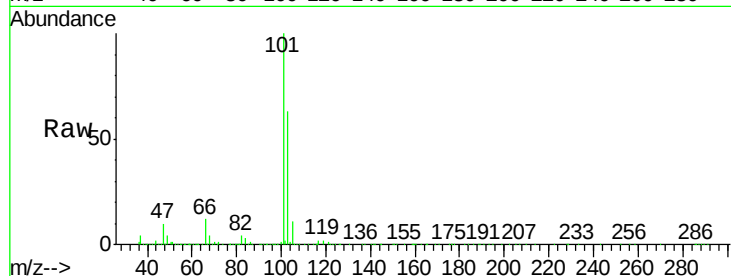


#7

Trichlorofluoromethane
Concen: 19.379 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBS01

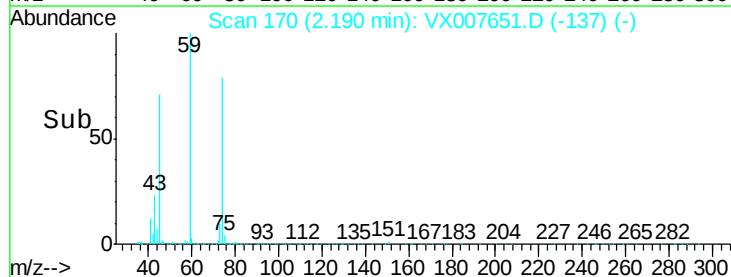
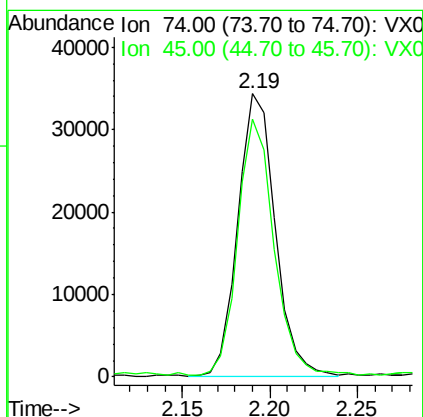
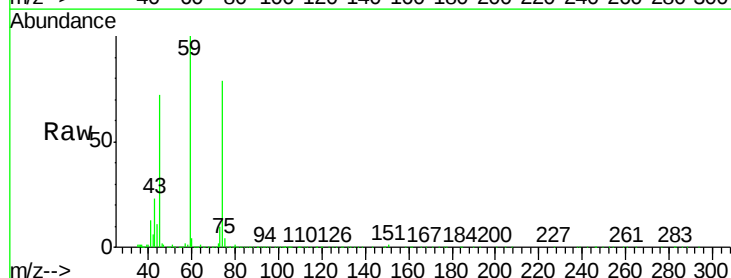
Tot Ion:101 Resp: 132459
Ion Ratio Lower Upper
101 100
103 62.8 50.4 75.6

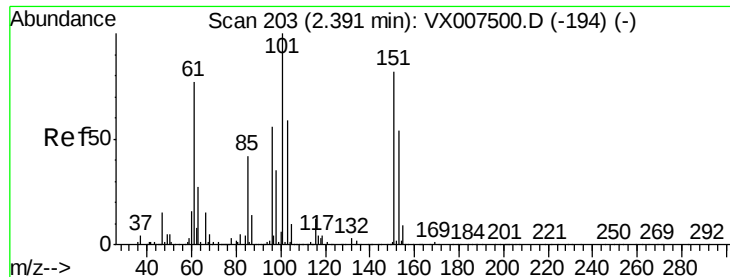


#8

Diethyl Ether
Concen: 18.562 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Tgt Ion: 74 Resp: 50682
Ion Ratio Lower Upper
74 100
45 87.4 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.490 ug/l

RT: 2.39 min Scan# 203

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

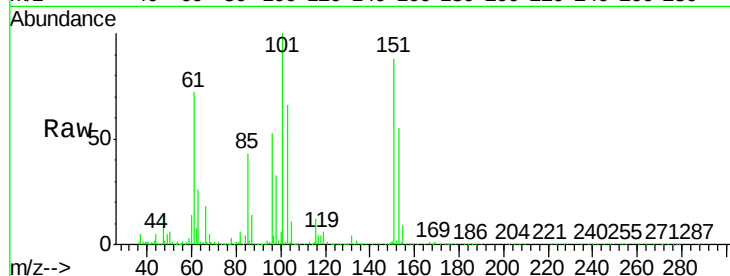
Tot Ion:101 Resp: 79020

Ion Ratio Lower Upper

101 100

85 42.4 0.0 86.8

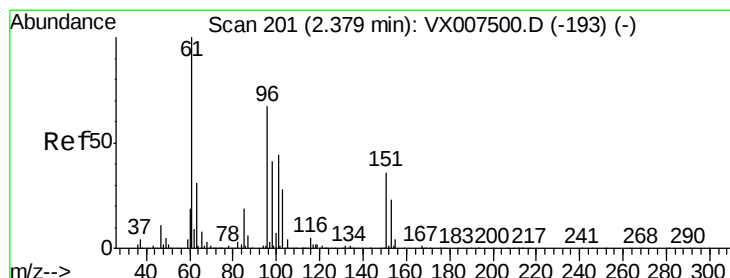
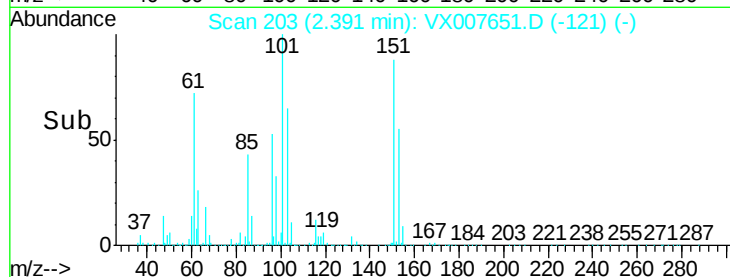
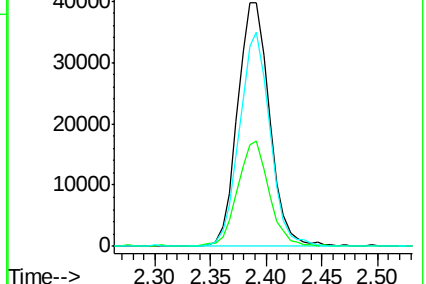
151 84.3 0.0 169.2



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: 19.460 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

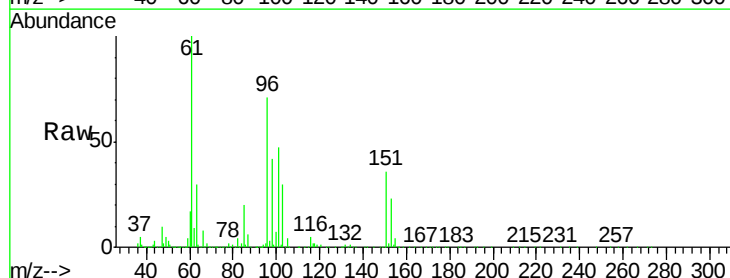
Tgt Ion: 96 Resp: 74470

Ion Ratio Lower Upper

96 100

61 139.7 120.2 180.2

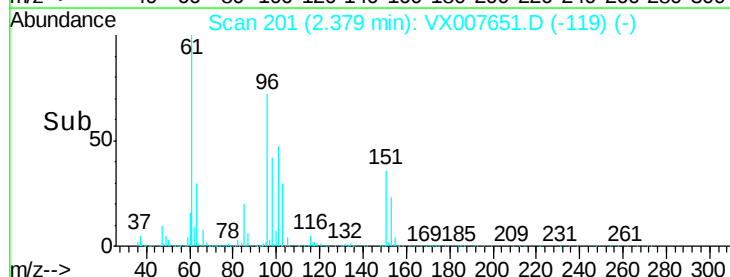
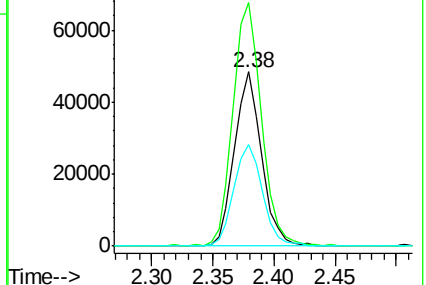
98 58.5 49.0 73.4

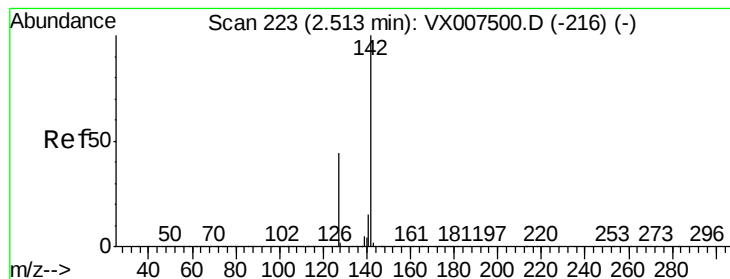


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methvl Iodide

Concen: 19.452 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

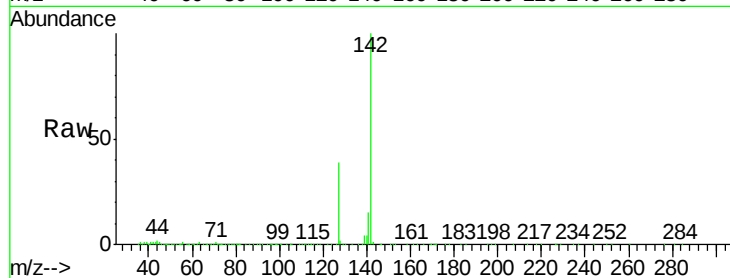
Tot Ion:142 Resp: 106984

Ion Ratio Lower Upper

142 100

127 39.2 22.1 66.5

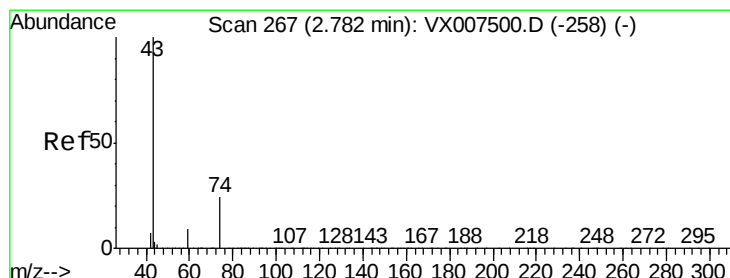
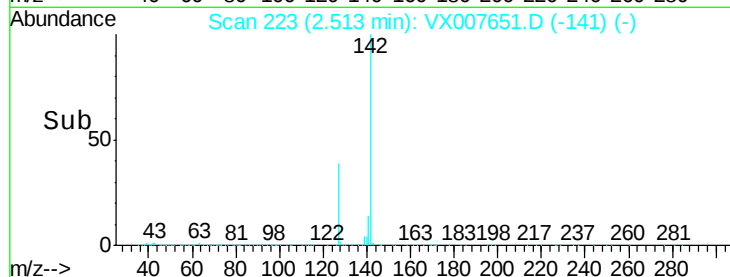
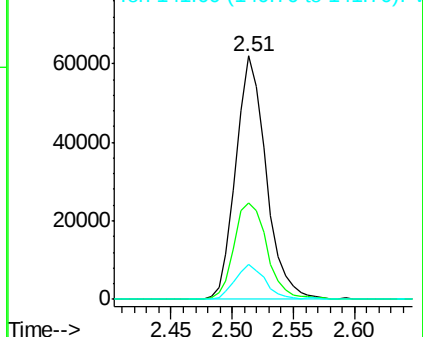
141 14.5 7.4 22.3



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 17.424 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007651.D

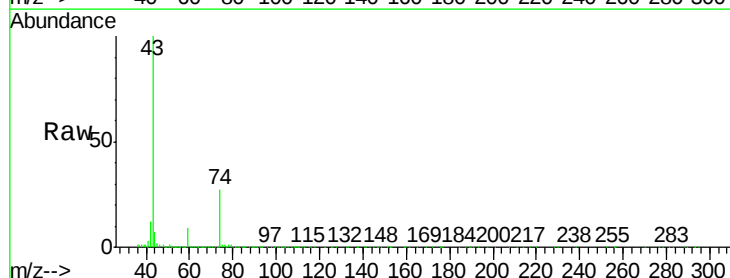
Acq: 22 Feb 2019 11:23

Tgt Ion: 43 Resp: 91952

Ion Ratio Lower Upper

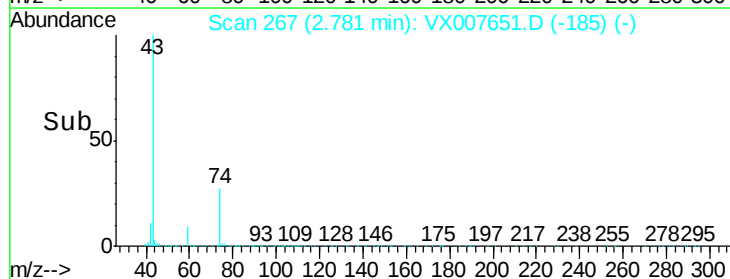
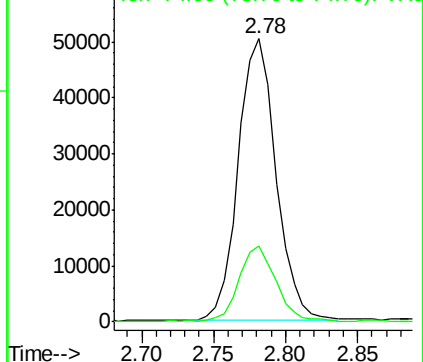
43 100

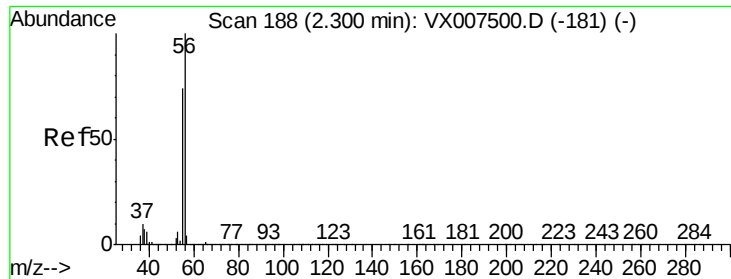
74 26.4 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 64.619 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

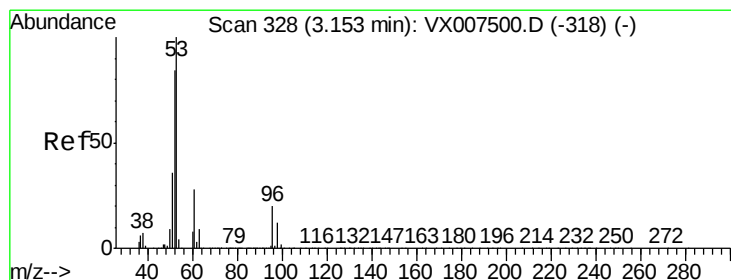
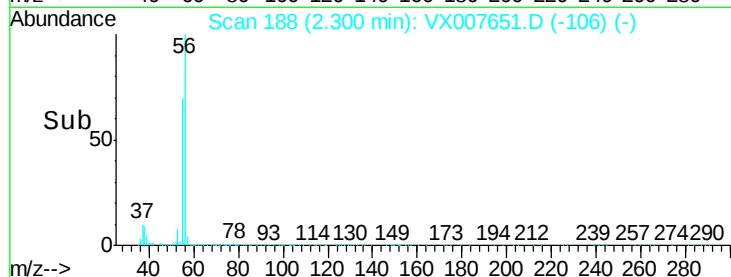
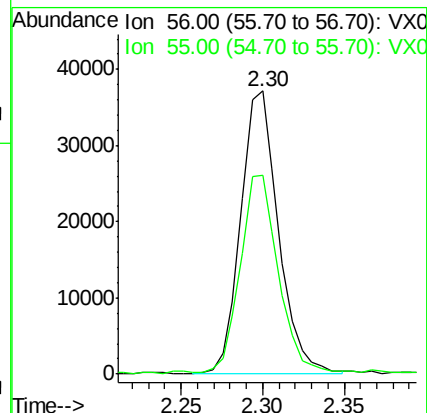
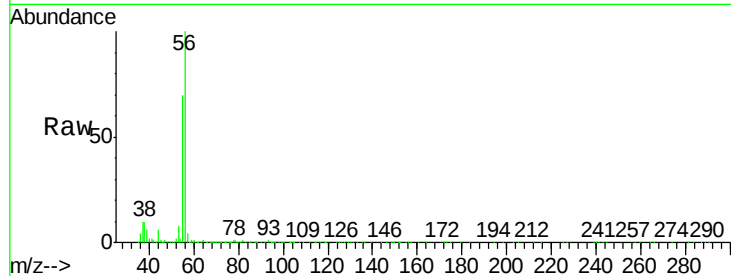
VX0222WBS01

Tot Ion: 56 Resp: 59487

Ion Ratio Lower Upper

56 100

55 71.0 58.6 87.8



#14

Acrylonitrile

Concen: 90.921 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

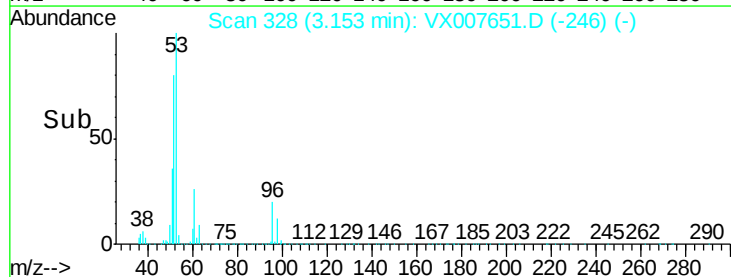
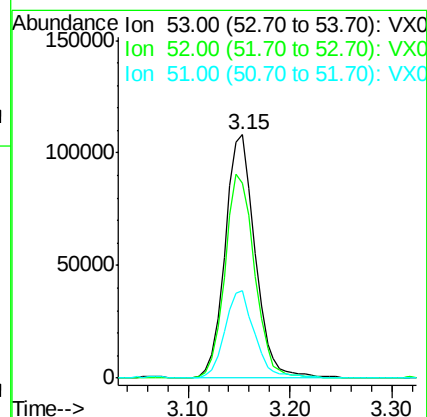
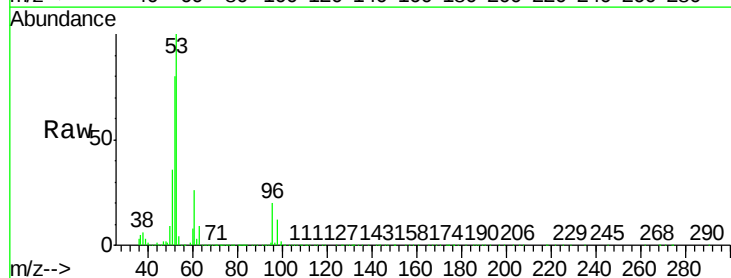
Tgt Ion: 53 Resp: 221087

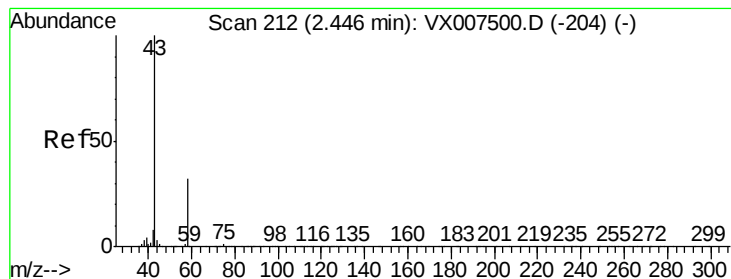
Ion Ratio Lower Upper

53 100

52 82.6 41.3 124.1

51 35.6 17.5 52.6





#15

Acetone

Concen: 99.162 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

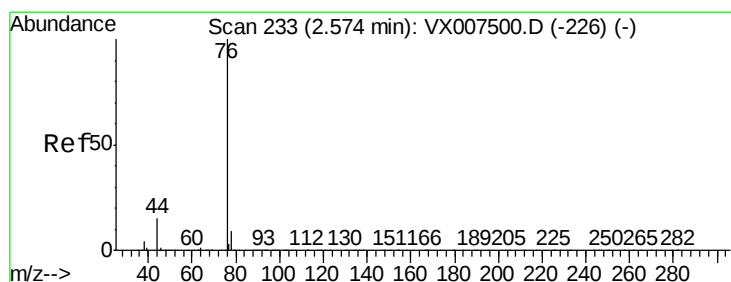
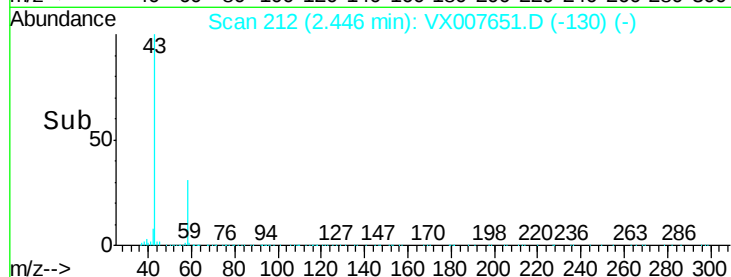
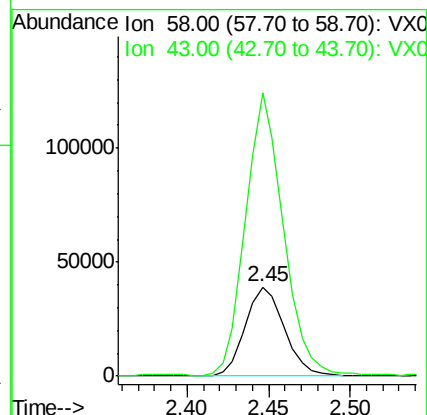
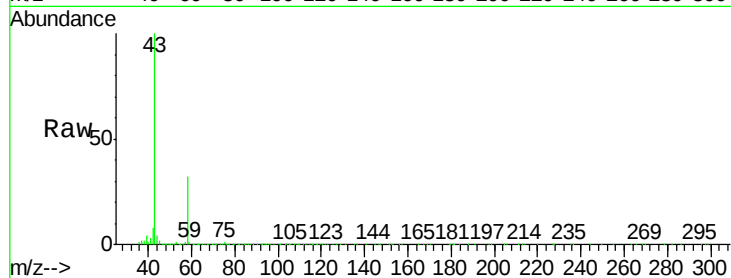
VX0222WBS01

Tot Ion: 58 Resp: 65439

Ion Ratio Lower Upper

58 100

43 316.7 249.8 374.6



#16

Carbon Disulfide

Concen: 18.587 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007651.D

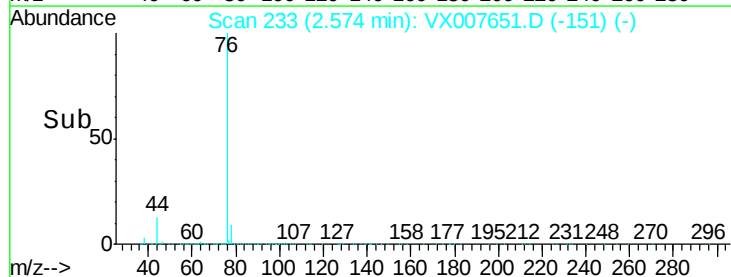
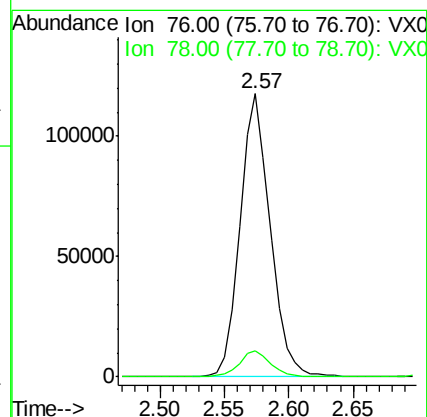
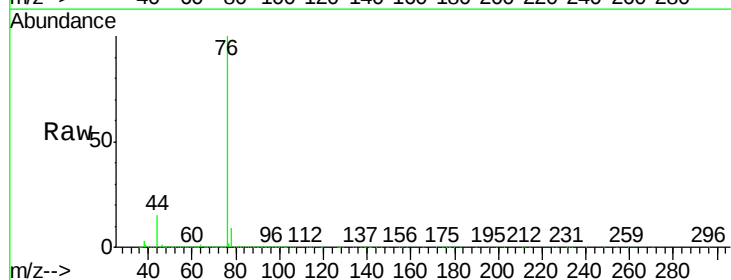
Acq: 22 Feb 2019 11:23

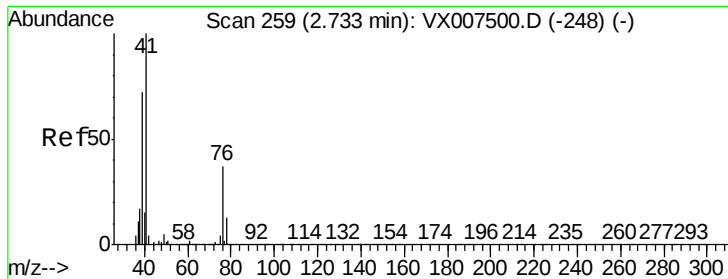
Tgt Ion: 76 Resp: 188627

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

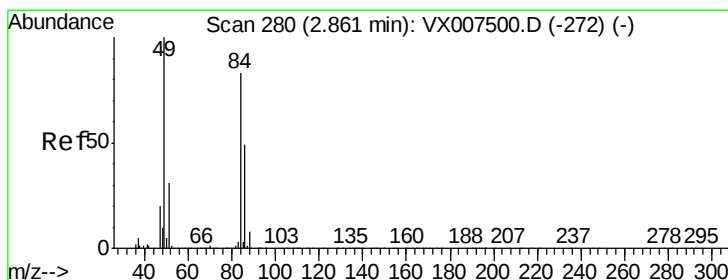
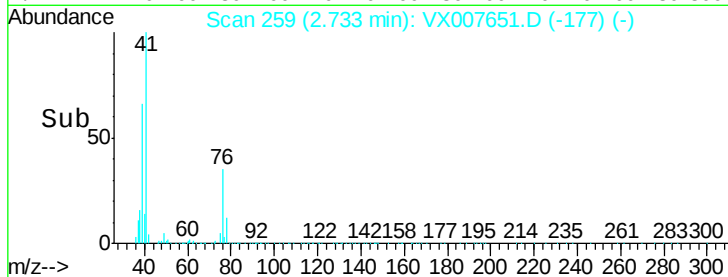
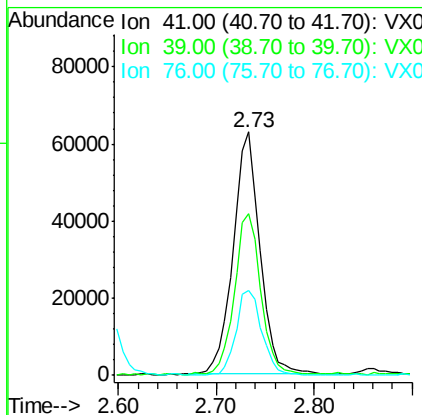
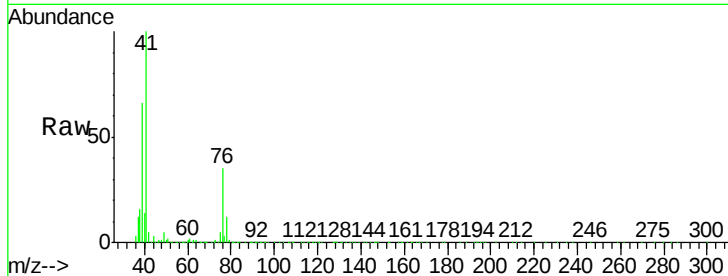




#17
Allvl chloride
Concen: 18.197 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

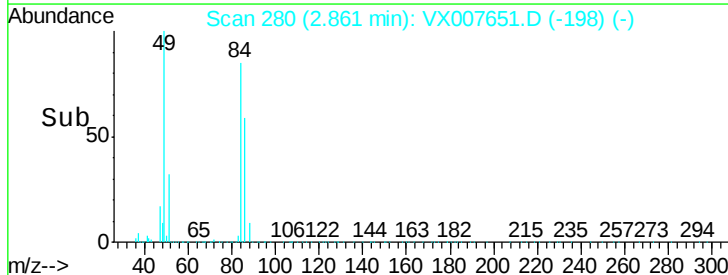
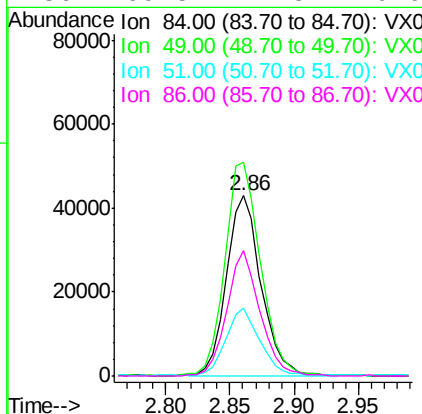
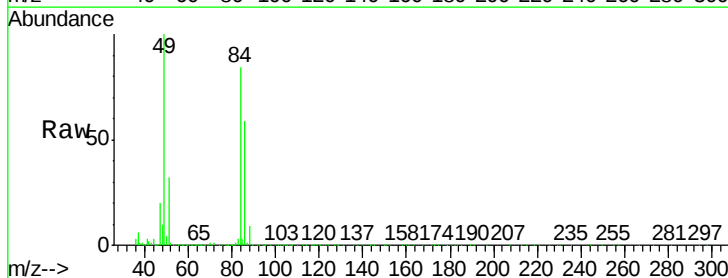
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBS01

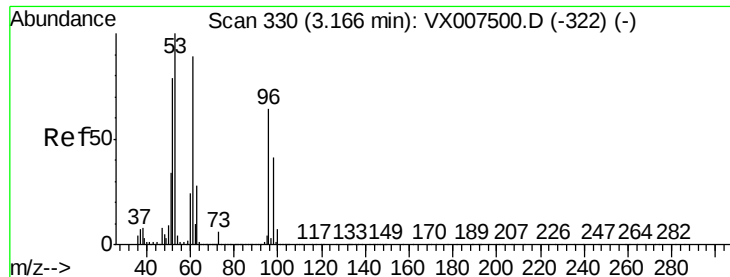
Tot Ion: 41 Resp: 119311
Ion Ratio Lower Upper
41 100
39 66.2 35.8 107.4
76 35.1 18.3 54.9



#18
Methylene Chloride
Concen: 18.791 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Tgt Ion: 84 Resp: 80865
Ion Ratio Lower Upper
84 100
49 118.5 96.1 144.1
51 37.7 29.1 43.7
86 69.5 47.3 70.9





#19

trans-1,2-Dichloroethene

Concen: 18.706 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

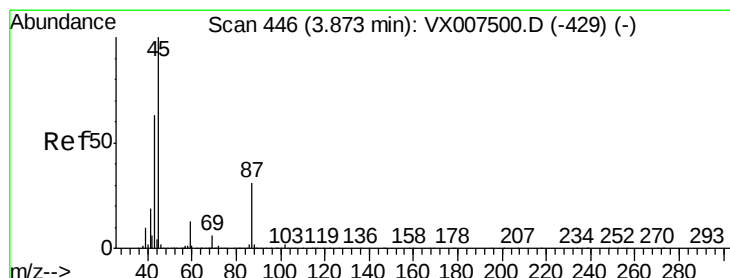
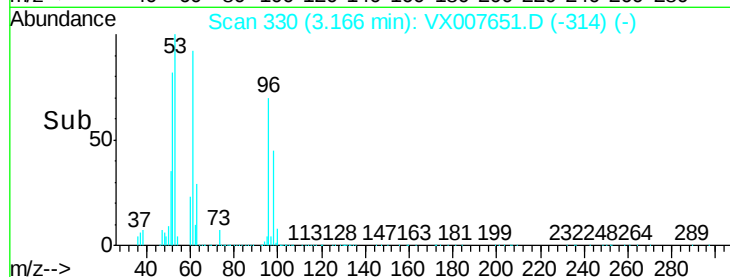
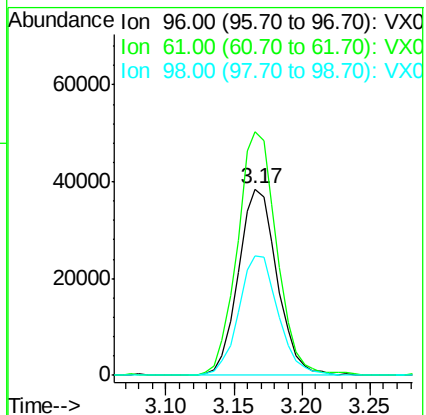
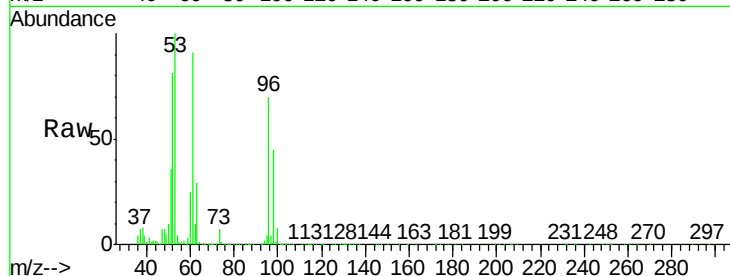
Tot Ion: 96 Resp: 76566

Ion Ratio Lower Upper

96 100

61 130.4 109.9 164.9

98 63.8 50.4 75.6



#20

Diisopropyl ether

Concen: 19.603 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Tgt Ion: 45 Resp: 242903

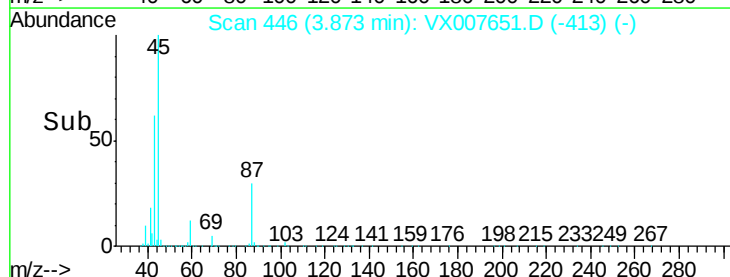
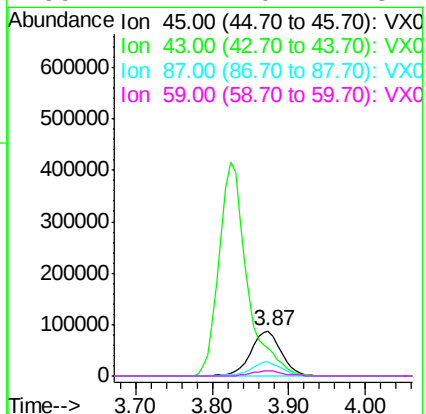
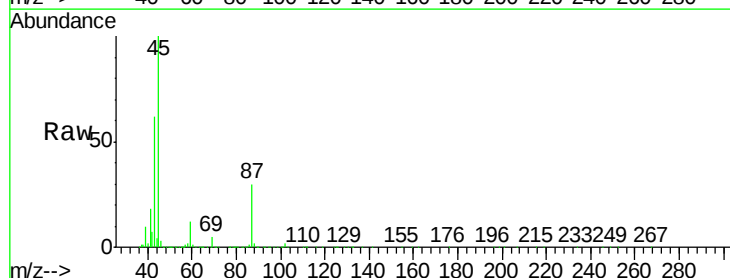
Ion Ratio Lower Upper

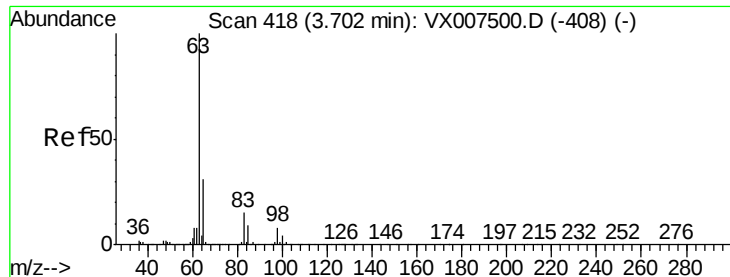
45 100

43 61.6 50.6 76.0

87 30.3 24.5 36.7

59 12.1 10.2 15.2





#21

1,1-Dichloroethane

Concen: 19.926 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

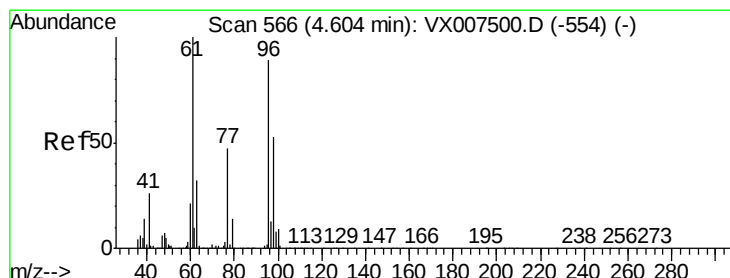
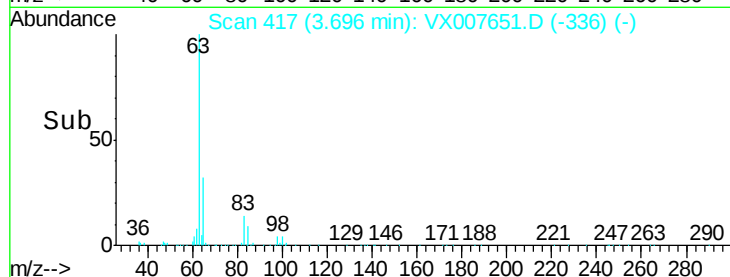
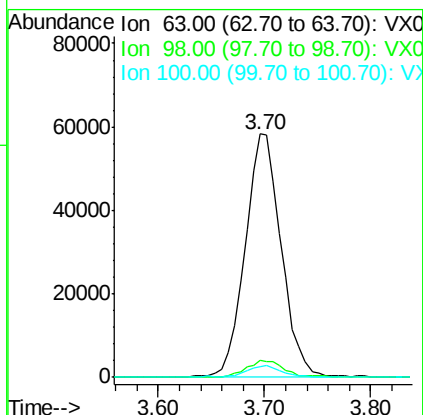
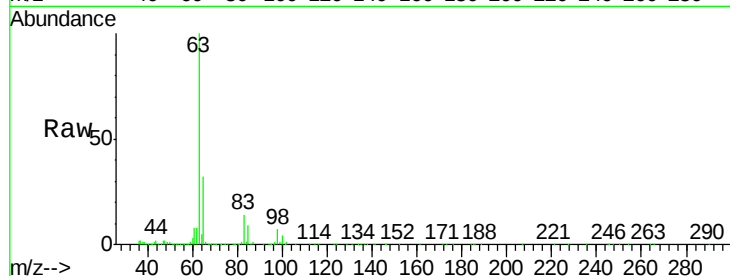
Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

Tot Ion:	63	Resp:	138416
Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.8	11.4
100	4.2	2.4	7.1



#22

cis-1,2-Dichloroethene

Concen: 19.530 ug/l

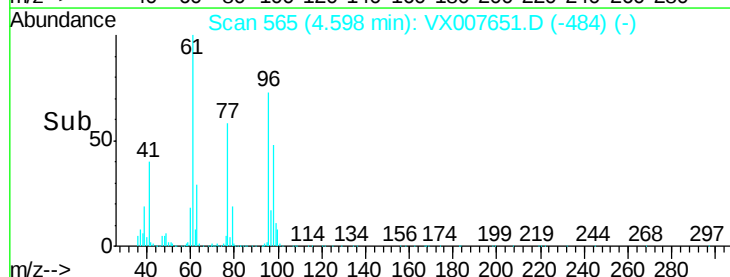
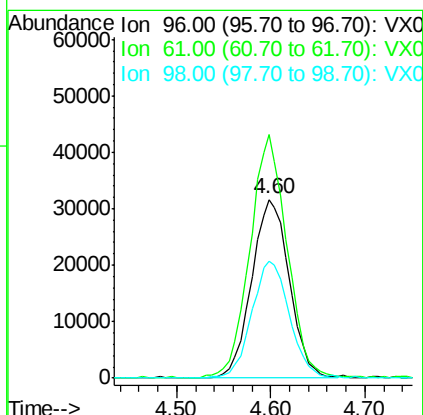
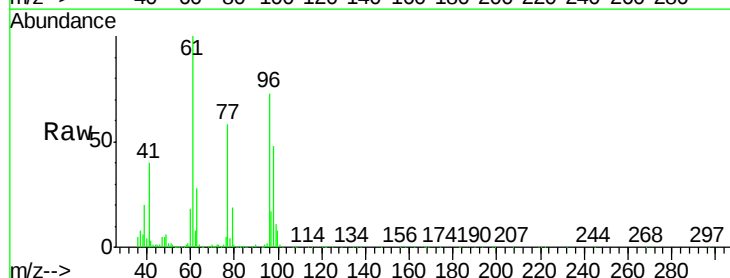
RT: 4.60 min Scan# 565

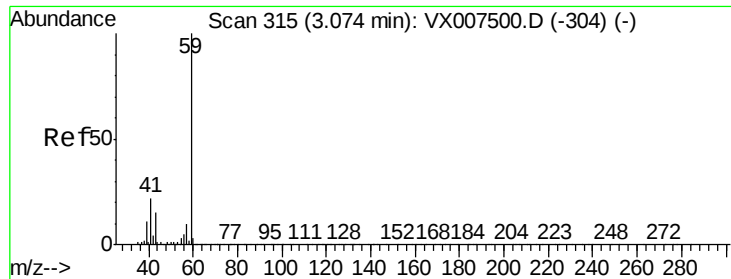
Delta R.T. -0.01 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Tgt Ion:	96	Resp:	88959
Ion	Ratio	Lower	Upper
96	100		
61	133.6	103.5	155.3
98	64.8	52.1	78.1



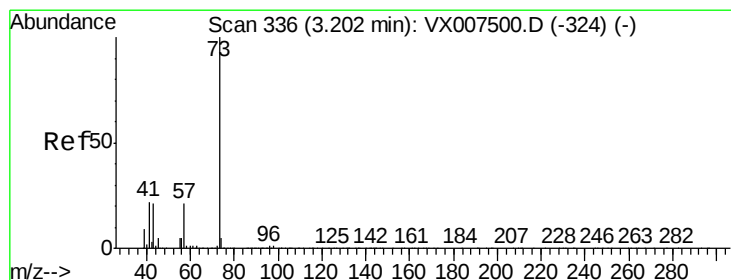
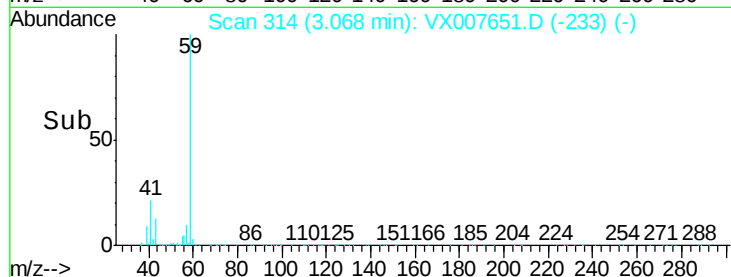
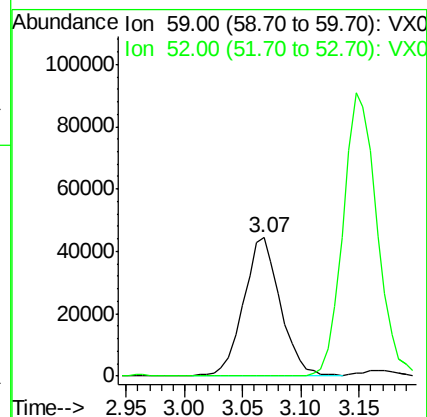
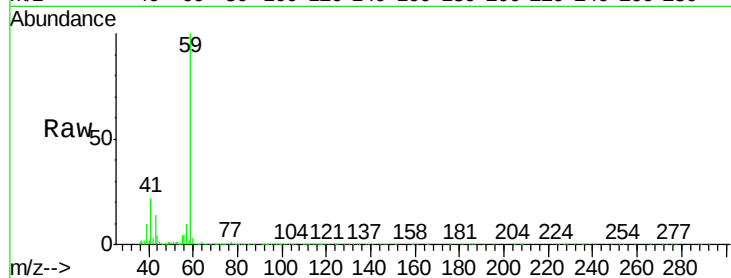


#23

tert-Butyl Alcohol
 Concen: 95.418 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007651.D
 Acq: 22 Feb 2019 11:23

Instrument :
 MSVOA_X
 ClientSampled :
 VX0222WBS01

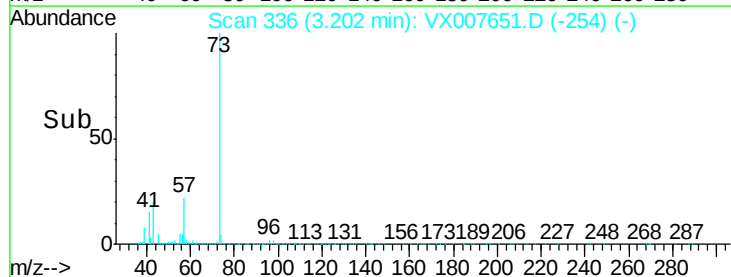
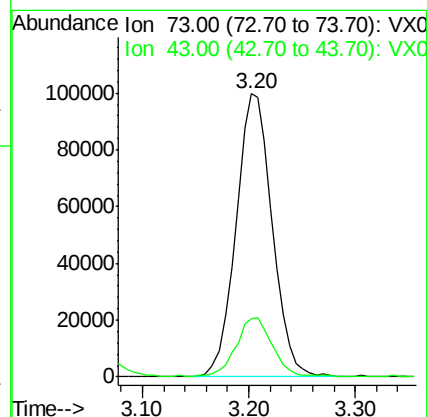
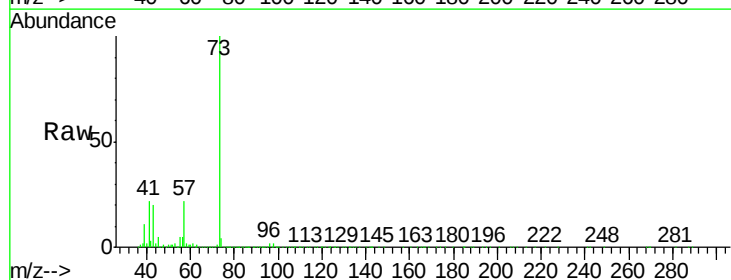
Tot Ion: 59 Resp: 97521
 Ion Ratio Lower Upper
 59 100
 52 0.9 0.2 0.2#

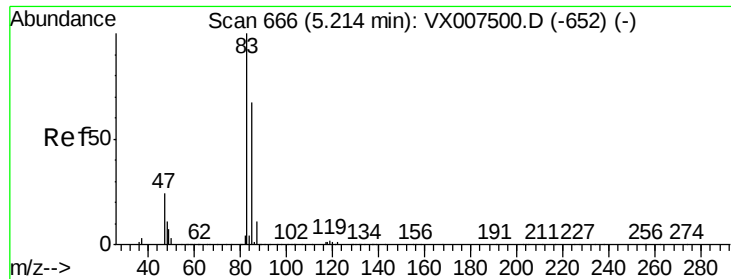


#24

Methyl tert-Butyl Ether
 Concen: 17.866 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX007651.D
 Acq: 22 Feb 2019 11:23

Tgt Ion: 73 Resp: 237266
 Ion Ratio Lower Upper
 73 100
 43 20.5 17.1 25.7





#25

Chloroform

Concen: 19.834 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampled :

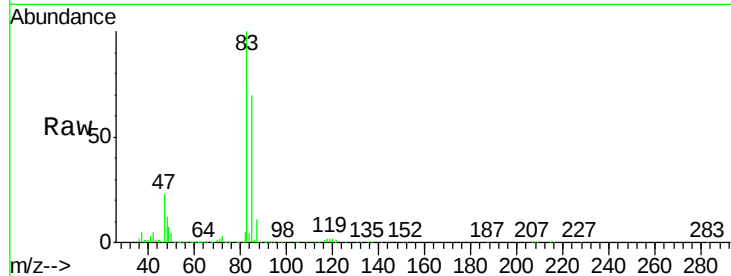
VX0222WBS01

Tot Ion: 83 Resp: 145514

Ion Ratio Lower Upper

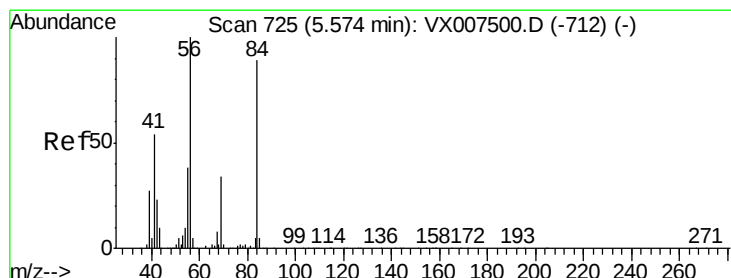
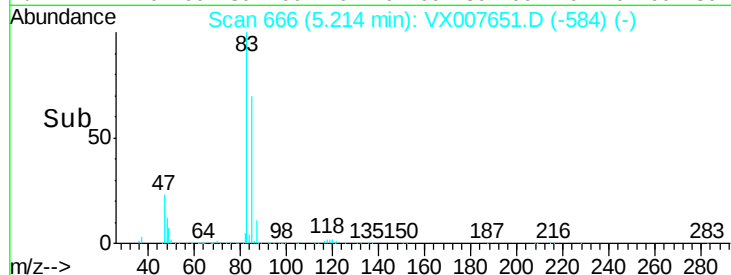
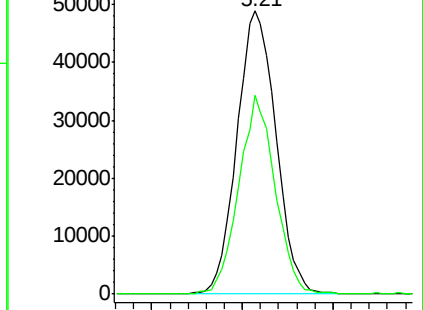
83 100

85 70.0 53.8 80.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 19.816 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

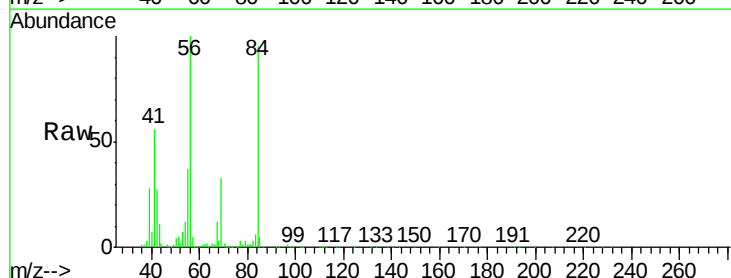
Tgt Ion: 56 Resp: 115427

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

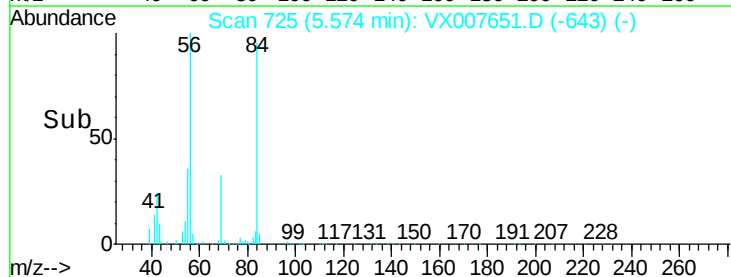
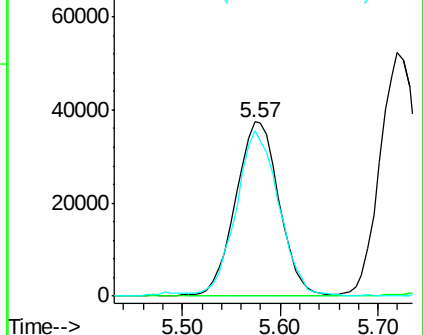
84 92.9 73.9 110.9

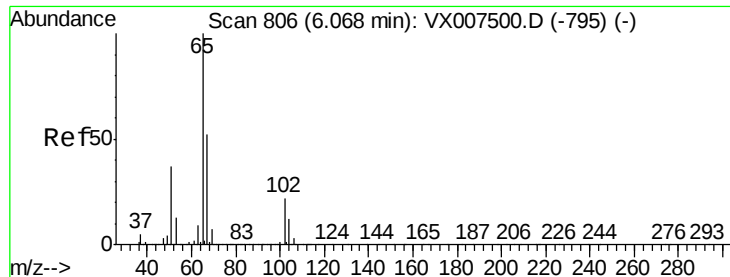


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 30.401 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

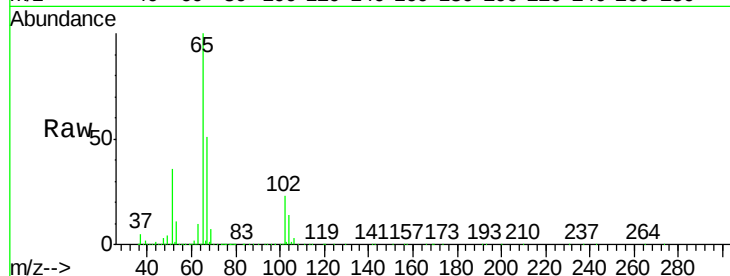
VX0222WBS01

Tot Ion: 65 Resp: 136982

Ion Ratio Lower Upper

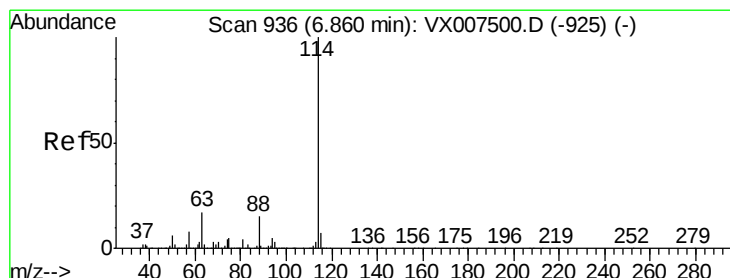
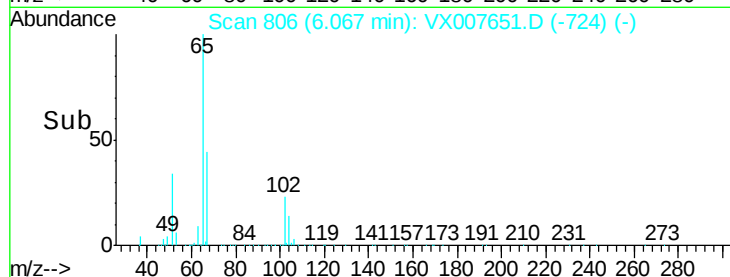
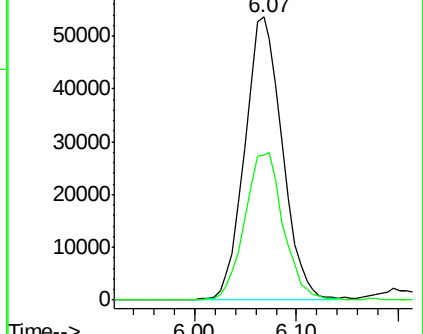
65 100

67 53.5 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

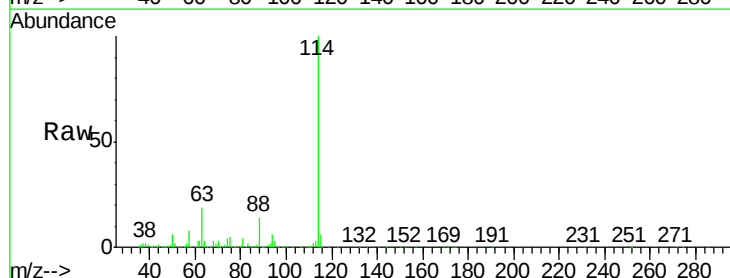
Tgt Ion: 114 Resp: 363039

Ion Ratio Lower Upper

114 100

63 18.1 14.2 21.4

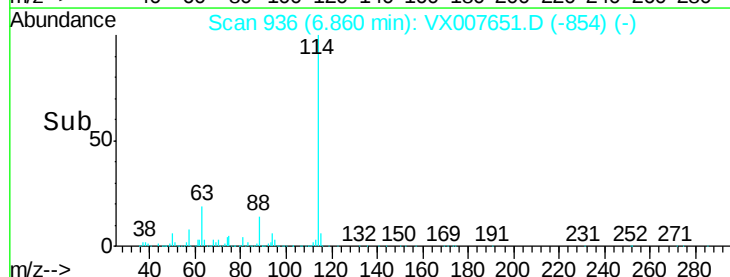
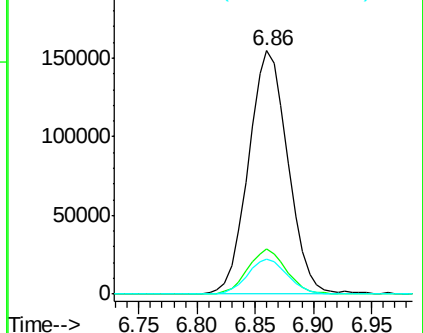
88 14.7 11.9 17.9

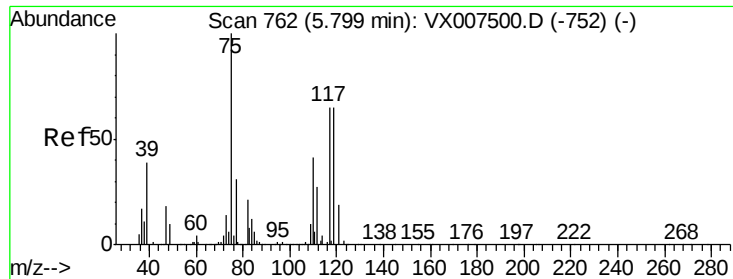


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 20.074 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

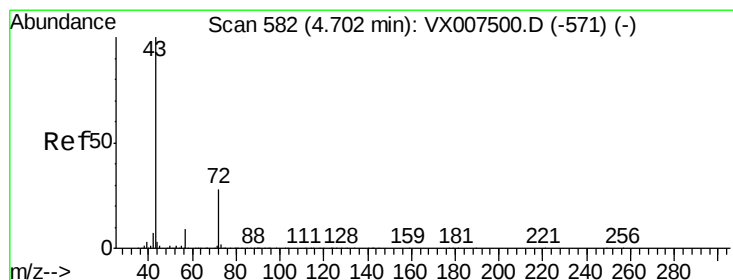
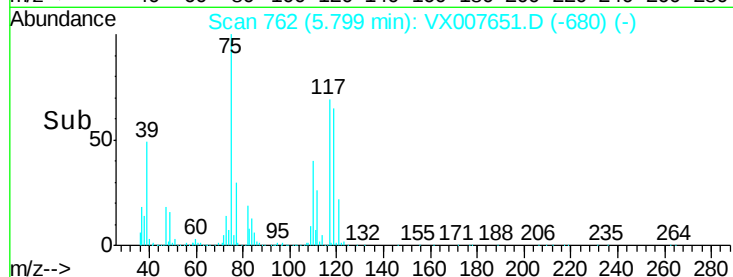
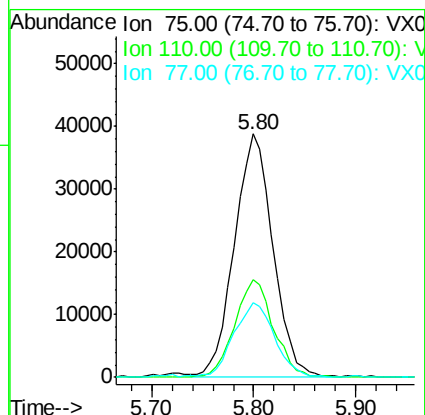
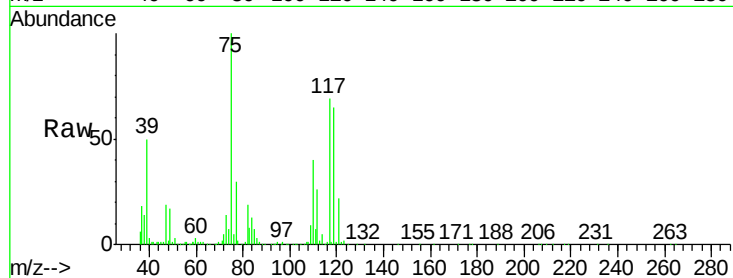
Tot Ion: 75 Resp: 101655

Ion Ratio Lower Upper

75 100

110 40.6 0.0 80.8

77 32.6 0.0 62.4



#30

2-Butanone

Concen: 103.347 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

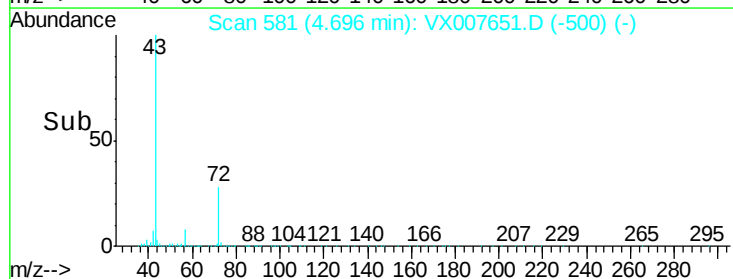
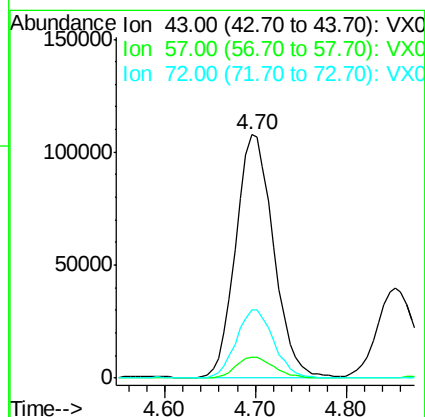
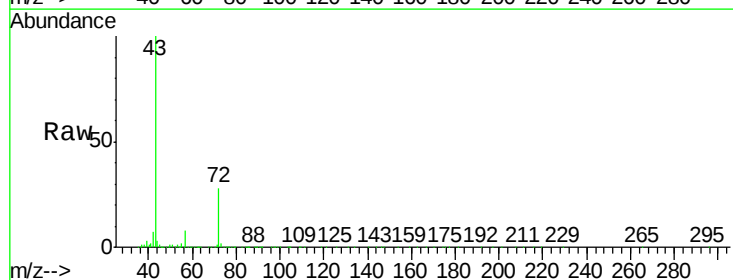
Tgt Ion: 43 Resp: 309714

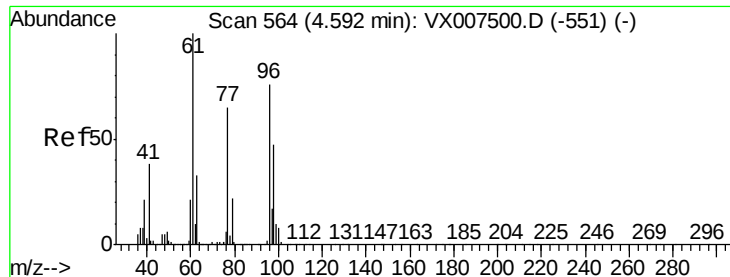
Ion Ratio Lower Upper

43 100

57 8.4 7.0 10.6

72 27.8 21.5 32.3





#31

2,2-Dichloropropane

Concen: 23.394 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.01 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

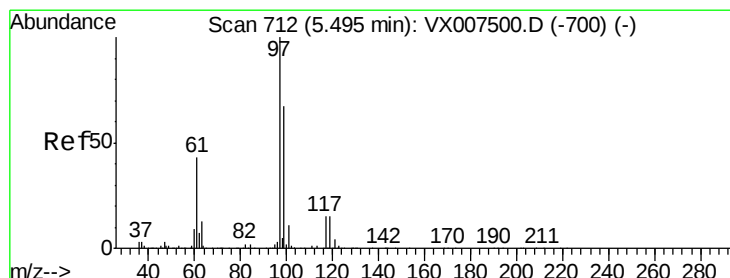
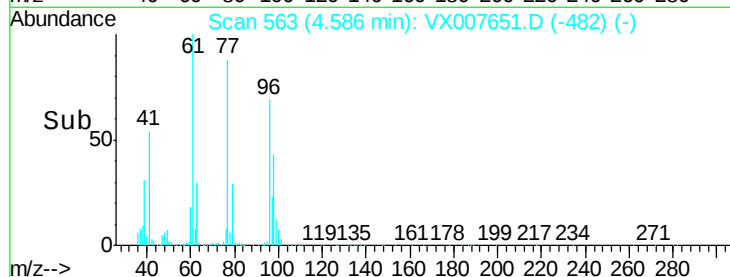
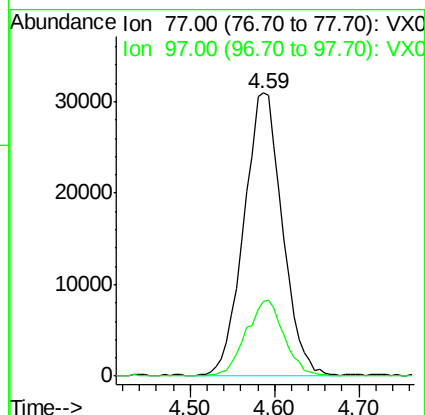
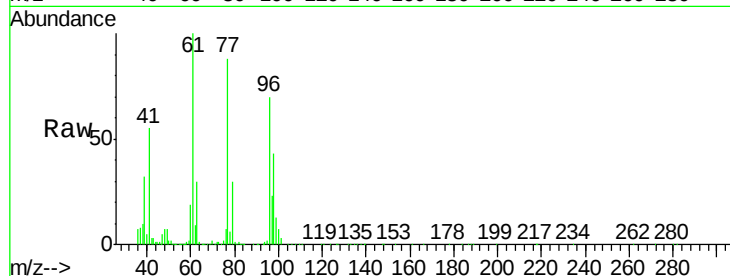
VX0222WBS01

Tot Ion: 77 Resp: 96251

Ion Ratio Lower Upper

77 100

97 26.6 20.6 31.0



#32

1,1,1-Trichloroethane

Concen: 20.425 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

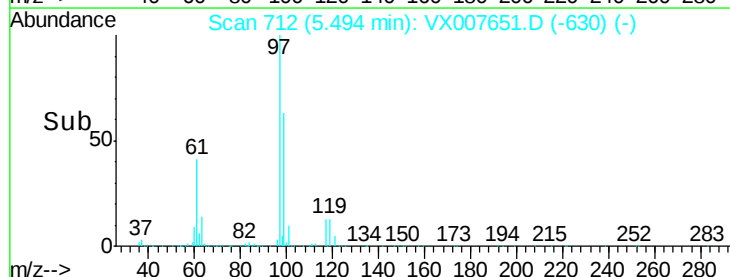
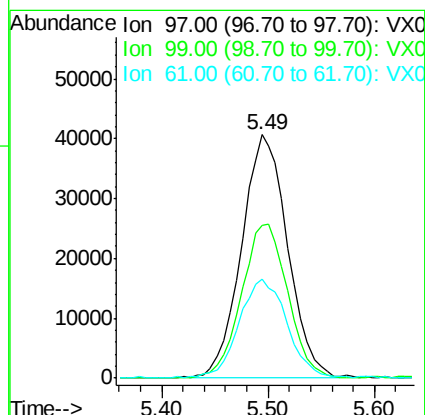
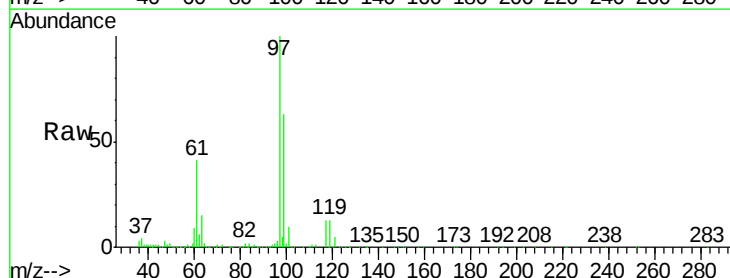
Tgt Ion: 97 Resp: 123630

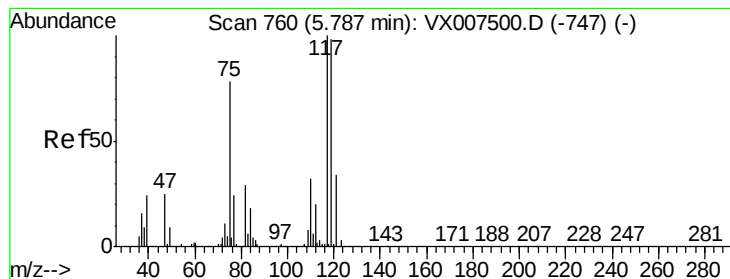
Ion Ratio Lower Upper

97 100

99 63.5 51.7 77.5

61 41.2 32.8 49.2





#33

Carbon Tetrachloride

Concen: 20.180 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

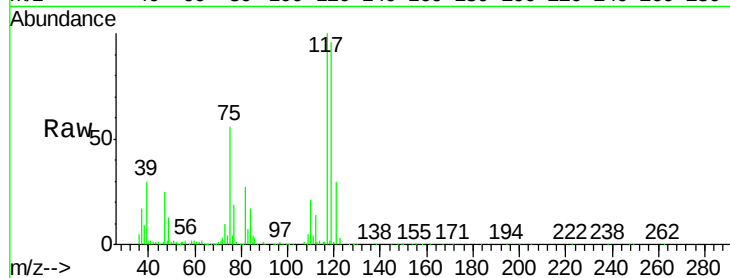
Tot Ion:117 Resp: 107975

Ion Ratio Lower Upper

117 100

119 96.4 78.1 117.1

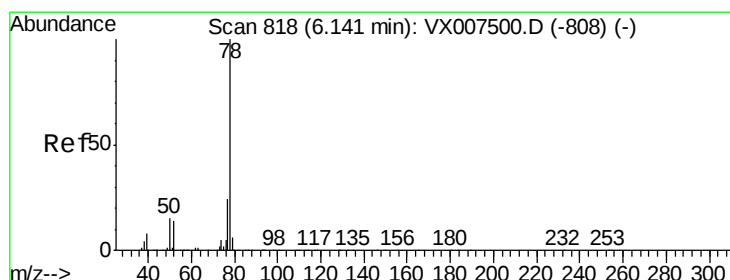
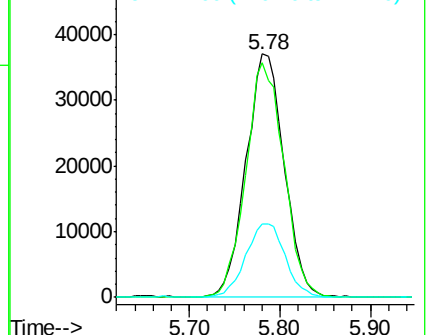
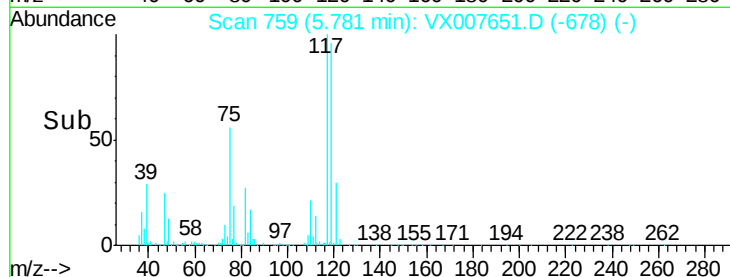
121 30.1 27.0 40.6



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: 20.023 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

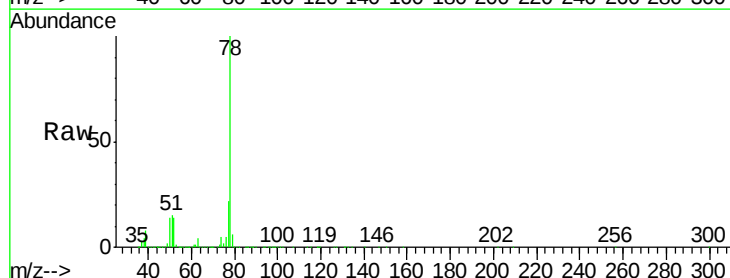
Tgt Ion: 78 Resp: 319658

Ion Ratio Lower Upper

78 100

77 21.8 19.1 28.7

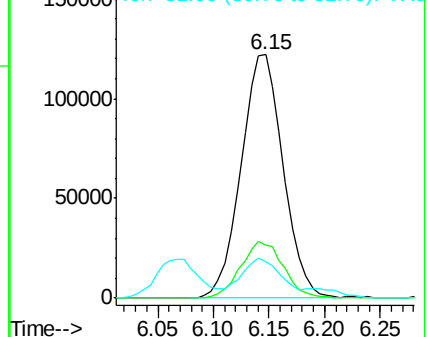
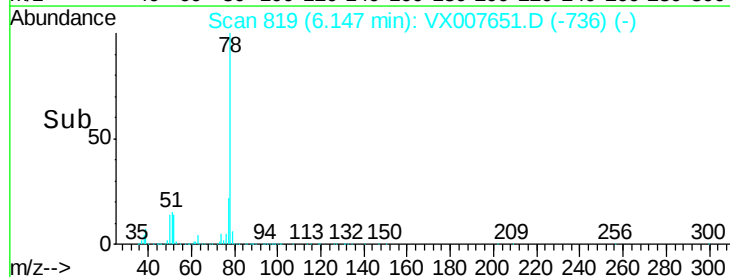
51 12.6 10.8 16.2

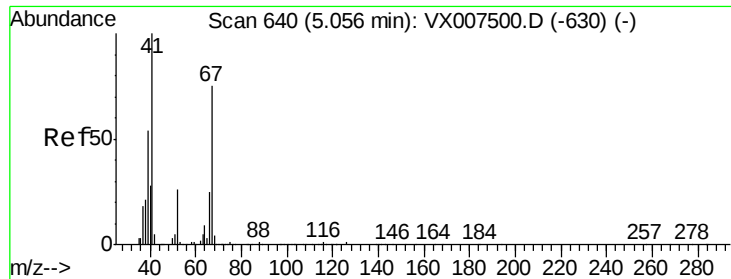


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

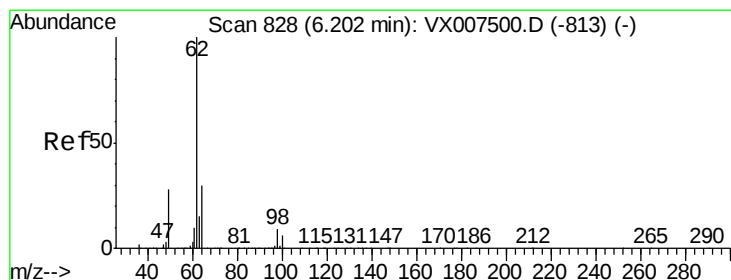
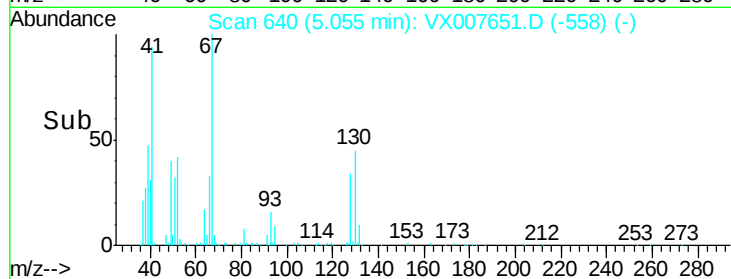
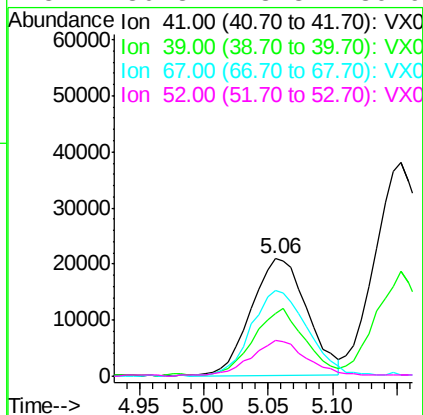
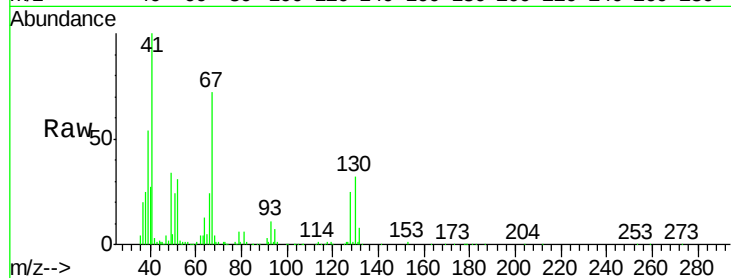




#35
Methacrylonitrile
Concen: 20.120 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

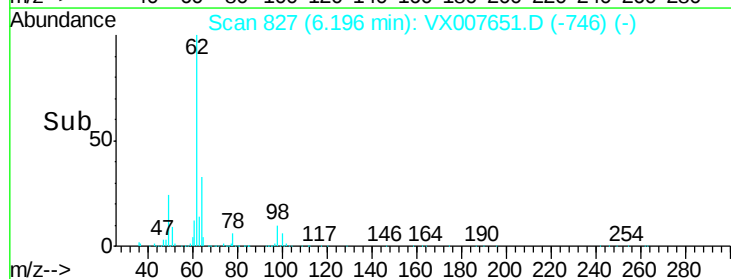
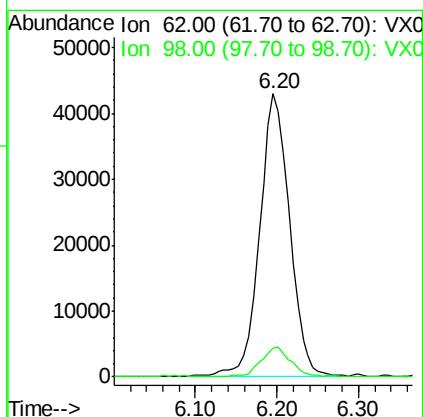
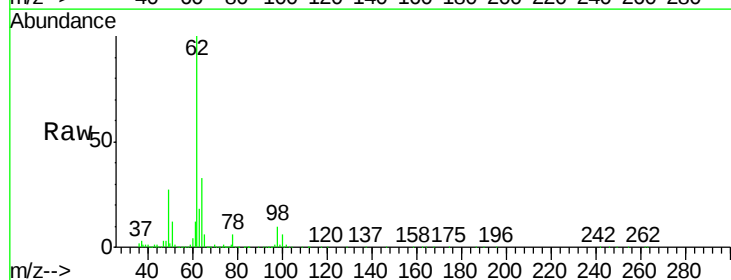
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBS01

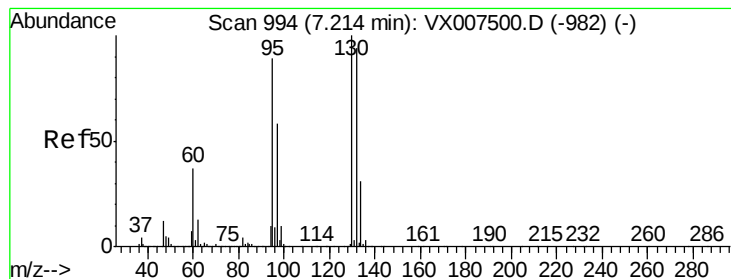
Tot Ion:	41	Resp:	62693
Ion	Ratio	Lower	Upper
41	100		
39	53.1	27.4	82.0
67	72.8	37.9	113.6
52	30.3	13.3	39.9



#36
1,2-Dichloroethane
Concen: 20.327 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.01 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Tgt Ion:	62	Resp:	110434
Ion	Ratio	Lower	Upper
62	100		
98	10.1	7.8	11.8





#37

Trichloroethene

Concen: 20.294 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

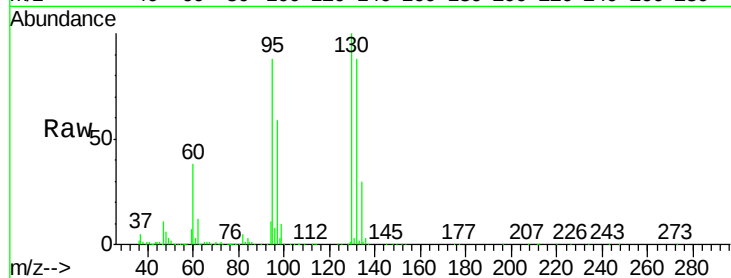
VX0222WBS01

Tot Ion:130 Resp: 93147

Ion Ratio Lower Upper

130 100

95 87.6 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

50000

40000

30000

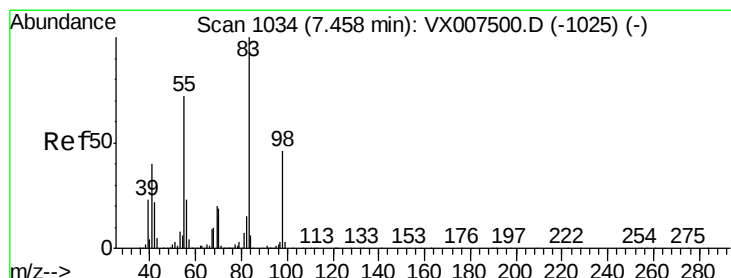
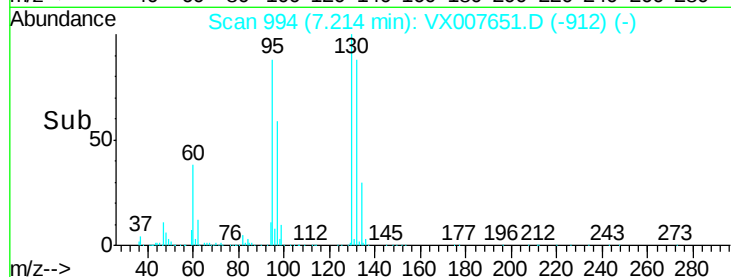
20000

10000

0

Time-->

7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 21.122 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

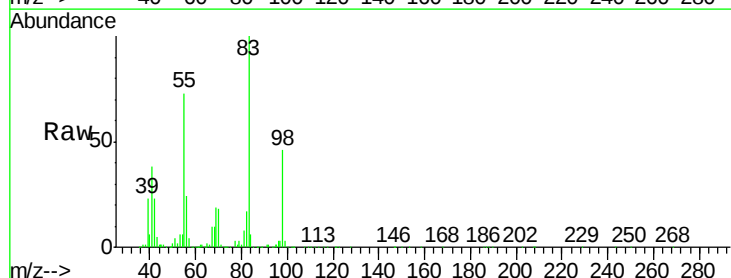
Tgt Ion: 83 Resp: 123819

Ion Ratio Lower Upper

83 100

55 71.8 36.0 108.0

98 47.1 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

7.46

60000

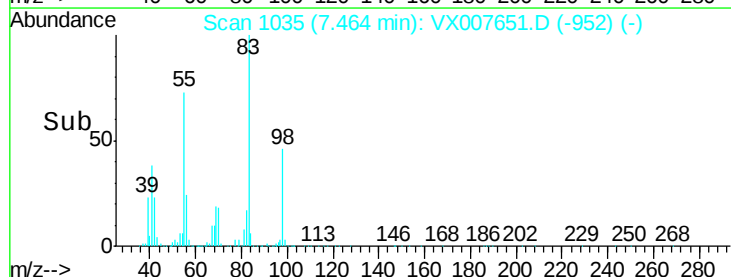
40000

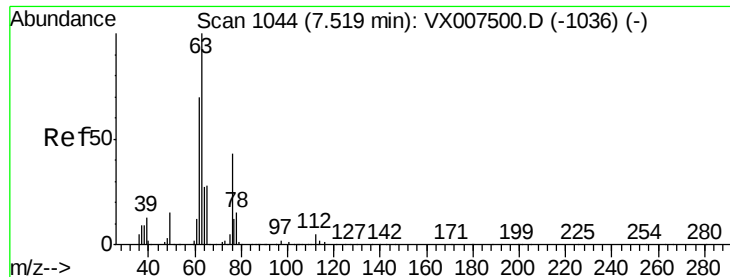
20000

0

Time-->

7.35 7.40 7.45 7.50 7.55

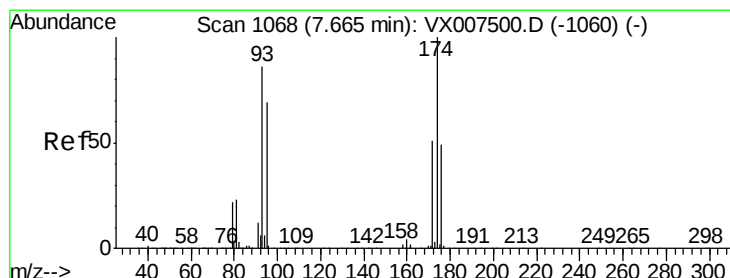
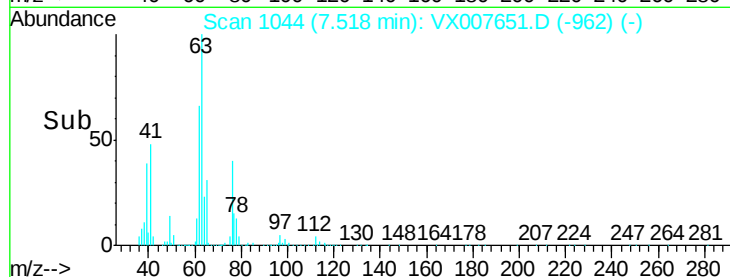
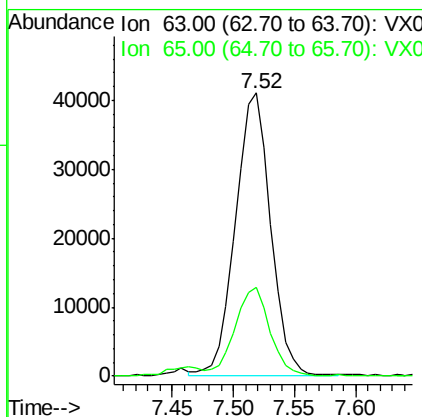
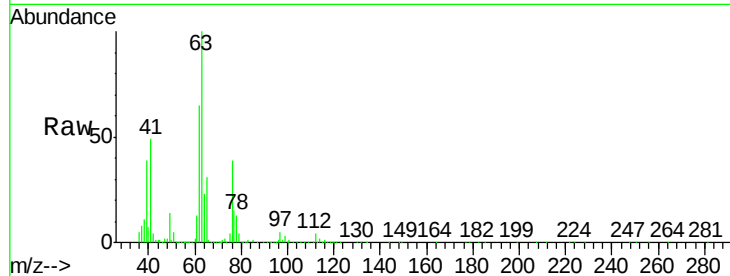




#39
 1,2-Dichloropropane
 Concen: 20.542 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX007651.D
 Acq: 22 Feb 2019 11:23

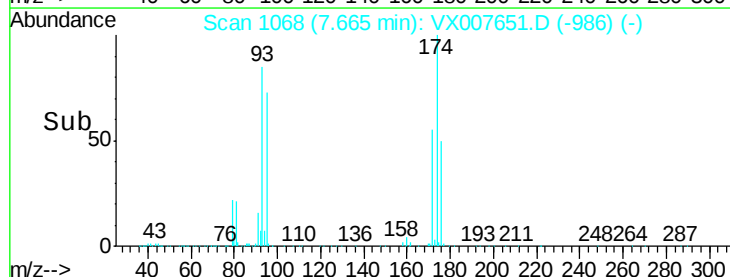
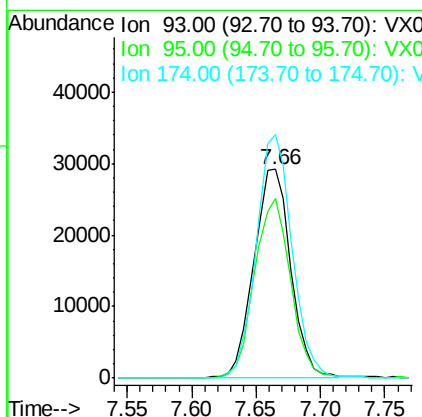
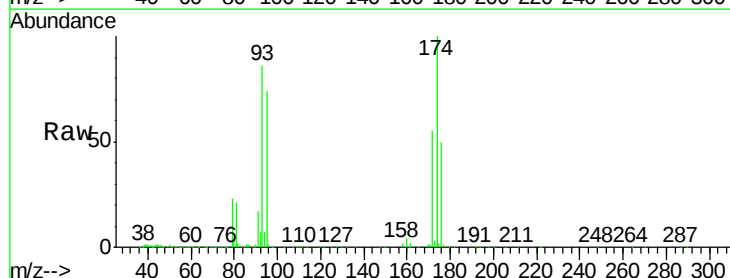
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBS01

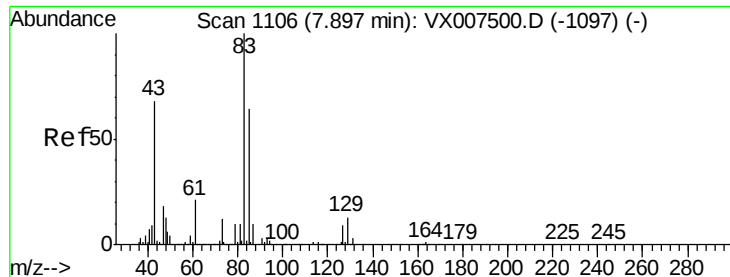
Tot Ion: 63 Resp: 81569
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.6 37.0



#40
 Dibromomethane
 Concen: 20.183 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX007651.D
 Acq: 22 Feb 2019 11:23

Tgt Ion: 93 Resp: 57880
 Ion Ratio Lower Upper
 93 100
 95 83.4 0.0 158.8
 174 113.1 0.0 224.2





#41

Bromodichloromethane

Concen: 19.921 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

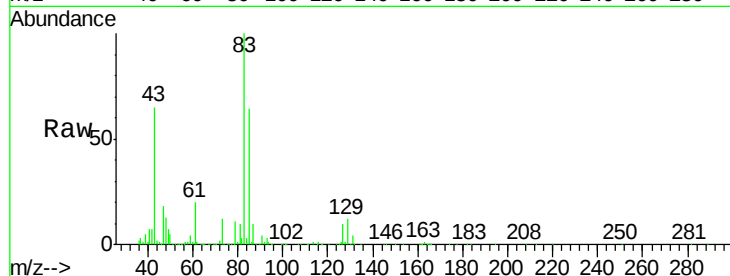
Tot Ion: 83 Resp: 101383

Ion Ratio Lower Upper

83 100

85 63.8 51.1 76.7

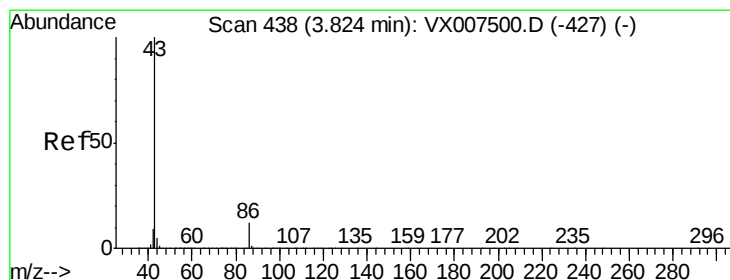
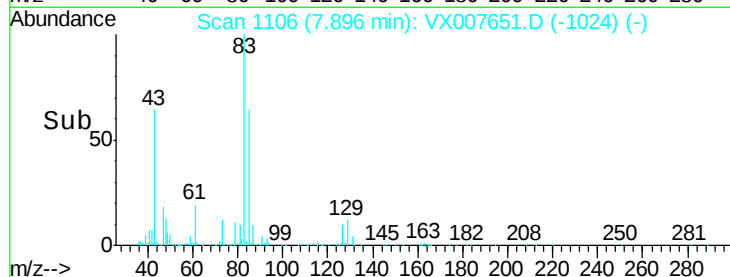
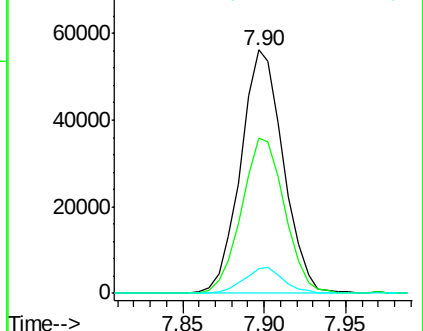
127 10.1 7.2 10.8



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: 100.793 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007651.D

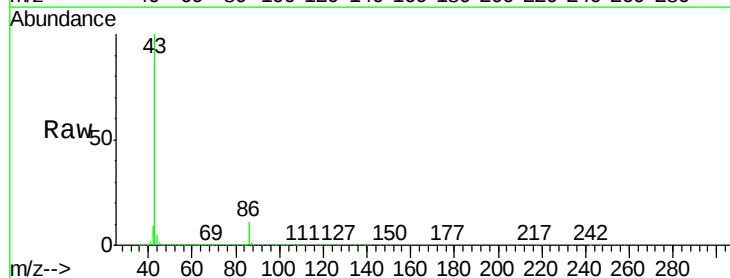
Acq: 22 Feb 2019 11:23

Tgt Ion: 43 Resp: 1057291

Ion Ratio Lower Upper

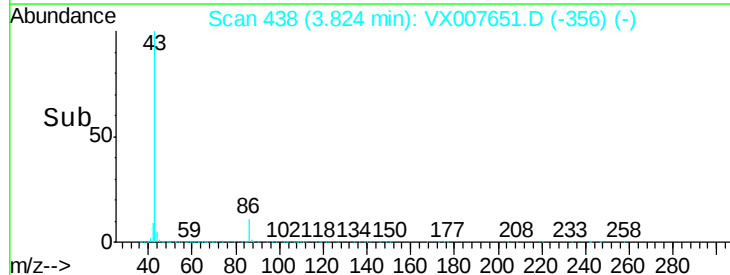
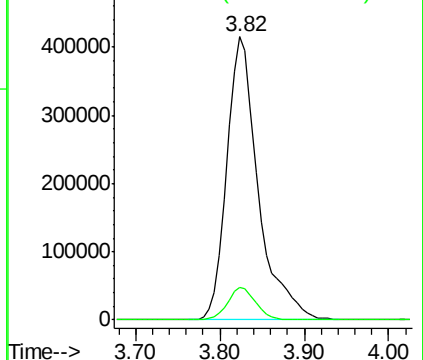
43 100

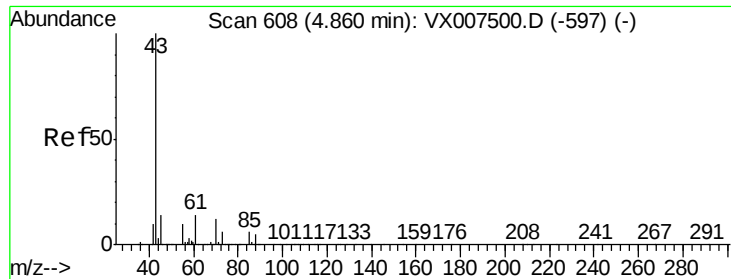
86 10.2 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

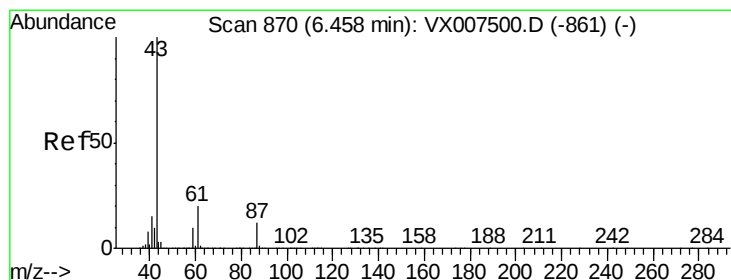
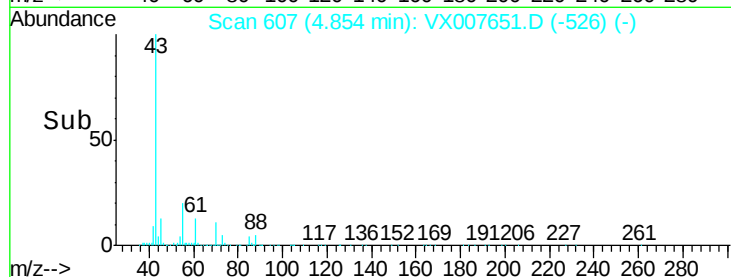
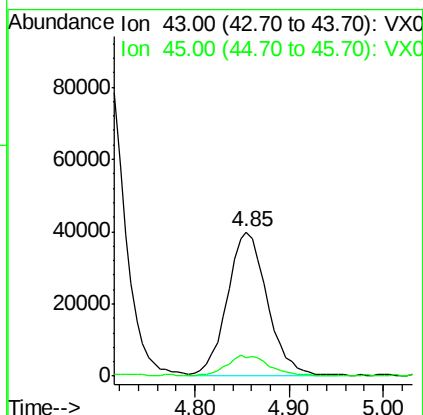
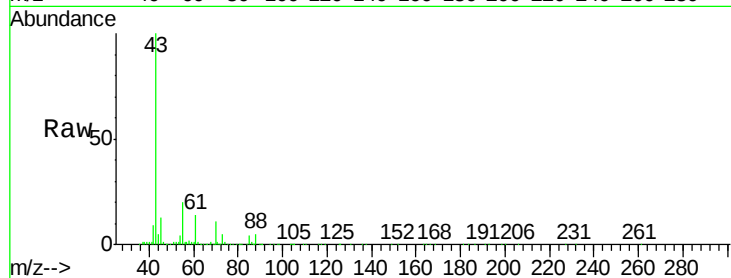




#43
Ethyl Acetate
Concen: 20.352 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

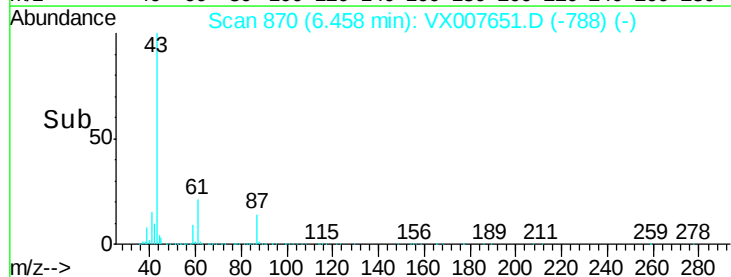
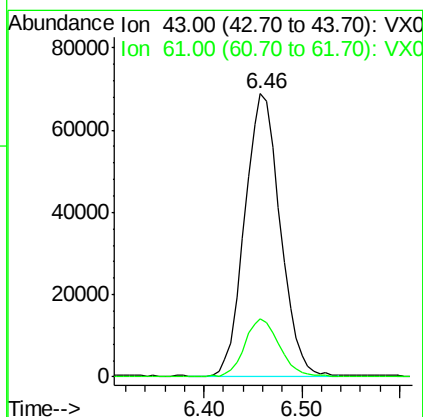
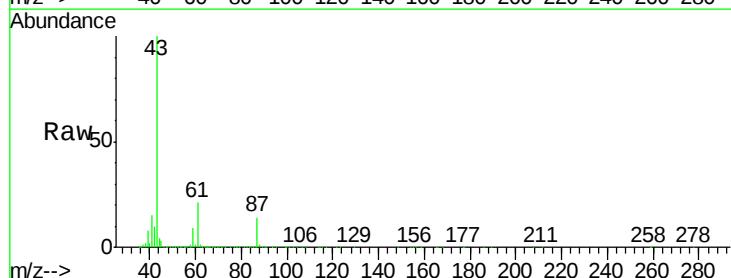
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBS01

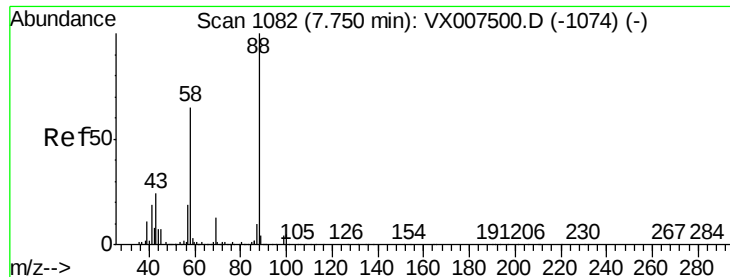
Tot Ion: 43 Resp: 116800
Ion Ratio Lower Upper
43 100
45 7.2 6.9 10.3



#44
Isopropyl Acetate
Concen: 19.559 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Tgt Ion: 43 Resp: 173307
Ion Ratio Lower Upper
43 100
61 20.1 16.1 24.1





#45

1,4-Dioxane

Concen: 407.516 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

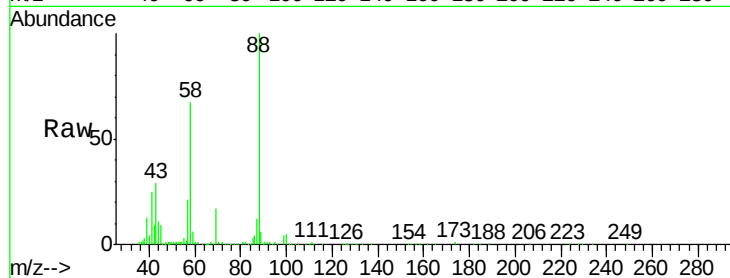
Tot Ion: 88 Resp: 42616

Ion Ratio Lower Upper

88 100

43 30.9 23.6 35.4

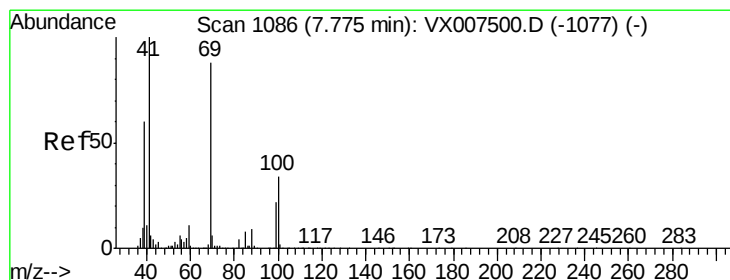
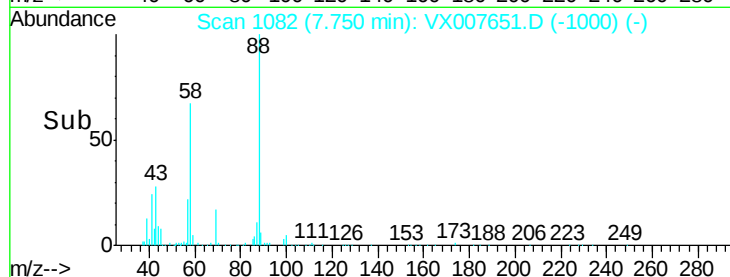
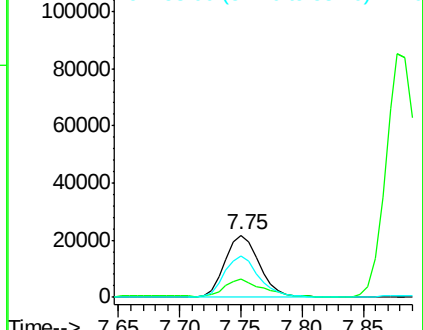
58 65.0 51.6 77.4



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: 19.911 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

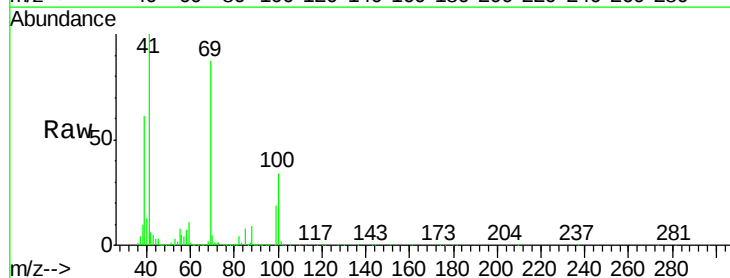
Tgt Ion: 41 Resp: 89339

Ion Ratio Lower Upper

41 100

69 87.2 44.2 132.6

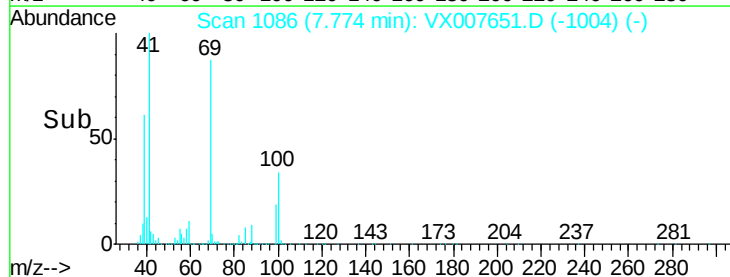
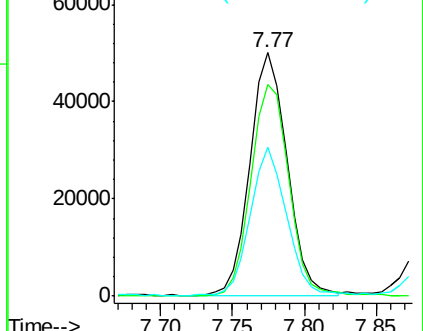
39 60.8 29.9 89.8

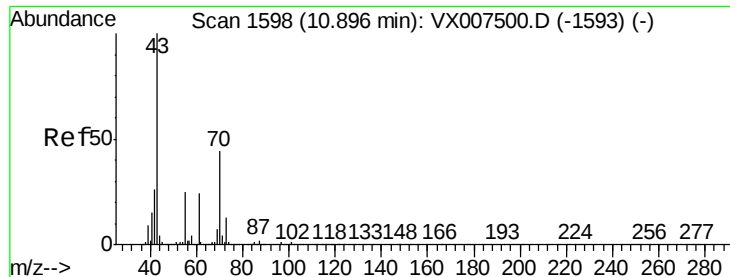


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 19.896 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

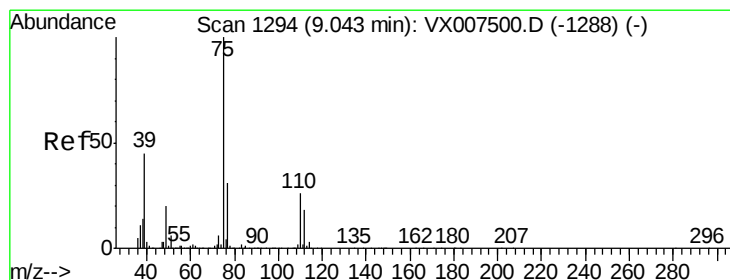
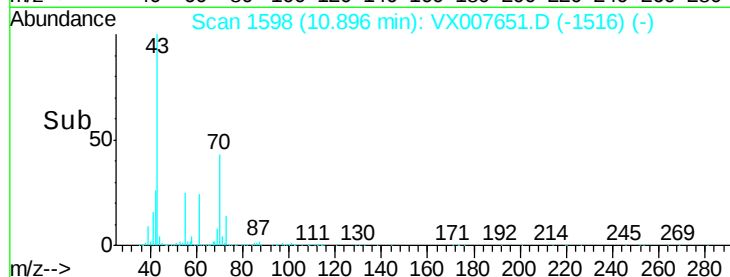
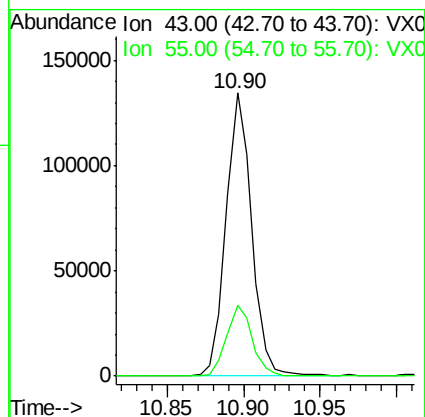
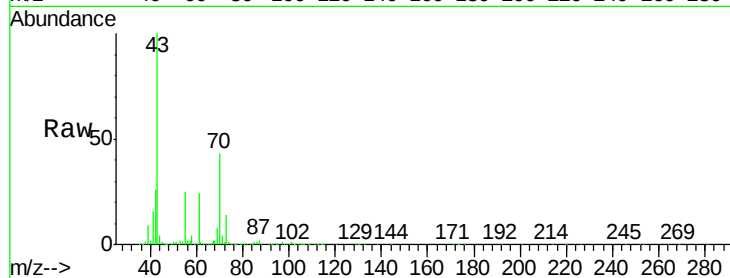
VX0222WBS01

Tot Ion: 43 Resp: 155387

Ion Ratio Lower Upper

43 100

55 24.9 20.8 31.2



#48

t-1,3-Dichloropropene

Concen: 20.118 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007651.D

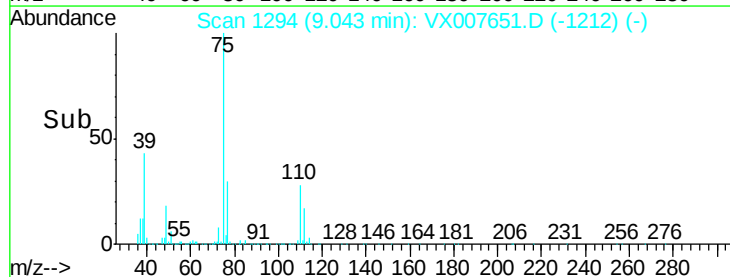
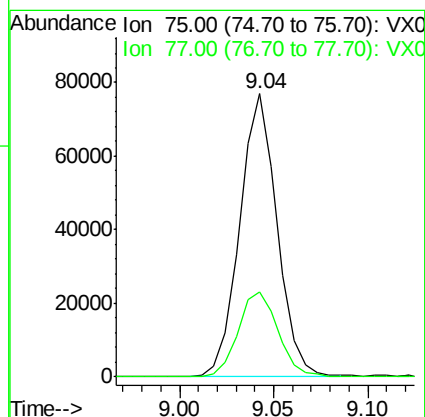
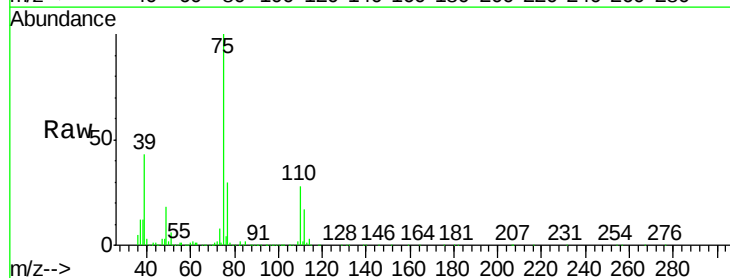
Acq: 22 Feb 2019 11:23

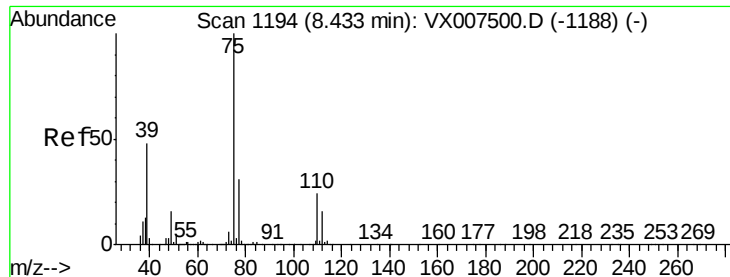
Tgt Ion: 75 Resp: 105697

Ion Ratio Lower Upper

75 100

77 30.1 24.5 36.7



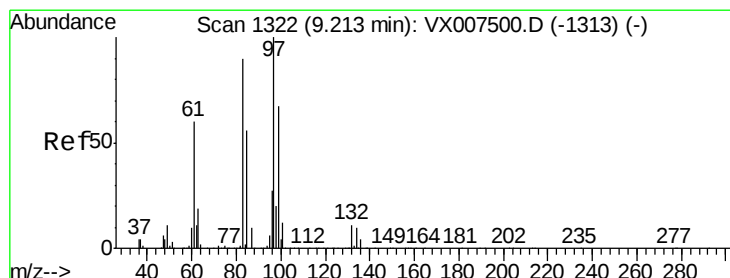
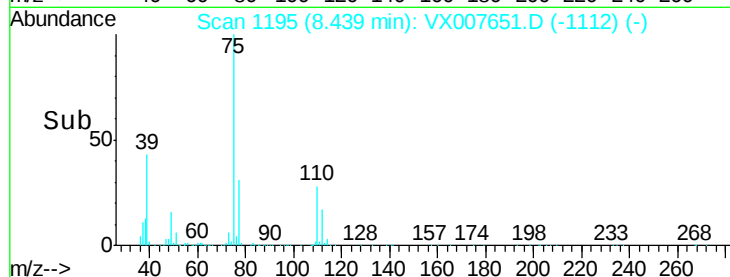
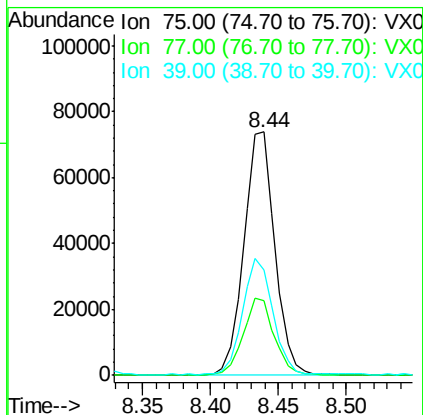
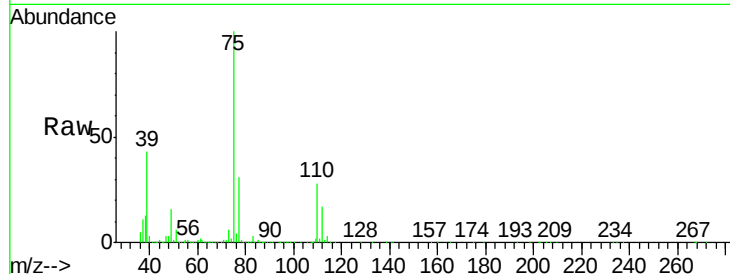


#49

cis-1,3-Dichloropropene
Concen: 20.133 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBS01

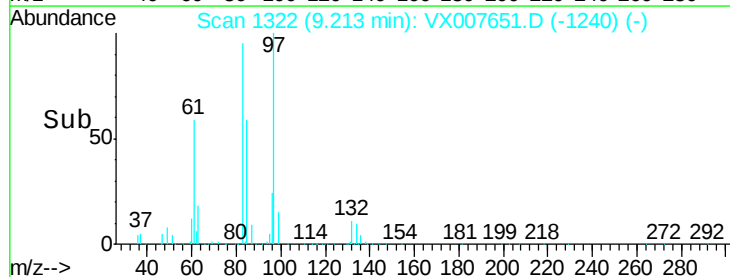
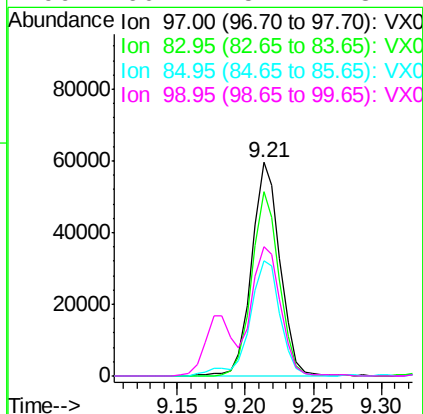
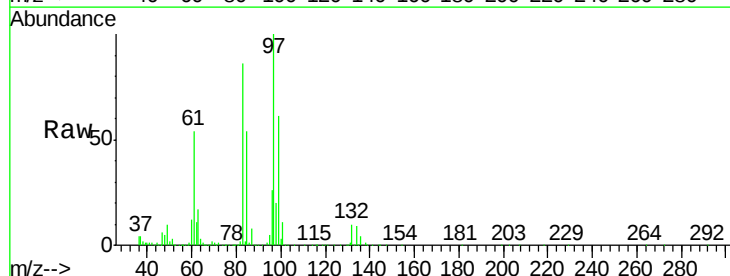
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.0	37.4
39	42.8	38.5	57.7

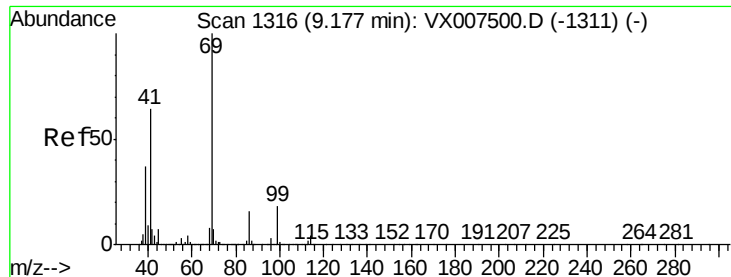


#50

1,1,2-Trichloroethane
Concen: 20.849 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.1	72.0	108.0
85	53.9	45.0	67.6
99	60.4	54.2	81.4





#51

Ethyl methacrylate

Concen: 19.749 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

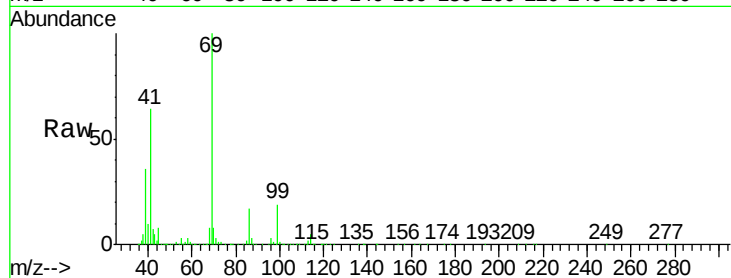
MSVOA_X

ClientSampleId :

VX0222WBS01

Tot Ion: 69 Resp: 119724

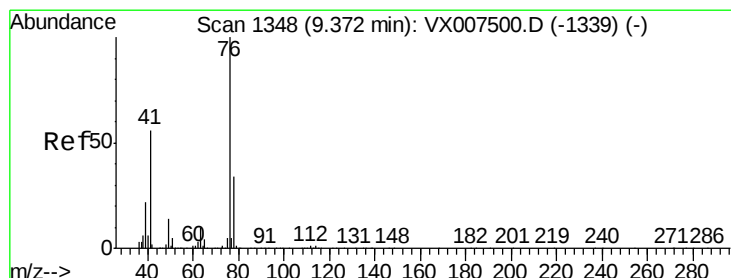
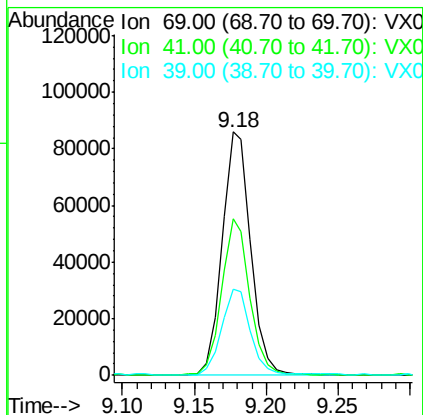
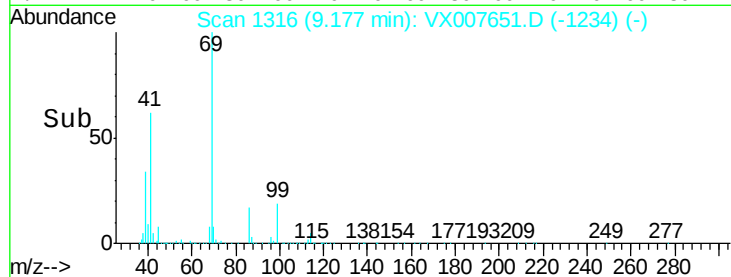
Ion	Ratio	Lower	Upper
69	100		
41	63.8	32.1	96.5
39	35.3	18.8	56.3



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: 20.476 ug/l

RT: 9.37 min Scan# 1348

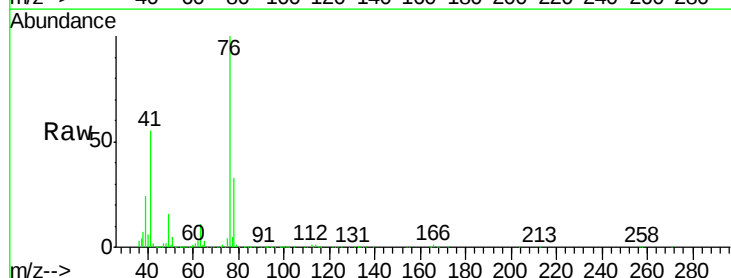
Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

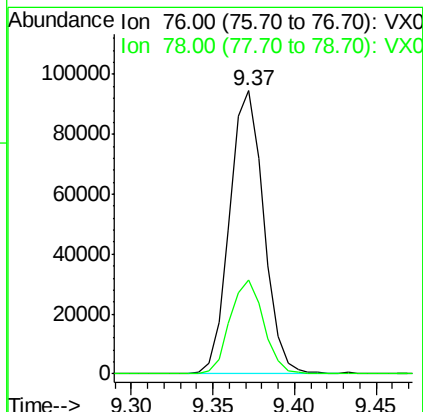
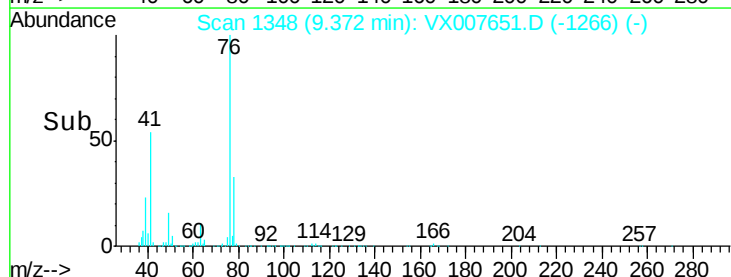
Tgt Ion: 76 Resp: 138106

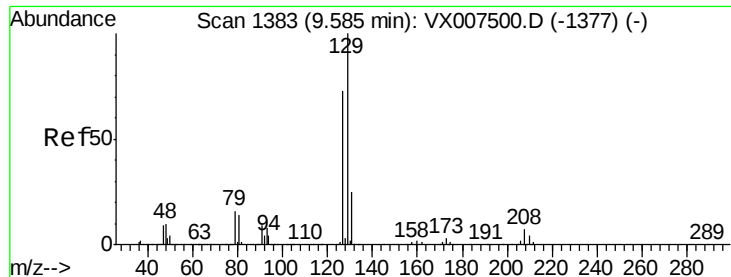
Ion	Ratio	Lower	Upper
76	100		
78	32.7	0.0	65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 20.261 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.01 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

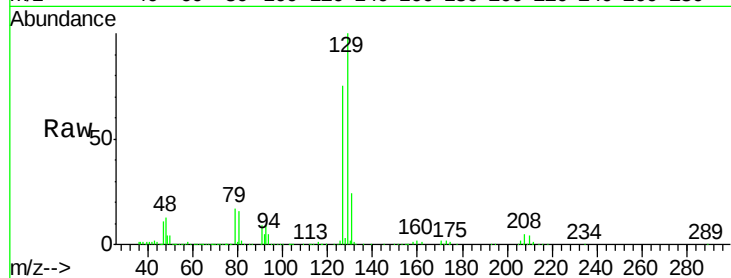
VX0222WBS01

Tot Ion:129 Resp: 88118

Ion Ratio Lower Upper

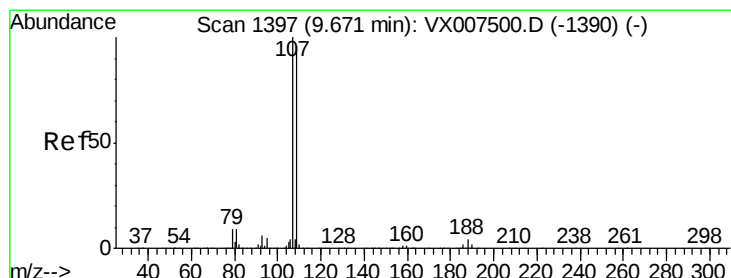
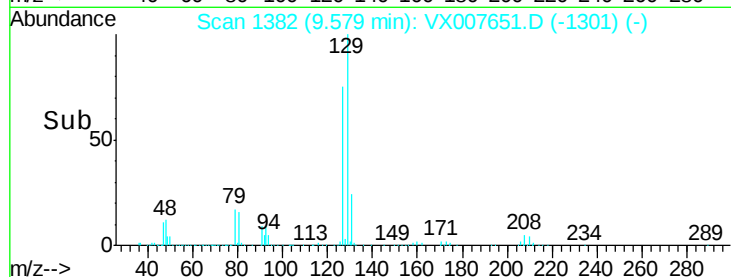
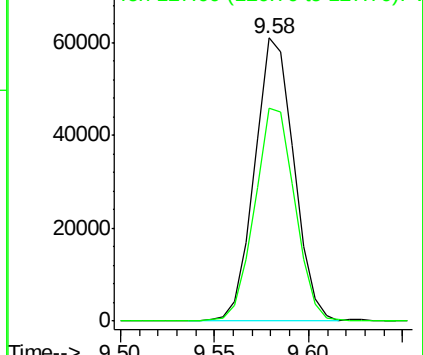
129 100

127 76.8 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: 20.663 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007651.D

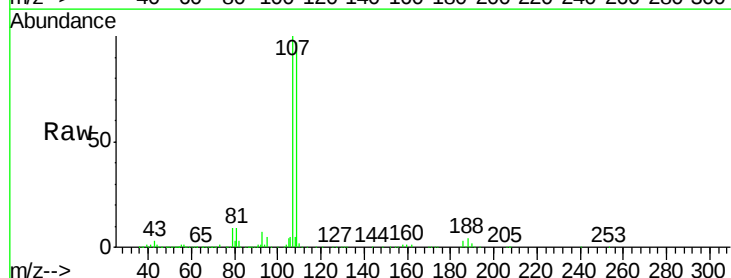
Acq: 22 Feb 2019 11:23

Tgt Ion:107 Resp: 94612

Ion Ratio Lower Upper

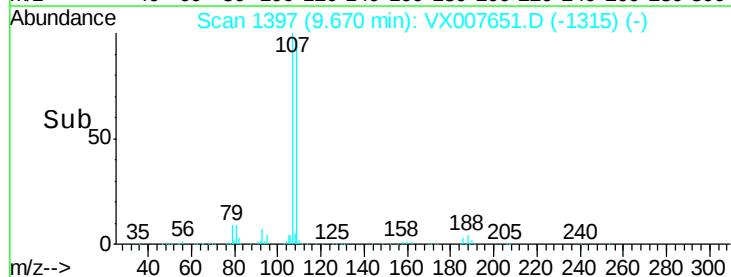
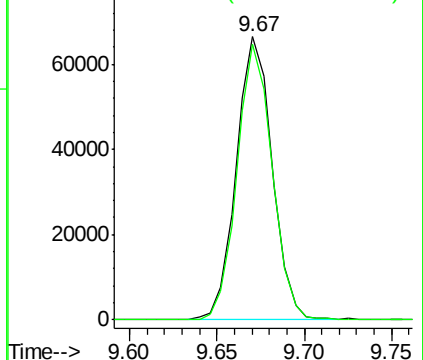
107 100

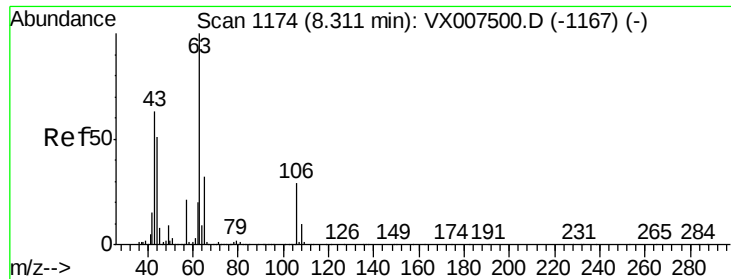
109 95.6 76.6 115.0



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: 103.847 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampled :

VX0222WBS01

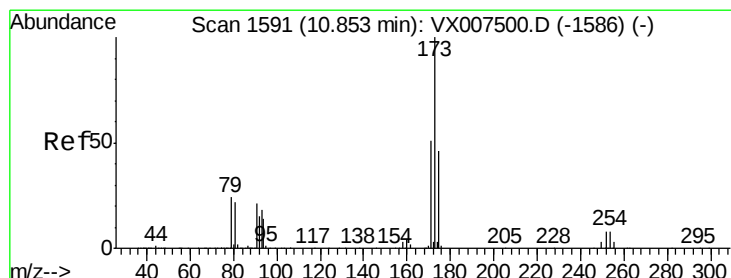
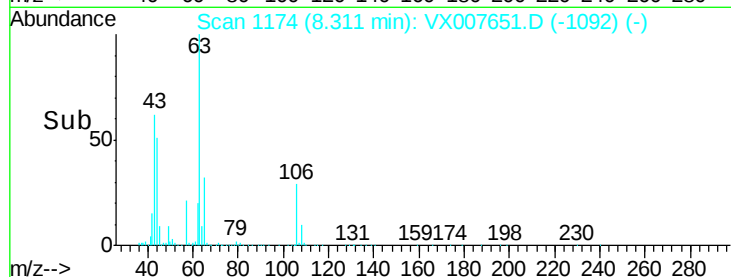
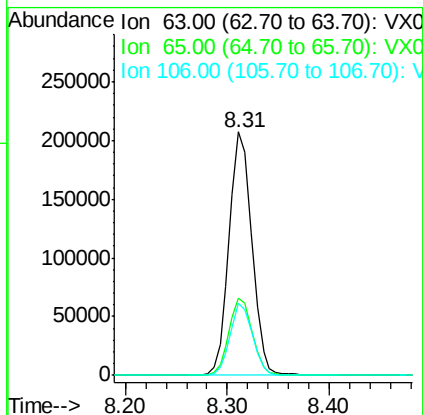
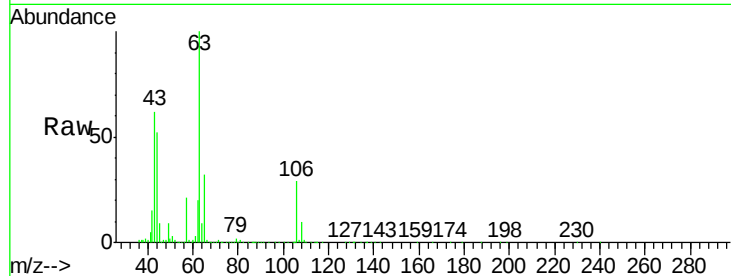
Tot Ion: 63 Resp: 320063

Ion Ratio Lower Upper

63 100

65 32.2 25.7 38.5

106 29.3 23.7 35.5



#56

Bromoform

Concen: 19.330 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

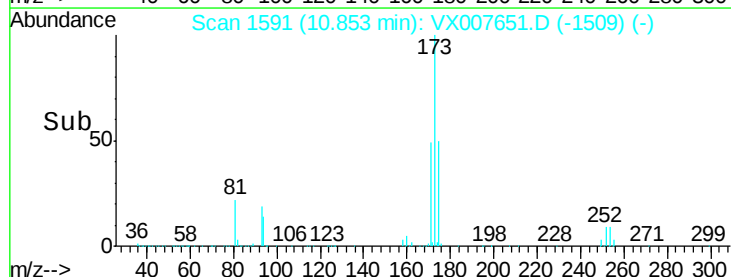
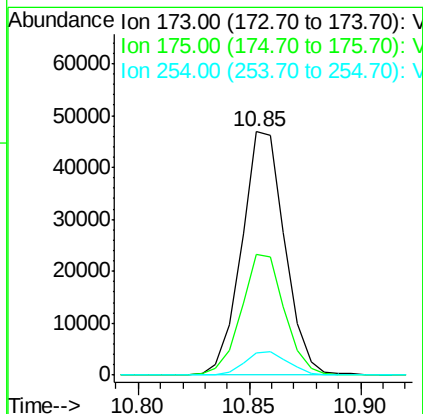
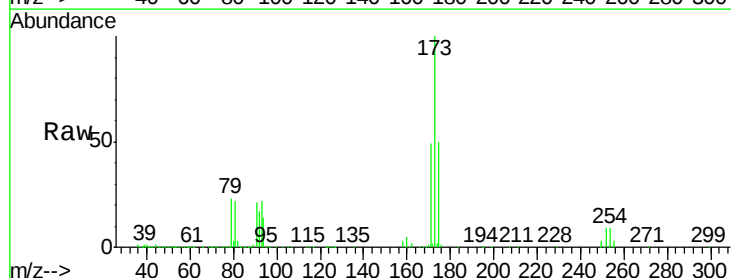
Tgt Ion:173 Resp: 63413

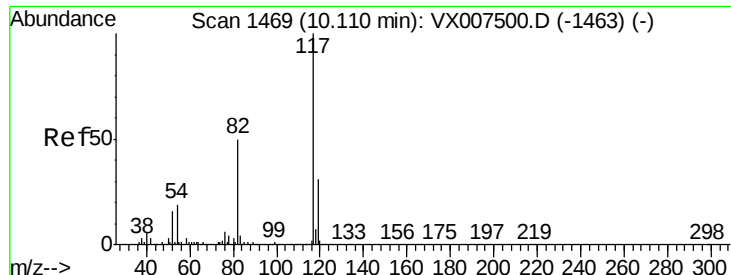
Ion Ratio Lower Upper

173 100

175 49.7 38.5 57.7

254 9.8 7.4 11.2

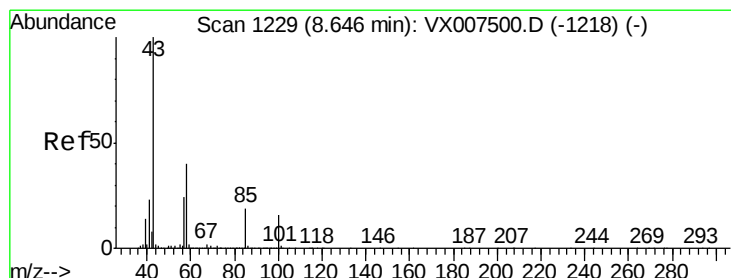
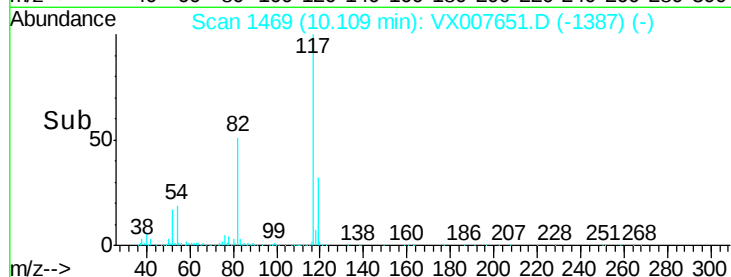
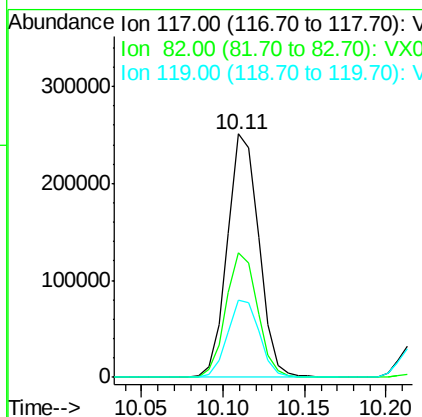
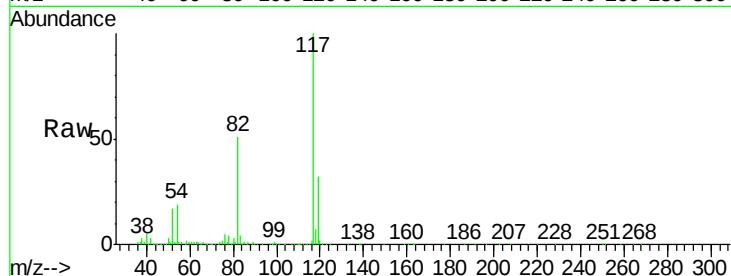




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

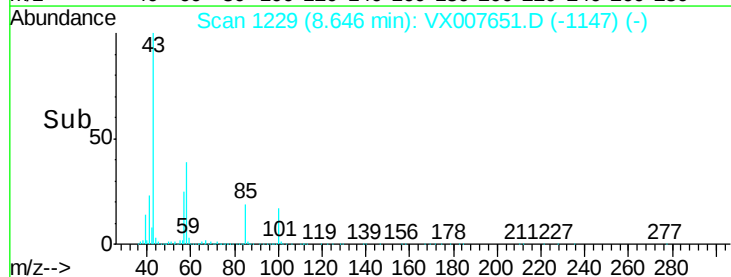
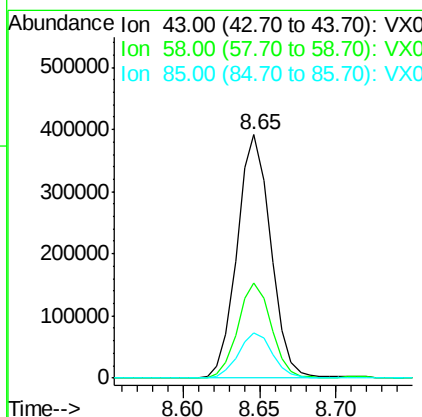
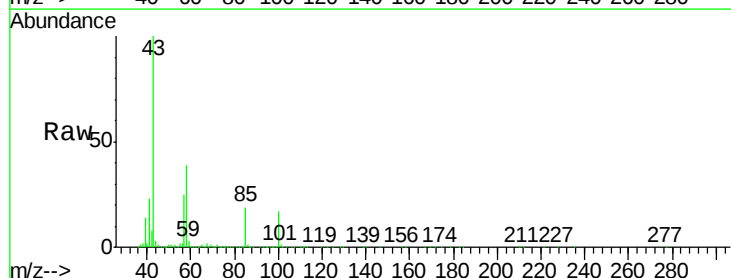
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBS01

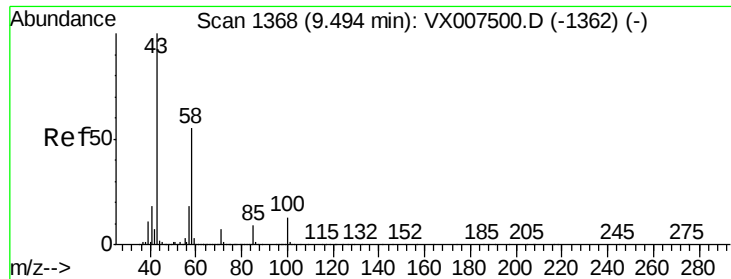
Tot Ion:117 Resp: 337932
Ion Ratio Lower Upper
117 100
82 51.3 40.4 60.6
119 32.1 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 98.421 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Tgt Ion: 43 Resp: 598247
Ion Ratio Lower Upper
43 100
58 39.0 31.4 47.0
85 18.8 15.0 22.6

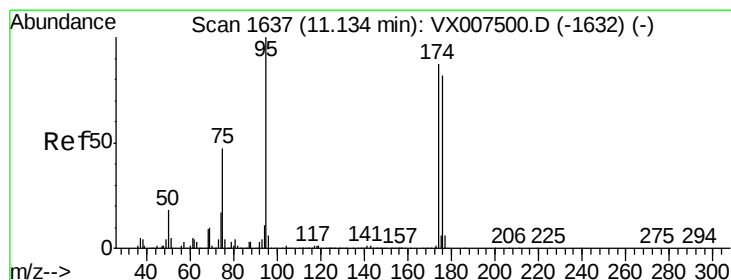
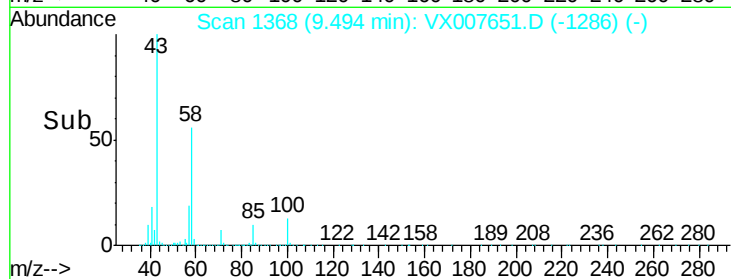
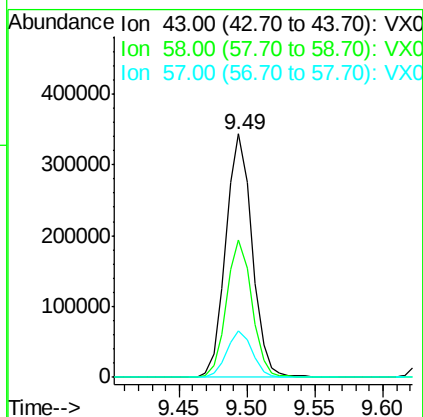
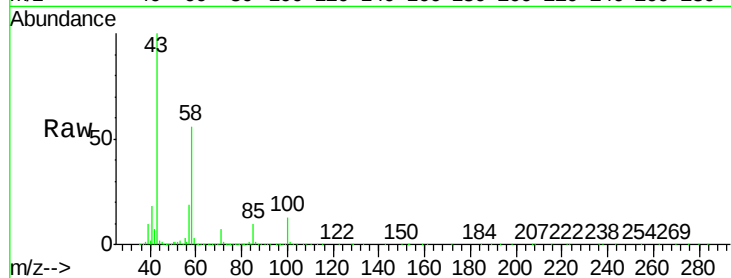




#59
2-Hexanone
Concen: 99.994 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

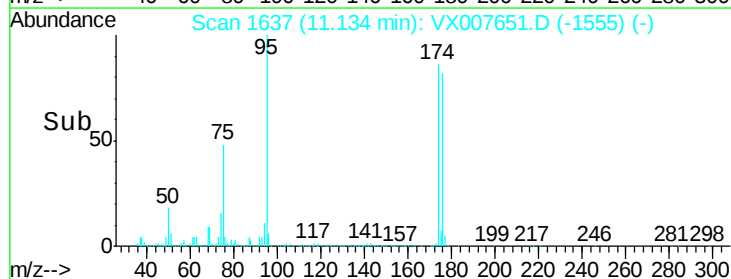
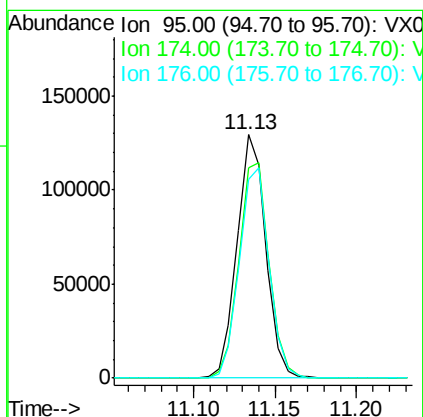
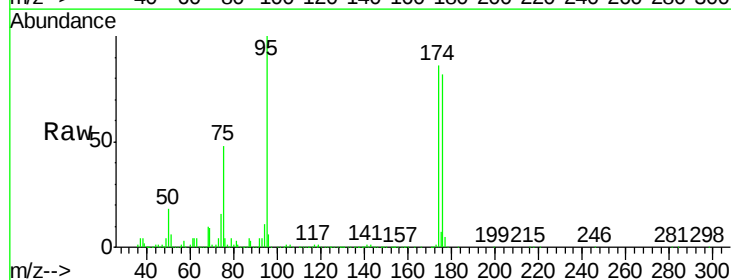
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBS01

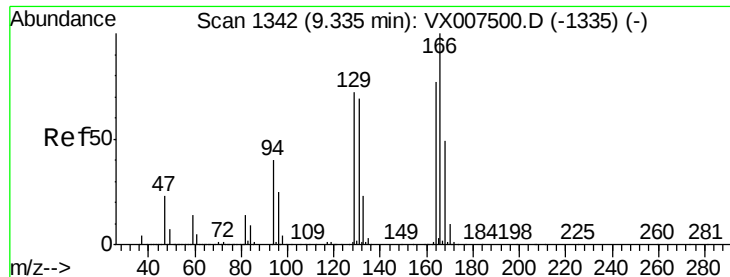
Tot Ion	Ratio	Lower	Upper
43	100		
58	54.9	43.9	65.9
57	18.8	14.9	22.3



#60
4-Bromofluorobenzene
Concen: 30.661 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.1	74.9	112.3
176	89.5	70.7	106.1





#61

Tetrachloroethene

Concen: 19.985 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :
MSVOA_X
ClientSampled :
VX0222WBS01

Tot Ion:164 Resp: 95873

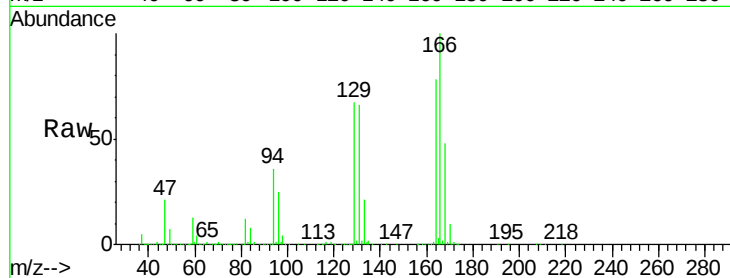
Ion Ratio Lower Upper

164 100

166 128.1 103.9 155.9

129 85.7 74.7 112.1

131 85.0 71.7 107.5

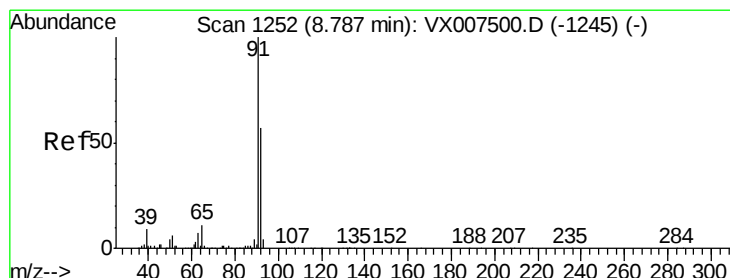
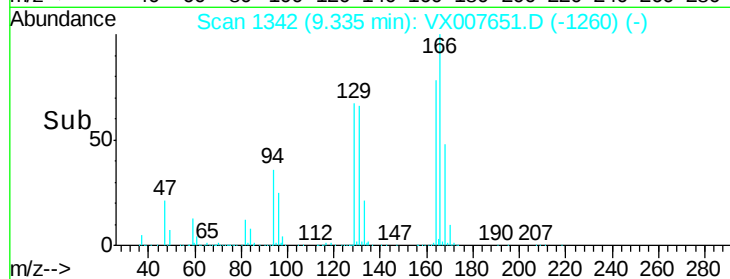
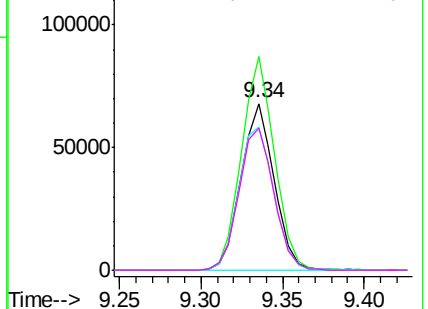


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.423 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007651.D

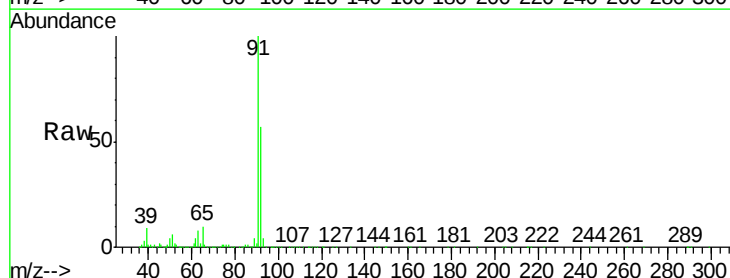
Acq: 22 Feb 2019 11:23

Tgt Ion: 91 Resp: 357467

Ion Ratio Lower Upper

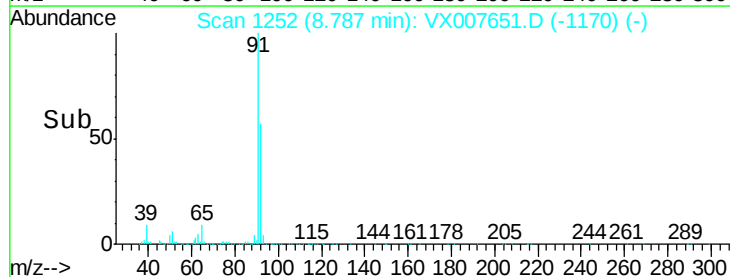
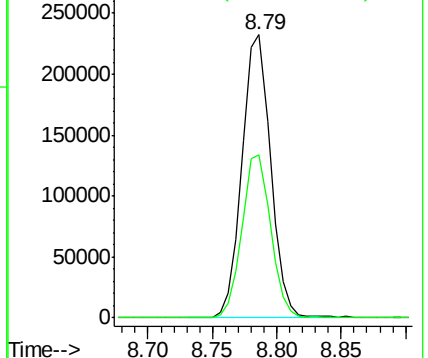
91 100

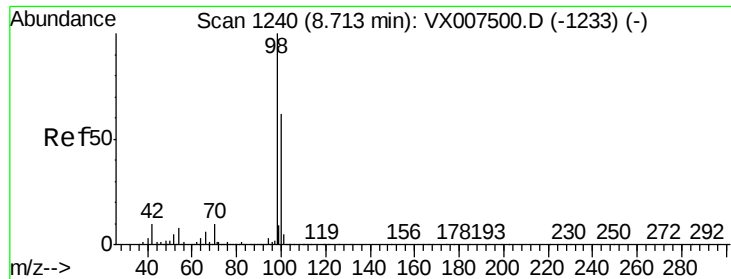
92 58.0 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.575 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

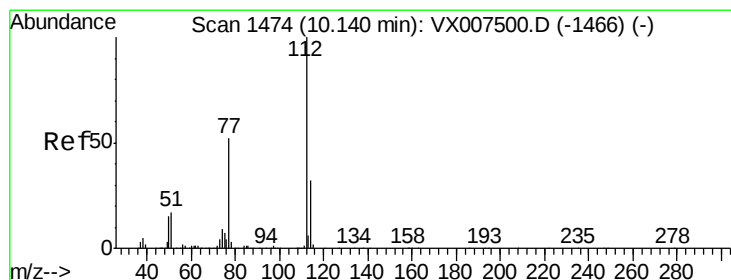
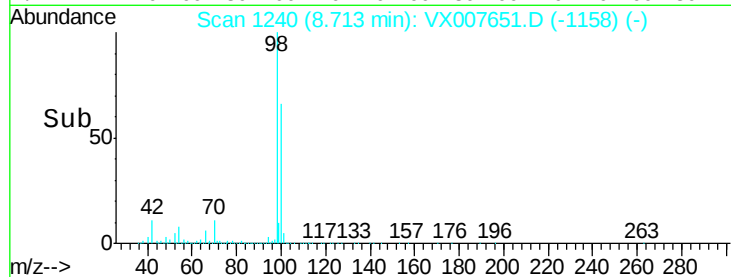
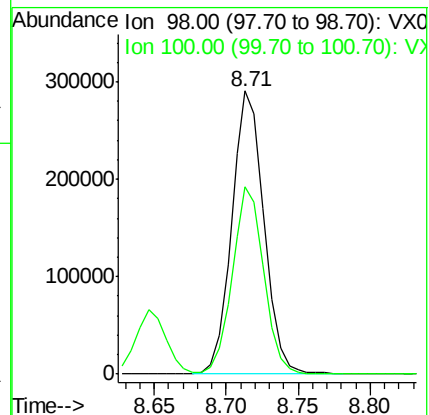
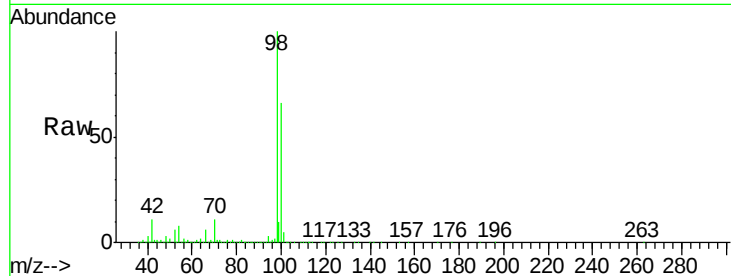
VX0222WBS01

Tot Ion: 98 Resp: 451719

Ion Ratio Lower Upper

98 100

100 65.1 50.9 76.3



#64

Chlorobenzene

Concen: 19.738 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007651.D

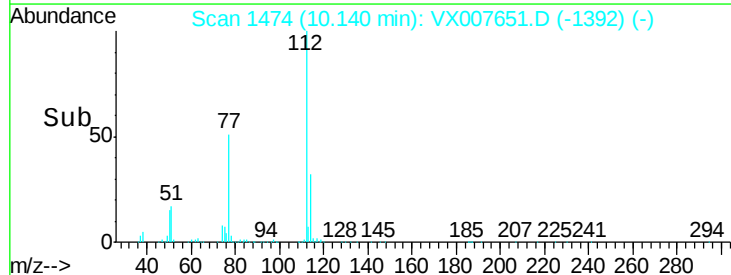
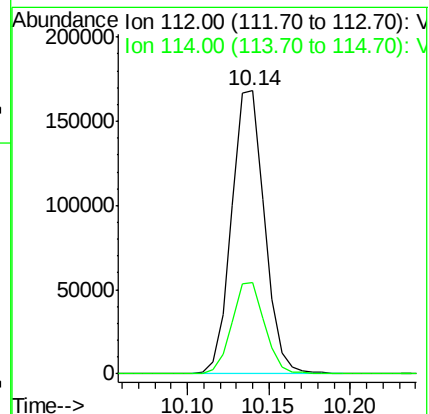
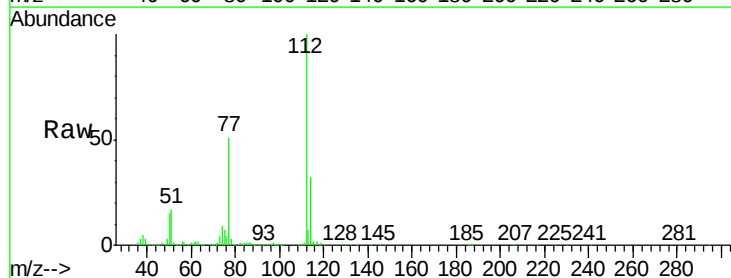
Acq: 22 Feb 2019 11:23

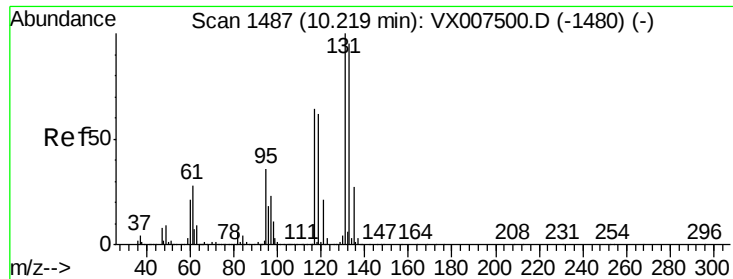
Tgt Ion: 112 Resp: 236072

Ion Ratio Lower Upper

112 100

114 32.3 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 19.746 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

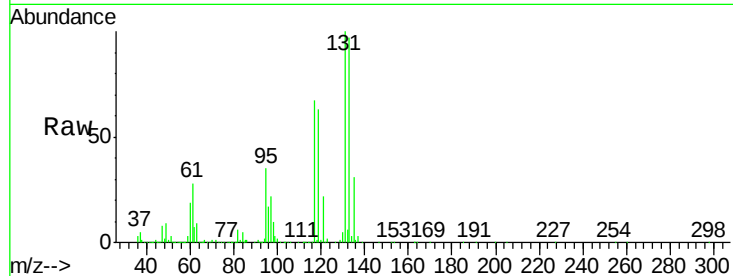
Tot Ion:131 Resp: 85539

Ion Ratio Lower Upper

131 100

133 96.5 0.0 191.6

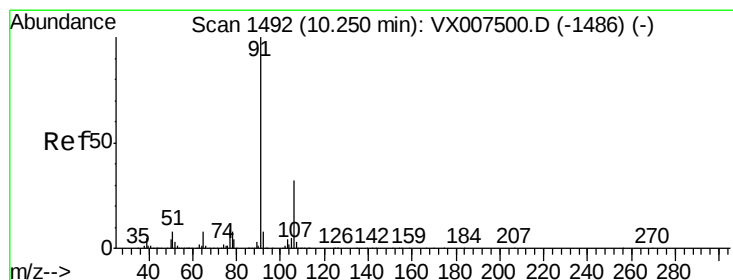
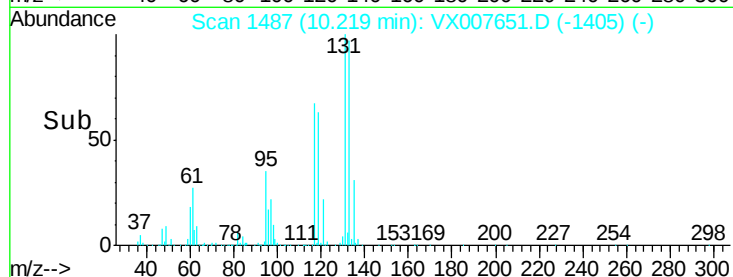
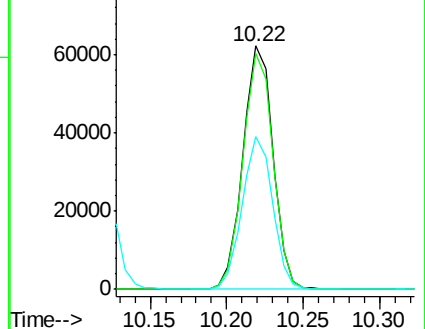
119 62.8 0.0 127.4



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: 19.522 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007651.D

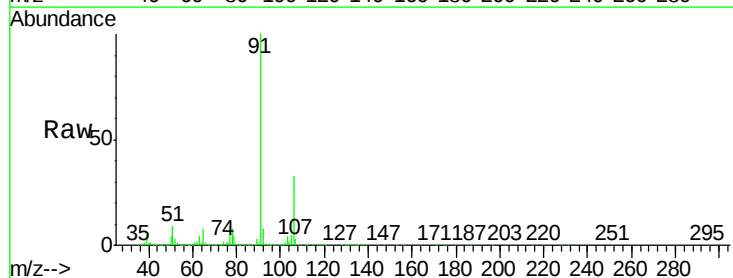
Acq: 22 Feb 2019 11:23

Tgt Ion: 91 Resp: 381274

Ion Ratio Lower Upper

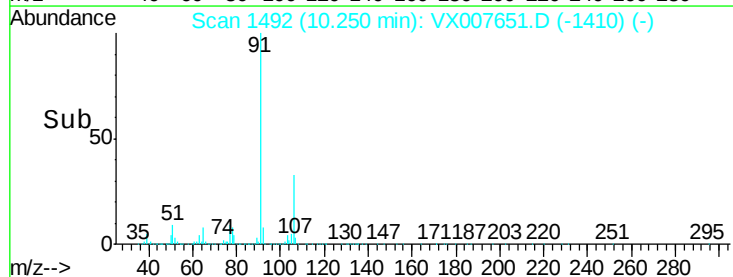
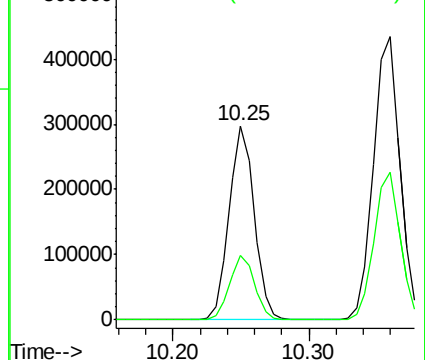
91 100

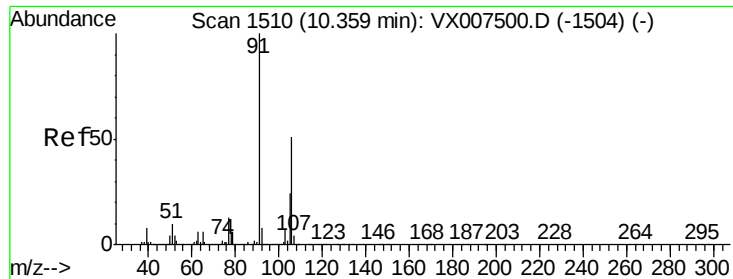
106 33.2 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

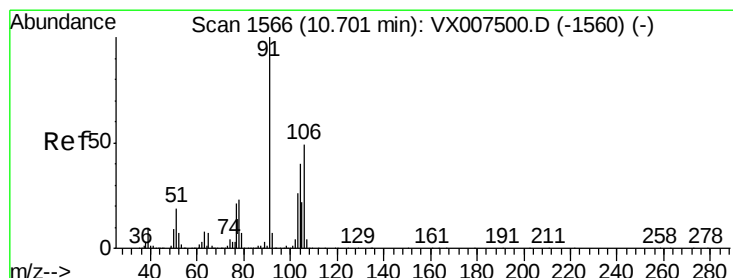
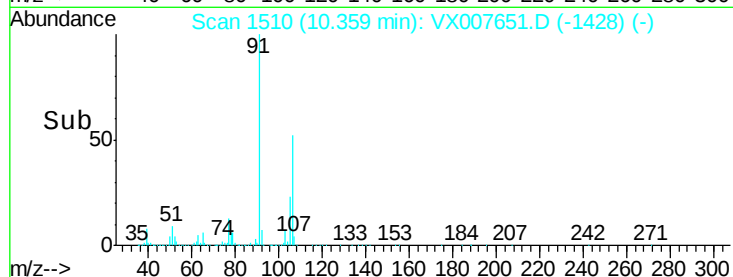
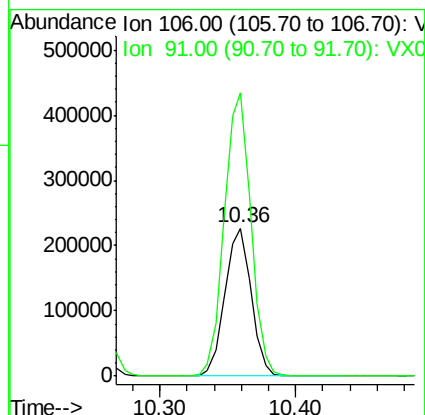
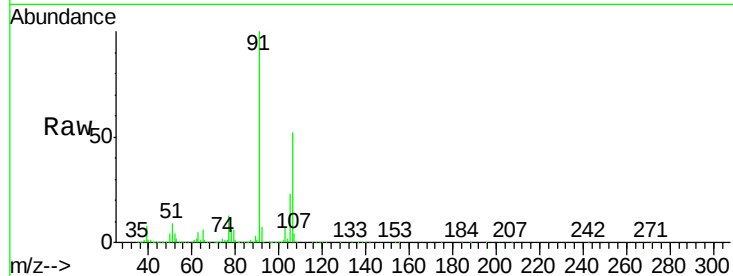




#67
m/p-Xylenes
Concen: 39.721 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

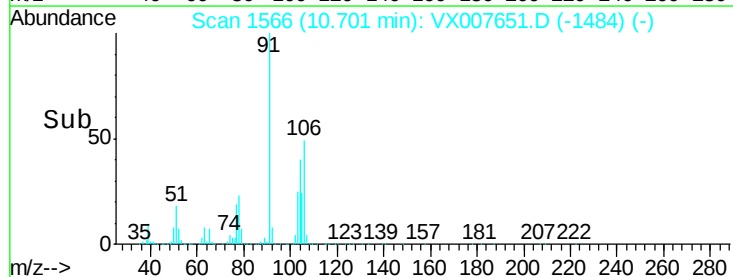
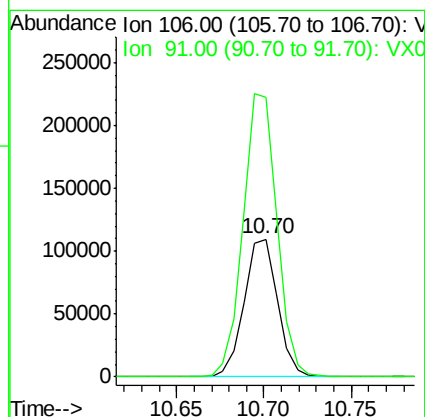
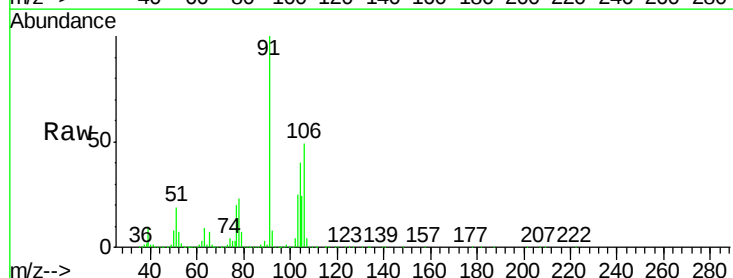
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBS01

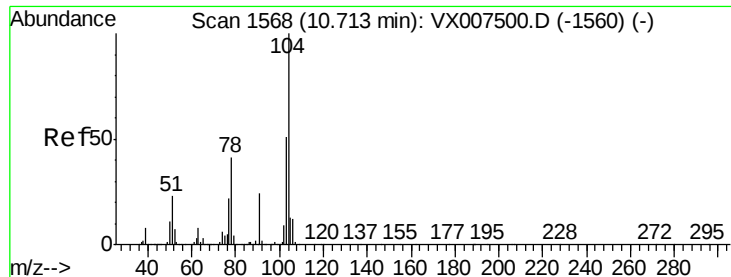
Tot Ion:106 Resp: 304268
Ion Ratio Lower Upper
106 100
91 193.5 157.0 235.4



#68
o-Xylene
Concen: 19.422 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Tgt Ion:106 Resp: 145105
Ion Ratio Lower Upper
106 100
91 208.1 104.4 313.2





#69

Stvrene

Concen: 19.439 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

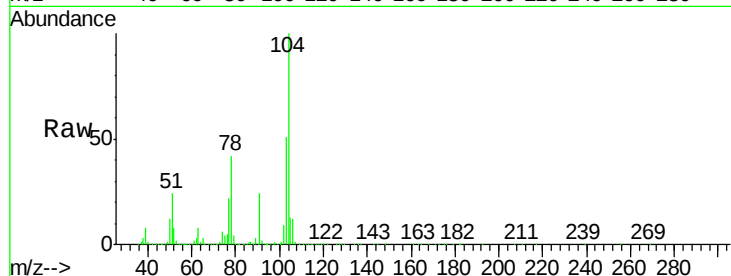
Tot Ion:104 Resp: 234363

Ion Ratio Lower Upper

104 100

78 47.9 38.2 57.2

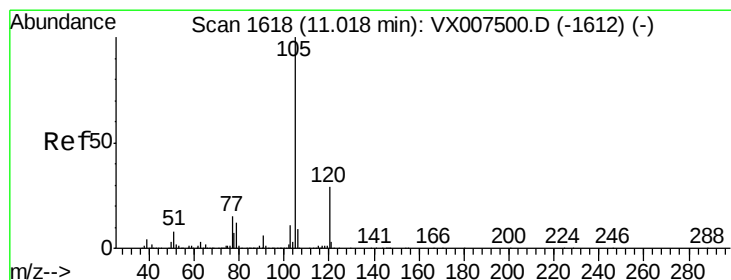
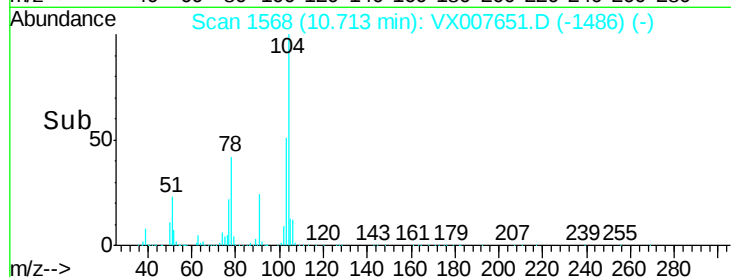
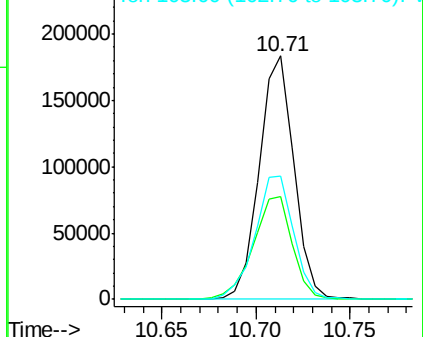
103 56.9 45.0 67.4



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: 19.793 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007651.D

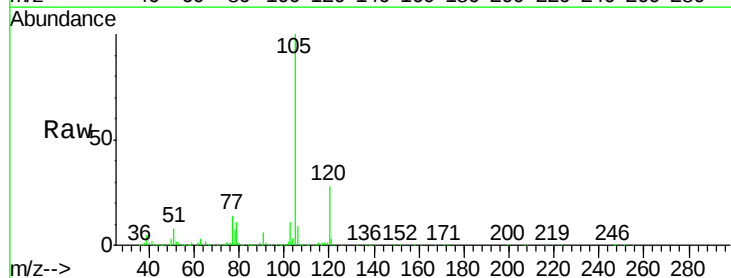
Acq: 22 Feb 2019 11:23

Tgt Ion:105 Resp: 390113

Ion Ratio Lower Upper

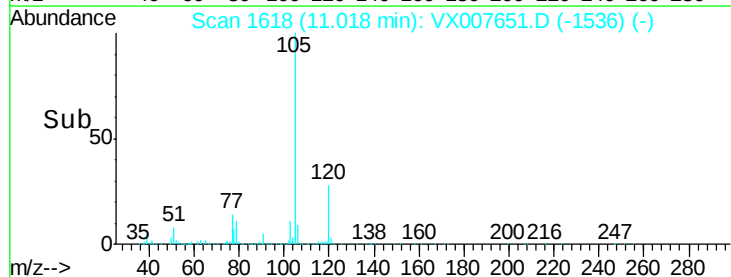
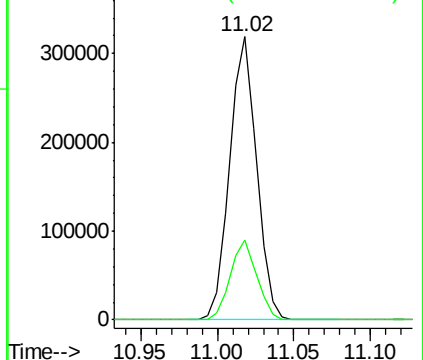
105 100

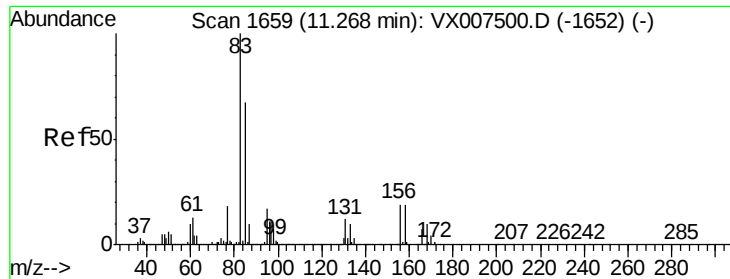
120 27.9 19.8 36.8



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: 19.635 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampled :

VX0222WBS01

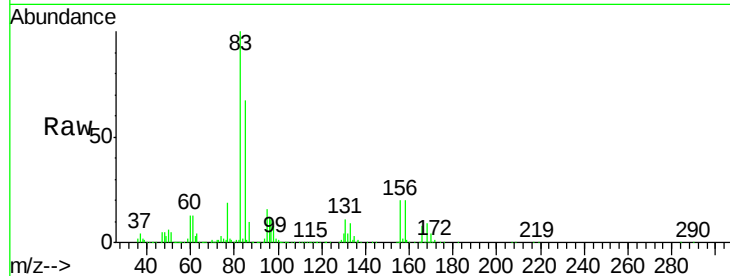
Tot Ion: 83 Resp: 127930

Ion Ratio Lower Upper

83 100

131 11.3 5.4 16.2

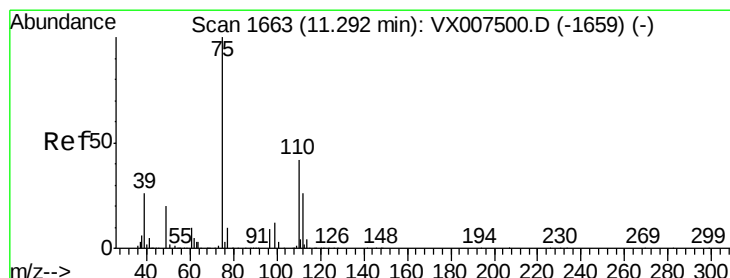
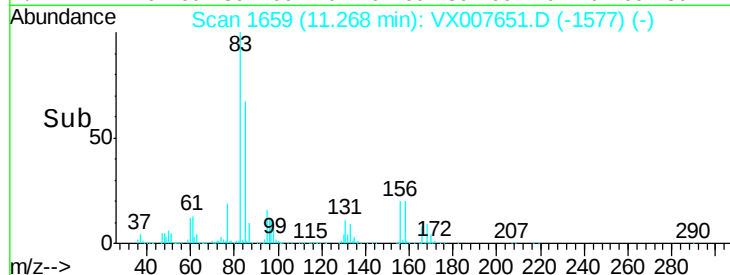
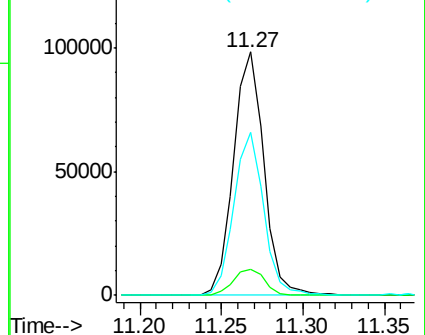
85 65.8 32.8 98.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 24.514 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX007651.D

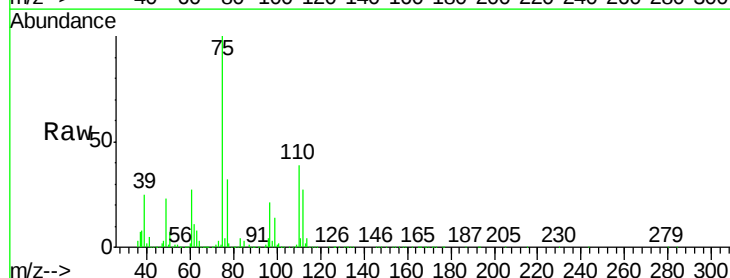
Acq: 22 Feb 2019 11:23

Tgt Ion: 75 Resp: 146038

Ion Ratio Lower Upper

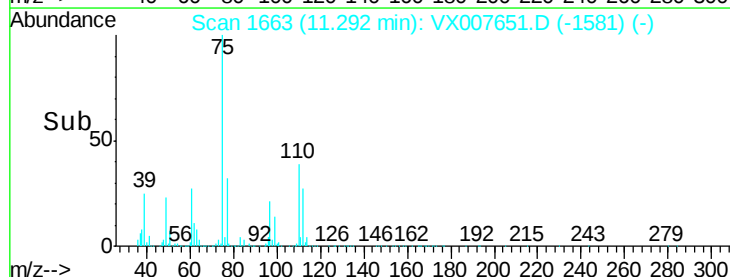
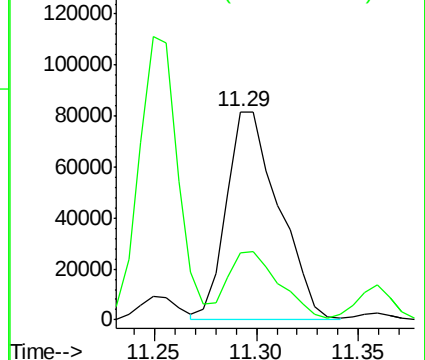
75 100

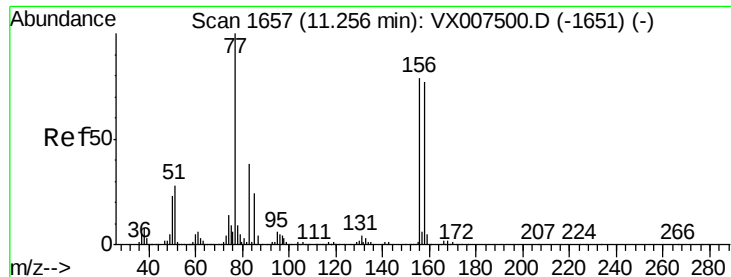
77 32.9 0.0 76.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 19.839 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampled :

VX0222WBS01

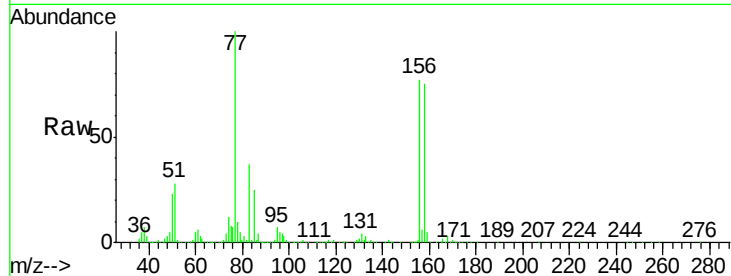
Tot Ion:156 Resp: 106757

Ion Ratio Lower Upper

156 100

77 136.2 0.0 271.4

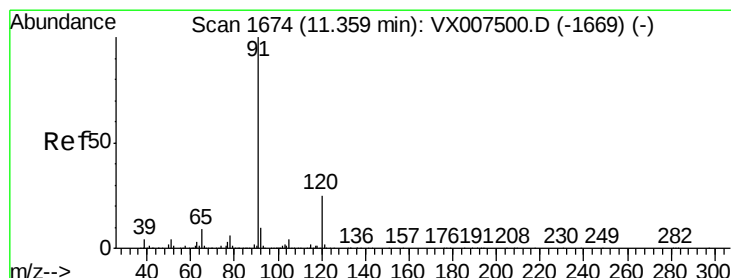
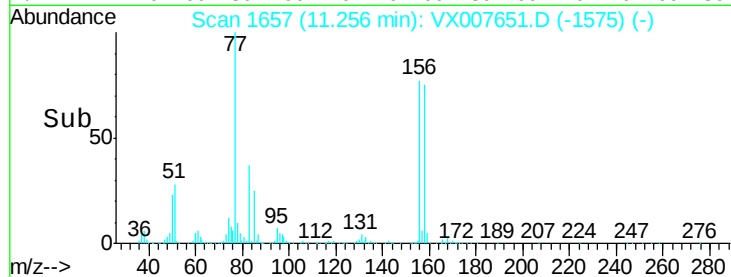
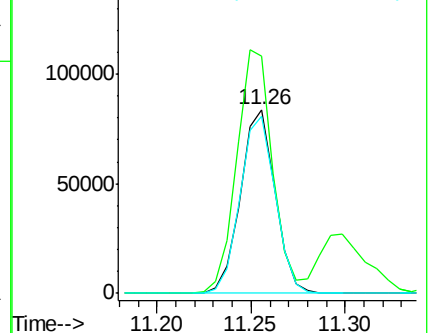
158 98.1 0.0 194.0



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: 19.847 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007651.D

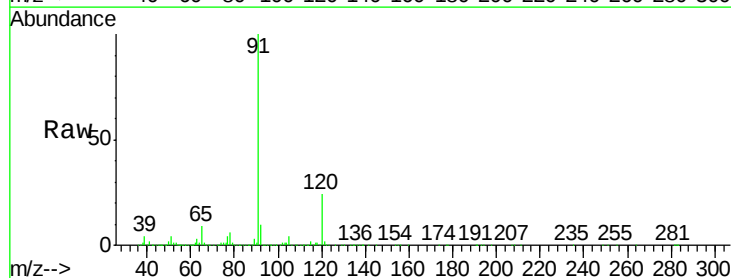
Acq: 22 Feb 2019 11:23

Tgt Ion: 91 Resp: 434352

Ion Ratio Lower Upper

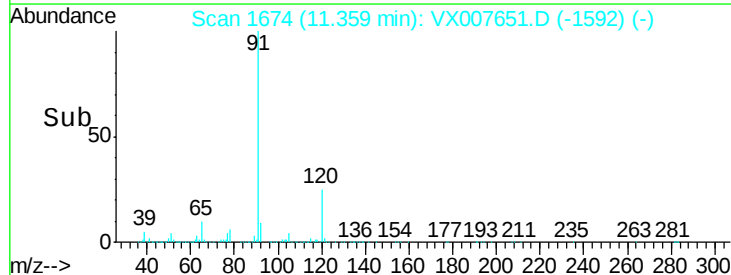
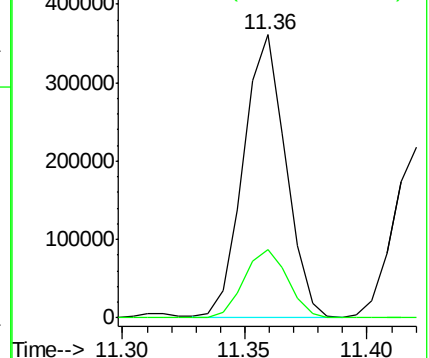
91 100

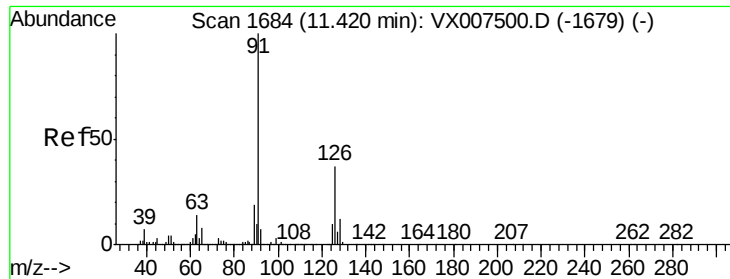
120 24.8 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.899 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

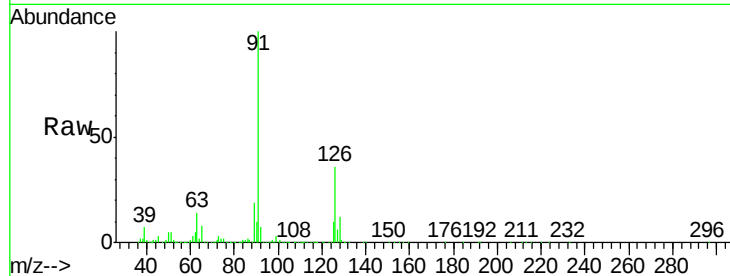
VX0222WBS01

Tot Ion: 91 Resp: 260390

Ion Ratio Lower Upper

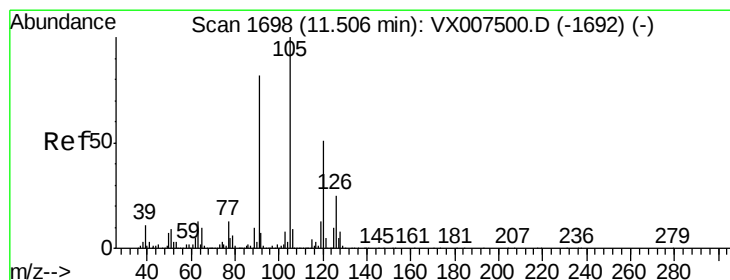
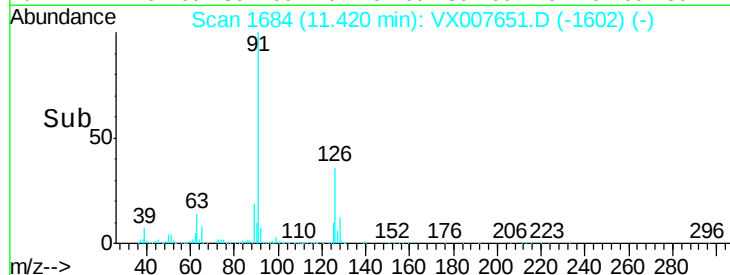
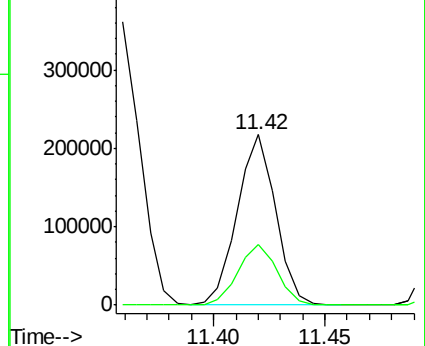
91 100

126 36.6 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.898 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007651.D

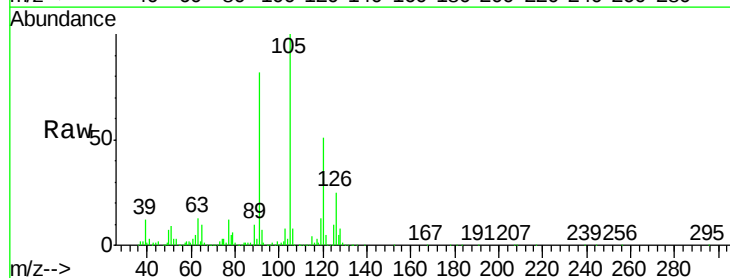
Acq: 22 Feb 2019 11:23

Tgt Ion:105 Resp: 320142

Ion Ratio Lower Upper

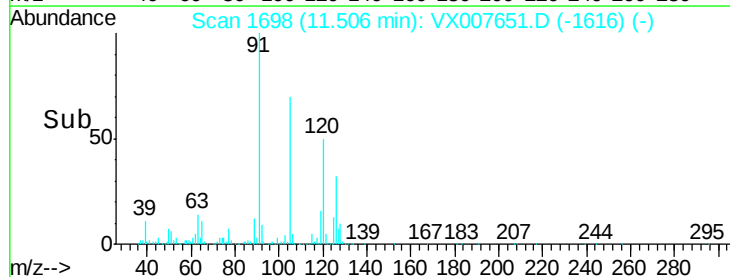
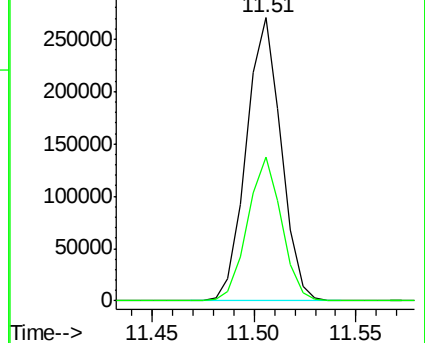
105 100

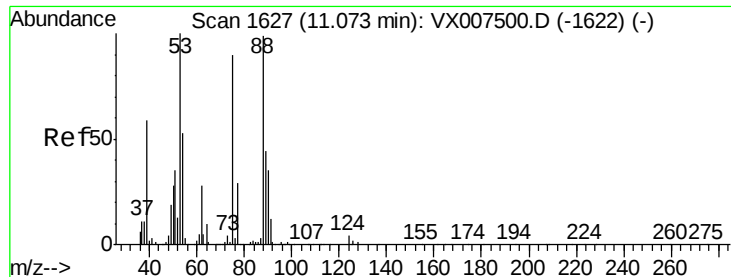
120 49.5 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 19.370 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

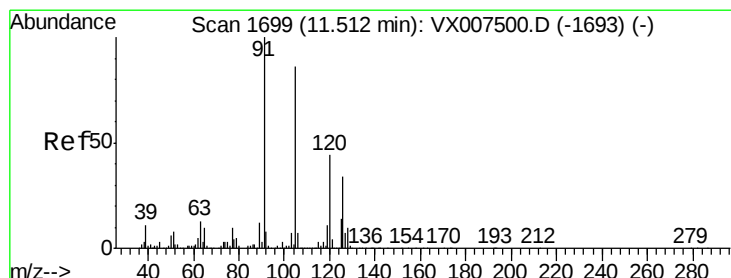
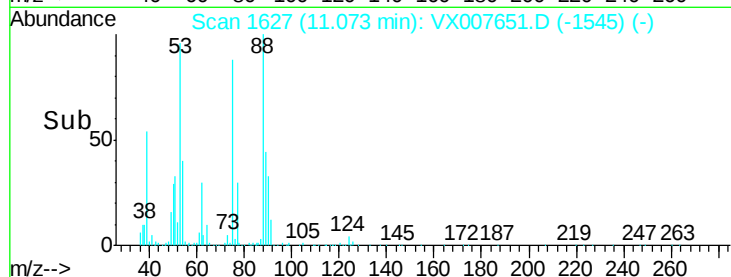
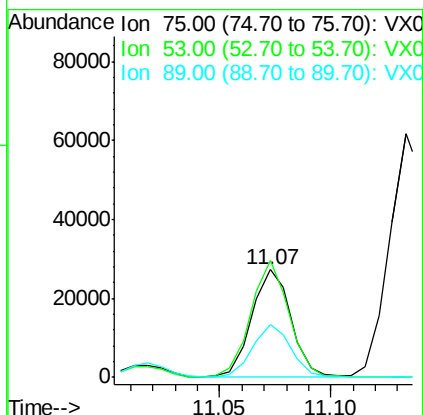
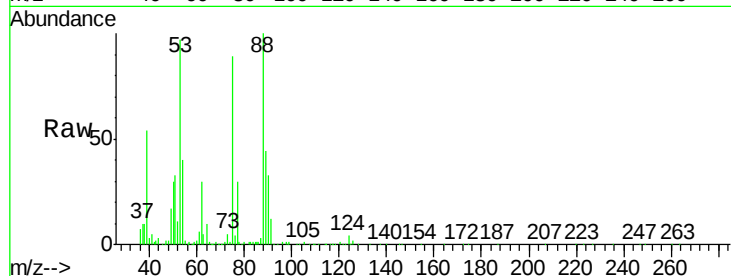
Tot Ion: 75 Resp: 33308

Ion Ratio Lower Upper

75 100

53 109.4 55.5 166.7

89 48.7 24.4 73.2



#78

4-Chlorotoluene

Concen: 19.672 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007651.D

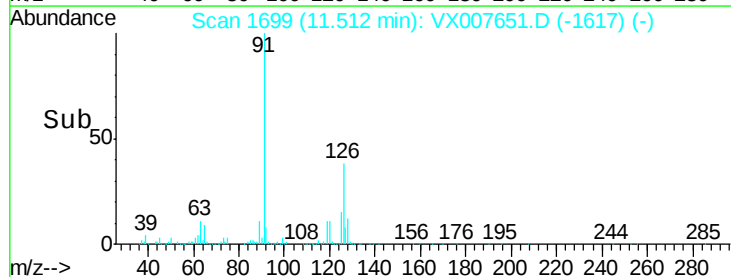
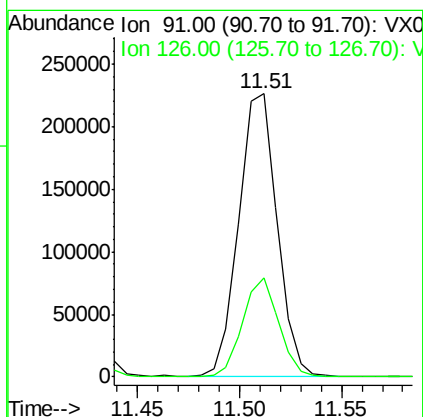
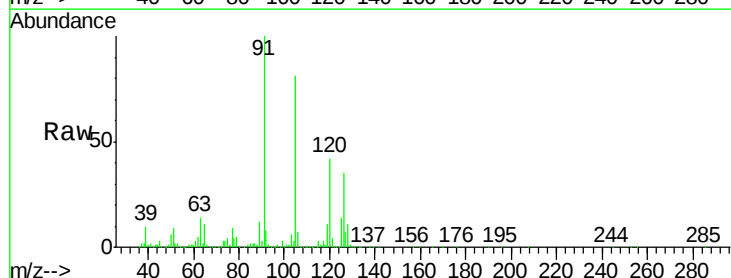
Acq: 22 Feb 2019 11:23

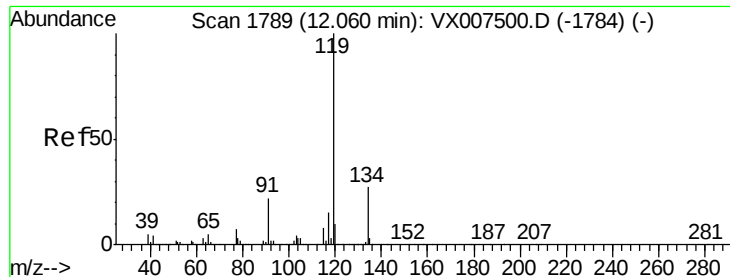
Tgt Ion: 91 Resp: 293822

Ion Ratio Lower Upper

91 100

126 33.1 0.0 66.2





#79

tert-butylbenzene

Concen: 19.735 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

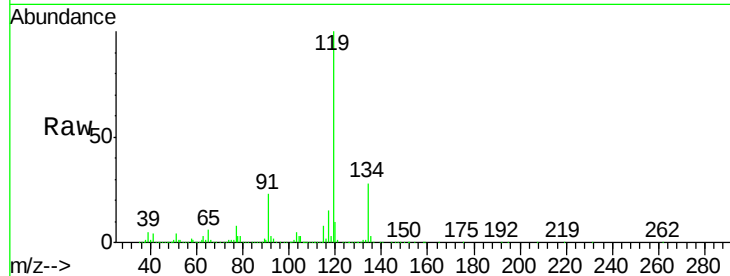
Tot Ion:119 Resp: 337168

Ion Ratio Lower Upper

119 100

91 22.9 0.0 45.0

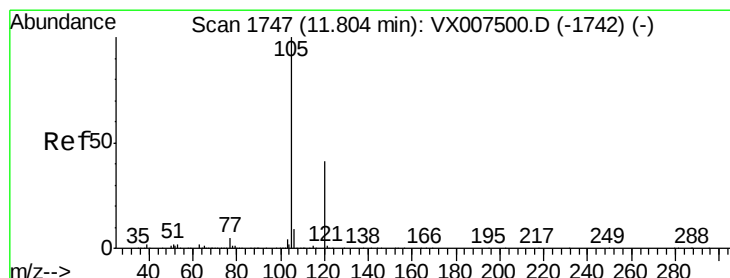
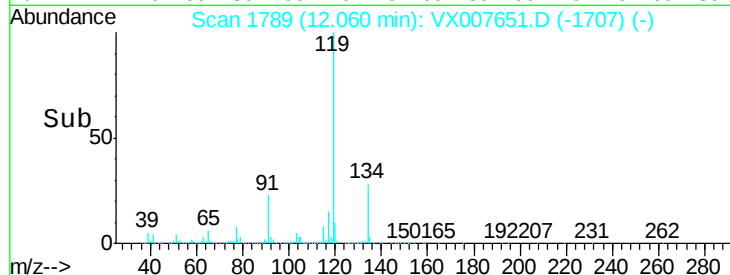
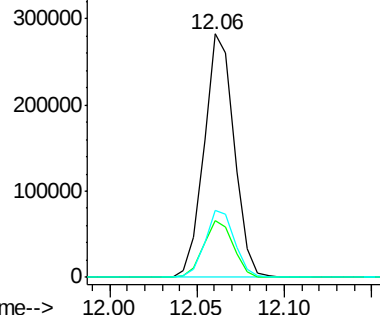
134 27.2 0.0 55.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 20.007 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007651.D

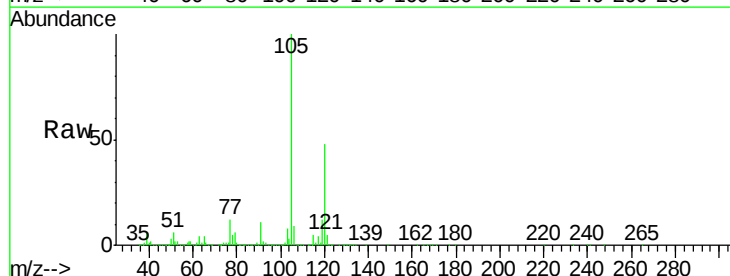
Acq: 22 Feb 2019 11:23

Tgt Ion:105 Resp: 326771

Ion Ratio Lower Upper

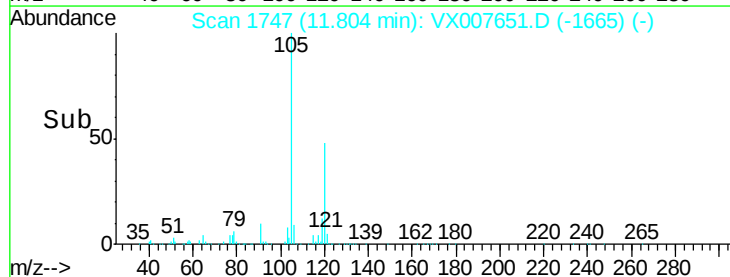
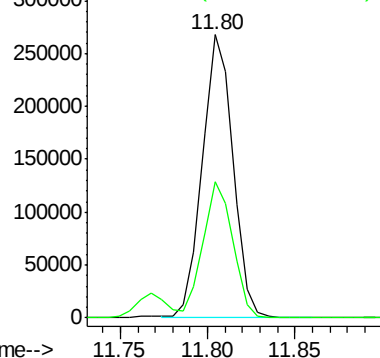
105 100

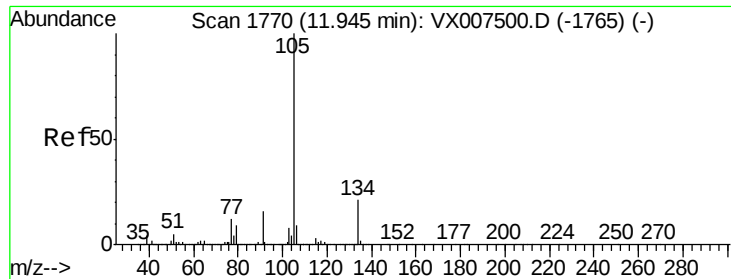
120 45.9 0.0 94.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

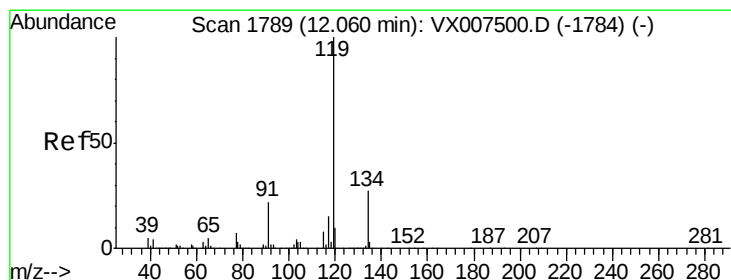
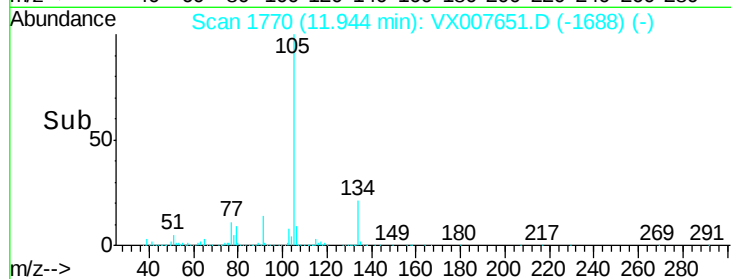
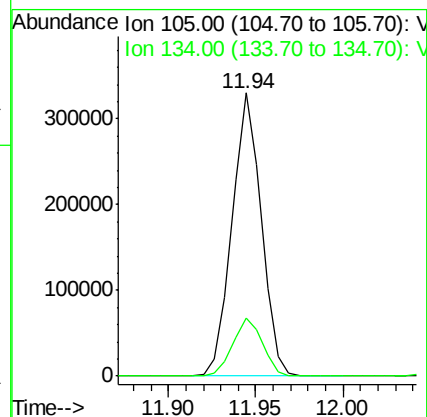
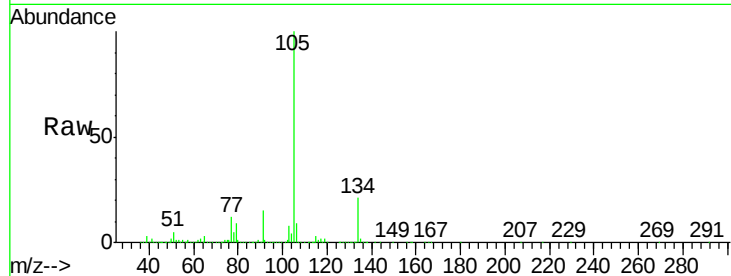




#81
 sec-Butylbenzene
 Concen: 20.017 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007651.D
 Acq: 22 Feb 2019 11:23

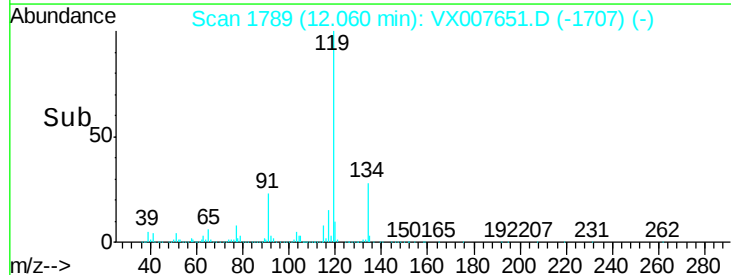
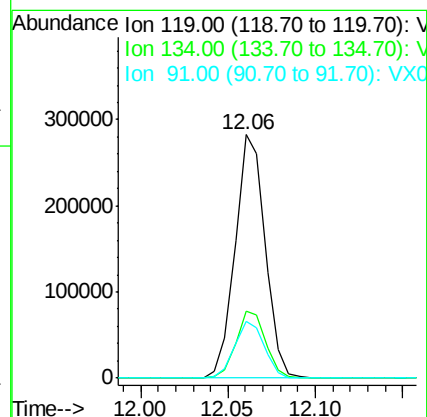
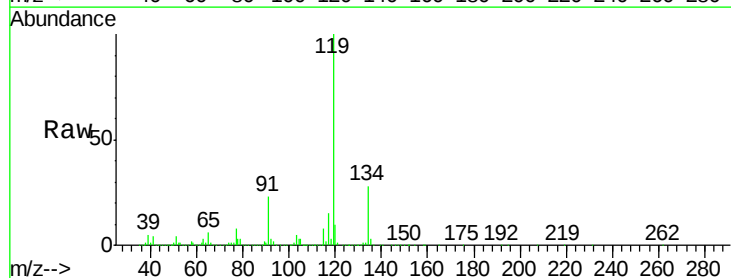
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBS01

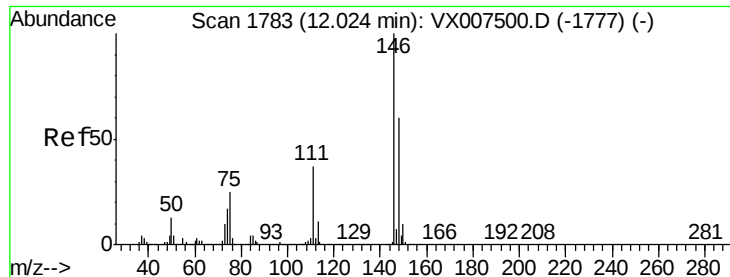
Tot Ion:105 Resp: 384601
 Ion Ratio Lower Upper
 105 100
 134 21.1 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 19.735 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX007651.D
 Acq: 22 Feb 2019 11:23

Tgt Ion:119 Resp: 337168
 Ion Ratio Lower Upper
 119 100
 134 27.2 0.0 55.4
 91 22.9 0.0 45.0





#83

1,3-Dichlorobenzene

Concen: 19.776 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

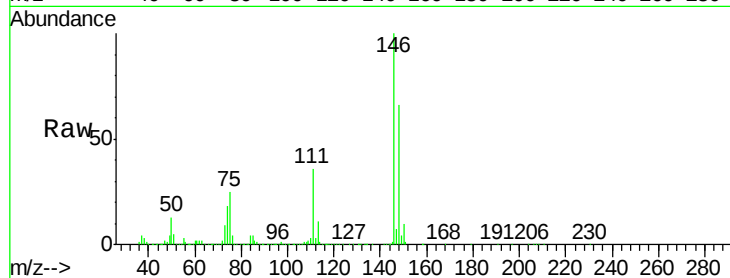
Tot Ion:146 Resp: 187085

Ion Ratio Lower Upper

146 100

111 37.3 18.8 56.3

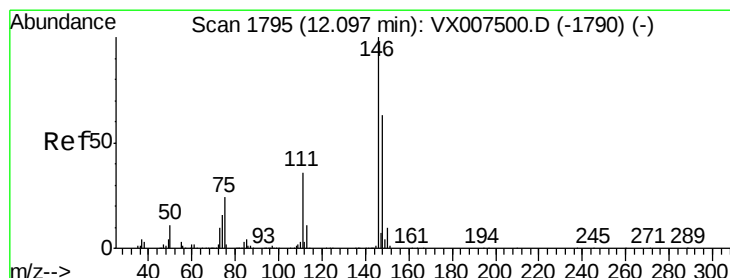
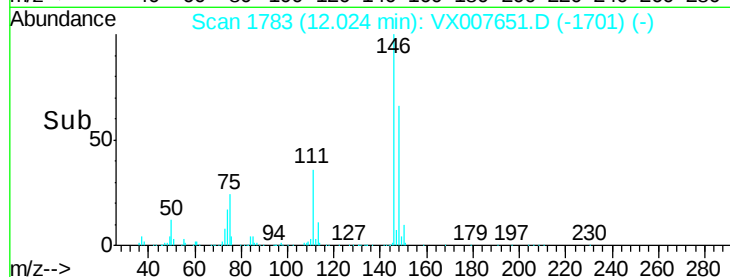
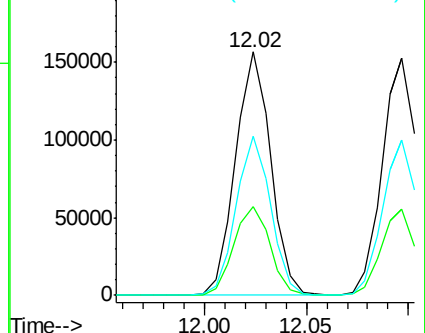
148 64.3 30.6 91.8



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: 19.726 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

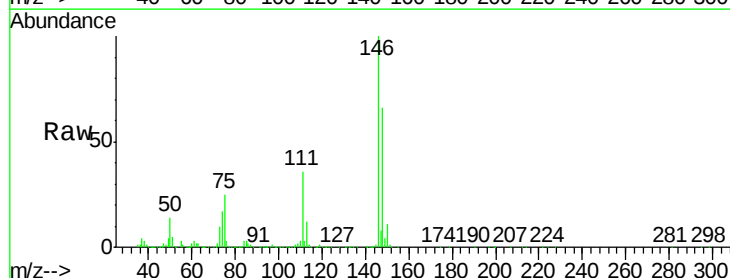
Tgt Ion:146 Resp: 186219

Ion Ratio Lower Upper

146 100

111 35.3 17.6 52.8

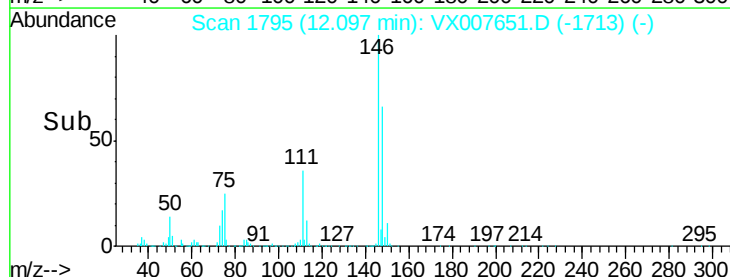
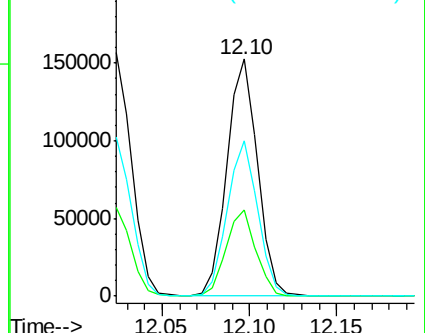
148 65.1 31.4 94.2

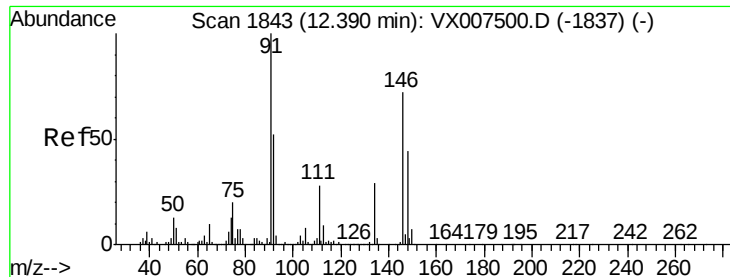


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

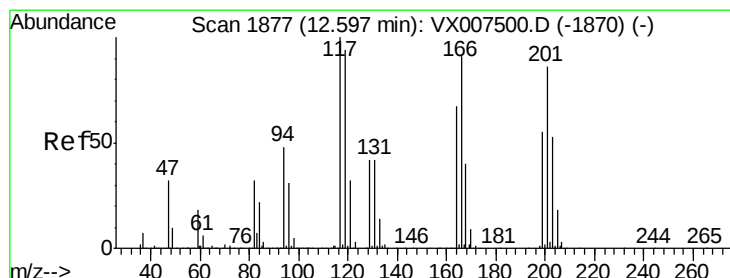
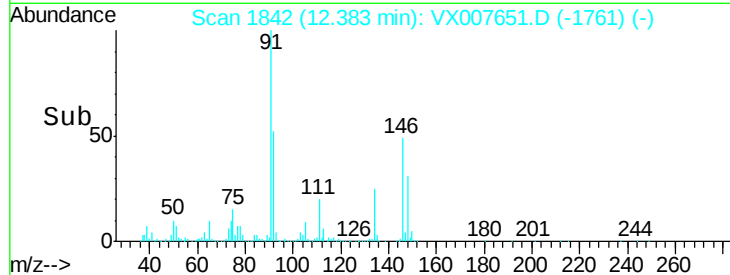
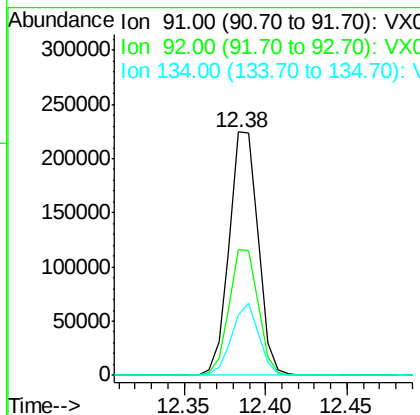
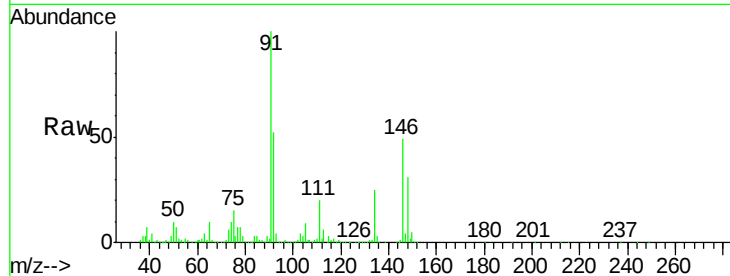




#85
n-Butylbenzene
Concen: 19.455 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

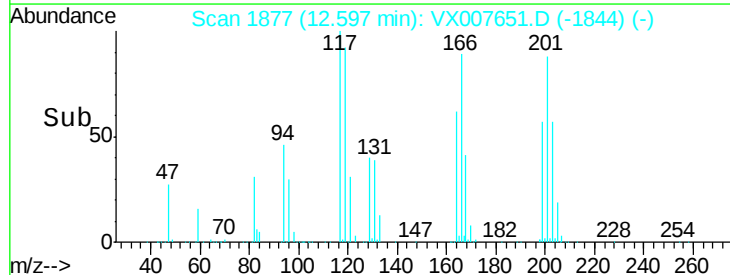
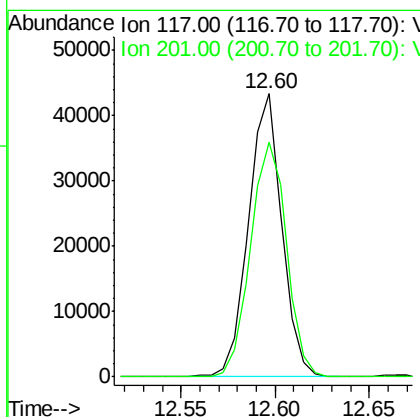
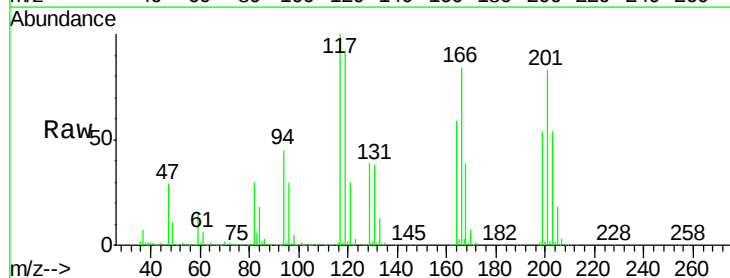
Instrument :
MSVOA_X
ClientSampled :
VX0222WBS01

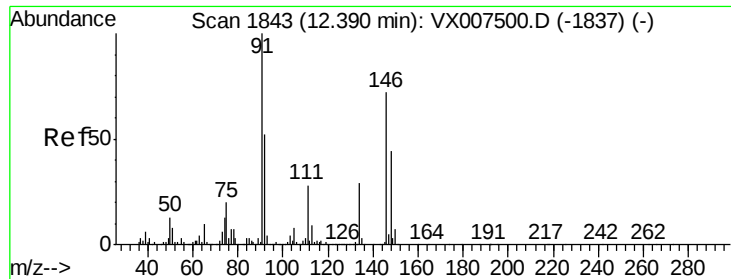
Tot Ion: 91 Resp: 275808
Ion Ratio Lower Upper
91 100
92 52.1 0.0 105.2
134 27.8 0.0 56.4



#86
Hexachloroethane
Concen: 18.734 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Tgt Ion: 117 Resp: 53138
Ion Ratio Lower Upper
117 100
201 89.3 41.1 123.3





#87

1,2-Dichlorobenzene

Concen: 19.908 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

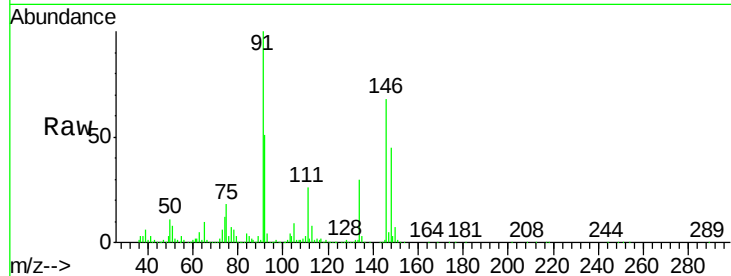
Tot Ion:146 Resp: 189026

Ion Ratio Lower Upper

146 100

111 38.0 19.3 57.8

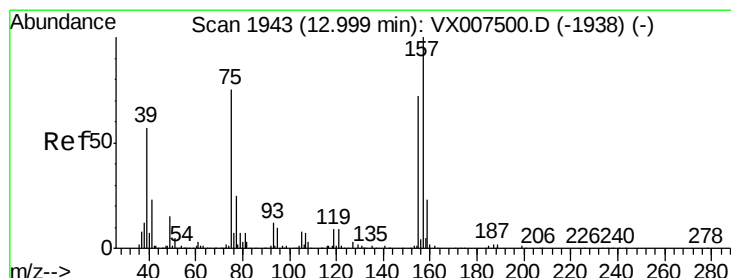
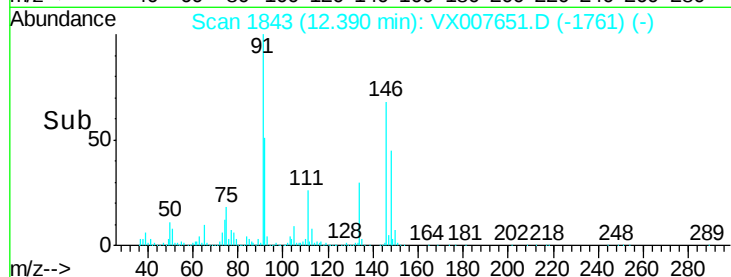
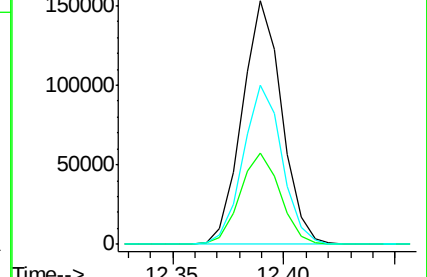
148 64.4 32.1 96.3



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: 19.303 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

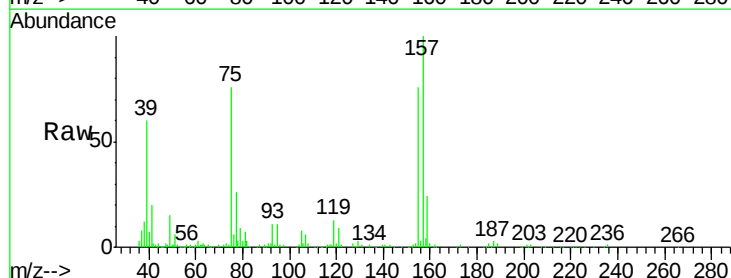
Tgt Ion: 75 Resp: 26246

Ion Ratio Lower Upper

75 100

155 97.1 81.0 121.6

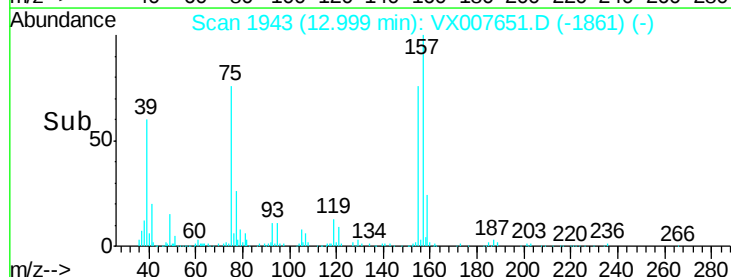
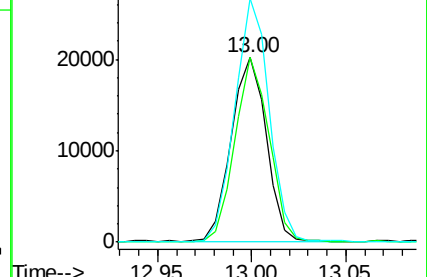
157 129.1 103.2 154.8

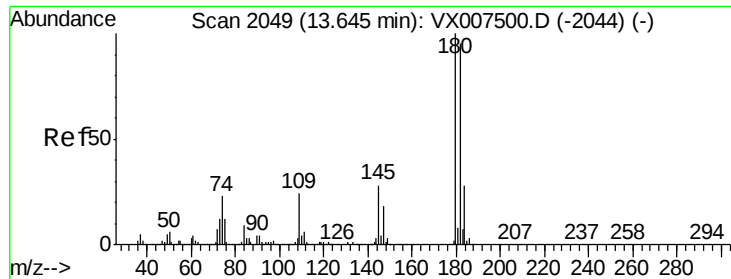


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

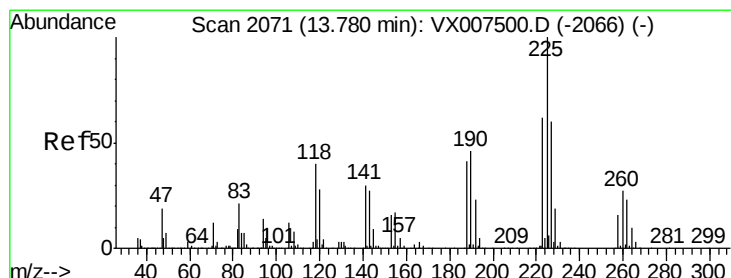
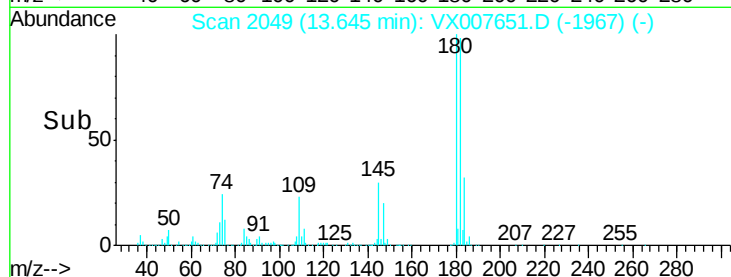
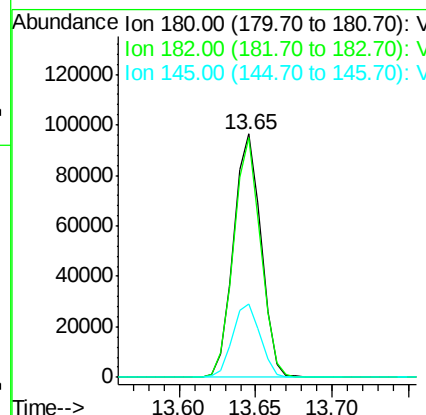
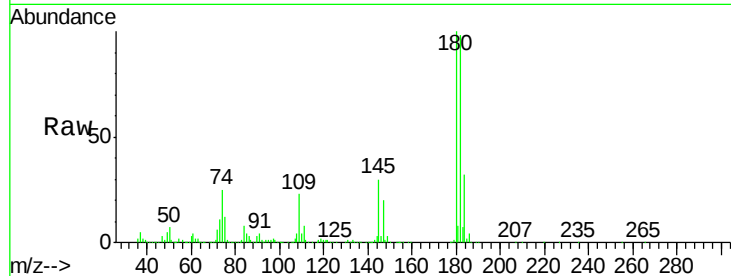




#89
 1,2,4-Trichlorobenzene
 Concen: 19.282 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007651.D
 Acq: 22 Feb 2019 11:23

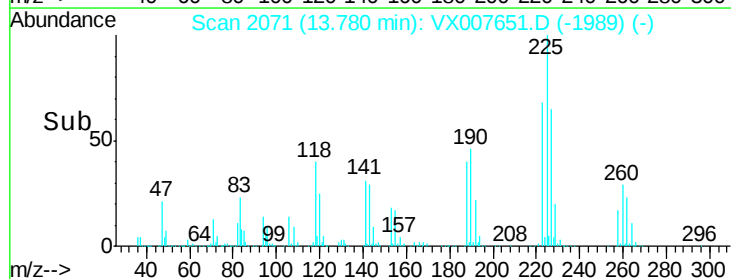
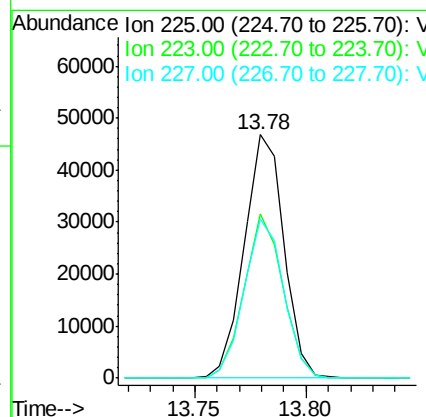
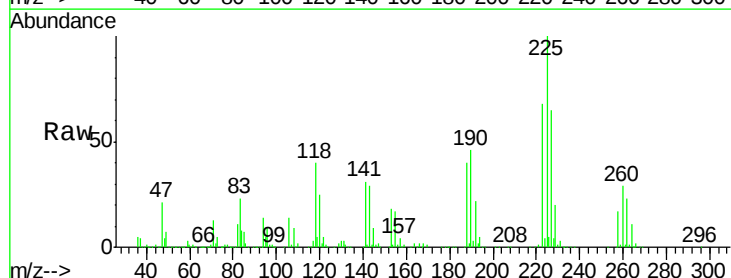
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBS01

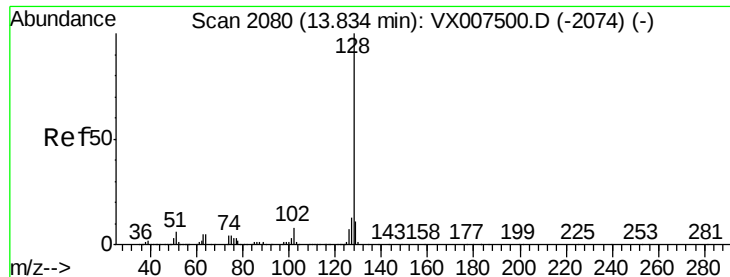
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.6	113.4
145	30.2	23.0	34.6



#90
 Hexachlorobutadiene
 Concen: 19.989 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007651.D
 Acq: 22 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.9	0.0	123.8
227	65.0	0.0	124.4





#91

Naphthalene

Concen: 18.880 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

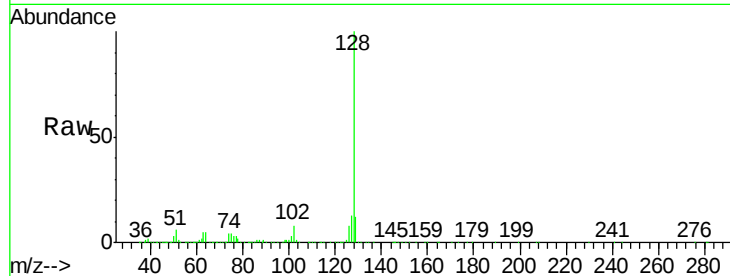
Tot Ion:128 Resp: 375491

Ion Ratio Lower Upper

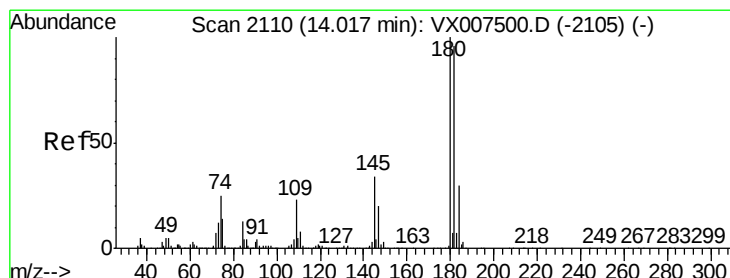
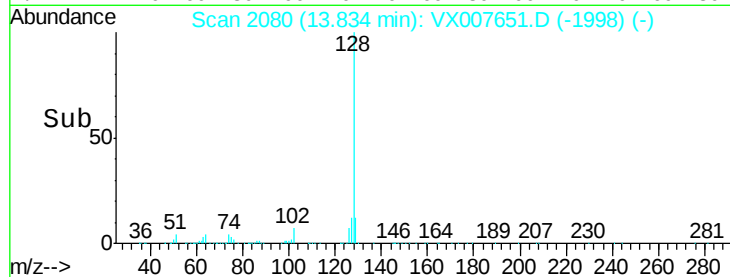
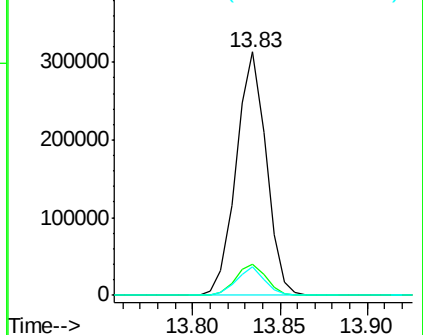
128 100

127 13.0 10.5 15.7

129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 19.360 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

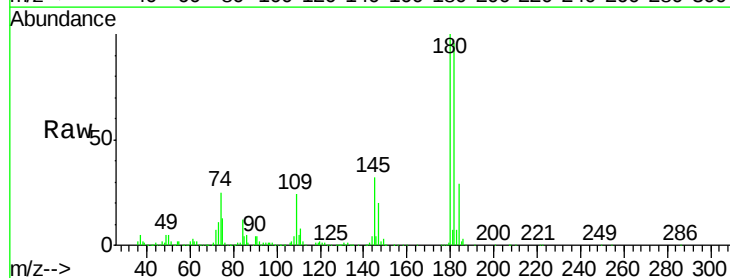
Tgt Ion:180 Resp: 122732

Ion Ratio Lower Upper

180 100

182 95.6 0.0 193.0

145 31.2 0.0 63.0



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

