

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031519\
 Data File : VX008107.D
 Acq On : 15 Mar 2019 14:56
 Operator : JC/SP
 Sample : VX0315WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

Quant Time: Mar 16 00:56:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	41856	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	223681	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	196761	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	76693	27.88	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	92.93%
60) 4-Bromofluorobenzene	11.13	95	90357	28.77	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.90%
63) Toluene-d8	8.71	98	267291	29.68	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.93%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	38442	15.471	ug/l 99
3) Chloromethane	1.33	50	36235	13.114	ug/l 97
4) Vinyl Chloride	1.41	62	37785	13.805	ug/l 97
5) Bromomethane	1.64	94	23136	16.955	ug/l 100
6) Chloroethane	1.73	64	23494	14.698	ug/l 95
7) Trichlorofluoromethane	1.93	101	52930	15.530	ug/l 96
8) Diethyl Ether	2.19	74	27731	15.799	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	42235	16.482	ug/l 94
10) 1,1-Dichloroethene	2.38	96	40754	16.780	ug/l 94
11) Methyl Iodide	2.51	142	64524	16.971	ug/l 91
12) Methyl Acetate	2.78	43	53906	14.034	ug/l 97
13) Acrolein	2.30	56	35039	77.753	ug/l 98
14) Acrylonitrile	3.15	53	123785	75.915	ug/l 99
15) Acetone	2.45	58	36244	61.566	ug/l 96
16) Carbon Disulfide	2.57	76	114653	15.046	ug/l 99
17) Allyl chloride	2.73	41	67016	13.459	ug/l 93
18) Methylene Chloride	2.86	84	43980	15.895	ug/l 91
19) trans-1,2-Dichloroethene	3.17	96	42643	16.594	ug/l 96
20) Diisopropyl ether	3.87	45	139874	15.355	ug/l 95
21) 1,1-Dichloroethane	3.70	63	79659	16.079	ug/l 98
22) cis-1,2-Dichloroethene	4.59	96	50962	17.192	ug/l 98
23) tert-Butyl Alcohol	3.07	59	53927	81.978	ug/l 100
24) Methyl tert-Butyl Ether	3.21	73	134620	16.121	ug/l 93
25) Chloroform	5.21	83	80346	17.182	ug/l 97
26) Cyclohexane	5.57	56	69881	15.264	ug/l # 97
29) 1,1-Dichloropropene	5.80	75	59086	16.660	ug/l 98
30) 2-Butanone	4.70	43	180171	75.320	ug/l 99
31) 2,2-Dichloropropane	4.58	77	55540	16.954	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	66990	17.467	ug/l 100
33) Carbon Tetrachloride	5.79	117	59557	17.508	ug/l 96
34) Benzene	6.15	78	183515	16.884	ug/l 98
35) Methacrylonitrile	5.06	41	36041	15.462	ug/l 97
36) 1,2-Dichloroethane	6.20	62	59818	16.916	ug/l 99
37) Trichloroethene	7.21	130	53772	18.260	ug/l 100
38) Methylcyclohexane	7.46	83	72153	16.001	ug/l 98
39) 1,2-Dichloropropane	7.52	63	47177	16.644	ug/l 100
40) Dibromomethane	7.66	93	31795	17.684	ug/l 90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	56984	16.767	ug/l	99
42) Vinyl Acetate	3.82	43	603000	77.874	ug/l	99
43) Ethyl Acetate	4.85	43	65308	15.674	ug/l #	81
44) Isopropyl Acetate	6.46	43	99214	15.606	ug/l	97
45) 1,4-Dioxane	7.75	88	24612	370.026	ug/l	96
46) Methyl methacrylate	7.77	41	51720	15.468	ug/l	94
47) n-amyl Acetate	10.90	43	81593	14.895	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	59078	16.051	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	67896	16.291	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	49017	17.885	ug/l	96
51) Ethyl methacrylate	9.18	69	69301	16.674	ug/l	93
52) 1,3-Dichloropropane	9.37	76	77802	17.181	ug/l	98
53) Dibromochloromethane	9.58	129	48772	17.301	ug/l	99
54) 1,2-Dibromoethane	9.67	107	50824	17.739	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	179225	92.714	ug/l	98
56) Bromoform	10.85	173	39083	17.381	ug/l #	97
58) 4-Methyl-2-Pentanone	8.65	43	331412	81.810	ug/l	97
59) 2-Hexanone	9.49	43	252916	79.091	ug/l	97
61) Tetrachloroethene	9.34	164	54920	19.134	ug/l	94
62) Toluene	8.79	91	197482	17.188	ug/l	99
64) Chlorobenzene	10.14	112	129746	17.718	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	47777	18.223	ug/l	100
66) Ethyl Benzene	10.25	91	210181	17.031	ug/l	97
67) m/p-Xylenes	10.36	106	165659	35.008	ug/l	100
68) o-Xylene	10.69	106	80018	17.414	ug/l	99
69) Styrene	10.71	104	131729	17.399	ug/l	98
70) Isopropylbenzene	11.02	105	214876	17.500	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.27	83	70772	17.452	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	80397	21.033	ug/l	90
73) Bromobenzene	11.26	156	59571	18.250	ug/l	98
74) n-propylbenzene	11.36	91	233467	16.857	ug/l	100
75) 2-Chlorotoluene	11.42	91	141563	17.053	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	178828	17.574	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	19114	16.185	ug/l	90
78) 4-Chlorotoluene	11.51	91	160330	17.082	ug/l	97
79) tert-butylbenzene	12.06	119	190515	17.447	ug/l	97
80) 1,2,4-Trimethylbenzene	11.80	105	179167	17.348	ug/l	99
81) sec-Butylbenzene	11.94	105	207726	16.983	ug/l	99
82) p-Isopropyltoluene	12.06	119	190515	17.447	ug/l	97
83) 1,3-Dichlorobenzene	12.02	146	103910	17.879	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	102504	17.628	ug/l	98
85) n-Butylbenzene	12.39	91	147361	15.779	ug/l	99
86) Hexachloroethane	12.60	117	29531	16.598	ug/l	77
87) 1,2-Dichlorobenzene	12.39	146	104592	18.210	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	14434	17.426	ug/l	92
89) 1,2,4-Trichlorobenzene	13.65	180	71501	17.322	ug/l	97
90) Hexachlorobutadiene	13.78	225	39504	17.352	ug/l	99
91) Naphthalene	13.83	128	211128	17.843	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	72337	17.631	ug/l	99

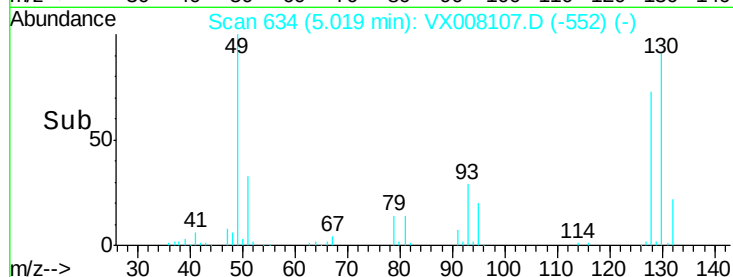
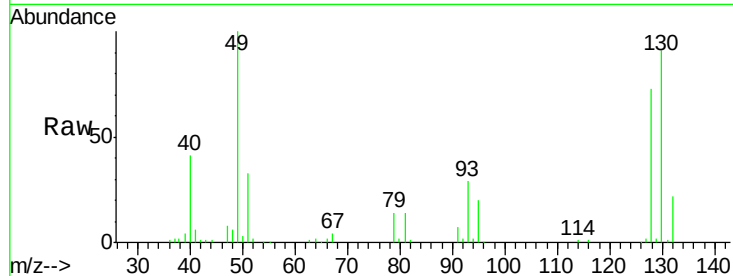
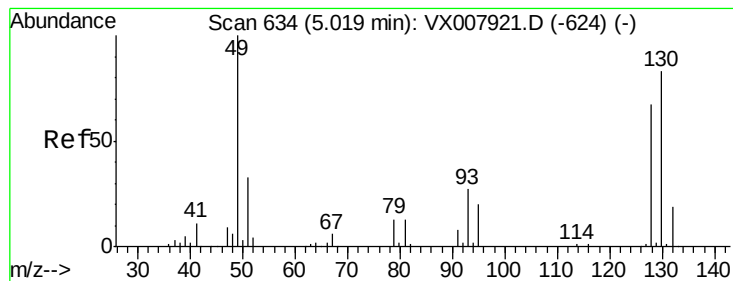
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

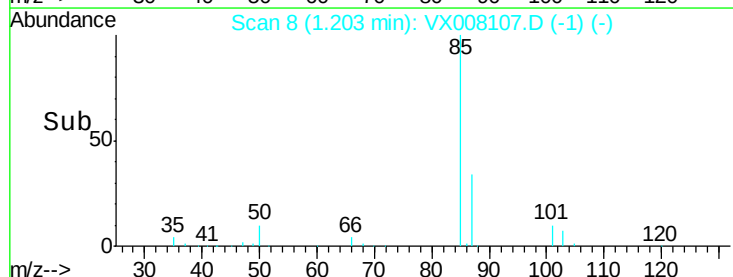
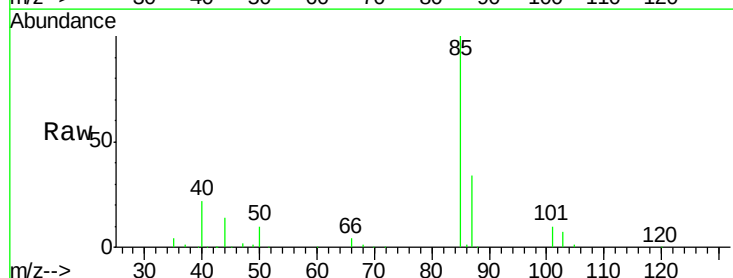
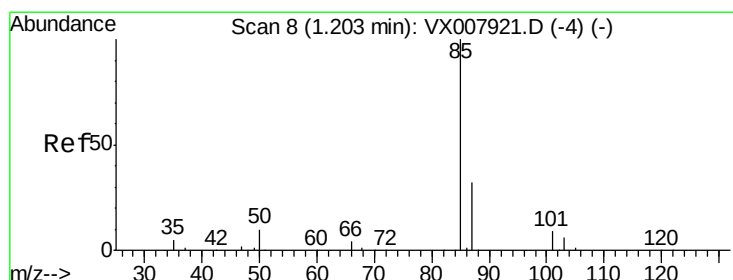
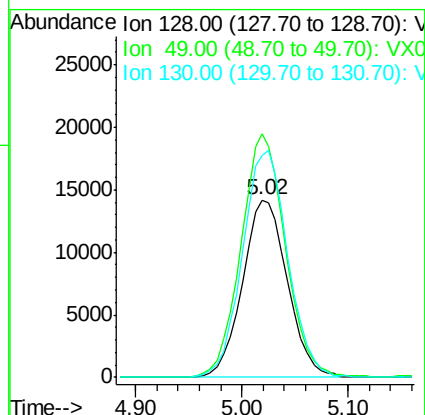
Tot Ion:128 Resp: 41856

Ion Ratio Lower Upper

128 100

49 136.1 0.0 350.8

130 129.0 0.0 325.8



#2

Dichlorodifluoromethane

Concen: 15.471 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX008107.D

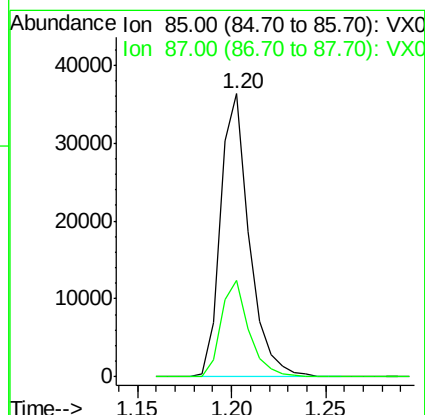
Acq: 15 Mar 2019 14:56

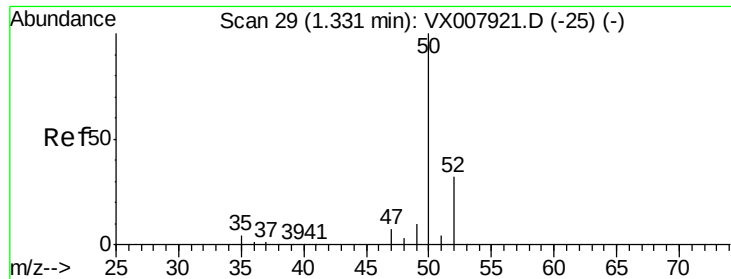
Tgt Ion: 85 Resp: 38442

Ion Ratio Lower Upper

85 100

87 33.9 16.6 49.8





#3

Chloromethane

Concen: 13.114 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

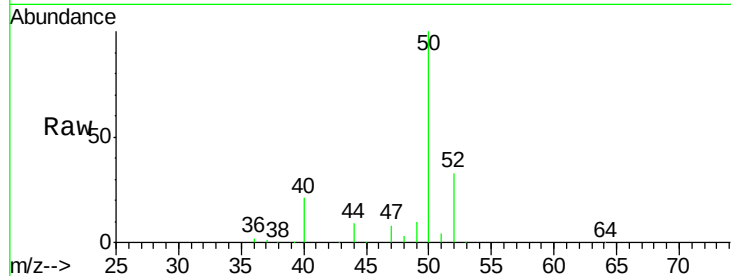
VX0315WBSD01

Tot Ion: 50 Resp: 36235

Ion Ratio Lower Upper

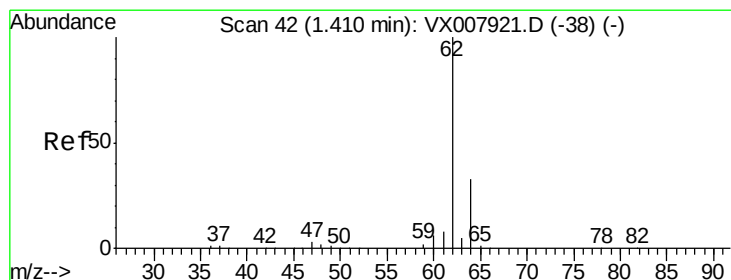
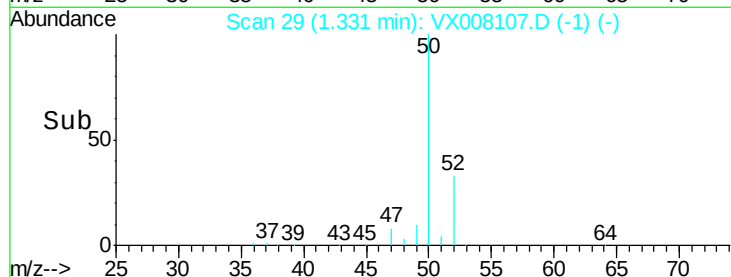
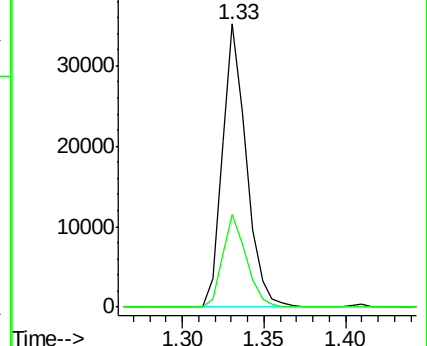
50 100

52 33.0 27.5 41.3



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 13.805 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008107.D

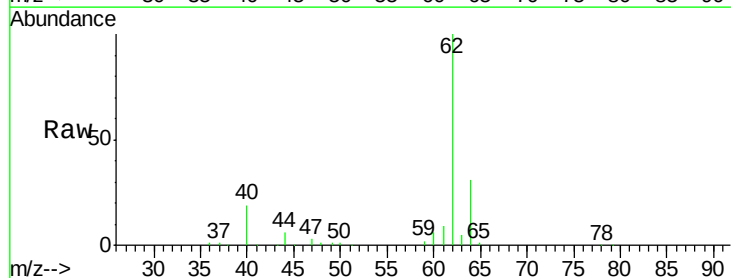
Acq: 15 Mar 2019 14:56

Tgt Ion: 62 Resp: 37785

Ion Ratio Lower Upper

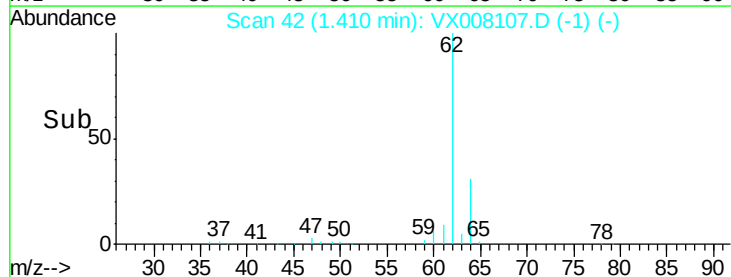
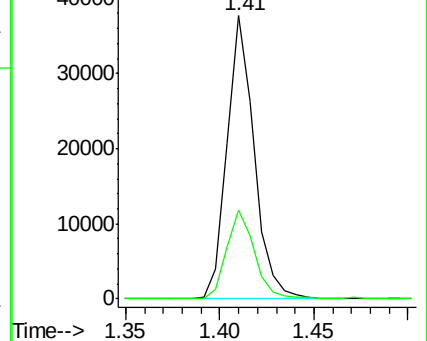
62 100

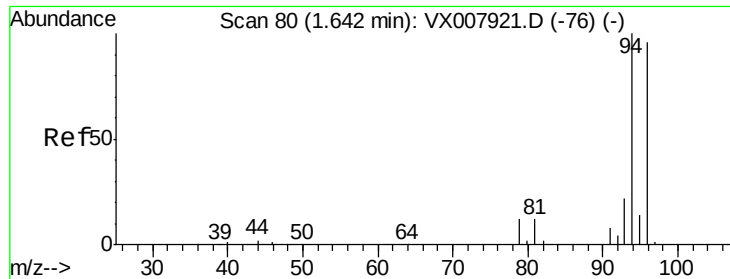
64 31.0 25.9 38.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0

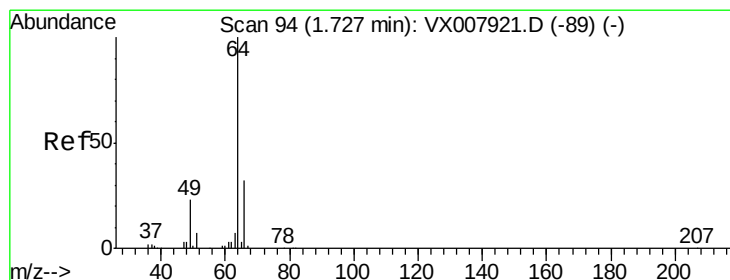
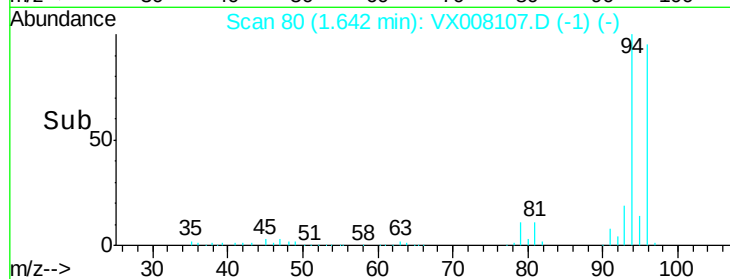
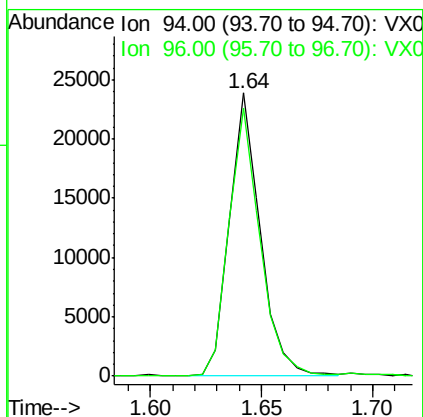
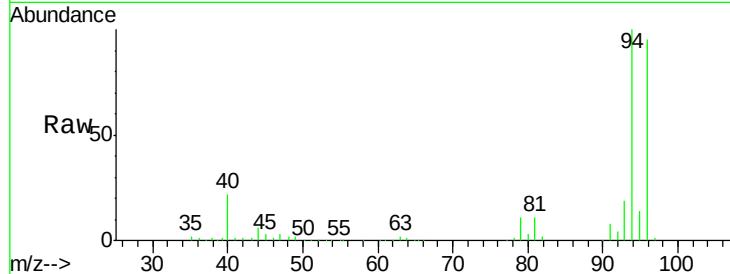




#5
 Bromomethane
 Concen: 16.955 ug/l
 RT: 1.64 min Scan# 80
 Delta R.T. 0.00 min
 Lab File: VX008107.D
 Acq: 15 Mar 2019 14:56

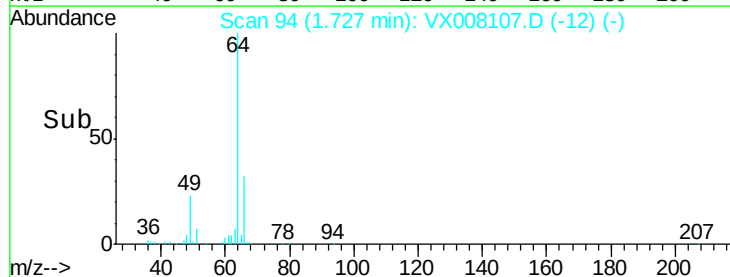
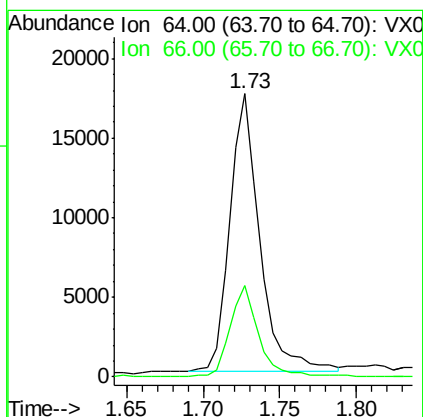
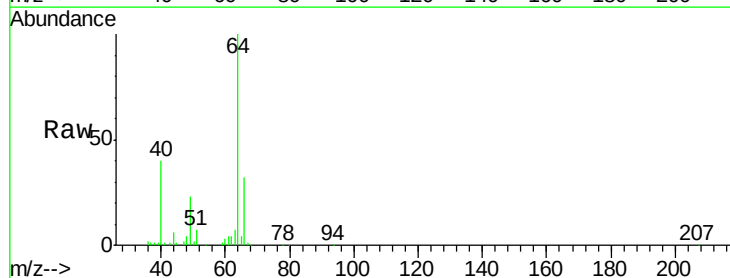
Instrument :
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 ClientSampleId :
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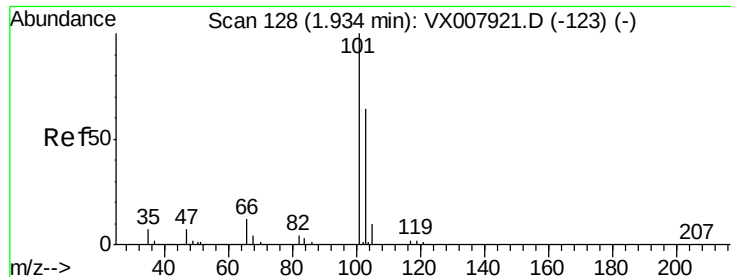
Tot Ion: 94 Resp: 23136
 Ion Ratio Lower Upper
 94 100
 96 94.9 75.6 113.4



#6
 Chloroethane
 Concen: 14.698 ug/l
 RT: 1.73 min Scan# 94
 Delta R.T. 0.00 min
 Lab File: VX008107.D
 Acq: 15 Mar 2019 14:56

Tgt Ion: 64 Resp: 23494
 Ion Ratio Lower Upper
 64 100
 66 32.4 23.9 35.9



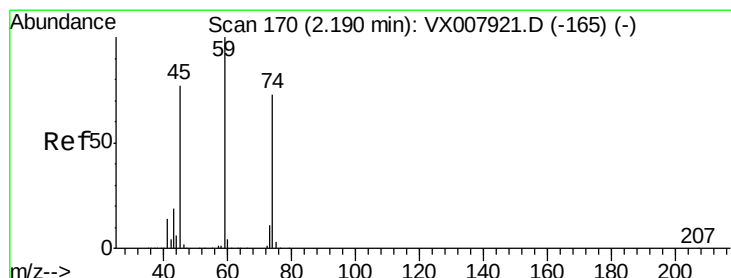
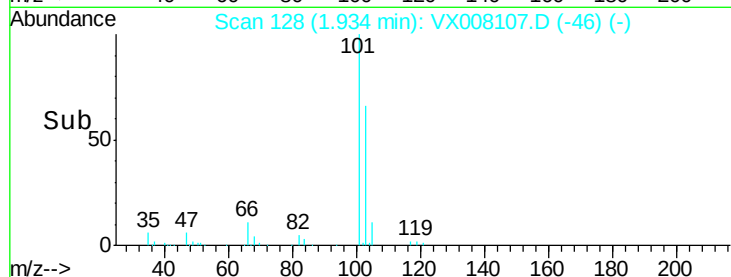
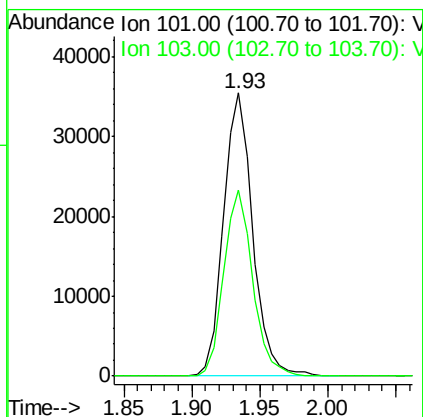
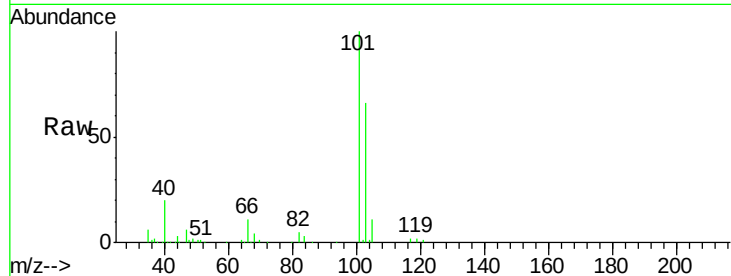


#7

Trichlorofluoromethane
 Concen: 15.530 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.00 min
 Lab File: VX008107.D
 Acq: 15 Mar 2019 14:56

Instrument :
 MSVOA_X
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 VX0315WBSD01

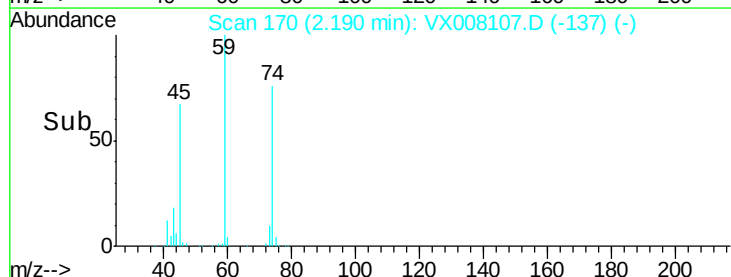
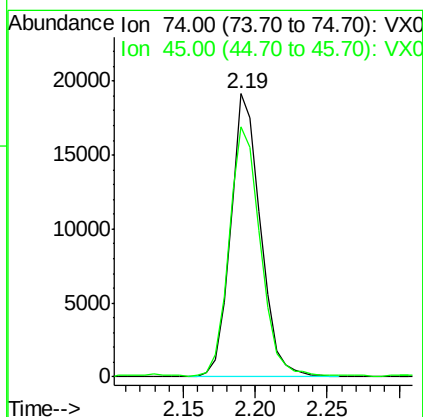
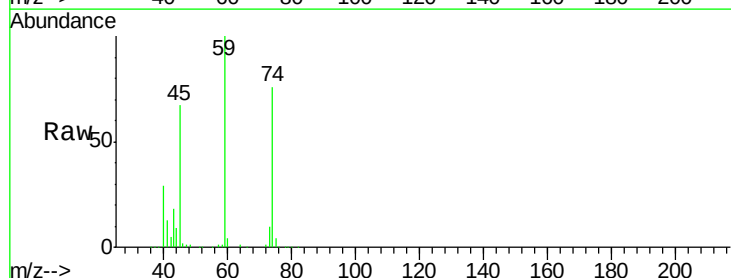
Tot Ion:101 Resp: 52930
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.4 75.6

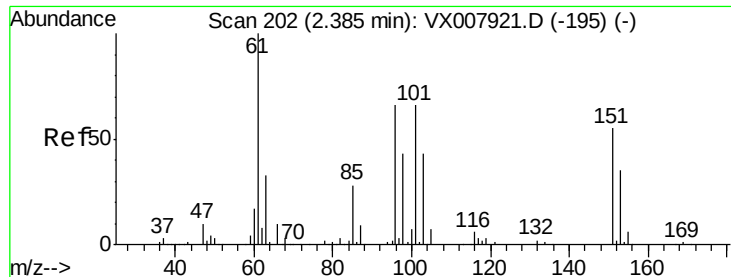


#8

Diethyl Ether
 Concen: 15.799 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX008107.D
 Acq: 15 Mar 2019 14:56

Tgt Ion: 74 Resp: 27731
 Ion Ratio Lower Upper
 74 100
 45 92.0 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.482 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

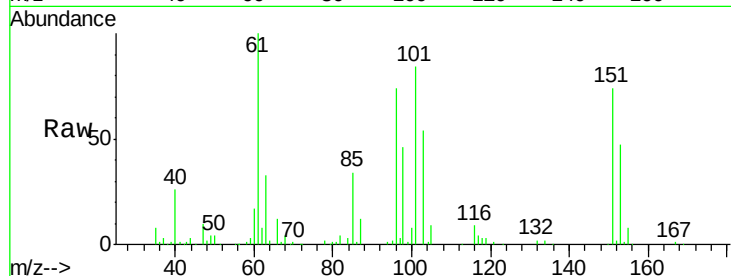
Tot Ion:101 Resp: 42235

Ion Ratio Lower Upper

101 100

85 40.6 0.0 86.8

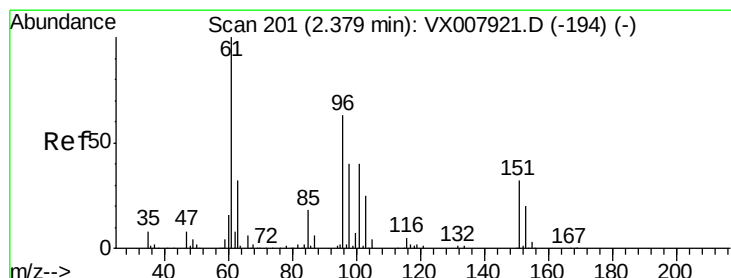
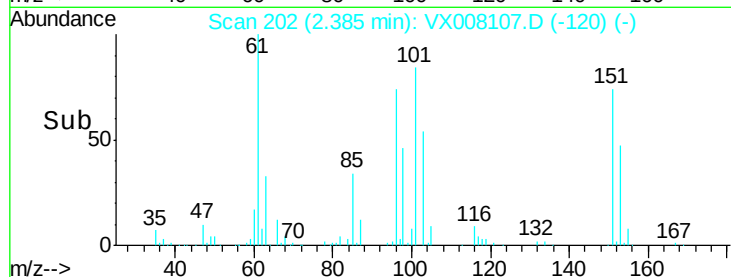
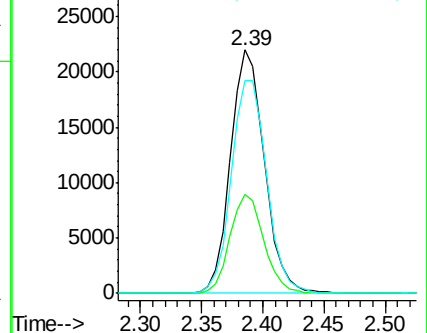
151 91.0 0.0 169.2



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: 16.780 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

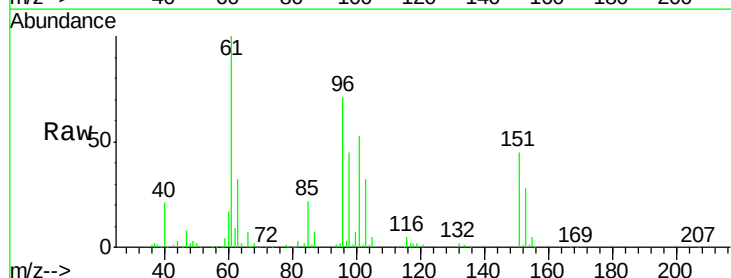
Tgt Ion: 96 Resp: 40754

Ion Ratio Lower Upper

96 100

61 140.4 120.2 180.2

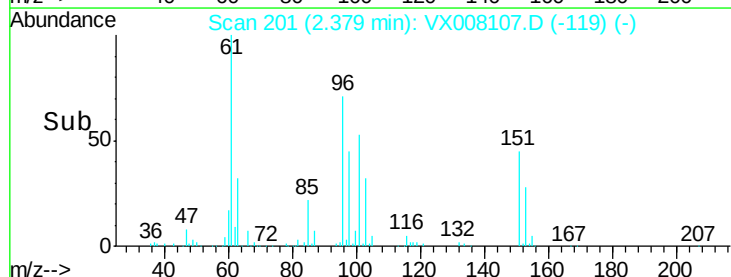
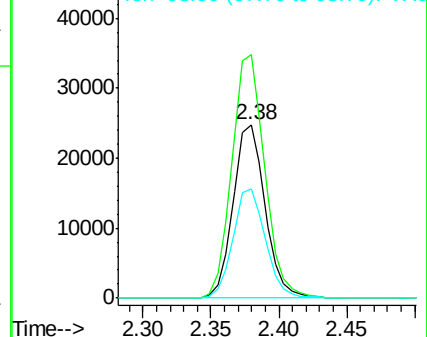
98 62.8 49.0 73.4

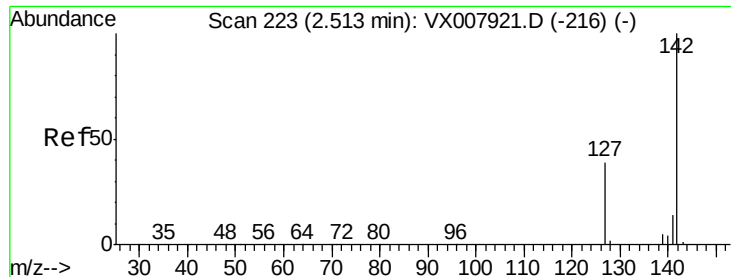


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

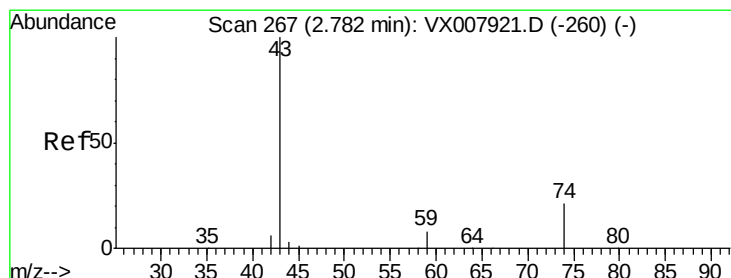
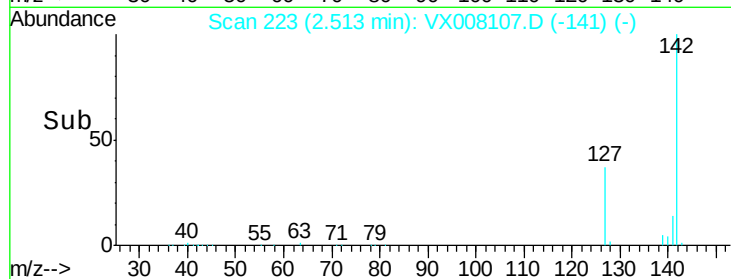
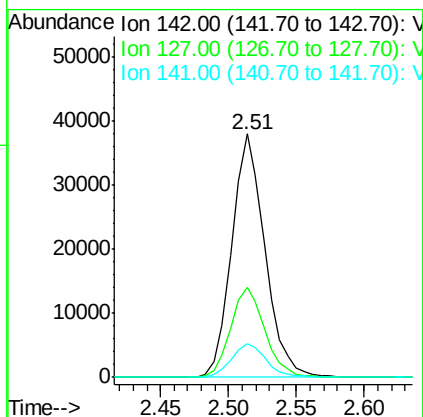
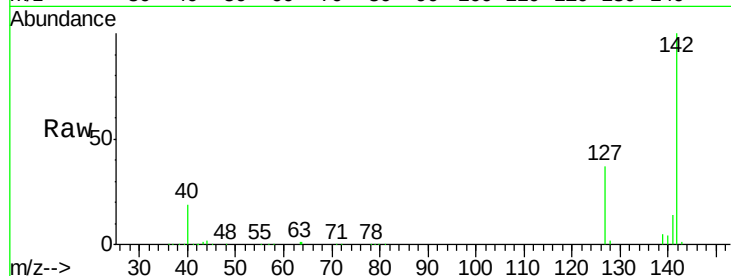




#11
Methyl Iodide
Concen: 16.971 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX008107.D
Acq: 15 Mar 2019 14:56

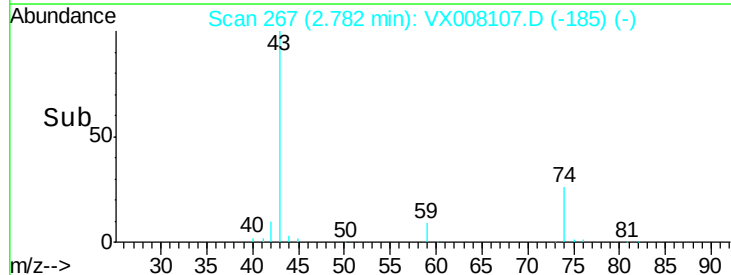
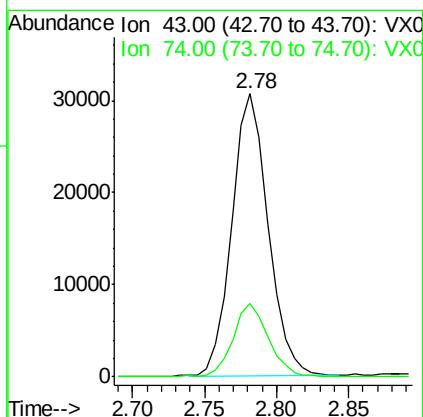
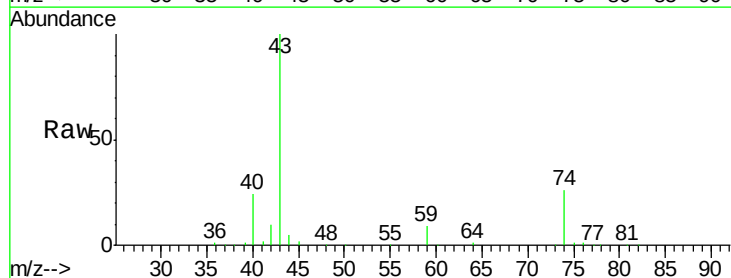
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

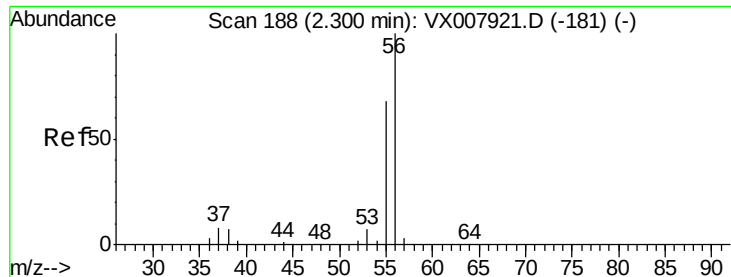
Tot Ion:142 Resp: 64524
Ion Ratio Lower Upper
142 100
127 37.1 22.1 66.5
141 13.9 7.4 22.3



#12
Methyl Acetate
Concen: 14.034 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX008107.D
Acq: 15 Mar 2019 14:56

Tgt Ion: 43 Resp: 53906
Ion Ratio Lower Upper
43 100
74 25.7 19.4 29.0





#13

Acrolein

Concen: 77.753 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

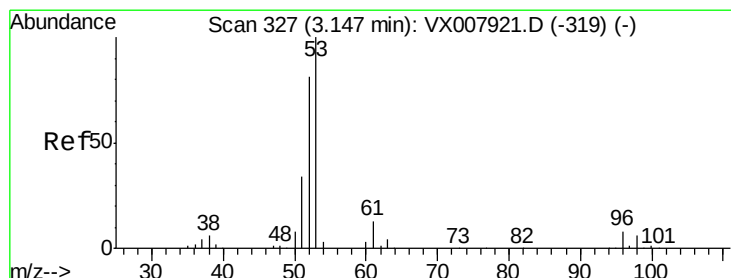
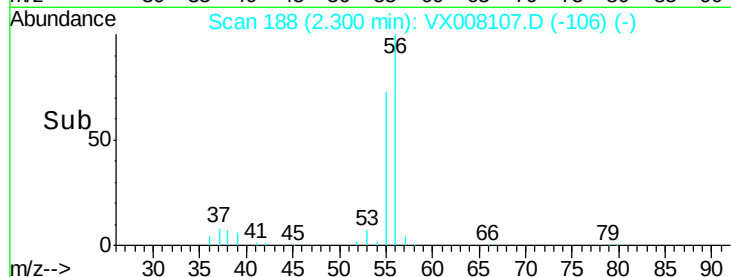
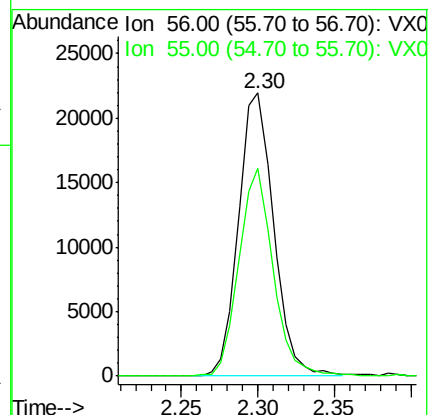
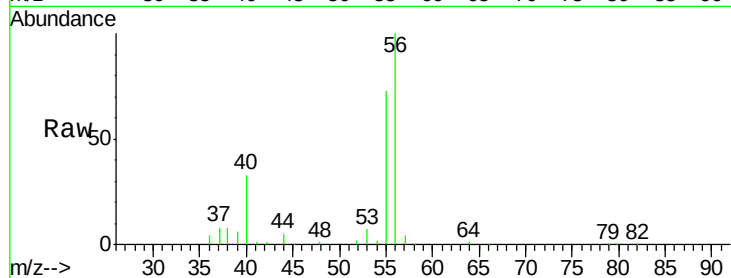
VX0315WBSD01

Tot Ion: 56 Resp: 35039

Ion Ratio Lower Upper

56 100

55 71.4 58.6 87.8



#14

Acrylonitrile

Concen: 75.915 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

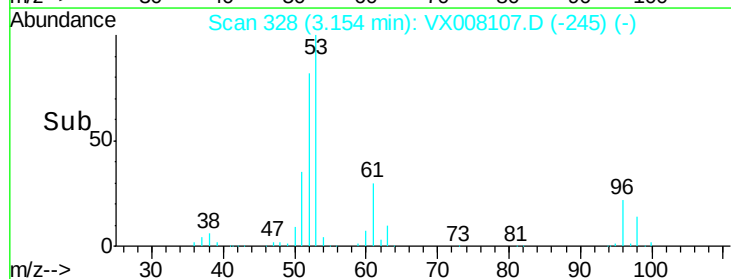
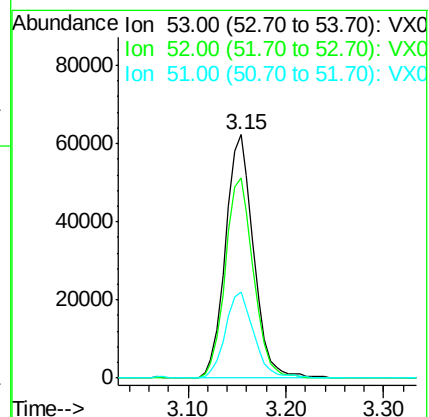
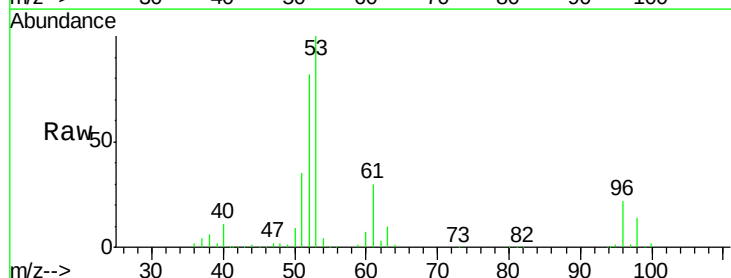
Tgt Ion: 53 Resp: 123785

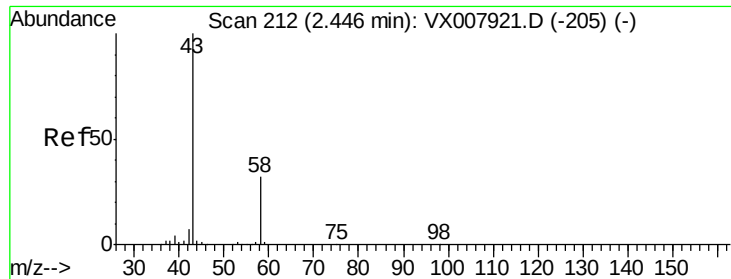
Ion Ratio Lower Upper

53 100

52 82.6 41.3 124.1

51 36.2 17.5 52.6





#15

Acetone

Concen: 61.566 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

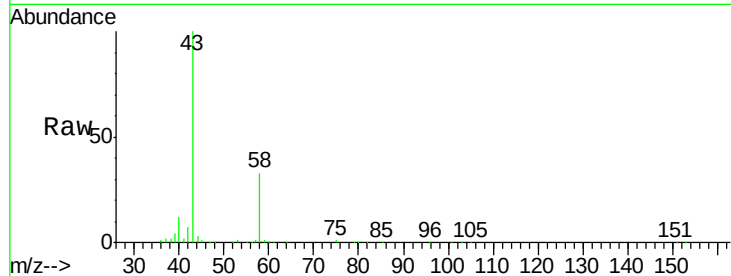
VX0315WBSD01

Tot Ion: 58 Resp: 36244

Ion Ratio Lower Upper

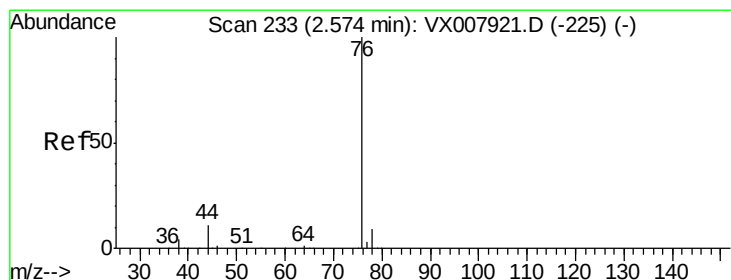
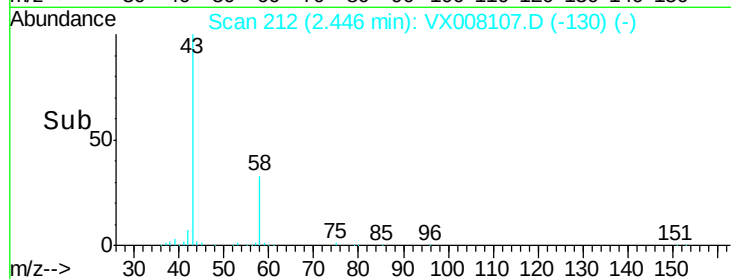
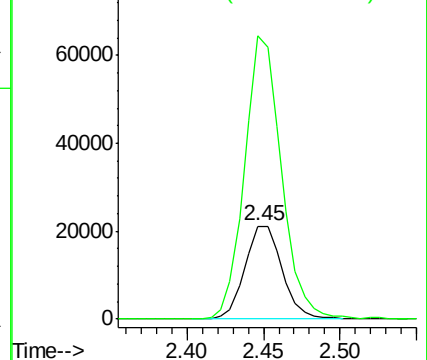
58 100

43 303.2 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 15.046 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX008107.D

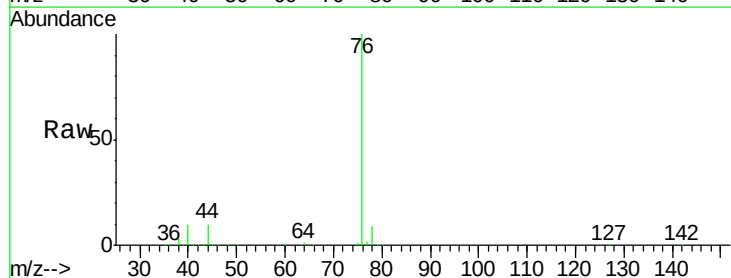
Acq: 15 Mar 2019 14:56

Tgt Ion: 76 Resp: 114653

Ion Ratio Lower Upper

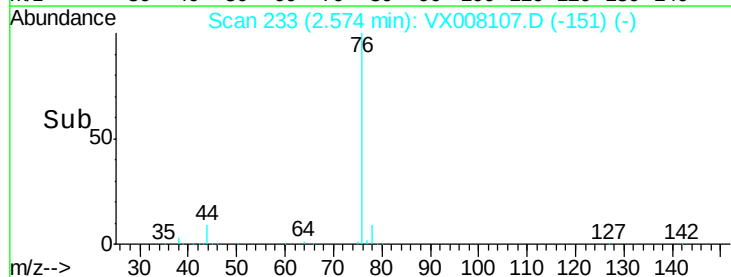
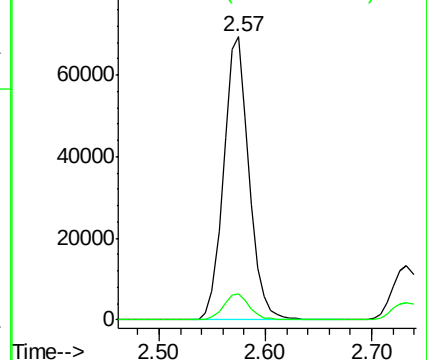
76 100

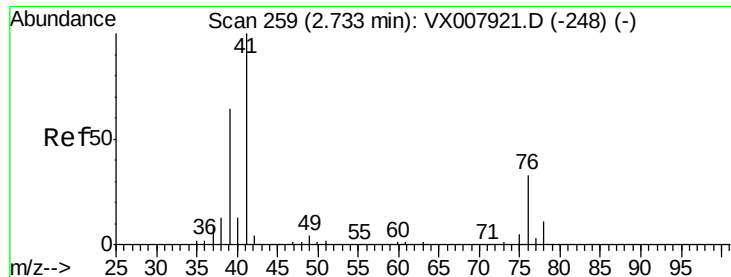
78 9.2 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#17

Allvl chloride

Concen: 13.459 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

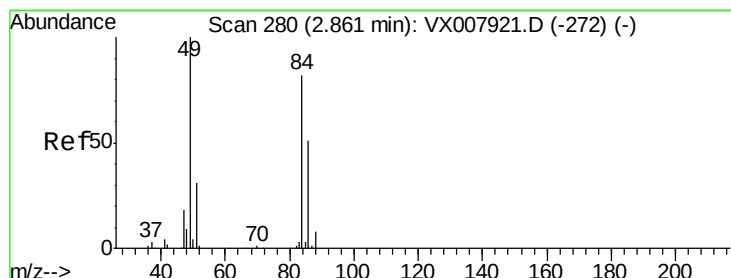
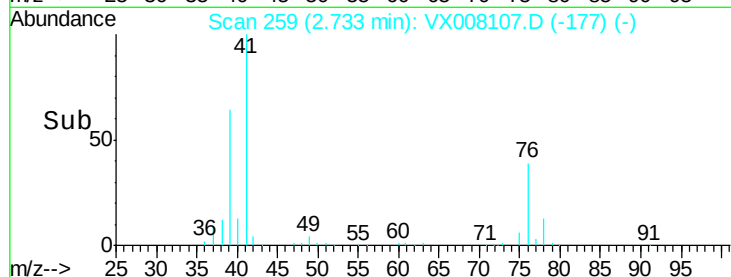
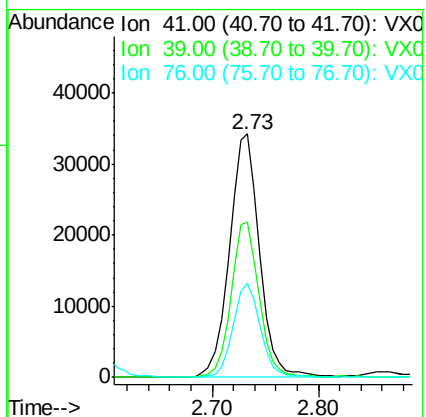
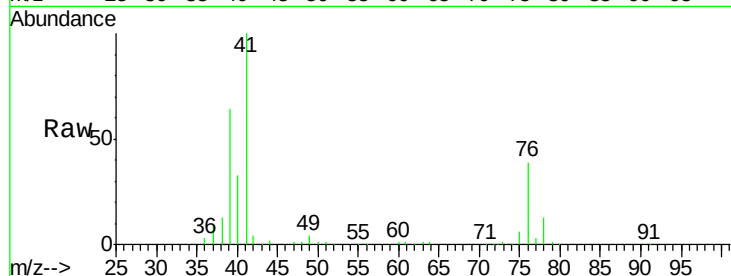
Tot Ion: 41 Resp: 67016

Ion Ratio Lower Upper

41 100

39 64.2 35.8 107.4

76 38.9 18.3 54.9



#18

Methylene Chloride

Concen: 15.895 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Tgt Ion: 84 Resp: 43980

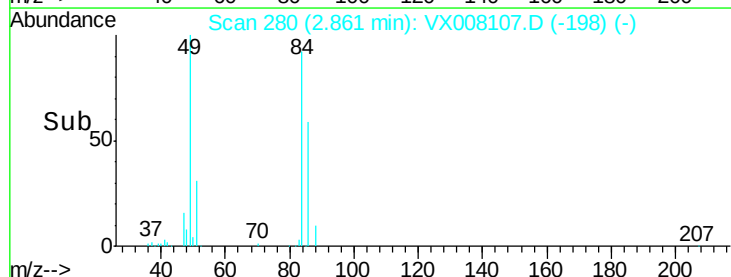
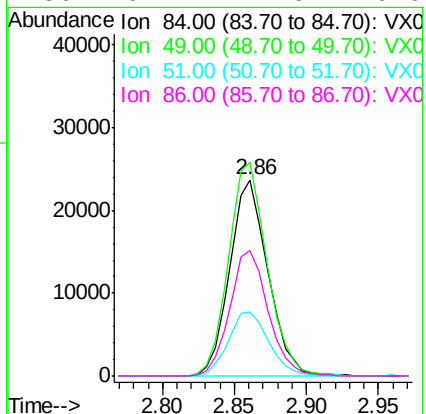
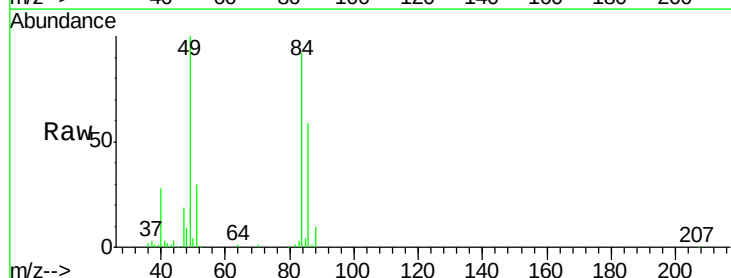
Ion Ratio Lower Upper

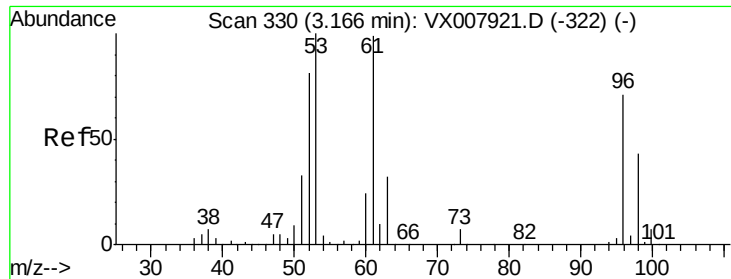
84 100

49 108.6 96.1 144.1

51 32.9 29.1 43.7

86 64.2 47.3 70.9

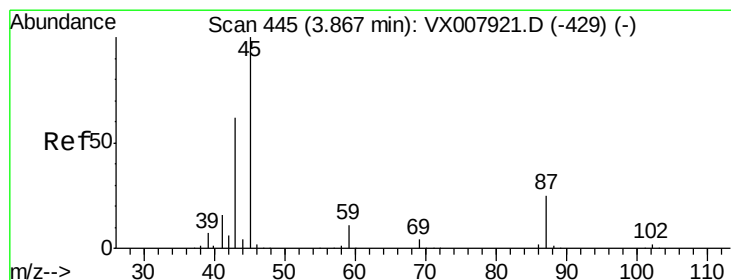
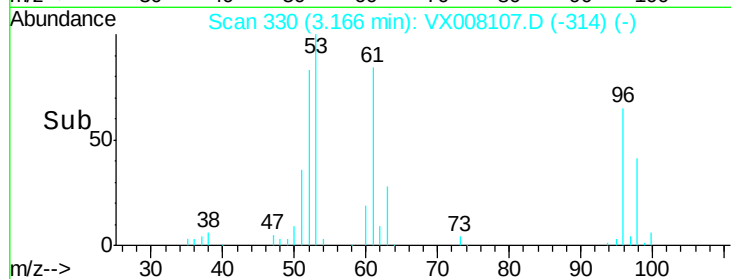
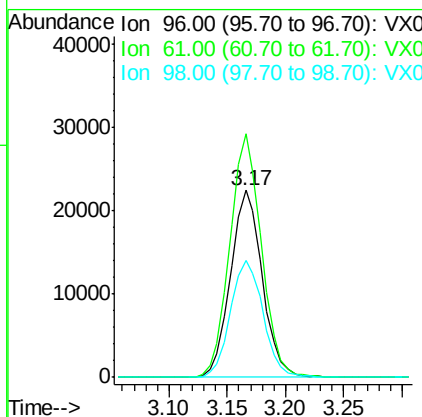
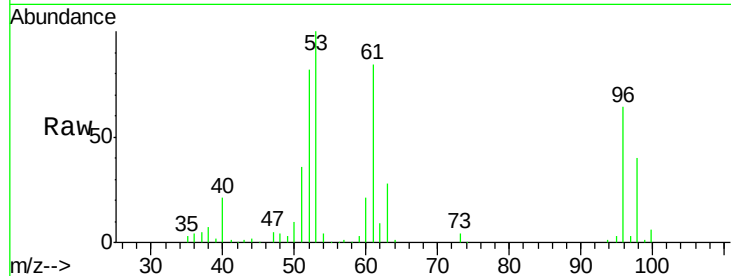




#19
trans-1,2-Dichloroethene
Concen: 16.594 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX008107.D
Acq: 15 Mar 2019 14:56

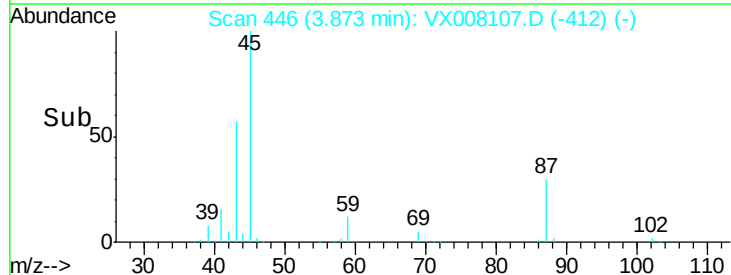
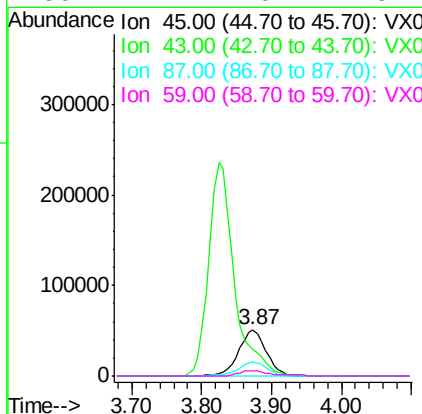
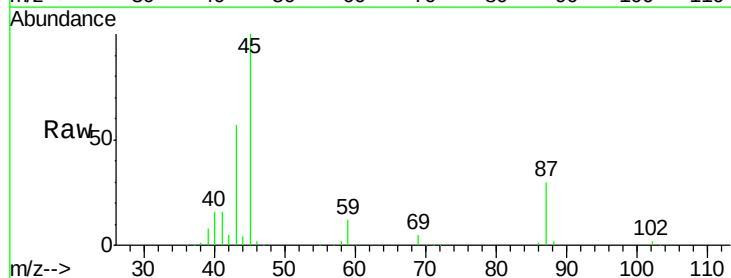
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

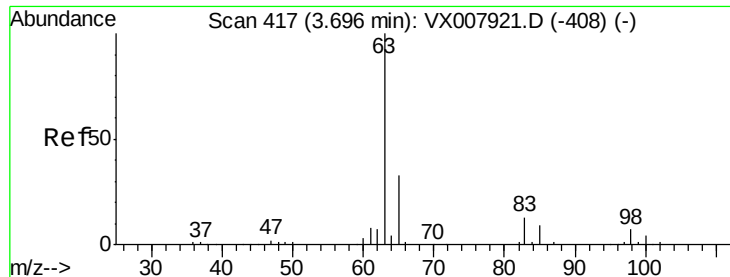
Tot Ion: 96 Resp: 42643
Ion Ratio Lower Upper
96 100
61 130.0 109.9 164.9
98 62.5 50.4 75.6



#20
Diisopropyl ether
Concen: 15.355 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.01 min
Lab File: VX008107.D
Acq: 15 Mar 2019 14:56

Tgt Ion: 45 Resp: 139874
Ion Ratio Lower Upper
45 100
43 57.1 50.6 76.0
87 30.2 24.5 36.7
59 12.2 10.2 15.2





#21

1,1-Dichloroethane

Concen: 16.079 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

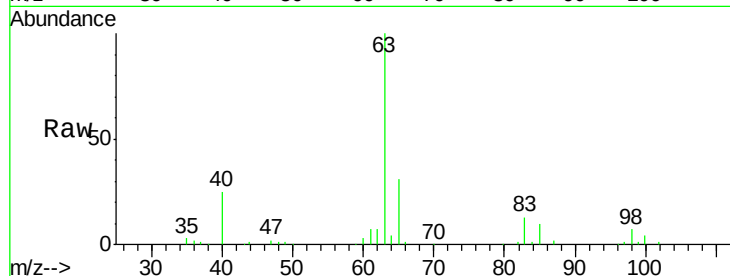
Tot Ion: 63 Resp: 79659

Ion Ratio Lower Upper

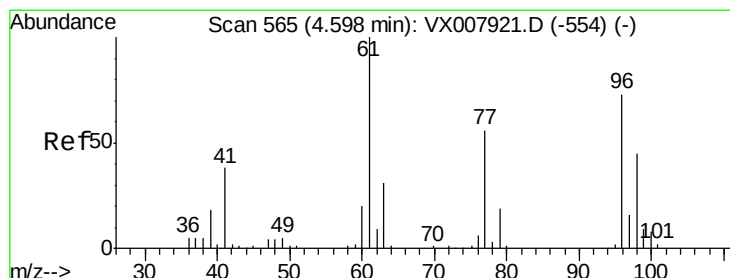
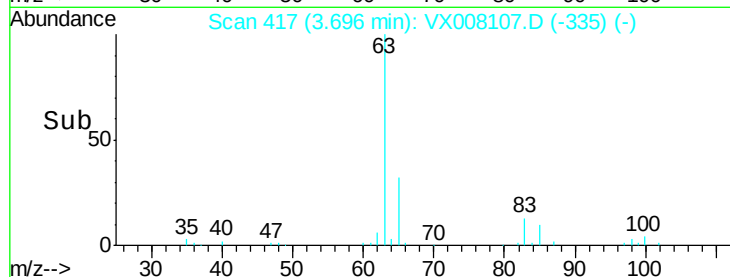
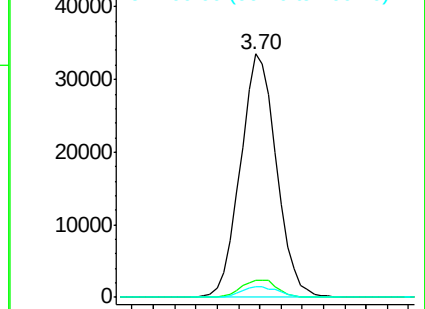
63 100

98 6.8 3.8 11.4

100 4.5 2.4 7.1



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



#22

cis-1,2-Dichloroethene

Concen: 17.192 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

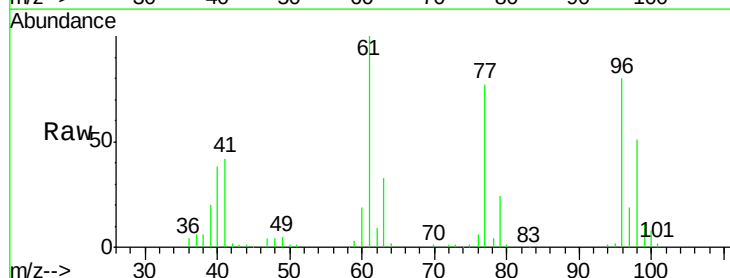
Tgt Ion: 96 Resp: 50962

Ion Ratio Lower Upper

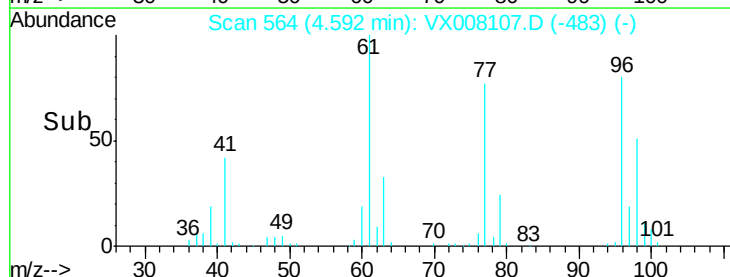
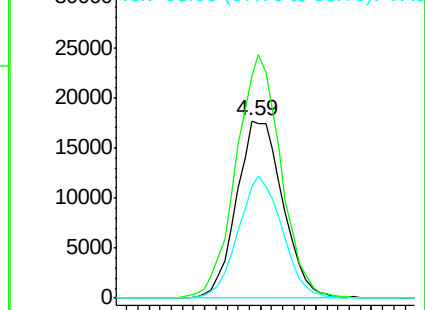
96 100

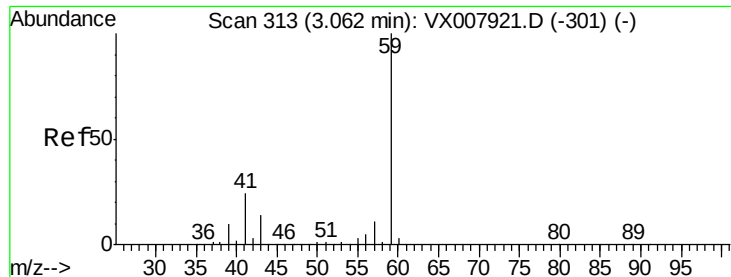
61 133.4 103.5 155.3

98 65.4 52.1 78.1



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



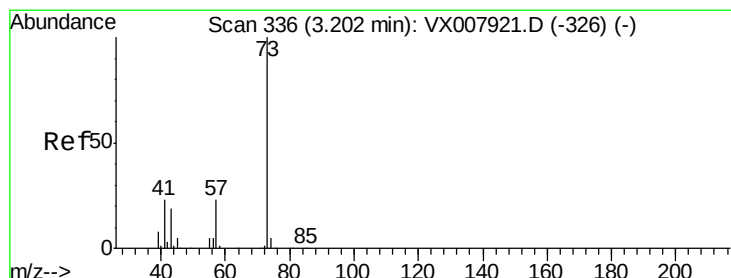
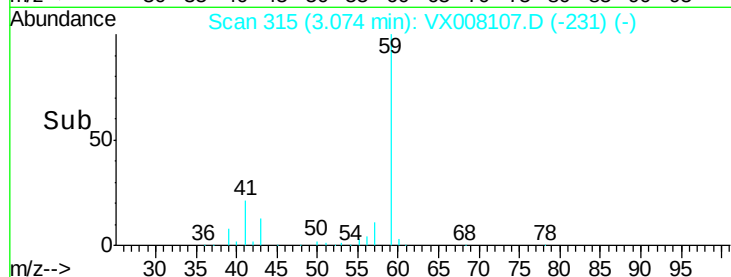
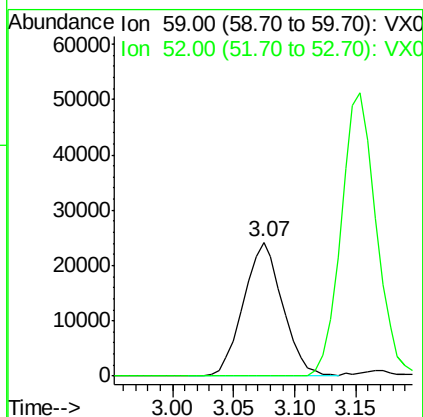
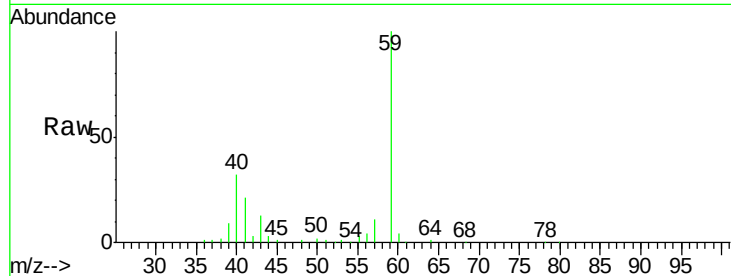


#23

tert-Butyl Alcohol
 Concen: 81.978 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. 0.01 min
 Lab File: VX008107.D
 Acq: 15 Mar 2019 14:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

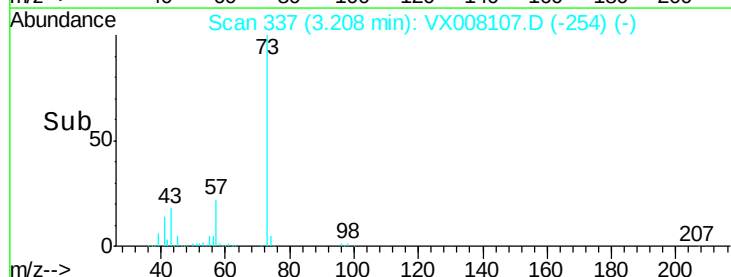
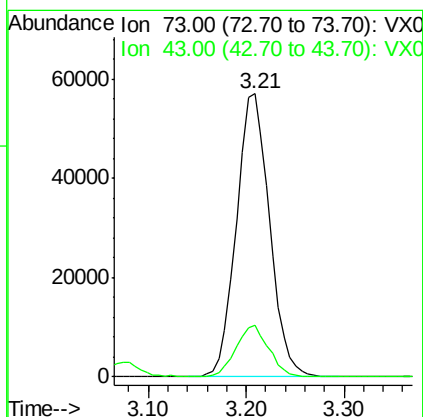
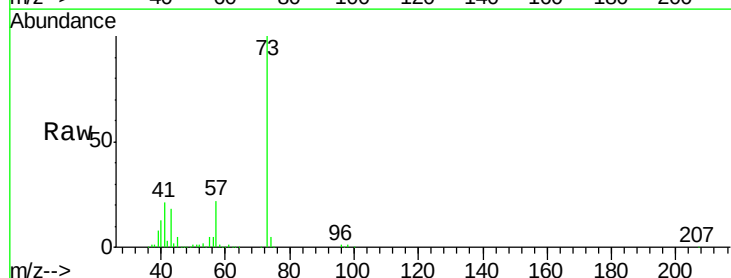
Tot Ion: 59 Resp: 53927
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2

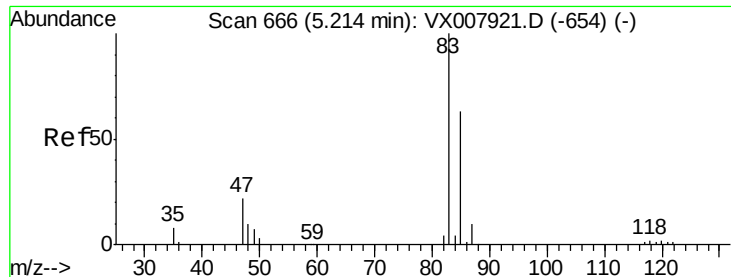


#24

Methyl tert-Butyl Ether
 Concen: 16.121 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX008107.D
 Acq: 15 Mar 2019 14:56

Tgt Ion: 73 Resp: 134620
 Ion Ratio Lower Upper
 73 100
 43 18.2 17.1 25.7

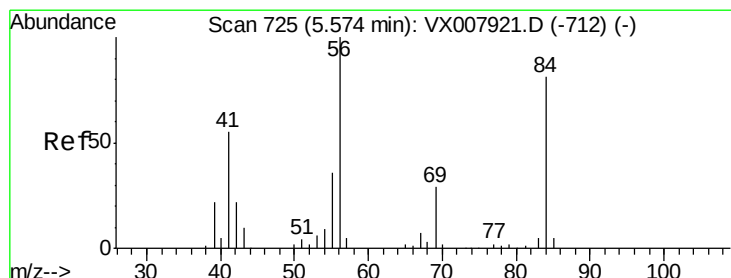
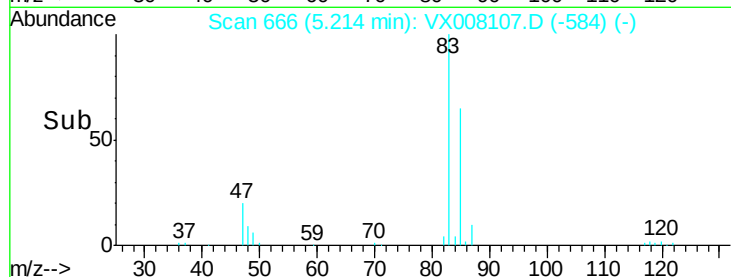
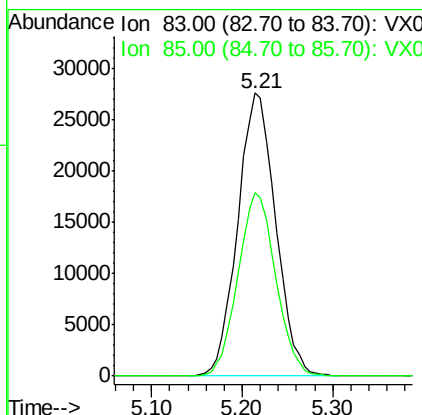
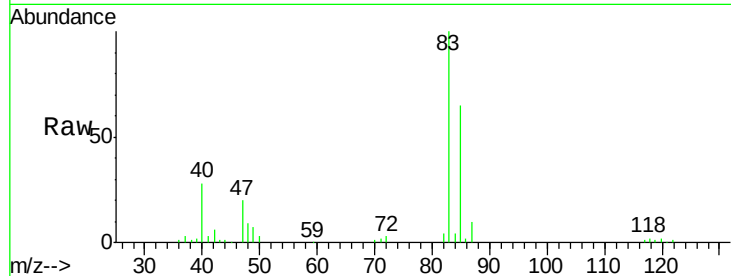




#25
Chloroform
Concen: 17.182 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008107.D
Acq: 15 Mar 2019 14:56

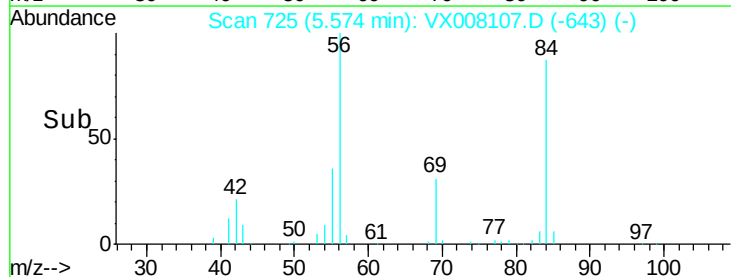
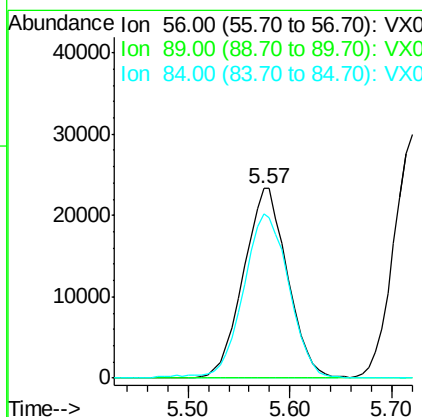
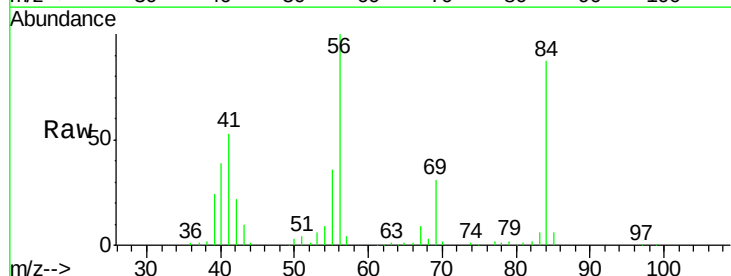
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

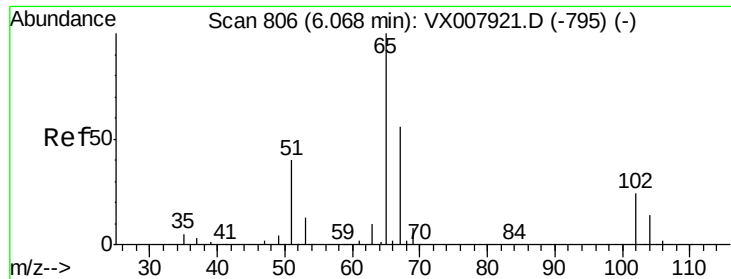
Tot Ion: 83 Resp: 80346
Ion Ratio Lower Upper
83 100
85 65.0 53.8 80.6



#26
Cyclohexane
Concen: 15.264 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX008107.D
Acq: 15 Mar 2019 14:56

Tgt Ion: 56 Resp: 69881
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.3 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 27.877 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

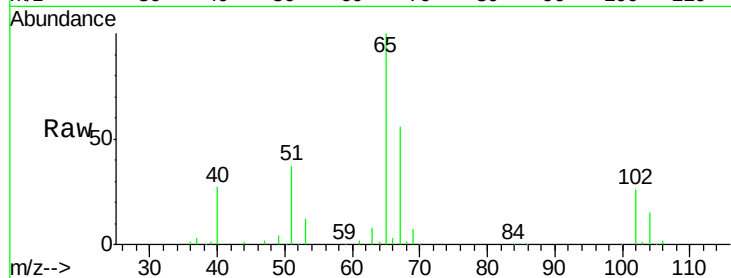
VX0315WBSD01

Tot Ion: 65 Resp: 76693

Ion Ratio Lower Upper

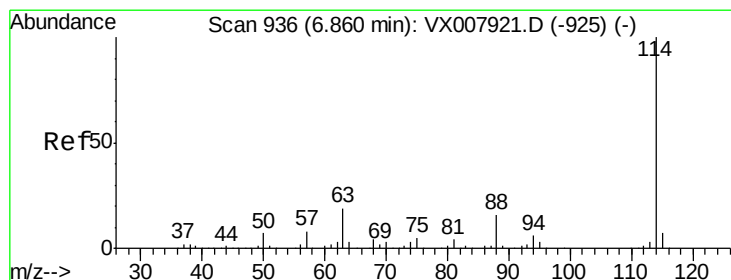
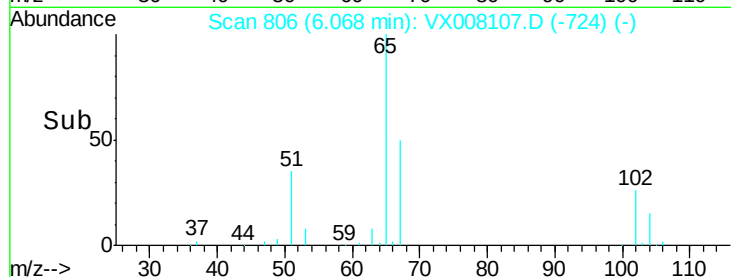
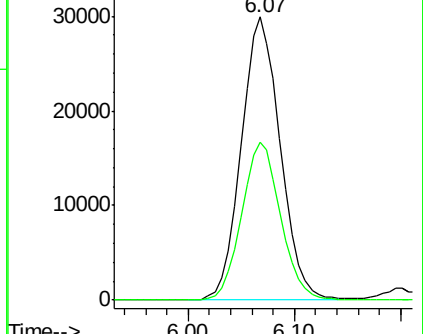
65 100

67 55.6 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: VX008107.D

Acq: 15 Mar 2019 14:56

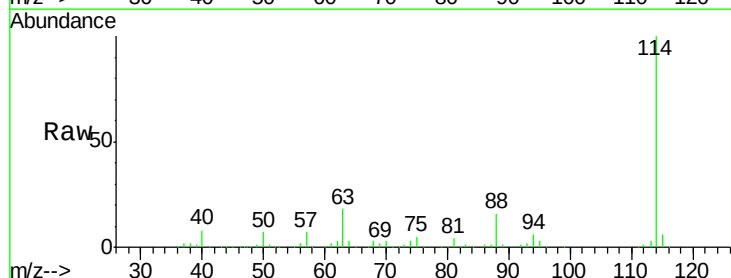
Tgt Ion: 114 Resp: 223681

Ion Ratio Lower Upper

114 100

63 18.3 14.2 21.4

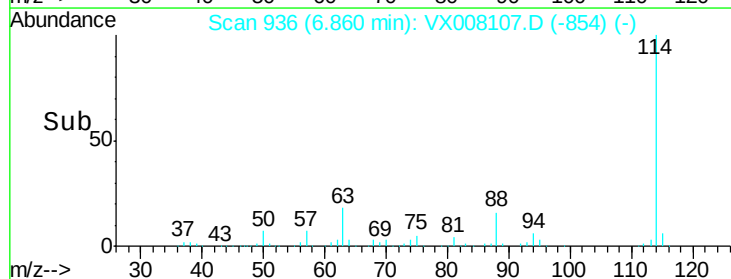
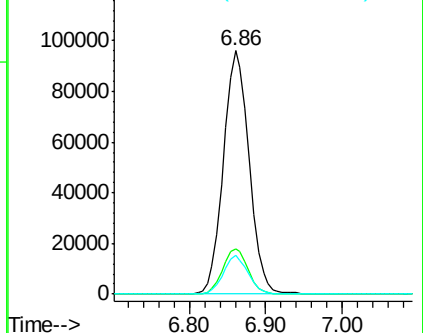
88 15.1 11.9 17.9

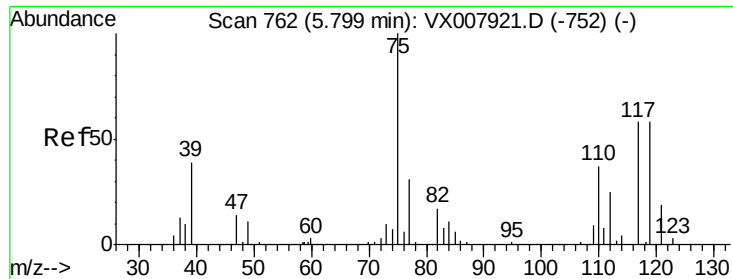


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 16.660 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

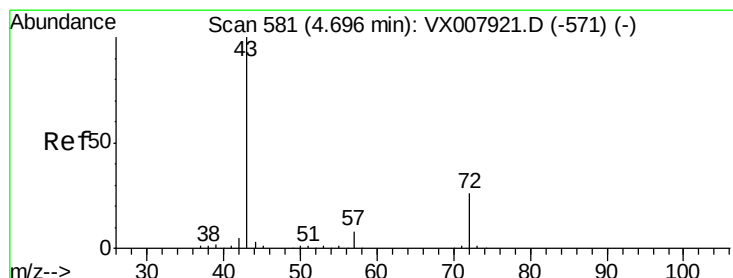
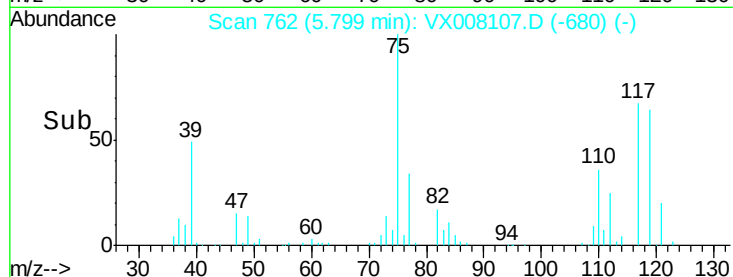
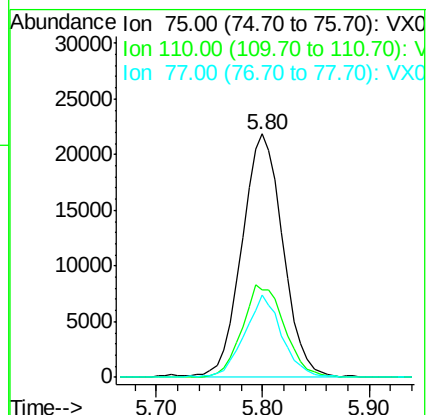
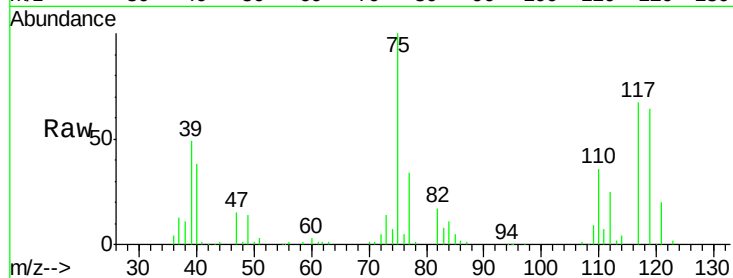
Tot Ion: 75 Resp: 59086

Ion Ratio Lower Upper

75 100

110 38.9 0.0 80.8

77 31.0 0.0 62.4



#30

2-Butanone

Concen: 75.320 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

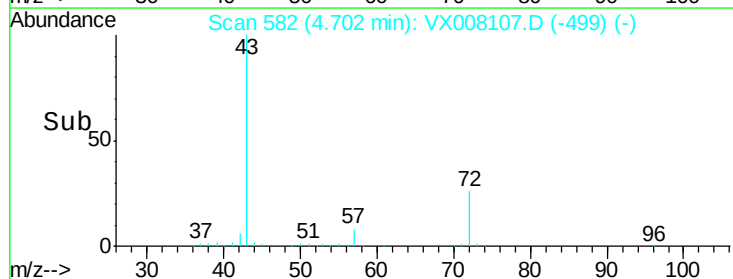
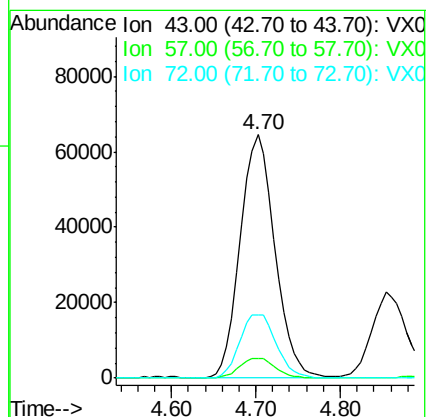
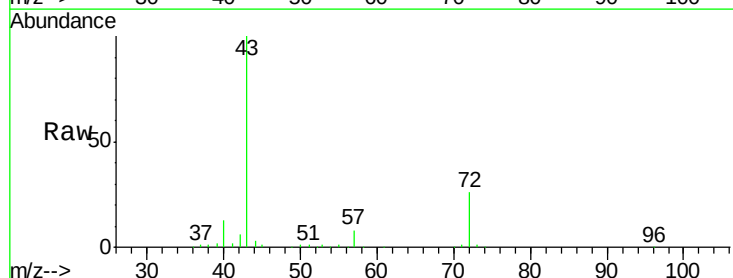
Tgt Ion: 43 Resp: 180171

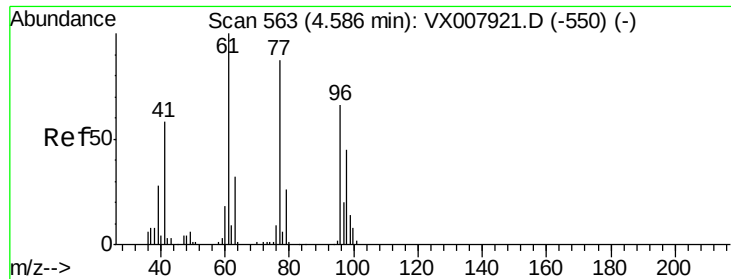
Ion Ratio Lower Upper

43 100

57 8.5 7.0 10.6

72 27.4 21.5 32.3





#31

2,2-Dichloropropane

Concen: 16.954 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

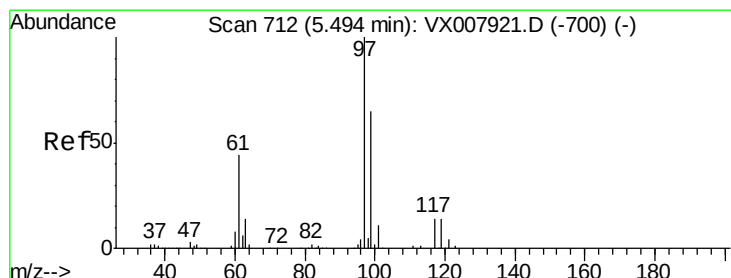
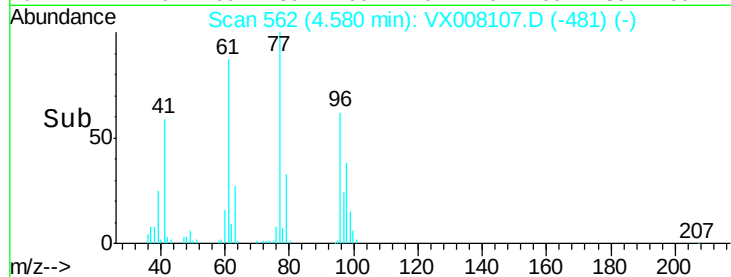
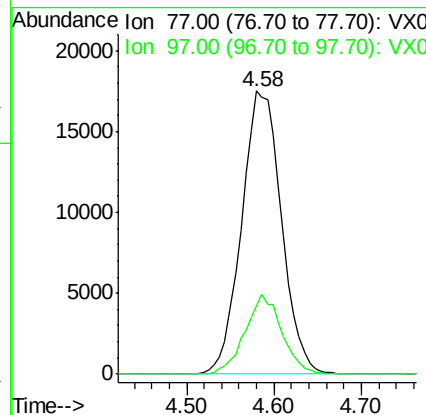
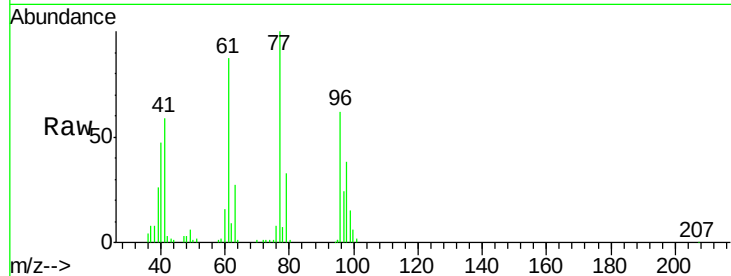
VX0315WBSD01

Tot Ion: 77 Resp: 55540

Ion Ratio Lower Upper

77 100

97 25.8 20.6 31.0



#32

1,1,1-Trichloroethane

Concen: 17.467 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

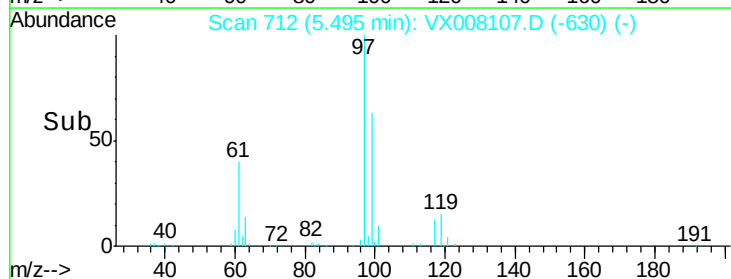
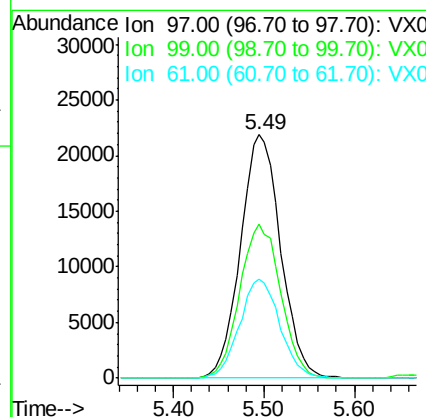
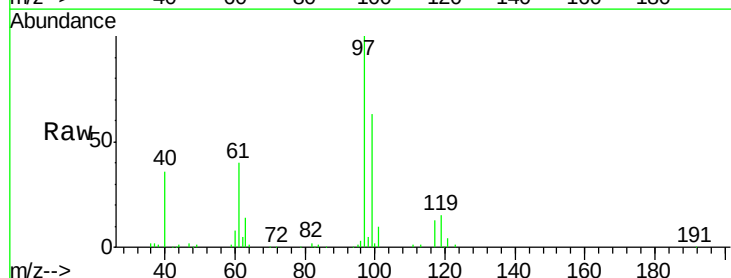
Tgt Ion: 97 Resp: 66990

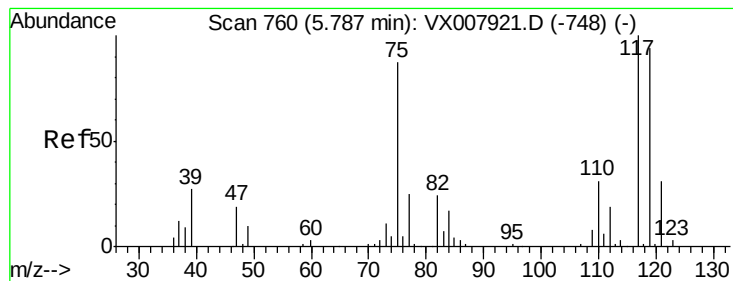
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 40.9 32.8 49.2





#33

Carbon Tetrachloride

Concen: 17.508 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

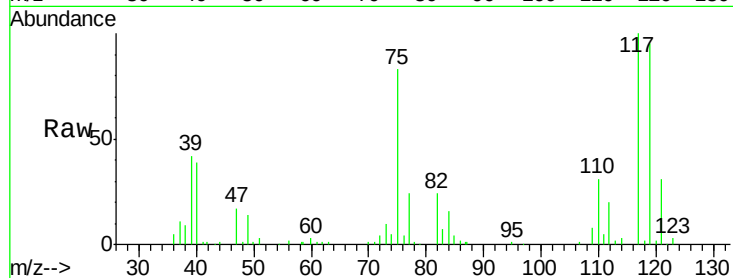
Tot Ion:117 Resp: 59557

Ion Ratio Lower Upper

117 100

119 94.6 78.1 117.1

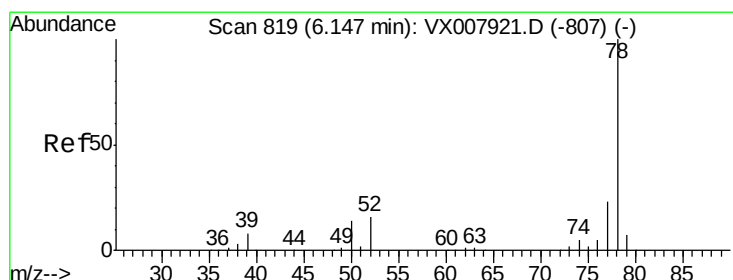
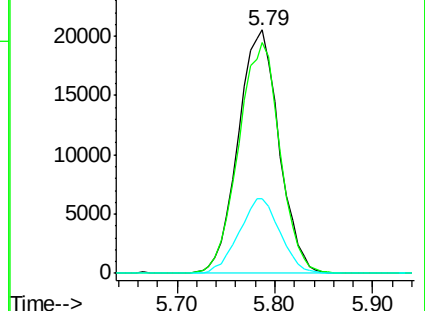
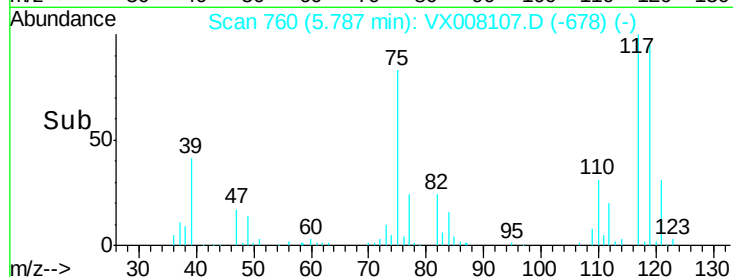
121 30.6 27.0 40.6



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: 16.884 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

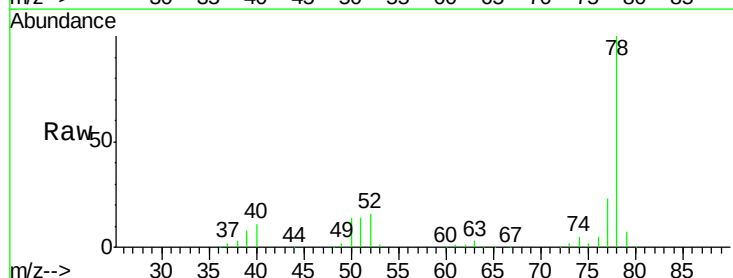
Tgt Ion: 78 Resp: 183515

Ion Ratio Lower Upper

78 100

77 23.1 19.1 28.7

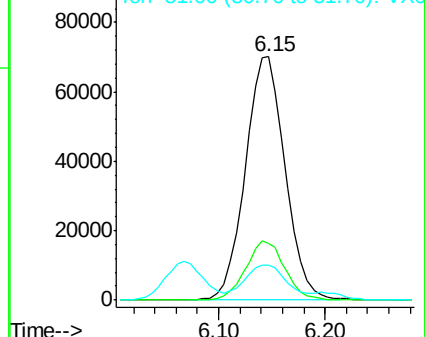
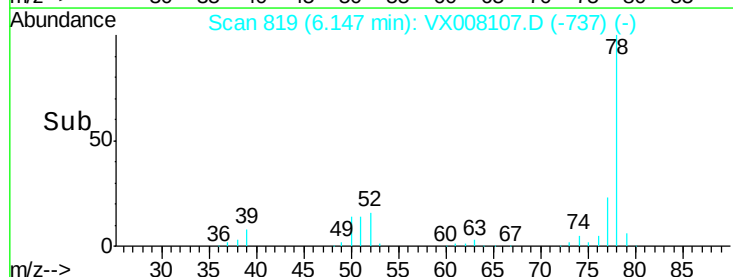
51 12.1 10.8 16.2

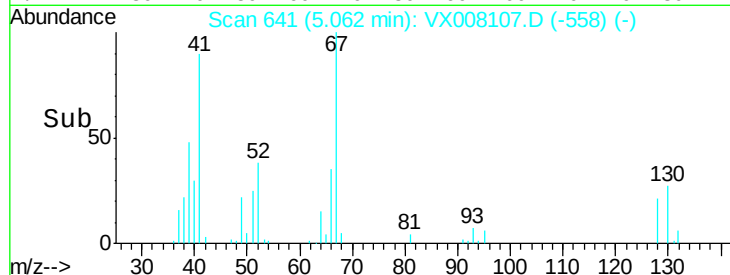
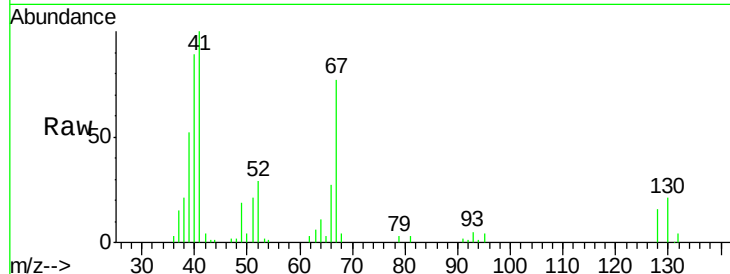
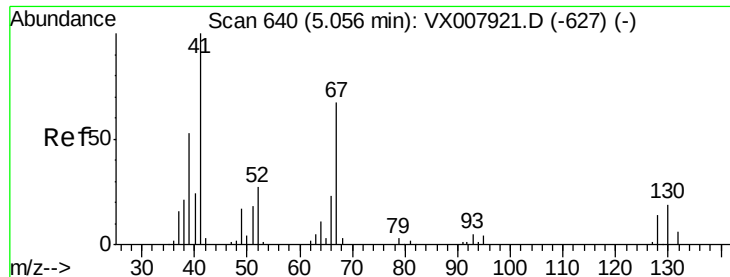


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

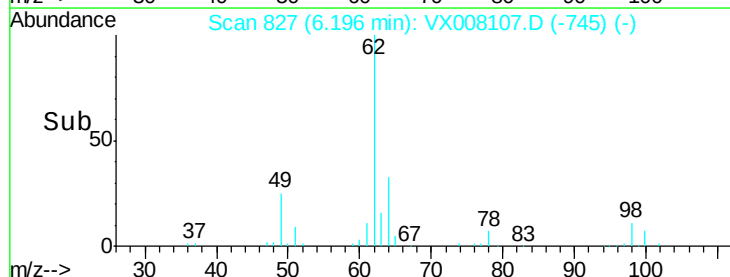
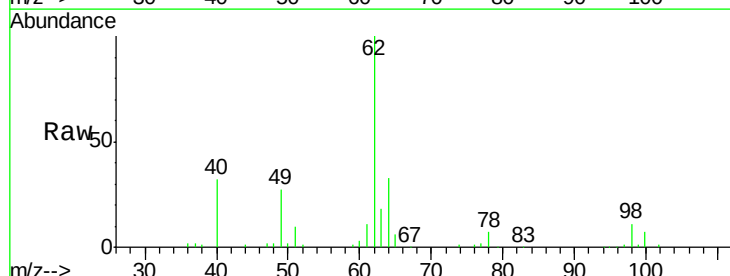
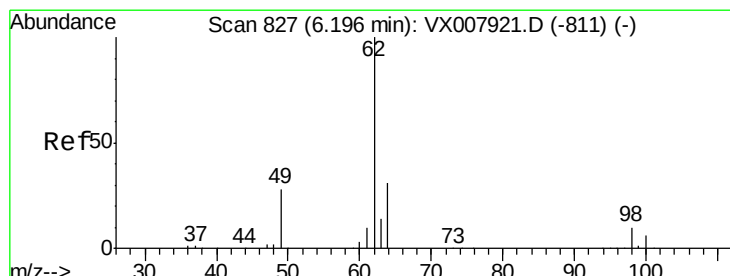
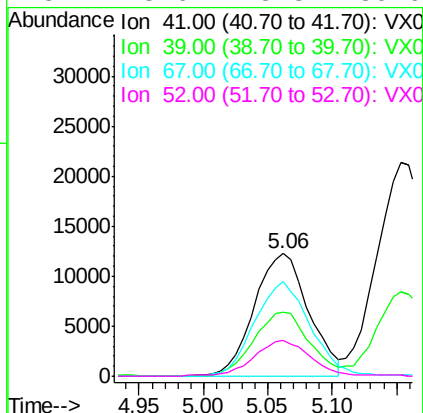




#35
Methacrylonitrile
Concen: 15.462 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX008107.D
Acq: 15 Mar 2019 14:56

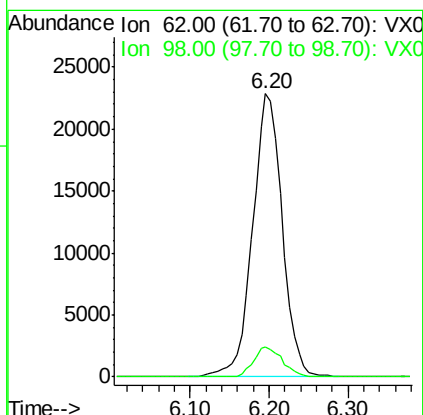
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

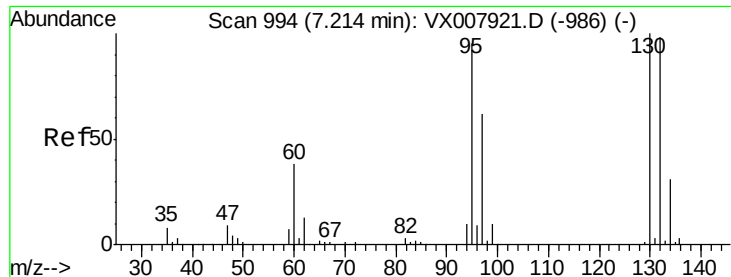
Tot Ion: 41 Resp: 36041
Ion Ratio Lower Upper
41 100
39 51.8 27.4 82.0
67 77.0 37.9 113.6
52 28.6 13.3 39.9



#36
1,2-Dichloroethane
Concen: 16.916 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008107.D
Acq: 15 Mar 2019 14:56

Tgt Ion: 62 Resp: 59818
Ion Ratio Lower Upper
62 100
98 10.2 7.8 11.8

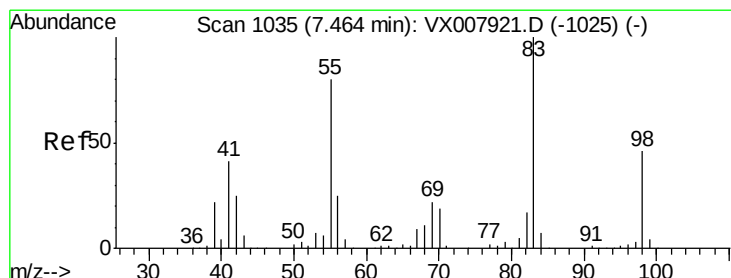
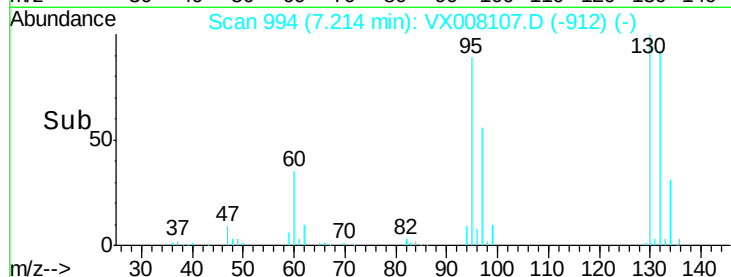
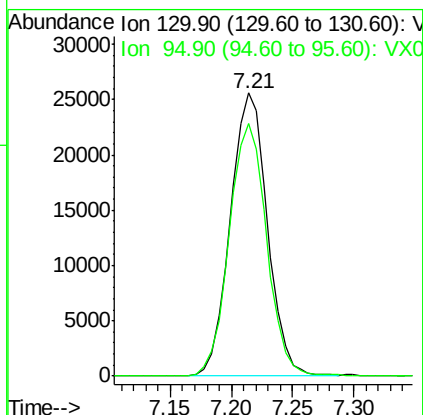
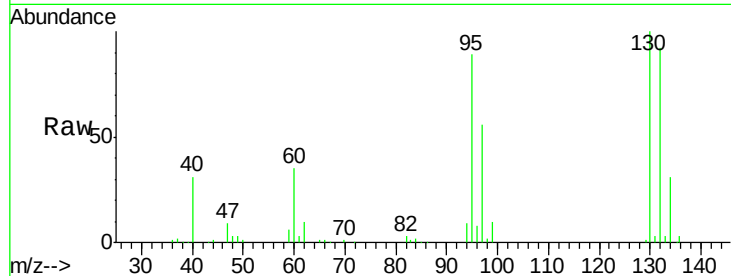




#37
 Trichloroethene
 Concen: 18.260 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008107.D
 Acq: 15 Mar 2019 14:56

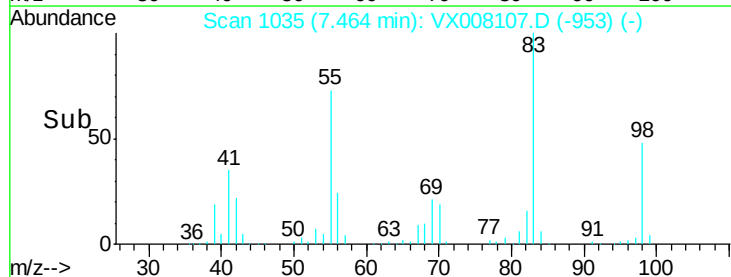
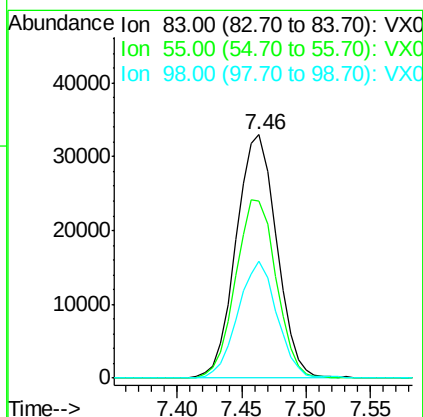
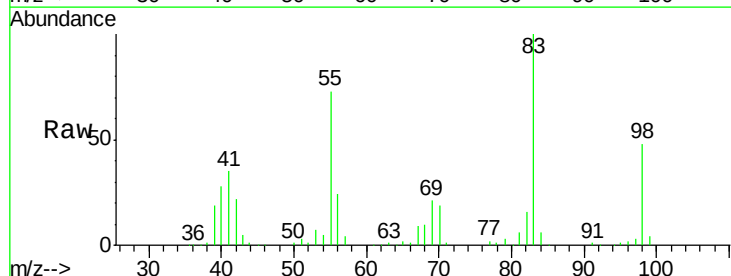
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

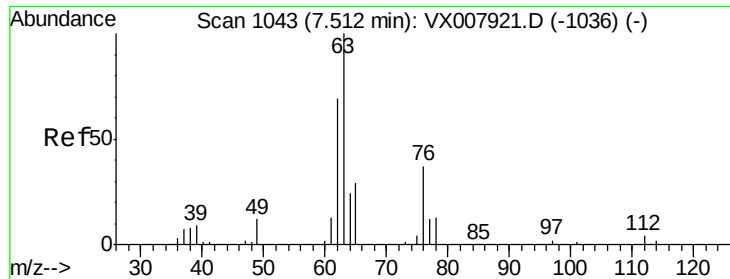
Tot Ion:130 Resp: 53772
 Ion Ratio Lower Upper
 130 100
 95 89.1 71.3 106.9



#38
 Methylcyclohexane
 Concen: 16.001 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: VX008107.D
 Acq: 15 Mar 2019 14:56

Tgt Ion: 83 Resp: 72153
 Ion Ratio Lower Upper
 83 100
 55 73.4 36.0 108.0
 98 46.1 23.8 71.4





#39

1,2-Dichloropropane

Concen: 16.644 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

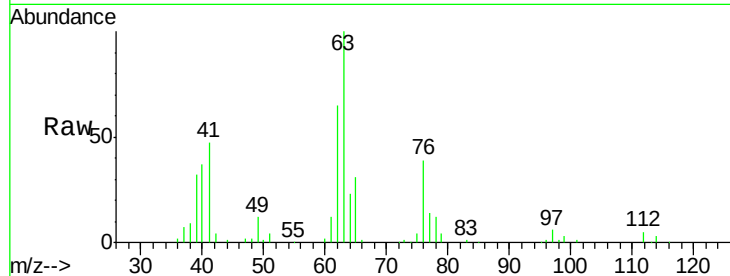
VX0315WBSD01

Tot Ion: 63 Resp: 47177

Ion Ratio Lower Upper

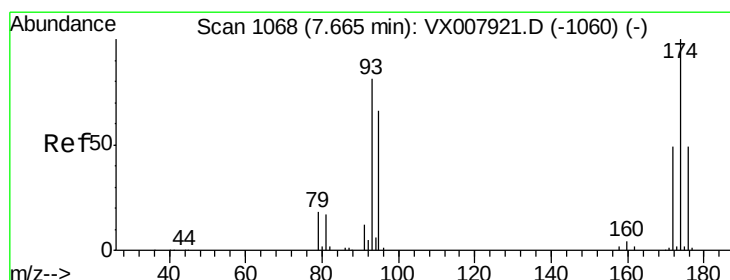
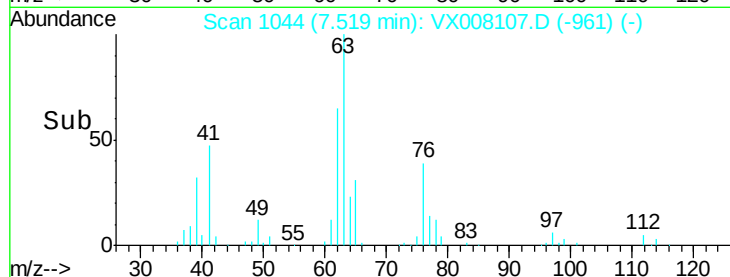
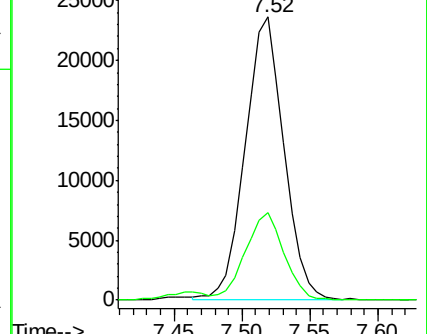
63 100

65 30.6 24.6 37.0



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 17.684 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

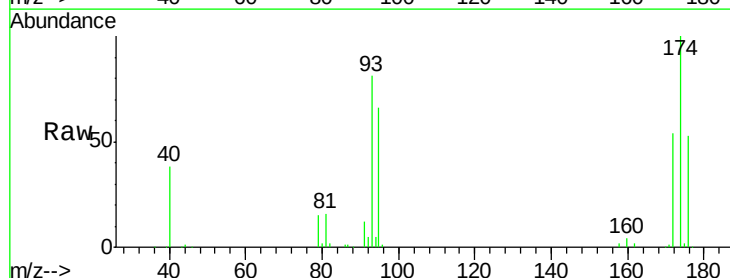
Tgt Ion: 93 Resp: 31795

Ion Ratio Lower Upper

93 100

95 82.6 0.0 158.8

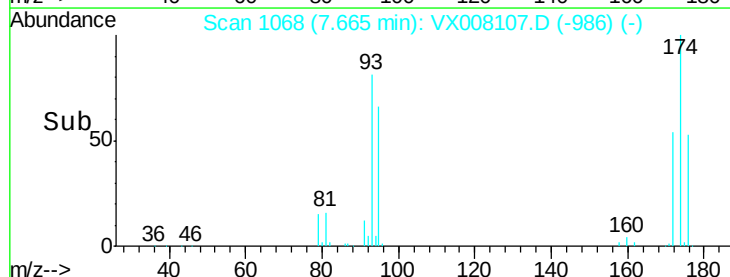
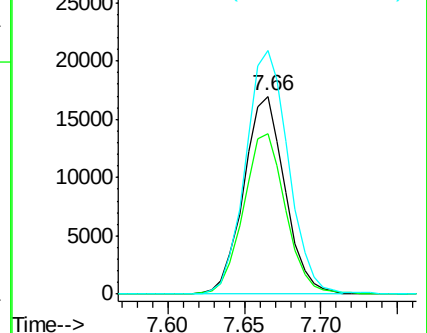
174 127.5 0.0 224.2

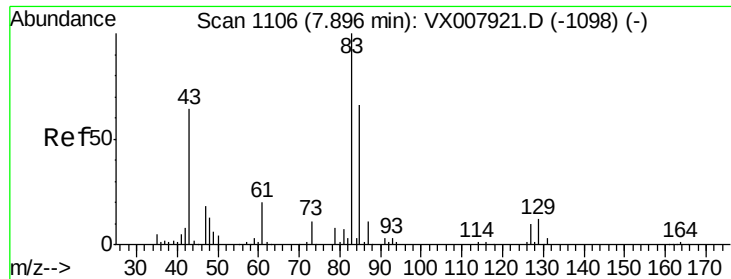


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 16.767 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

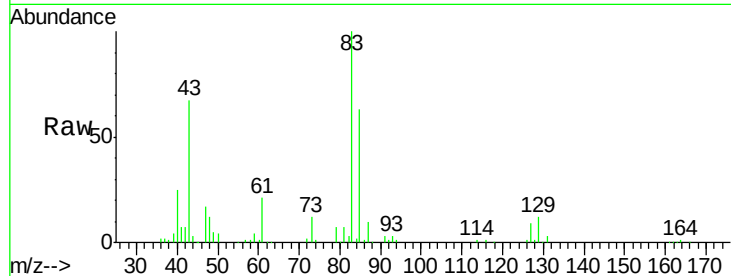
Tot Ion: 83 Resp: 56984

Ion Ratio Lower Upper

83 100

85 63.4 51.1 76.7

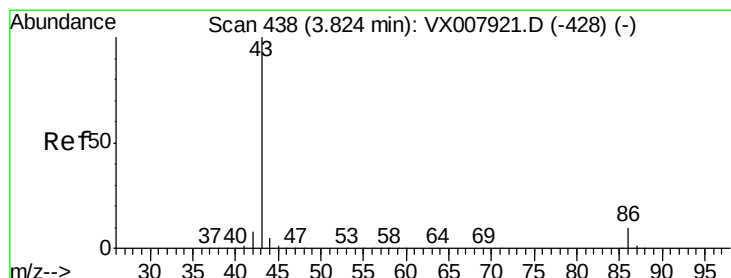
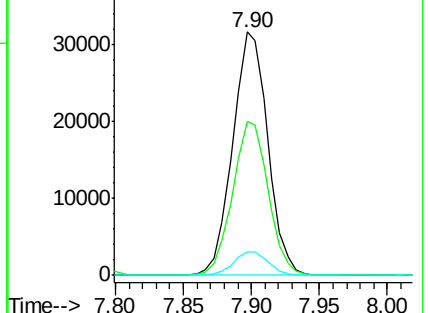
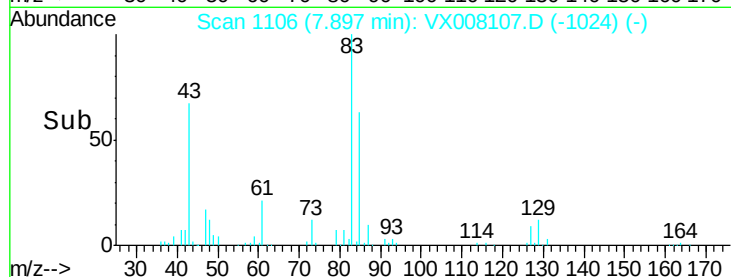
127 9.4 7.2 10.8



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: 77.874 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX008107.D

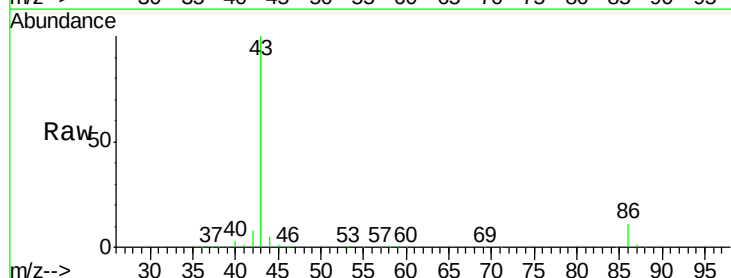
Acq: 15 Mar 2019 14:56

Tgt Ion: 43 Resp: 603000

Ion Ratio Lower Upper

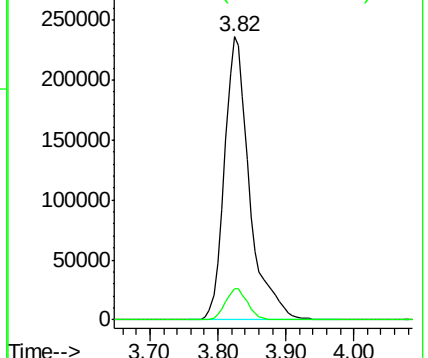
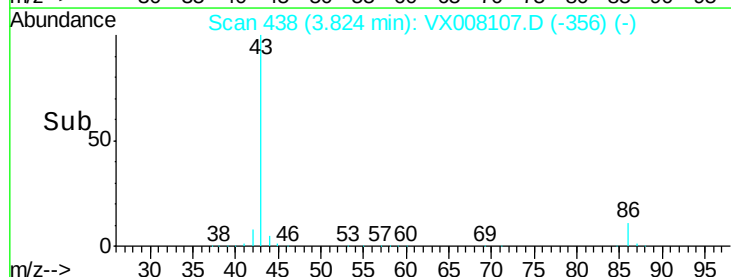
43 100

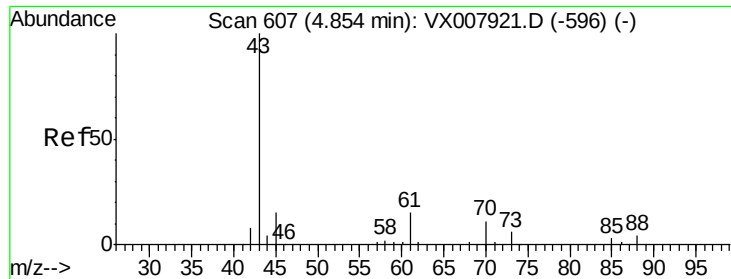
86 10.0 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

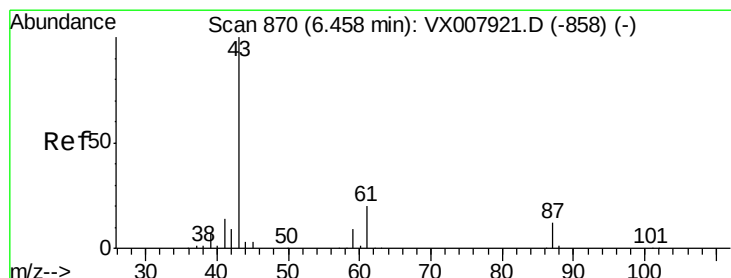
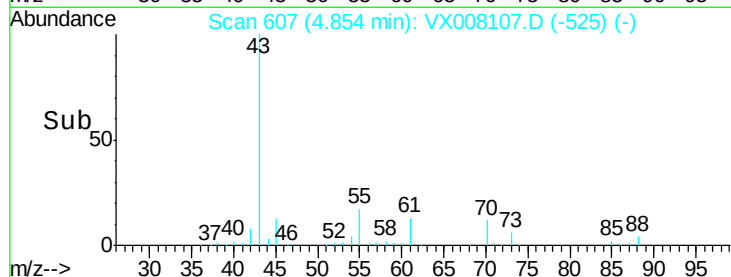
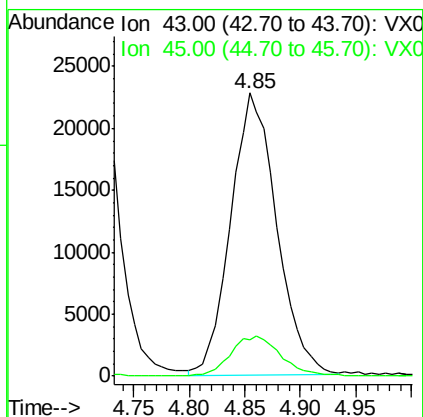
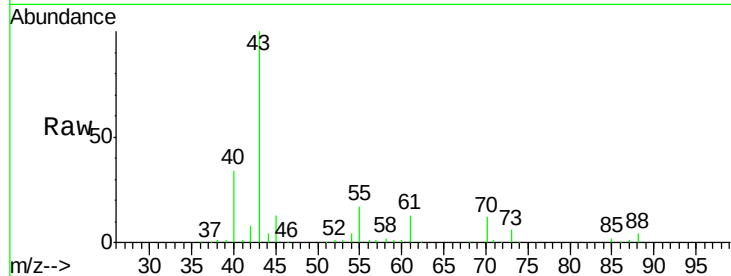




#43
Ethyl Acetate
Concen: 15.674 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX008107.D
Acq: 15 Mar 2019 14:56

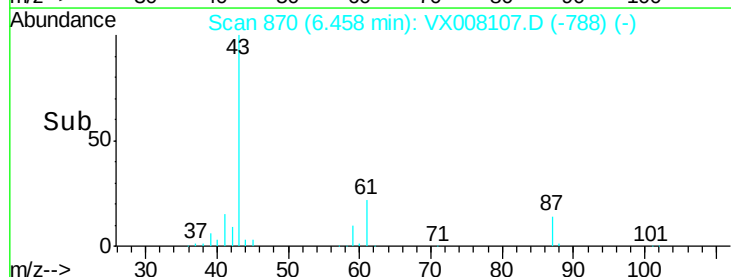
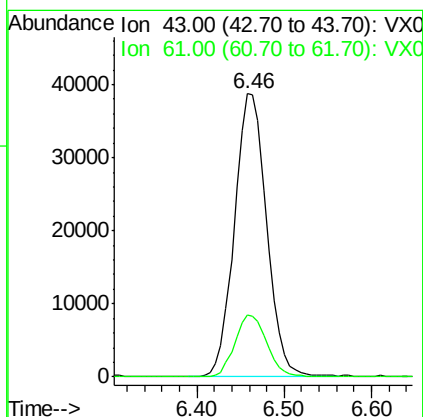
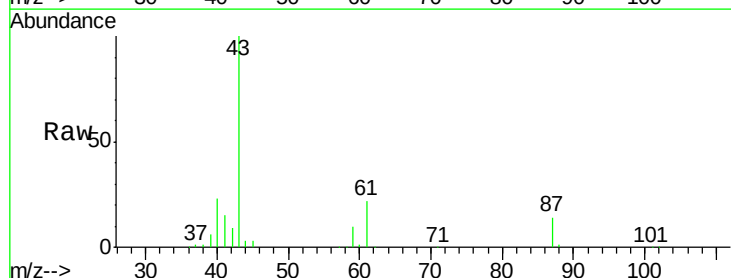
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

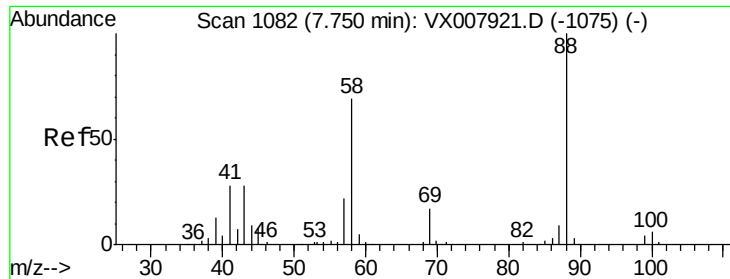
Tot Ion: 43 Resp: 65308
Ion Ratio Lower Upper
43 100
45 15.4 6.9 10.3#



#44
Isopropyl Acetate
Concen: 15.606 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX008107.D
Acq: 15 Mar 2019 14:56

Tgt Ion: 43 Resp: 99214
Ion Ratio Lower Upper
43 100
61 21.6 16.1 24.1

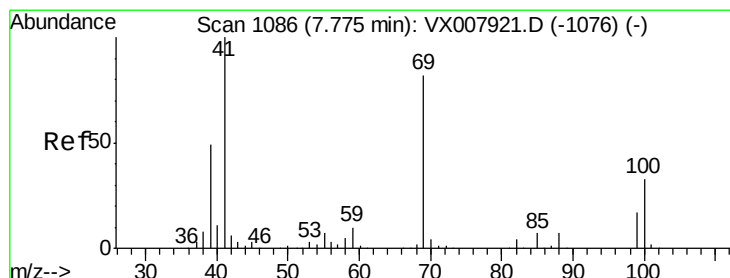
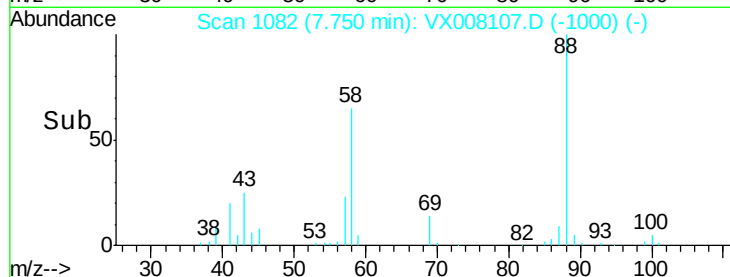
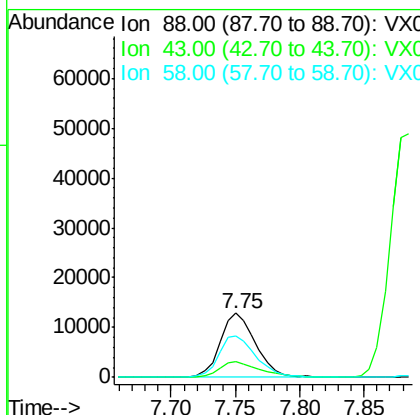
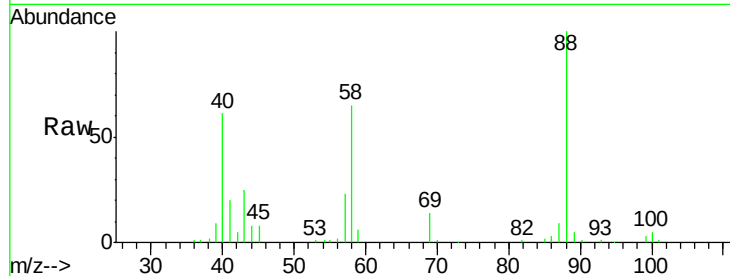




#45
 1,4-Dioxane
 Concen: 370.026 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX008107.D
 Acq: 15 Mar 2019 14:56

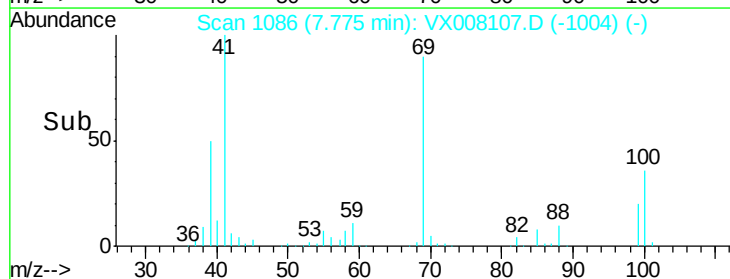
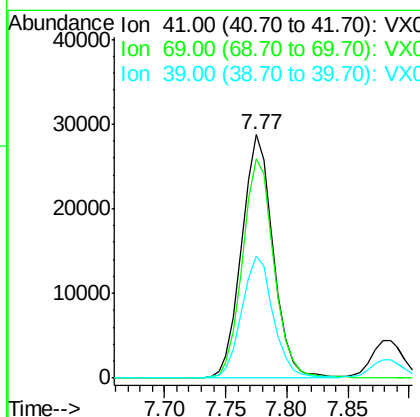
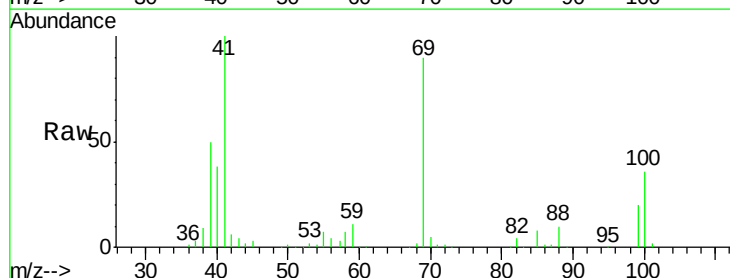
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

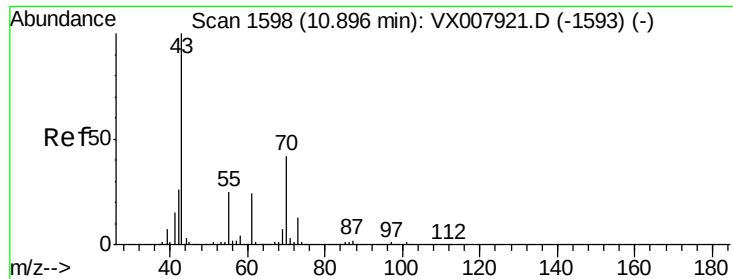
Tot Ion: 88 Resp: 24612
 Ion Ratio Lower Upper
 88 100
 43 28.7 23.6 35.4
 58 68.2 51.6 77.4



#46
 Methyl methacrylate
 Concen: 15.468 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX008107.D
 Acq: 15 Mar 2019 14:56

Tgt Ion: 41 Resp: 51720
 Ion Ratio Lower Upper
 41 100
 69 89.8 44.2 132.6
 39 50.2 29.9 89.8





#47

n-amvl Acetate

Concen: 14.895 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

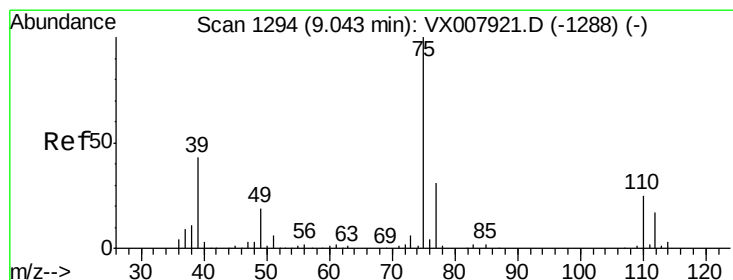
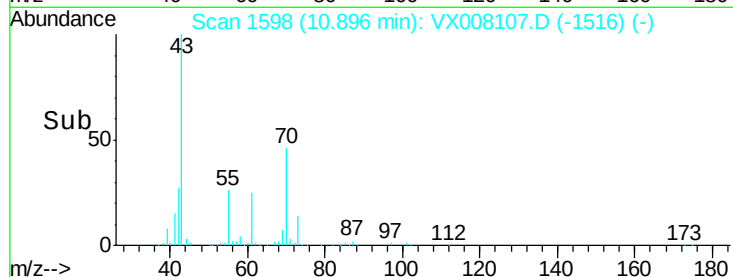
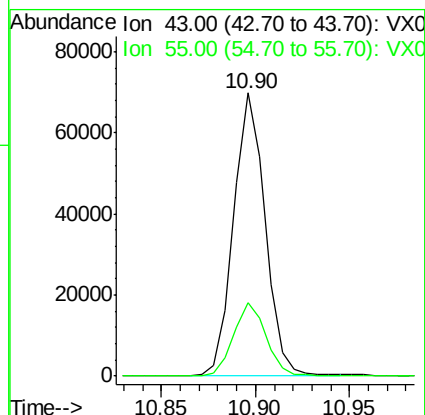
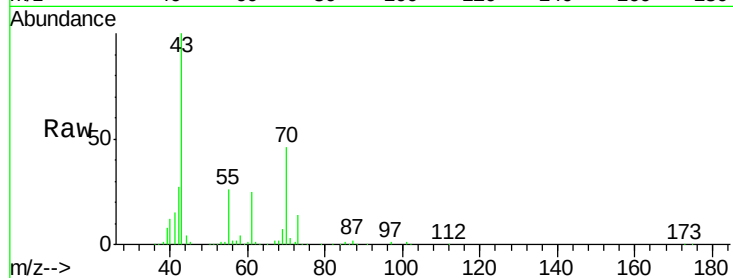
VX0315WBSD01

Tot Ion: 43 Resp: 81593

Ion Ratio Lower Upper

43 100

55 26.7 20.8 31.2



#48

t-1,3-Dichloropropene

Concen: 16.051 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008107.D

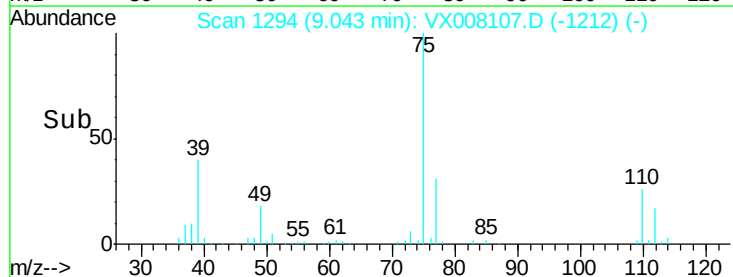
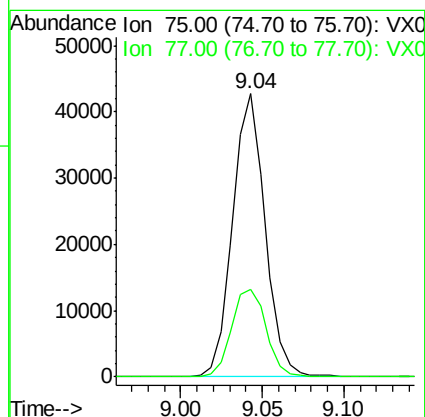
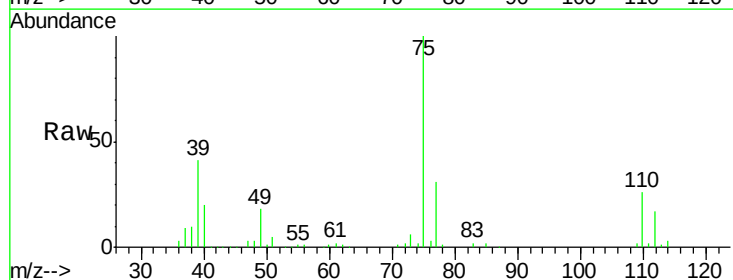
Acq: 15 Mar 2019 14:56

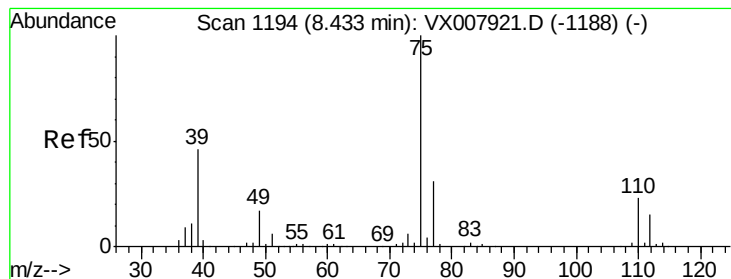
Tgt Ion: 75 Resp: 59078

Ion Ratio Lower Upper

75 100

77 31.0 24.5 36.7



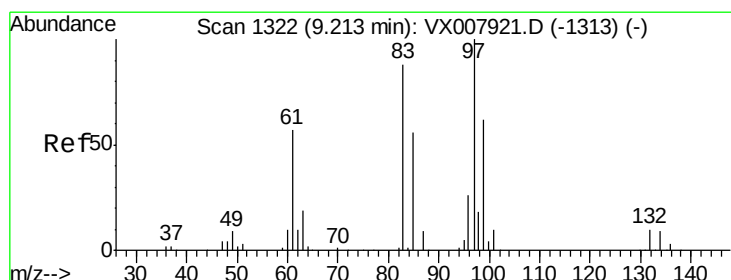
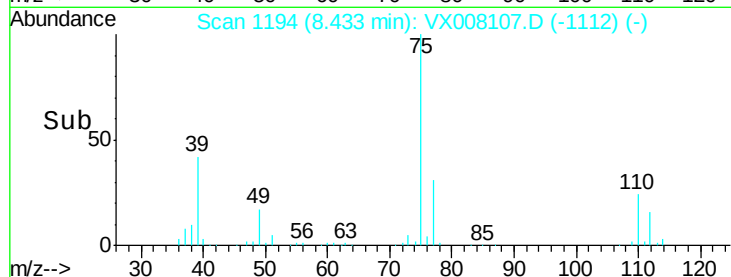
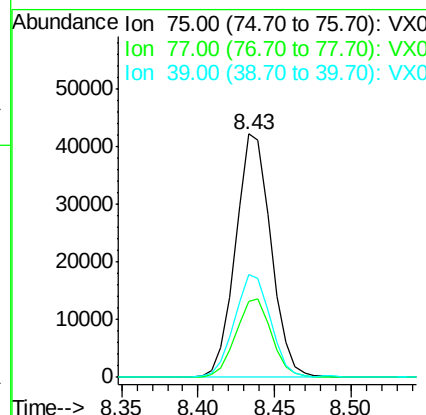
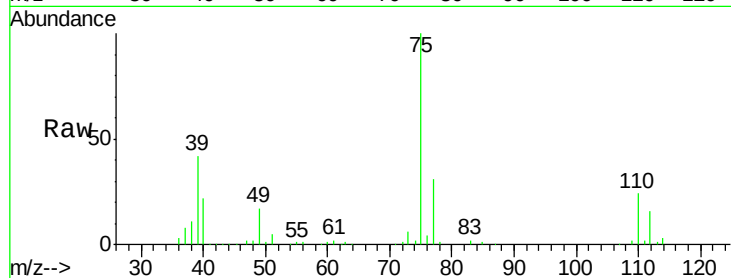


#49

cis-1,3-Dichloropropene
 Concen: 16.291 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008107.D
 Acq: 15 Mar 2019 14:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

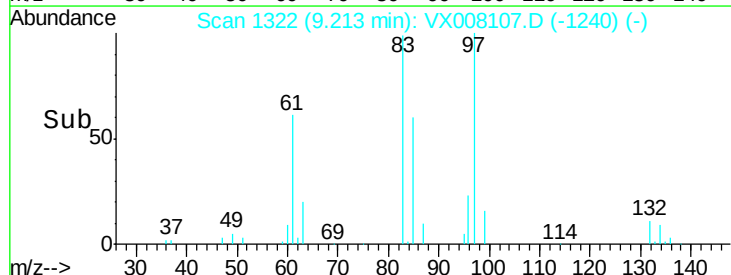
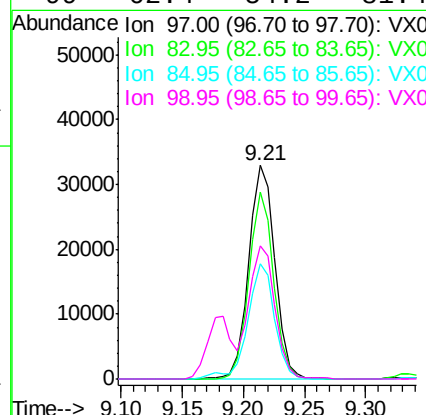
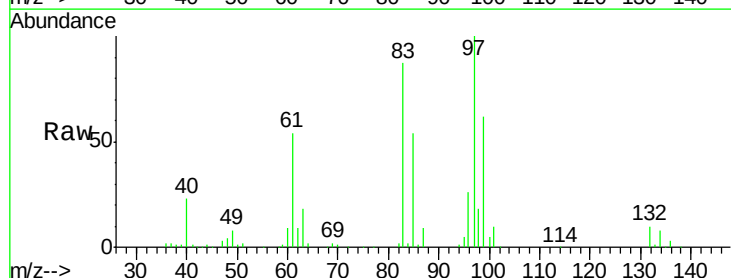
Tot Ion	75	Resp	67896
Ion Ratio	Lower	Upper	
75	100		
77	31.3	25.0	37.4
39	42.1	38.5	57.7

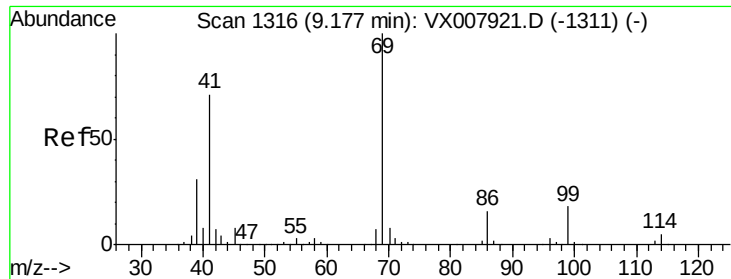


#50

1,1,2-Trichloroethane
 Concen: 17.885 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008107.D
 Acq: 15 Mar 2019 14:56

Tgt Ion	97	Resp	49017
Ion Ratio	Lower	Upper	
97	100		
83	87.5	72.0	108.0
85	53.9	45.0	67.6
99	62.4	54.2	81.4





#51

Ethyl methacrylate

Concen: 16.674 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

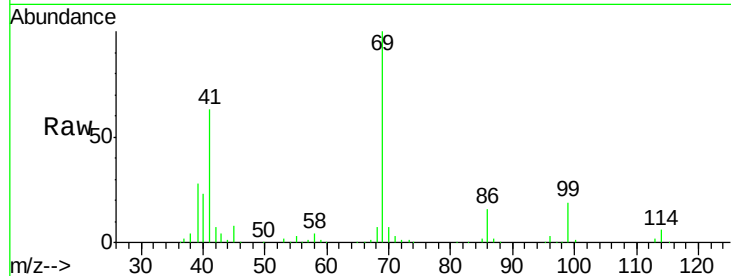
Tot Ion: 69 Resp: 69301

Ion Ratio Lower Upper

69 100

41 62.7 32.1 96.5

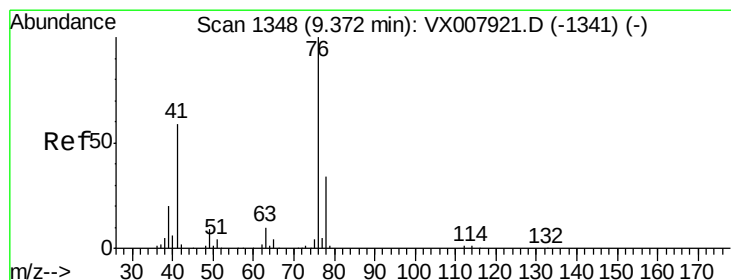
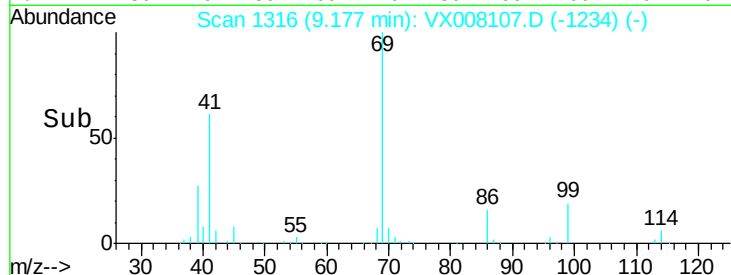
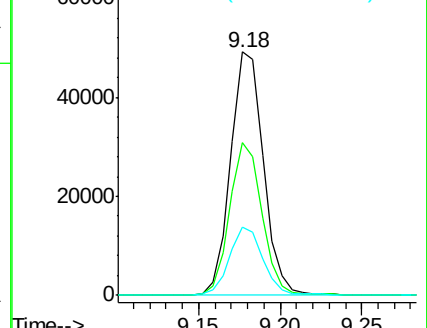
39 27.9 18.8 56.3



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: 17.181 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008107.D

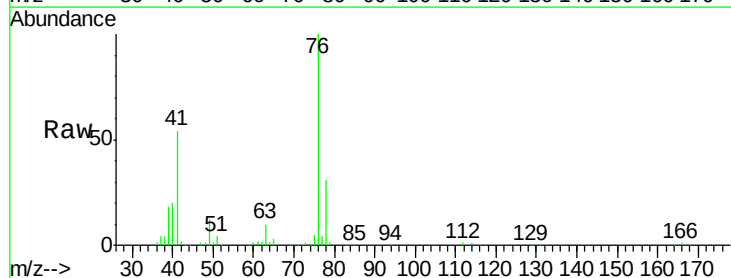
Acq: 15 Mar 2019 14:56

Tgt Ion: 76 Resp: 77802

Ion Ratio Lower Upper

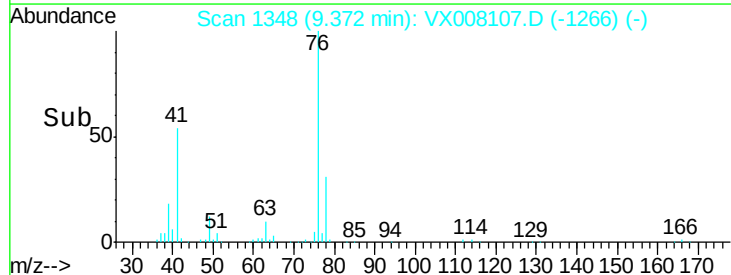
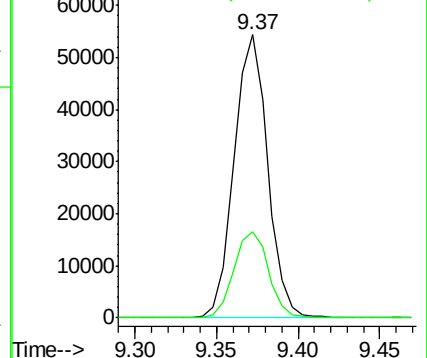
76 100

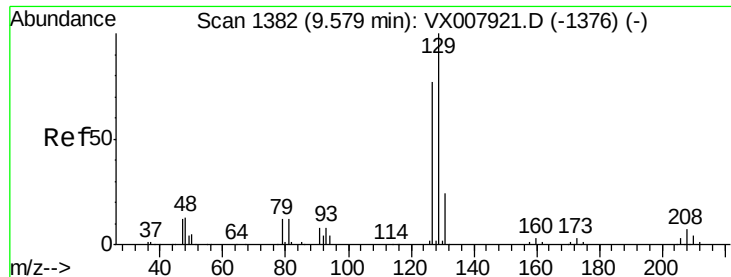
78 31.7 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 17.301 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

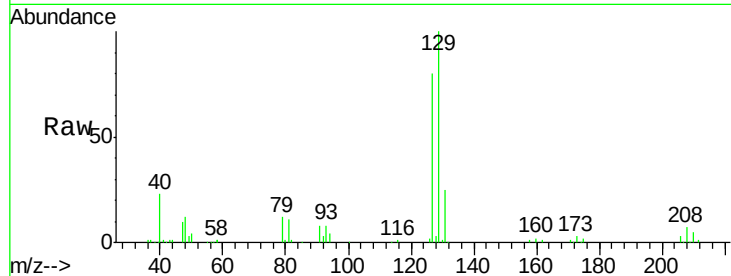
VX0315WBSD01

Tot Ion:129 Resp: 48772

Ion Ratio Lower Upper

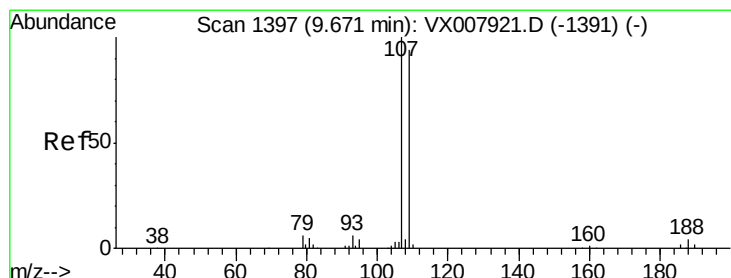
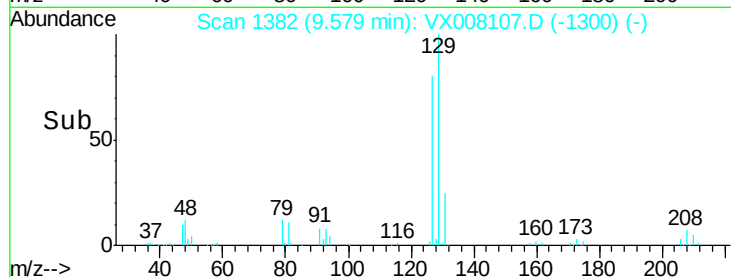
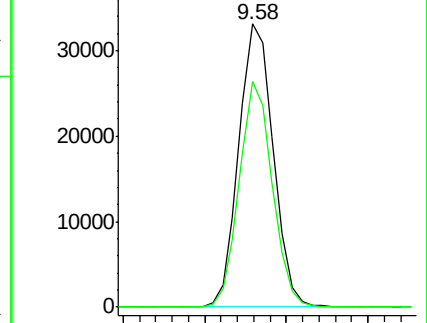
129 100

127 76.3 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 17.739 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008107.D

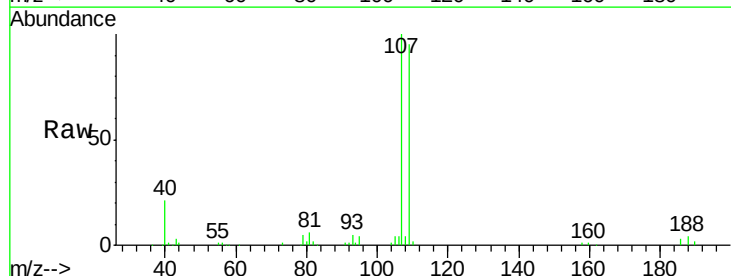
Acq: 15 Mar 2019 14:56

Tgt Ion:107 Resp: 50824

Ion Ratio Lower Upper

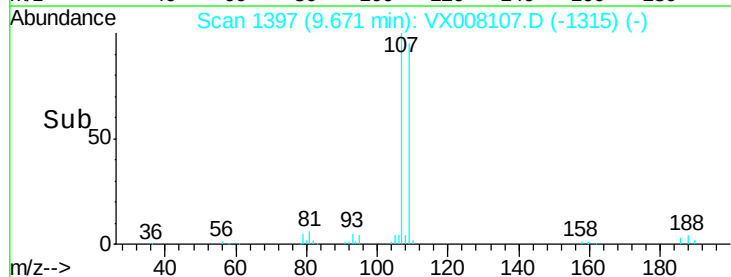
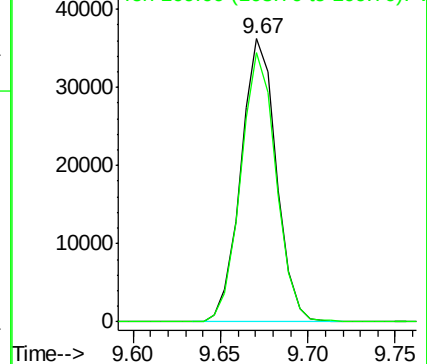
107 100

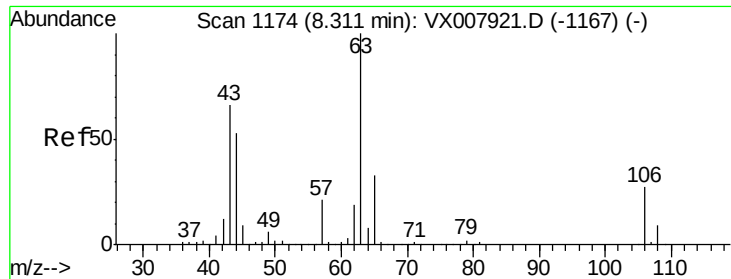
109 95.2 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 92.714 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

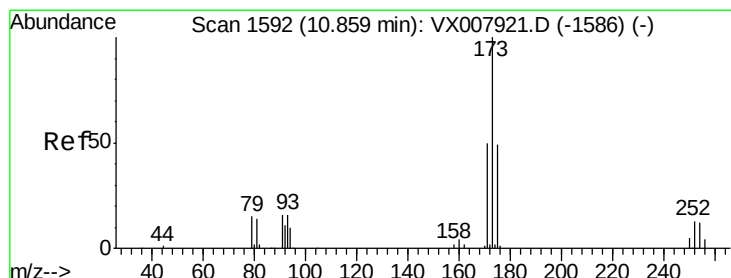
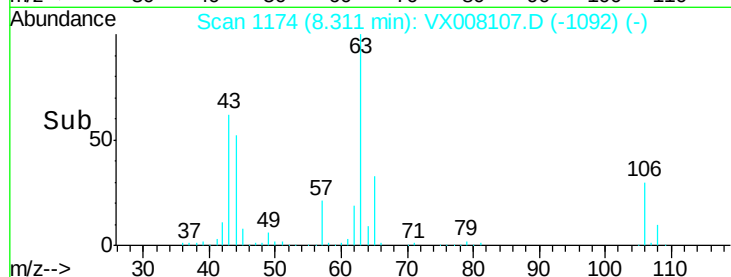
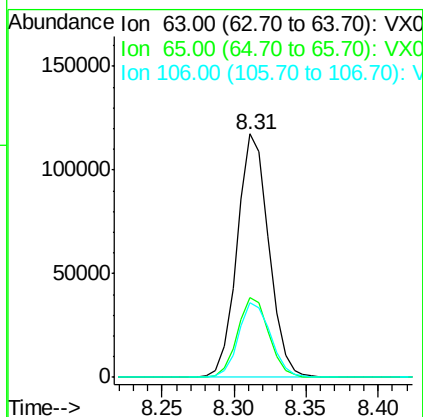
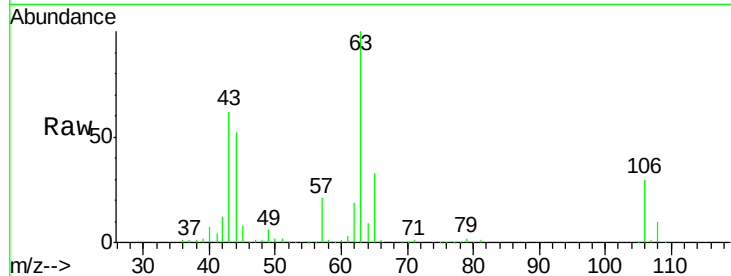
Tot Ion: 63 Resp: 179225

Ion	Ratio	Lower	Upper
63	100		
65	32.7	25.7	38.5
106	31.1	23.7	35.5

63 100

65 32.7 25.7 38.5

106 31.1 23.7 35.5



#56

Bromoform

Concen: 17.381 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

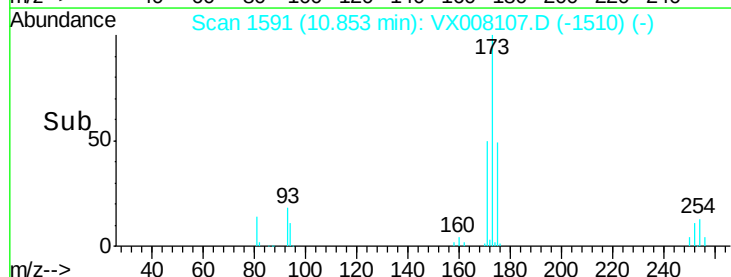
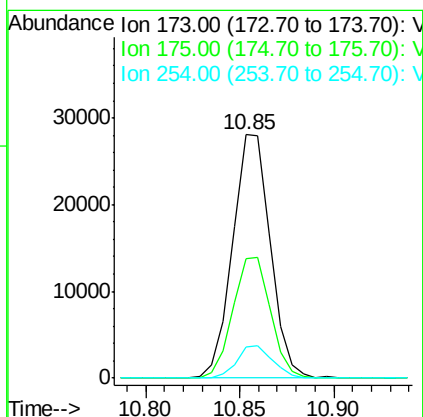
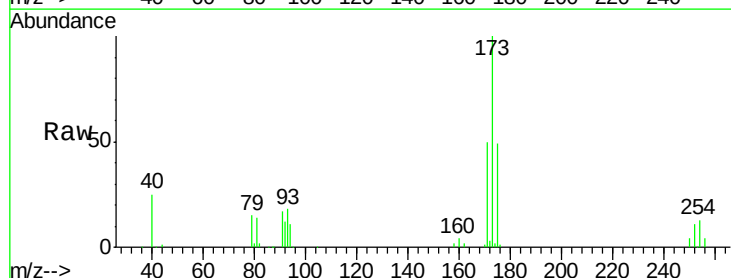
Tgt Ion: 173 Resp: 39083

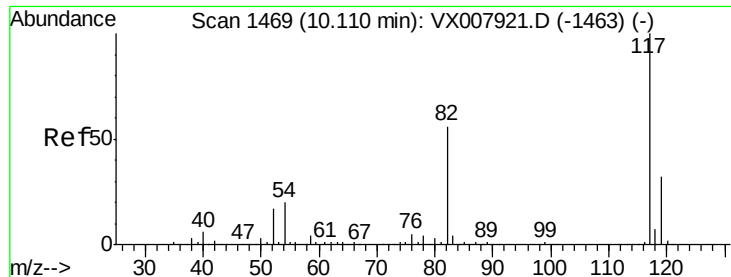
Ion	Ratio	Lower	Upper
173	100		
175	49.4	38.5	57.7
254	12.5	7.4	11.2#

173 100

175 49.4 38.5 57.7

254 12.5 7.4 11.2#

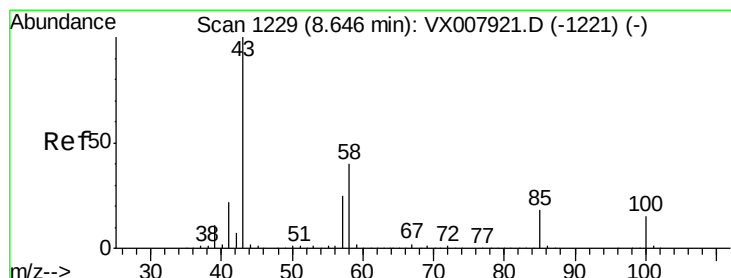
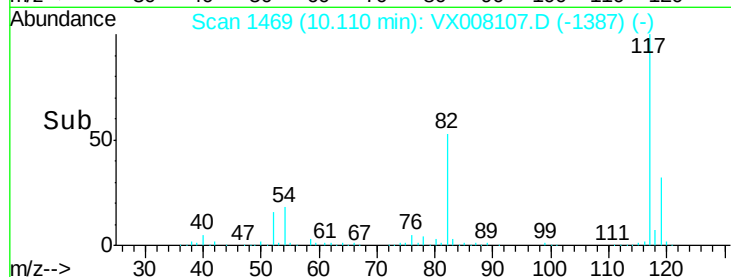
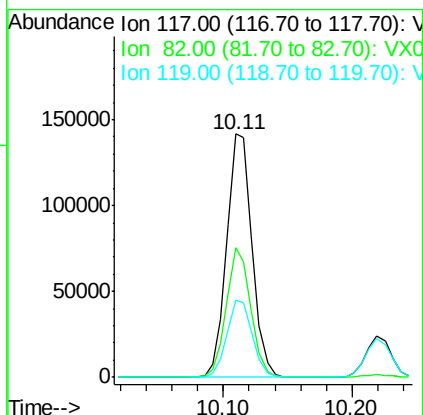
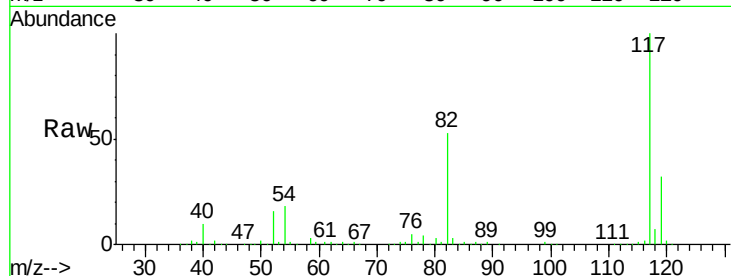




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008107.D
Acq: 15 Mar 2019 14:56

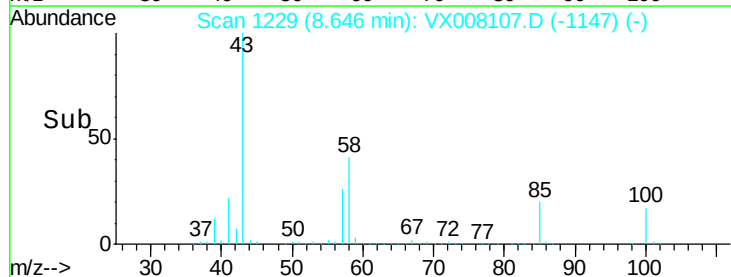
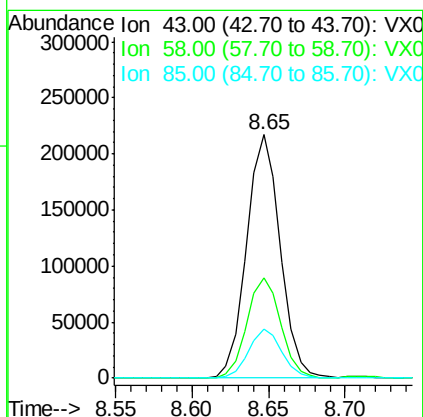
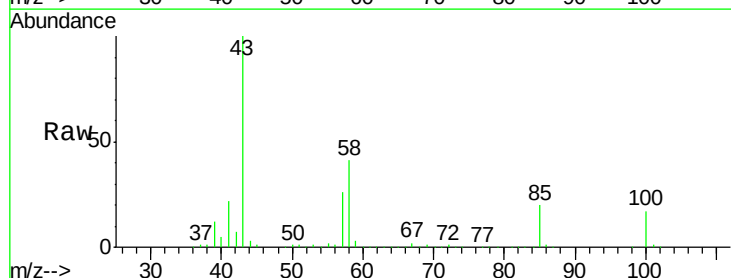
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

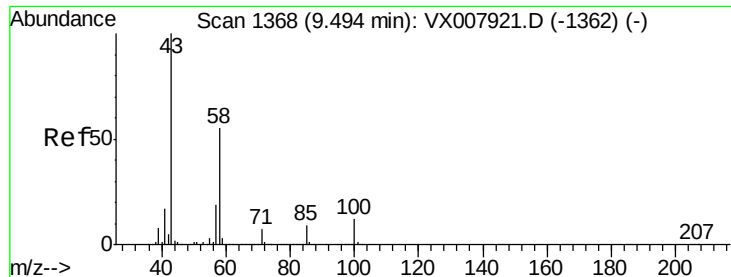
Tot Ion:117 Resp: 196761
Ion Ratio Lower Upper
117 100
82 51.0 40.4 60.6
119 31.9 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 81.810 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX008107.D
Acq: 15 Mar 2019 14:56

Tgt Ion: 43 Resp: 331412
Ion Ratio Lower Upper
43 100
58 41.4 31.4 47.0
85 20.1 15.0 22.6

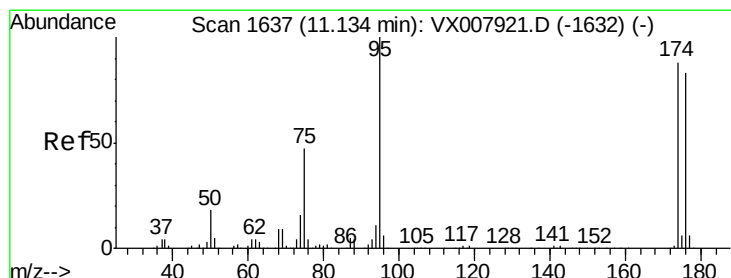
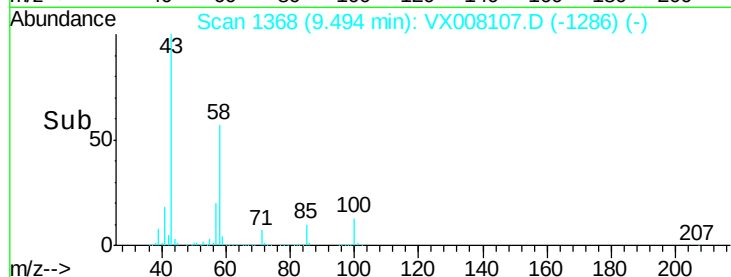
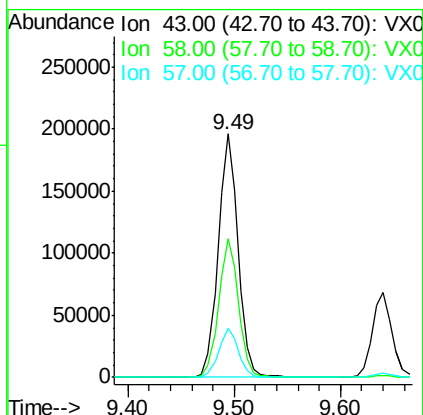
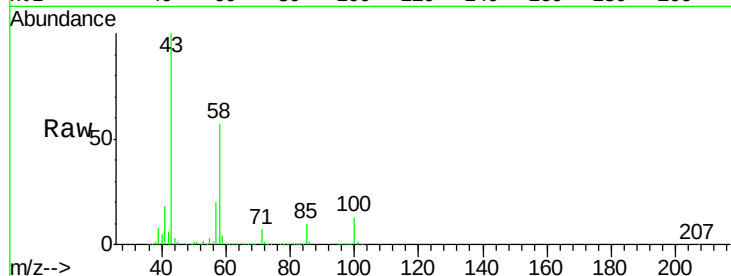




#59
2-Hexanone
Concen: 79.091 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008107.D
Acq: 15 Mar 2019 14:56

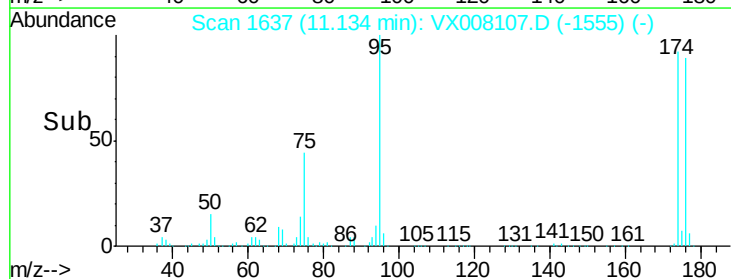
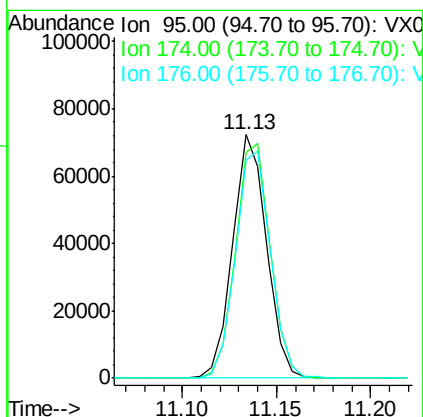
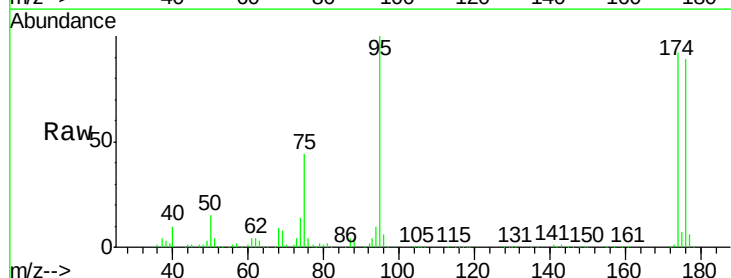
Instrument :
MSVOA_X
ClientSampled :
VX0315WBSD01

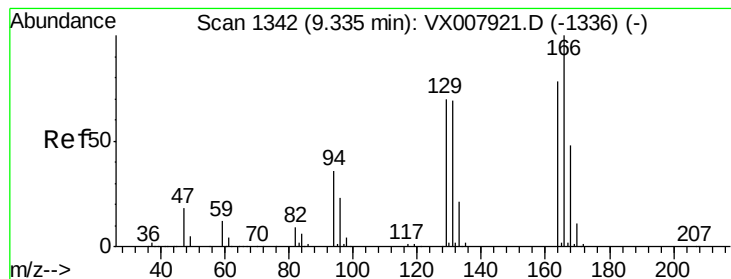
Tot Ion: 43 Resp: 252916
Ion Ratio Lower Upper
43 100
58 57.1 43.9 65.9
57 20.2 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 28.771 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008107.D
Acq: 15 Mar 2019 14:56

Tgt Ion: 95 Resp: 90357
Ion Ratio Lower Upper
95 100
174 98.6 74.9 112.3
176 96.1 70.7 106.1





#61

Tetrachloroethene

Concen: 19.134 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

Tot Ion:164 Resp: 54920

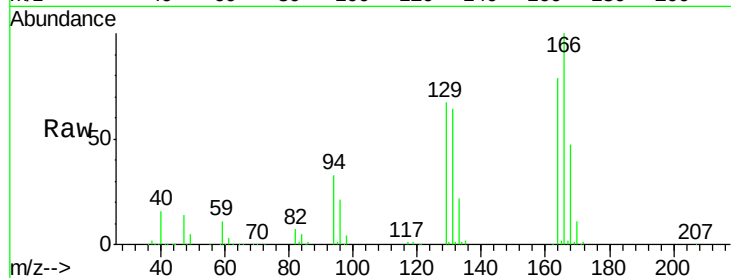
Ion Ratio Lower Upper

164 100

166 126.7 103.9 155.9

129 84.7 74.7 112.1

131 81.1 71.7 107.5

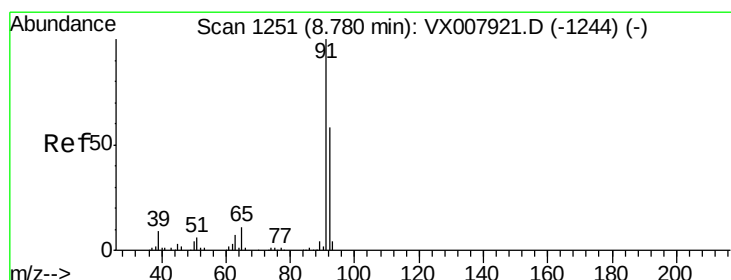
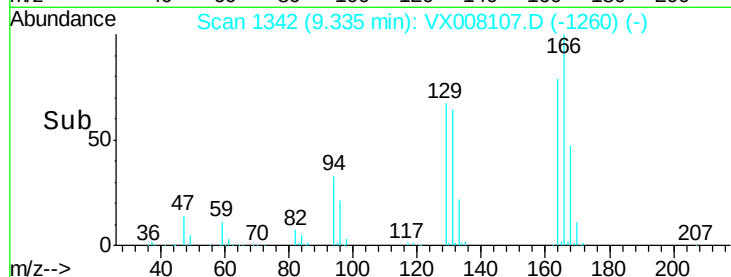
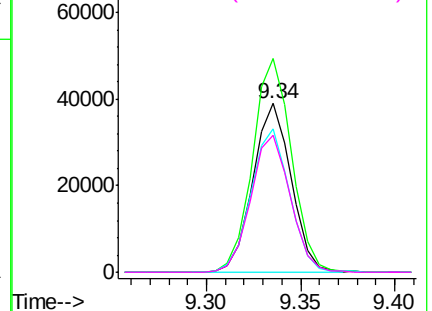


Abundance Ion 163.85 (163.55 to 164.55): V

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: 17.188 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX008107.D

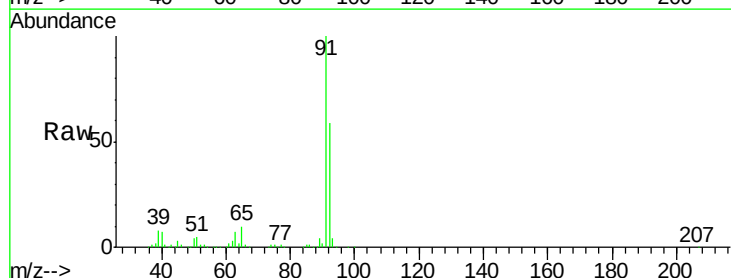
Acq: 15 Mar 2019 14:56

Tgt Ion: 91 Resp: 197482

Ion Ratio Lower Upper

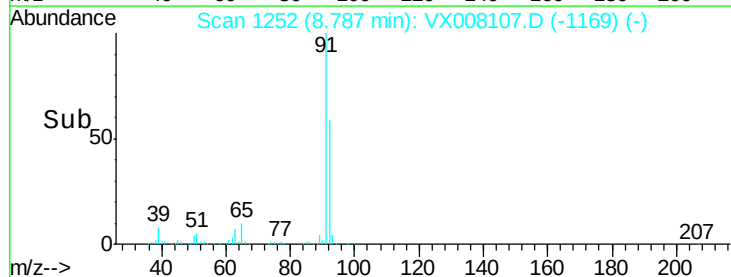
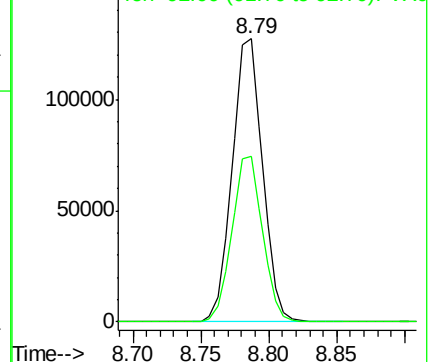
91 100

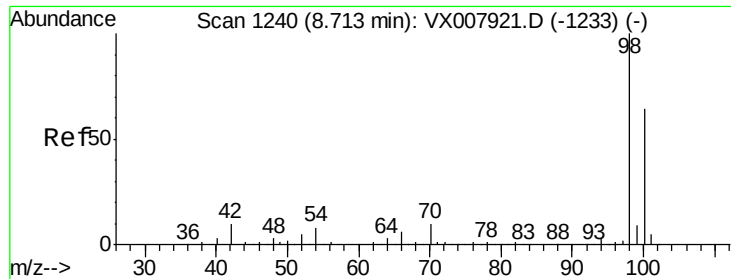
92 59.0 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

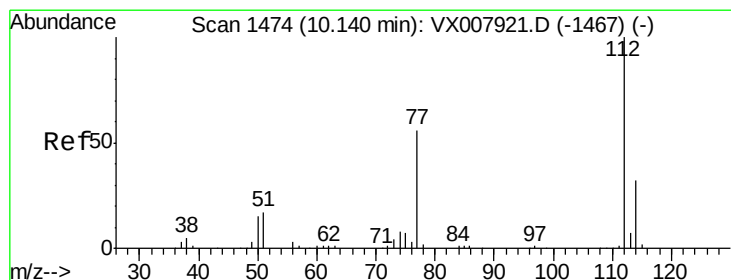
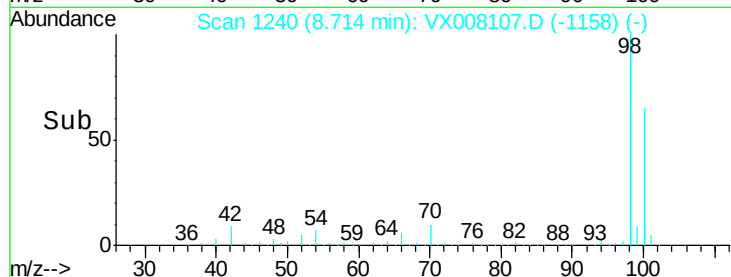
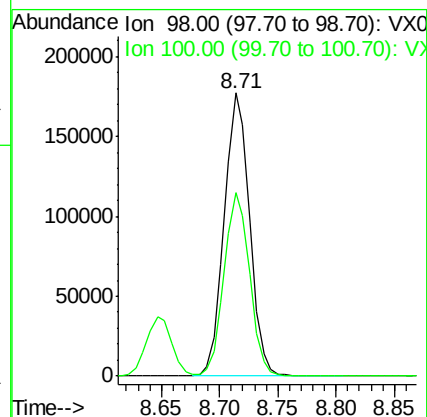
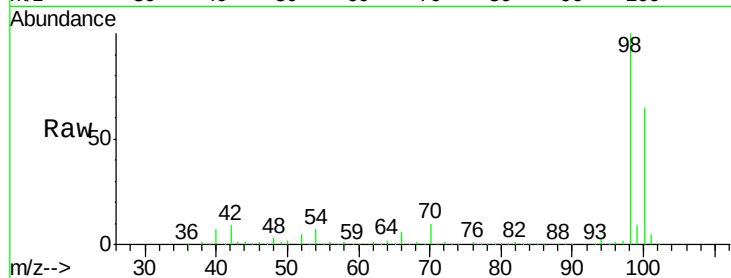




#63
Toluene-d8
Concen: 29.684 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008107.D
Acq: 15 Mar 2019 14:56

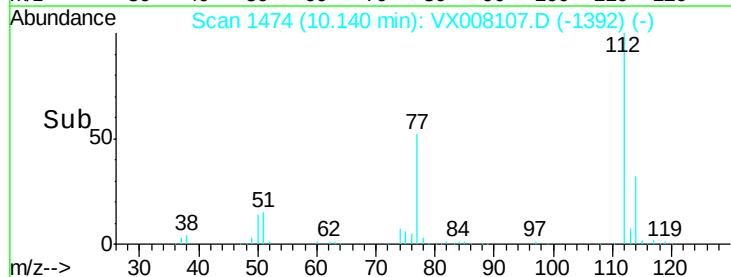
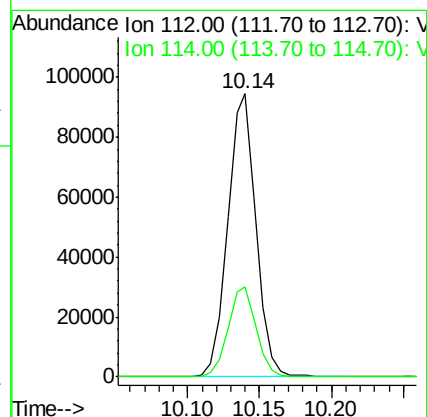
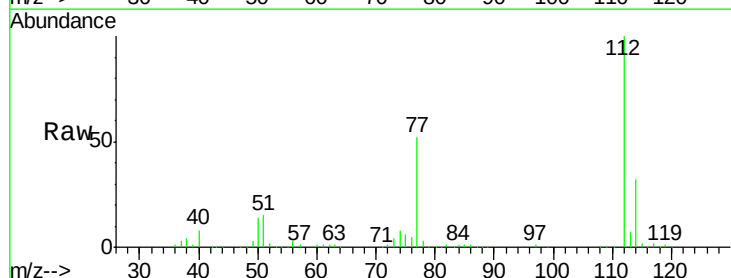
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

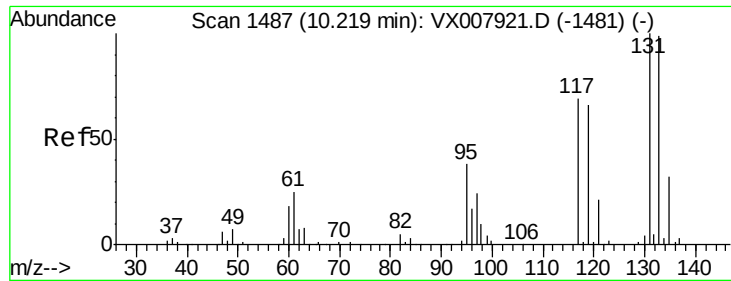
Tot Ion: 98 Resp: 267291
Ion Ratio Lower Upper
98 100
100 65.1 50.9 76.3



#64
Chlorobenzene
Concen: 17.718 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX008107.D
Acq: 15 Mar 2019 14:56

Tgt Ion: 112 Resp: 129746
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 18.223 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

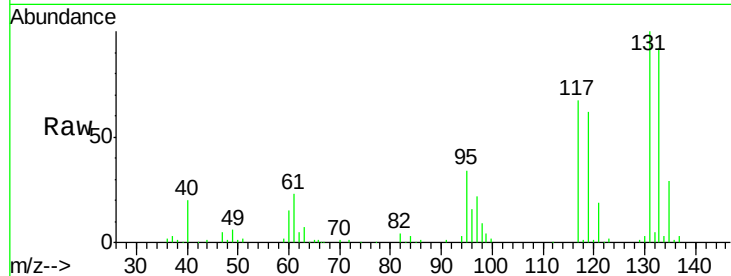
Tot Ion: 131 Resp: 47777

Ion Ratio Lower Upper

131 100

133 95.8 0.0 191.6

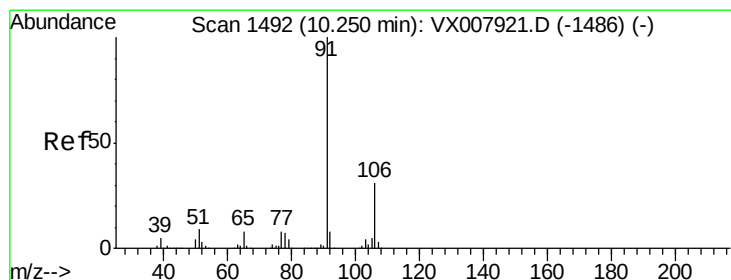
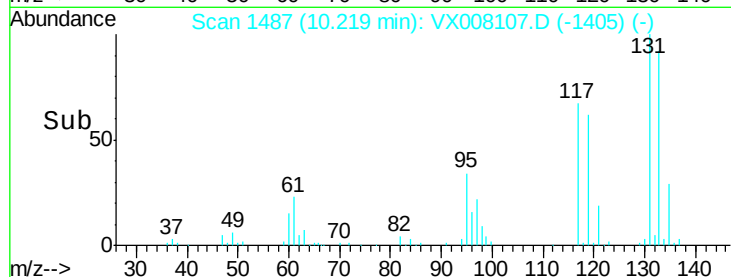
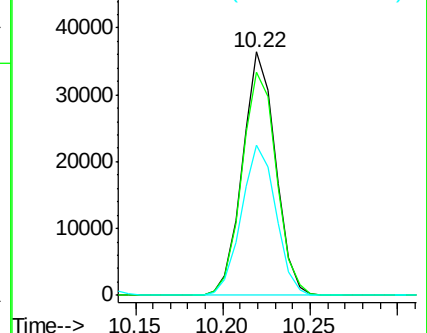
119 64.3 0.0 127.4



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: 17.031 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008107.D

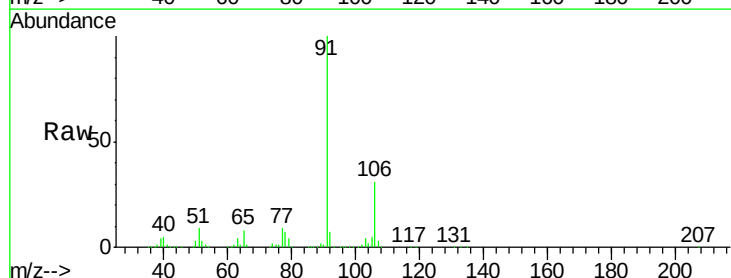
Acq: 15 Mar 2019 14:56

Tgt Ion: 91 Resp: 210181

Ion Ratio Lower Upper

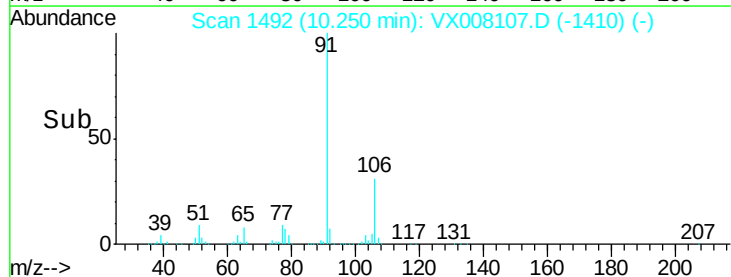
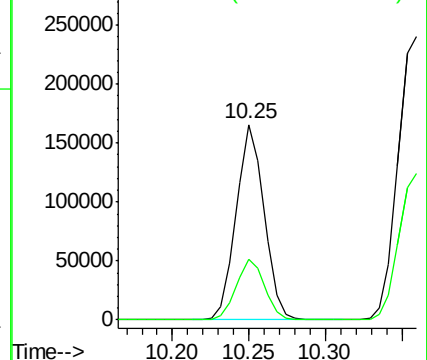
91 100

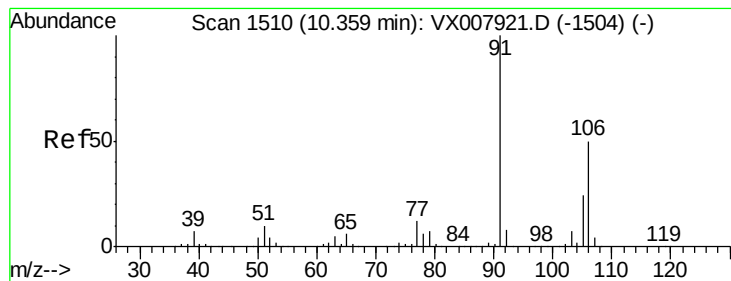
106 31.0 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 35.008 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Instrument :

MSVOA_X

ClientSampled :

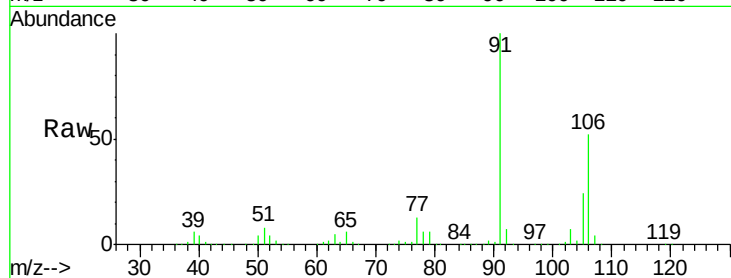
VX0315WBSD01

Tot Ion:106 Resp: 165659

Ion Ratio Lower Upper

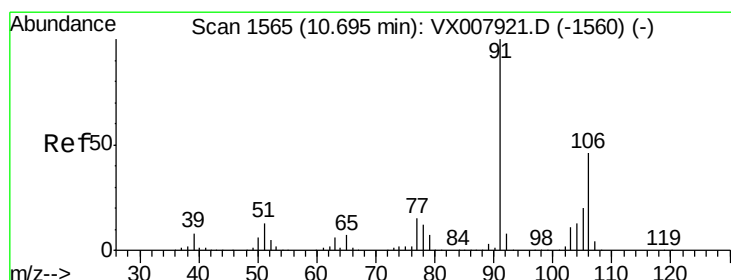
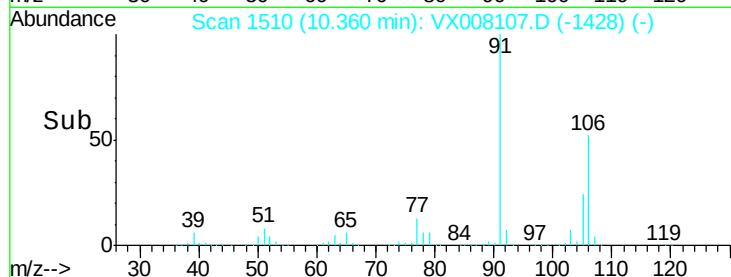
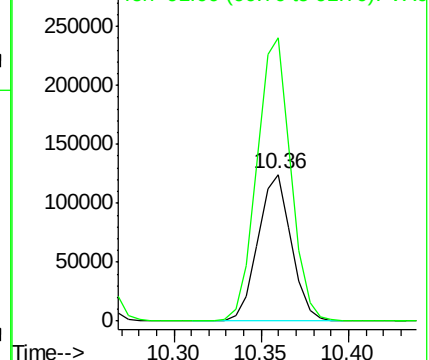
106 100

91 196.2 157.0 235.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 17.414 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VX008107.D

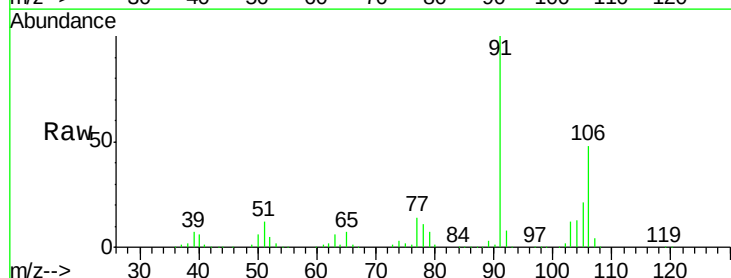
Acq: 15 Mar 2019 14:56

Tgt Ion:106 Resp: 80018

Ion Ratio Lower Upper

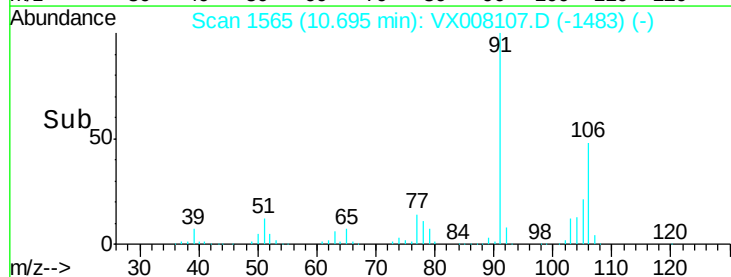
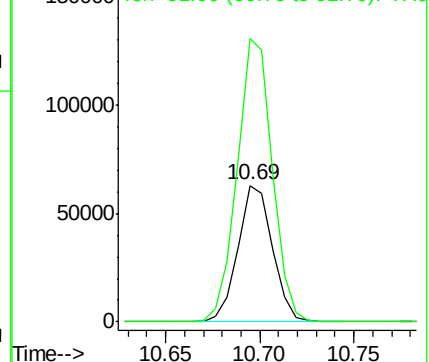
106 100

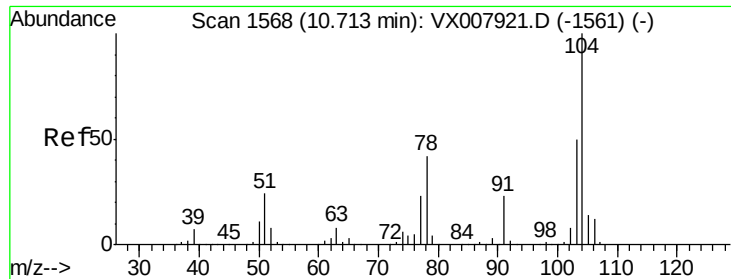
91 210.7 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Stvrene

Concen: 17.399 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

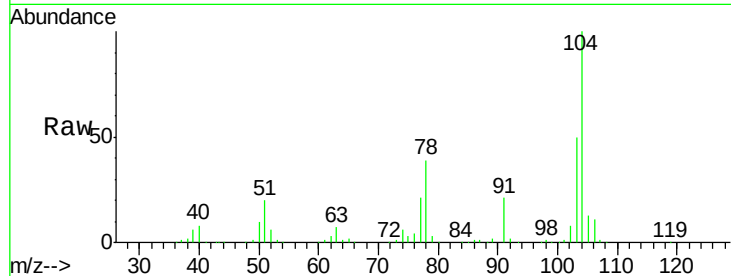
Tot Ion:104 Resp: 131729

Ion Ratio Lower Upper

104 100

78 46.3 38.2 57.2

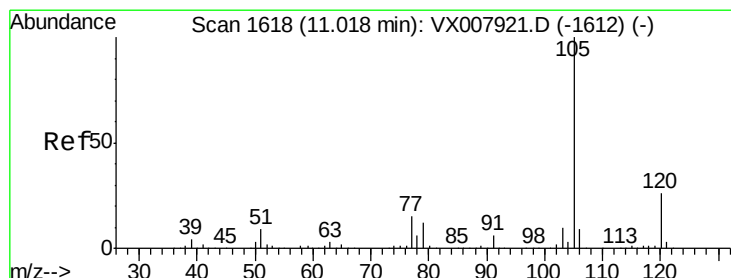
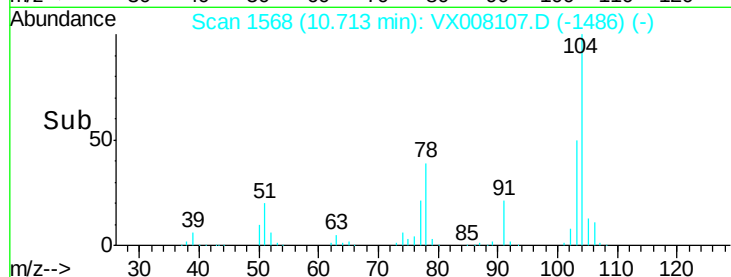
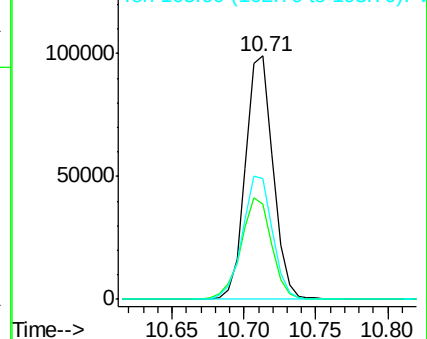
103 55.3 45.0 67.4



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: 17.500 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008107.D

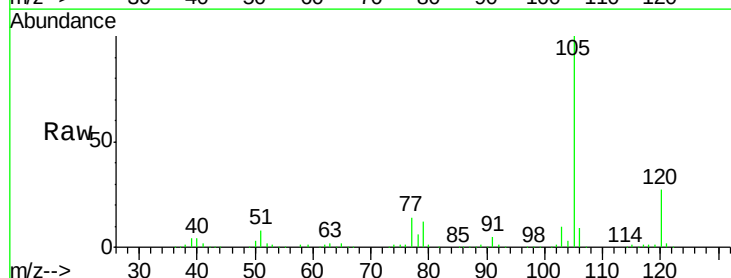
Acq: 15 Mar 2019 14:56

Tgt Ion:105 Resp: 214876

Ion Ratio Lower Upper

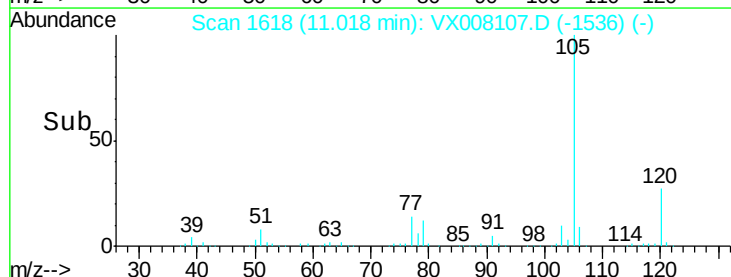
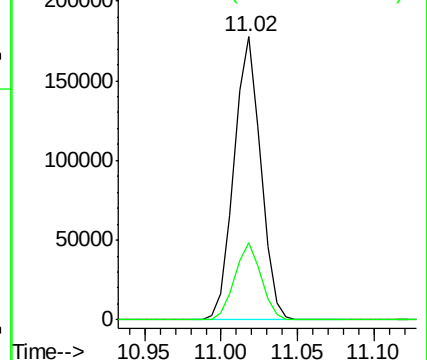
105 100

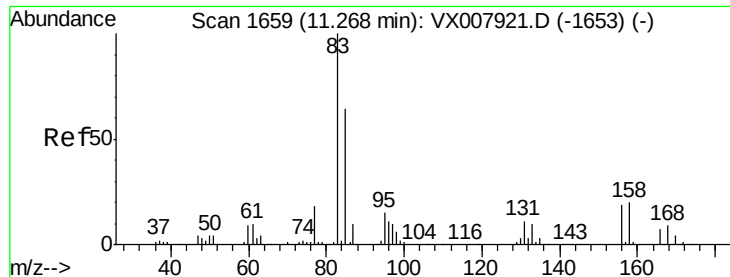
120 26.9 19.8 36.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

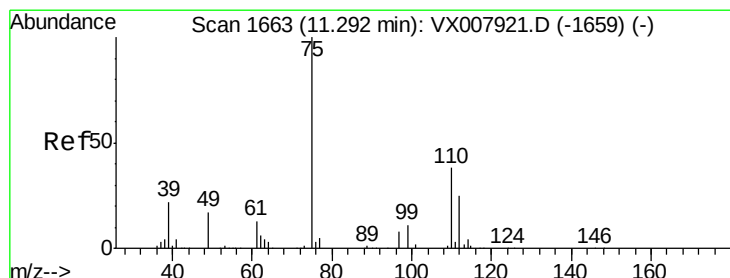
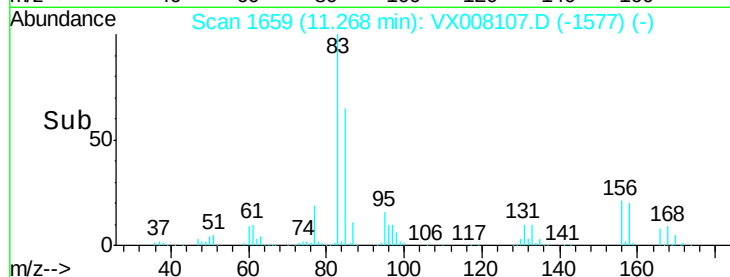
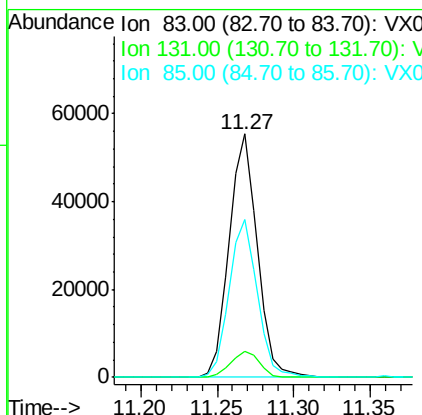
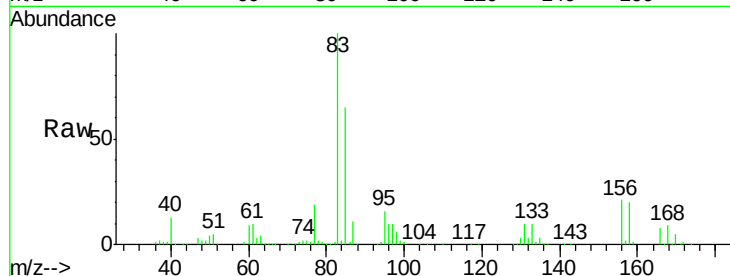




#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.452 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX008107.D
 Acq: 15 Mar 2019 14:56

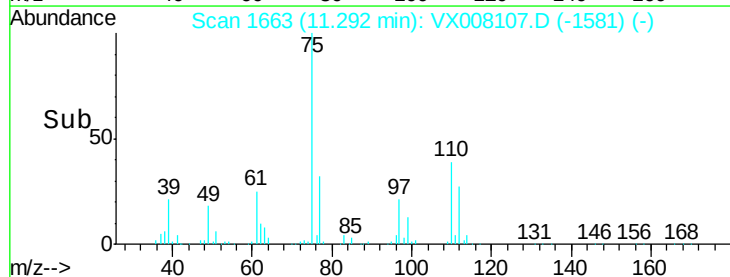
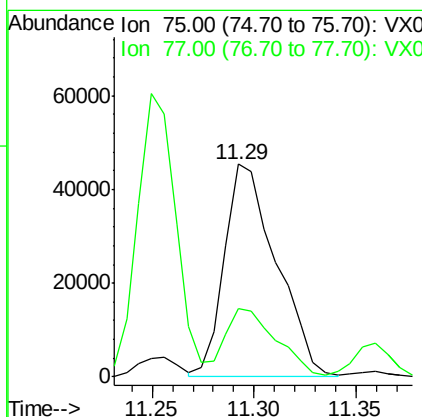
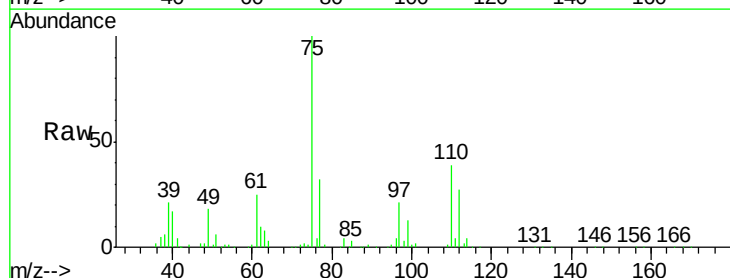
Instrument :
 MSVOA_X
 ClientSampled :
 VX0315WBSD01

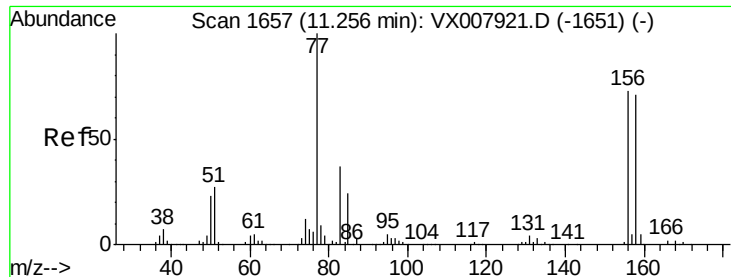
Tot Ion: 83 Resp: 70772
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.4 16.2
 85 65.0 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 21.033 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX008107.D
 Acq: 15 Mar 2019 14:56

Tgt Ion: 75 Resp: 80397
 Ion Ratio Lower Upper
 75 100
 77 32.2 0.0 76.4





#73

Bromobenzene

Concen: 18.250 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

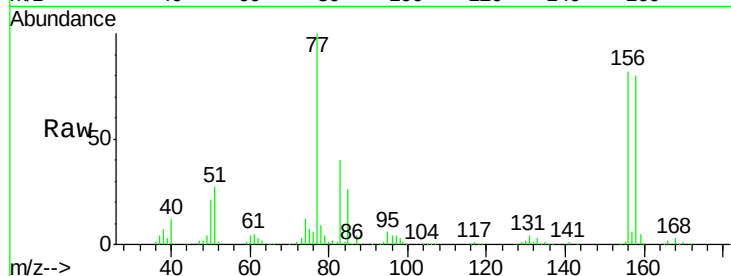
Tot Ion:156 Resp: 59571

Ion Ratio Lower Upper

156 100

77 132.1 0.0 271.4

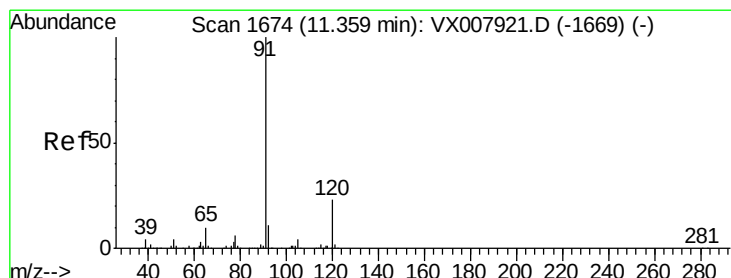
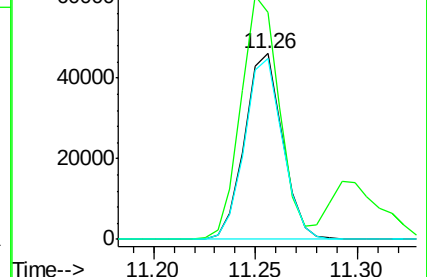
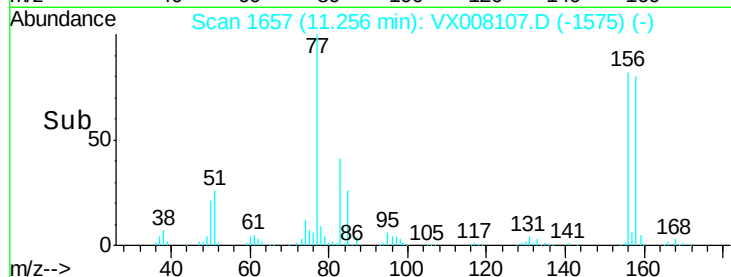
158 97.5 0.0 194.0



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: 16.857 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008107.D

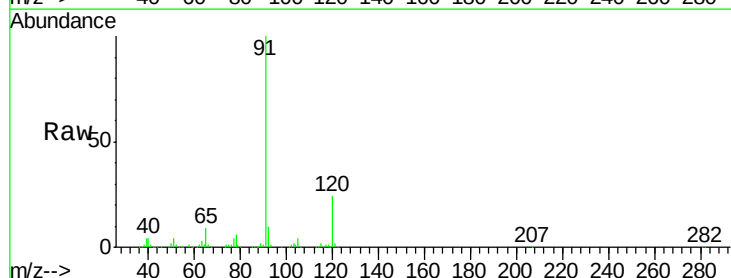
Acq: 15 Mar 2019 14:56

Tgt Ion: 91 Resp: 233467

Ion Ratio Lower Upper

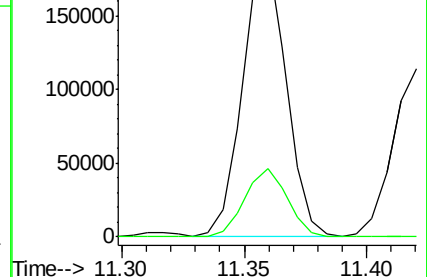
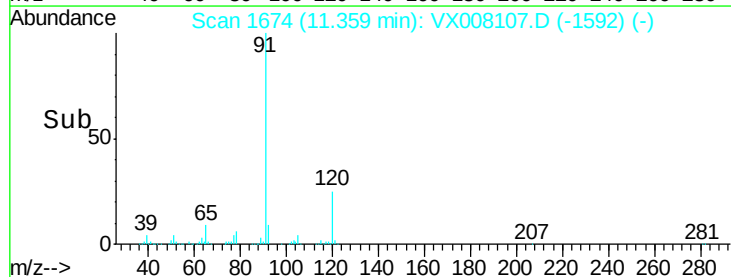
91 100

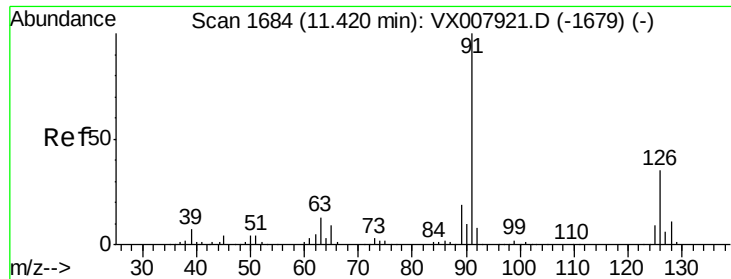
120 24.1 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 17.053 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

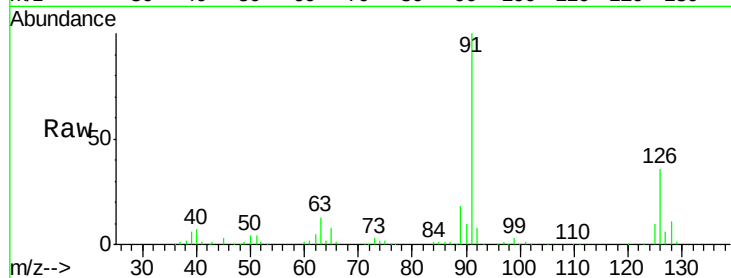
VX0315WBSD01

Tot Ion: 91 Resp: 141563

Ion Ratio Lower Upper

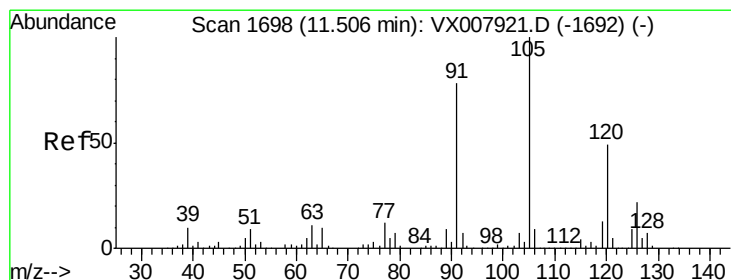
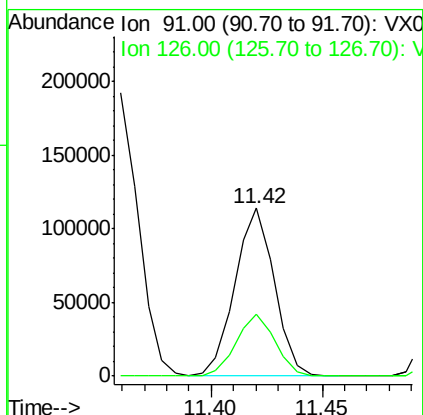
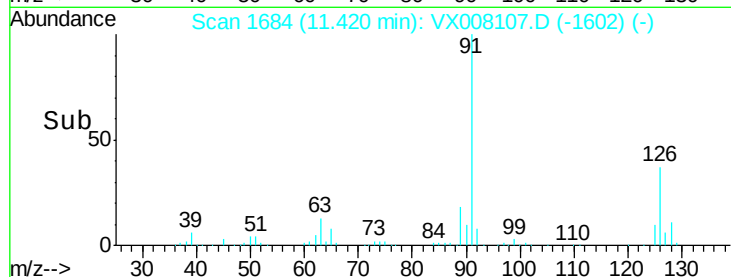
91 100

126 36.2 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: 17.574 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008107.D

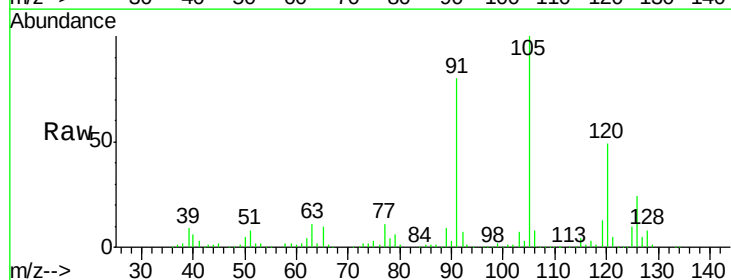
Acq: 15 Mar 2019 14:56

Tgt Ion:105 Resp: 178828

Ion Ratio Lower Upper

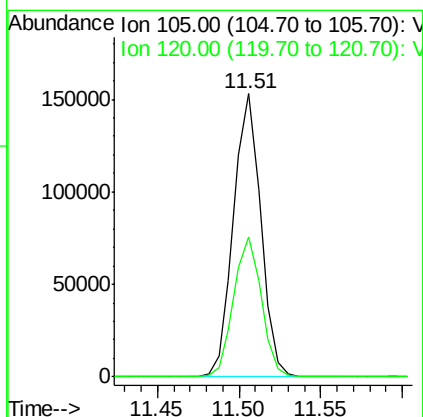
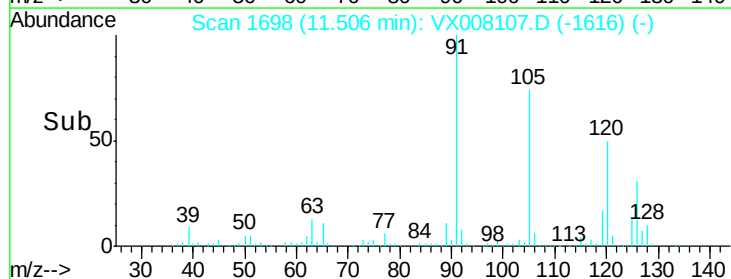
105 100

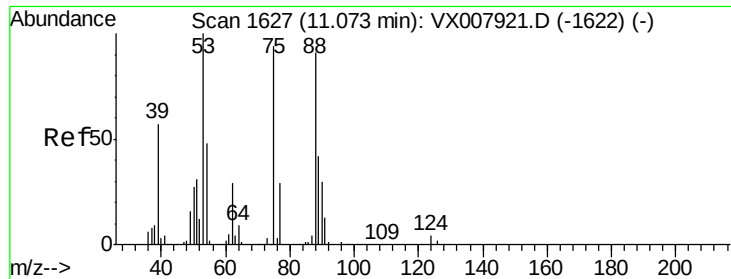
120 49.9 0.0 101.0



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: 16.185 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

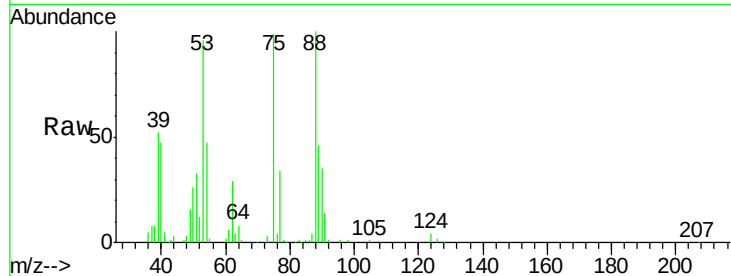
Tot Ion: 75 Resp: 19114

Ion Ratio Lower Upper

75 100

53 97.0 55.5 166.7

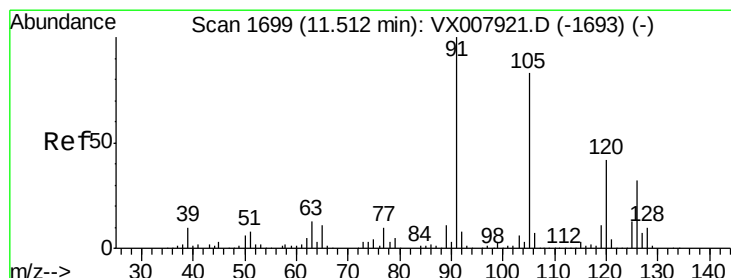
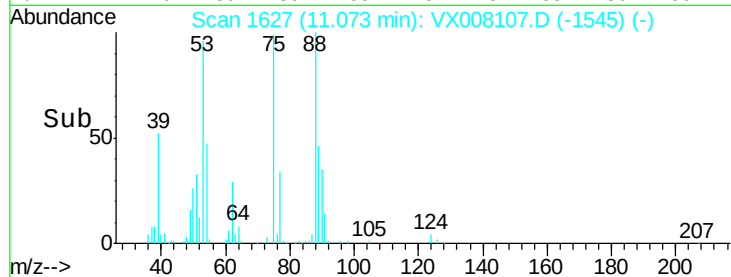
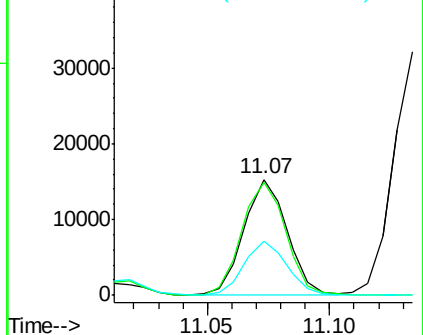
89 46.1 24.4 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 17.082 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008107.D

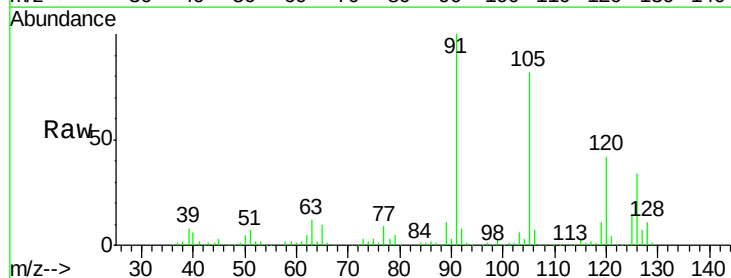
Acq: 15 Mar 2019 14:56

Tgt Ion: 91 Resp: 160330

Ion Ratio Lower Upper

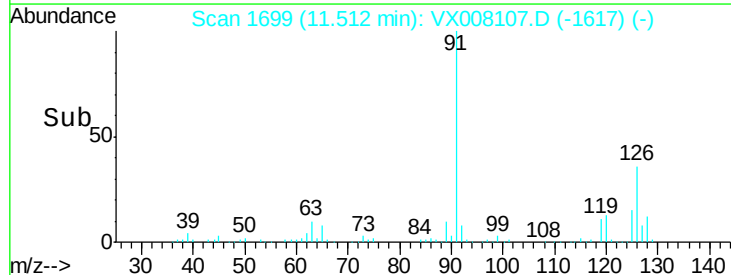
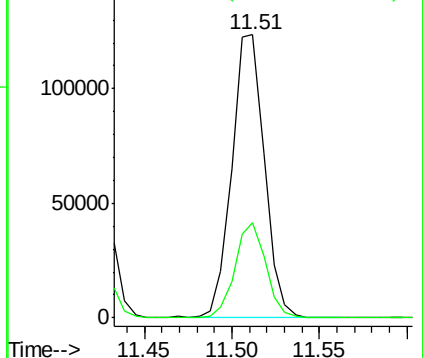
91 100

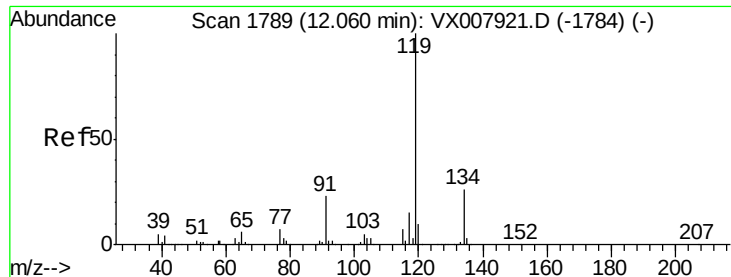
126 31.6 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

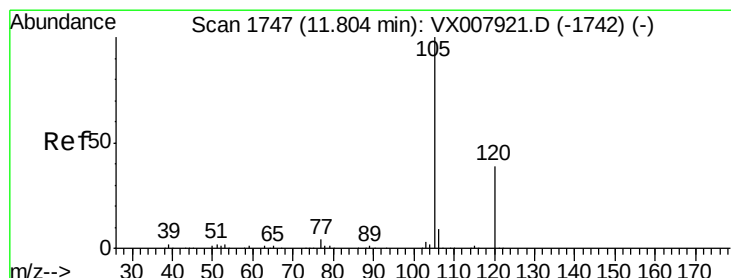
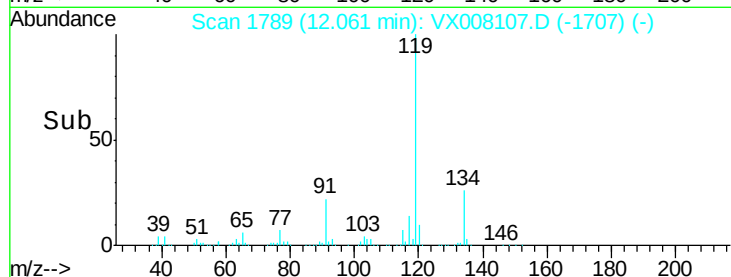
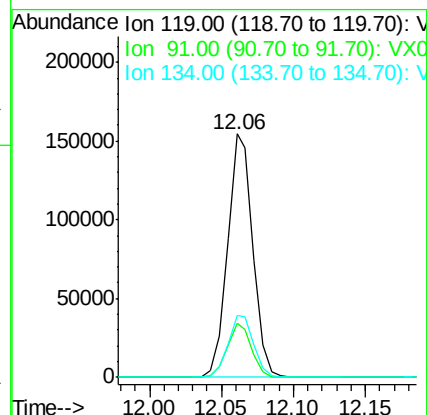
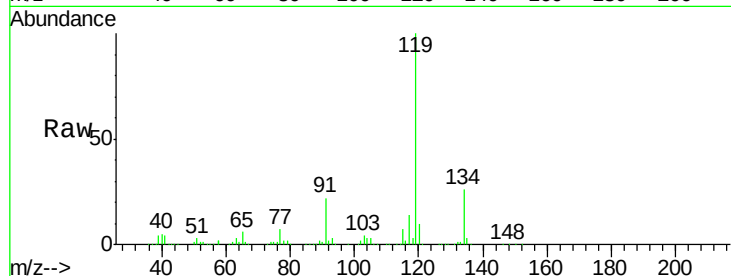




#79
tert-butylbenzene
Concen: 17.447 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX008107.D
Acq: 15 Mar 2019 14:56

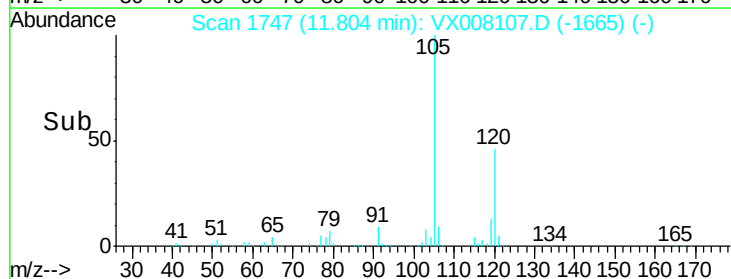
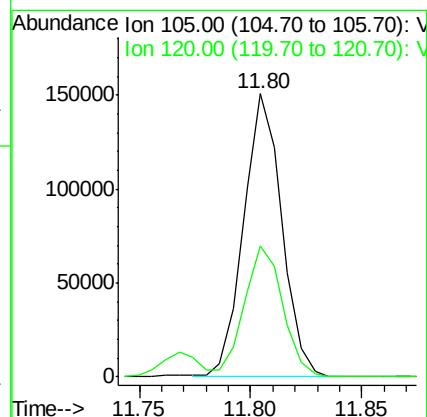
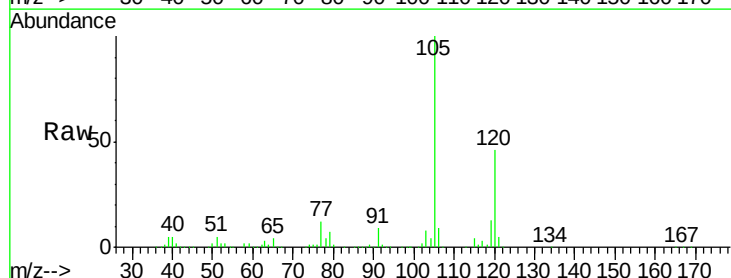
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

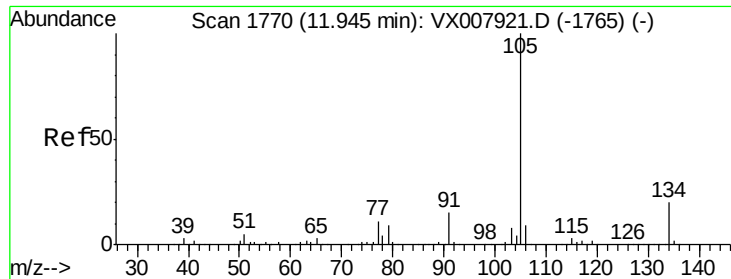
Tot Ion	Ratio	Lower	Upper
119	100		
91	21.4	0.0	45.0
134	26.0	0.0	55.4



#80
1,2,4-Trimethylbenzene
Concen: 17.348 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008107.D
Acq: 15 Mar 2019 14:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	0.0	94.0





#81

sec-Butylbenzene

Concen: 16.983 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

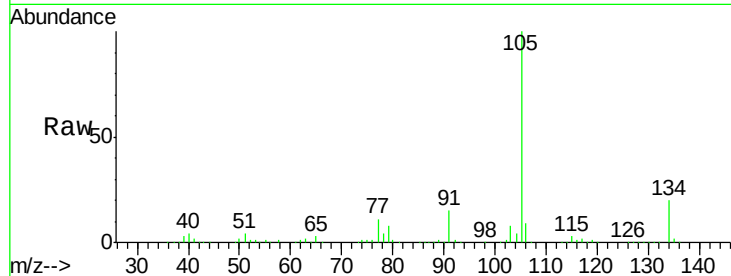
VX0315WBSD01

Tot Ion:105 Resp: 207726

Ion Ratio Lower Upper

105 100

134 20.6 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

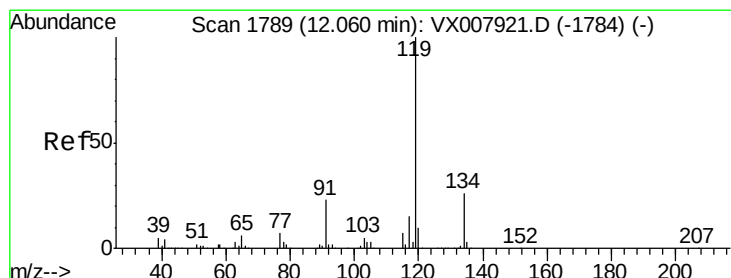
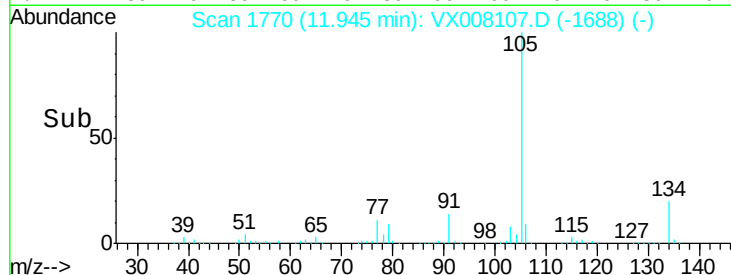
100000

50000

0

11.90 11.95 12.00

Time-->



#82

p-Isopropyltoluene

Concen: 17.447 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

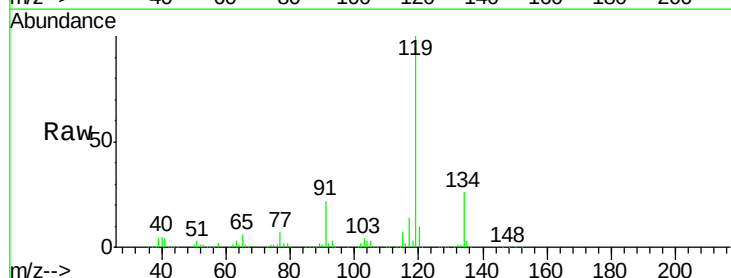
Tgt Ion:119 Resp: 190515

Ion Ratio Lower Upper

119 100

134 26.0 0.0 55.4

91 21.4 0.0 45.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

200000

150000

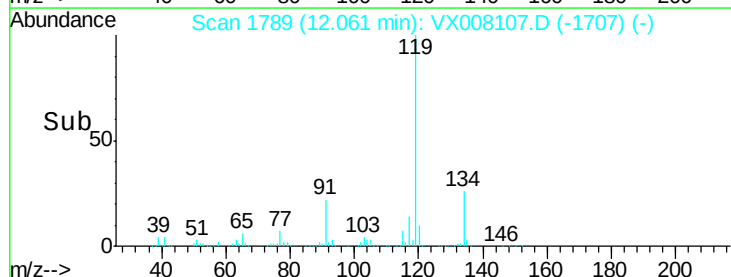
100000

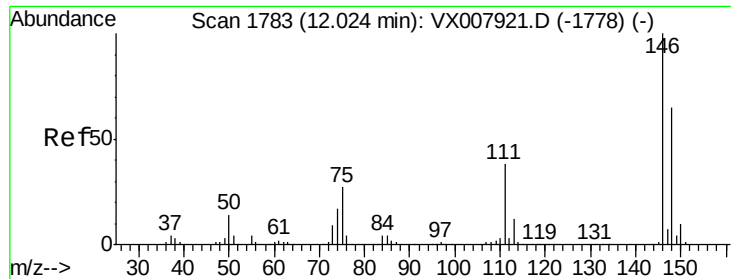
50000

0

12.00 12.05 12.10 12.15

Time-->

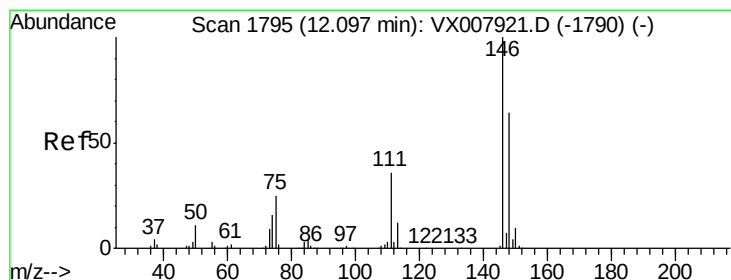
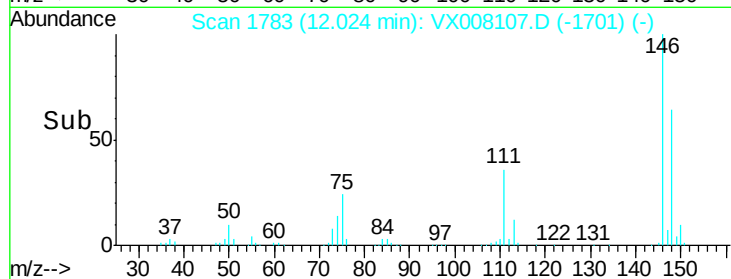
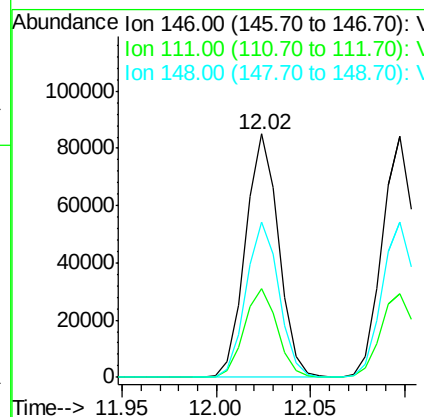
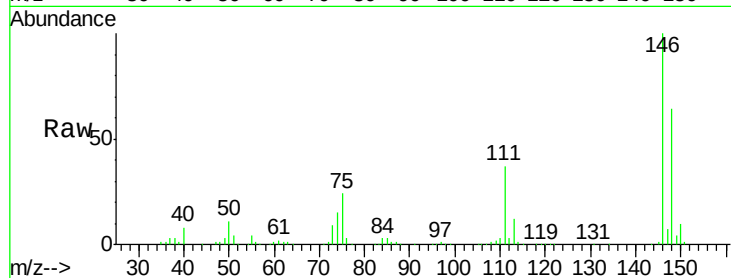




#83
 1,3-Dichlorobenzene
 Concen: 17.879 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008107.D
 Acq: 15 Mar 2019 14:56

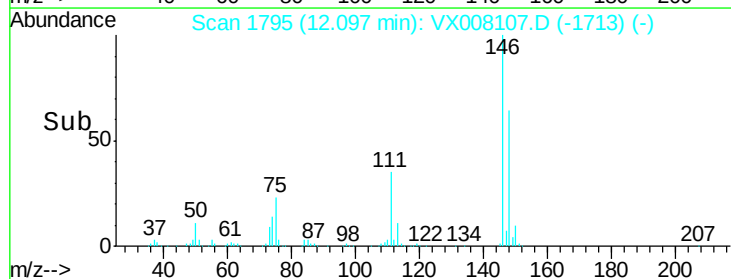
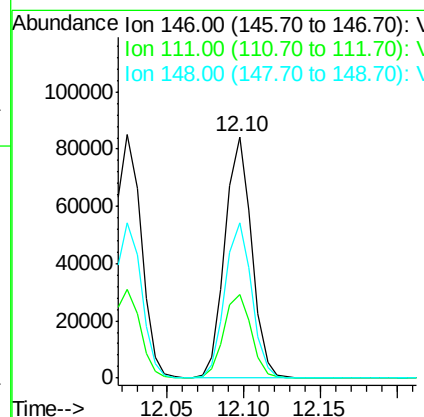
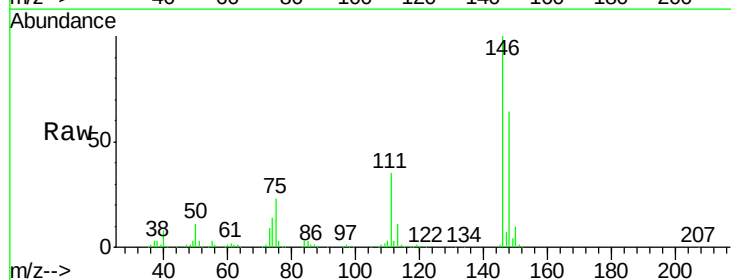
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

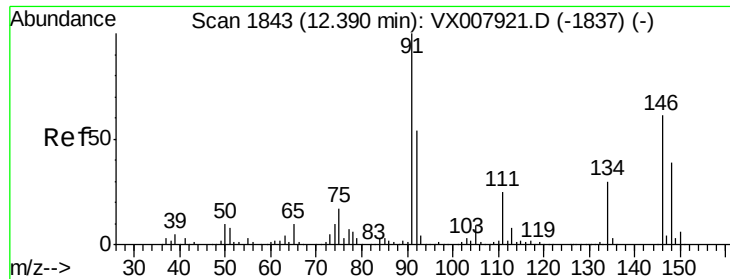
Tot Ion:146 Resp: 103910
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.8 56.3
 148 63.3 30.6 91.8



#84
 1,4-Dichlorobenzene
 Concen: 17.628 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008107.D
 Acq: 15 Mar 2019 14:56

Tgt Ion:146 Resp: 102504
 Ion Ratio Lower Upper
 146 100
 111 35.7 17.6 52.8
 148 64.5 31.4 94.2

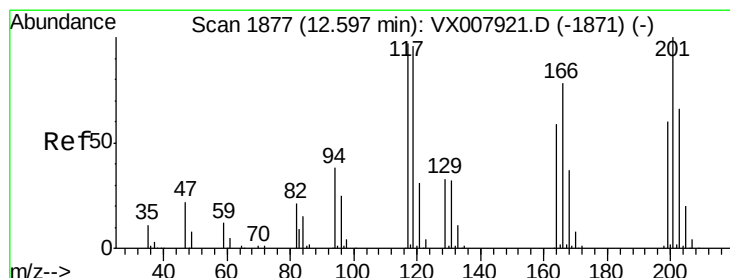
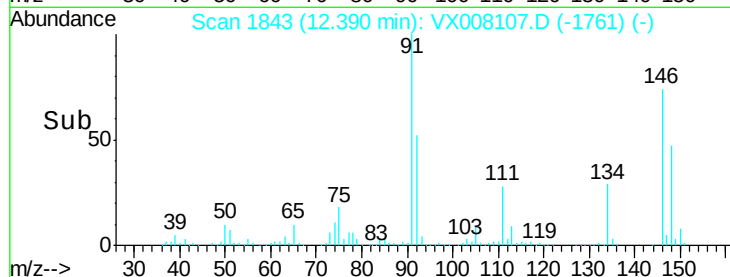
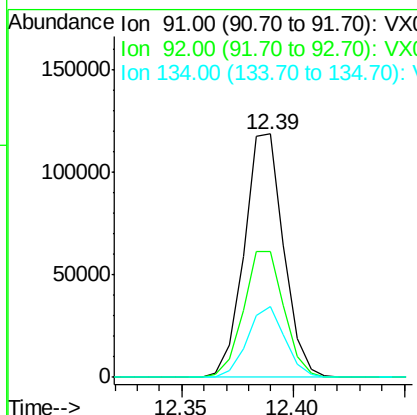
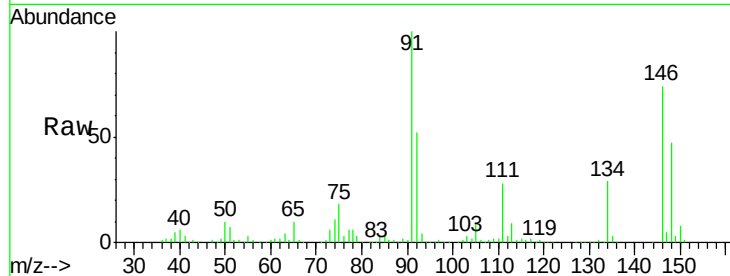




#85
n-Butylbenzene
Concen: 15.779 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX008107.D
Acq: 15 Mar 2019 14:56

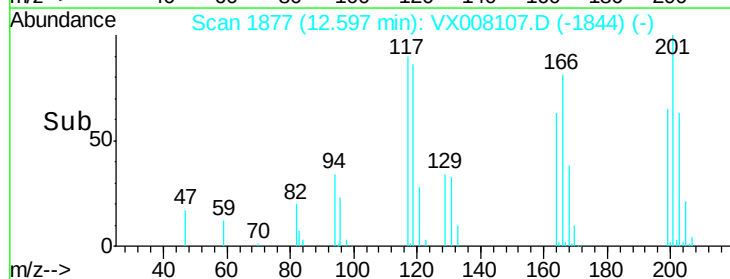
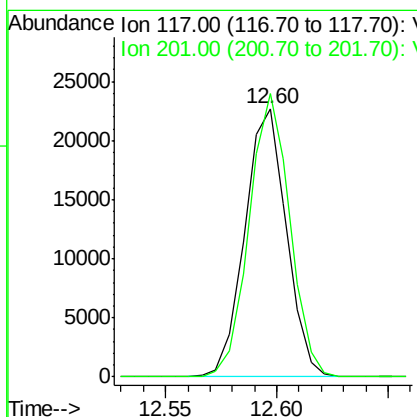
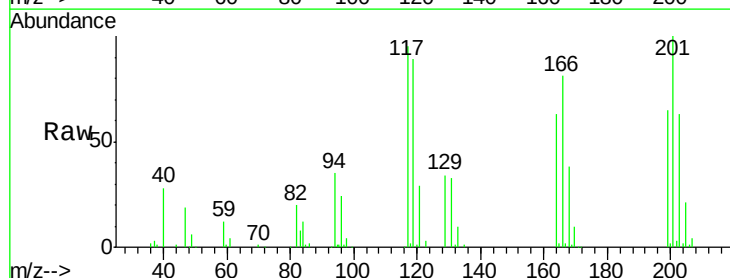
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

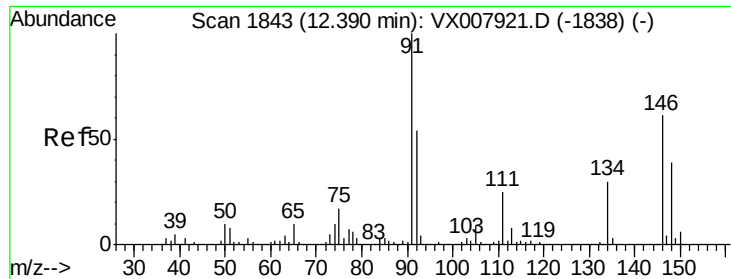
Tot Ion: 91 Resp: 147361
Ion Ratio Lower Upper
91 100
92 53.0 0.0 105.2
134 27.8 0.0 56.4



#86
Hexachloroethane
Concen: 16.598 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008107.D
Acq: 15 Mar 2019 14:56

Tgt Ion: 117 Resp: 29531
Ion Ratio Lower Upper
117 100
201 102.7 41.1 123.3

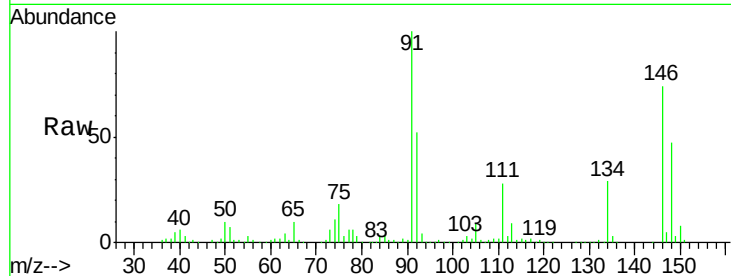




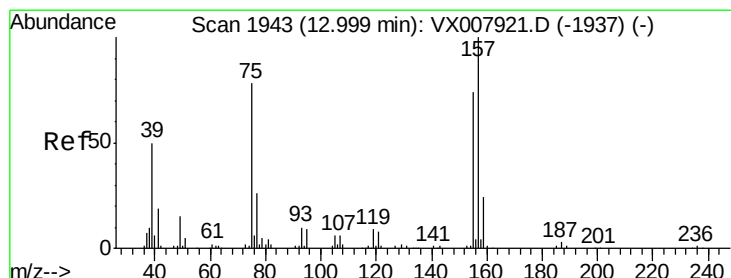
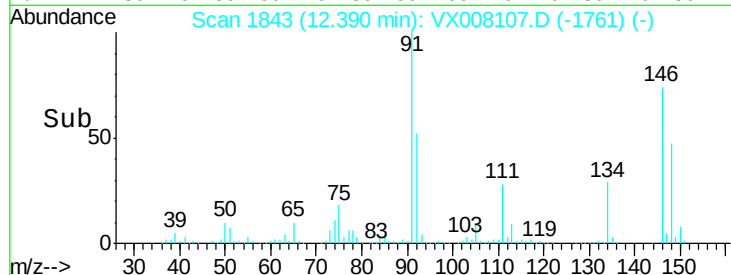
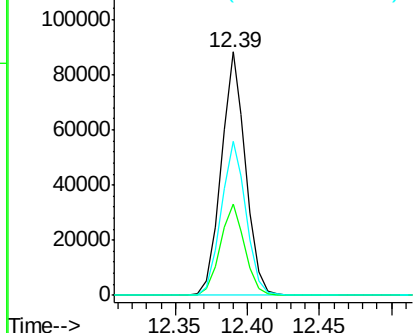
#87
 1,2-Dichlorobenzene
 Concen: 18.210 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008107.D
 Acq: 15 Mar 2019 14:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

Tot Ion:146 Resp: 104592
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.3 57.8
 148 64.6 32.1 96.3

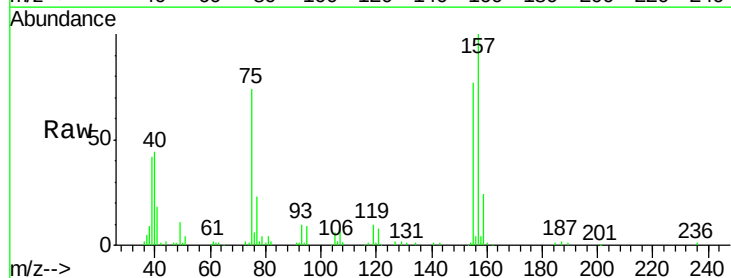


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

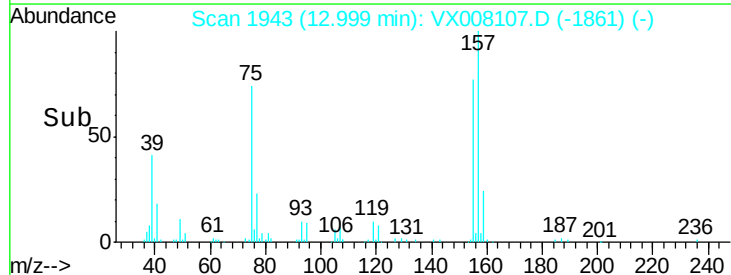
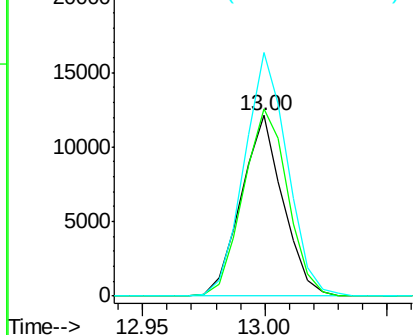


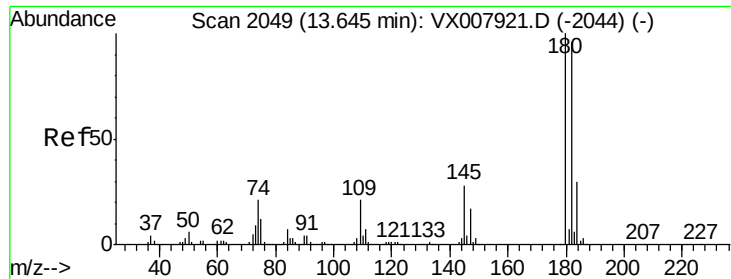
#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.426 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008107.D
 Acq: 15 Mar 2019 14:56

Tgt Ion: 75 Resp: 14434
 Ion Ratio Lower Upper
 75 100
 155 109.8 81.0 121.6
 157 138.7 103.2 154.8



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

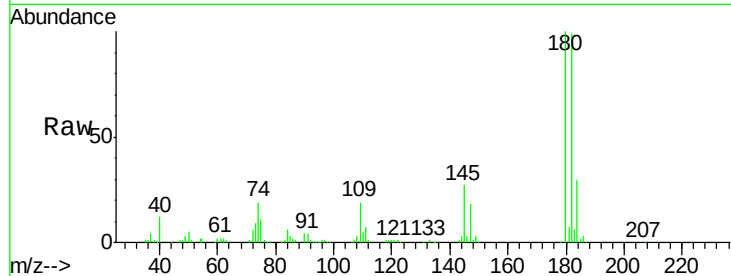




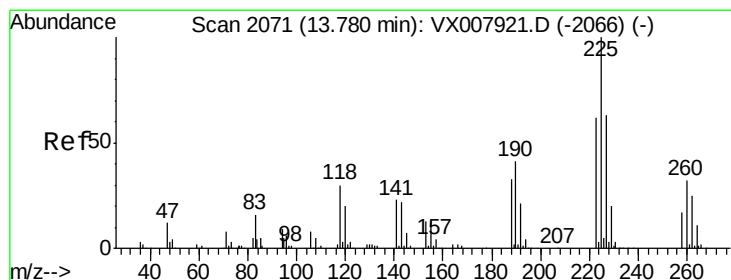
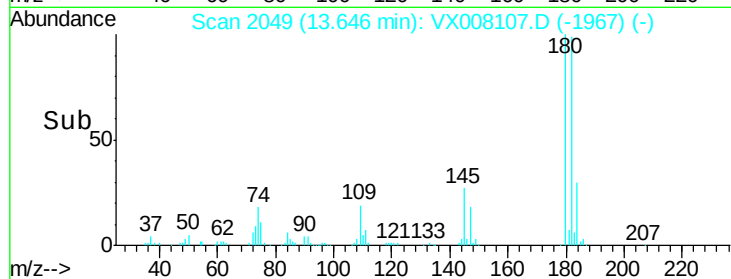
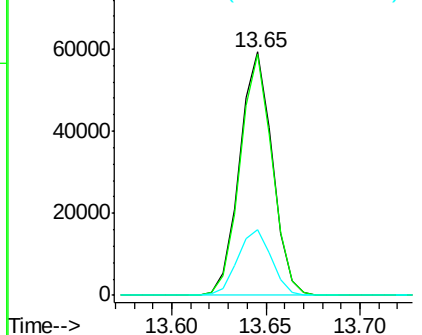
#89
 1,2,4-Trichlorobenzene
 Concen: 17.322 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008107.D
 Acq: 15 Mar 2019 14:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

Tot Ion:180 Resp: 71501
 Ion Ratio Lower Upper
 180 100
 182 97.3 75.6 113.4
 145 27.9 23.0 34.6

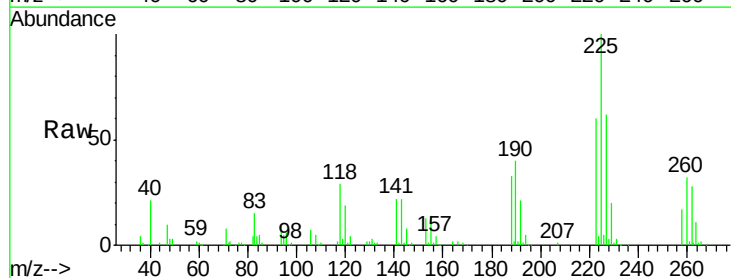


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

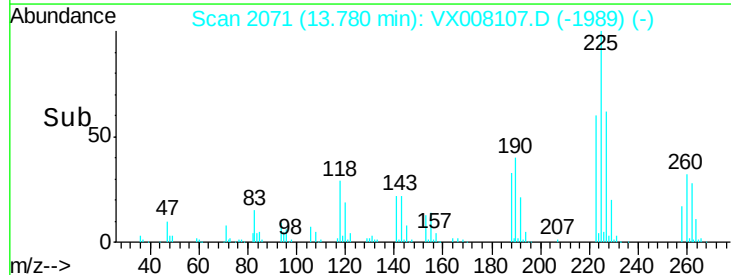
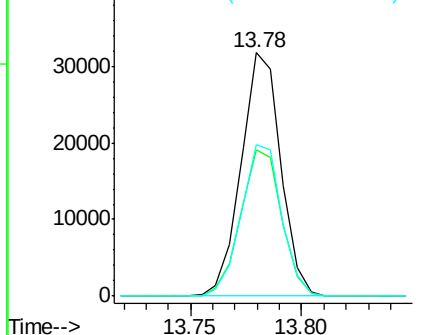


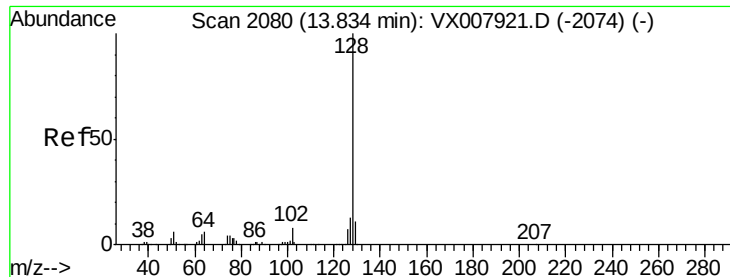
#90
 Hexachlorobutadiene
 Concen: 17.352 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008107.D
 Acq: 15 Mar 2019 14:56

Tgt Ion:225 Resp: 39504
 Ion Ratio Lower Upper
 225 100
 223 62.1 0.0 123.8
 227 63.7 0.0 124.4



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 17.843 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

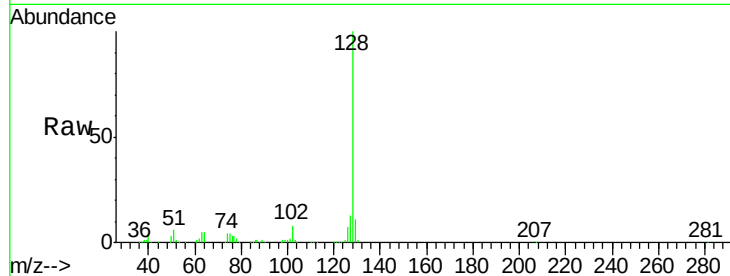
Tot Ion:128 Resp: 211128

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

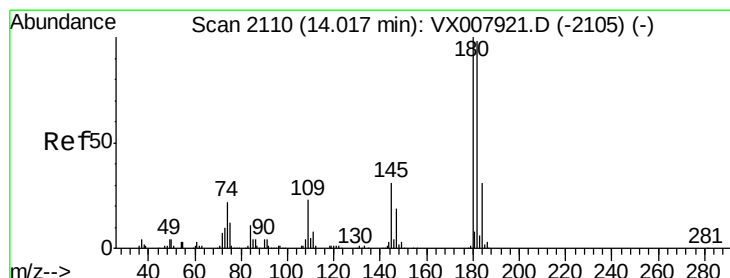
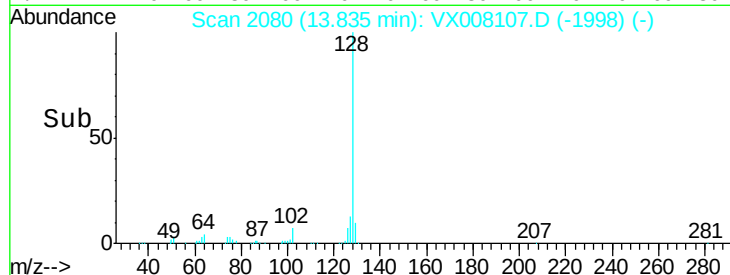
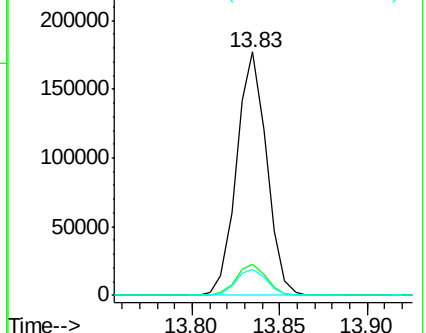
129 11.0 8.9 13.3



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: 17.631 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008107.D

Acq: 15 Mar 2019 14:56

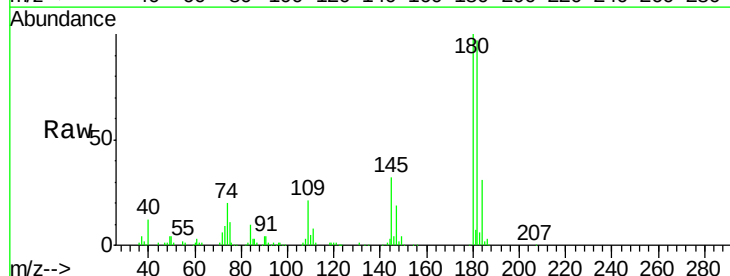
Tgt Ion:180 Resp: 72337

Ion Ratio Lower Upper

180 100

182 97.5 0.0 193.0

145 30.2 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

