

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122319\
 Data File : VX014194.D
 Acq On : 23 Dec 2019 11:48
 Operator : JC/SP
 Sample : VX1223WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBS01

Quant Time: Dec 24 01:27:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	520907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	804560	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	728342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	363027	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	305404	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
35) Dibromofluoromethane	5.48	113	248557	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	8.71	98	942756	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.13	95	338461	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	75919	16.291	ug/l 98
3) Chloromethane	1.32	50	107806	17.238	ug/l 99
4) Vinyl Chloride	1.40	62	109623	16.612	ug/l 99
5) Bromomethane	1.63	94	71936	15.359	ug/l 98
6) Chloroethane	1.72	64	73653	18.084	ug/l 91
7) Trichlorofluoromethane	1.92	101	144124	17.643	ug/l 95
8) Diethyl Ether	2.18	74	72013	18.783	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	87383	17.745	ug/l 99
10) Methyl Iodide	2.50	142	84947	15.016	ug/l 99
11) Tert butyl alcohol	3.03	59	126804	99.402	ug/l 97
12) 1,1-Dichloroethene	2.36	96	87488	17.460	ug/l 97
13) Acrolein	2.28	56	73197	100.238	ug/l 99
14) Allyl chloride	2.72	41	164316	18.366	ug/l 99
15) Acrylonitrile	3.13	53	287734	96.636	ug/l 100
16) Acetone	2.43	43	344971	90.005	ug/l 100
17) Carbon Disulfide	2.56	76	226387	16.780	ug/l 100
18) Methyl Acetate	2.76	43	149389	19.670	ug/l 97
19) Methyl tert-butyl Ether	3.18	73	323971	19.676	ug/l 97
20) Methylene Chloride	2.85	84	109573	18.154	ug/l 94
21) trans-1,2-Dichloroethene	3.16	96	98517	17.846	ug/l 96
22) Diisopropyl ether	3.84	45	347487	19.491	ug/l 94
23) Vinyl Acetate	3.80	43	1462949	100.553	ug/l 99
24) 1,1-Dichloroethane	3.69	63	181371	18.285	ug/l 99
25) 2-Butanone	4.65	43	445882	94.359	ug/l 100
26) 2,2-Dichloropropane	4.57	77	144974	18.825	ug/l 99
27) cis-1,2-Dichloroethene	4.58	96	116417	18.647	ug/l 99
28) Bromochloromethane	5.00	49	78404	20.820	ug/l 99
29) Tetrahydrofuran	5.11	42	257894	97.575	ug/l 100
30) Chloroform	5.20	83	176905	18.814	ug/l 98
31) Cyclohexane	5.57	56	152297	17.263	ug/l 96
32) 1,1,1-Trichloroethane	5.48	97	142579	17.791	ug/l 100
36) 1,1-Dichloropropene	5.79	75	127312	17.246	ug/l 100
37) Ethyl Acetate	4.81	43	159668	19.586	ug/l 100
38) Carbon Tetrachloride	5.77	117	119620	17.787	ug/l 99

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 VX1223WBS01

Quant Time: Dec 24 01:27:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	152196	16.697	ug/l	97
40) Benzene	6.13	78	411429	18.113	ug/l	99
41) Methacrylonitrile	5.03	41	87372	19.316	ug/l	98
42) 1,2-Dichloroethane	6.18	62	149032	19.356	ug/l	99
43) Isopropyl Acetate	6.43	43	258108	19.131	ug/l	99
44) Trichloroethene	7.21	130	112972	18.007	ug/l	94
45) 1,2-Dichloropropane	7.50	63	108510	18.638	ug/l	95
46) Dibromomethane	7.65	93	70484	18.312	ug/l	98
47) Bromodichloromethane	7.89	83	136712	18.859	ug/l	99
48) Methyl methacrylate	7.76	41	125198	18.951	ug/l	99
49) 1,4-Dioxane	7.73	88	51473	382.867	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	809714	95.566	ug/l	99
52) Toluene	8.78	92	255197	17.775	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	152585	19.196	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	171000	19.310	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	110641	19.228	ug/l	98
56) Ethyl methacrylate	9.17	69	171951	19.024	ug/l	99
57) 1,3-Dichloropropane	9.36	76	186317	19.245	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	326661	95.497	ug/l	99
59) 2-Hexanone	9.48	43	642346	94.177	ug/l	98
60) Dibromochloromethane	9.57	129	109748	19.188	ug/l	97
61) 1,2-Dibromoethane	9.67	107	112249	19.066	ug/l	100
64) Tetrachloroethene	9.33	164	117529	18.236	ug/l	97
65) Chlorobenzene	10.13	112	280036	18.083	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	103368	18.694	ug/l	99
67) Ethyl Benzene	10.25	91	485780	18.246	ug/l	100
68) m/p-Xylenes	10.35	106	366384	35.779	ug/l	98
69) o-Xylene	10.70	106	182680	18.190	ug/l	99
70) Styrene	10.71	104	307403	18.101	ug/l	98
71) Bromoform	10.85	173	84667	19.049	ug/l #	98
73) Isopropylbenzene	11.01	105	468568	18.332	ug/l	100
74) N-amyl acetate	10.89	43	222962	18.610	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	165095	18.631	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	182731	23.186	ug/l	91
77) Bromobenzene	11.25	156	127183	18.085	ug/l	97
78) n-propylbenzene	11.35	91	527089	18.385	ug/l	99
79) 2-Chlorotoluene	11.42	91	319818	18.351	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	387137	17.997	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52492	18.799	ug/l	97
82) 4-Chlorotoluene	11.51	91	367942	18.201	ug/l	98
83) tert-Butylbenzene	11.76	119	365965	17.482	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	396995	18.429	ug/l	99
85) sec-Butylbenzene	11.94	105	440171	17.811	ug/l	100
86) p-Isopropyltoluene	12.06	119	407233	18.014	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	220389	17.881	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	221288	17.657	ug/l	99
89) n-Butylbenzene	12.39	91	337515	17.498	ug/l	100
90) Hexachloroethane	12.59	117	69218	17.047	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	219672	17.705	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	34278	17.480	ug/l	99

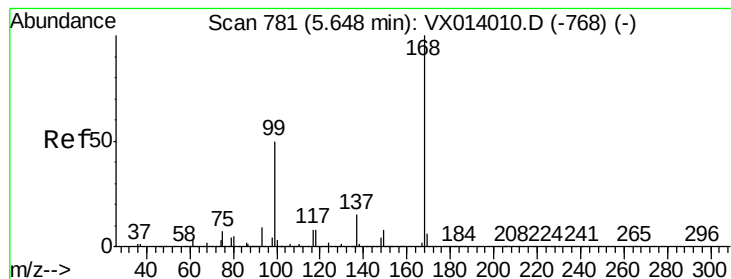
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	143083	17.743	ug/l	99
94) Hexachlorobutadiene	13.78	225	65694	16.951	ug/l	99
95) Naphthalene	13.83	128	445025	18.783	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	142800	17.939	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

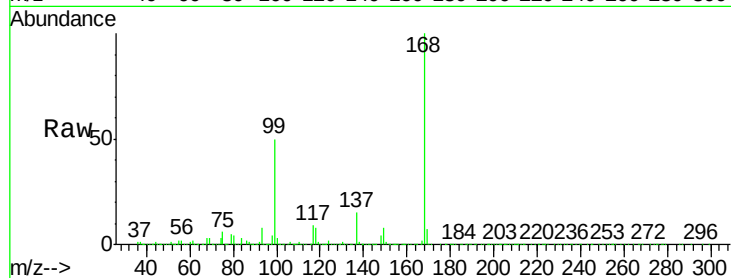
VX1223WBS01

Tgt Ion:168 Resp: 520907

Ion Ratio Lower Upper

168 100

99 49.7 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

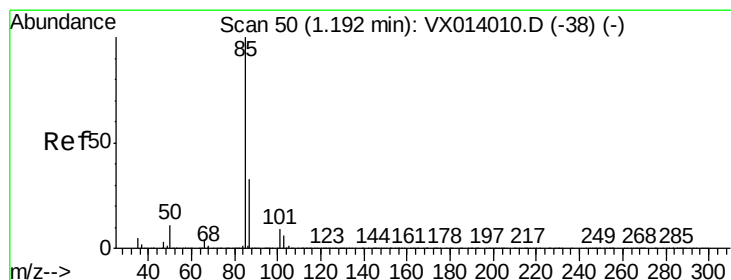
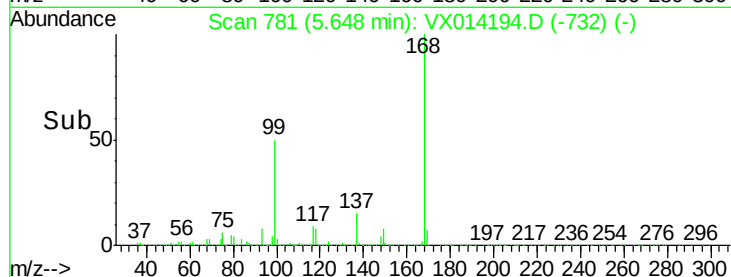
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.291 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014194.D

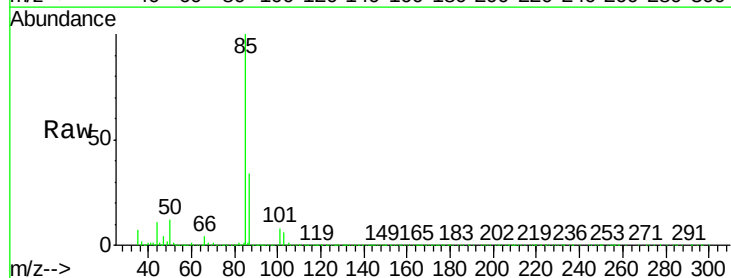
Acq: 23 Dec 2019 11:48

Tgt Ion: 85 Resp: 75919

Ion Ratio Lower Upper

85 100

87 34.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

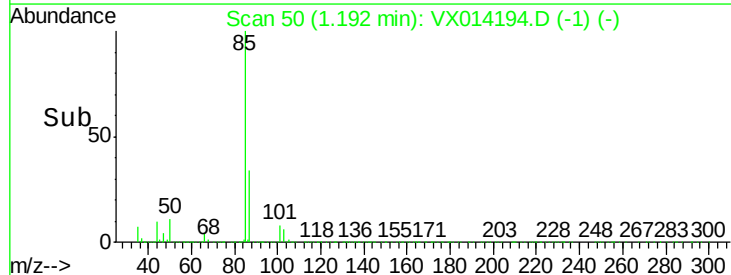
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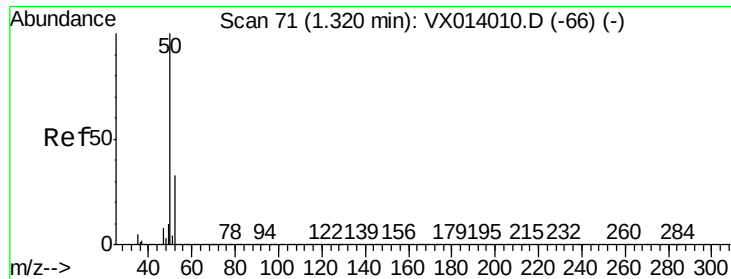
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0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 17.238 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

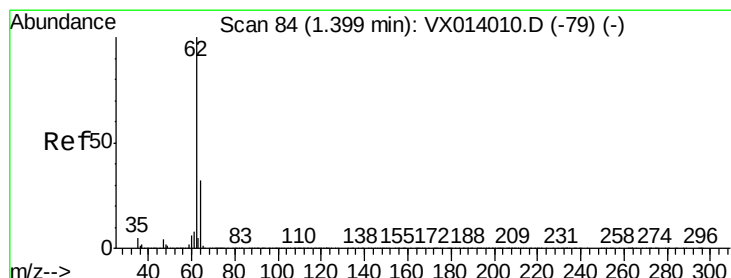
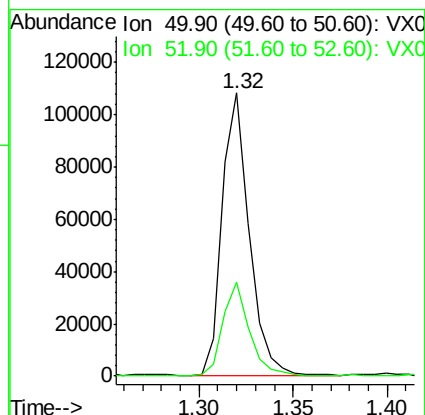
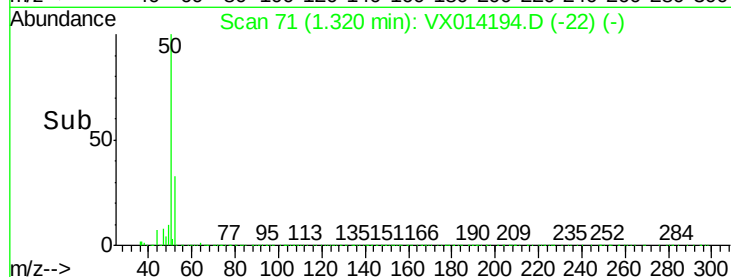
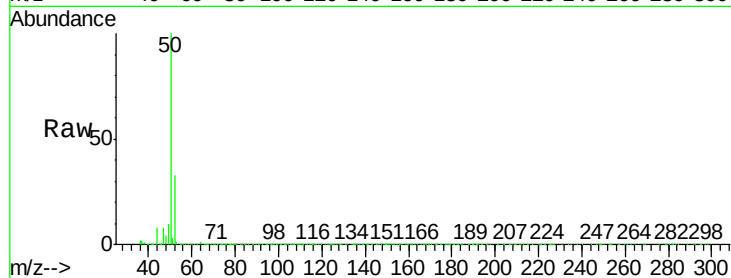
VX1223WBS01

Tgt Ion: 50 Resp: 107806

Ion Ratio Lower Upper

50 100

52 33.1 26.2 39.4



#4

Vinyl Chloride

Concen: 16.612 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014194.D

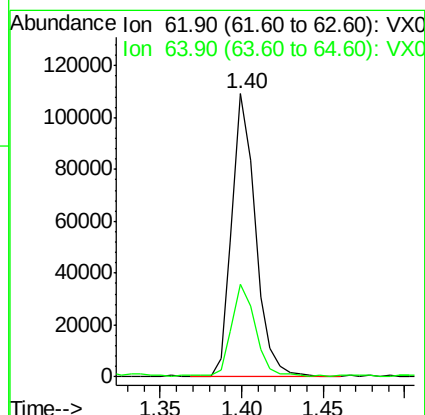
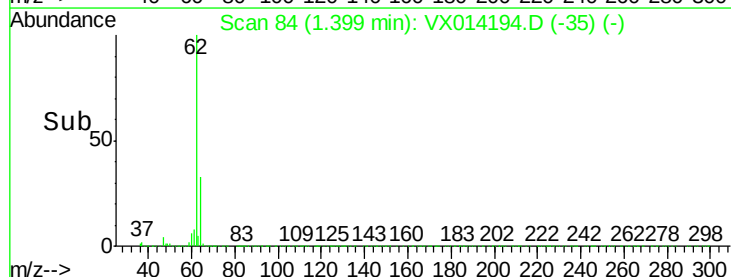
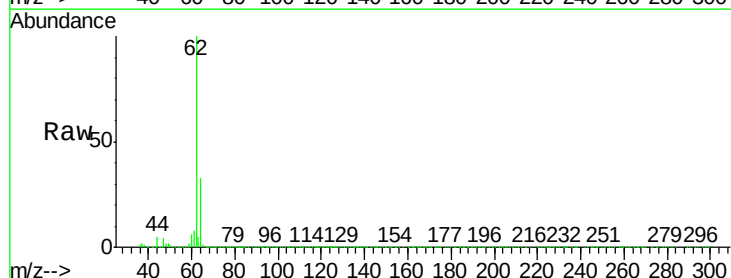
Acq: 23 Dec 2019 11:48

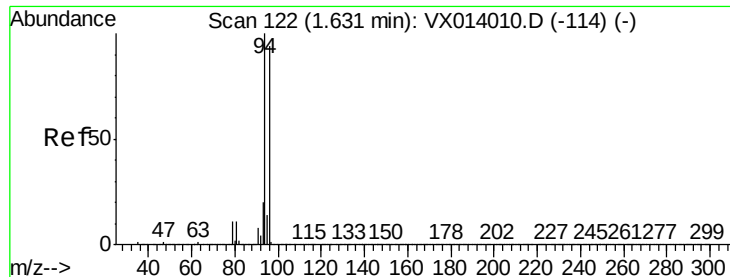
Tgt Ion: 62 Resp: 109623

Ion Ratio Lower Upper

62 100

64 32.4 25.7 38.5





#5

Bromomethane

Concen: 15.359 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

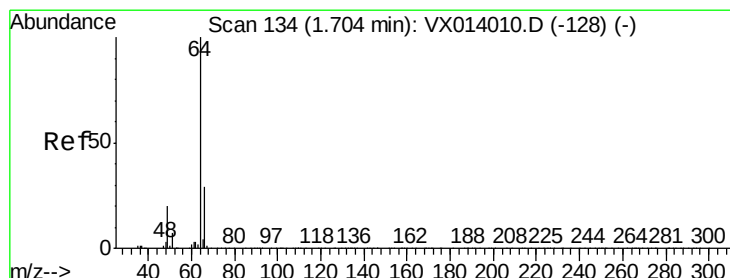
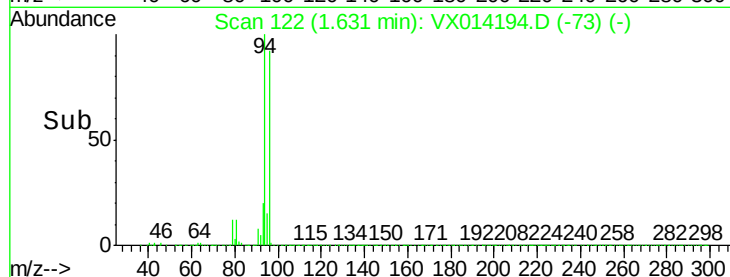
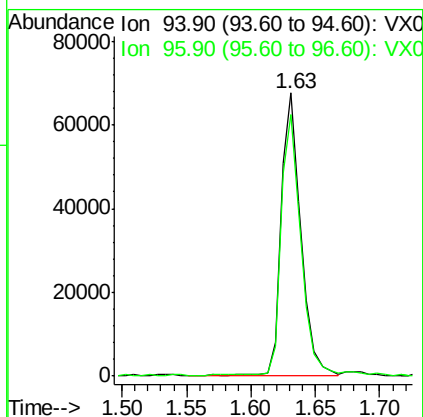
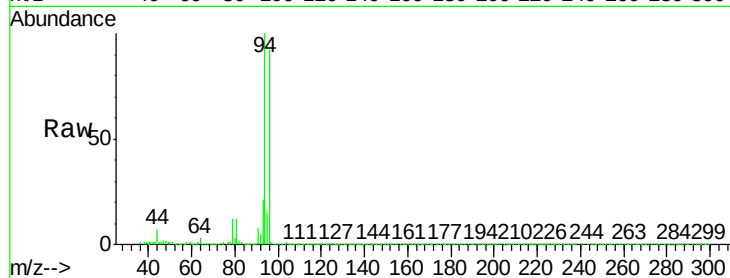
VX1223WBS01

Tgt Ion: 94 Resp: 71936

Ion Ratio Lower Upper

94 100

96 92.2 75.2 112.8



#6

Chloroethane

Concen: 18.084 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014194.D

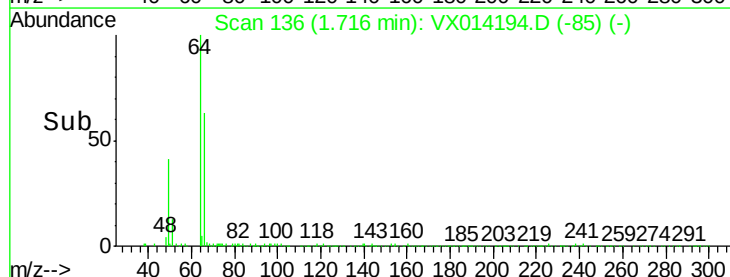
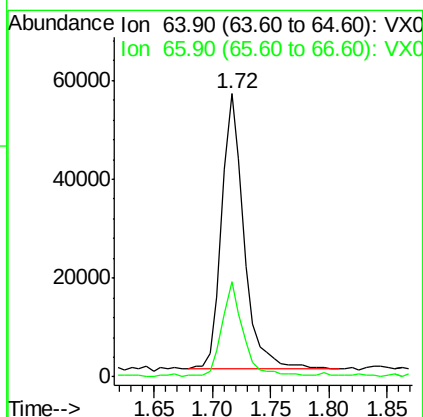
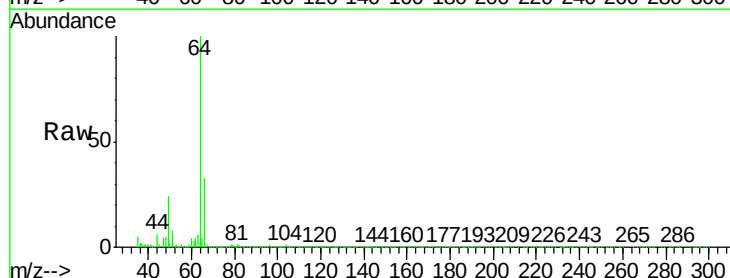
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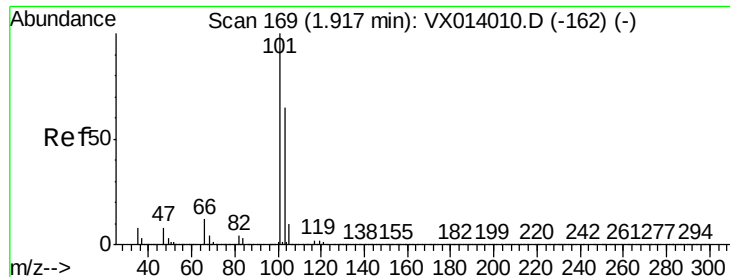
Tgt Ion: 64 Resp: 73653

Ion Ratio Lower Upper

64 100

66 33.9 23.4 35.2



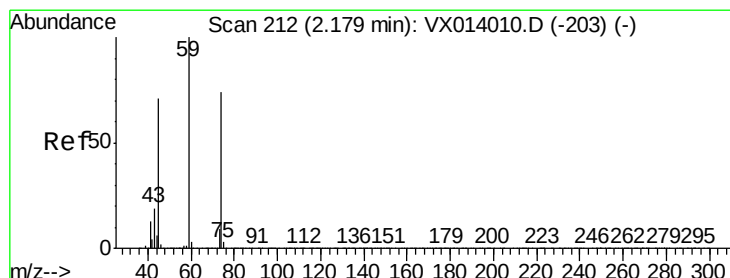
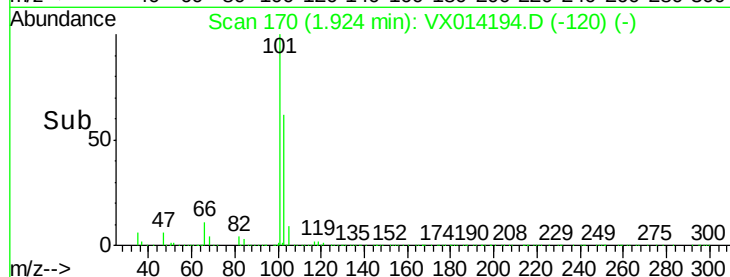
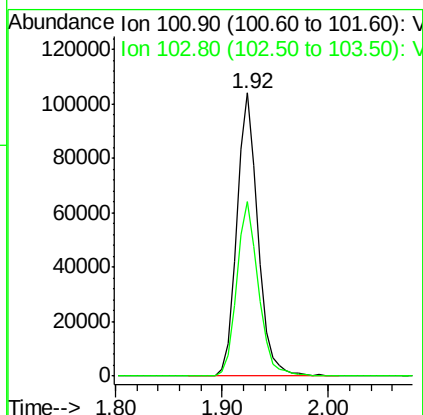
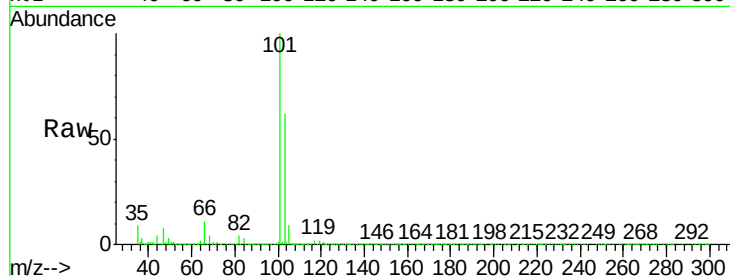


#7

Trichlorofluoromethane
Concen: 17.643 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

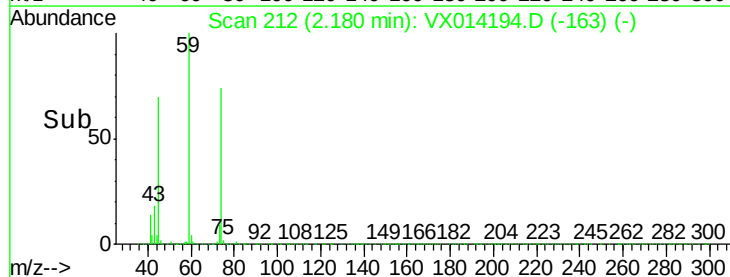
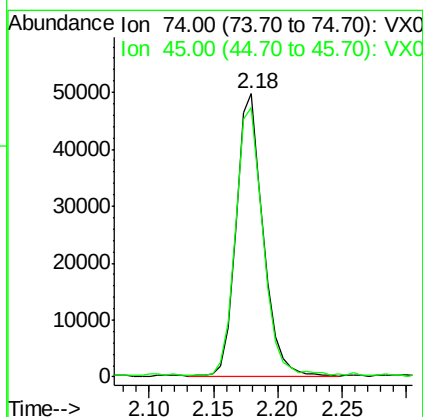
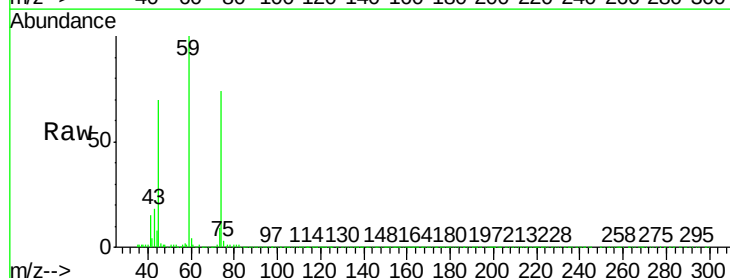
Tgt Ion:101 Resp: 144124
Ion Ratio Lower Upper
101 100
103 61.4 52.2 78.4

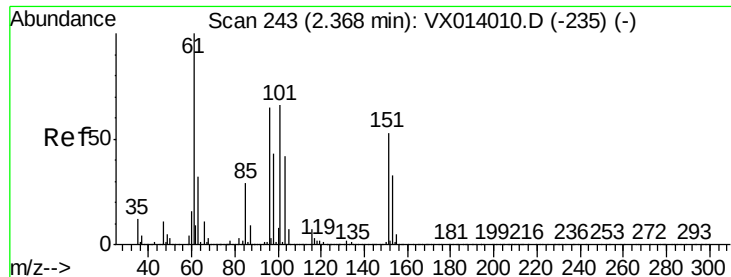


#8

Diethyl Ether
Concen: 18.783 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion: 74 Resp: 72013
Ion Ratio Lower Upper
74 100
45 97.1 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.745 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

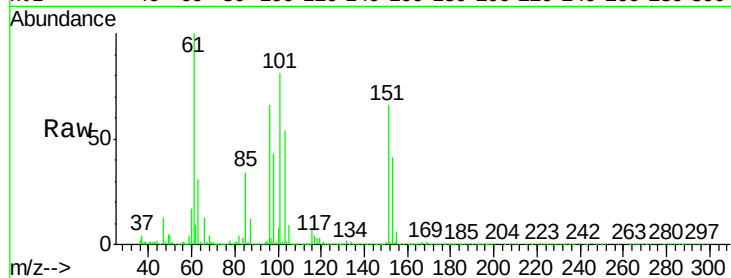
Tgt Ion:101 Resp: 87383

Ion Ratio Lower Upper

101 100

85 41.3 33.7 50.5

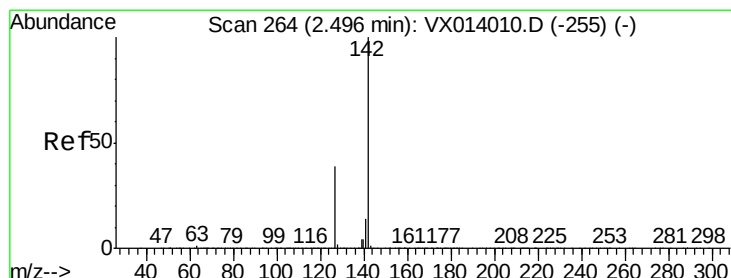
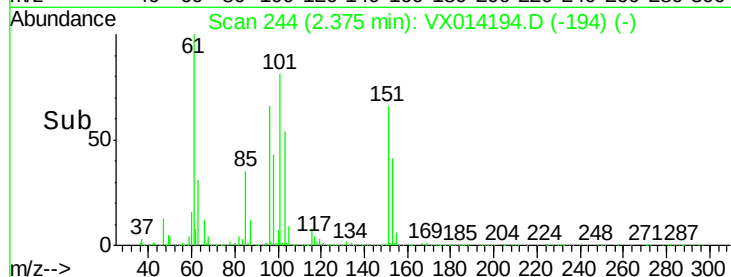
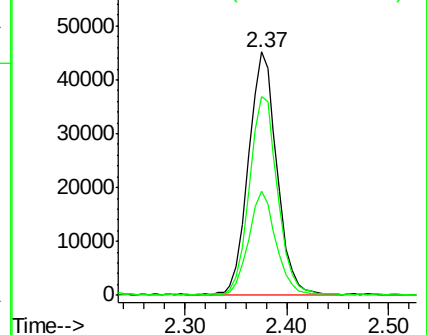
151 82.0 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.016 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

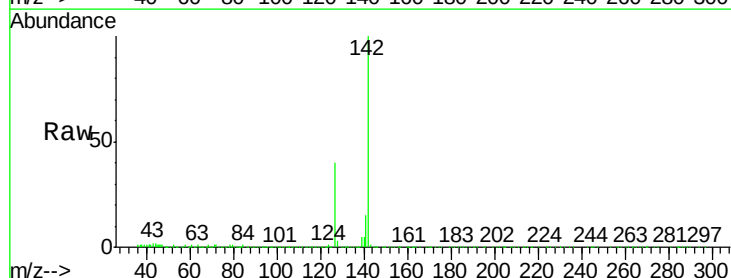
Tgt Ion:142 Resp: 84947

Ion Ratio Lower Upper

142 100

127 40.7 31.6 47.4

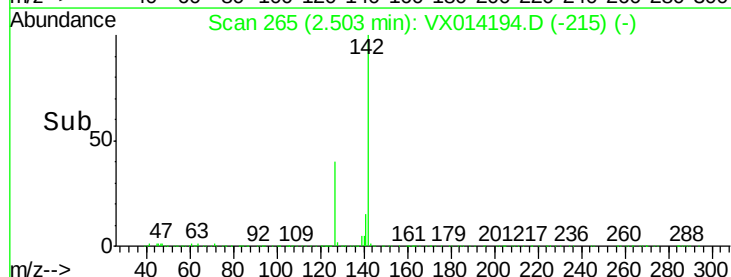
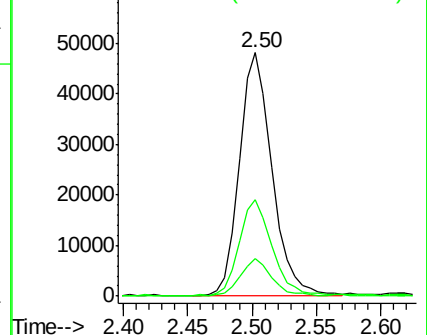
141 14.5 11.6 17.4

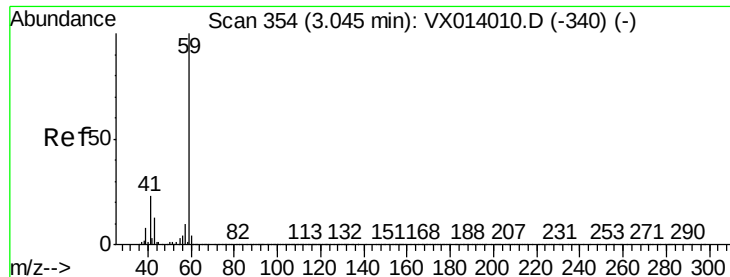


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

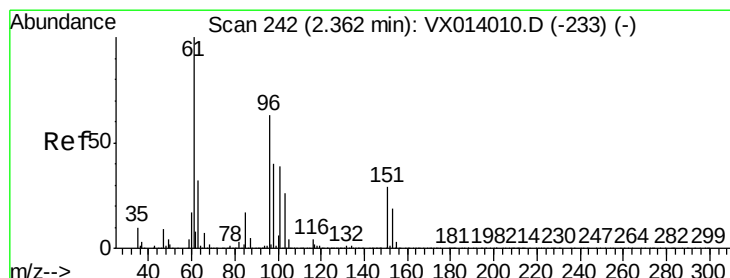
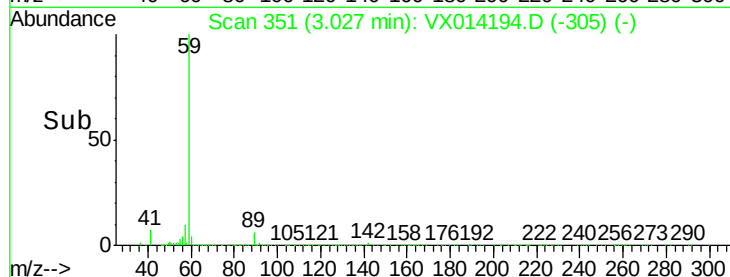
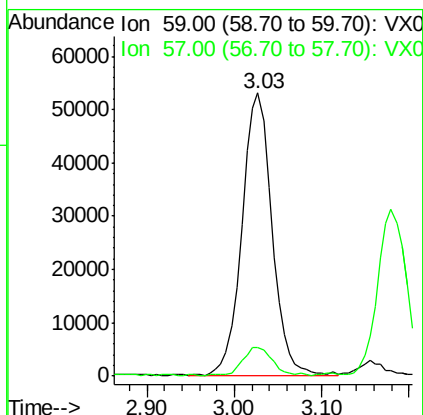
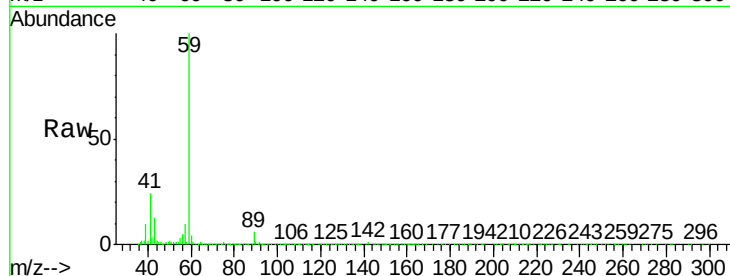




#11
Tert butyl alcohol
Concen: 99.402 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

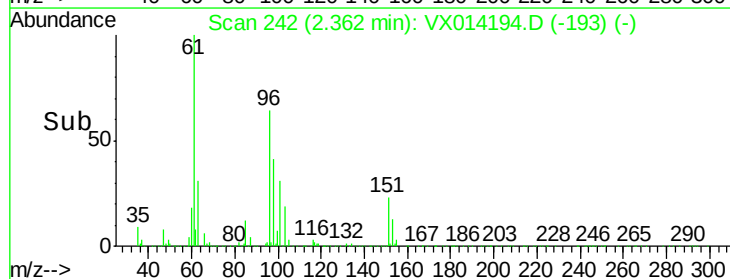
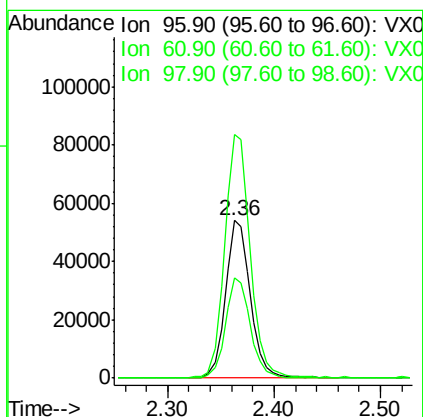
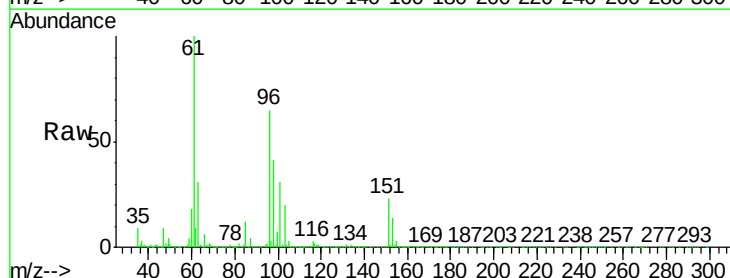
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

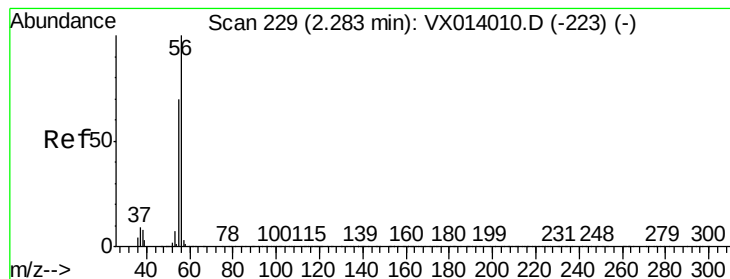
Tgt Ion: 59 Resp: 126804
Ion Ratio Lower Upper
59 100
57 9.5 8.4 12.6



#12
1,1-Dichloroethene
Concen: 17.460 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion: 96 Resp: 87488
Ion Ratio Lower Upper
96 100
61 154.4 127.9 191.9
98 63.3 50.5 75.7





#13

Acrolein

Concen: 100.238 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

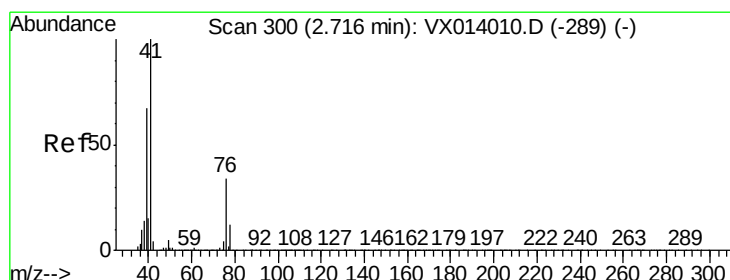
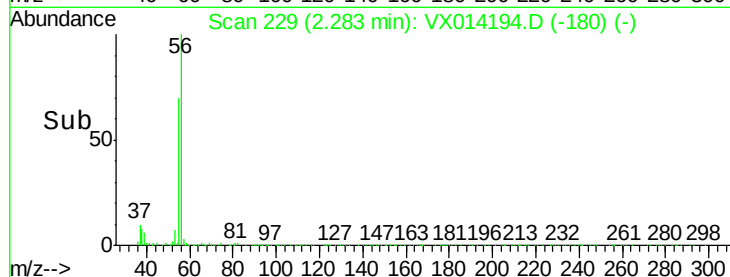
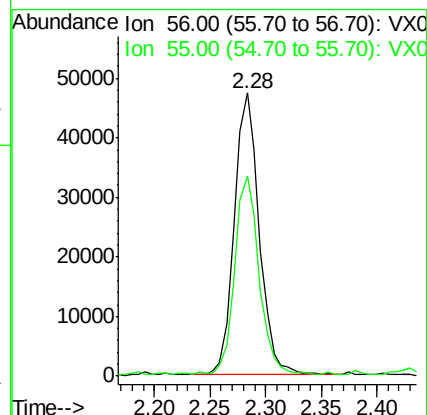
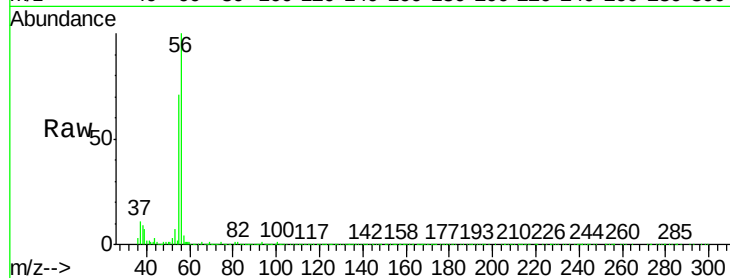
VX1223WBS01

Tgt Ion: 56 Resp: 73197

Ion Ratio Lower Upper

56 100

55 70.1 56.9 85.3



#14

Allyl chloride

Concen: 18.366 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

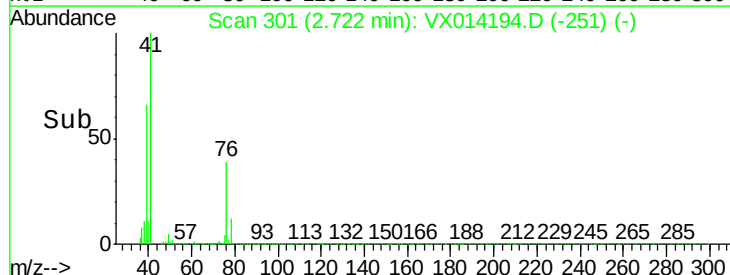
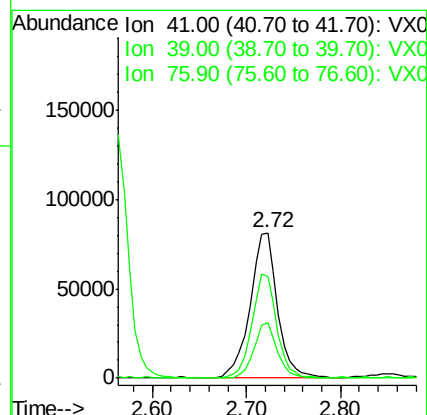
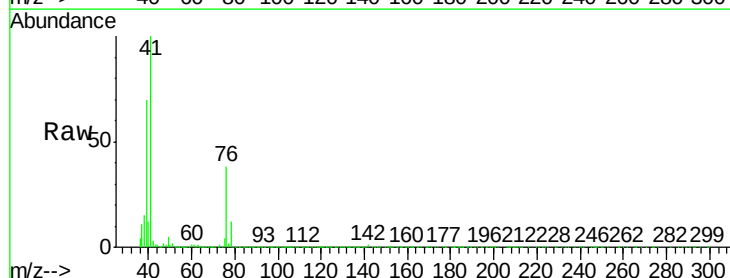
Tgt Ion: 41 Resp: 164316

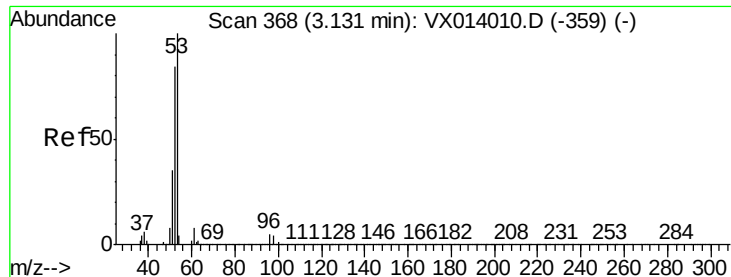
Ion Ratio Lower Upper

41 100

39 64.7 51.8 77.8

76 33.1 25.9 38.9





#15

Acrylonitrile

Concen: 96.636 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

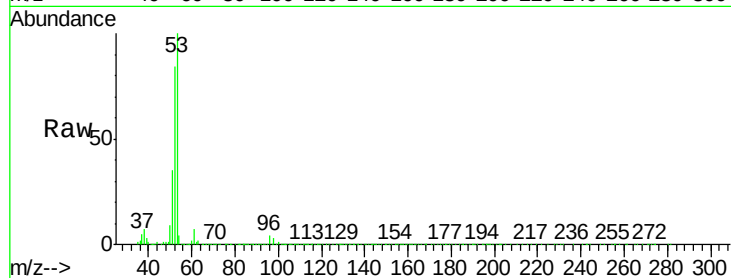
Tgt Ion: 53 Resp: 287734

Ion Ratio Lower Upper

53 100

52 83.1 66.5 99.7

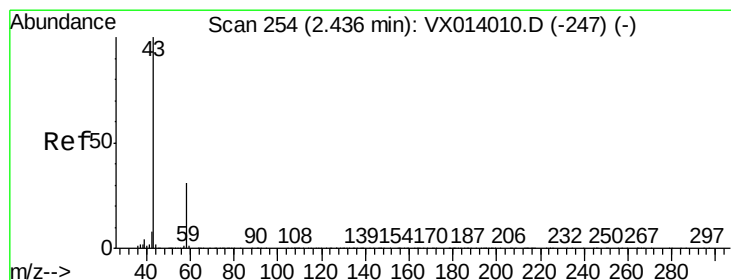
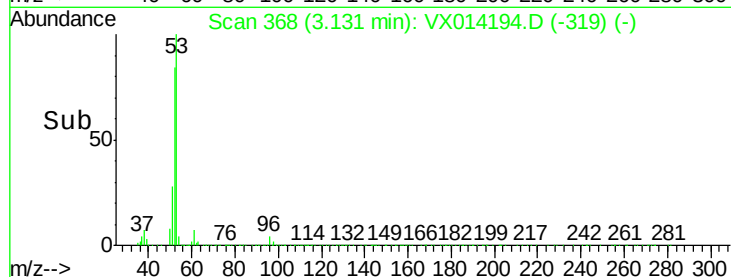
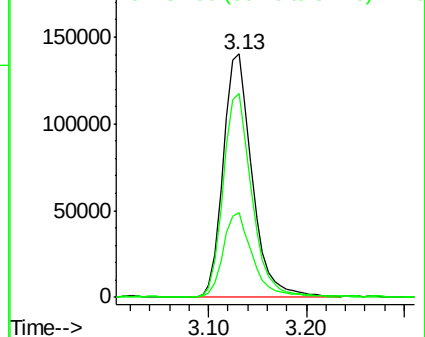
51 34.9 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 90.005 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014194.D

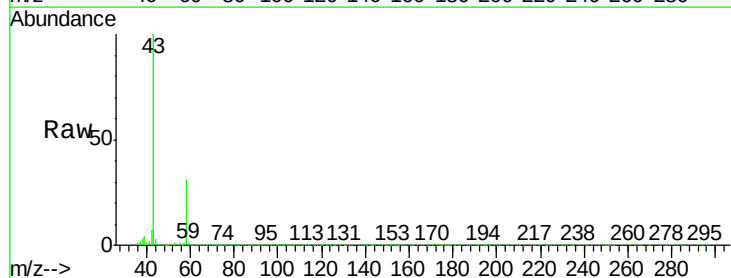
Acq: 23 Dec 2019 11:48

Tgt Ion: 43 Resp: 344971

Ion Ratio Lower Upper

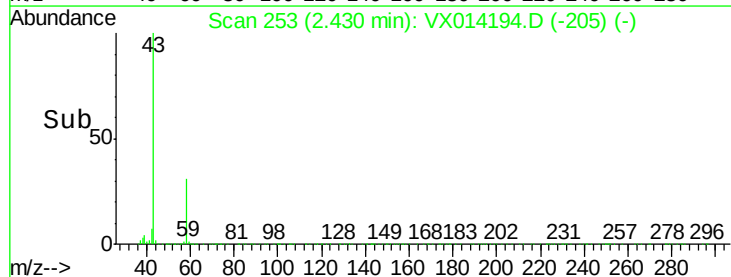
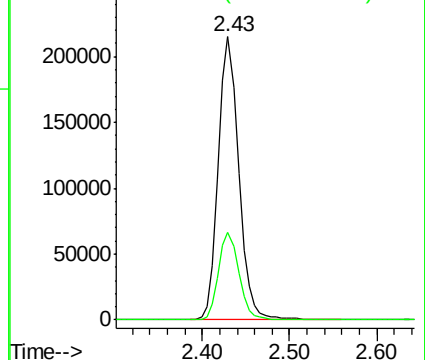
43 100

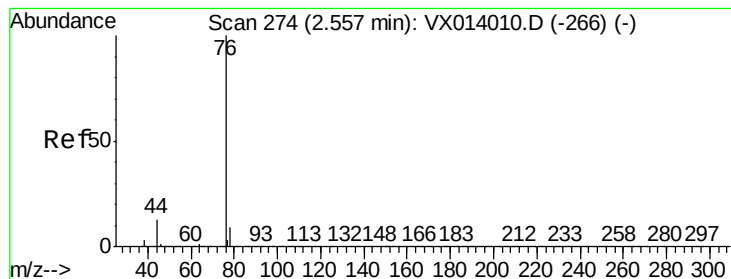
58 30.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.780 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

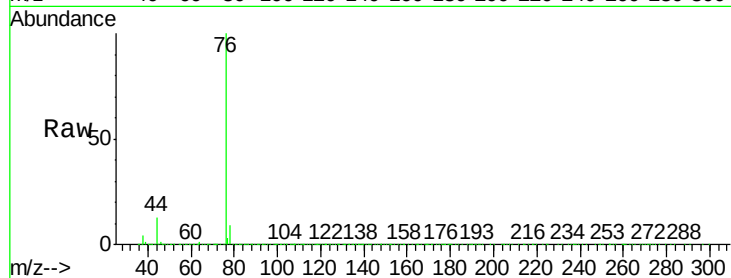
VX1223WBS01

Tgt Ion: 76 Resp: 226387

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

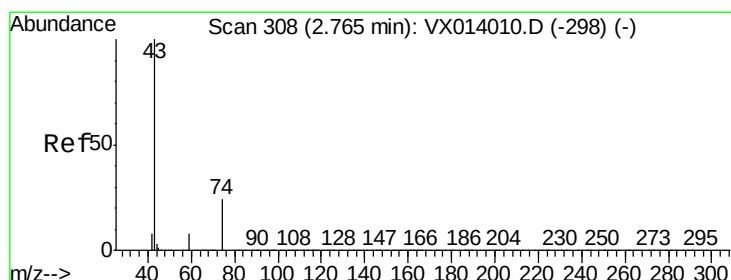
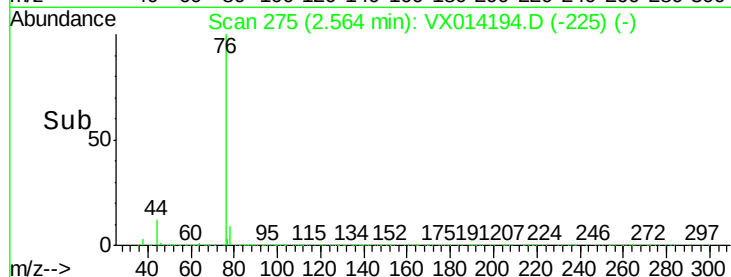
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 19.670 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014194.D

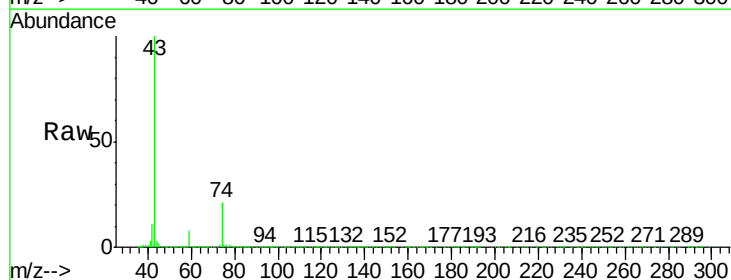
Acq: 23 Dec 2019 11:48

Tgt Ion: 43 Resp: 149389

Ion Ratio Lower Upper

43 100

74 22.8 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

100000

80000

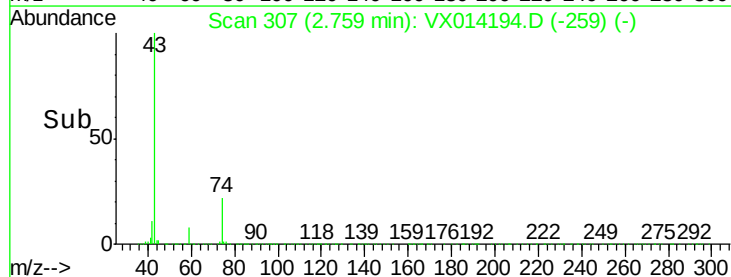
60000

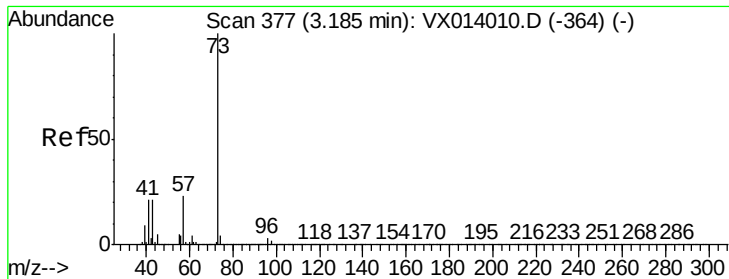
40000

20000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 19.676 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

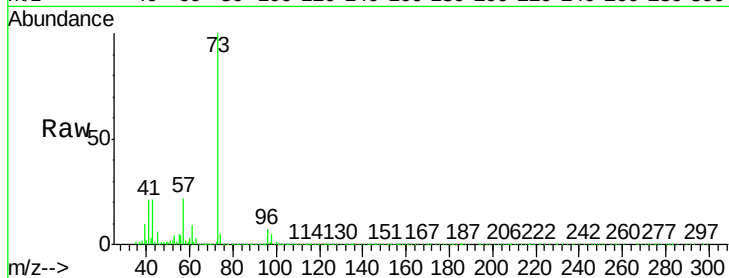
VX1223WBS01

Tgt Ion: 73 Resp: 323971

Ion Ratio Lower Upper

73 100

57 21.8 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.18

150000

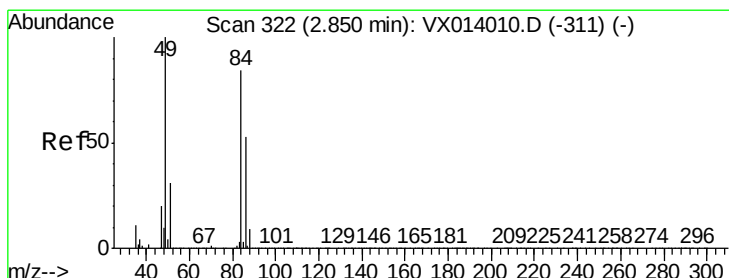
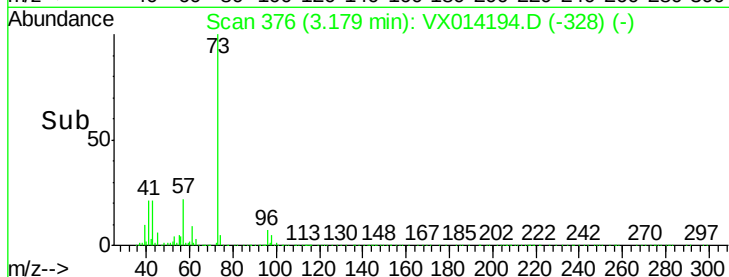
100000

50000

0

Time-->

3.10 3.20 3.30



#20

Methylene Chloride

Concen: 18.154 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Tgt Ion: 84 Resp: 109573

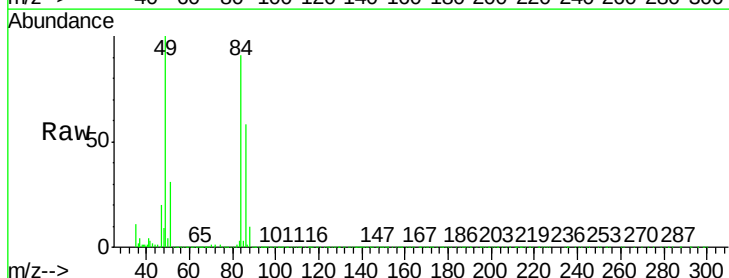
Ion Ratio Lower Upper

84 100

49 109.9 95.8 143.6

51 34.0 29.8 44.8

86 63.9 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

100000

80000

60000

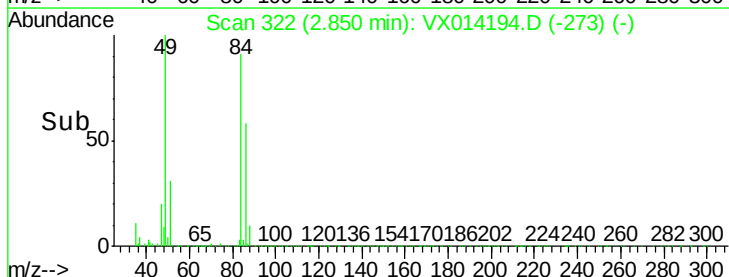
40000

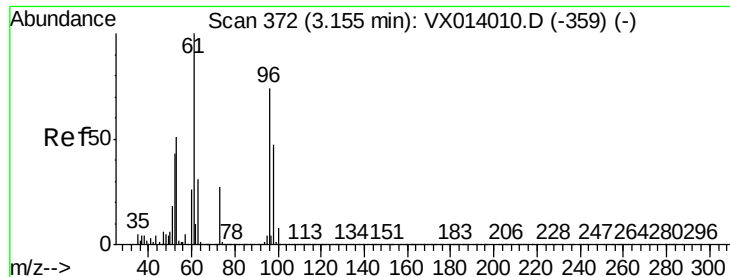
20000

0

Time-->

2.80 2.90





#21

trans-1,2-Dichloroethene

Concen: 17.846 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

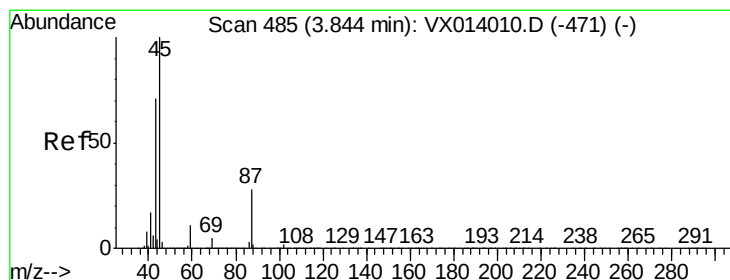
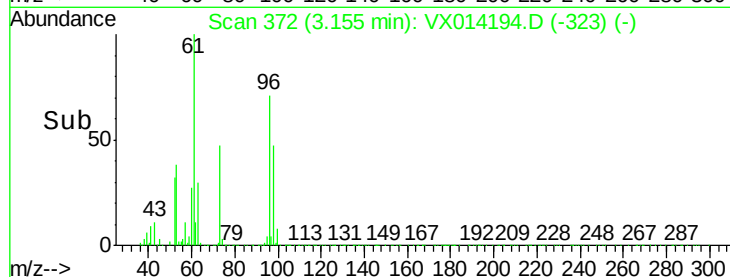
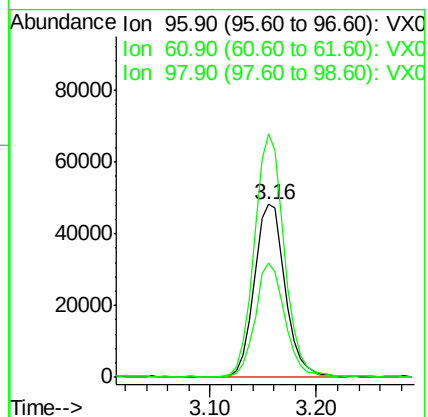
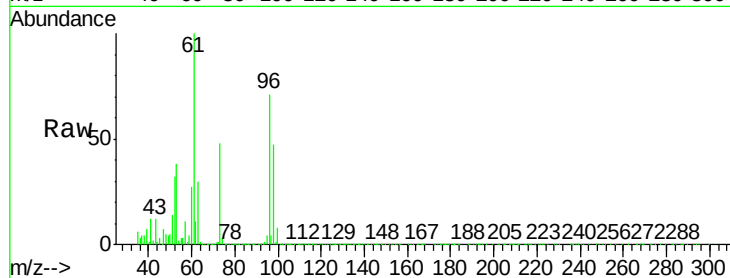
Tgt Ion: 96 Resp: 98517

Ion Ratio Lower Upper

96 100

61 140.5 108.3 162.5

98 65.5 50.8 76.2



#22

Diisopropyl ether

Concen: 19.491 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Tgt Ion: 45 Resp: 347487

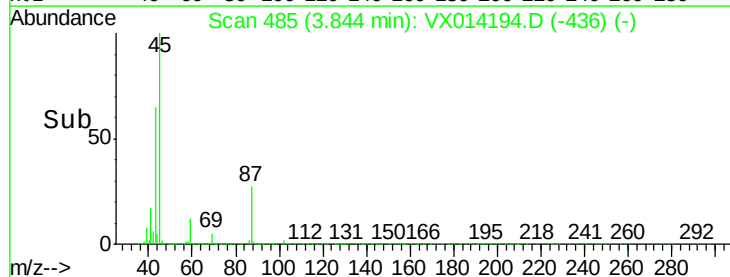
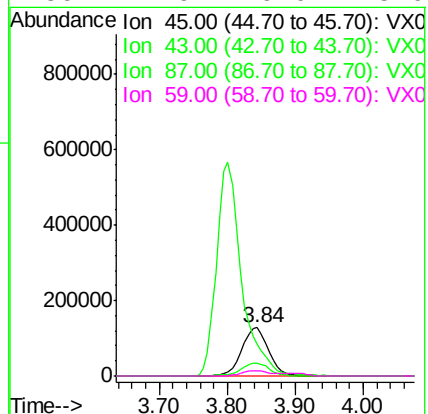
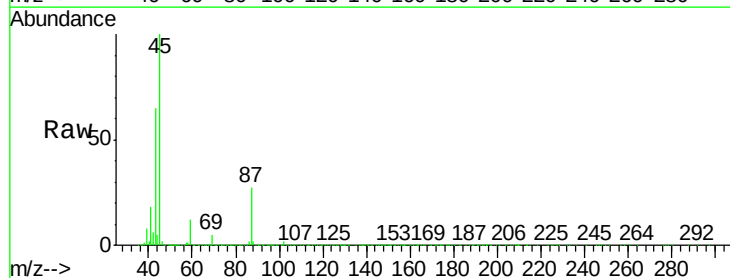
Ion Ratio Lower Upper

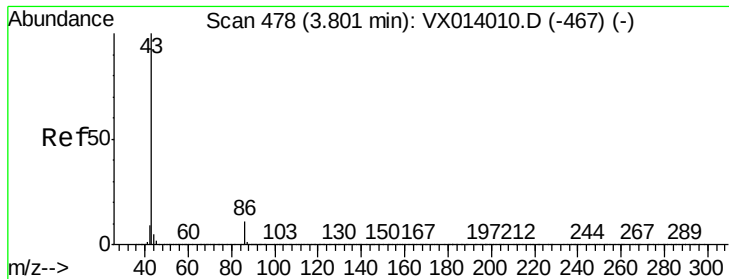
45 100

43 64.8 57.4 86.0

87 26.8 21.9 32.9

59 11.9 9.0 13.6





#23

Vinyl Acetate

Concen: 100.553 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

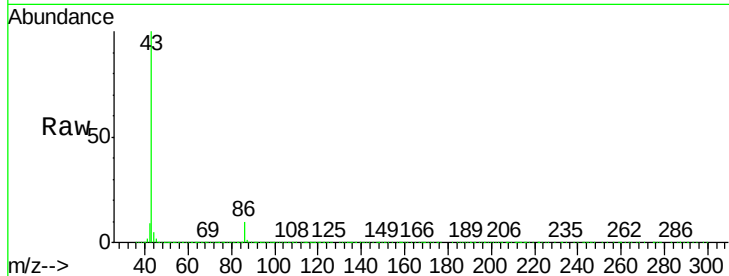
VX1223WBS01

Tgt Ion: 43 Resp: 1462949

Ion Ratio Lower Upper

43 100

86 10.4 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

600000

500000

400000

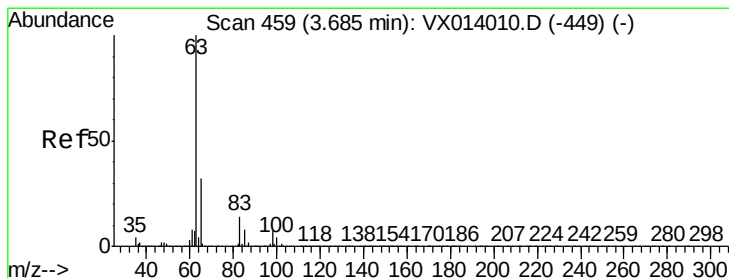
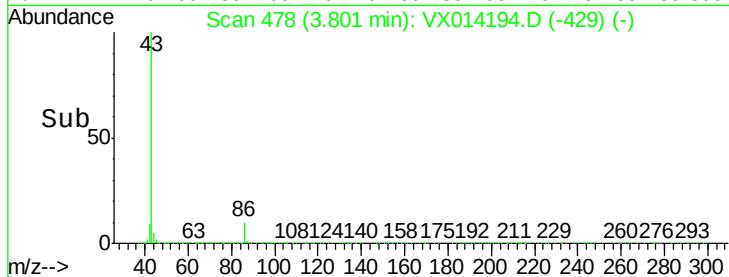
300000

200000

100000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 18.285 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

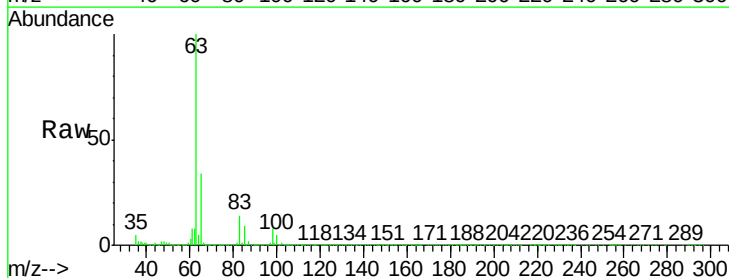
Tgt Ion: 63 Resp: 181371

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 5.1 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

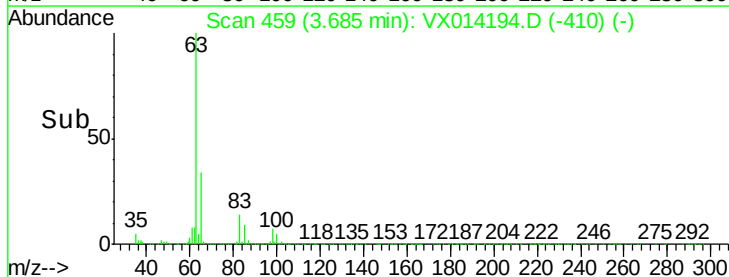
60000

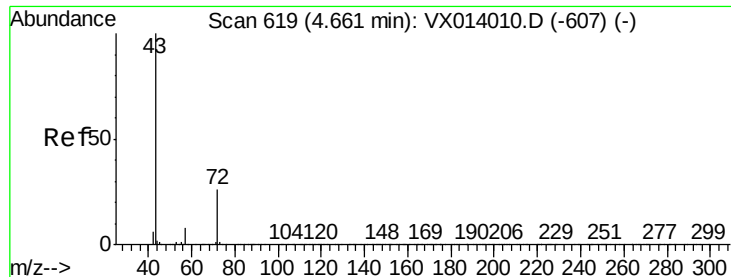
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 94.359 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampled :

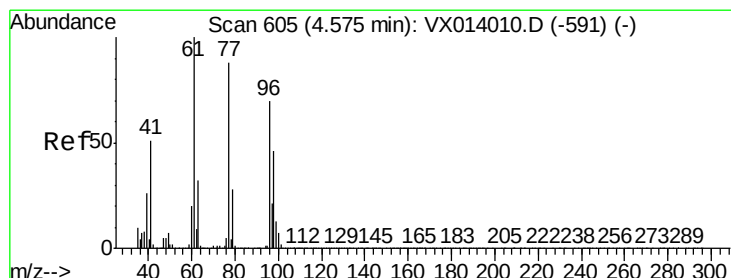
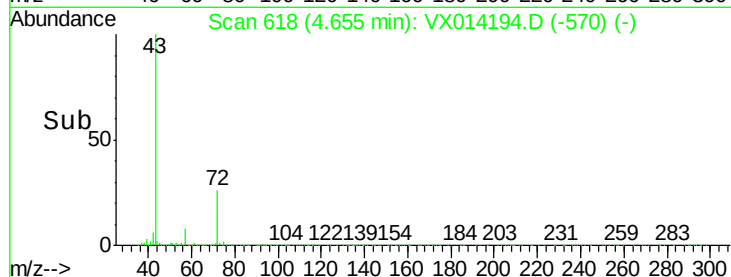
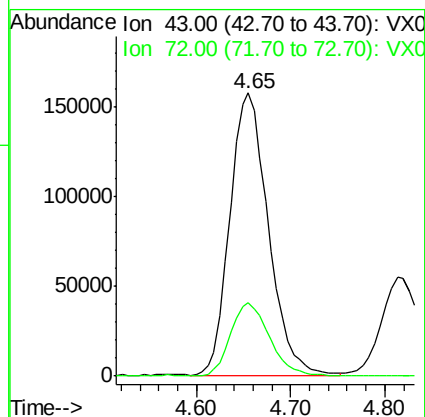
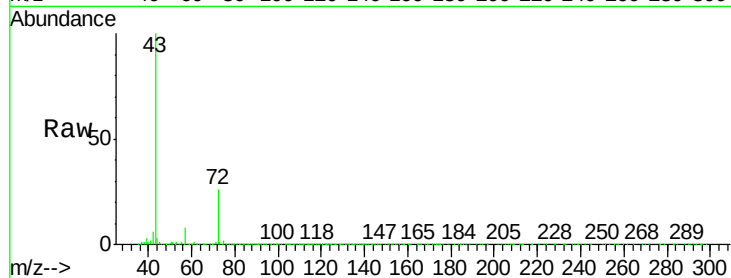
VX1223WBS01

Tgt Ion: 43 Resp: 445882

Ion Ratio Lower Upper

43 100

72 26.0 21.0 31.4



#26

2,2-Dichloropropane

Concen: 18.825 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014194.D

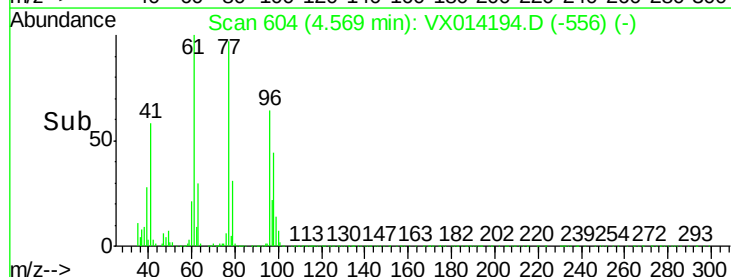
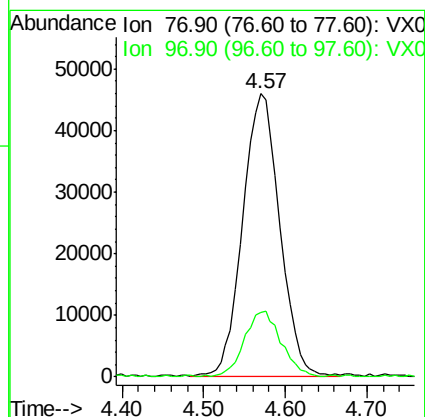
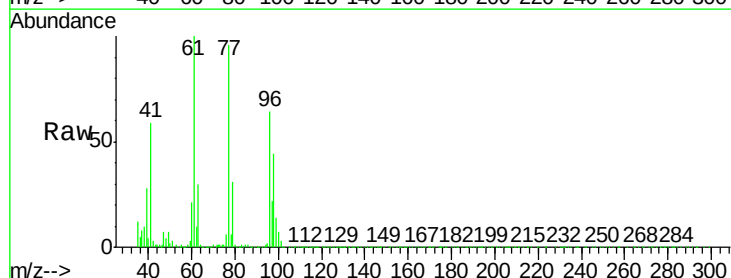
Acq: 23 Dec 2019 11:48

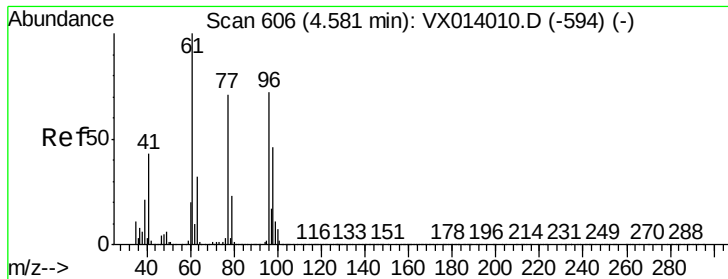
Tgt Ion: 77 Resp: 144974

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.9



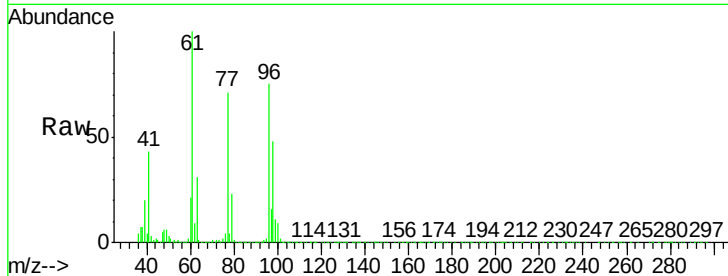


#27

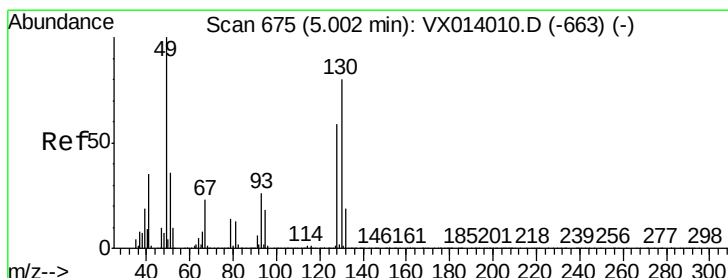
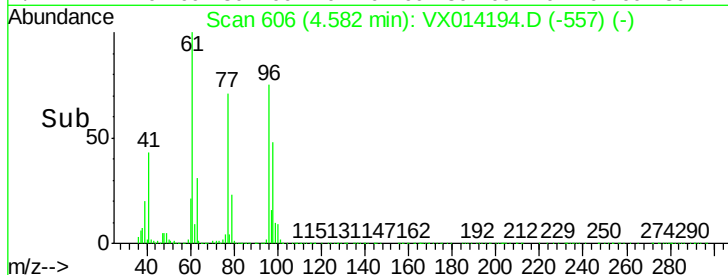
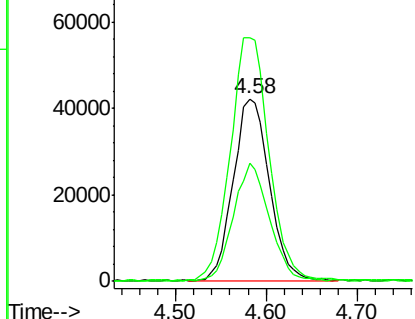
cis-1,2-Dichloroethene
Concen: 18.647 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	288.4
98	63.9	0.0	129.6



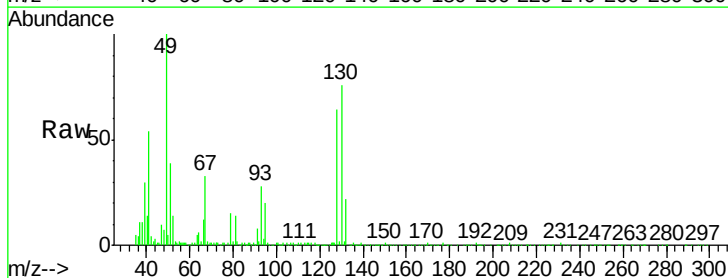
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



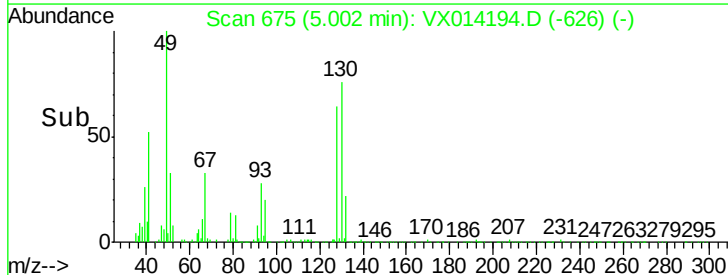
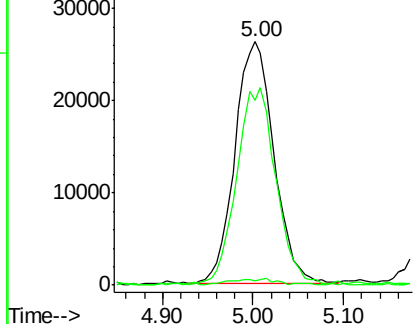
#28

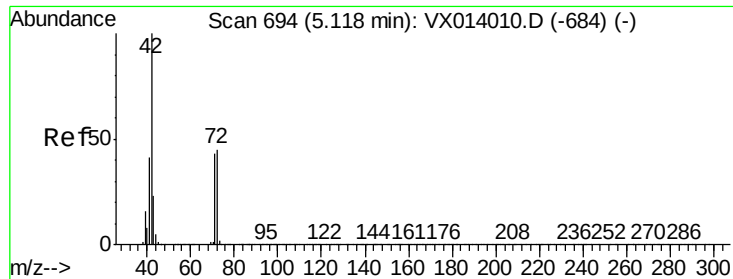
Bromochloromethane
Concen: 20.820 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	5.0
130	82.1	64.6	97.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 97.575 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampled :

VX1223WBS01

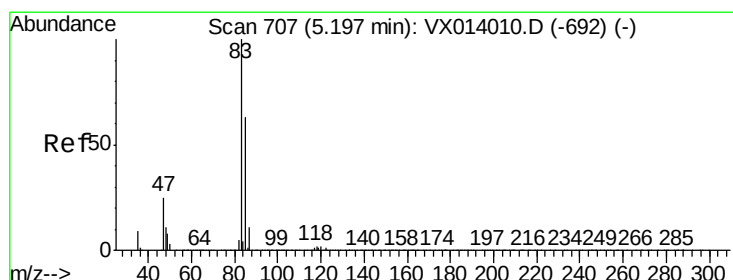
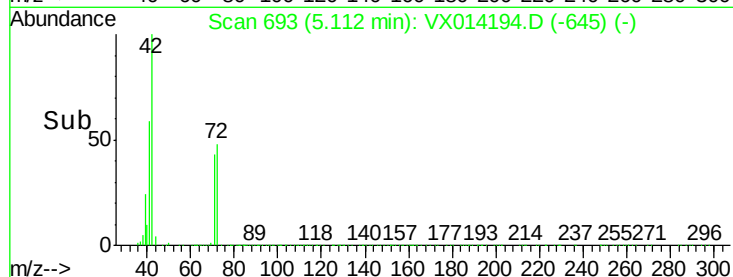
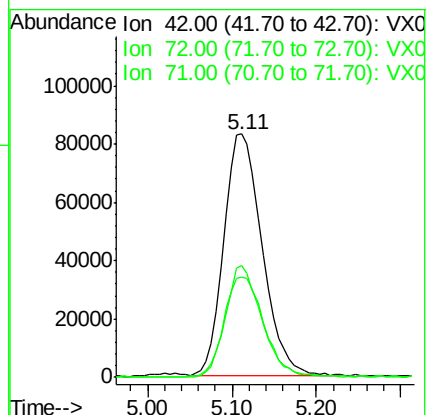
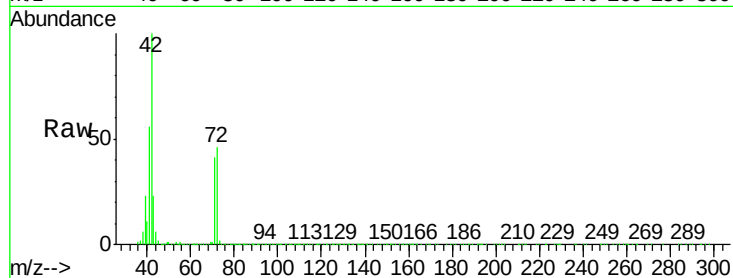
Tgt Ion: 42 Resp: 257894

Ion Ratio Lower Upper

42 100

72 44.4 35.8 53.8

71 41.8 33.6 50.4



#30

Chloroform

Concen: 18.814 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX014194.D

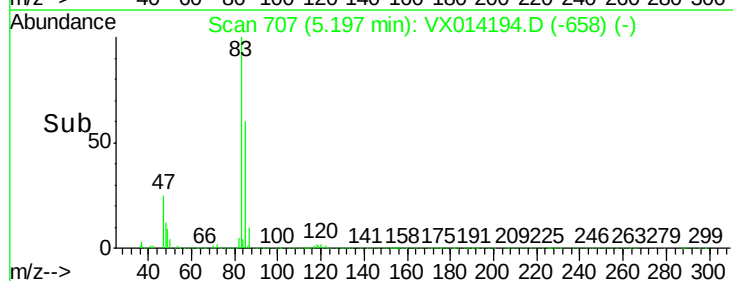
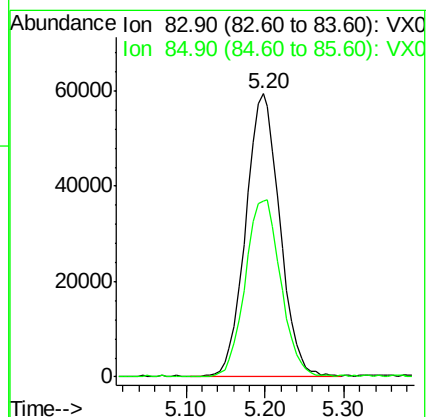
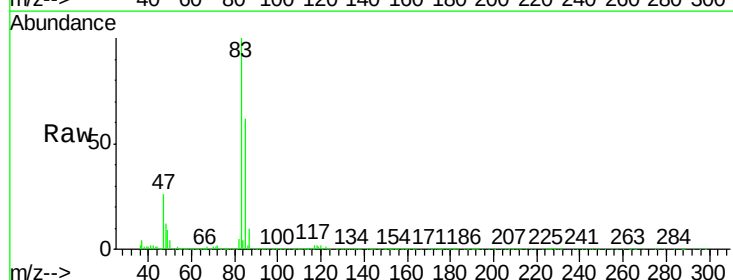
Acq: 23 Dec 2019 11:48

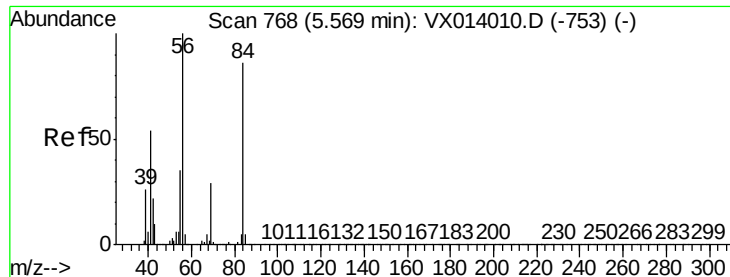
Tgt Ion: 83 Resp: 176905

Ion Ratio Lower Upper

83 100

85 62.1 50.8 76.2

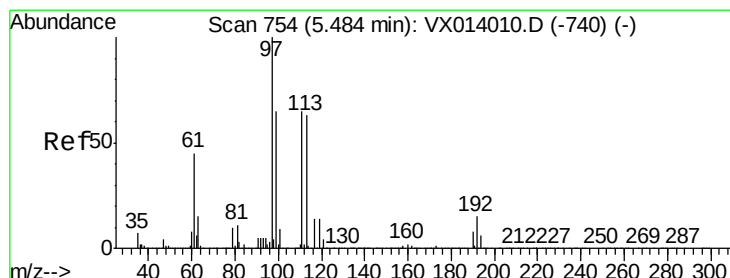
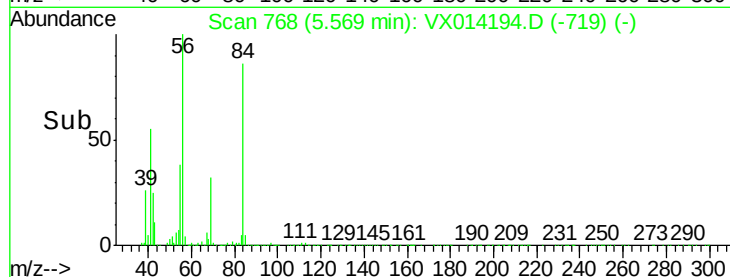
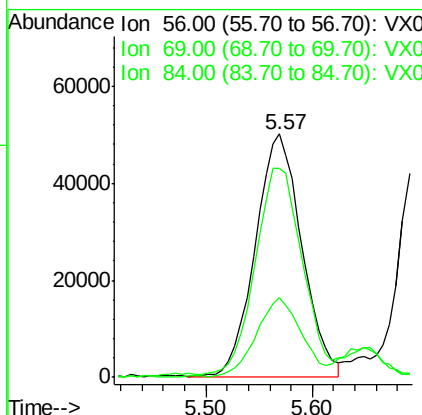
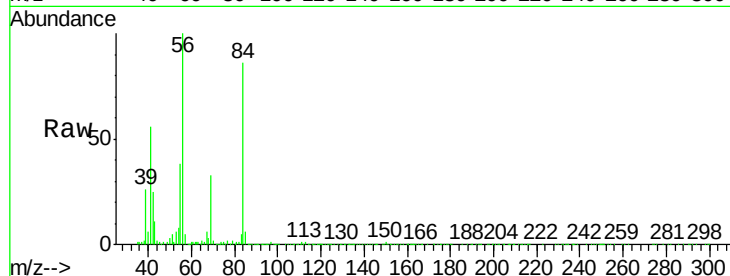




#31
Cyclohexane
Concen: 17.263 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

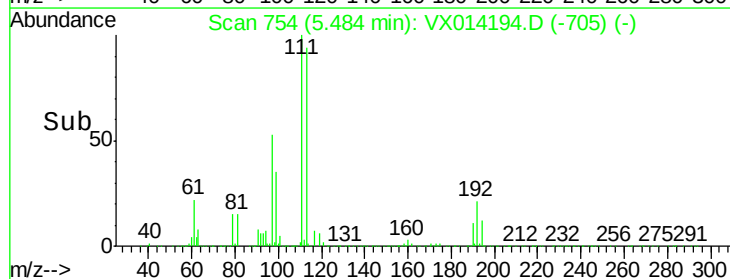
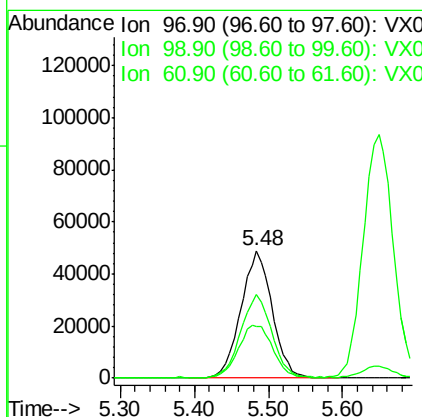
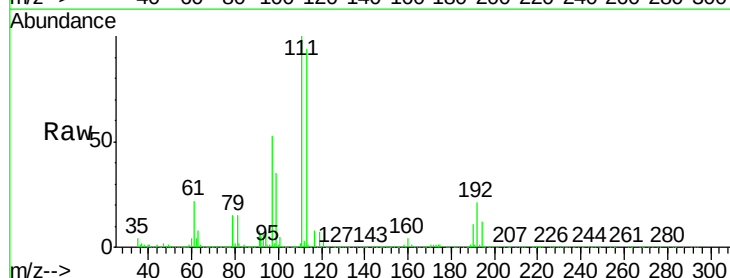
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

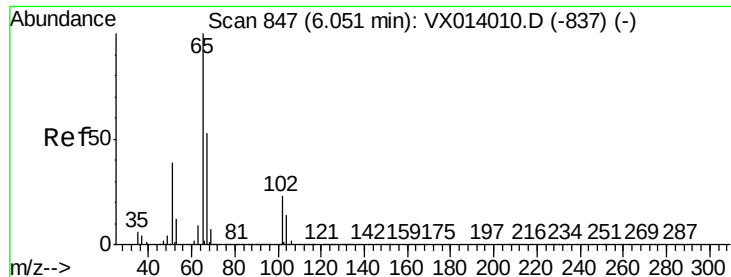
Tgt Ion: 56 Resp: 152297
Ion Ratio Lower Upper
56 100
69 32.1 23.2 34.8
84 83.9 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 17.791 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion: 97 Resp: 142579
Ion Ratio Lower Upper
97 100
99 65.3 52.0 78.0
61 45.7 36.7 55.1

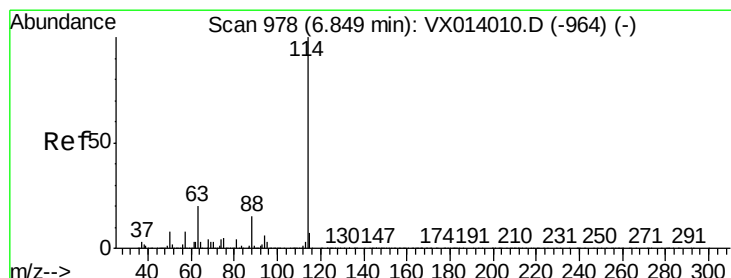
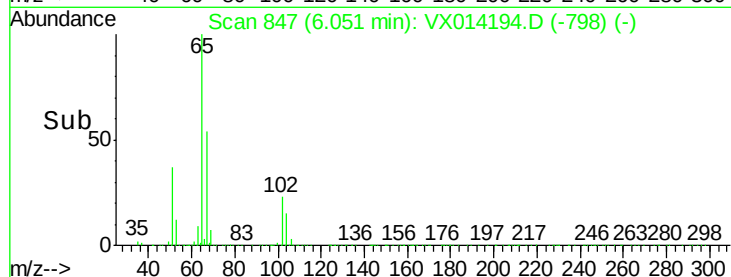
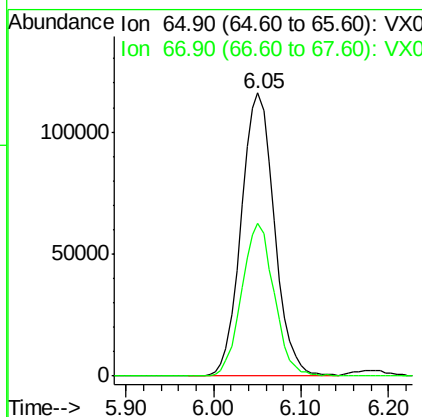
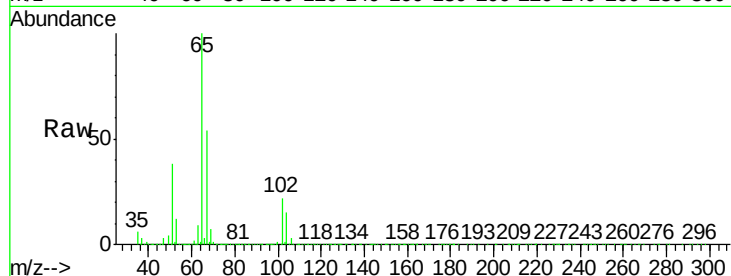




#33
 1,2-Dichloroethane-d4
 Concen: 51.730 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014194.D
 Acq: 23 Dec 2019 11:48

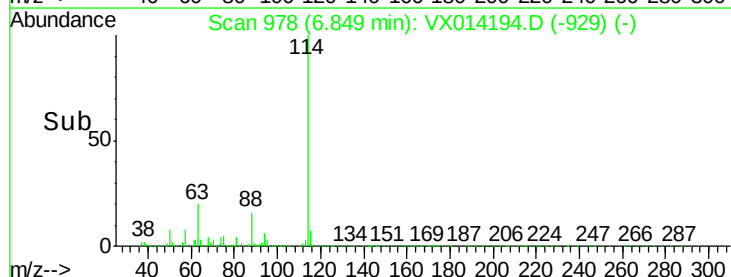
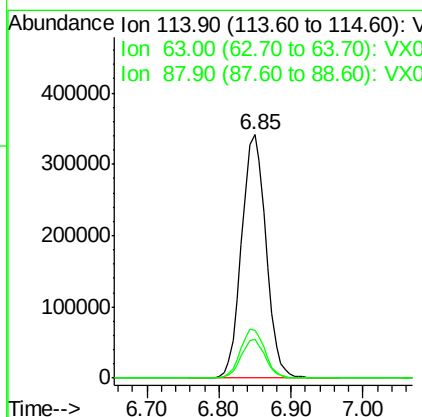
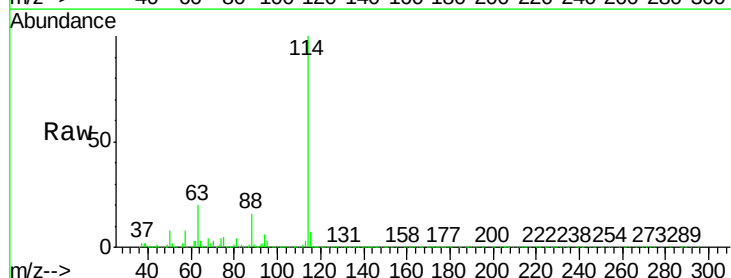
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBS01

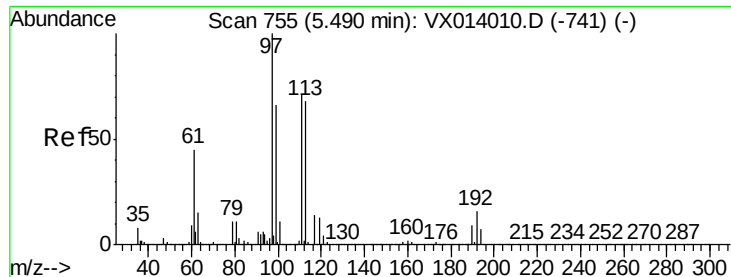
Tgt Ion: 65 Resp: 305404
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014194.D
 Acq: 23 Dec 2019 11:48

Tgt Ion: 114 Resp: 804560
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.8
 88 15.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.821 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

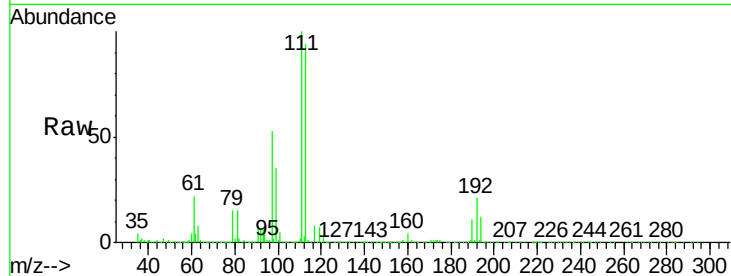
Tgt Ion: 113 Resp: 248557

Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

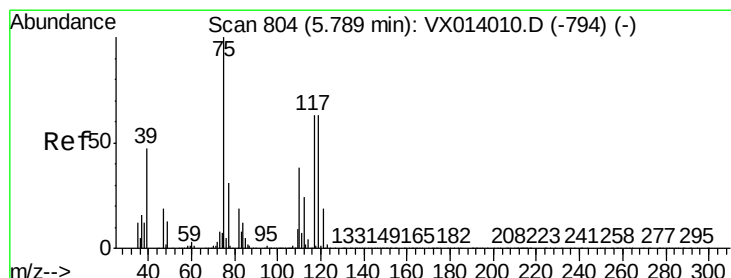
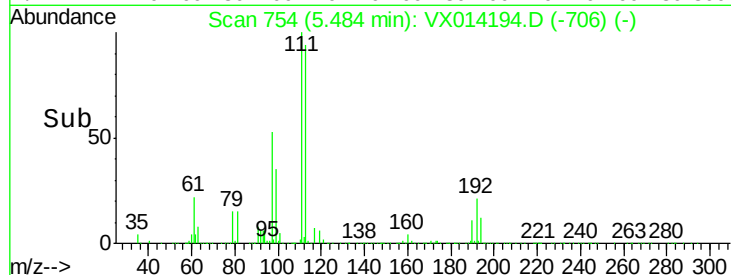
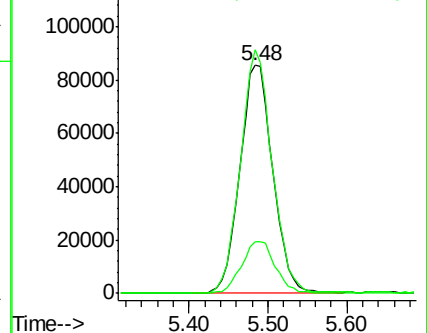
192 23.2 19.3 28.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.246 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

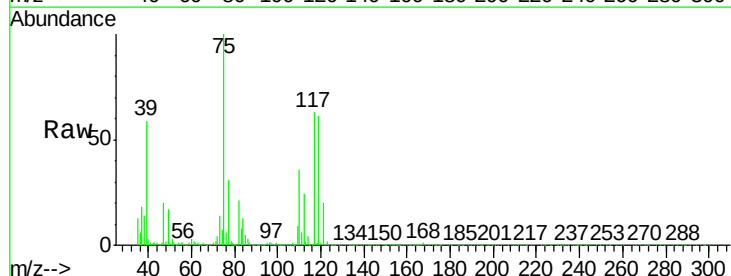
Tgt Ion: 75 Resp: 127312

Ion Ratio Lower Upper

75 100

110 36.8 18.3 54.9

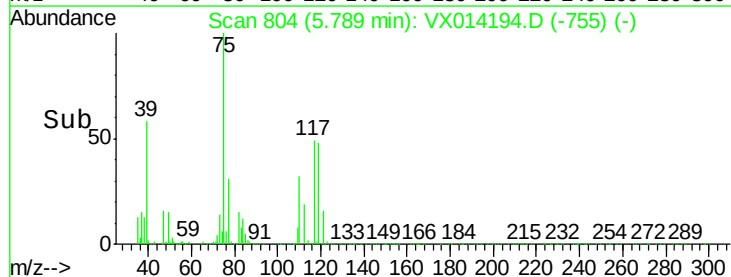
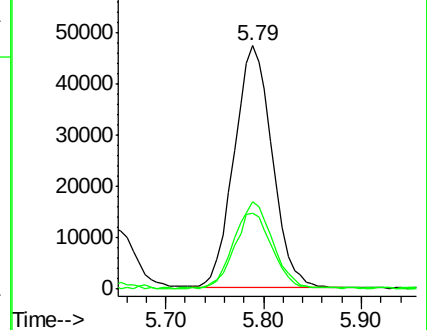
77 31.1 24.8 37.2

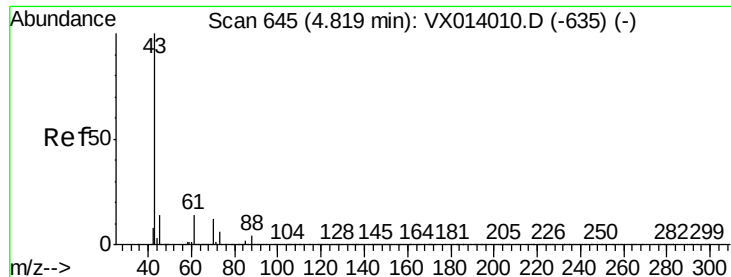


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

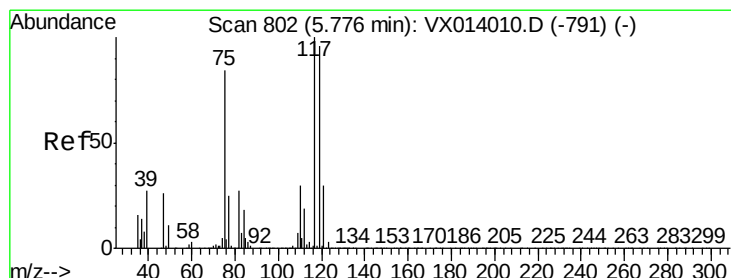
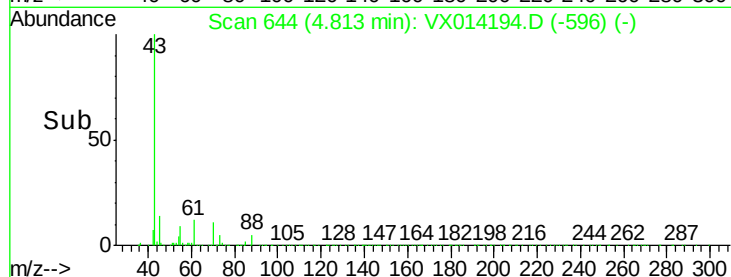
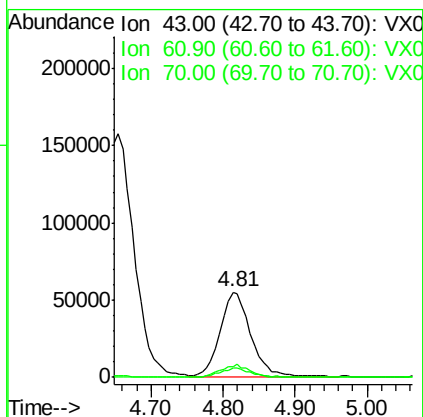
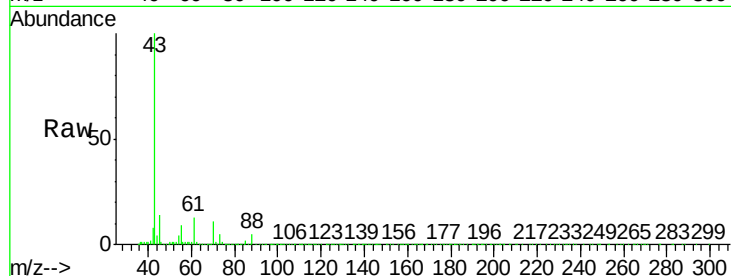




#37
Ethyl Acetate
Concen: 19.586 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

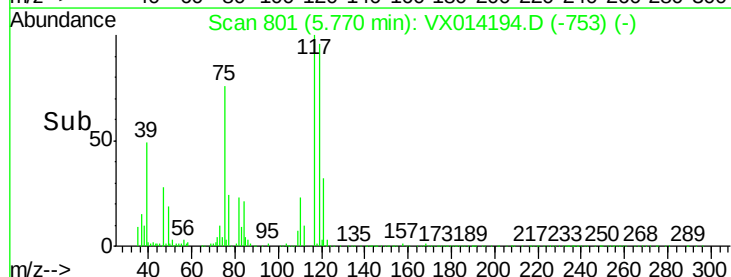
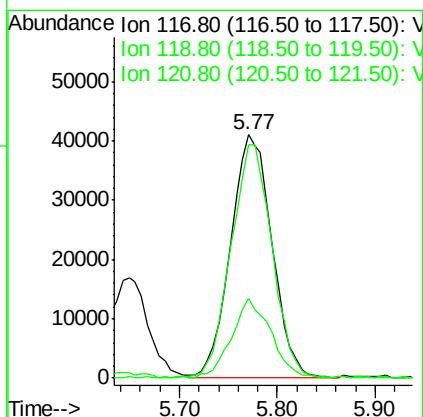
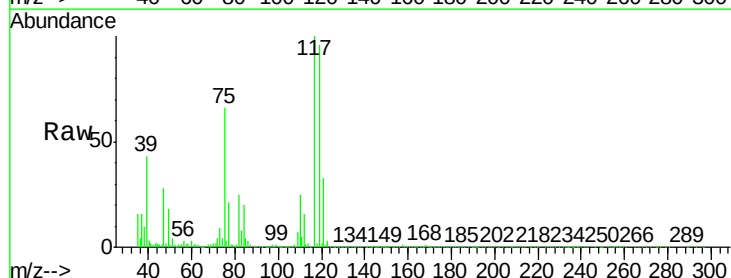
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

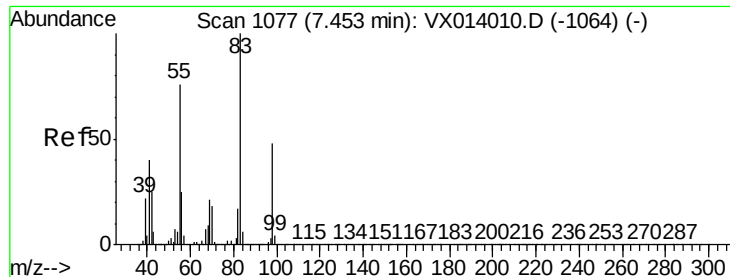
Tgt Ion: 43 Resp: 159668
Ion Ratio Lower Upper
43 100
61 13.4 10.8 16.2
70 10.8 8.6 12.8



#38
Carbon Tetrachloride
Concen: 17.787 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion: 117 Resp: 119620
Ion Ratio Lower Upper
117 100
119 95.5 76.2 114.4
121 32.3 23.6 35.4

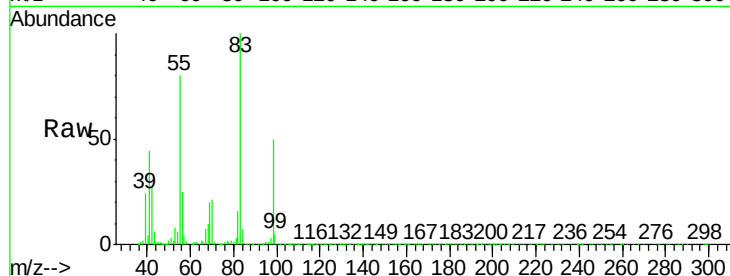




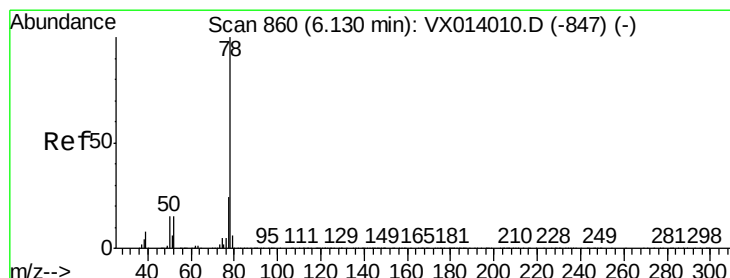
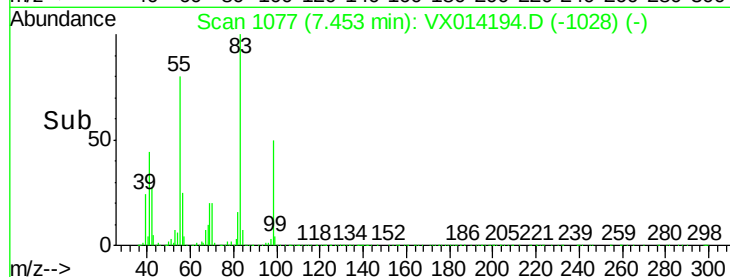
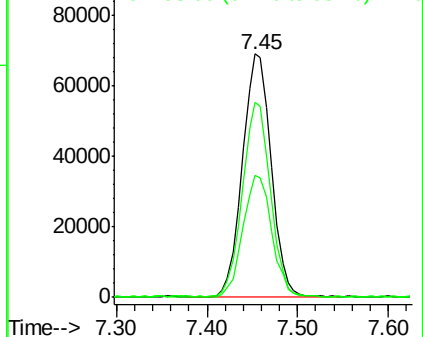
#39
Methylcyclohexane
Concen: 16.697 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.4	61.0	91.6
98	50.1	38.6	57.8

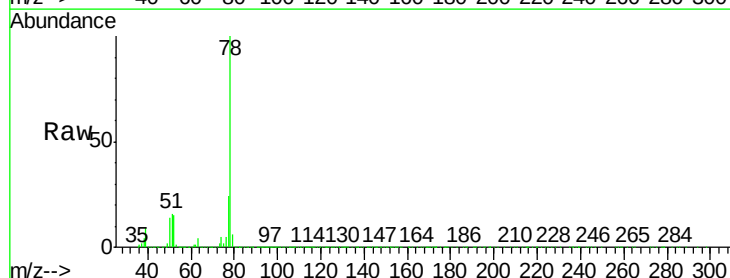


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

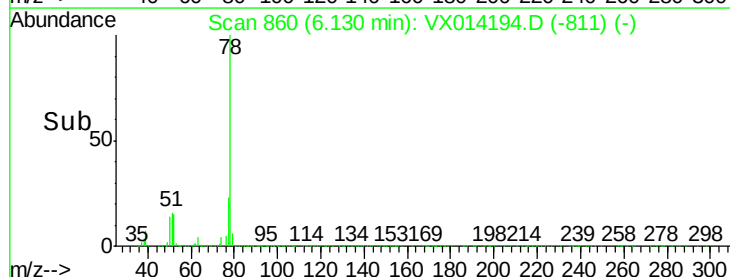
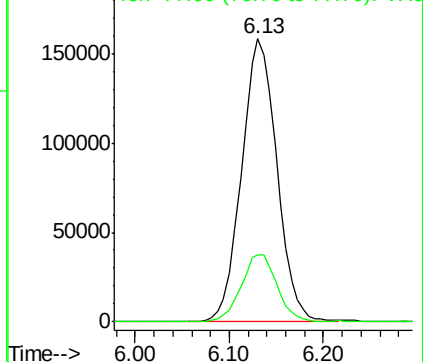


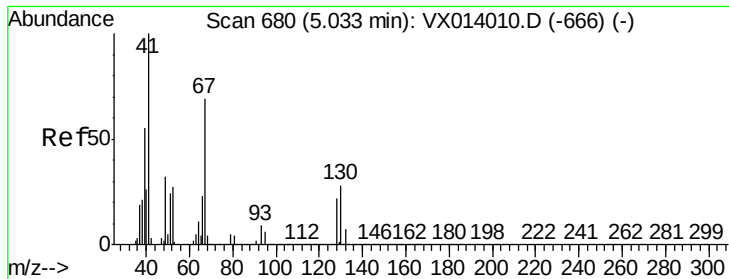
#40
Benzene
Concen: 18.113 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 19.316 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampled :

VX1223WBS01

Tgt Ion: 41 Resp: 87372

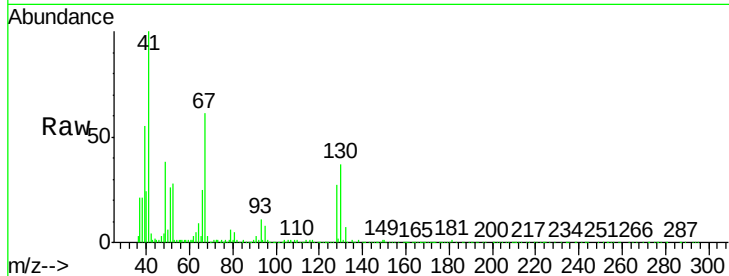
Ion Ratio Lower Upper

41 100

39 54.1 44.5 66.7

67 72.3 57.4 86.0

52 30.4 23.0 34.4

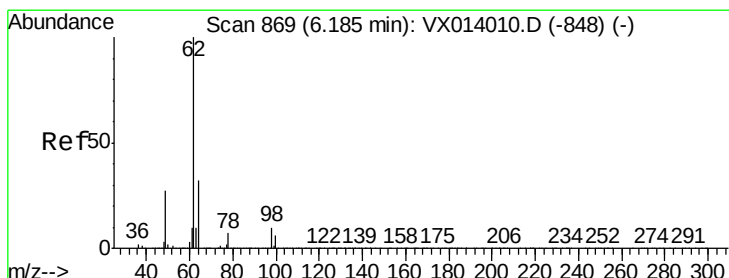
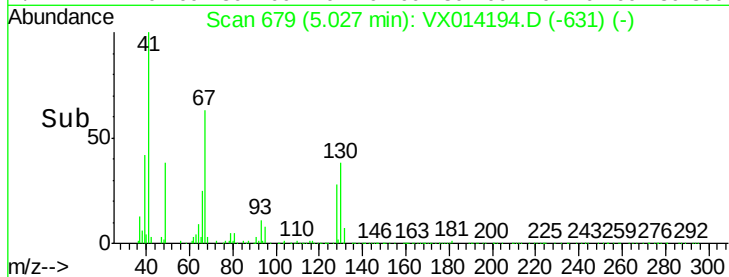
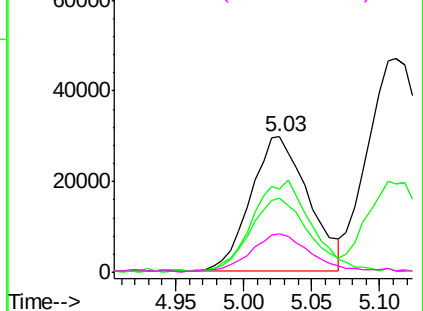


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.356 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014194.D

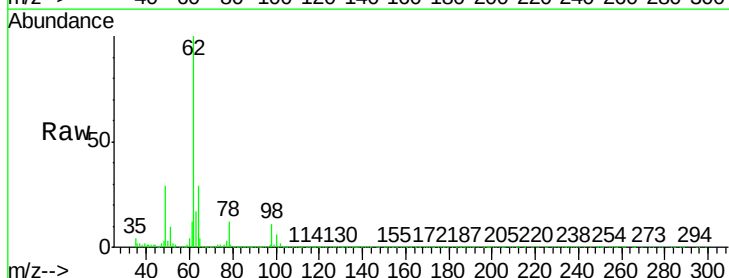
Acq: 23 Dec 2019 11:48

Tgt Ion: 62 Resp: 149032

Ion Ratio Lower Upper

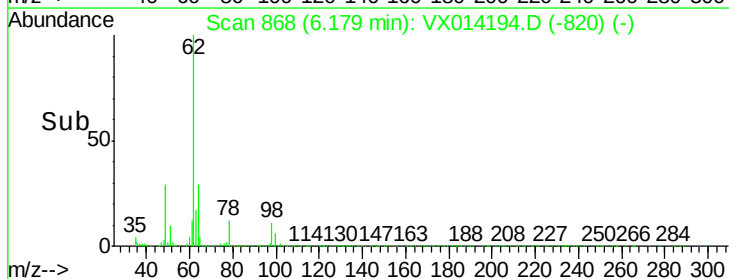
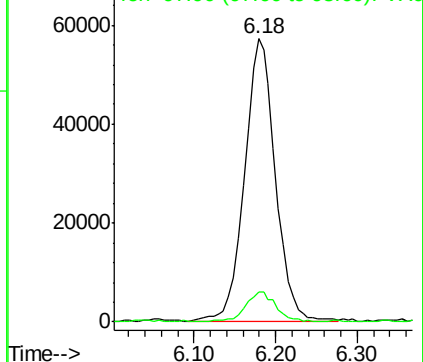
62 100

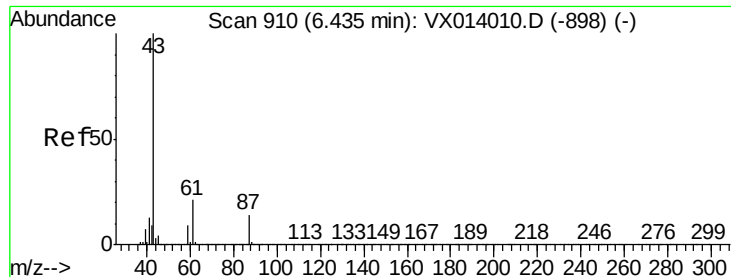
98 10.9 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.131 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampled :

VX1223WBS01

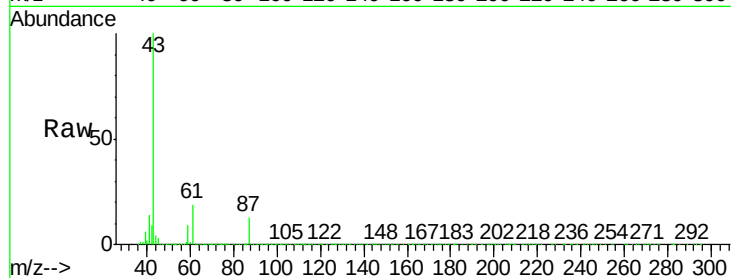
Tgt Ion: 43 Resp: 258108

Ion Ratio Lower Upper

43 100

61 20.2 16.4 24.6

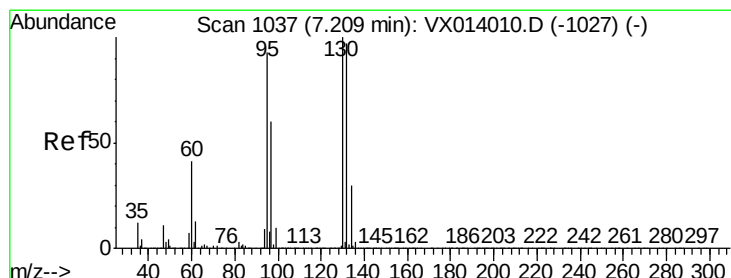
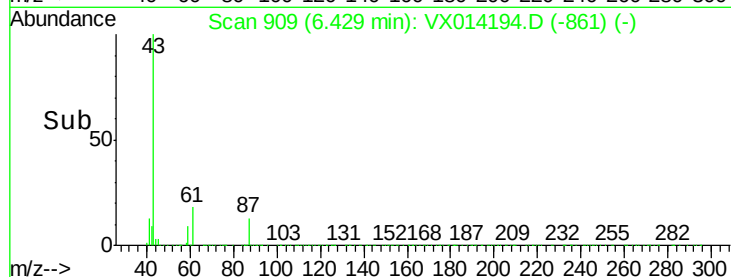
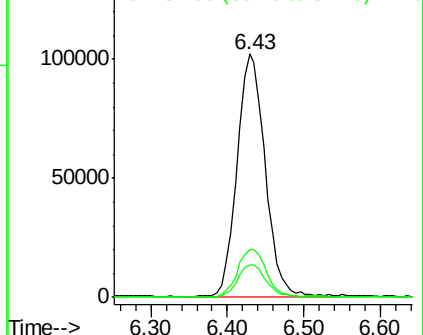
87 13.9 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.007 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014194.D

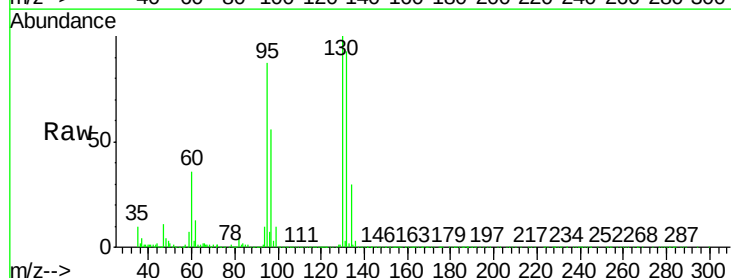
Acq: 23 Dec 2019 11:48

Tgt Ion: 130 Resp: 112972

Ion Ratio Lower Upper

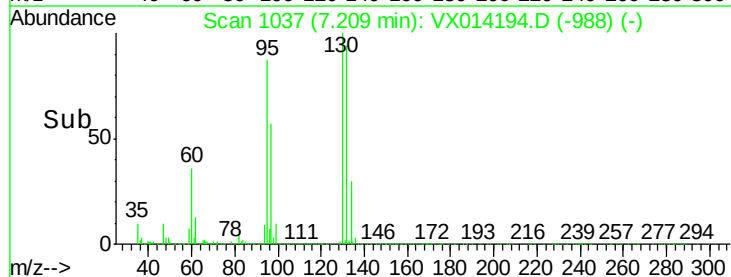
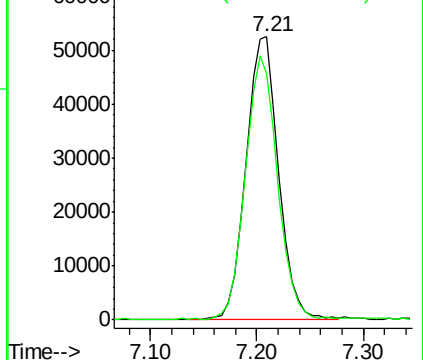
130 100

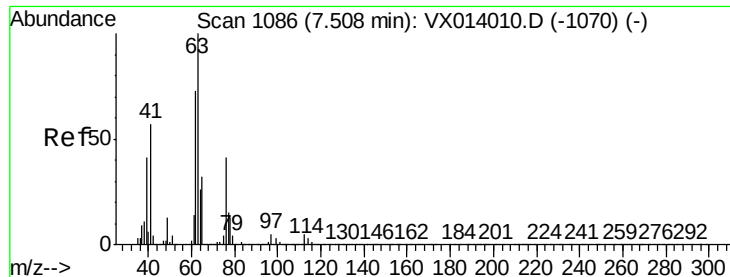
95 86.6 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.638 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

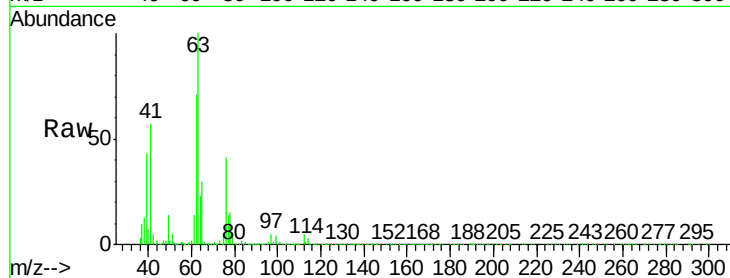
VX1223WBS01

Tgt Ion: 63 Resp: 108510

Ion Ratio Lower Upper

63 100

65 29.2 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.50

60000

50000

40000

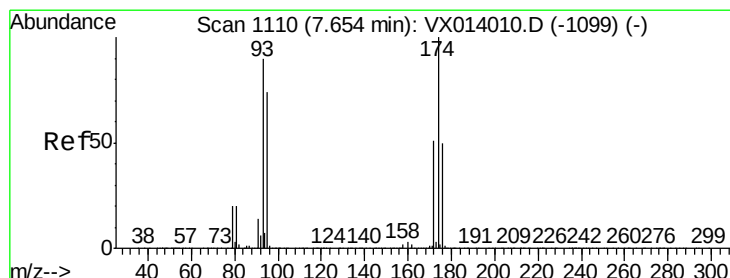
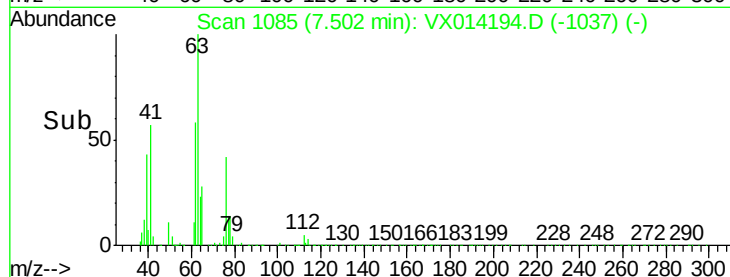
30000

20000

10000

0

Time-->



#46

Dibromomethane

Concen: 18.312 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

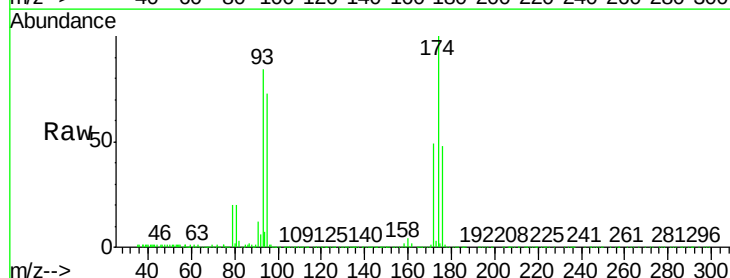
Tgt Ion: 93 Resp: 70484

Ion Ratio Lower Upper

93 100

95 83.6 67.3 100.9

174 117.8 91.6 137.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

50000

40000

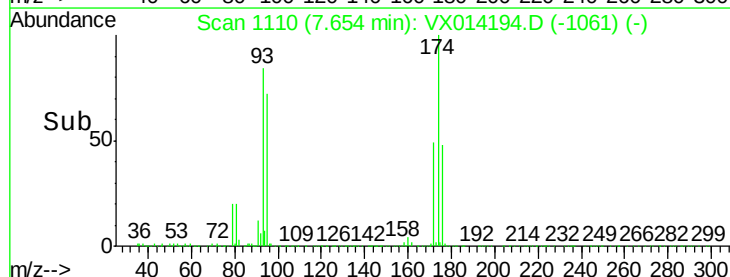
30000

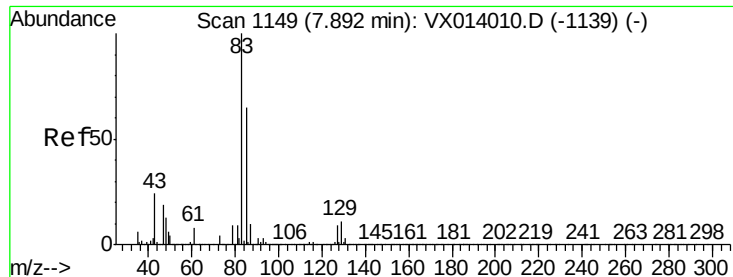
20000

10000

0

Time-->





#47

Bromodichloromethane

Concen: 18.859 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

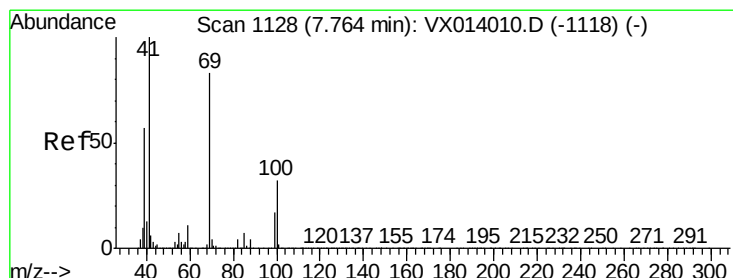
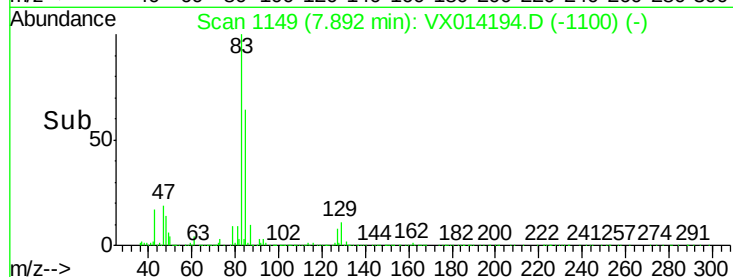
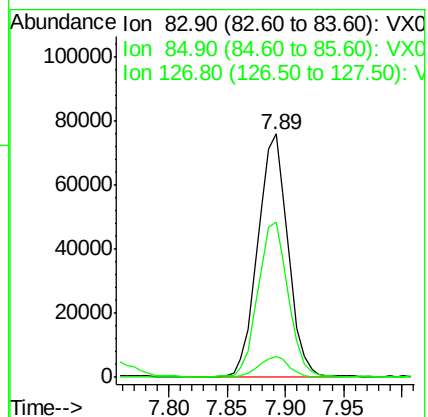
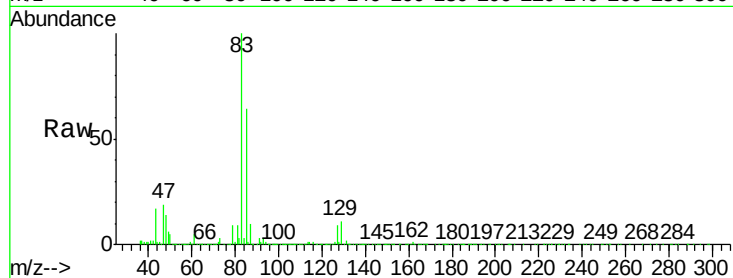
Tgt Ion: 83 Resp: 136712

Ion Ratio Lower Upper

83 100

85 63.8 51.8 77.8

127 8.3 7.0 10.4



#48

Methyl methacrylate

Concen: 18.951 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

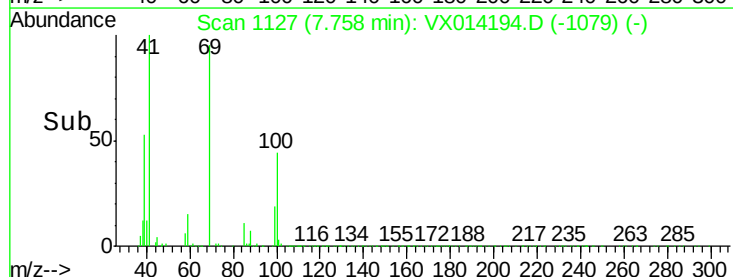
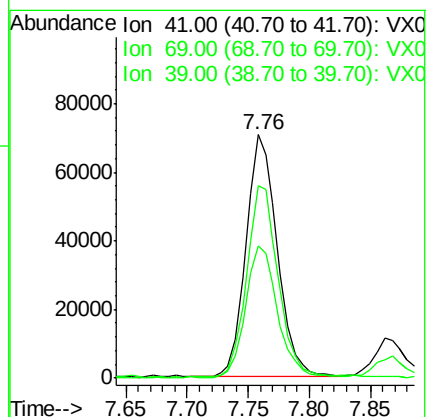
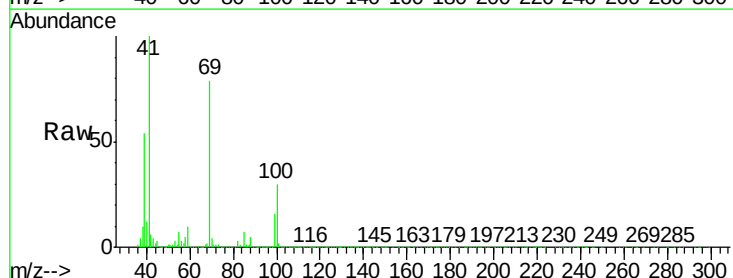
Tgt Ion: 41 Resp: 125198

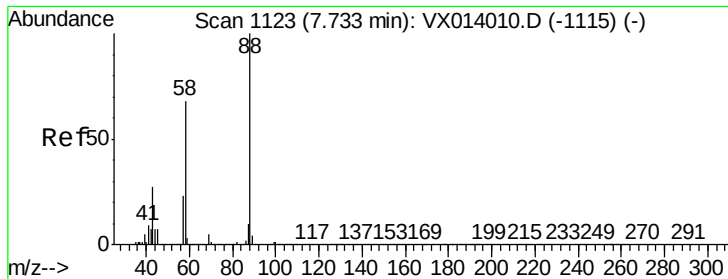
Ion Ratio Lower Upper

41 100

69 80.6 65.8 98.6

39 55.5 44.6 67.0





#49

1,4-Dioxane

Concen: 382.867 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

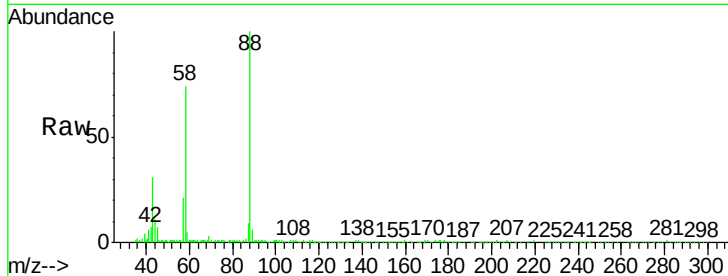
Tgt Ion: 88 Resp: 51473

Ion Ratio Lower Upper

88 100

43 37.3 26.5 39.7

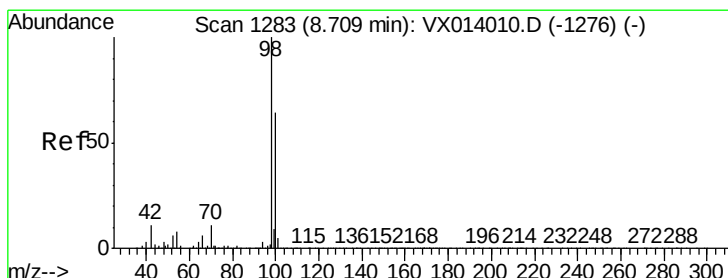
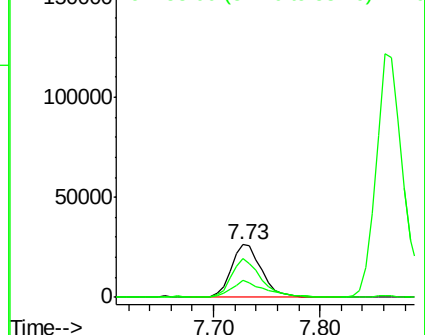
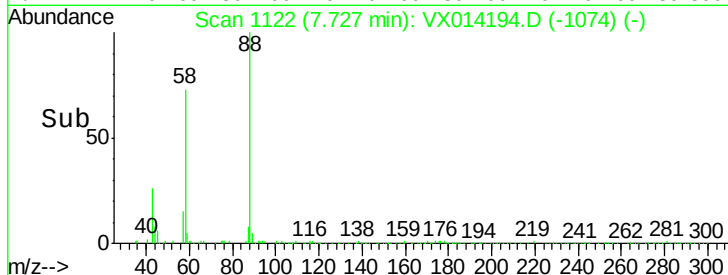
58 70.1 56.8 85.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.511 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014194.D

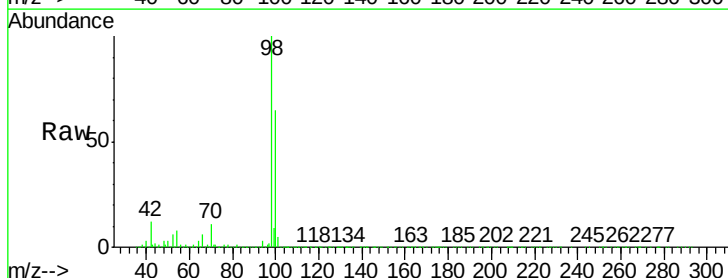
Acq: 23 Dec 2019 11:48

Tgt Ion: 98 Resp: 942756

Ion Ratio Lower Upper

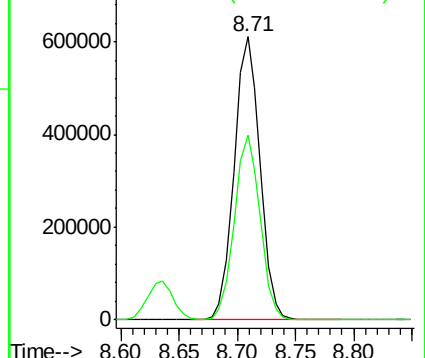
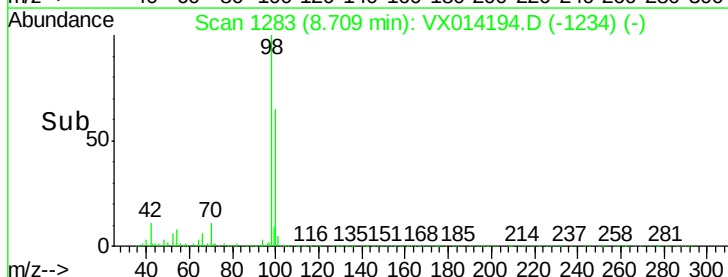
98 100

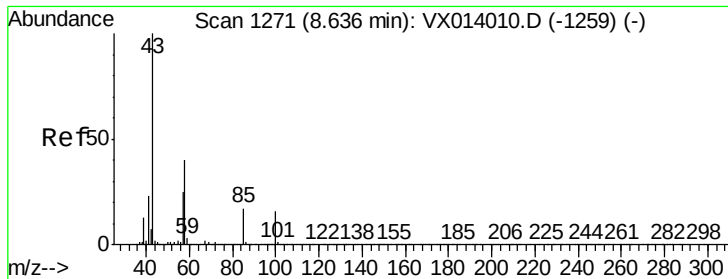
100 65.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

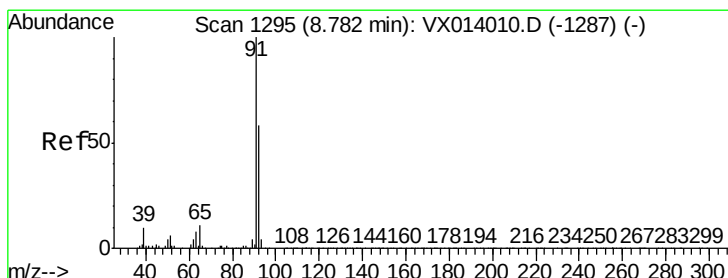
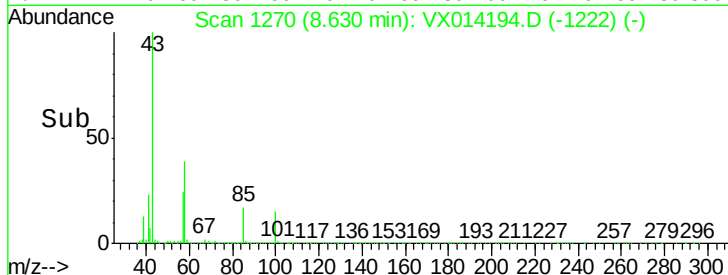
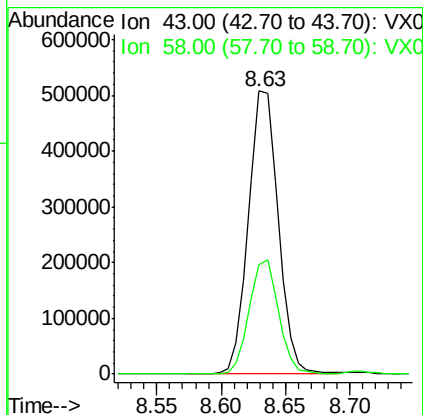
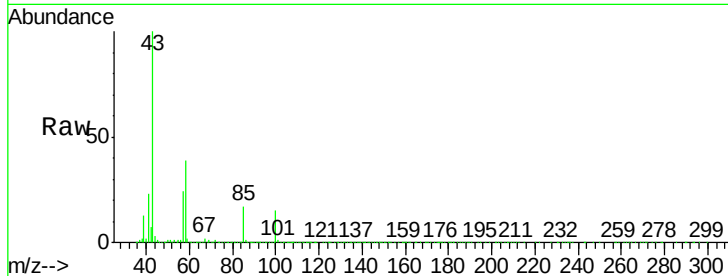




#51
 4-Methyl-2-Pentanone
 Concen: 95.566 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX014194.D
 Acq: 23 Dec 2019 11:48

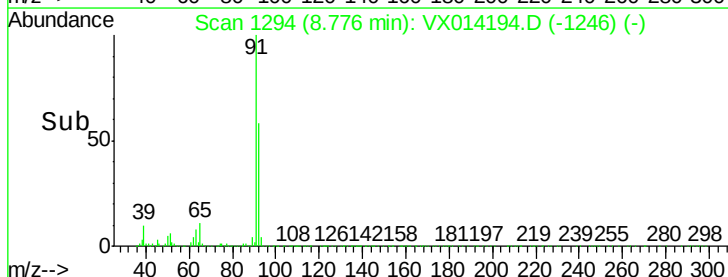
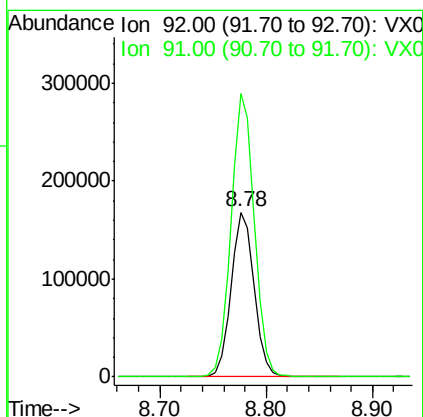
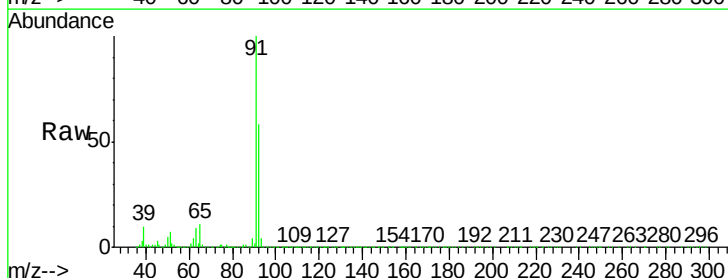
Instrument :
 MSVOA_X
 ClientSampled :
 VX1223WBS01

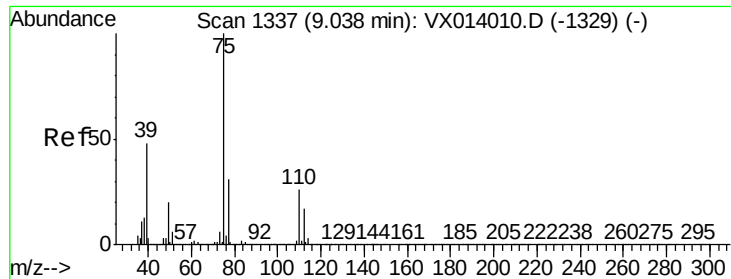
Tgt Ion: 43 Resp: 809714
 Ion Ratio Lower Upper
 43 100
 58 39.7 32.2 48.2



#52
 Toluene
 Concen: 17.775 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX014194.D
 Acq: 23 Dec 2019 11:48

Tgt Ion: 92 Resp: 255197
 Ion Ratio Lower Upper
 92 100
 91 173.2 136.2 204.4

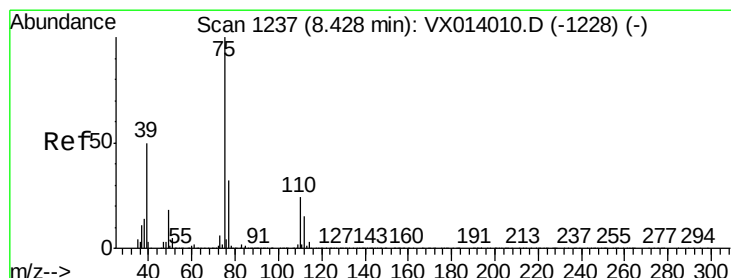
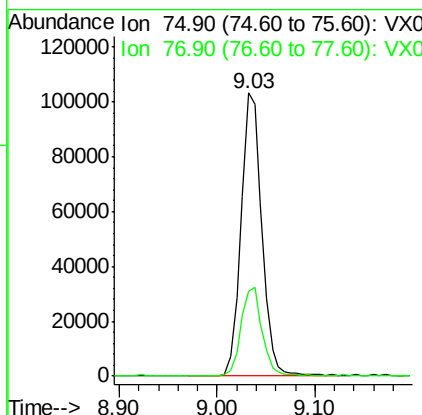
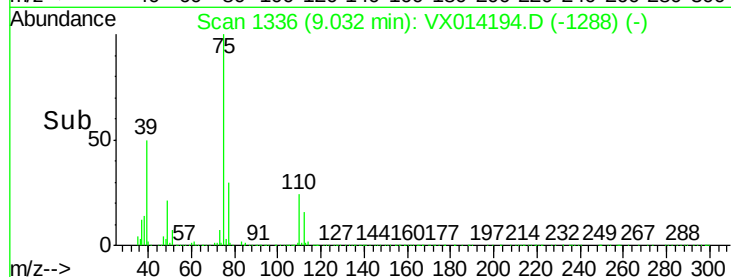
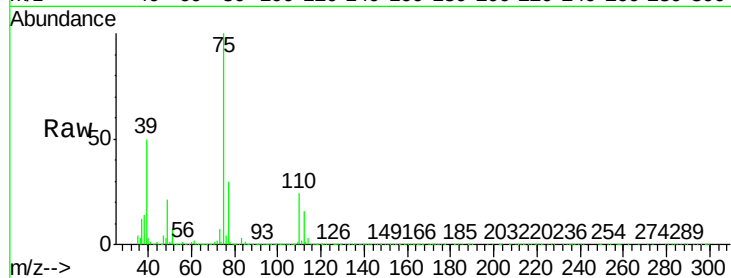




#53
t-1,3-Dichloropropene
Concen: 19.196 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

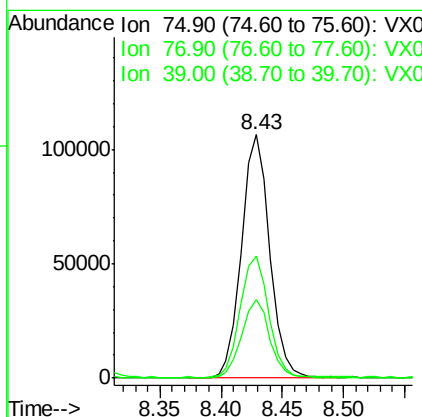
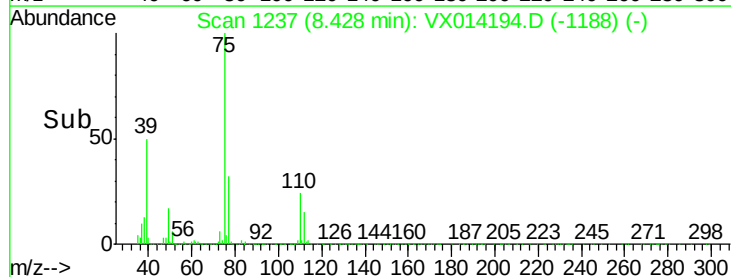
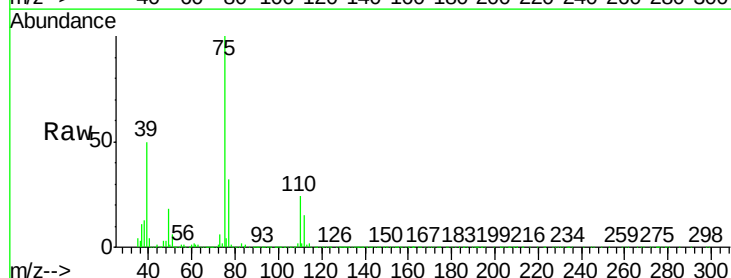
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

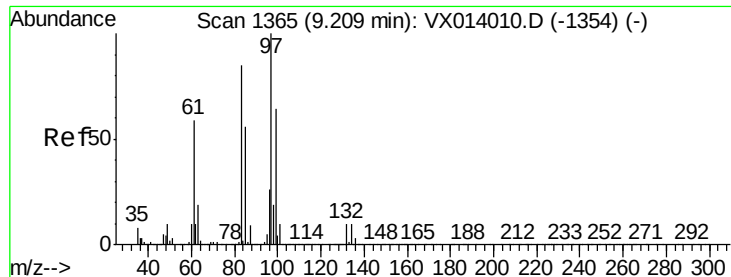
Tgt Ion: 75 Resp: 152585
Ion Ratio Lower Upper
75 100
77 29.8 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 19.310 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion: 75 Resp: 171000
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
39 49.9 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 19.228 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

Tgt Ion: 97 Resp: 110641

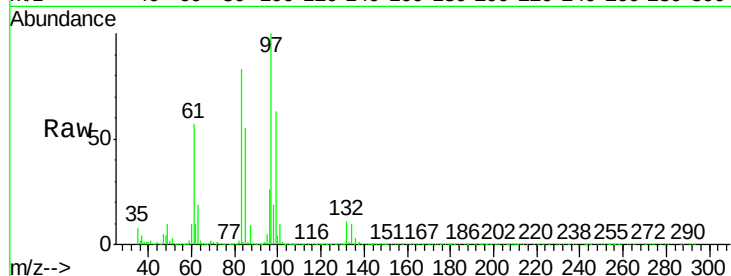
Ion Ratio Lower Upper

97 100

83 83.0 68.2 102.4

85 54.5 44.6 66.8

99 62.8 51.4 77.0

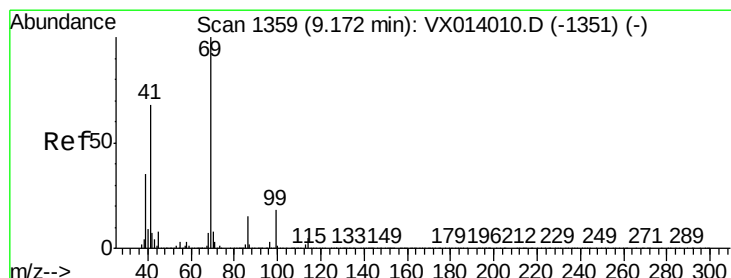
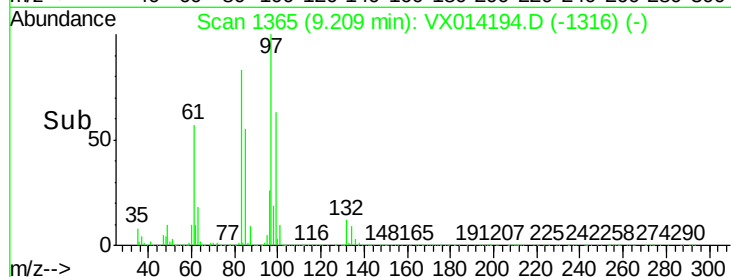
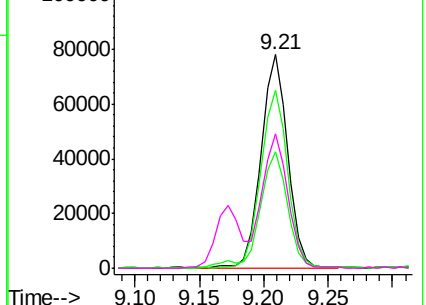


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.024 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

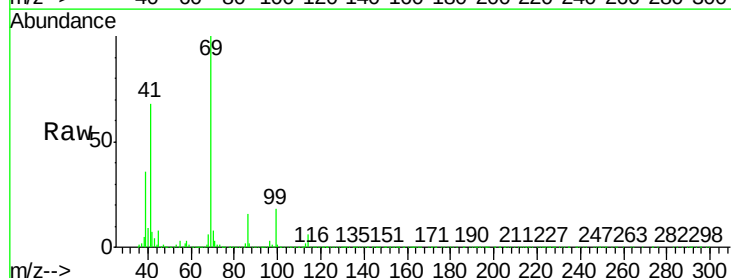
Tgt Ion: 69 Resp: 171951

Ion Ratio Lower Upper

69 100

41 67.9 54.8 82.2

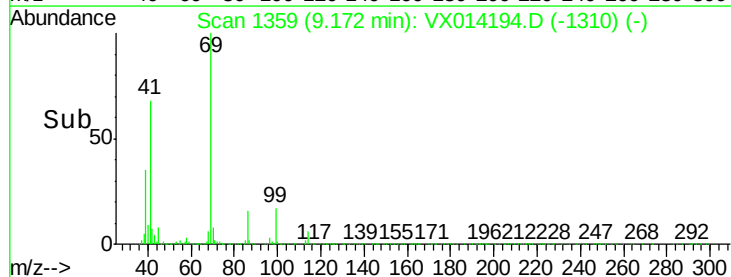
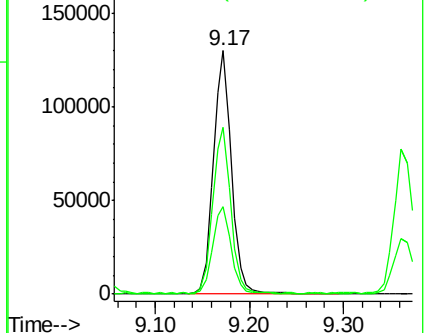
39 36.6 28.3 42.5

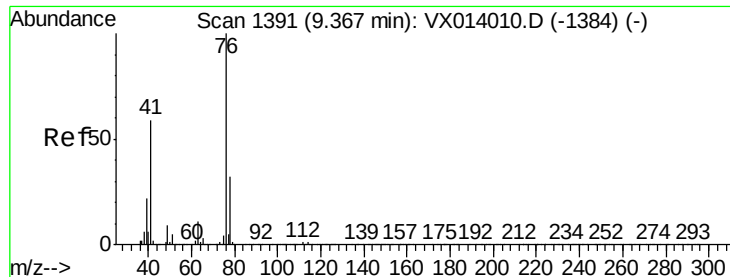


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.245 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampled :

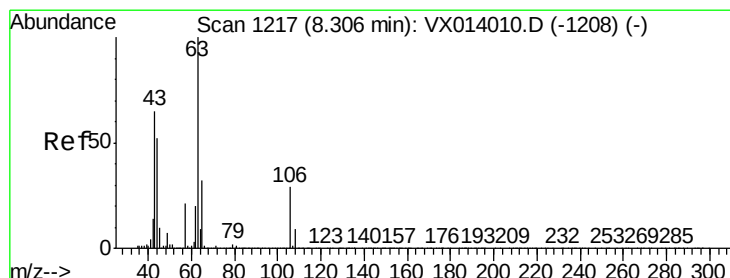
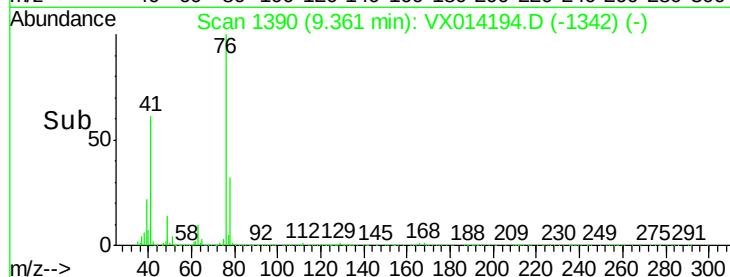
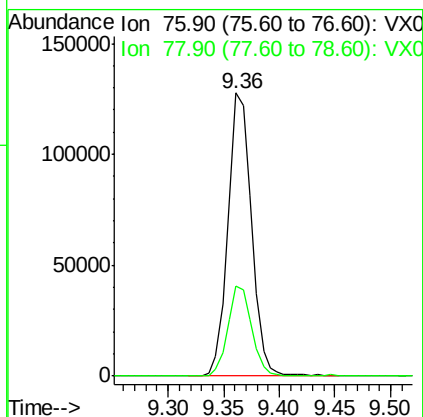
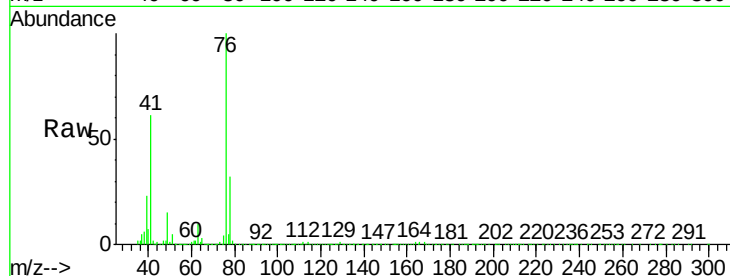
VX1223WBS01

Tgt Ion: 76 Resp: 186317

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 95.497 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014194.D

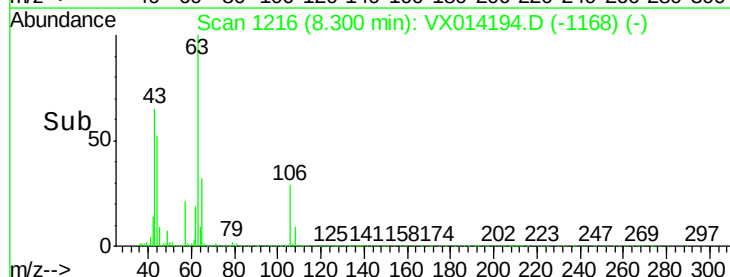
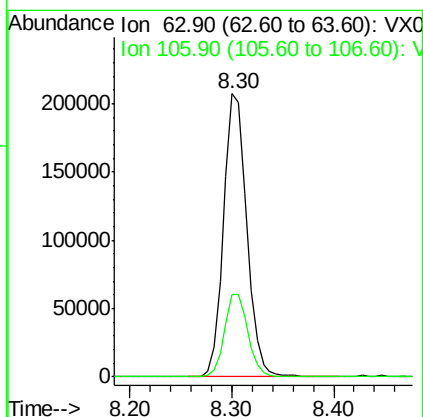
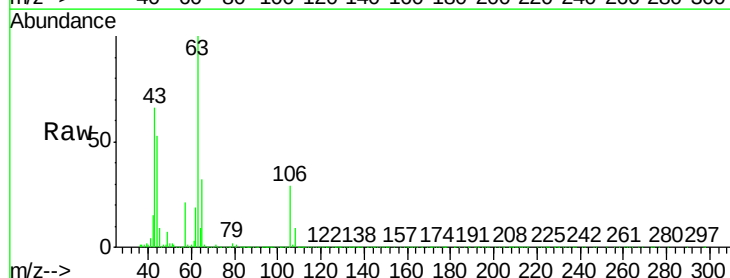
Acq: 23 Dec 2019 11:48

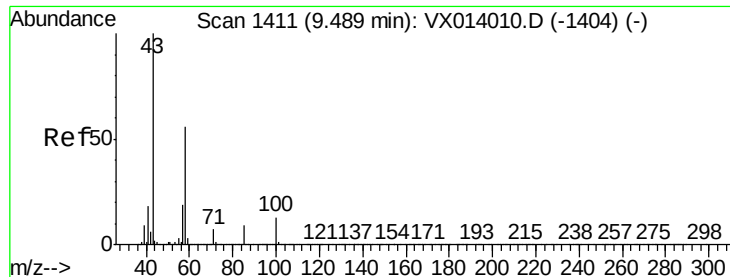
Tgt Ion: 63 Resp: 326661

Ion Ratio Lower Upper

63 100

106 29.4 23.0 34.6





#59

2-Hexanone

Concen: 94.177 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampled :

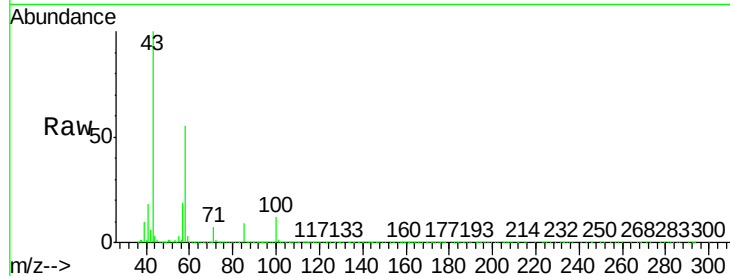
VX1223WBS01

Tgt Ion: 43 Resp: 642346

Ion Ratio Lower Upper

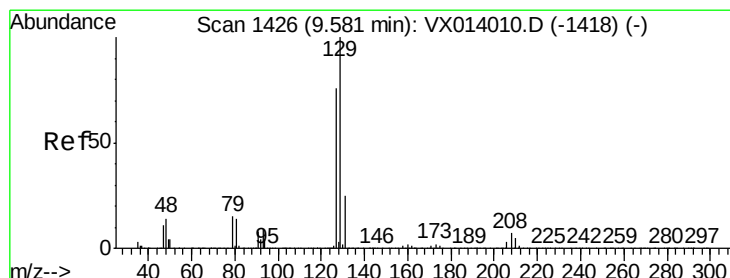
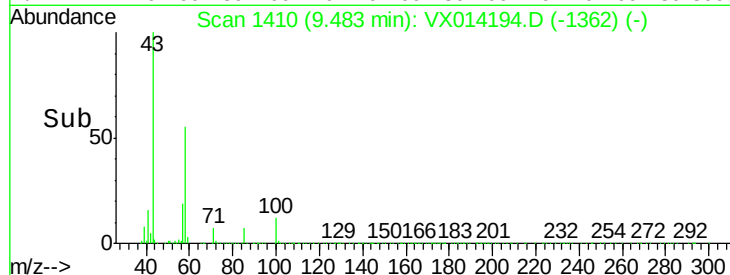
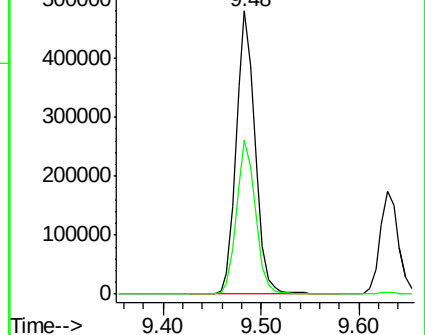
43 100

58 54.7 28.0 84.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 19.188 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX014194.D

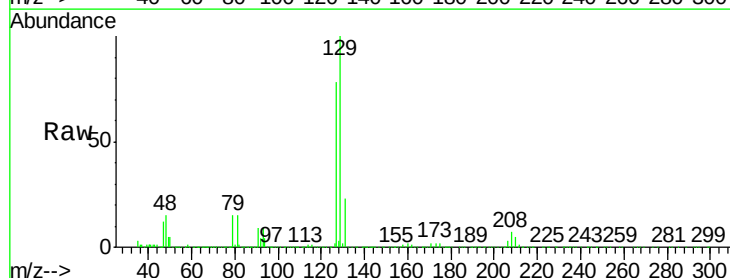
Acq: 23 Dec 2019 11:48

Tgt Ion: 129 Resp: 109748

Ion Ratio Lower Upper

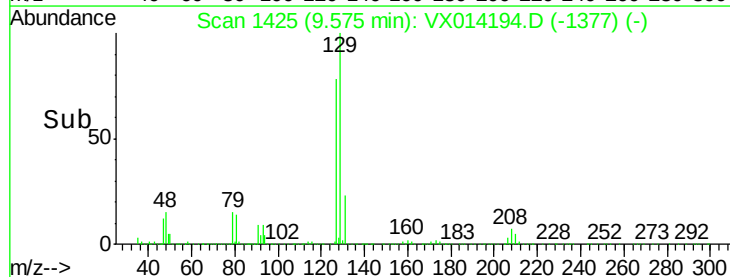
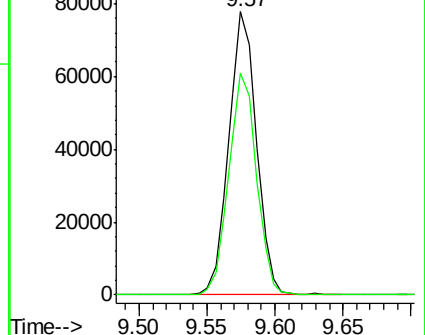
129 100

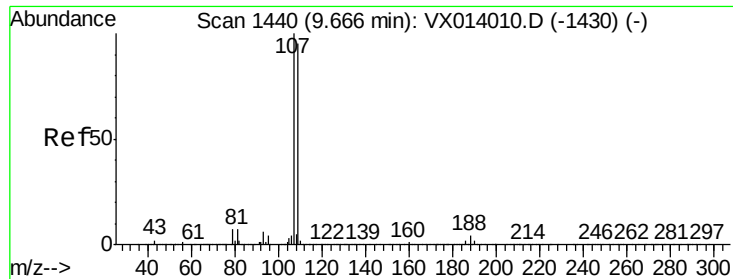
127 79.0 38.4 115.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

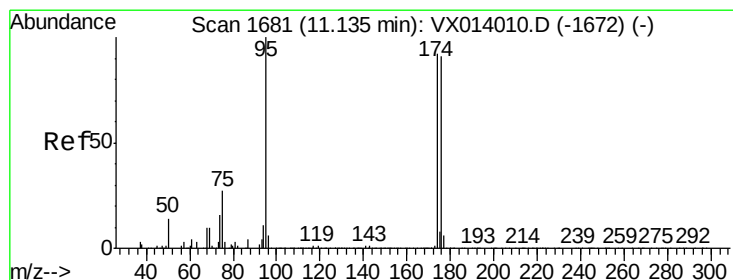
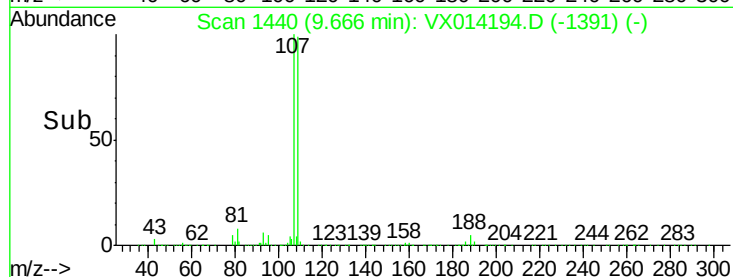
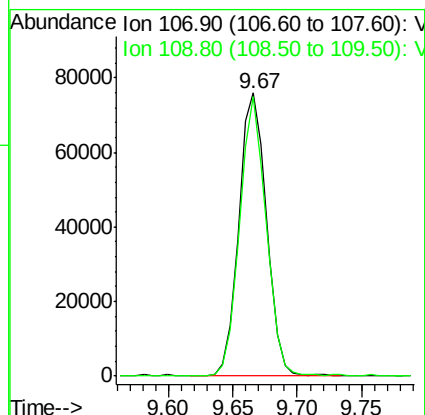
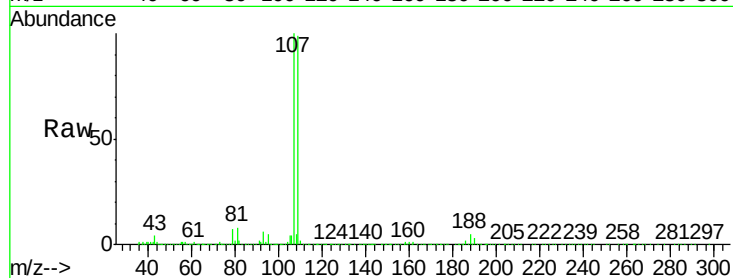




#61
 1,2-Dibromoethane
 Concen: 19.066 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014194.D
 Acq: 23 Dec 2019 11:48

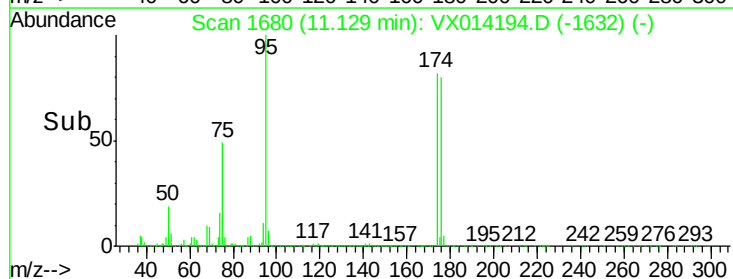
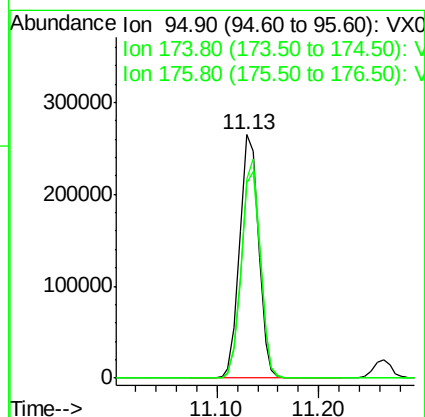
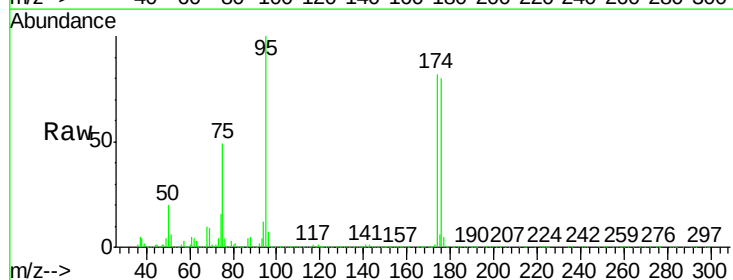
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBS01

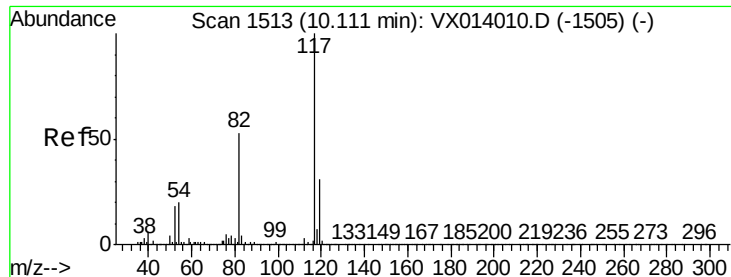
Tgt Ion: 107 Resp: 112249
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 48.627 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014194.D
 Acq: 23 Dec 2019 11:48

Tgt Ion: 95 Resp: 338461
 Ion Ratio Lower Upper
 95 100
 174 88.7 0.0 175.8
 176 85.2 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

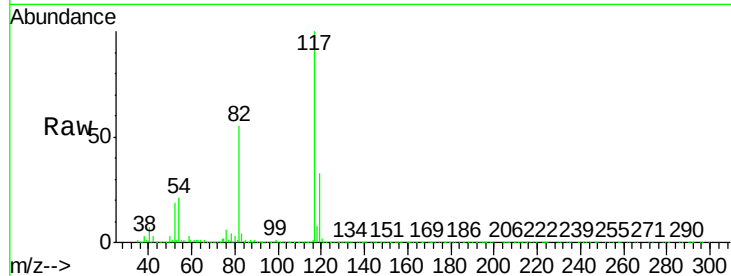
Tgt Ion:117 Resp: 728342

Ion Ratio Lower Upper

117 100

82 55.0 42.2 63.4

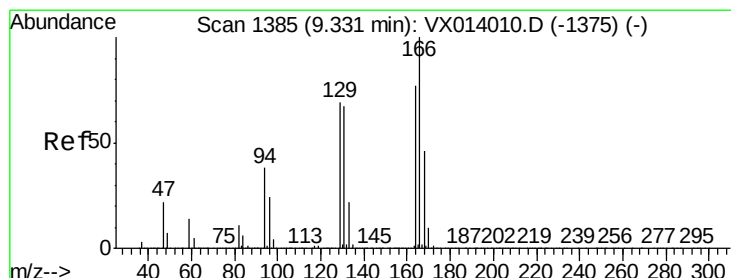
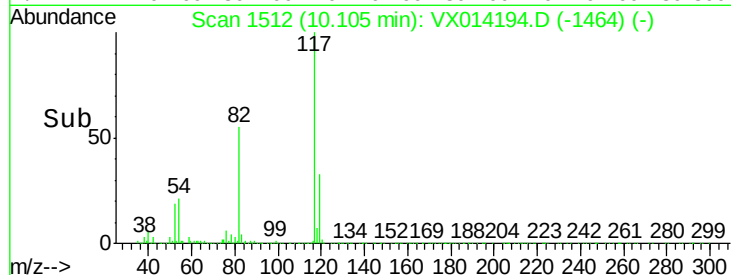
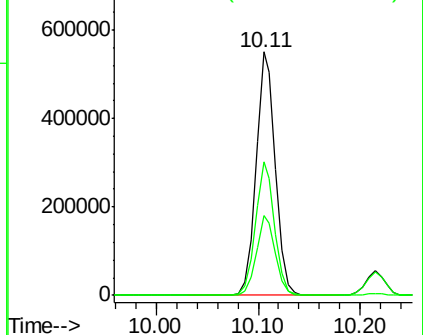
119 32.7 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 18.236 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Tgt Ion:164 Resp: 117529

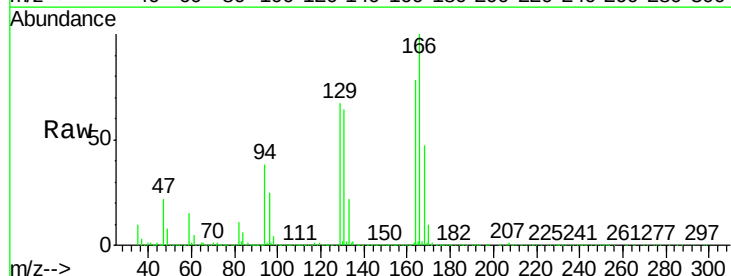
Ion Ratio Lower Upper

164 100

166 128.7 104.0 156.0

129 86.7 72.2 108.4

131 82.5 69.6 104.4

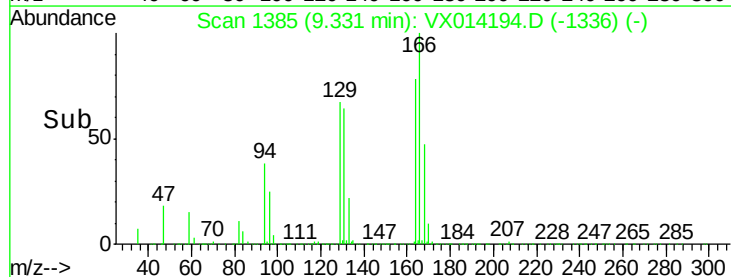
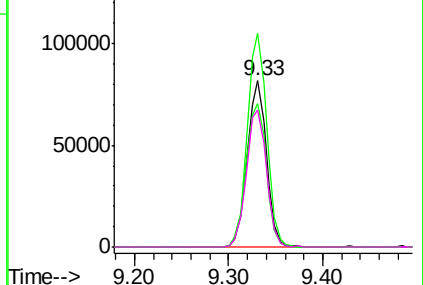


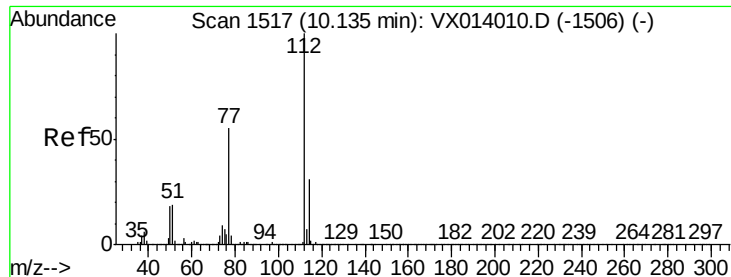
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

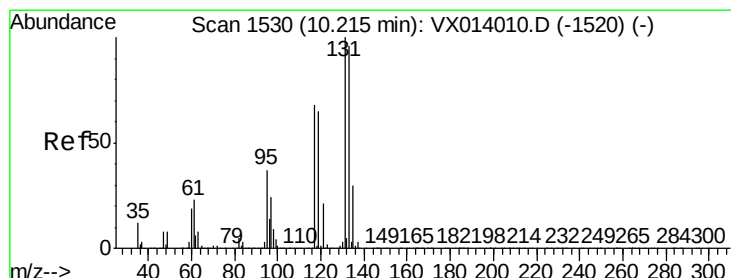
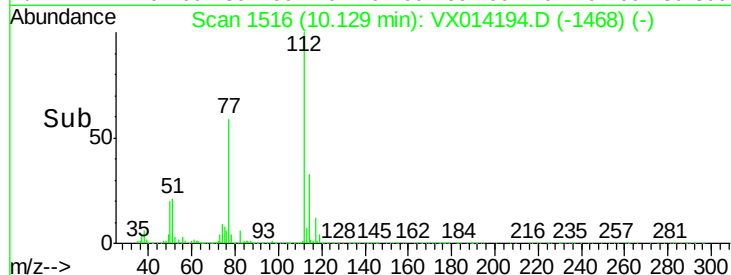
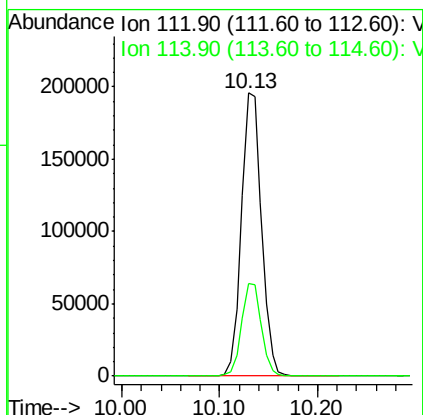
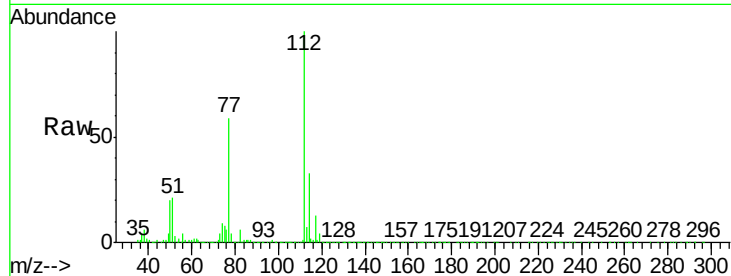




#65
Chlorobenzene
Concen: 18.083 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

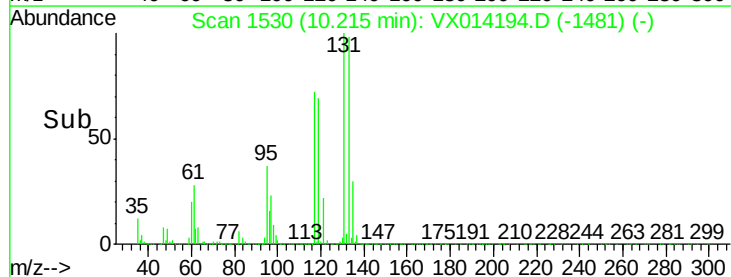
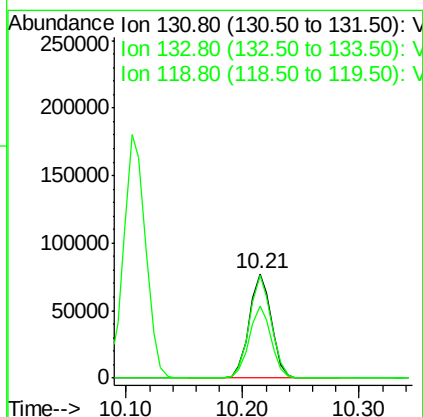
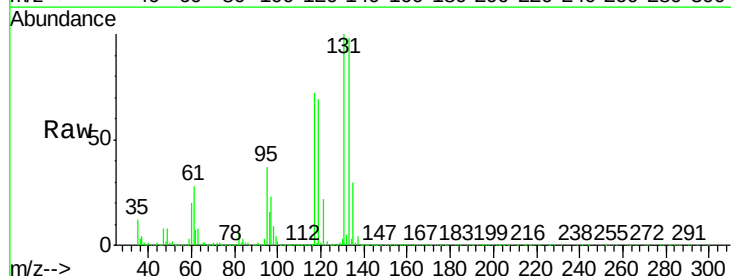
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

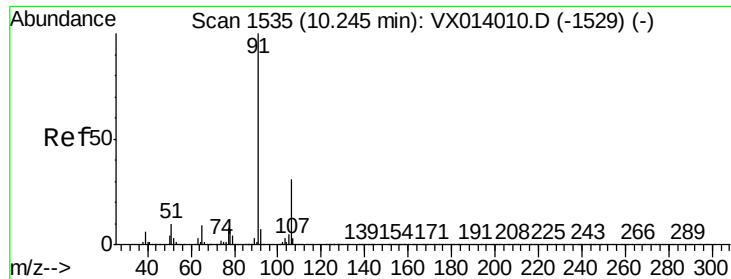
Tgt Ion:112 Resp: 280036
Ion Ratio Lower Upper
112 100
114 32.8 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 18.694 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion:131 Resp: 103368
Ion Ratio Lower Upper
131 100
133 96.4 48.0 144.0
119 67.4 33.4 100.2

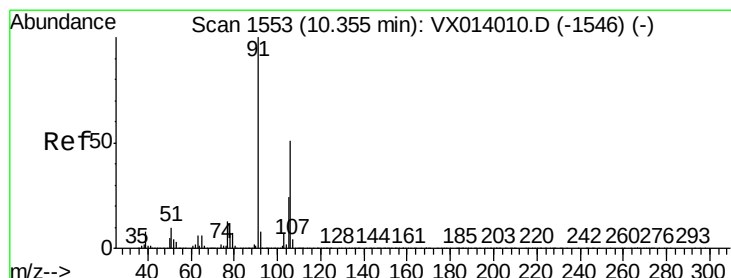
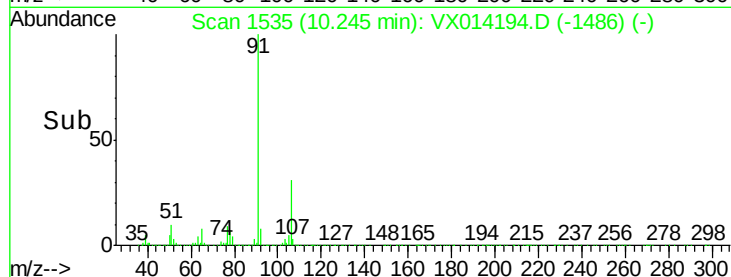
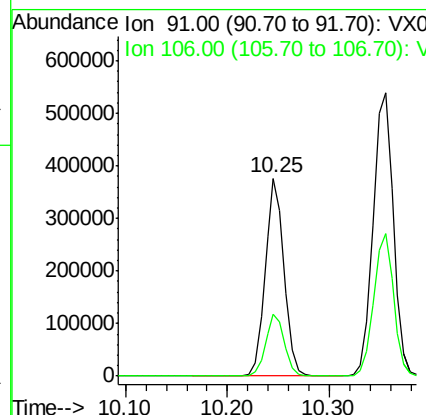
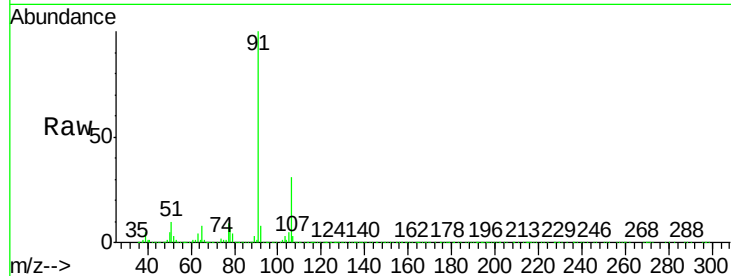




#67
Ethyl Benzene
Concen: 18.246 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

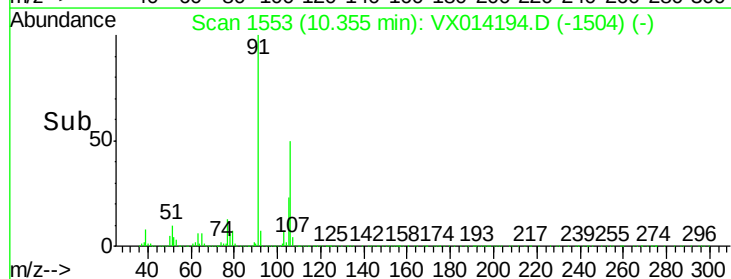
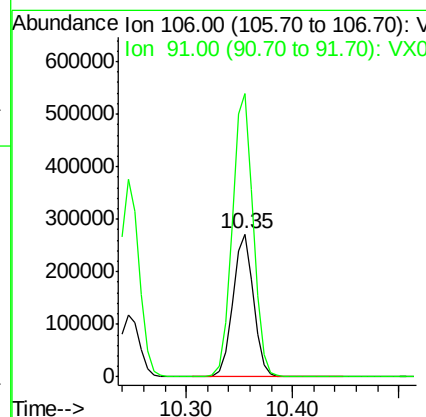
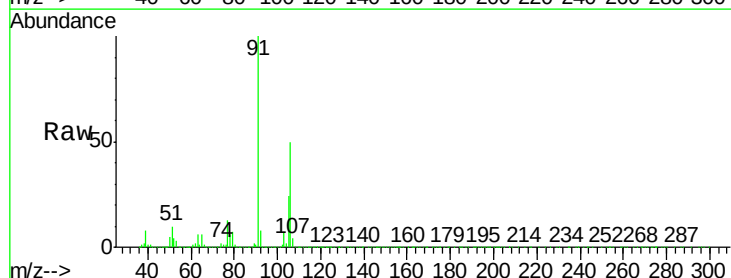
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

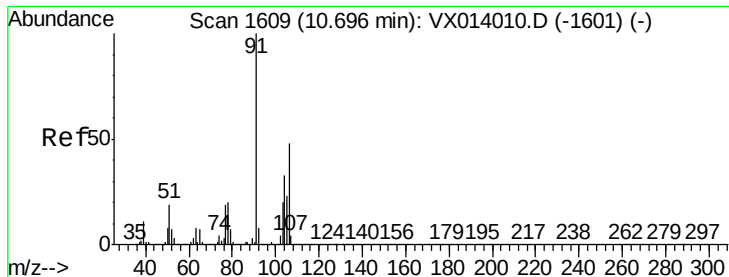
Tgt Ion: 91 Resp: 485780
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.6



#68
m/p-Xylenes
Concen: 35.779 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion: 106 Resp: 366384
Ion Ratio Lower Upper
106 100
91 201.5 158.6 238.0

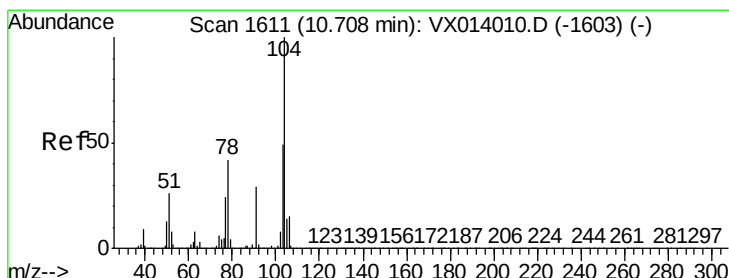
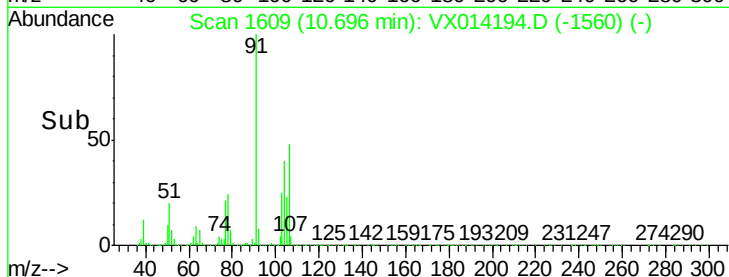
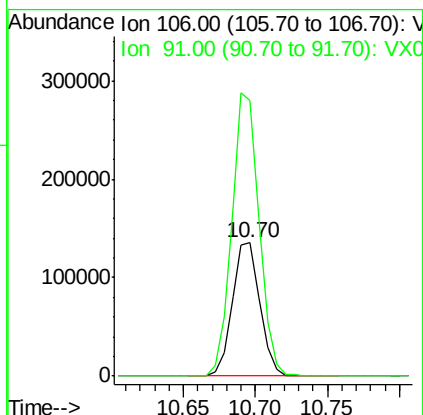
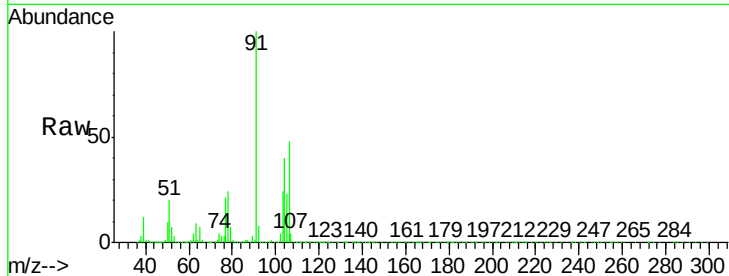




#69
o-Xylene
Concen: 18.190 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

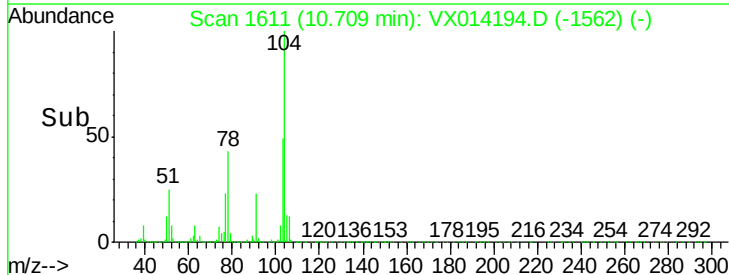
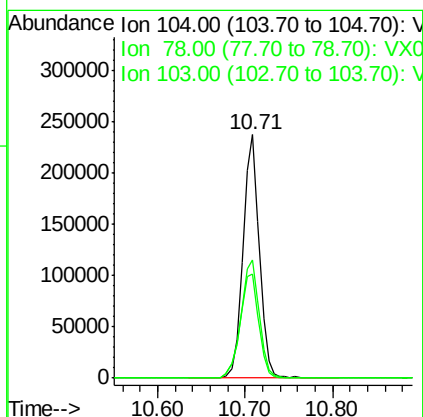
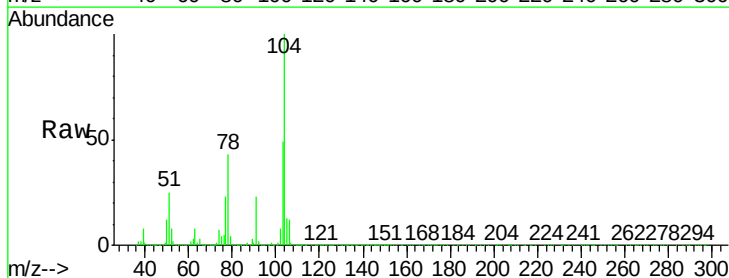
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

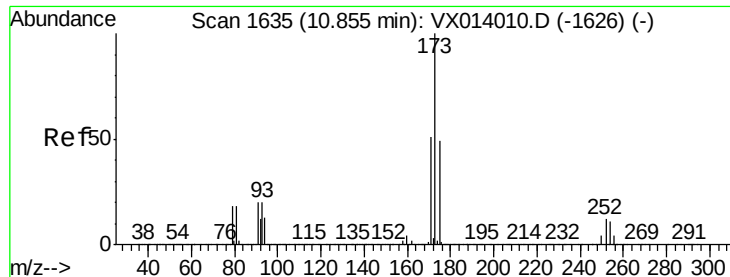
Tgt Ion:106 Resp: 182680
Ion Ratio Lower Upper
106 100
91 209.6 104.2 312.6



#70
Styrene
Concen: 18.101 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion:104 Resp: 307403
Ion Ratio Lower Upper
104 100
78 49.6 38.5 57.7
103 54.9 42.9 64.3





#71

Bromoform

Concen: 19.049 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

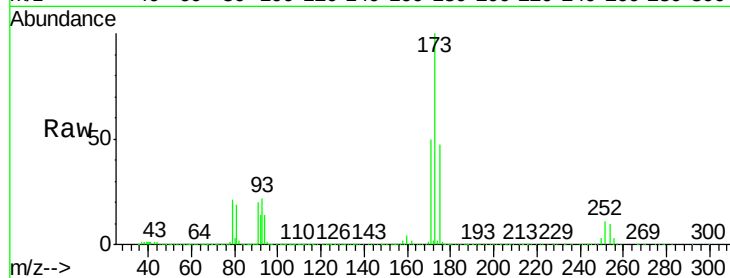
Tgt Ion:173 Resp: 84667

Ion Ratio Lower Upper

173 100

175 47.8 24.4 73.4

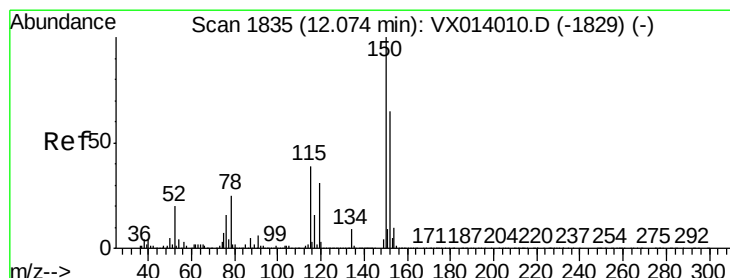
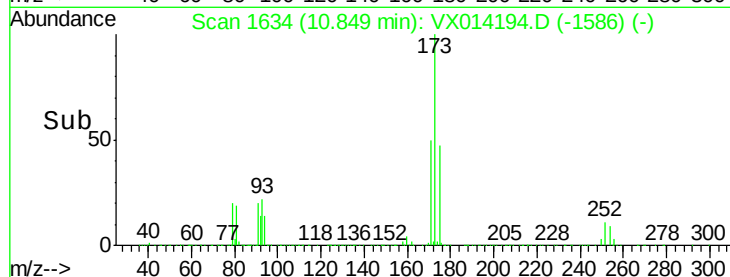
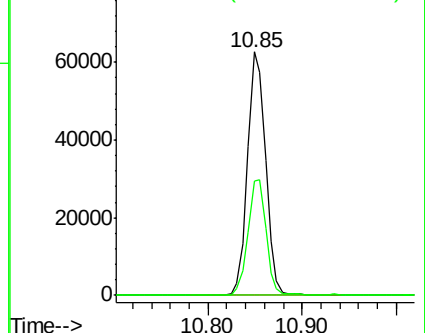
254 0.3 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

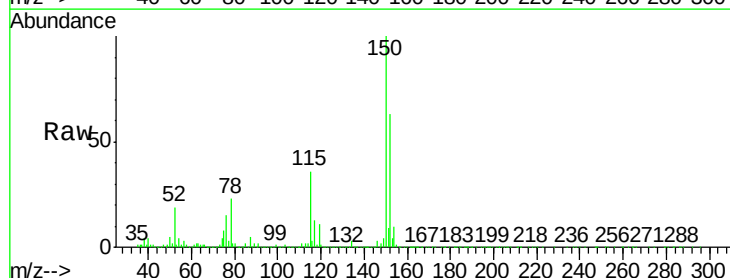
Tgt Ion:152 Resp: 363027

Ion Ratio Lower Upper

152 100

115 63.0 38.3 114.9

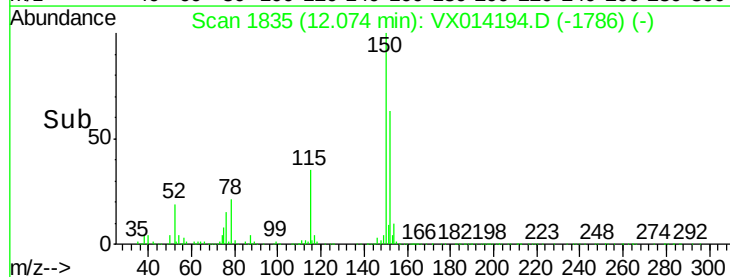
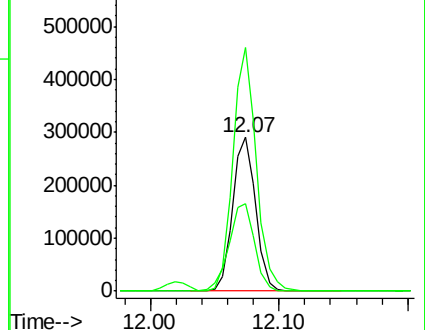
150 160.8 0.0 345.4

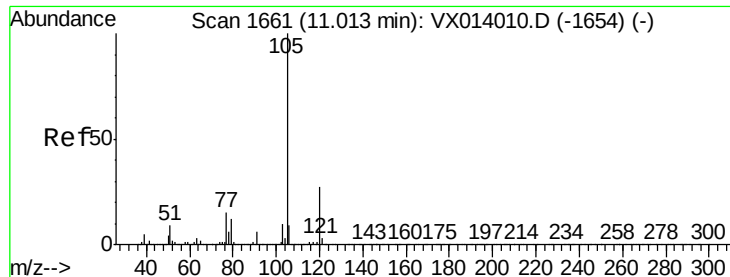


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

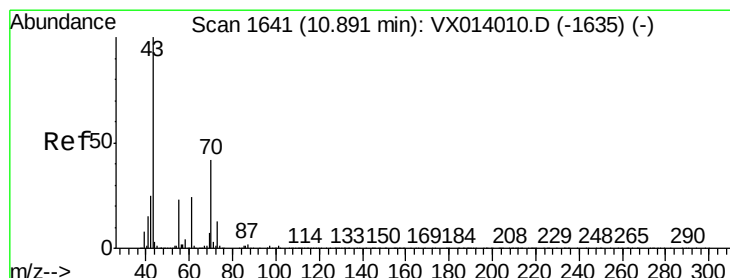
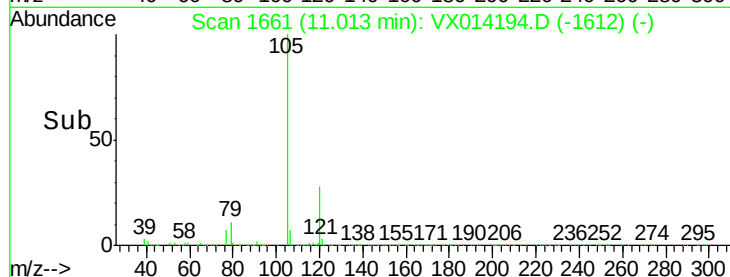
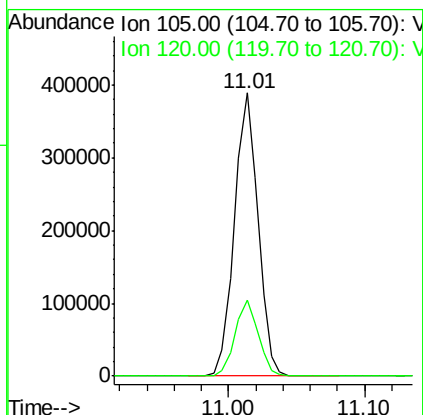
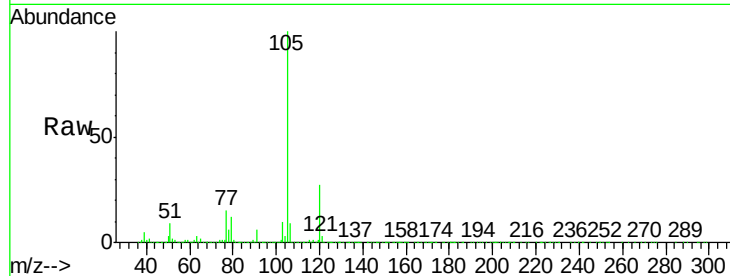




#73
Isopropylbenzene
Concen: 18.332 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

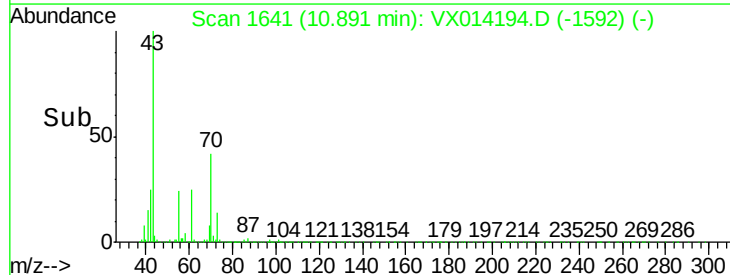
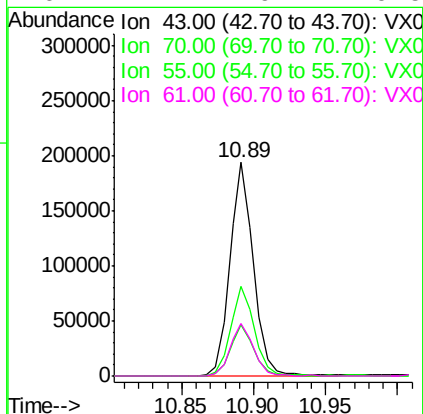
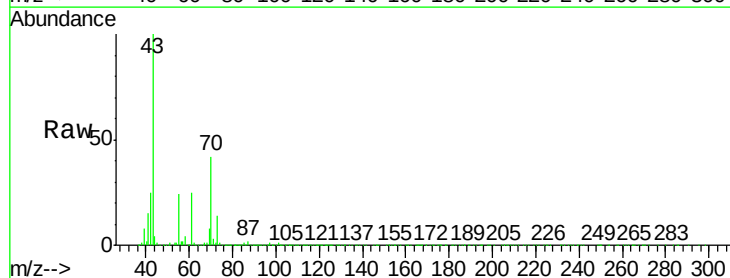
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

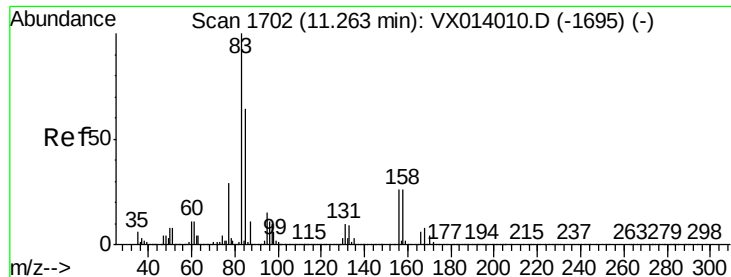
Tgt Ion: 105 Resp: 468568
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4



#74
N-ethyl acetate
Concen: 18.610 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion: 43 Resp: 222962
Ion Ratio Lower Upper
43 100
70 42.2 34.4 51.6
55 23.5 19.1 28.7
61 24.2 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.631 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampled :

VX1223WBS01

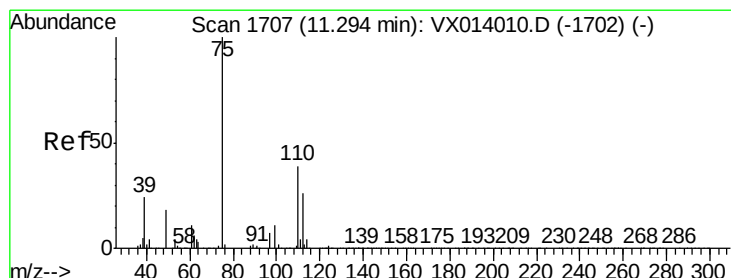
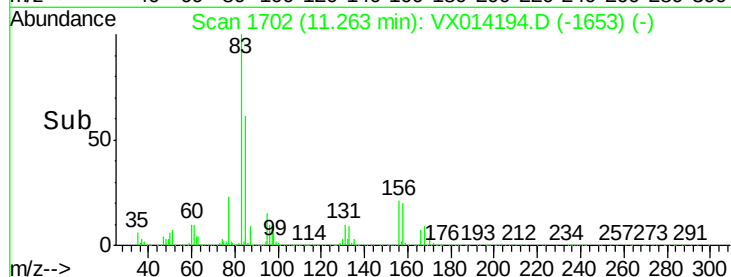
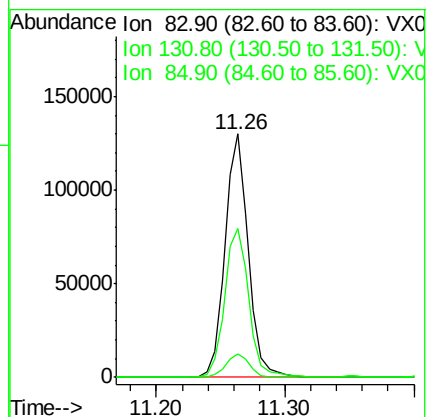
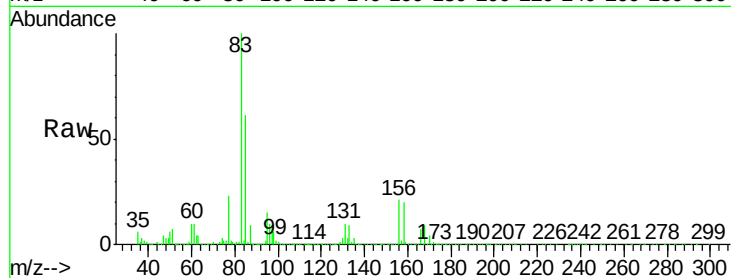
Tgt Ion: 83 Resp: 165095

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.2

85 63.4 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 23.186 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014194.D

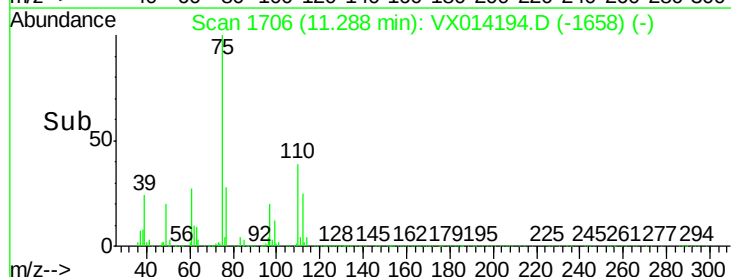
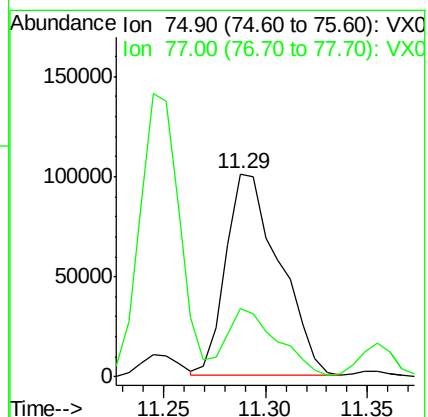
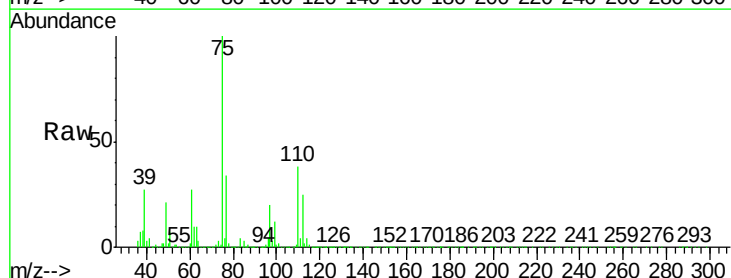
Acq: 23 Dec 2019 11:48

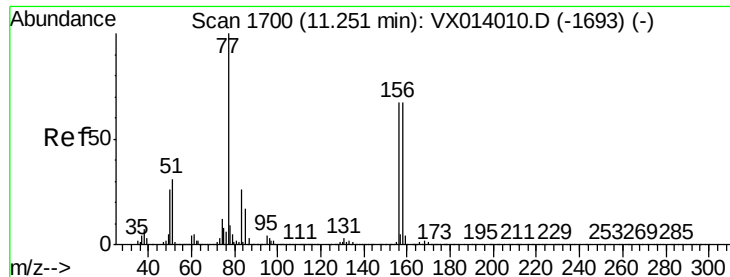
Tgt Ion: 75 Resp: 182731

Ion Ratio Lower Upper

75 100

77 32.9 19.3 57.8





#77

Bromobenzene

Concen: 18.085 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

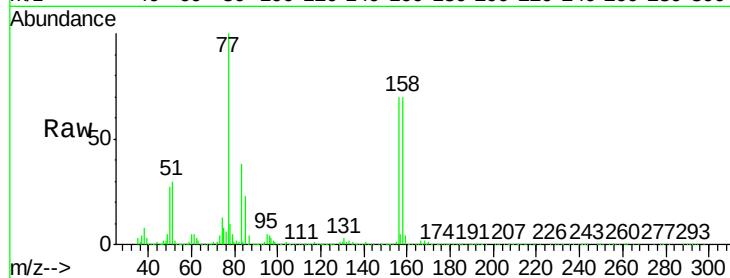
Tgt Ion: 156 Resp: 127183

Ion Ratio Lower Upper

156 100

77 148.3 76.5 229.5

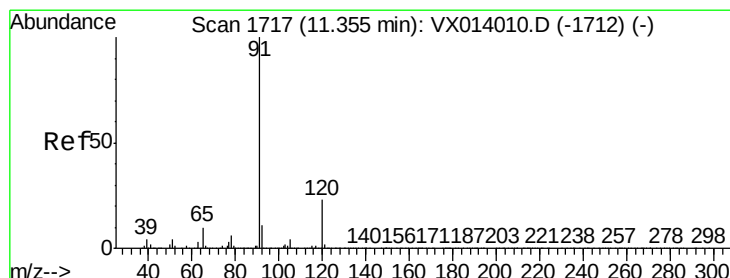
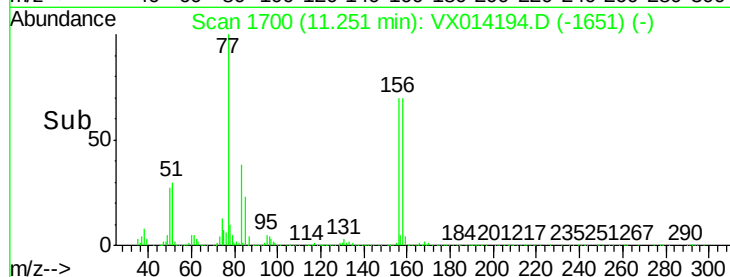
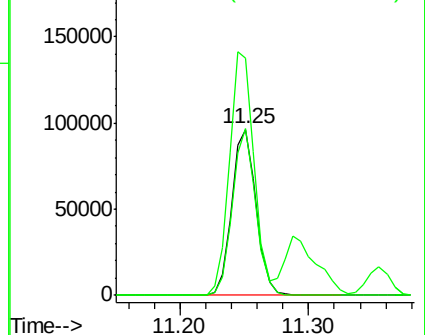
158 96.8 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.385 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014194.D

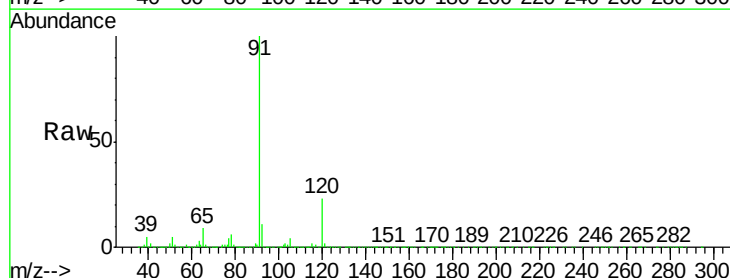
Acq: 23 Dec 2019 11:48

Tgt Ion: 91 Resp: 527089

Ion Ratio Lower Upper

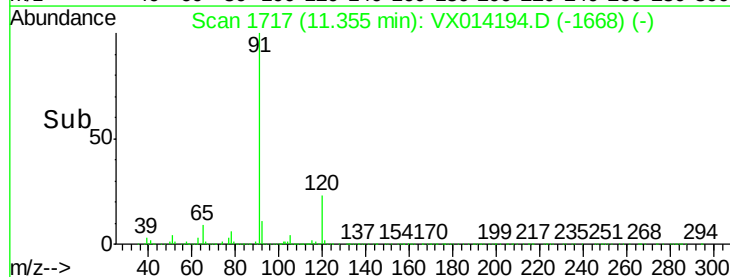
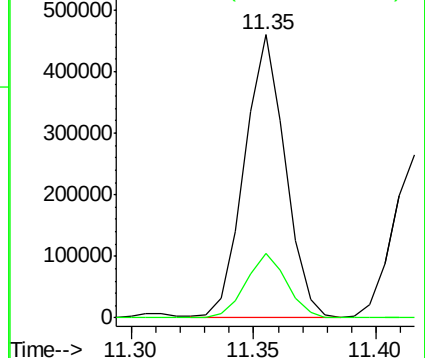
91 100

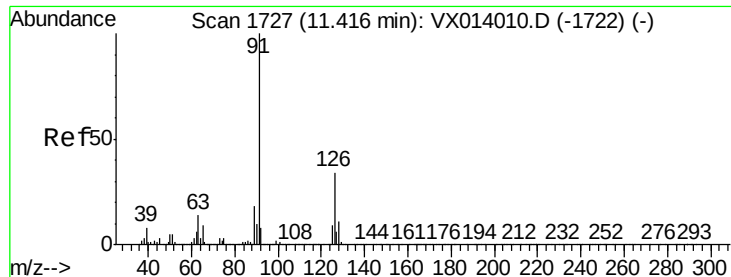
120 23.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.351 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampled :

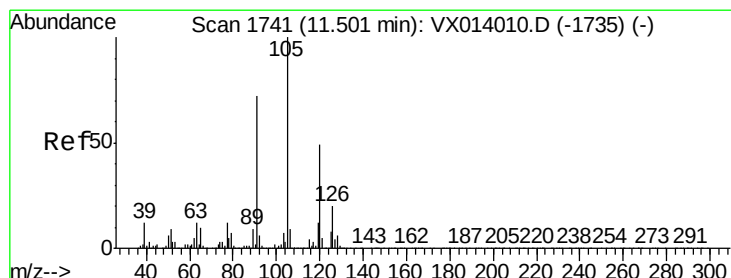
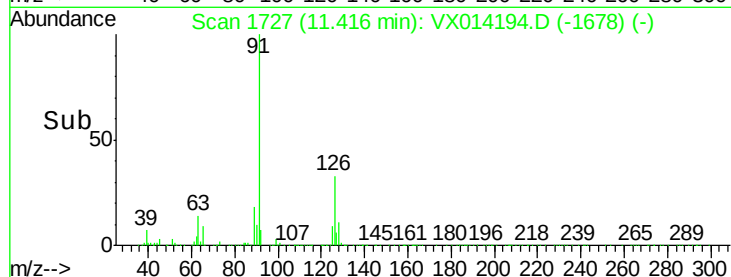
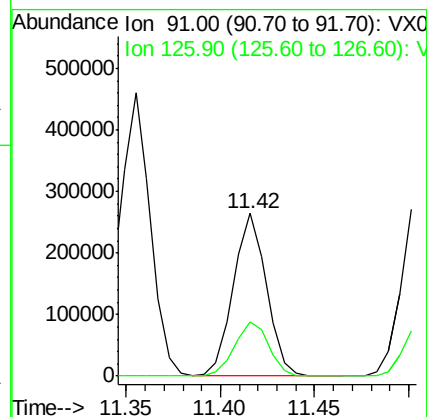
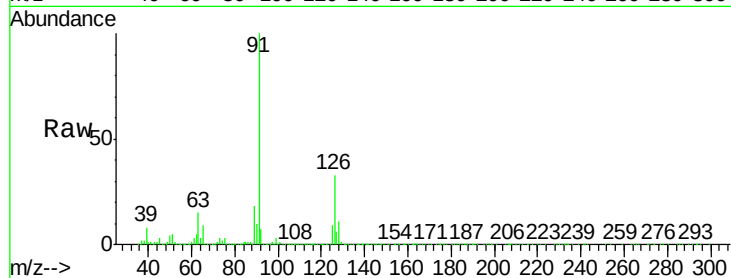
VX1223WBS01

Tgt Ion: 91 Resp: 319818

Ion Ratio Lower Upper

91 100

126 34.7 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 17.997 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014194.D

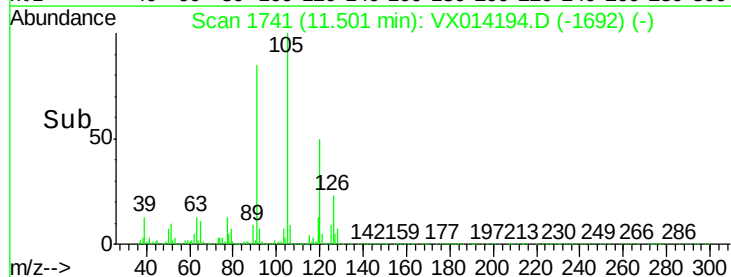
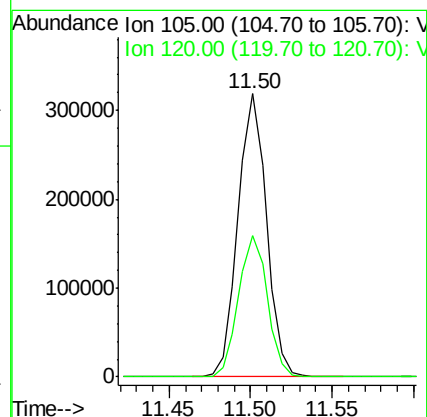
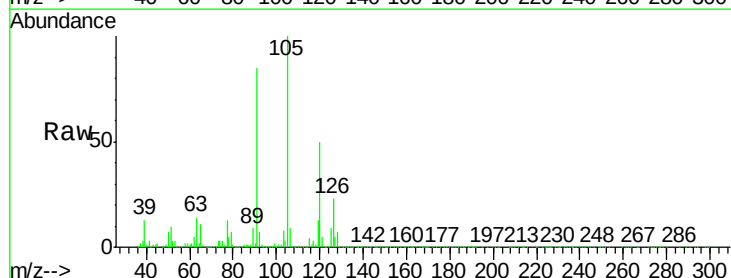
Acq: 23 Dec 2019 11:48

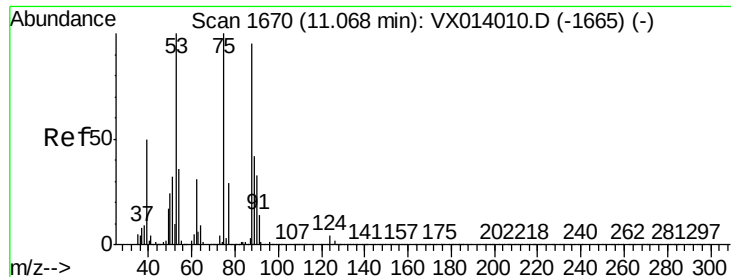
Tgt Ion: 105 Resp: 387137

Ion Ratio Lower Upper

105 100

120 50.9 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.799 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampled :

VX1223WBS01

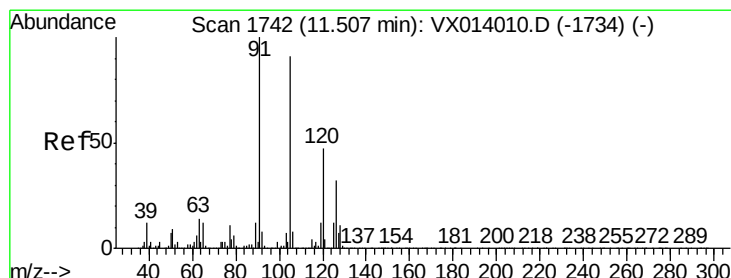
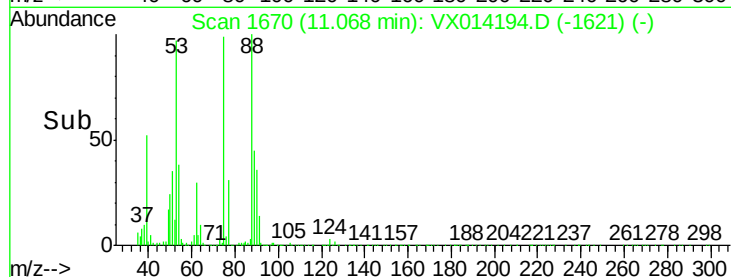
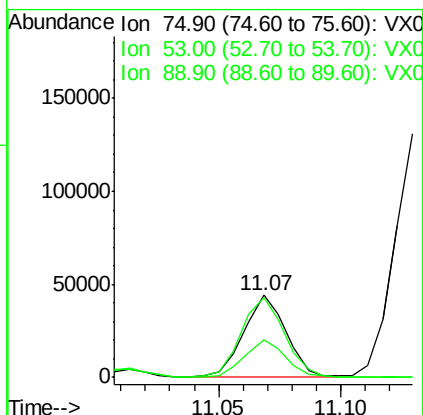
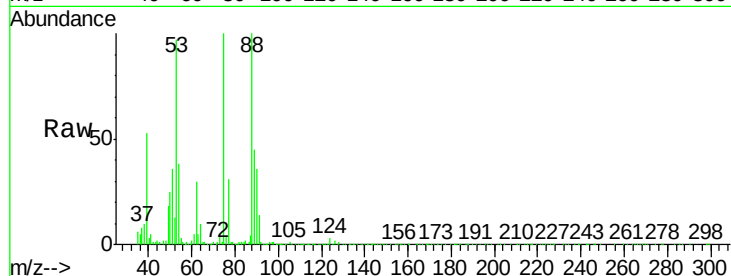
Tgt Ion: 75 Resp: 52492

Ion Ratio Lower Upper

75 100

53 99.8 76.7 115.1

89 44.2 34.6 51.8



#82

4-Chlorotoluene

Concen: 18.201 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014194.D

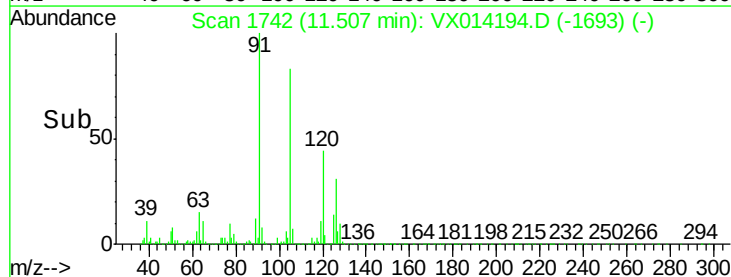
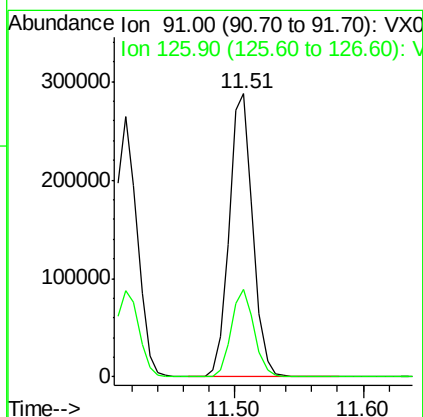
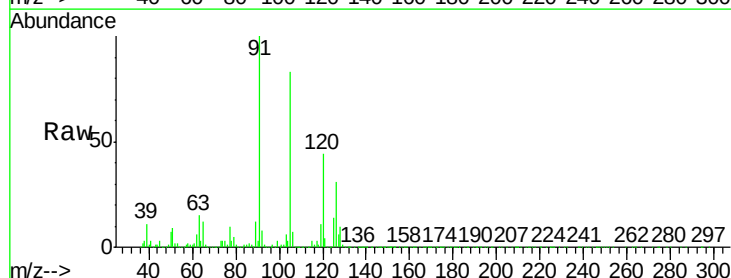
Acq: 23 Dec 2019 11:48

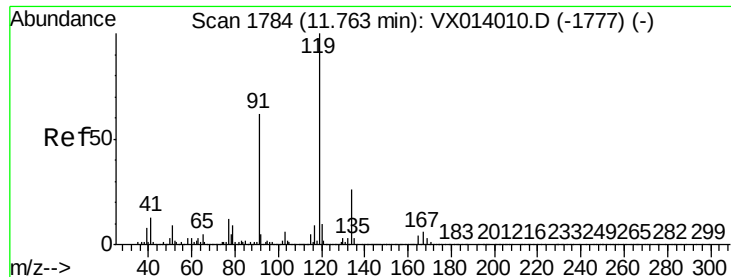
Tgt Ion: 91 Resp: 367942

Ion Ratio Lower Upper

91 100

126 30.2 15.6 46.8

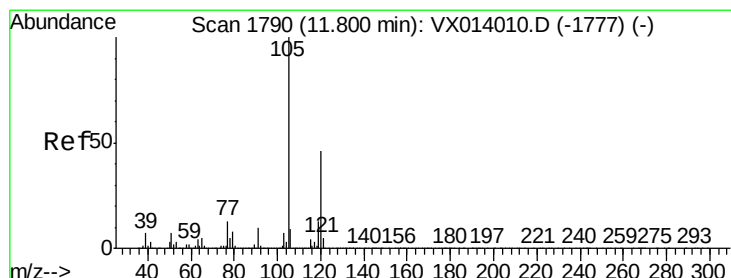
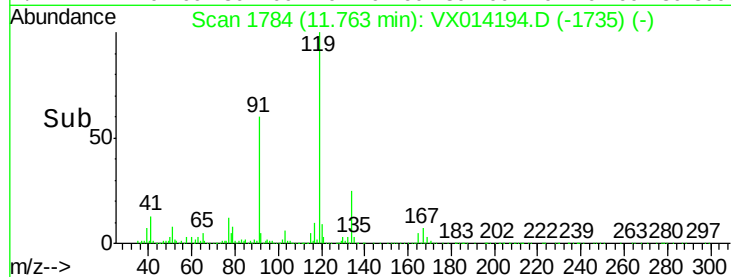
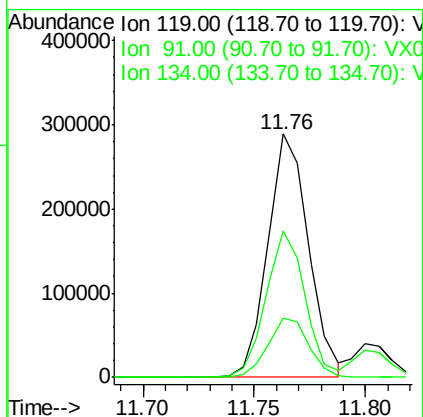
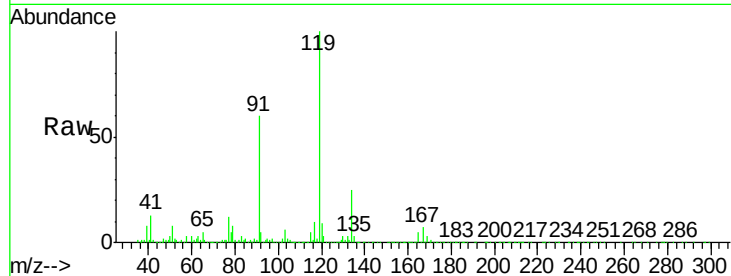




#83
 tert-Butylbenzene
 Concen: 17.482 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014194.D
 Acq: 23 Dec 2019 11:48

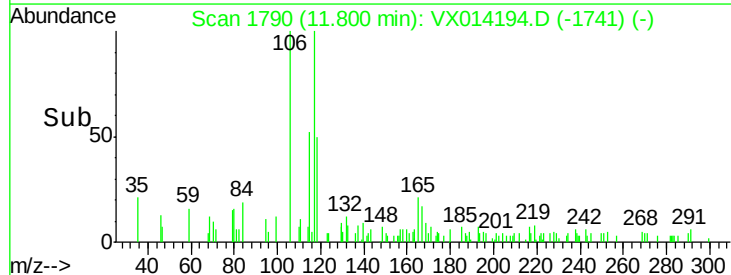
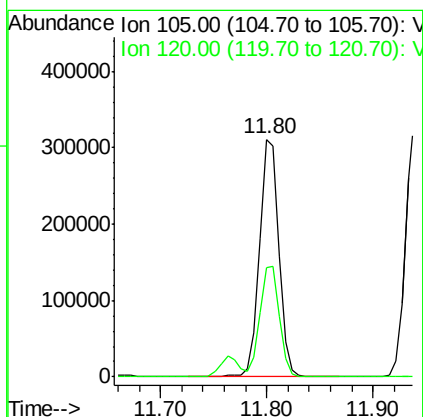
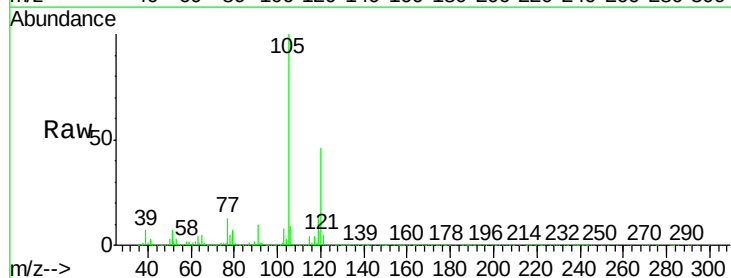
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBS01

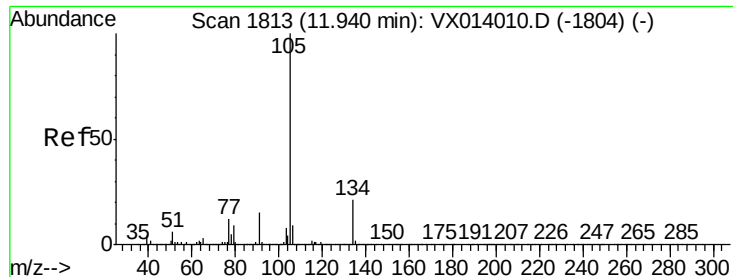
Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.9	28.5	85.6
134	24.7	12.2	36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 18.429 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014194.D
 Acq: 23 Dec 2019 11:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.1	69.2





#85

sec-Butylbenzene

Concen: 17.811 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

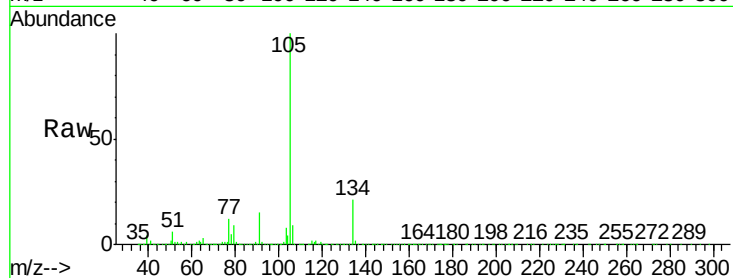
VX1223WBS01

Tgt Ion:105 Resp: 440171

Ion Ratio Lower Upper

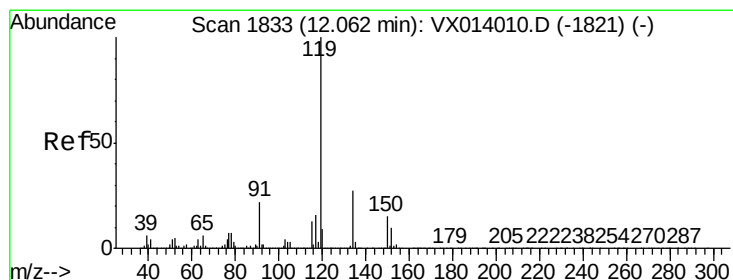
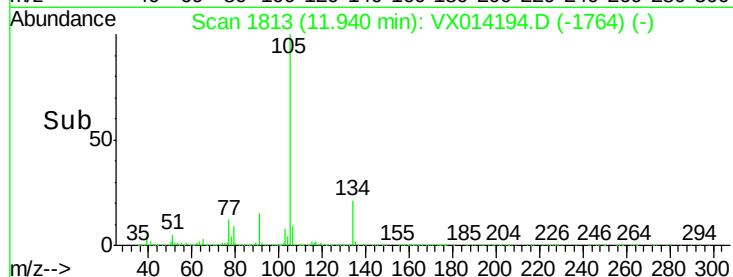
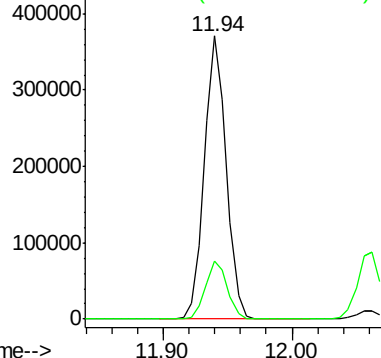
105 100

134 20.7 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.014 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

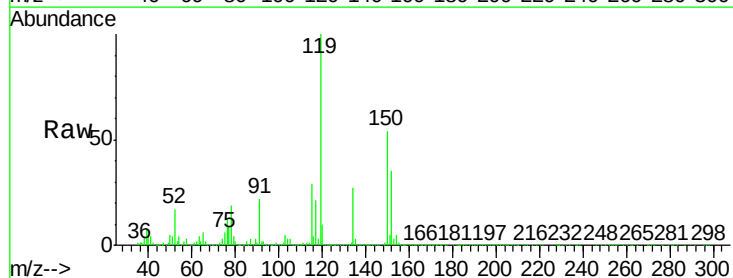
Tgt Ion:119 Resp: 407233

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

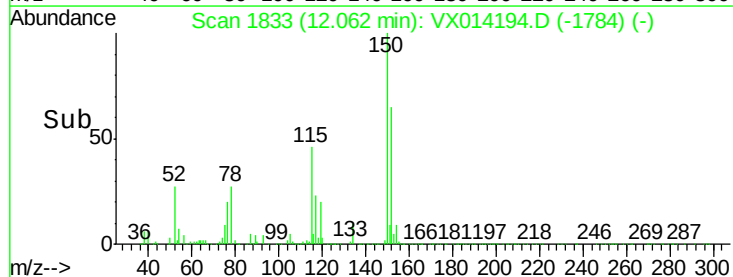
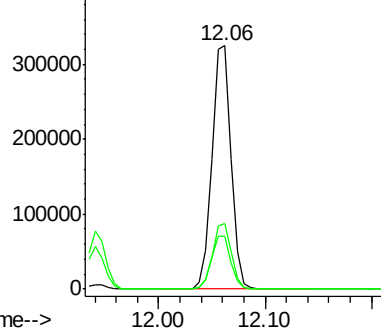
91 22.1 11.4 34.1

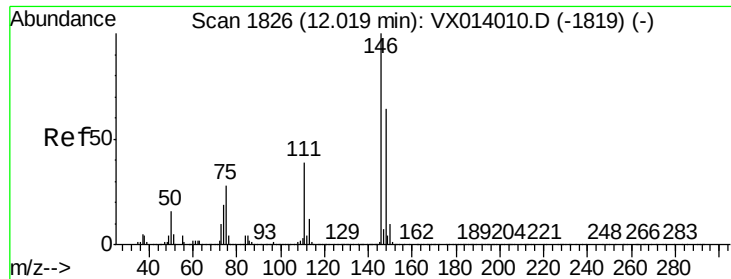


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 17.881 ug/l

RT: 12.02 min Scan# 1826

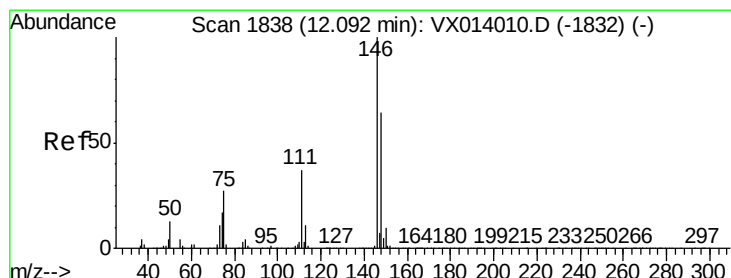
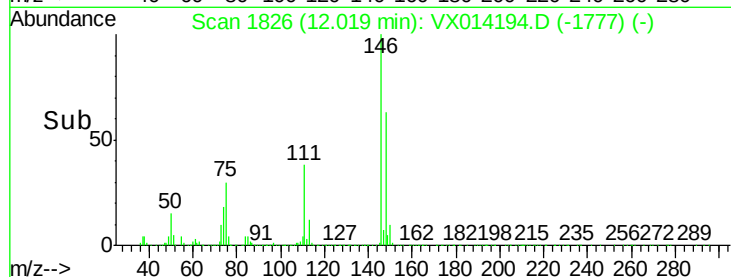
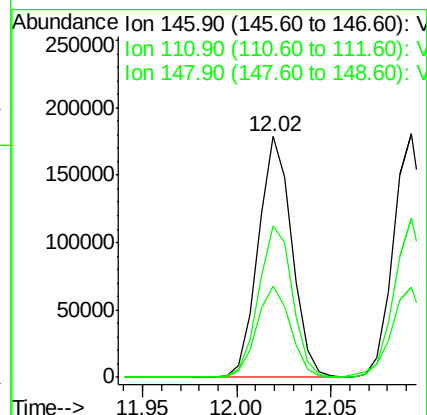
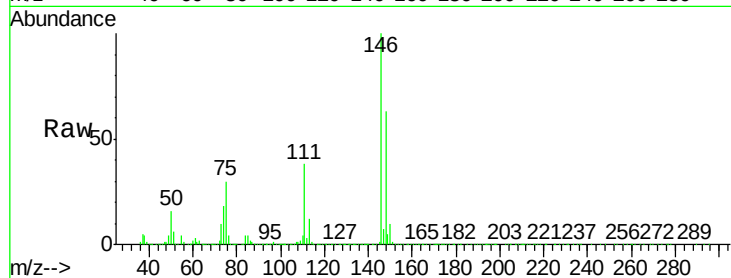
Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	63.3	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 17.657 ug/l

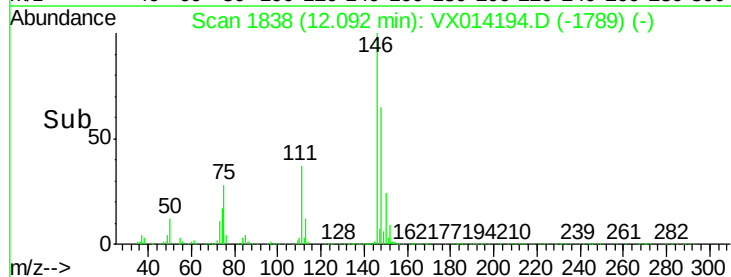
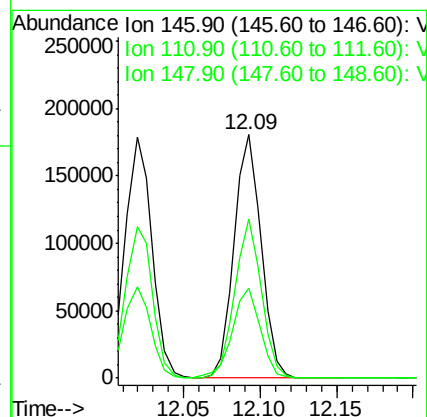
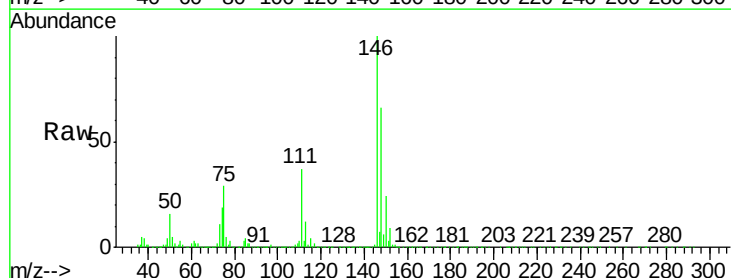
RT: 12.09 min Scan# 1838

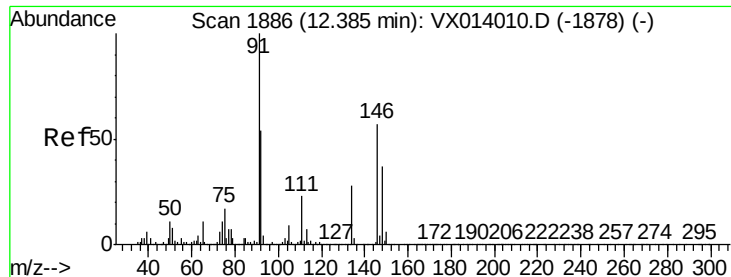
Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.7	56.1
148	64.0	31.9	95.9

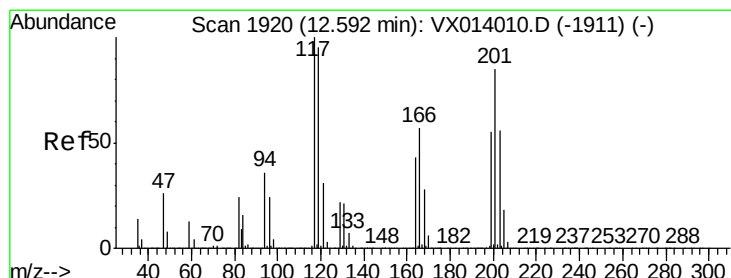
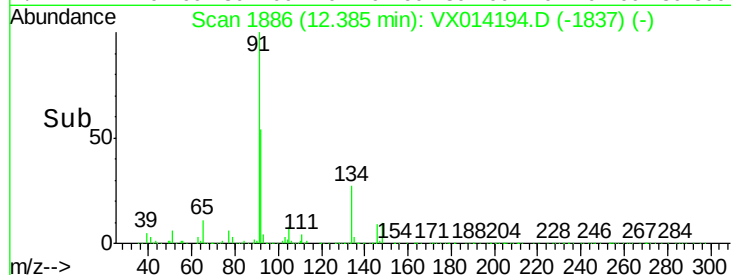
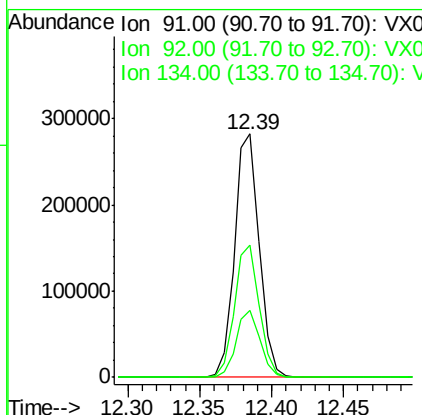
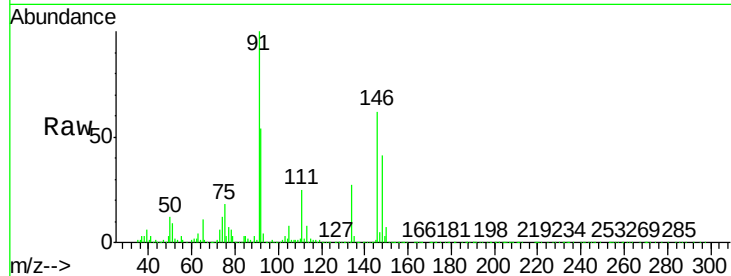




#89
n-Butylbenzene
Concen: 17.498 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

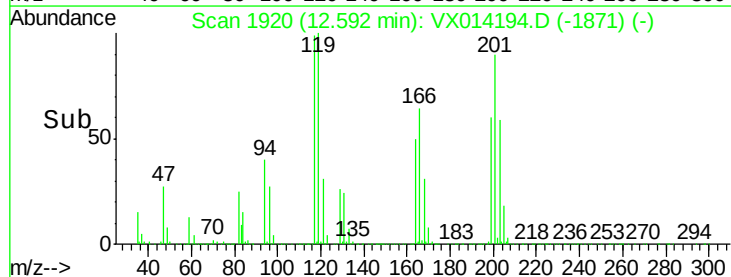
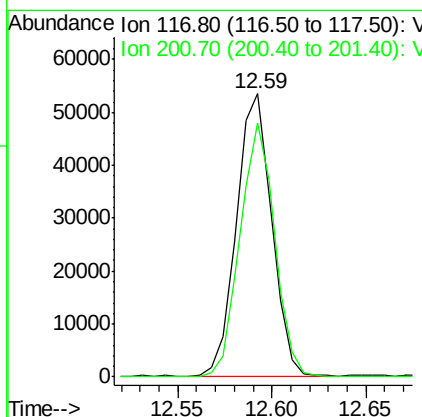
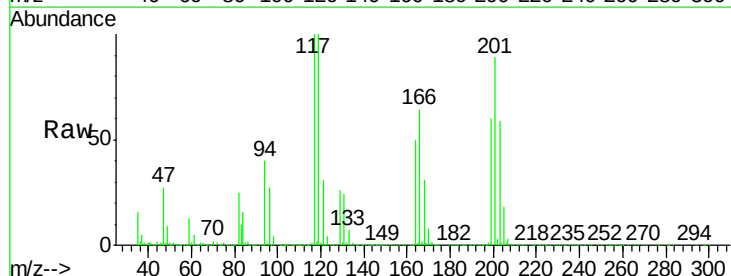
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

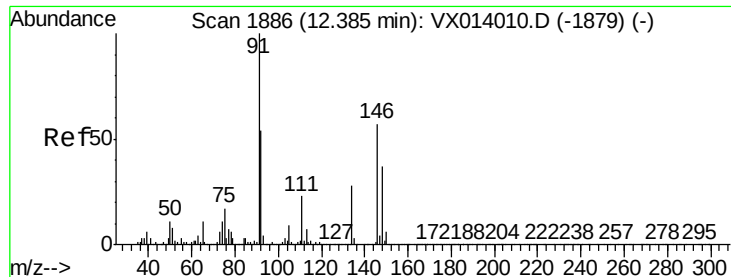
Tgt Ion: 91 Resp: 337515
Ion Ratio Lower Upper
91 100
92 54.4 27.2 81.6
134 26.8 13.4 40.1



#90
Hexachloroethane
Concen: 17.047 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion: 117 Resp: 69218
Ion Ratio Lower Upper
117 100
201 88.2 43.1 129.3

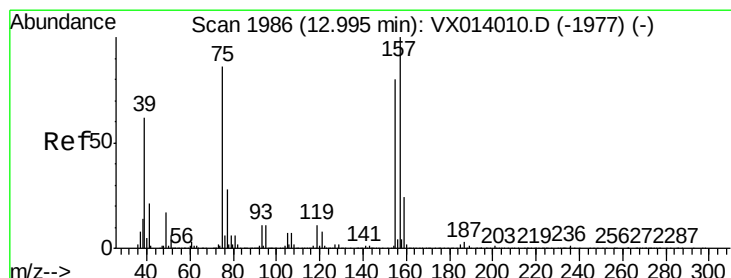
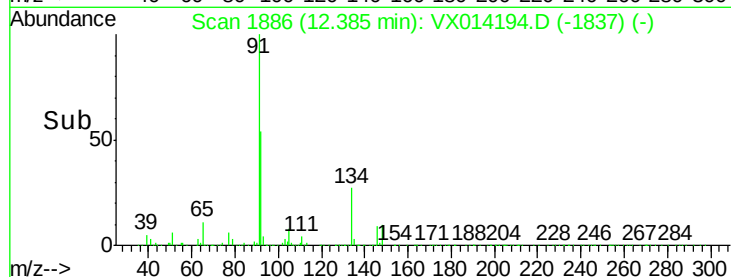
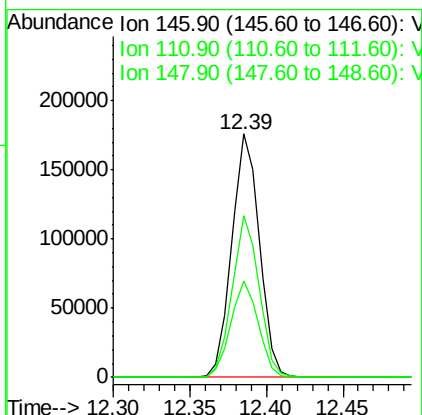
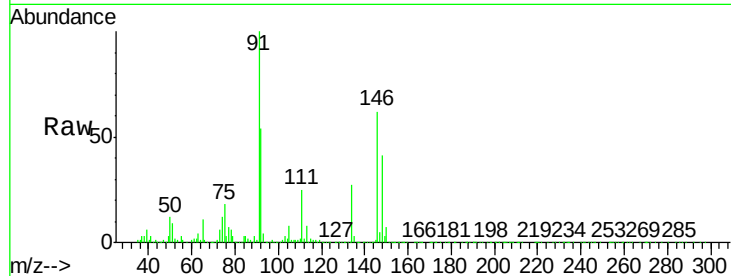




#91
 1,2-Dichlorobenzene
 Concen: 17.705 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014194.D
 Acq: 23 Dec 2019 11:48

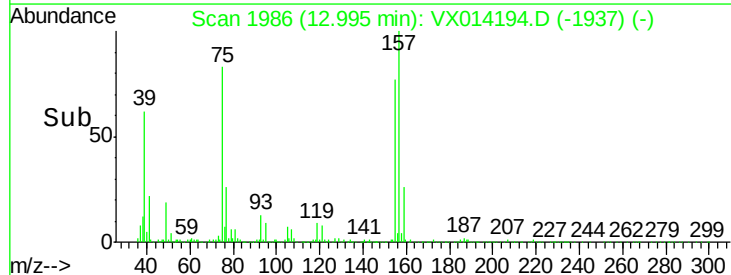
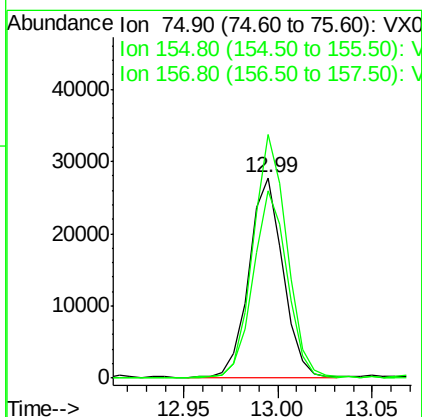
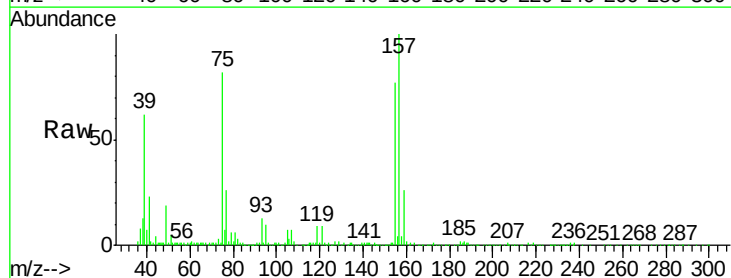
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBS01

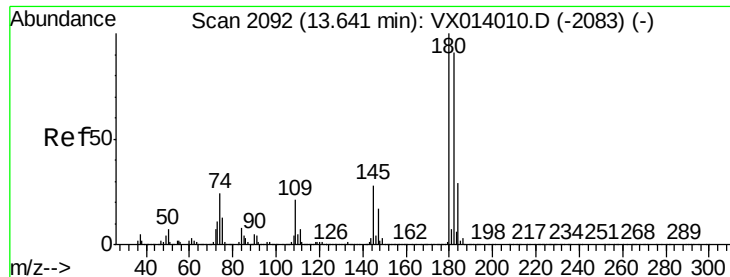
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.7	59.1
148	64.9	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.480 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014194.D
 Acq: 23 Dec 2019 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.1	46.9	140.6
157	123.3	60.8	182.4

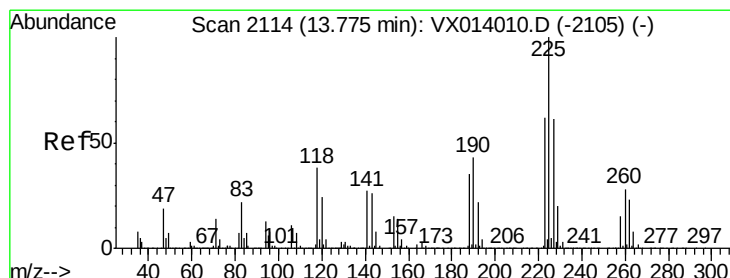
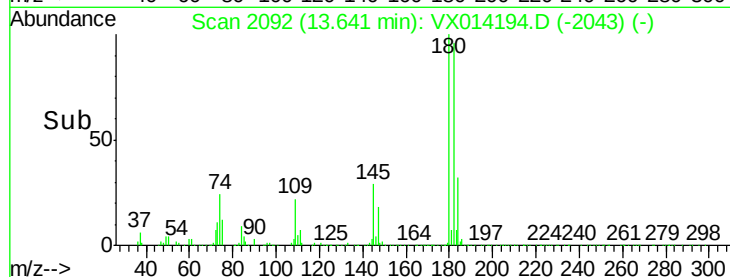
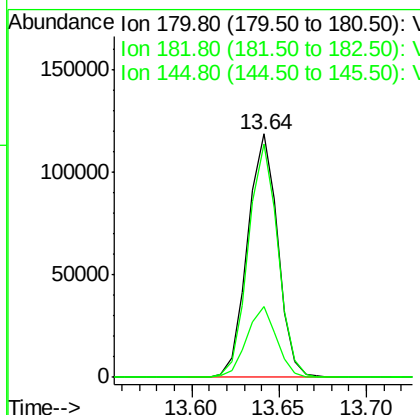
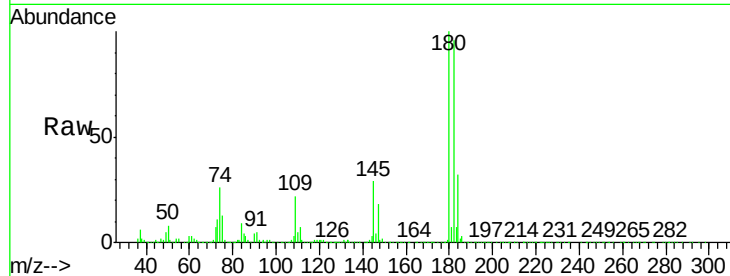




#93
 1,2,4-Trichlorobenzene
 Concen: 17.743 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014194.D
 Acq: 23 Dec 2019 11:48

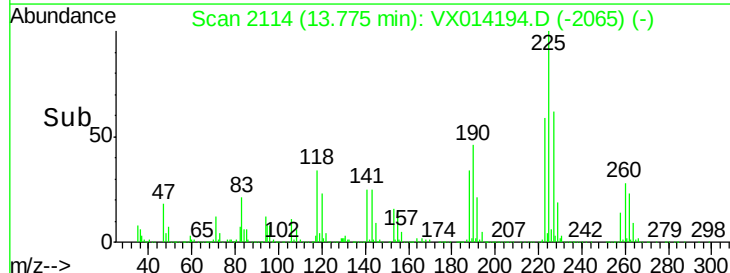
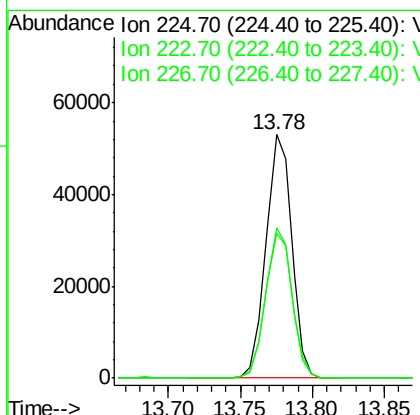
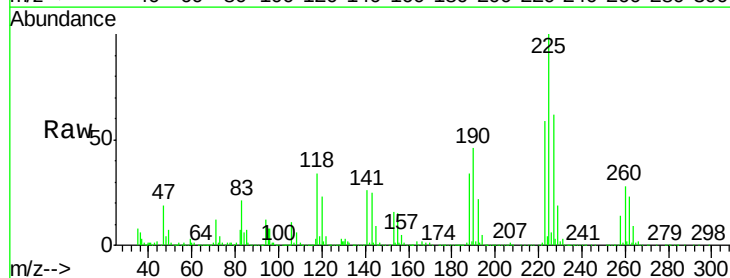
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBS01

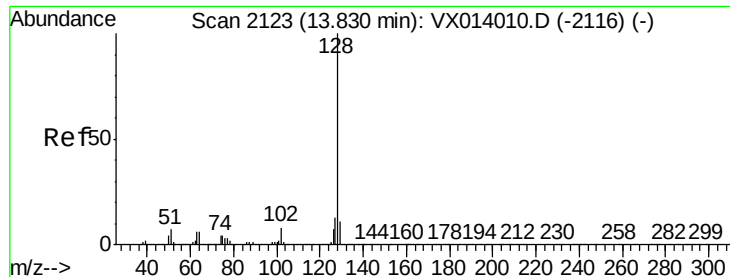
Tgt Ion:180 Resp: 143083
 Ion Ratio Lower Upper
 180 100
 182 94.8 46.6 139.8
 145 28.7 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 16.951 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014194.D
 Acq: 23 Dec 2019 11:48

Tgt Ion:225 Resp: 65694
 Ion Ratio Lower Upper
 225 100
 223 61.4 30.9 92.5
 227 62.6 30.9 92.7

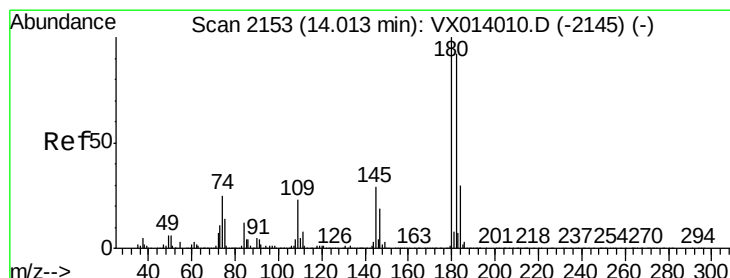
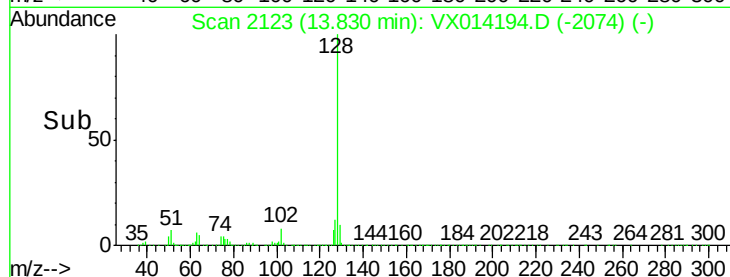
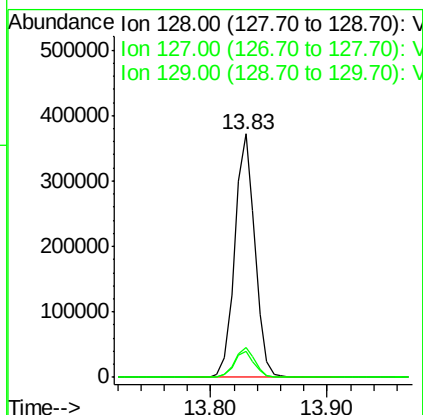
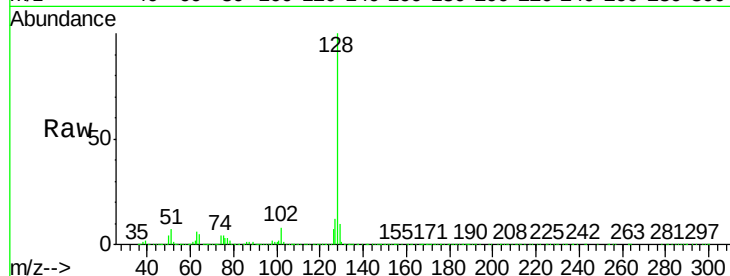




#95
Naphthalene
Concen: 18.783 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 17.939 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	46.8	140.3
145	29.5	14.8	44.4

