

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122419\
 Data File : VX014255.D
 Acq On : 24 Dec 2019 19:08
 Operator : JC/SP
 Sample : K6405-07MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 996-MW-15-(17)MS

Quant Time: Dec 25 05:44:50 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	483179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	766167	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	688774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	338475	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	280790	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
35) Dibromofluoromethane	5.49	113	234066	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	8.71	98	891333	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
62) 4-Bromofluorobenzene	11.13	95	320373	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	187074	43.277	ug/l	100
3) Chloromethane	1.32	50	271677	46.832	ug/l	99
4) Vinyl Chloride	1.40	62	292601	47.801	ug/l	100
5) Bromomethane	1.63	94	193558	44.552	ug/l	97
6) Chloroethane	1.71	64	186683	49.414	ug/l	95
7) Trichlorofluoromethane	1.92	101	370202	48.856	ug/l	100
8) Diethyl Ether	2.18	74	173065	48.665	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	218662	47.872	ug/l	100
10) Methyl Iodide	2.50	142	294429	48.937	ug/l	99
11) Tert butyl alcohol	3.03	59	322593	272.628	ug/l	97
12) 1,1-Dichloroethene	2.36	96	225563	48.530	ug/l	97
13) Acrolein	2.28	56	174487	257.605	ug/l	97
14) Allyl chloride	2.72	41	422296	50.887	ug/l	98
15) Acrylonitrile	3.13	53	740569	268.143	ug/l	99
16) Acetone	2.43	43	624345	175.614	ug/l	100
17) Carbon Disulfide	2.56	76	574910	44.637	ug/l	100
18) Methyl Acetate	2.76	43	345747	49.078	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	793008	51.922	ug/l	100
20) Methylene Chloride	2.85	84	269435	48.126	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	247689	48.372	ug/l	100
22) Diisopropyl ether	3.84	45	879447	53.180	ug/l	95
23) Vinyl Acetate	3.80	43	3452711	255.847	ug/l	100
24) 1,1-Dichloroethane	3.69	63	464903	50.530	ug/l	99
25) 2-Butanone	4.66	43	1027224	234.357	ug/l	99
26) 2,2-Dichloropropane	4.57	77	317347	44.425	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	292450	50.500	ug/l	98
28) Bromochloromethane	5.00	49	197549	55.777	ug/l	96
29) Tetrahydrofuran	5.11	42	672622	274.359	ug/l	99
30) Chloroform	5.20	83	454475	52.107	ug/l	99
31) Cyclohexane	5.57	56	403735	49.338	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	375318	50.490	ug/l	100
36) 1,1-Dichloropropene	5.79	75	334424	47.571	ug/l	99
37) Ethyl Acetate	4.82	43	374931	48.296	ug/l	99
38) Carbon Tetrachloride	5.78	117	317402	49.561	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	390438	44.979	ug/l	100
40) Benzene	6.14	78	1062137	49.104	ug/l	100
41) Methacrylonitrile	5.03	41	228128	52.962	ug/l	96
42) 1,2-Dichloroethane	6.18	62	362803	49.481	ug/l	99
43) Isopropyl Acetate	6.43	43	630782	49.098	ug/l	100
44) Trichloroethene	7.21	130	282565	47.295	ug/l	98
45) 1,2-Dichloropropane	7.51	63	279759	50.461	ug/l	98
46) Dibromomethane	7.65	93	175821	47.967	ug/l	99
47) Bromodichloromethane	7.89	83	347181	50.291	ug/l	99
48) Methyl methacrylate	7.76	41	324850	51.636	ug/l	99
49) 1,4-Dioxane	7.73	88	133805	1045.142	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2087817	258.761	ug/l	99
52) Toluene	8.78	92	658593	48.171	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	379547	50.141	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	420700	49.887	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	272040	49.646	ug/l	99
56) Ethyl methacrylate	9.17	69	443164	51.486	ug/l	99
57) 1,3-Dichloropropane	9.37	76	464151	50.345	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.26	63	949	0.291	ug/l	89
59) 2-Hexanone	9.48	43	1579226	243.139	ug/l	99
60) Dibromochloromethane	9.57	129	281823	51.741	ug/l	99
61) 1,2-Dibromoethane	9.67	107	283060	50.488	ug/l	100
64) Tetrachloroethene	9.33	164	278501	45.695	ug/l	99
65) Chlorobenzene	10.14	112	714869	48.813	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	263509	50.393	ug/l	99
67) Ethyl Benzene	10.25	91	1245344	49.461	ug/l	100
68) m/p-Xylenes	10.36	106	940021	97.071	ug/l	99
69) o-Xylene	10.70	106	467452	49.218	ug/l	99
70) Styrene	10.71	104	791013	49.253	ug/l	99
71) Bromoform	10.85	173	216196	51.435	ug/l	100
73) Isopropylbenzene	11.01	105	1214432	50.960	ug/l	100
74) N-amyl acetate	10.89	43	536115	47.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	423668	51.279	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	477743	65.015	ug/l	88
77) Bromobenzene	11.25	156	318233	48.535	ug/l	99
78) n-propylbenzene	11.35	91	1356585	50.750	ug/l	100
79) 2-Chlorotoluene	11.42	91	810748	49.895	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	999311	49.825	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	131228	50.406	ug/l	97
82) 4-Chlorotoluene	11.51	91	930870	49.387	ug/l	98
83) tert-Butylbenzene	11.76	119	1003325	51.404	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1019870	50.777	ug/l	100
85) sec-Butylbenzene	11.94	105	1162400	50.447	ug/l	99
86) p-Isopropyltoluene	12.06	119	1055684	50.087	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	544333	47.368	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	542101	46.394	ug/l	100
89) n-Butylbenzene	12.39	91	890234	49.500	ug/l	100
90) Hexachloroethane	12.59	117	191572	50.603	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	555817	48.047	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	88076	48.172	ug/l	98

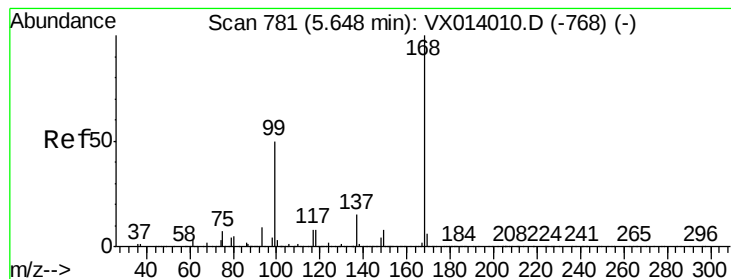
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	355740	47.314	ug/l	99
94) Hexachlorobutadiene	13.78	225	165352	45.759	ug/l	96
95) Naphthalene	13.83	128	1104462	49.997	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	362558	48.848	ug/l	98

(#) = 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: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

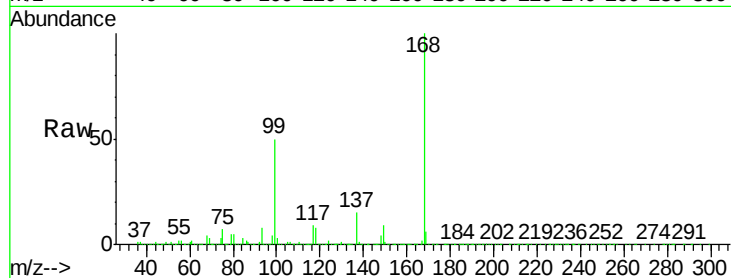
996-MW-15-(17)MS

Tgt Ion:168 Resp: 483179

Ion Ratio Lower Upper

168 100

99 50.3 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

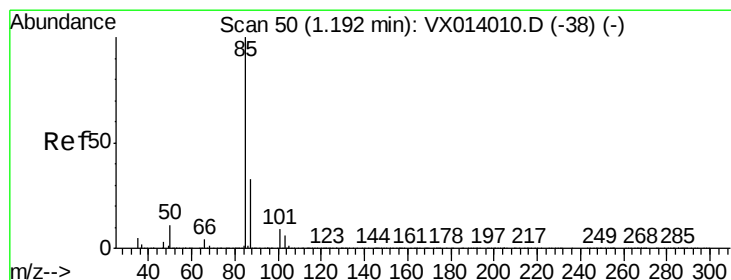
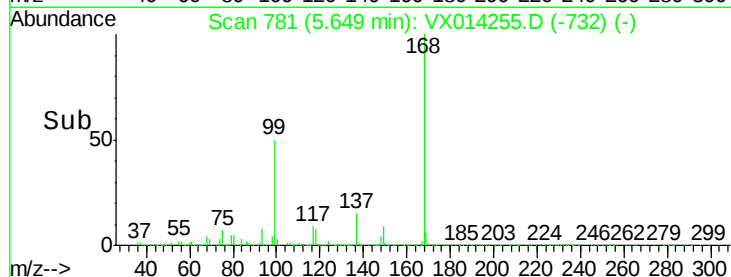
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.277 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014255.D

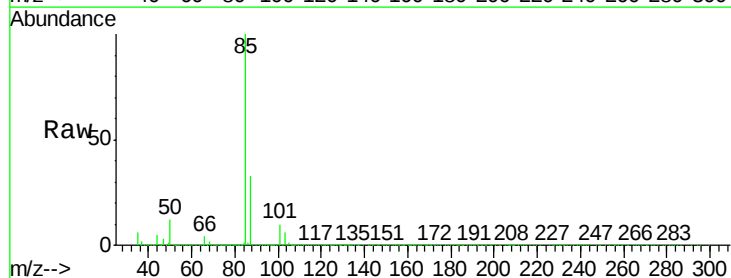
Acq: 24 Dec 2019 19:08

Tgt Ion: 85 Resp: 187074

Ion Ratio Lower Upper

85 100

87 32.7 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

200000

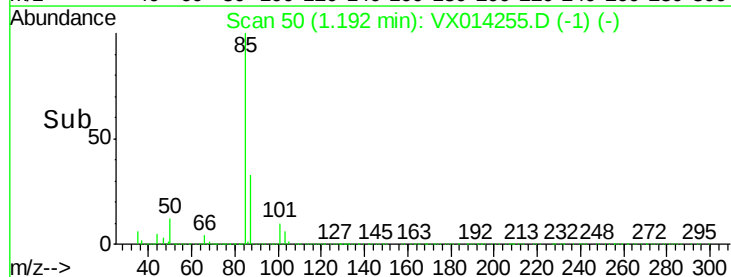
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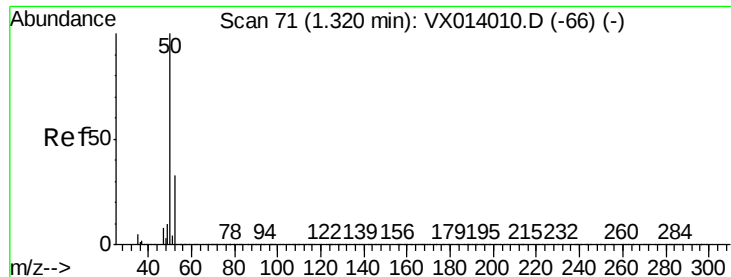
100000

50000

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Time-->





#3

Chloromethane

Concen: 46.832 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

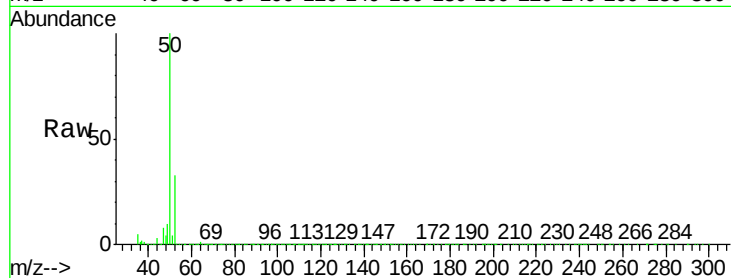
996-MW-15-(17)MS

Tgt Ion: 50 Resp: 271677

Ion Ratio Lower Upper

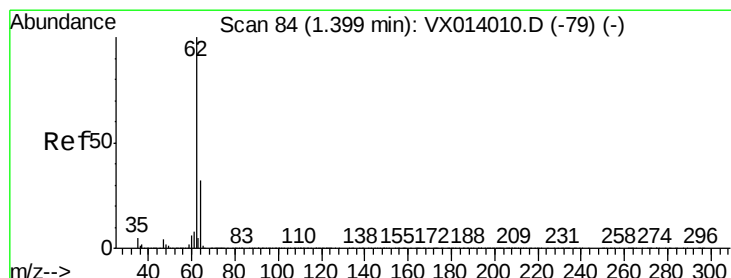
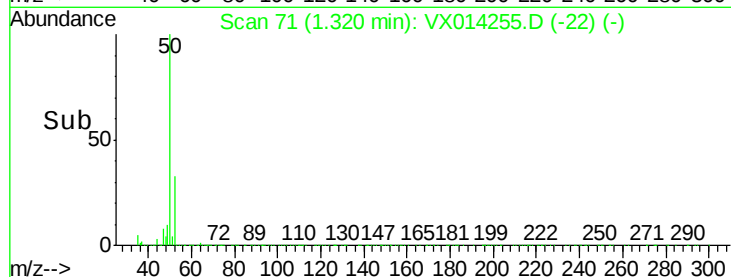
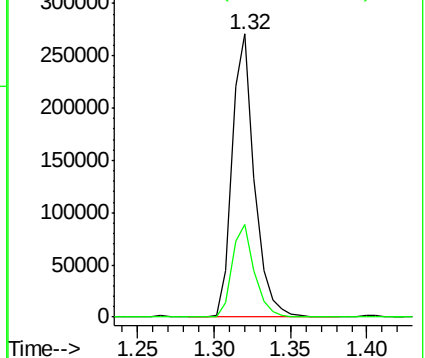
50 100

52 32.4 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.801 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014255.D

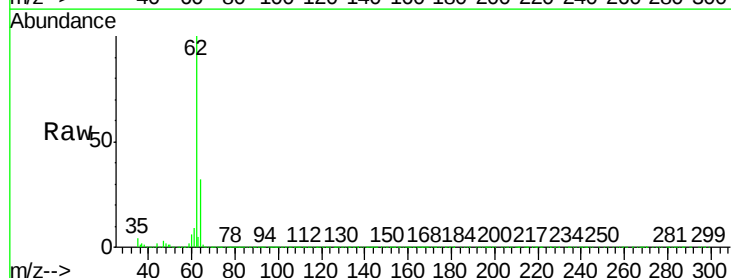
Acq: 24 Dec 2019 19:08

Tgt Ion: 62 Resp: 292601

Ion Ratio Lower Upper

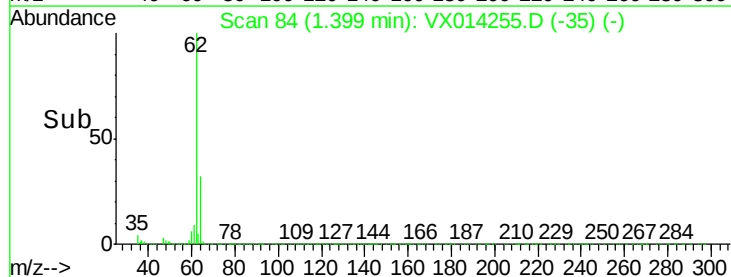
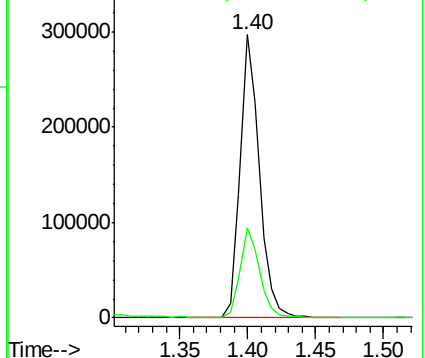
62 100

64 31.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.552 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

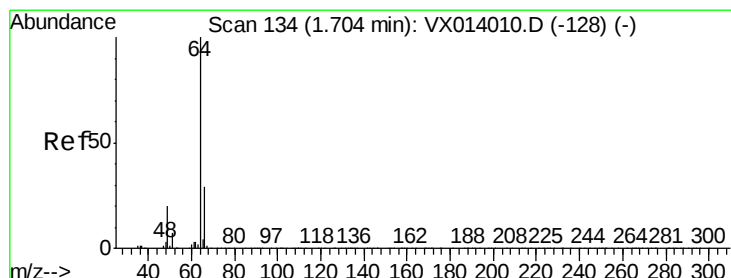
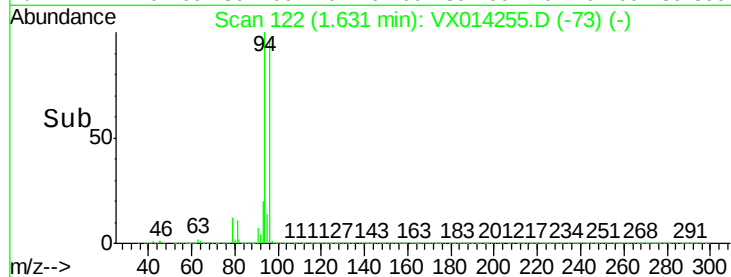
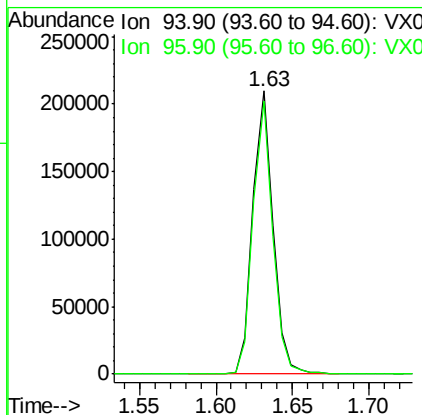
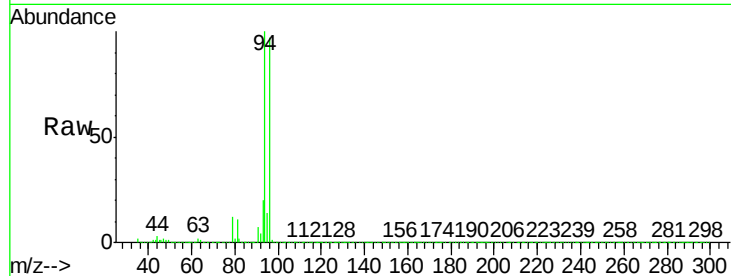
996-MW-15-(17)MS

Tgt Ion: 94 Resp: 193558

Ion Ratio Lower Upper

94 100

96 96.5 75.2 112.8



#6

Chloroethane

Concen: 49.414 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014255.D

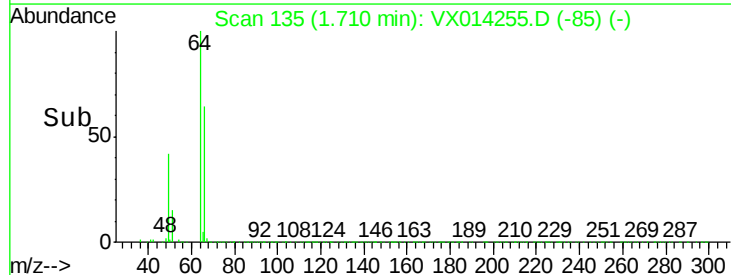
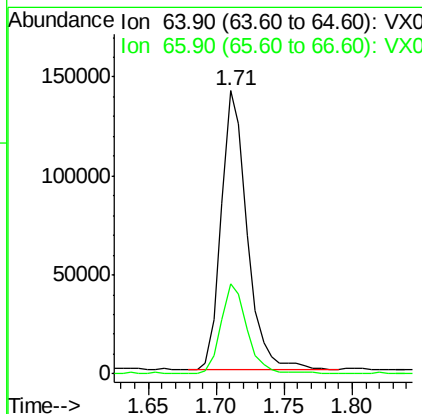
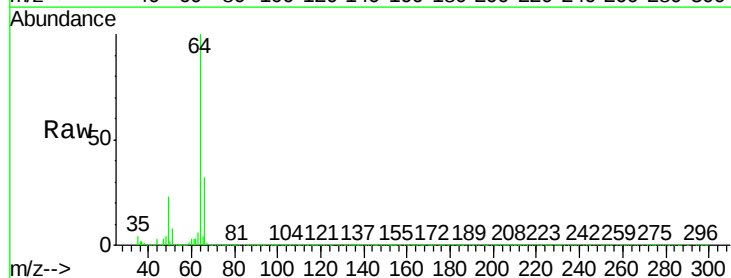
Acq: 24 Dec 2019 19:08

Tgt Ion: 64 Resp: 186683

Ion Ratio Lower Upper

64 100

66 32.2 23.4 35.2



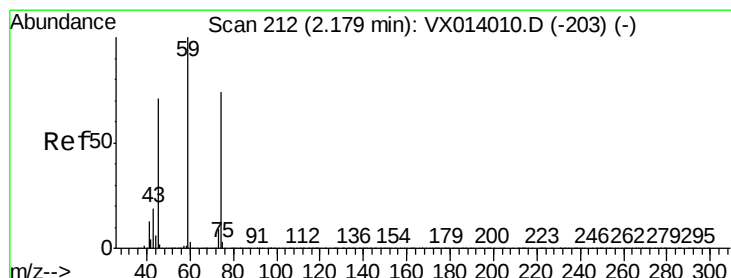
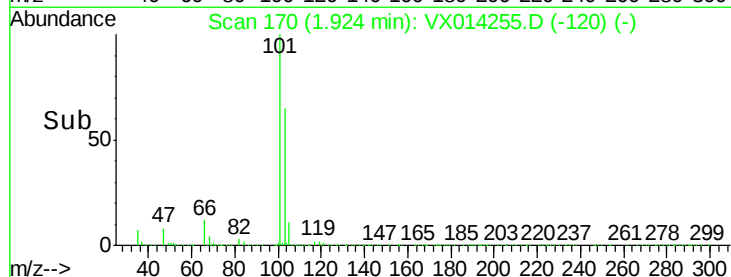
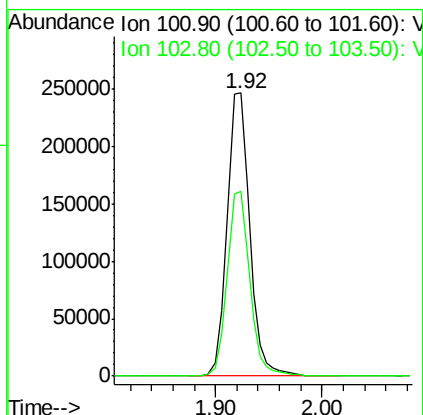
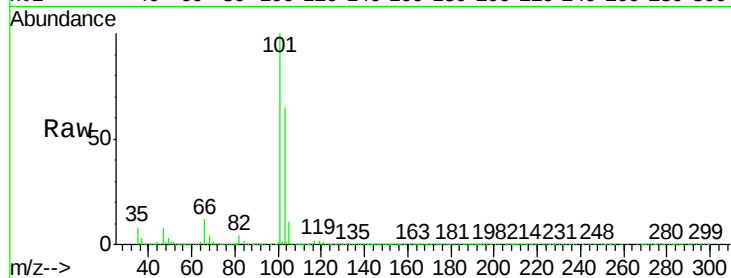


#7

Trichlorofluoromethane
Concen: 48.856 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

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MSVOA_X
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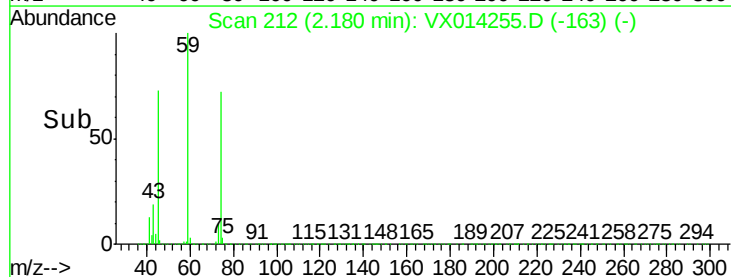
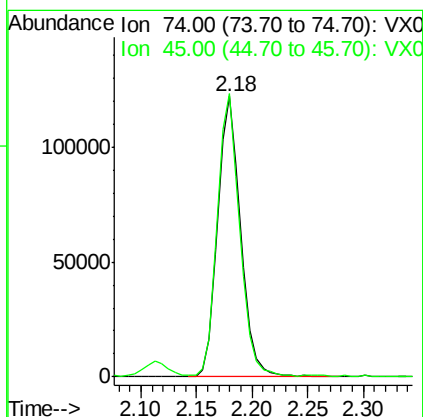
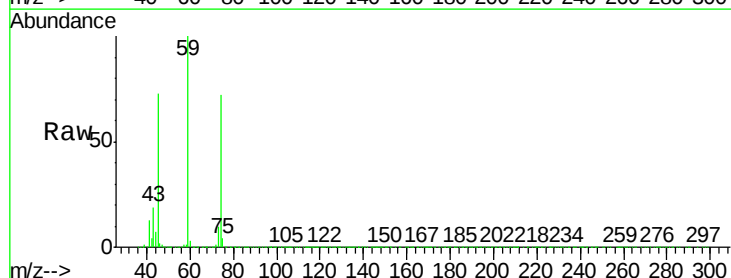
Tgt Ion:101 Resp: 370202
Ion Ratio Lower Upper
101 100
103 65.4 52.2 78.4



#8

Diethyl Ether
Concen: 48.665 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion: 74 Resp: 173065
Ion Ratio Lower Upper
74 100
45 98.5 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.872 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MS

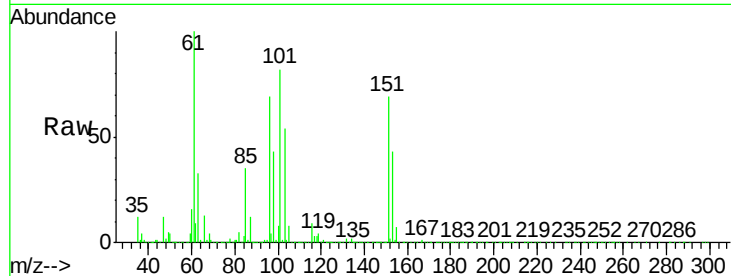
Tgt Ion:101 Resp: 218662

Ion Ratio Lower Upper

101 100

85 41.8 33.7 50.5

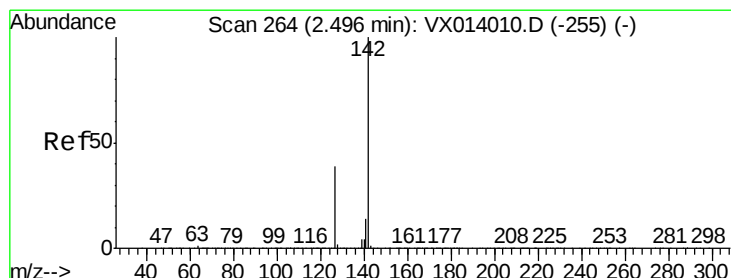
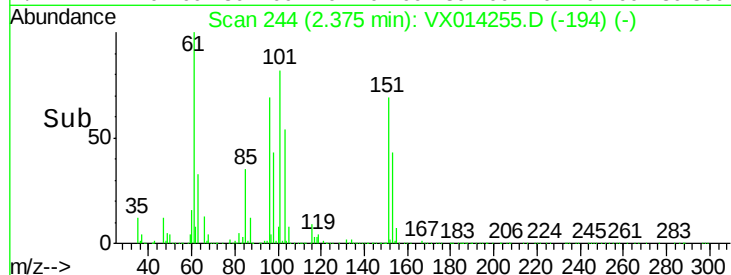
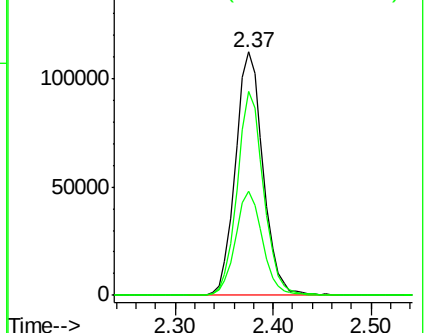
151 80.9 64.5 96.7



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: 48.937 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

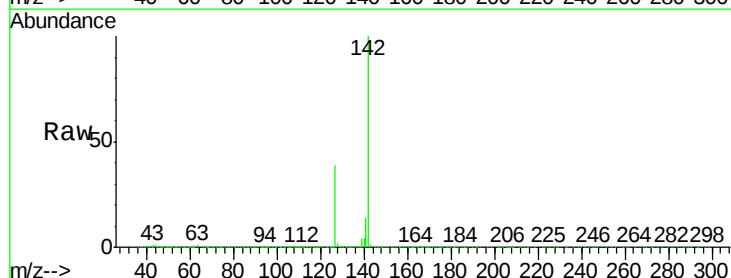
Tgt Ion:142 Resp: 294429

Ion Ratio Lower Upper

142 100

127 39.0 31.6 47.4

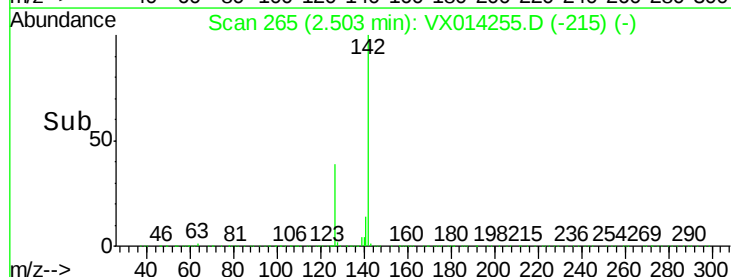
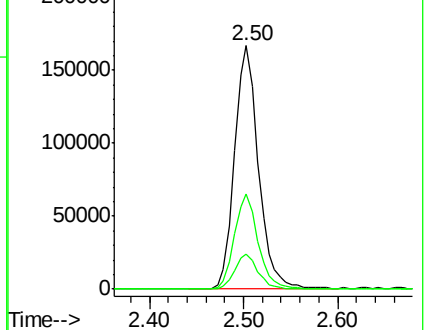
141 14.0 11.6 17.4

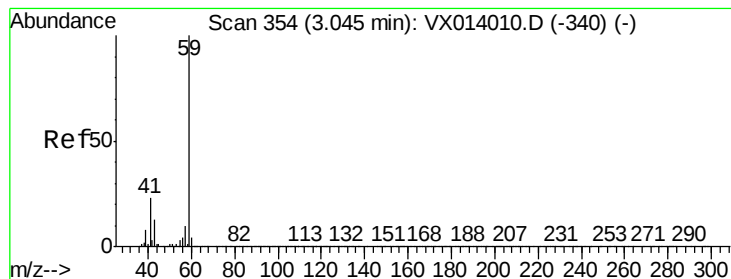


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



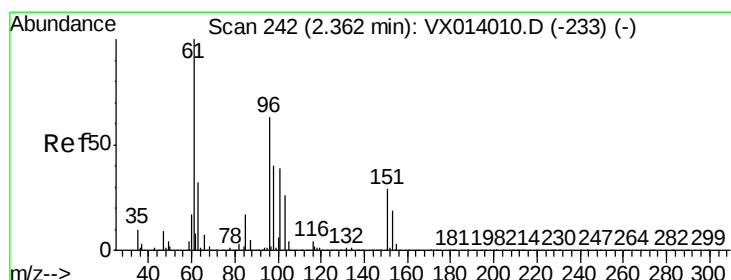
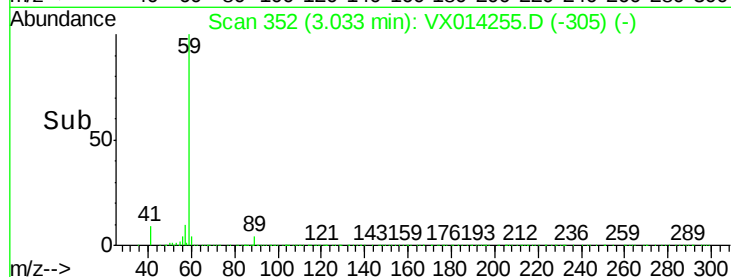
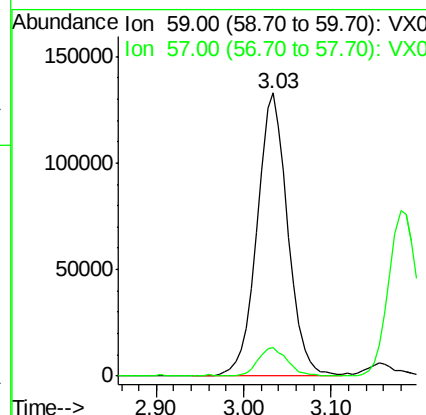
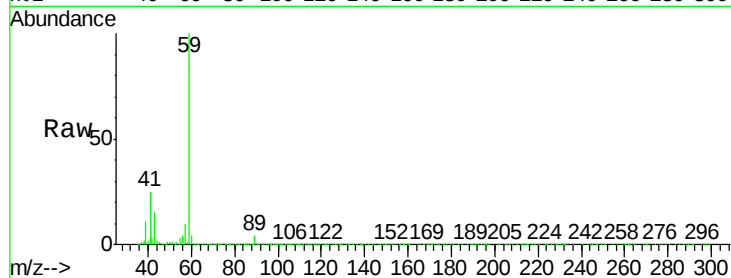


#11

Tert butyl alcohol
Concen: 272.628 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

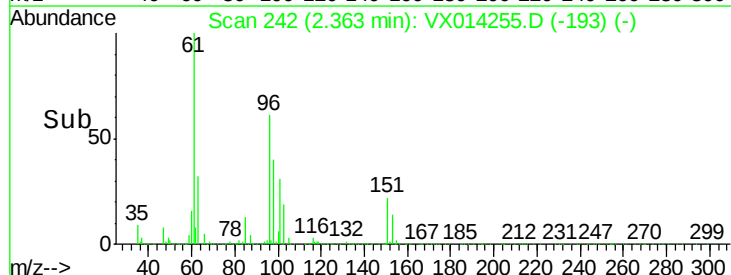
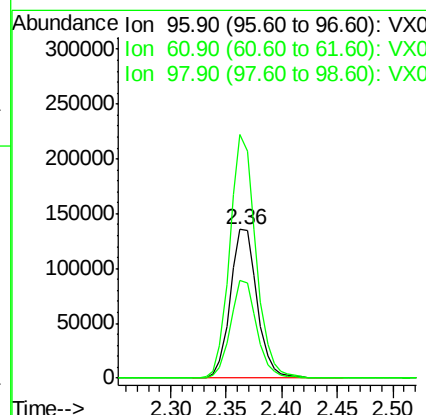
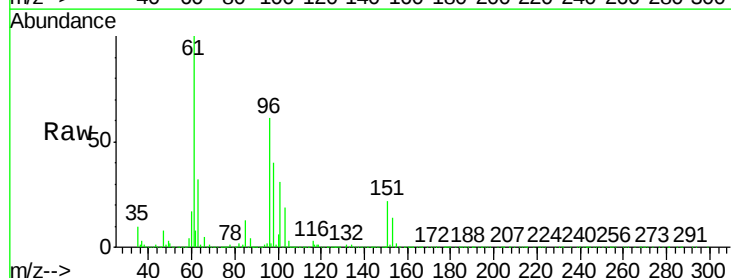
Tgt Ion: 59 Resp: 322593
Ion Ratio Lower Upper
59 100
57 9.4 8.4 12.6

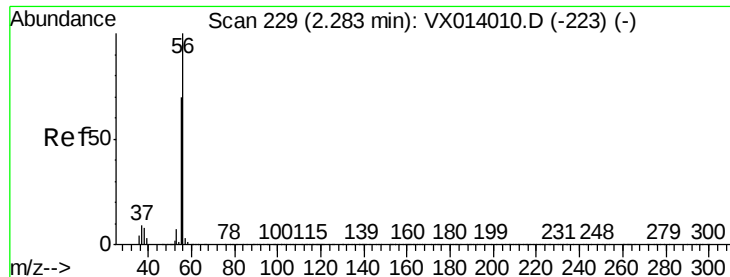


#12

1,1-Dichloroethene
Concen: 48.530 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion: 96 Resp: 225563
Ion Ratio Lower Upper
96 100
61 163.6 127.9 191.9
98 65.3 50.5 75.7

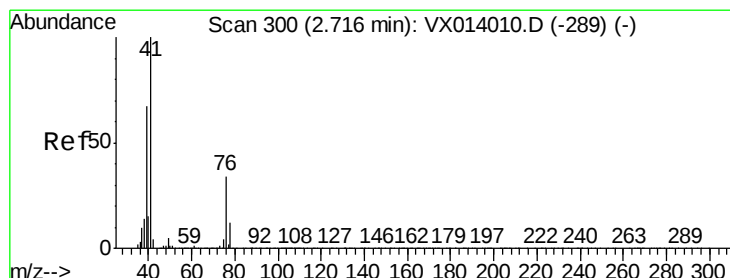
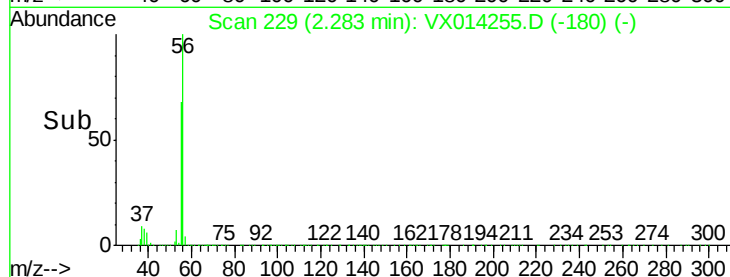
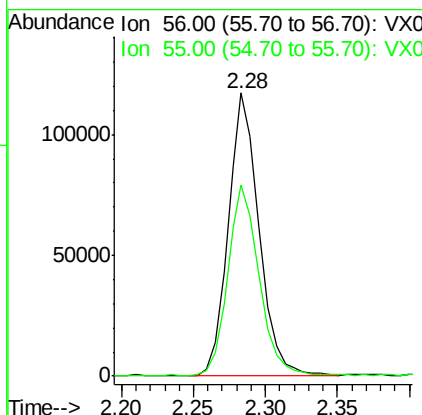
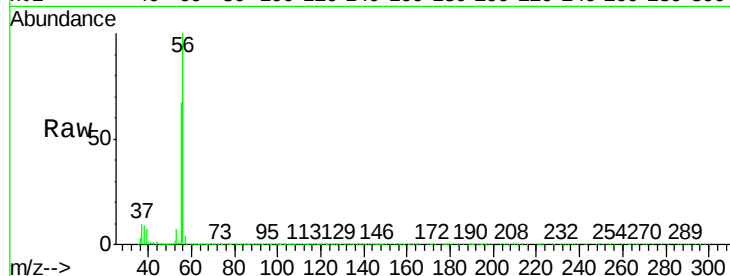




#13
Acrolein
Concen: 257.605 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

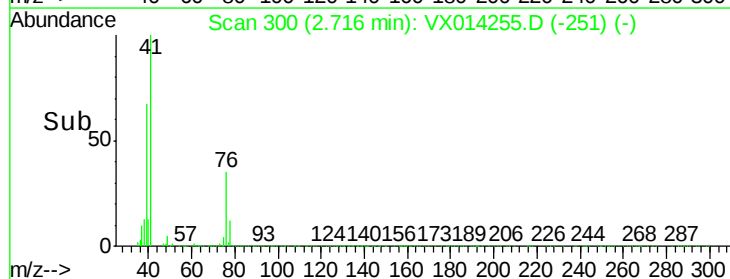
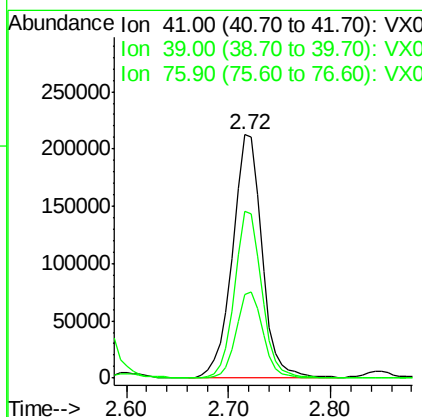
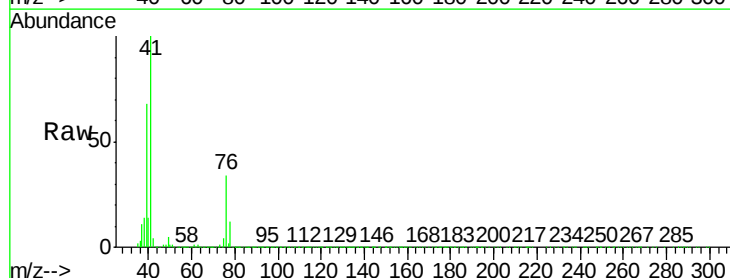
Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

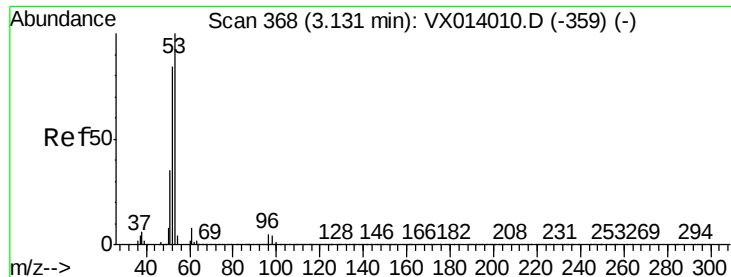
Tgt Ion: 56 Resp: 174487
Ion Ratio Lower Upper
56 100
55 68.9 56.9 85.3



#14
Allyl chloride
Concen: 50.887 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion: 41 Resp: 422296
Ion Ratio Lower Upper
41 100
39 63.0 51.8 77.8
76 31.9 25.9 38.9





#15

Acrylonitrile

Concen: 268.143 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MS

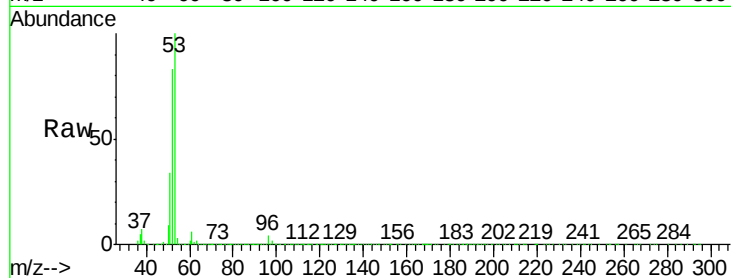
Tgt Ion: 53 Resp: 740569

Ion Ratio Lower Upper

53 100

52 82.3 66.5 99.7

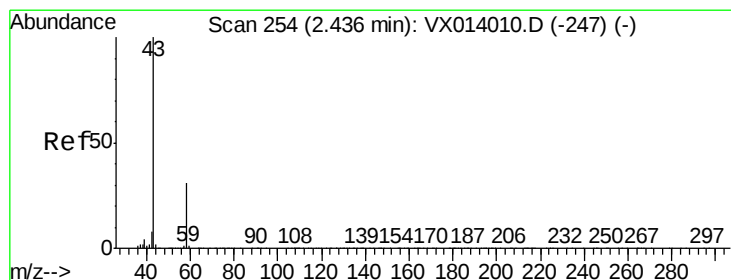
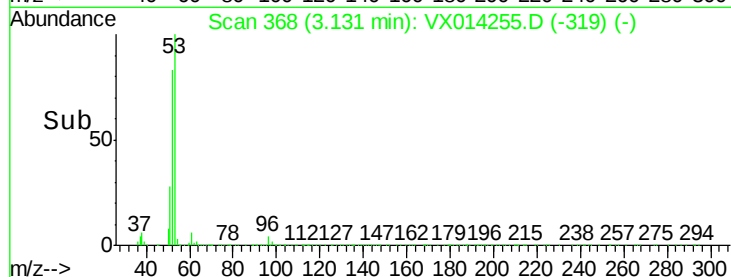
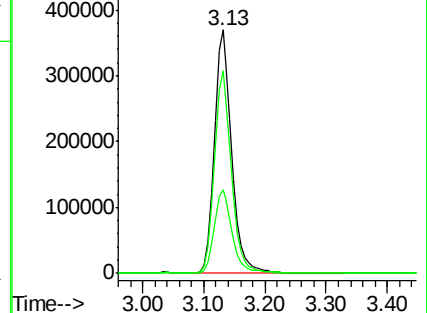
51 35.5 28.1 42.1



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: 175.614 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014255.D

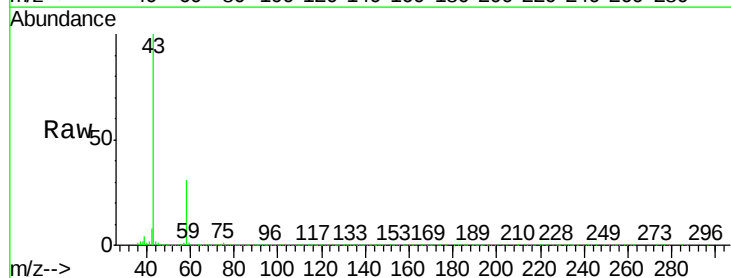
Acq: 24 Dec 2019 19:08

Tgt Ion: 43 Resp: 624345

Ion Ratio Lower Upper

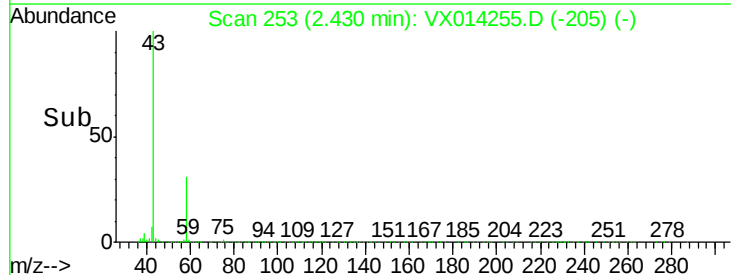
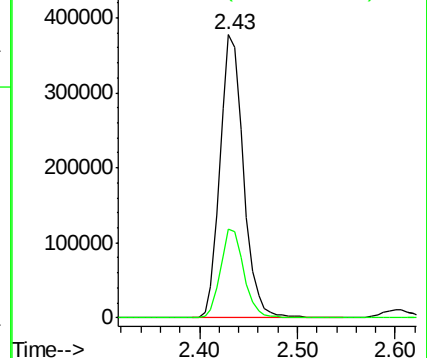
43 100

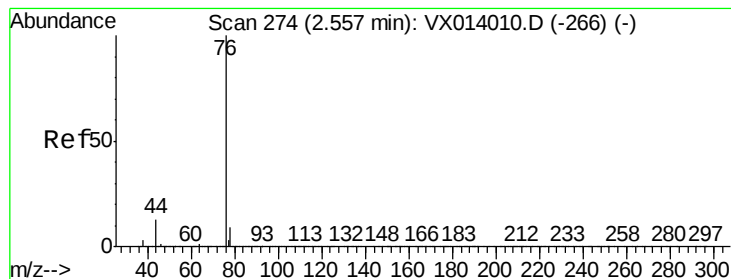
58 31.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 44.637 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

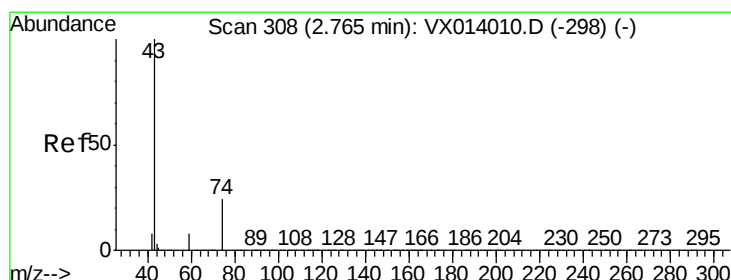
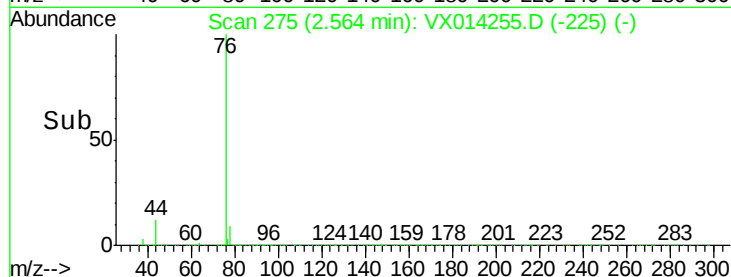
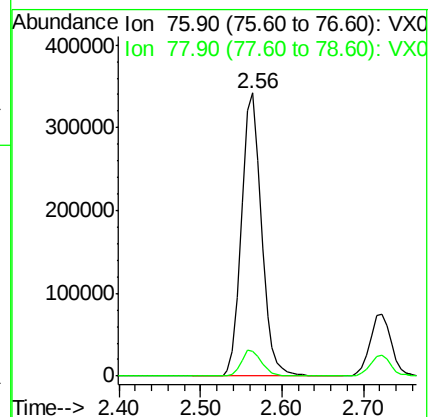
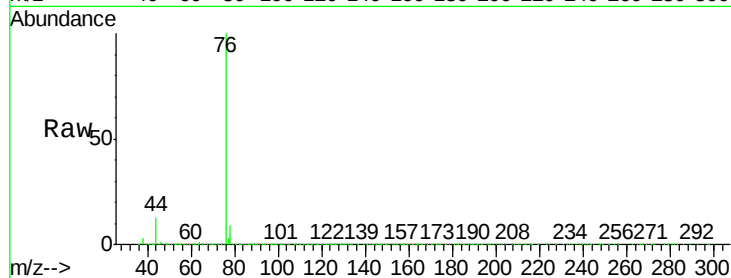
996-MW-15-(17)MS

Tgt Ion: 76 Resp: 574910

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



#18

Methyl Acetate

Concen: 49.078 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014255.D

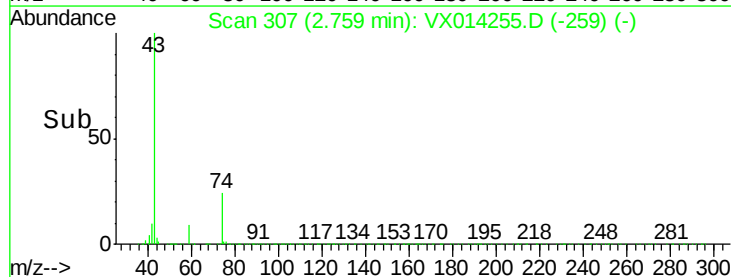
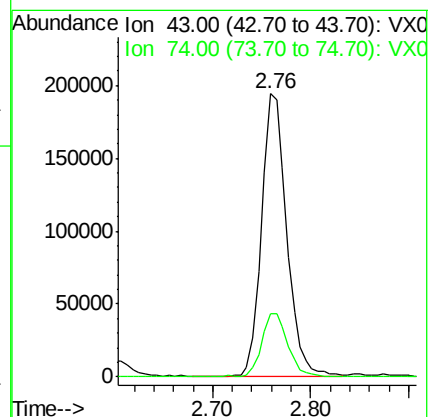
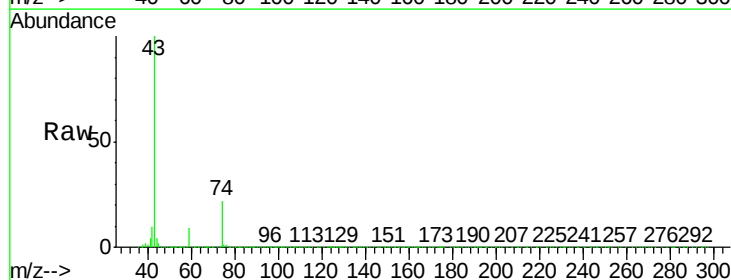
Acq: 24 Dec 2019 19:08

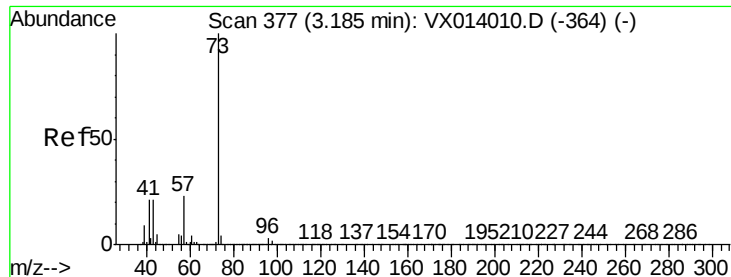
Tgt Ion: 43 Resp: 345747

Ion Ratio Lower Upper

43 100

74 23.6 19.5 29.3





#19

Methyl tert-butyl Ether

Concen: 51.922 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

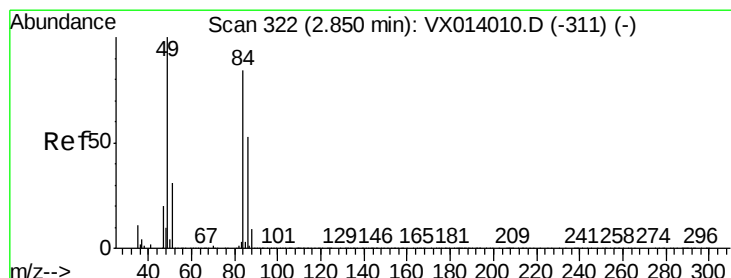
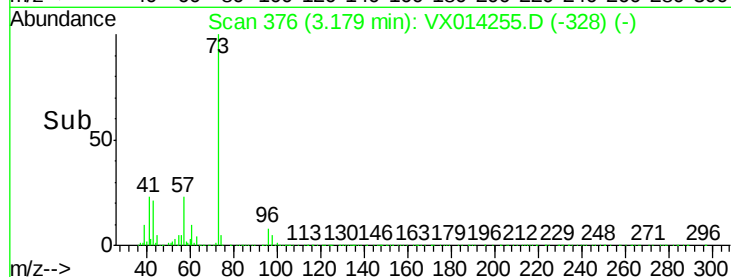
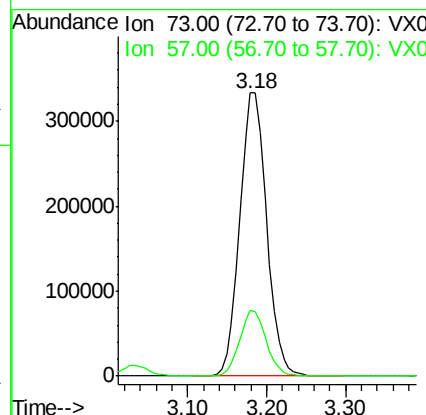
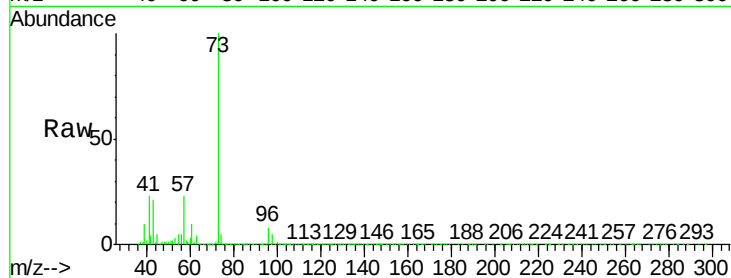
996-MW-15-(17)MS

Tgt Ion: 73 Resp: 793008

Ion Ratio Lower Upper

73 100

57 23.4 18.8 28.2



#20

Methylene Chloride

Concen: 48.126 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Tgt Ion: 84 Resp: 269435

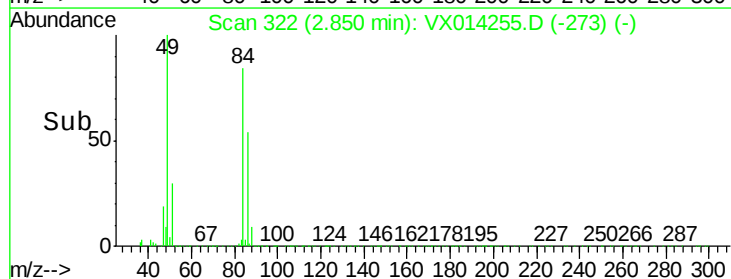
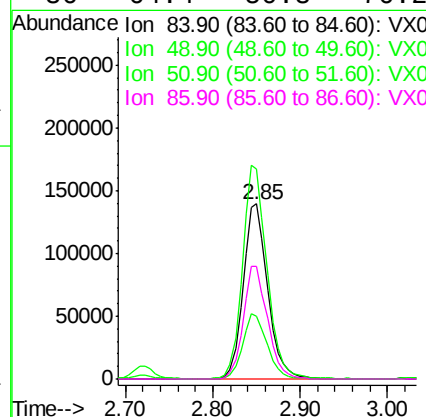
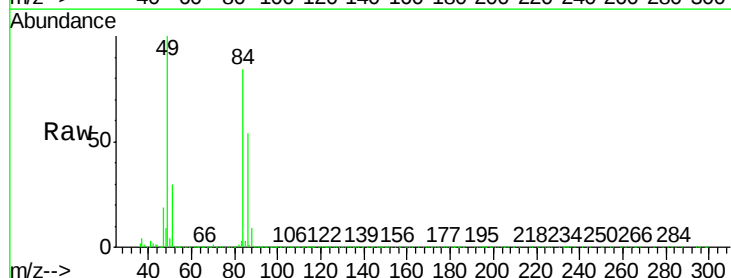
Ion Ratio Lower Upper

84 100

49 119.7 95.8 143.6

51 36.0 29.8 44.8

86 64.4 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 48.372 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MS

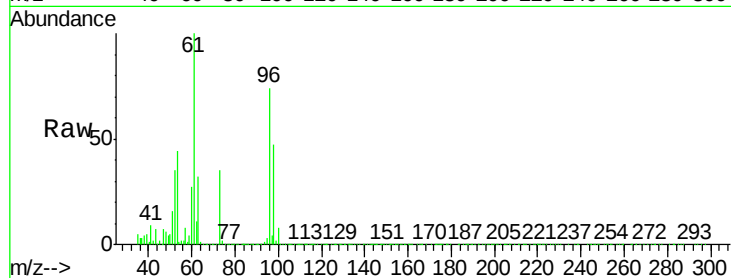
Tgt Ion: 96 Resp: 247689

Ion Ratio Lower Upper

96 100

61 135.6 108.3 162.5

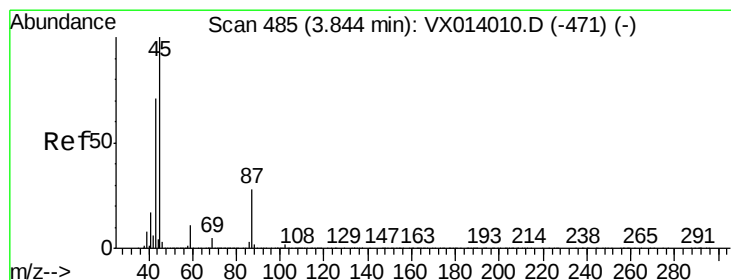
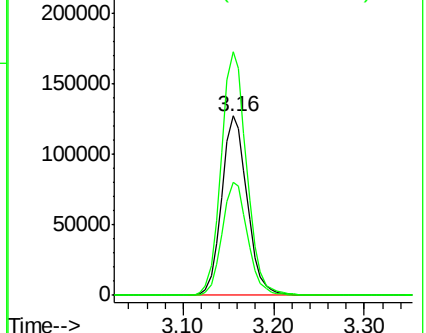
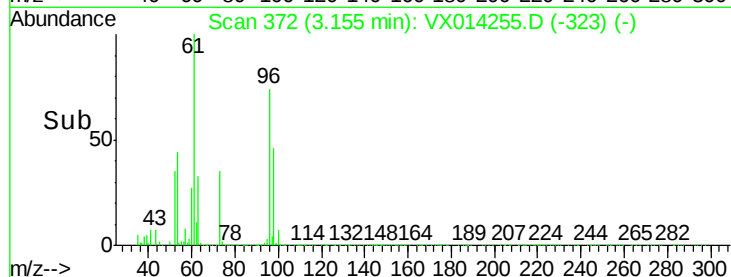
98 63.1 50.8 76.2



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



#22

Diisopropyl ether

Concen: 53.180 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Tgt Ion: 45 Resp: 879447

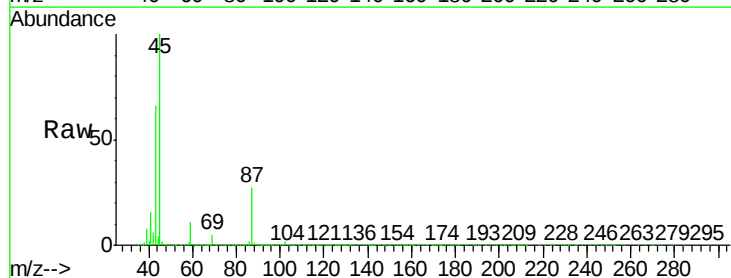
Ion Ratio Lower Upper

45 100

43 66.0 57.4 86.0

87 27.2 21.9 32.9

59 11.0 9.0 13.6

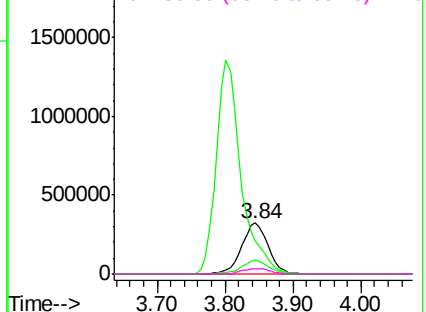
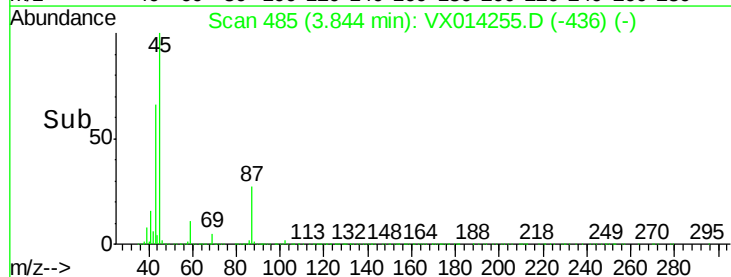


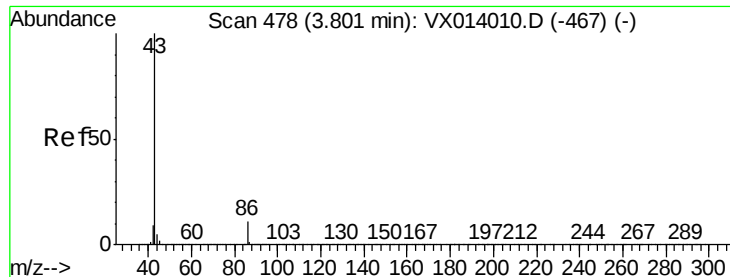
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 255.847 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

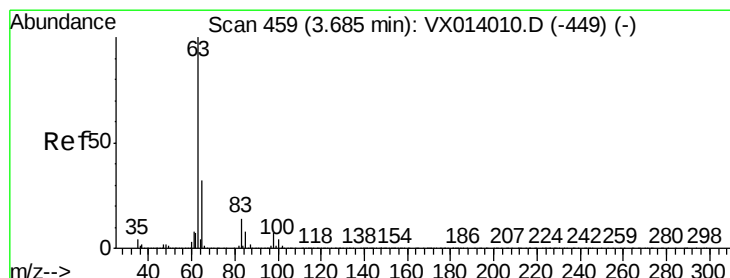
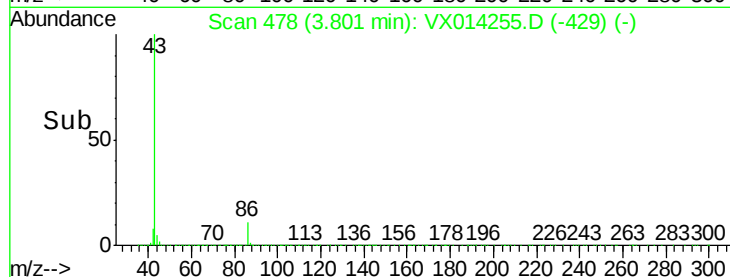
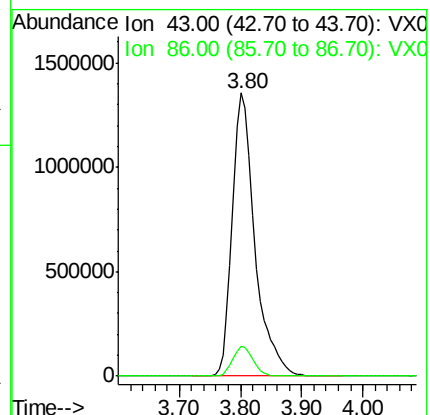
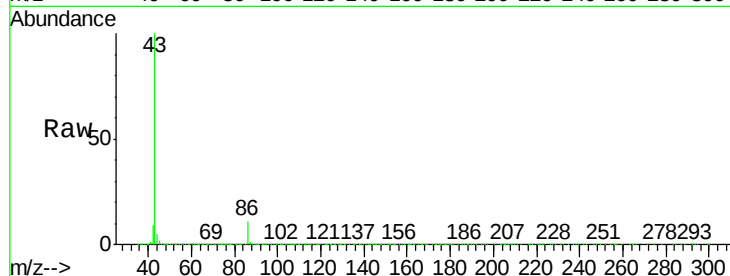
996-MW-15-(17)MS

Tgt Ion: 43 Resp: 3452711

Ion Ratio Lower Upper

43 100

86 10.8 8.6 12.8



#24

1,1-Dichloroethane

Concen: 50.530 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

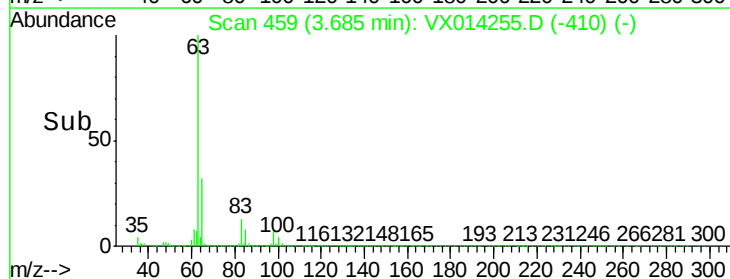
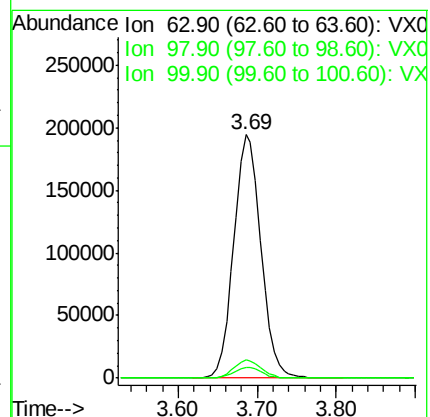
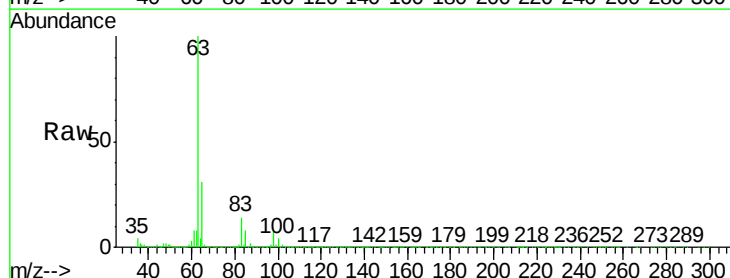
Tgt Ion: 63 Resp: 464903

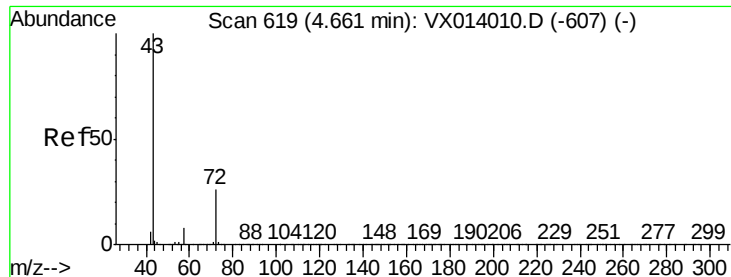
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.2 2.3 6.8





#25

2-Butanone

Concen: 234.357 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

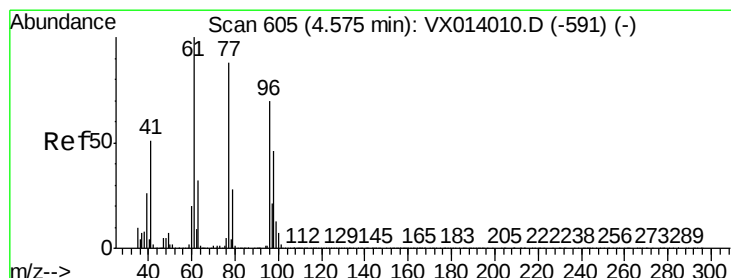
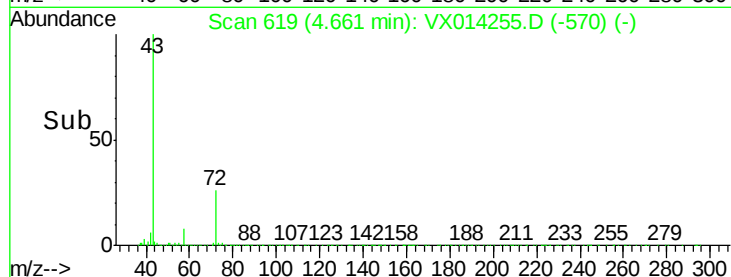
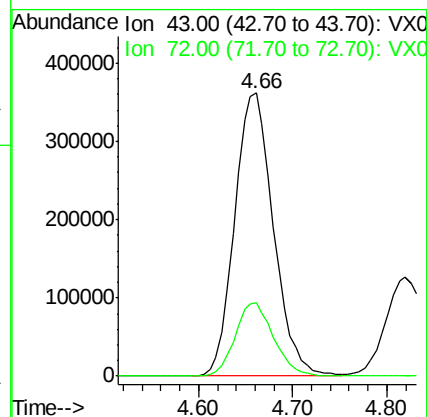
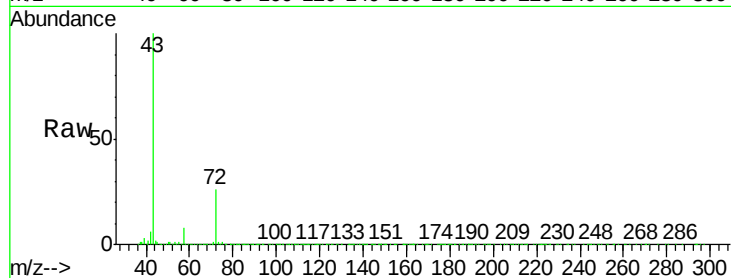
996-MW-15-(17)MS

Tgt Ion: 43 Resp: 1027224

Ion Ratio Lower Upper

43 100

72 25.7 21.0 31.4



#26

2,2-Dichloropropane

Concen: 44.425 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014255.D

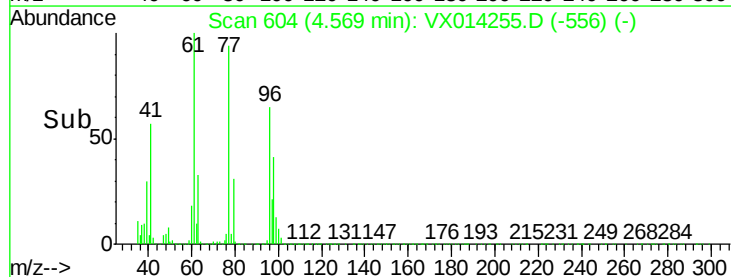
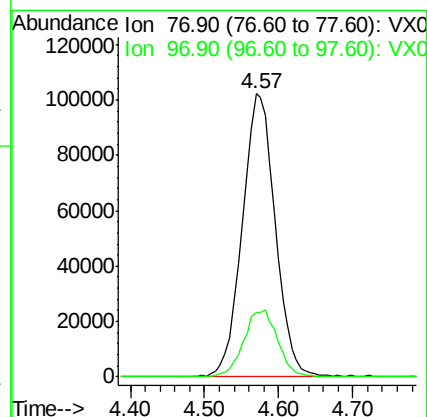
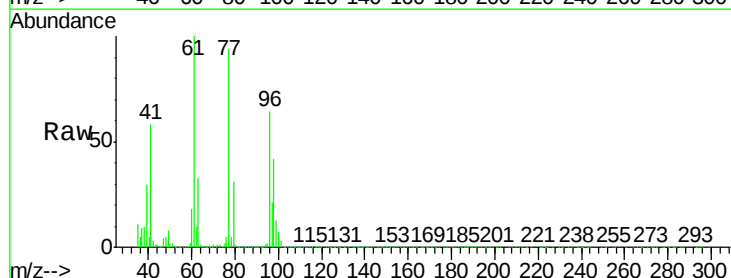
Acq: 24 Dec 2019 19:08

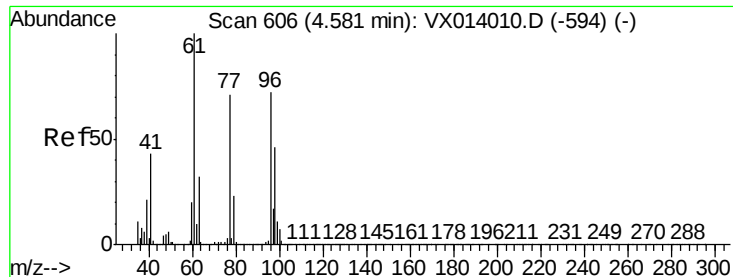
Tgt Ion: 77 Resp: 317347

Ion Ratio Lower Upper

77 100

97 24.5 11.9 35.9



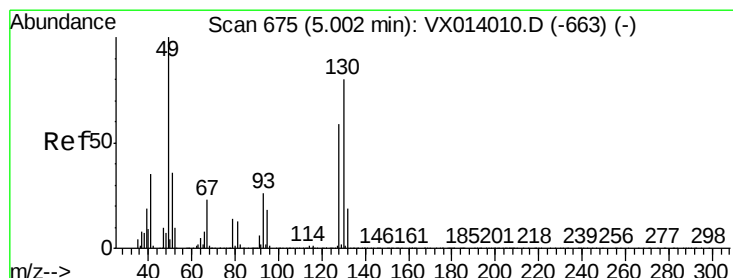
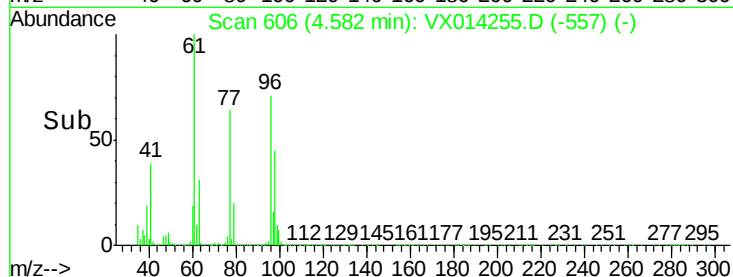
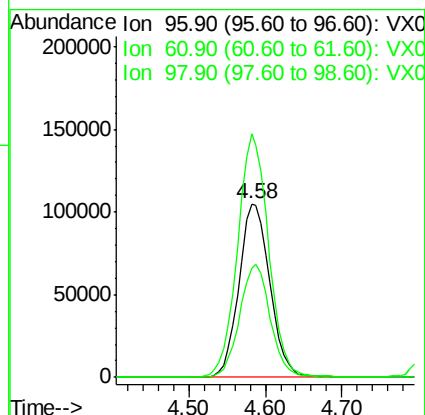
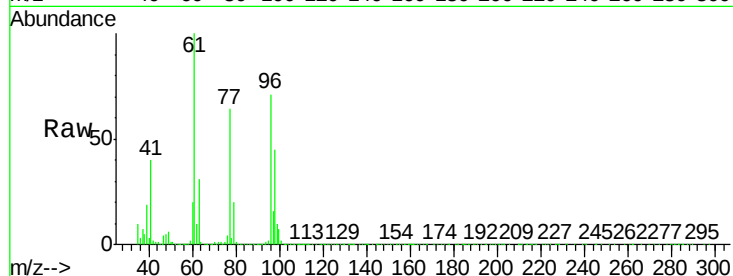


#27

cis-1,2-Dichloroethene
Concen: 50.500 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

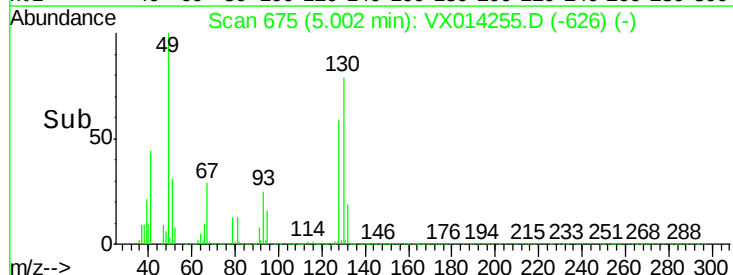
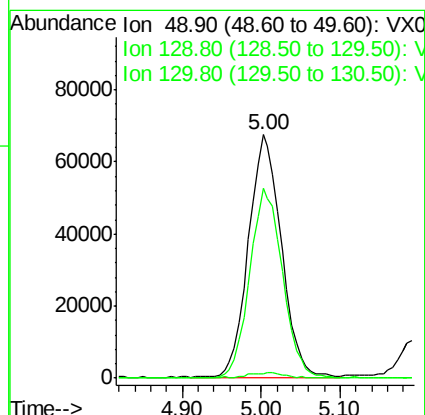
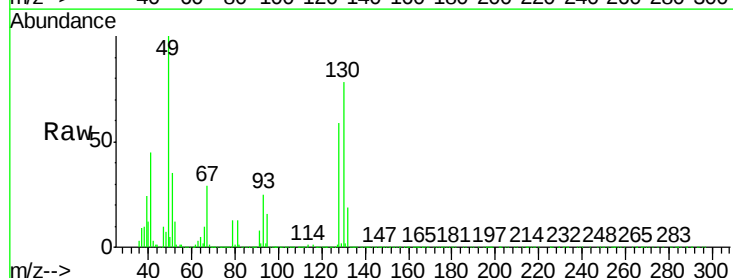
Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.4	0.0	288.4
98	64.5	0.0	129.6

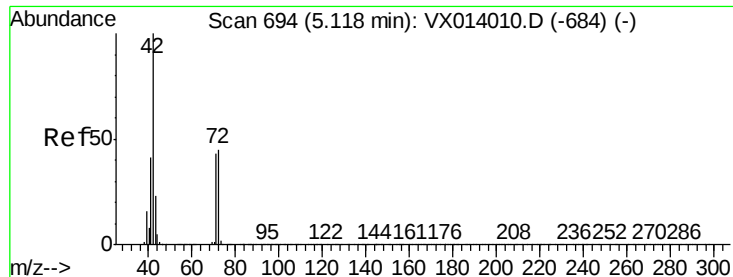


#28

Bromochloromethane
Concen: 55.777 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	77.4	64.6	97.0

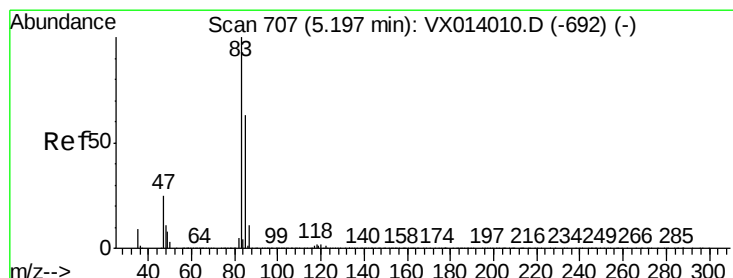
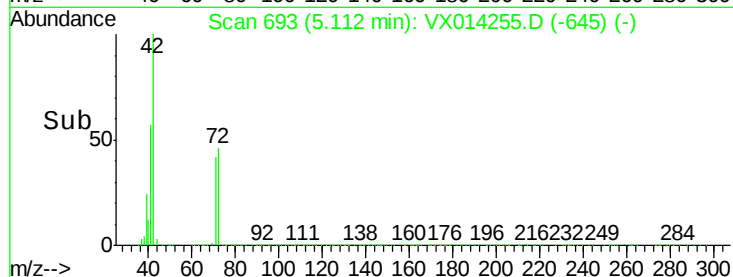
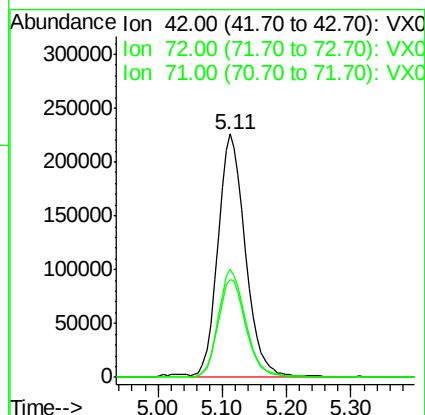
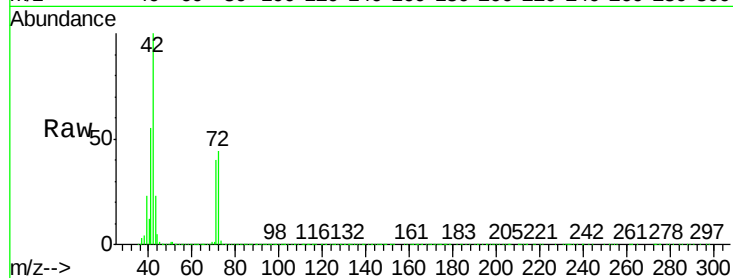




#29
Tetrahydrofuran
Concen: 274.359 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

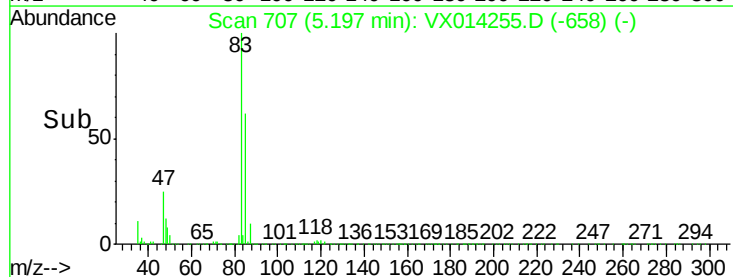
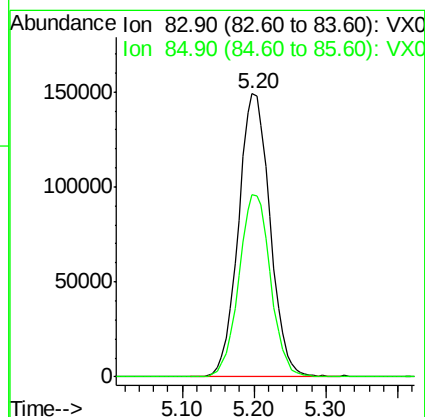
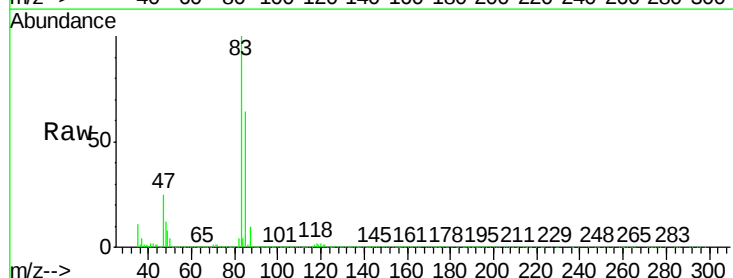
Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

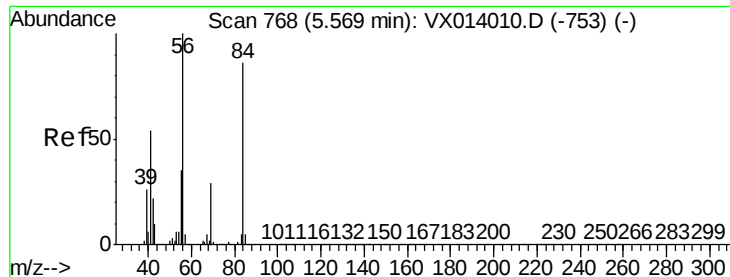
Tgt Ion: 42 Resp: 672622
Ion Ratio Lower Upper
42 100
72 44.6 35.8 53.8
71 41.0 33.6 50.4



#30
Chloroform
Concen: 52.107 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion: 83 Resp: 454475
Ion Ratio Lower Upper
83 100
85 64.1 50.8 76.2

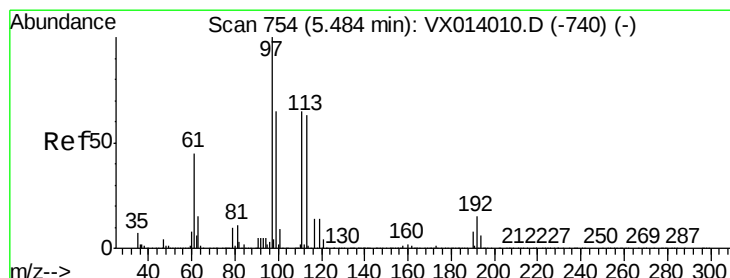
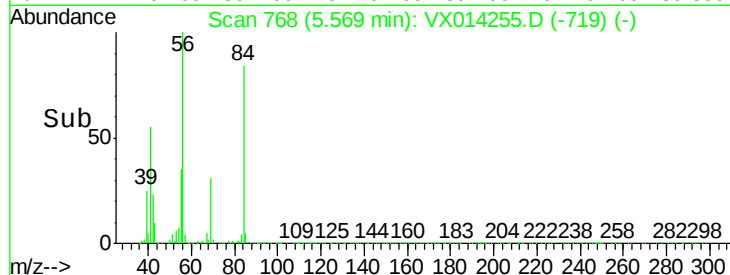
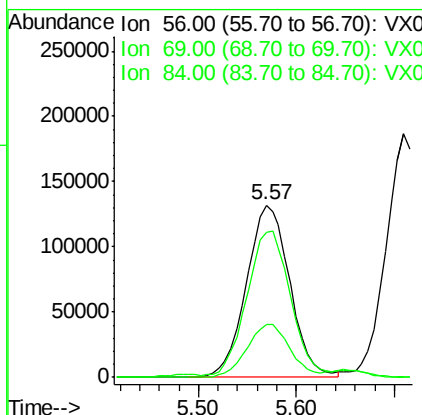
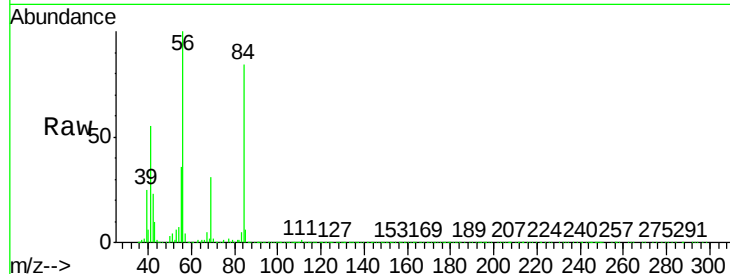




#31
Cyclohexane
Concen: 49.338 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

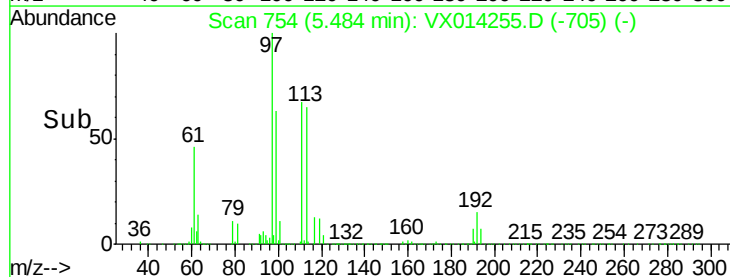
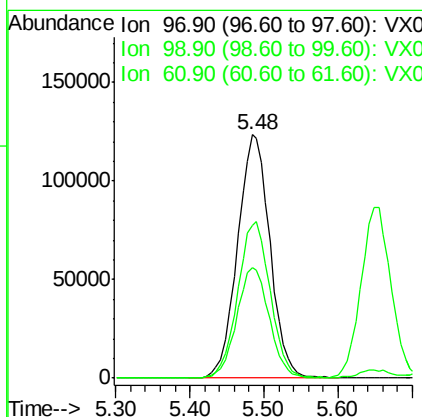
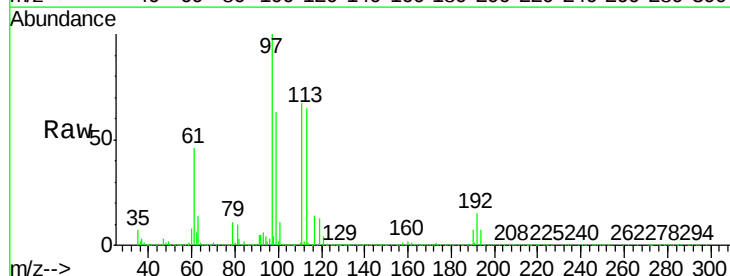
Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

Tgt Ion: 56 Resp: 403735
Ion Ratio Lower Upper
56 100
69 30.8 23.2 34.8
84 82.7 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 50.490 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion: 97 Resp: 375318
Ion Ratio Lower Upper
97 100
99 64.9 52.0 78.0
61 45.5 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 51.275 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

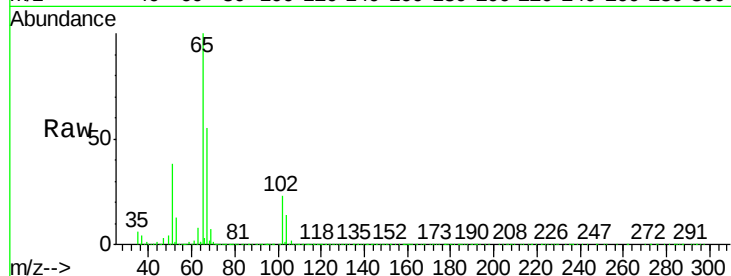
996-MW-15-(17)MS

Tgt Ion: 65 Resp: 280790

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

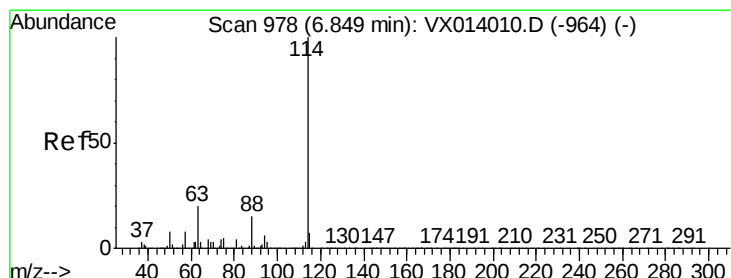
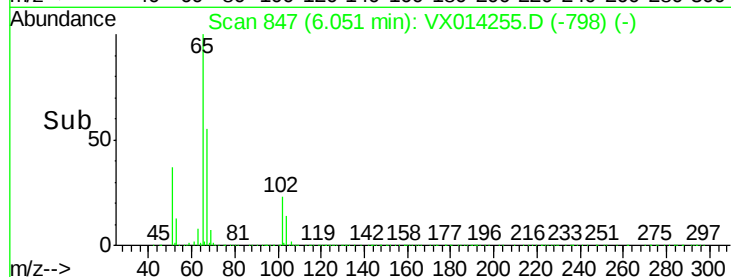
60000

40000

20000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

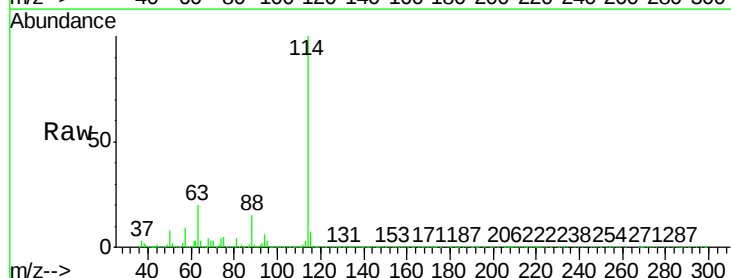
Tgt Ion: 114 Resp: 766167

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

88 15.1 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

400000

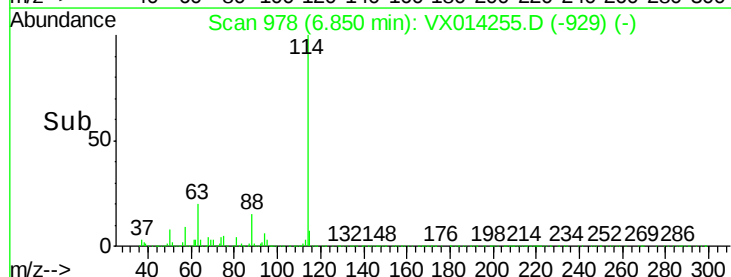
300000

200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 50.256 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MS

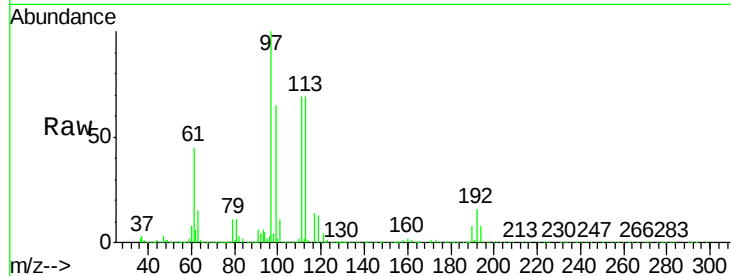
Tgt Ion:113 Resp: 234066

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

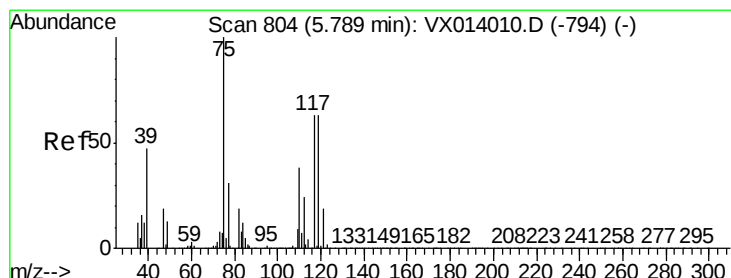
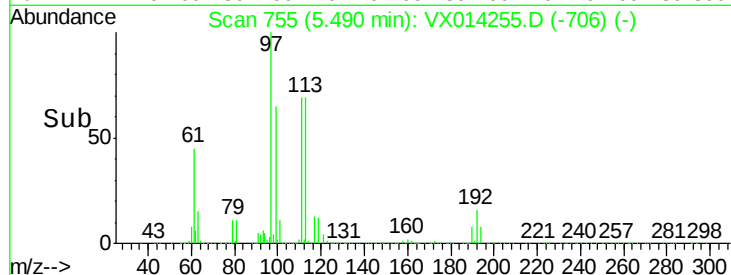
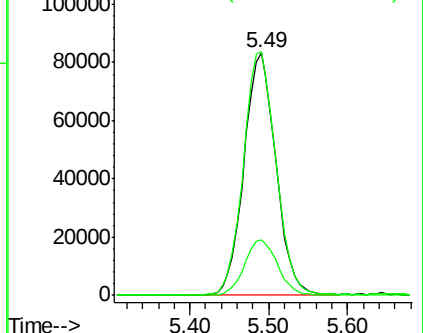
192 23.9 19.3 28.9



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: 47.571 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

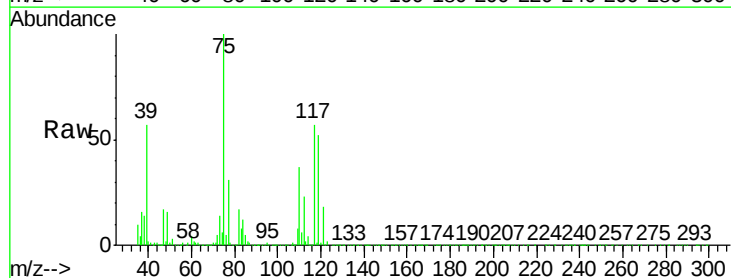
Tgt Ion: 75 Resp: 334424

Ion Ratio Lower Upper

75 100

110 35.8 18.3 54.9

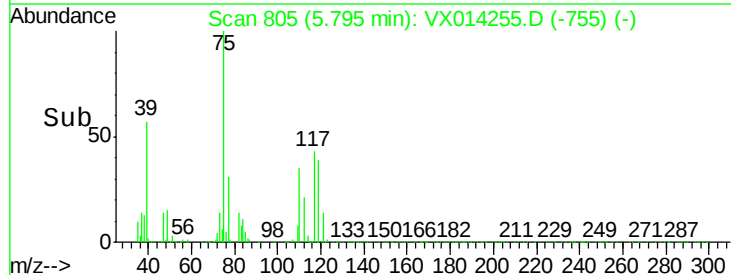
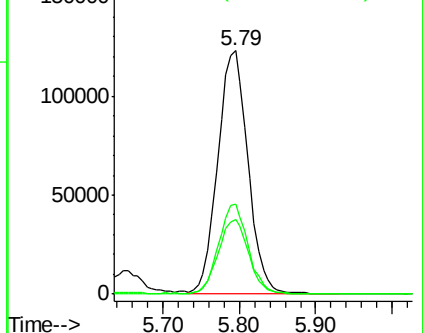
77 30.4 24.8 37.2

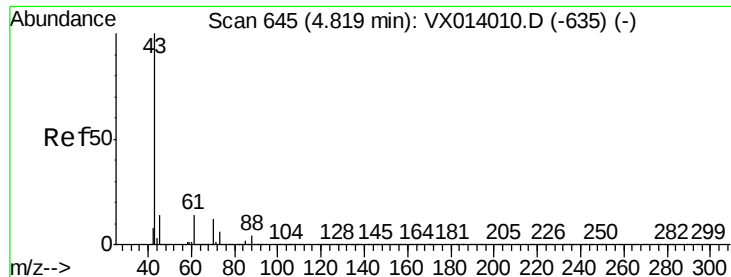


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

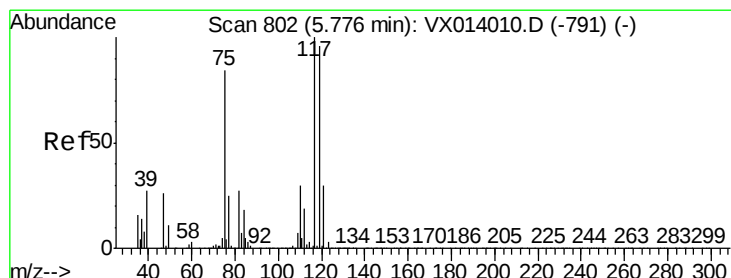
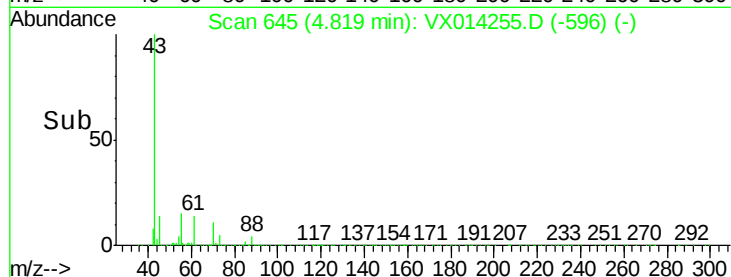
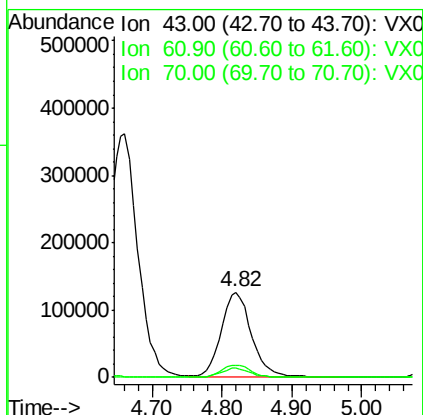
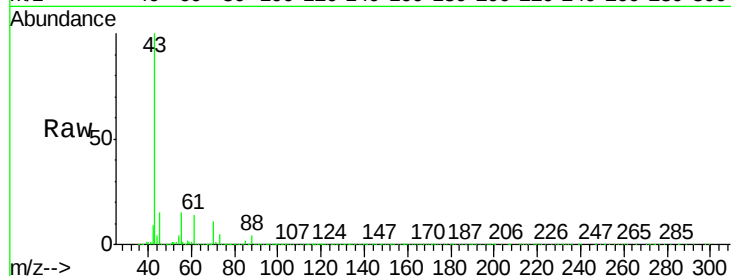




#37
Ethyl Acetate
Concen: 48.296 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

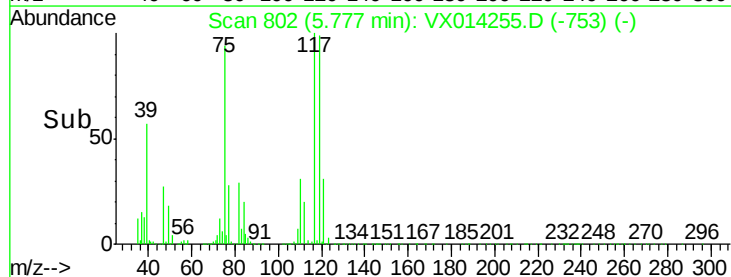
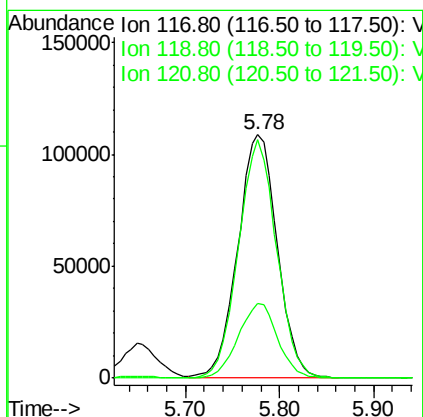
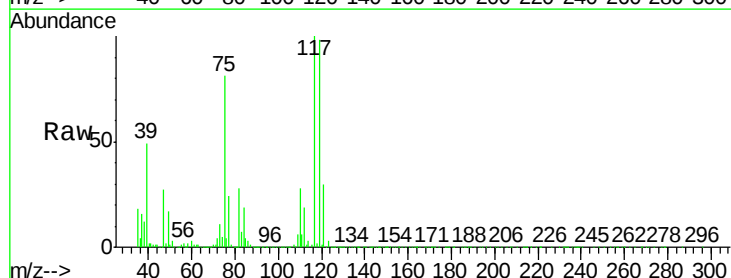
Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

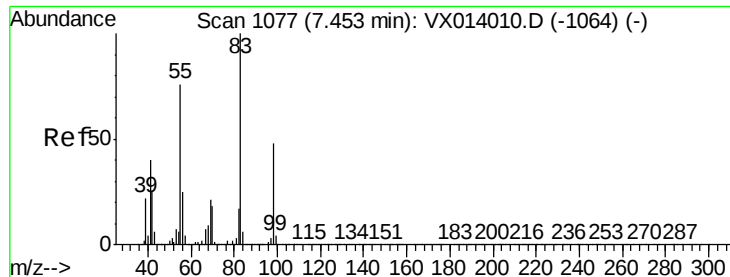
Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.8	16.2
70	10.3	8.6	12.8



#38
Carbon Tetrachloride
Concen: 49.561 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.2	114.4
121	30.3	23.6	35.4

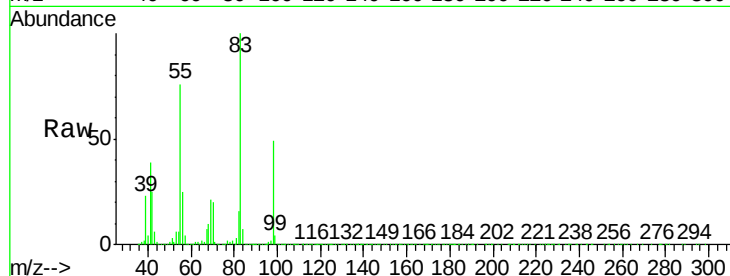




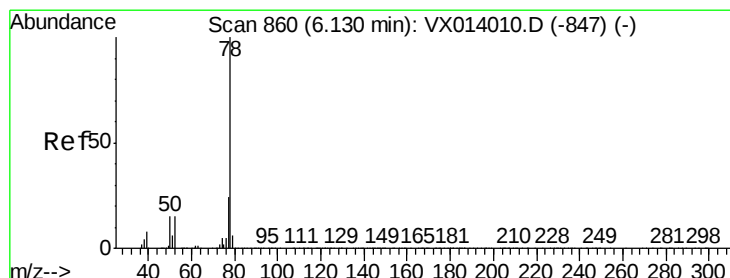
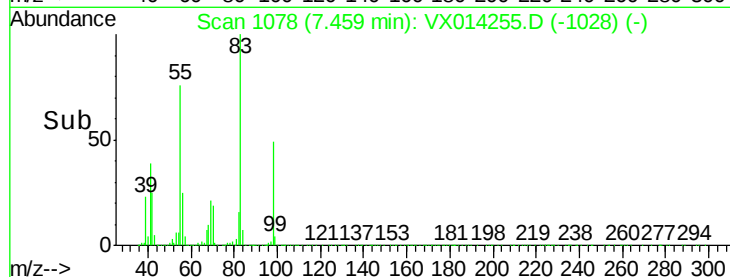
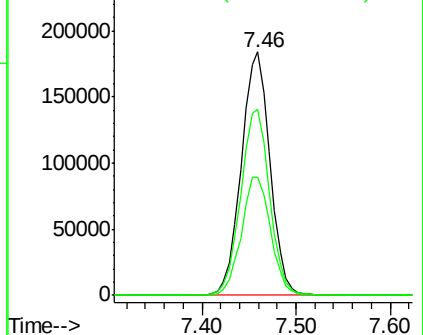
#39
Methylcyclohexane
Concen: 44.979 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.1	61.0	91.6
98	48.7	38.6	57.8

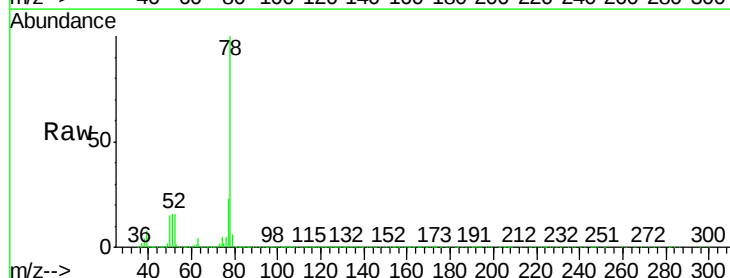


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

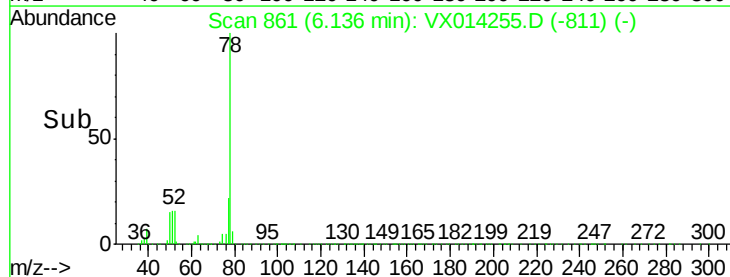
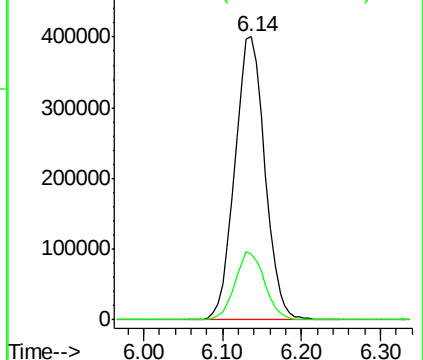


#40
Benzene
Concen: 49.104 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.8	28.2



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

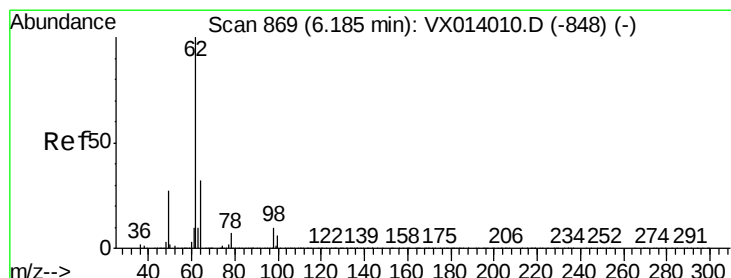
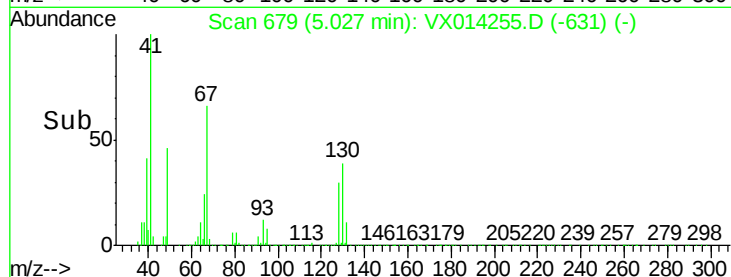
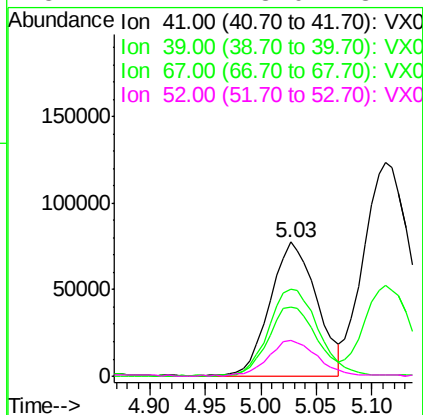
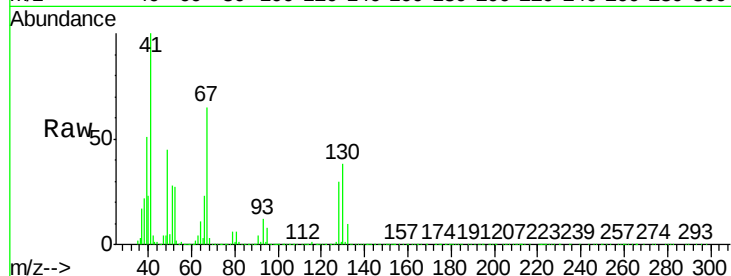




#41
Methacrylonitrile
Concen: 52.962 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

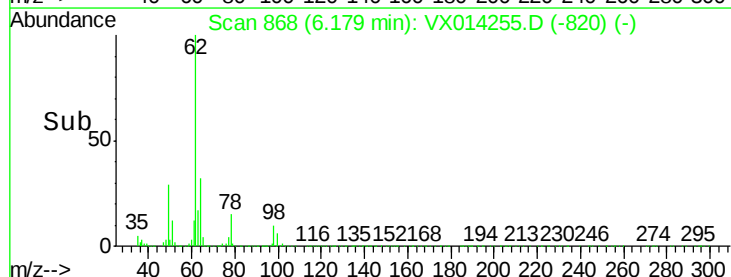
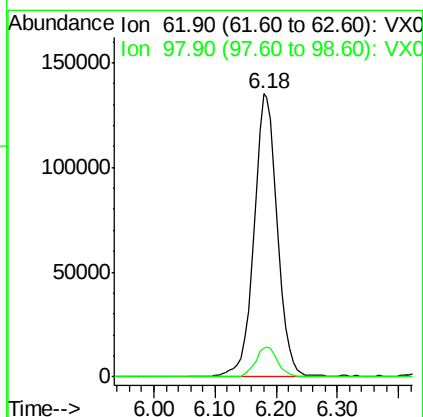
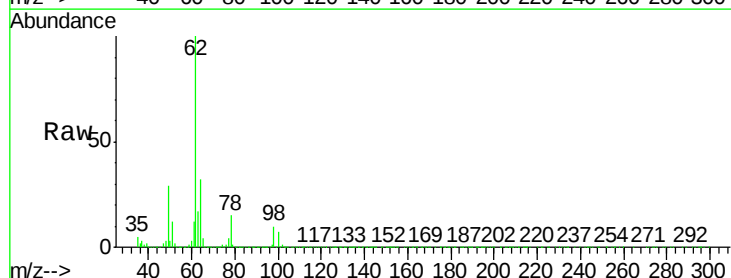
Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

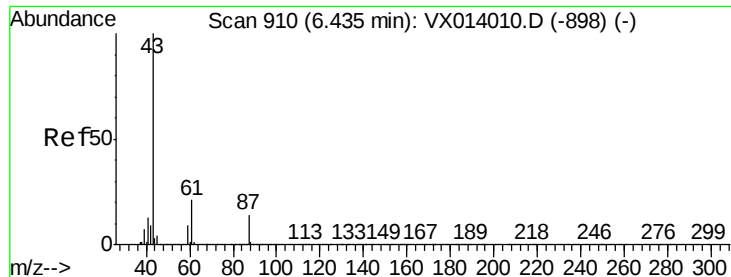
Tgt Ion:	41	Resp:	228128
Ion	Ratio	Lower	Upper
41	100		
39	51.7	44.5	66.7
67	68.8	57.4	86.0
52	27.4	23.0	34.4



#42
1,2-Dichloroethane
Concen: 49.481 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion:	62	Resp:	362803
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	21.0





#43

Isopropyl Acetate

Concen: 49.098 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MS

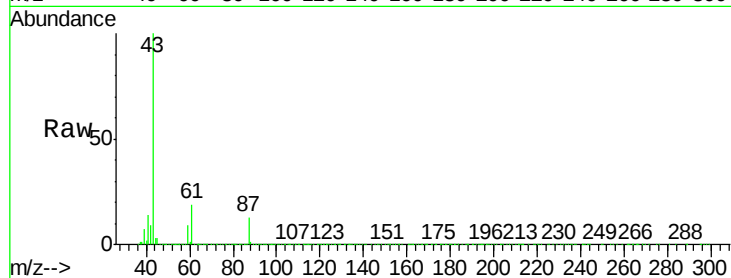
Tgt Ion: 43 Resp: 630782

Ion Ratio Lower Upper

43 100

61 20.5 16.4 24.6

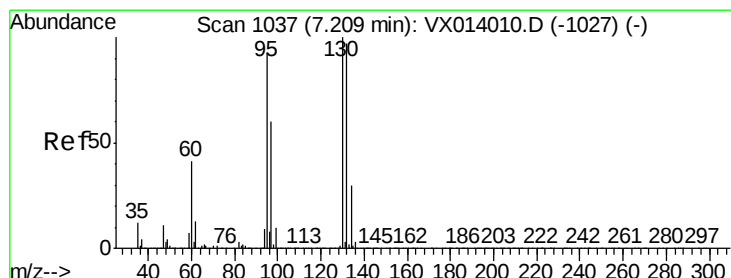
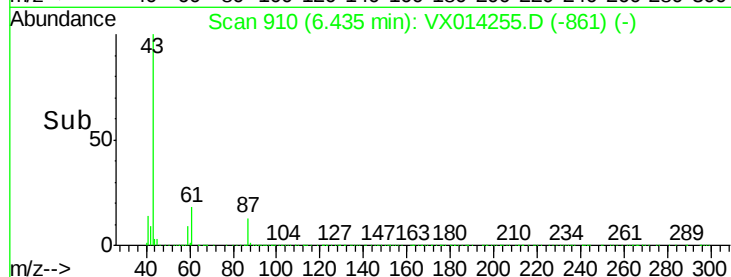
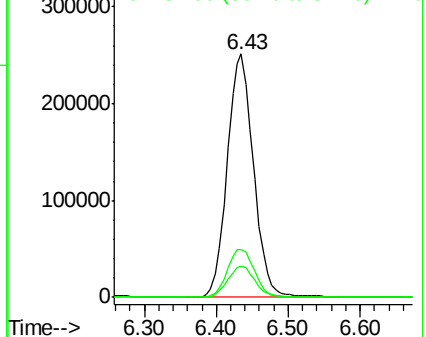
87 13.0 10.7 16.1



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: 47.295 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014255.D

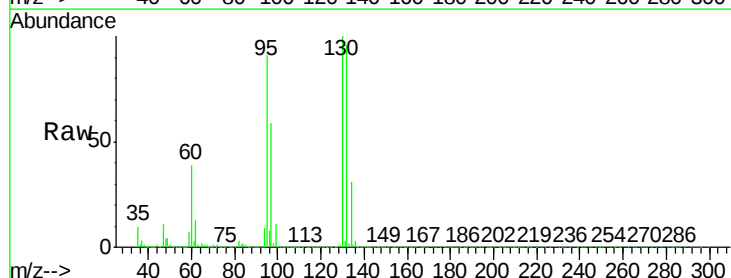
Acq: 24 Dec 2019 19:08

Tgt Ion: 130 Resp: 282565

Ion Ratio Lower Upper

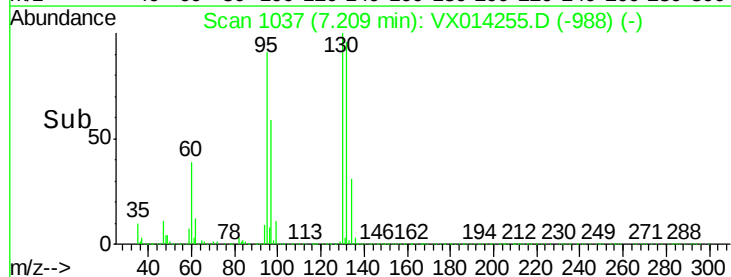
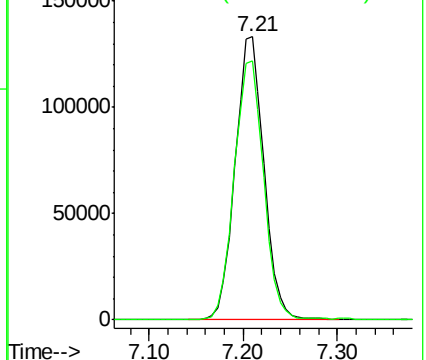
130 100

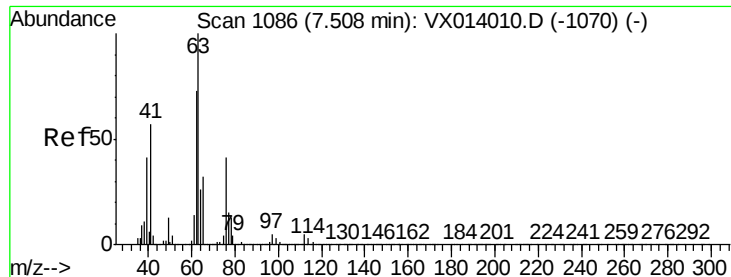
95 91.3 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.461 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

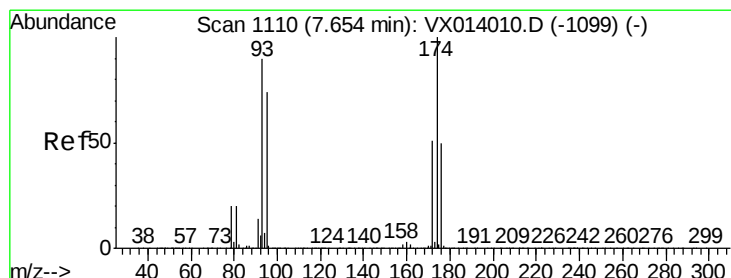
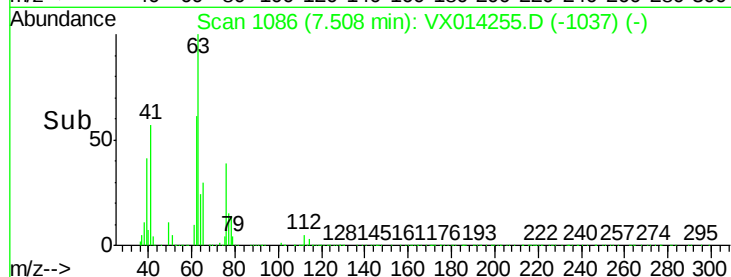
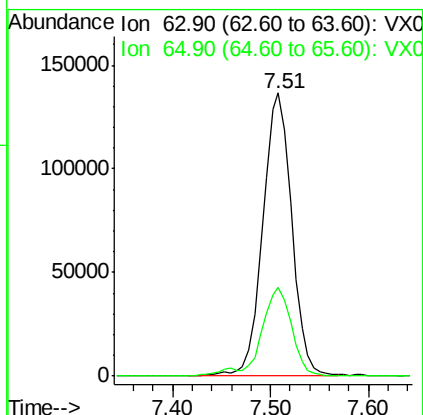
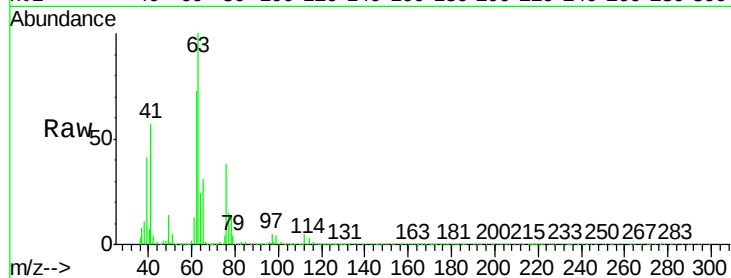
996-MW-15-(17)MS

Tgt Ion: 63 Resp: 279759

Ion Ratio Lower Upper

63 100

65 31.0 25.8 38.8



#46

Dibromomethane

Concen: 47.967 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

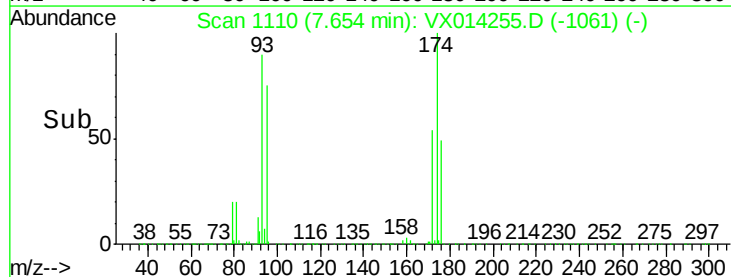
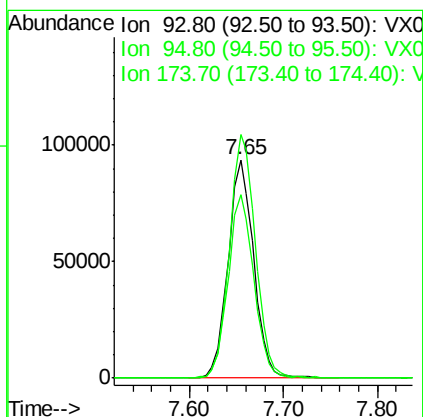
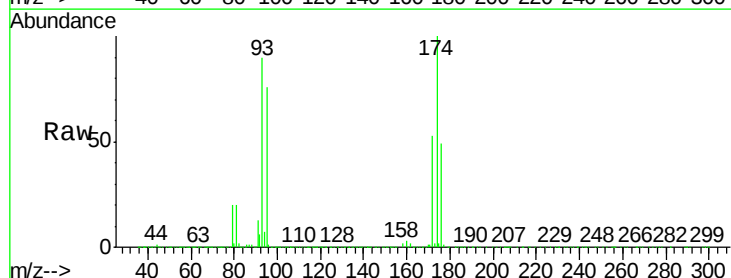
Tgt Ion: 93 Resp: 175821

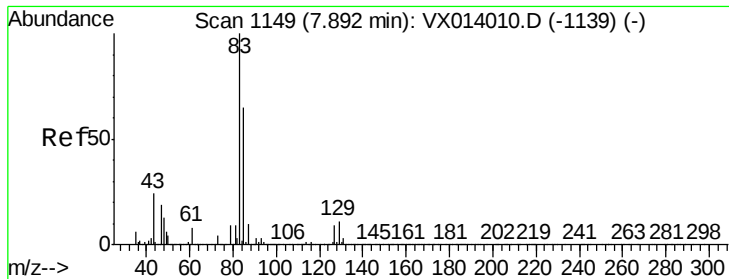
Ion Ratio Lower Upper

93 100

95 85.1 67.3 100.9

174 113.7 91.6 137.4





#47

Bromodichloromethane

Concen: 50.291 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MS

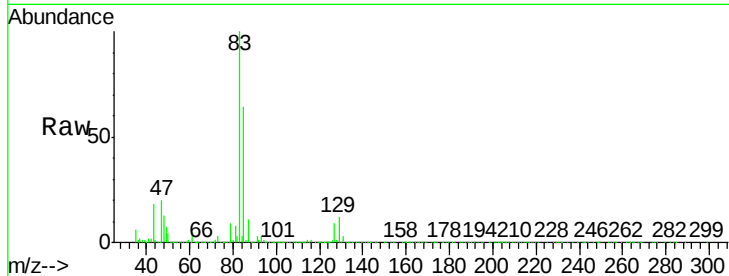
Tgt Ion: 83 Resp: 347181

Ion Ratio Lower Upper

83 100

85 64.3 51.8 77.8

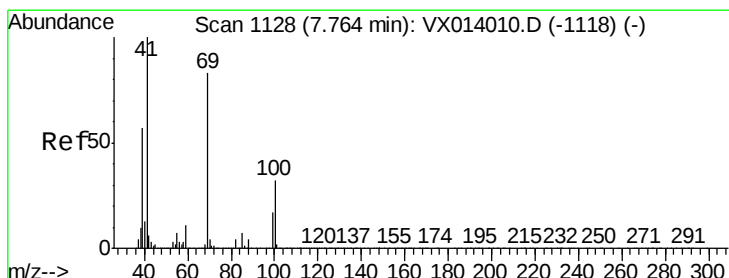
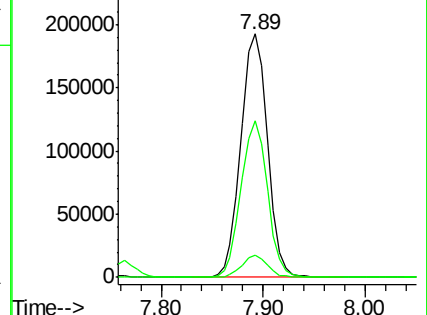
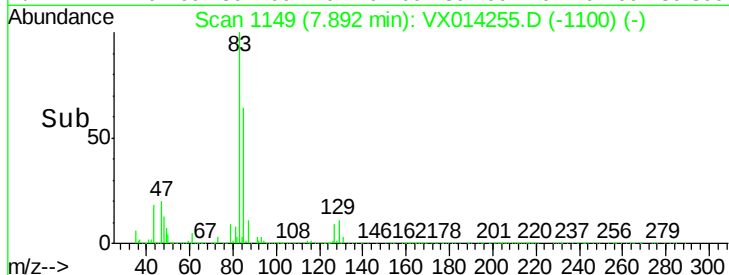
127 8.9 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.636 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

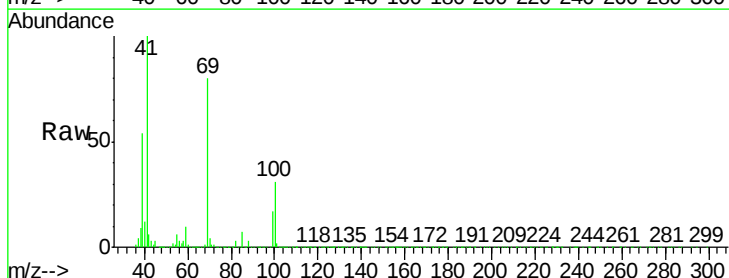
Tgt Ion: 41 Resp: 324850

Ion Ratio Lower Upper

41 100

69 81.6 65.8 98.6

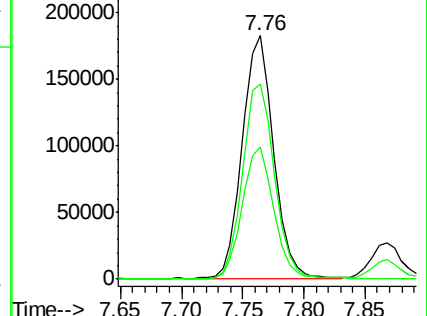
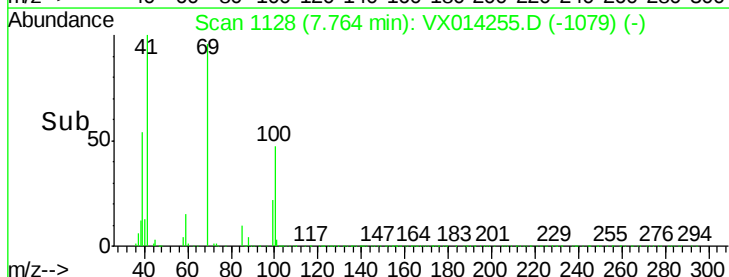
39 54.4 44.6 67.0

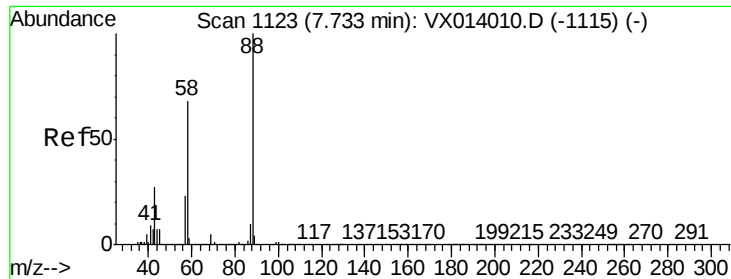


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

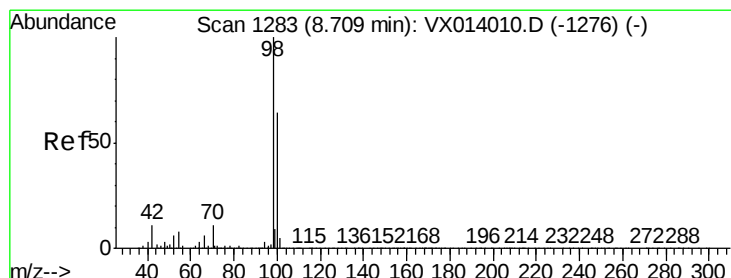
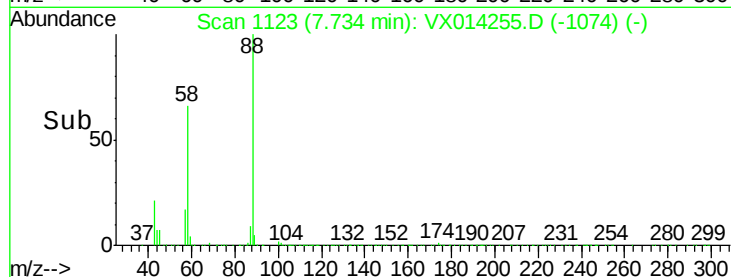
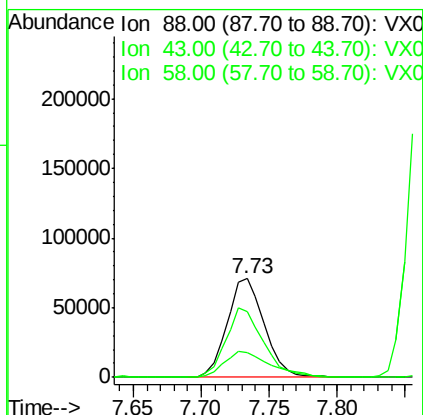
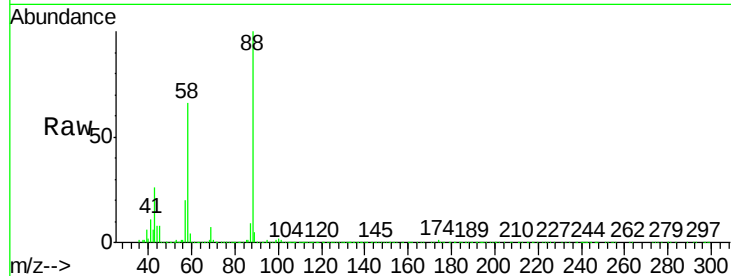




#49
1,4-Dioxane
Concen: 1045.142 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

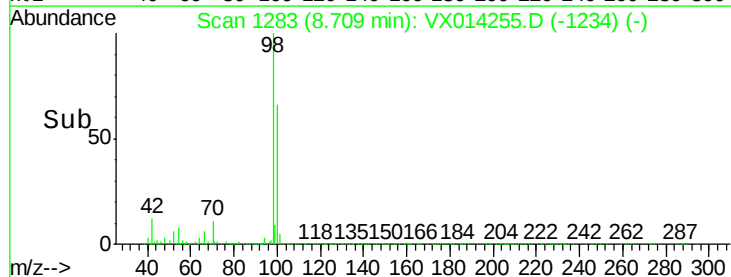
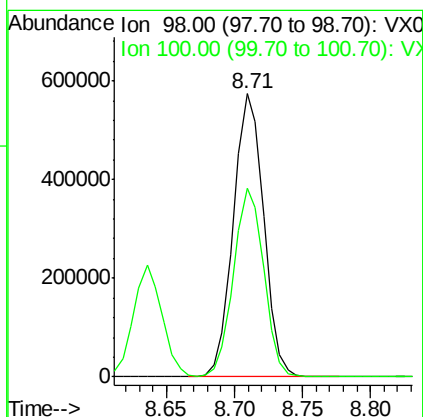
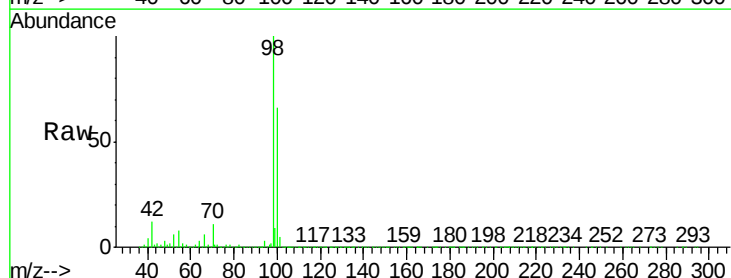
Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

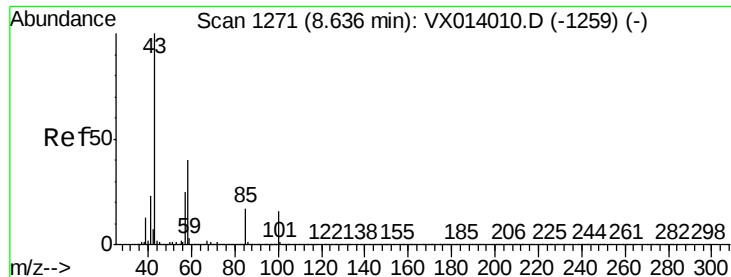
Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.9	26.5	39.7
58	71.5	56.8	85.2



#50
Toluene-d8
Concen: 49.156 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.9	79.3

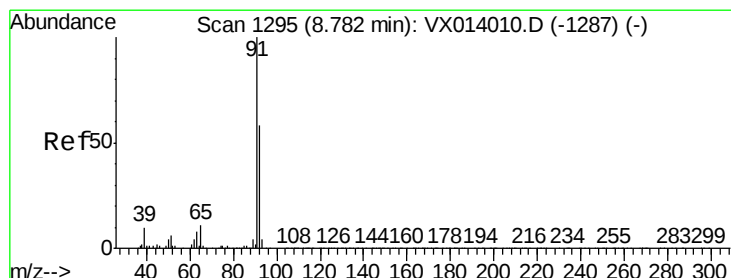
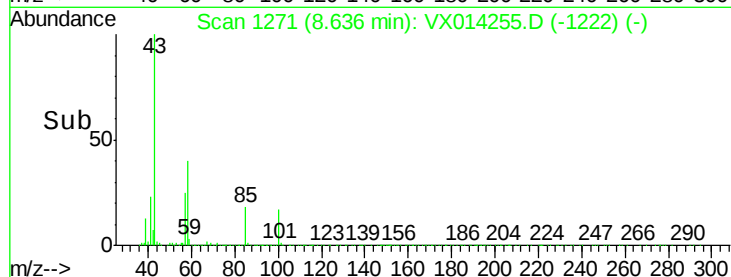
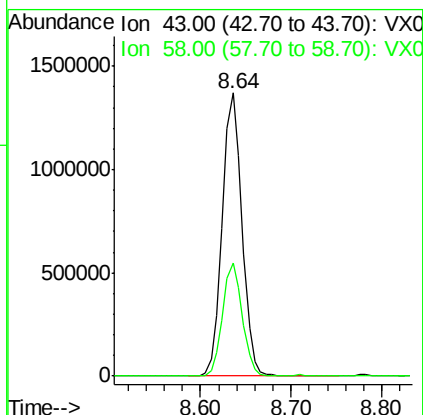
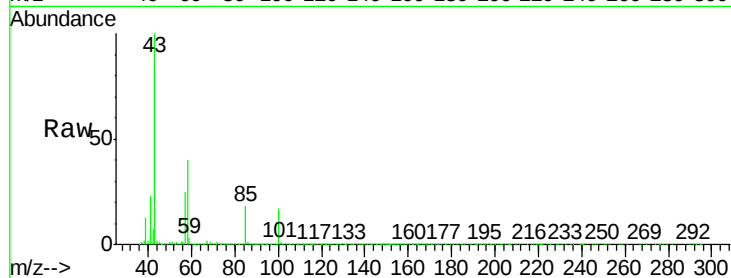




#51
4-Methyl-2-Pentanone
Concen: 258.761 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

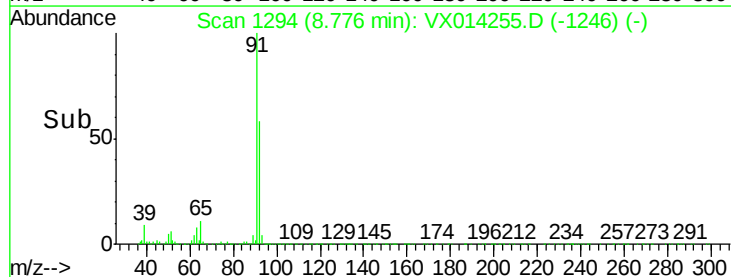
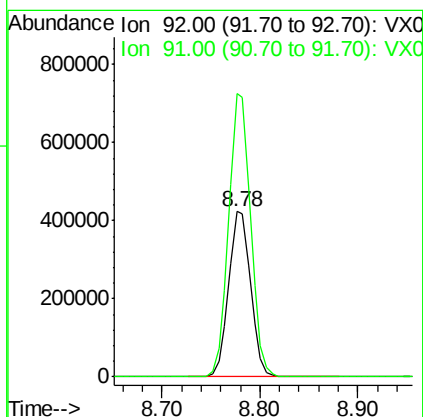
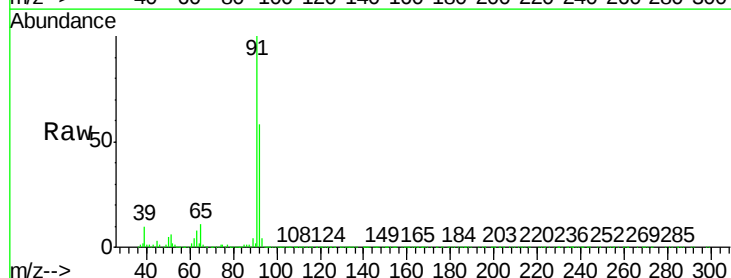
Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

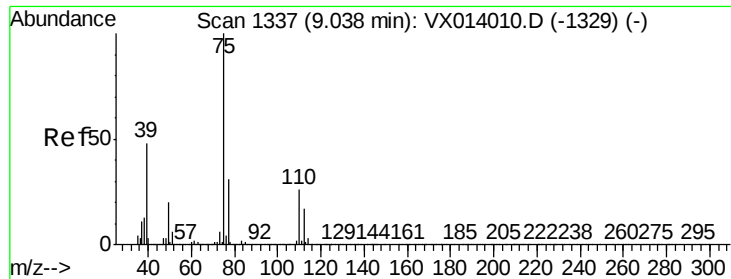
Tgt Ion: 43 Resp: 2087817
Ion Ratio Lower Upper
43 100
58 39.7 32.2 48.2



#52
Toluene
Concen: 48.171 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion: 92 Resp: 658593
Ion Ratio Lower Upper
92 100
91 171.2 136.2 204.4

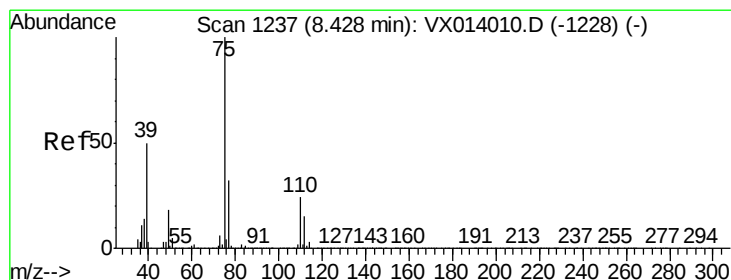
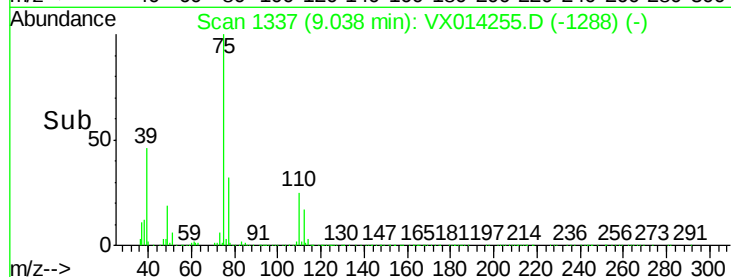
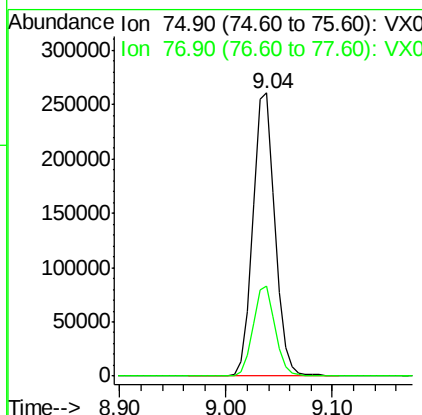
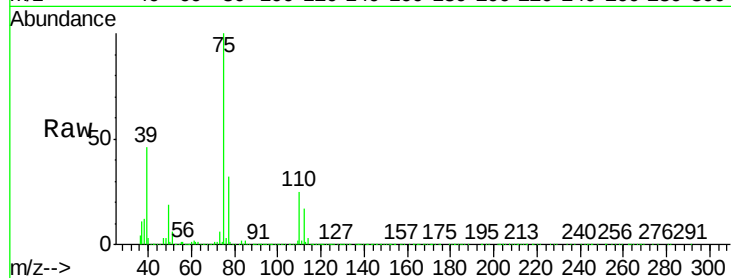




#53
t-1,3-Dichloropropene
Concen: 50.141 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

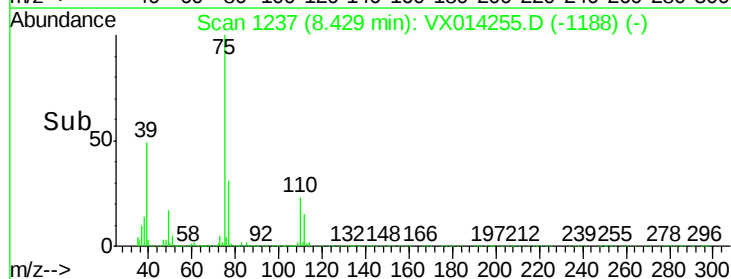
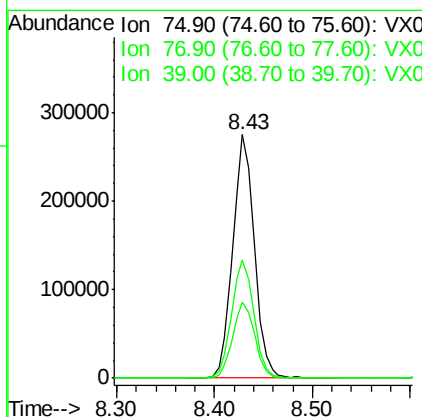
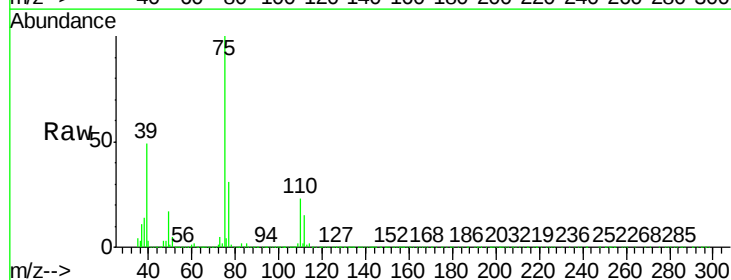
Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

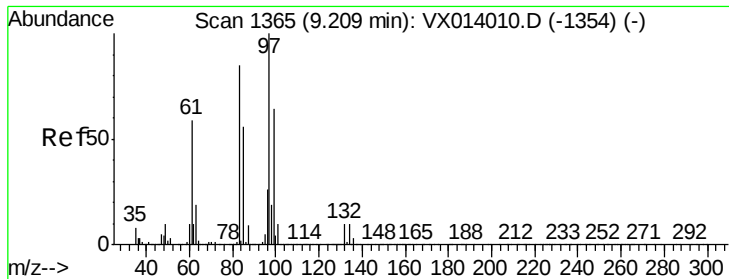
Tgt Ion: 75 Resp: 379547
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 49.887 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion: 75 Resp: 420700
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9
39 48.5 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 49.646 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MS

Tgt Ion: 97 Resp: 272040

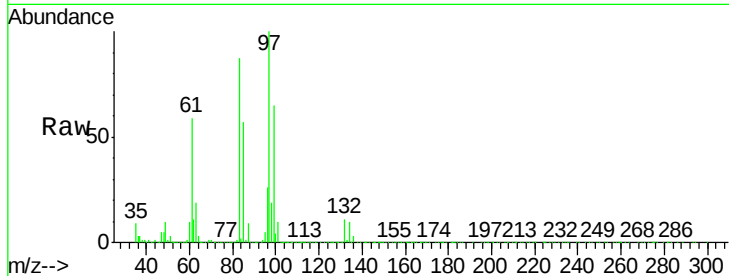
Ion Ratio Lower Upper

97 100

83 87.1 68.2 102.4

85 56.6 44.6 66.8

99 64.7 51.4 77.0



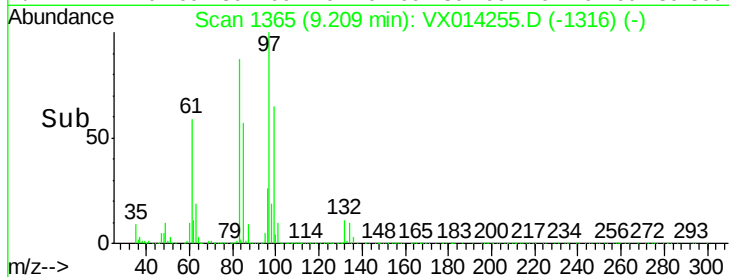
Abundance Ion 96.90 (96.60 to 97.60): VX0

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

Time-->



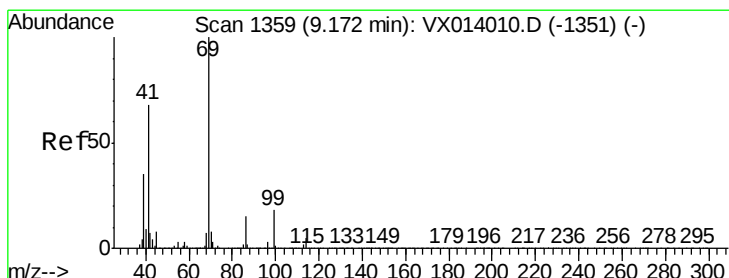
Abundance Ion 96.90 (96.60 to 97.60): VX0

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

Time-->



#56

Ethyl methacrylate

Concen: 51.486 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

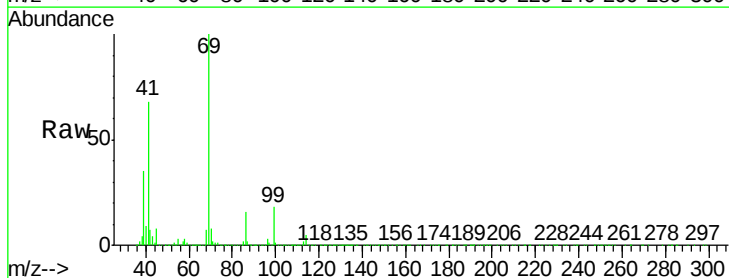
Tgt Ion: 69 Resp: 443164

Ion Ratio Lower Upper

69 100

41 67.7 54.8 82.2

39 35.3 28.3 42.5

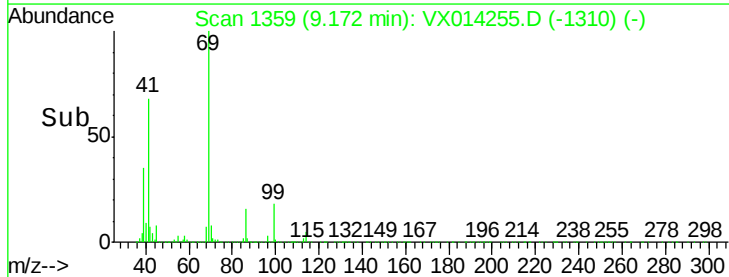


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->

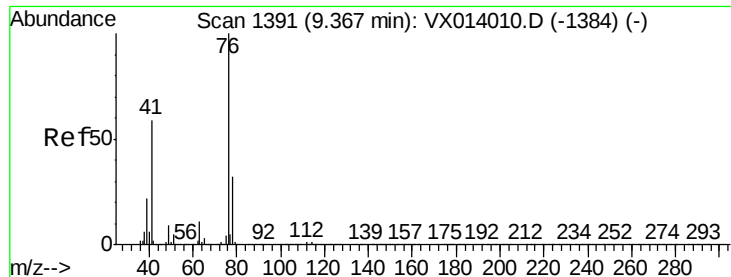


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->



#57

1,3-Dichloropropane

Concen: 50.345 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

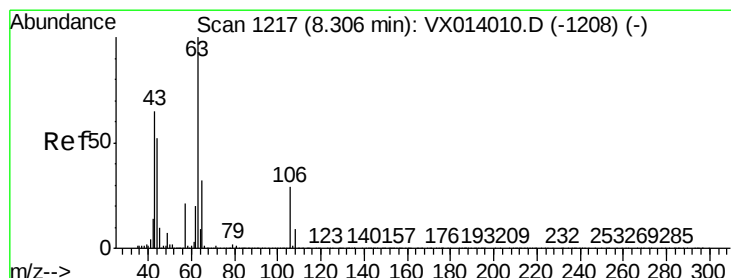
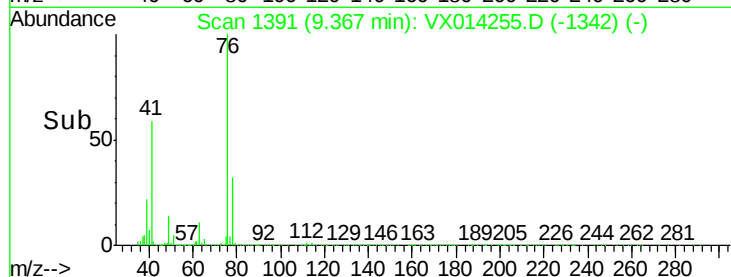
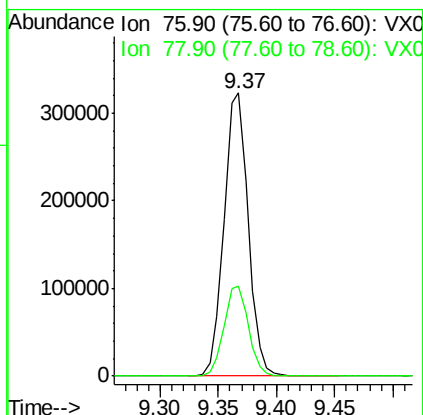
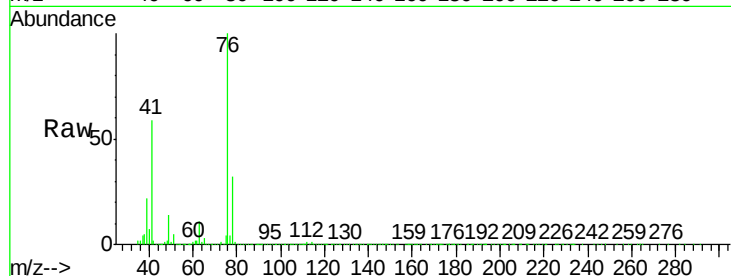
996-MW-15-(17)MS

Tgt Ion: 76 Resp: 464151

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 0.291 ug/l

RT: 8.26 min Scan# 1210

Delta R.T. -0.04 min

Lab File: VX014255.D

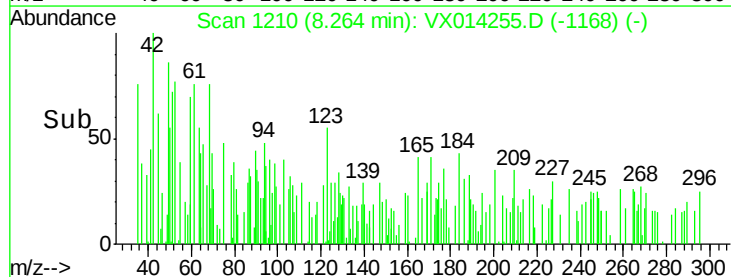
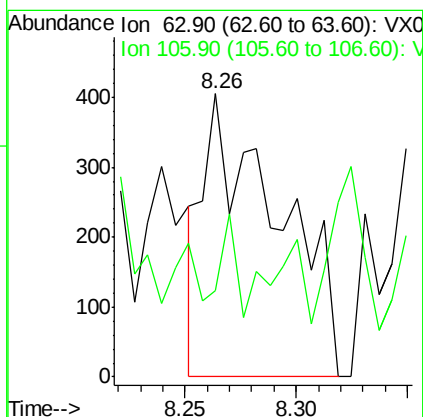
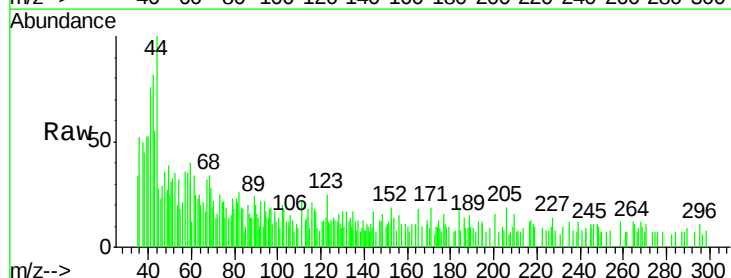
Acq: 24 Dec 2019 19:08

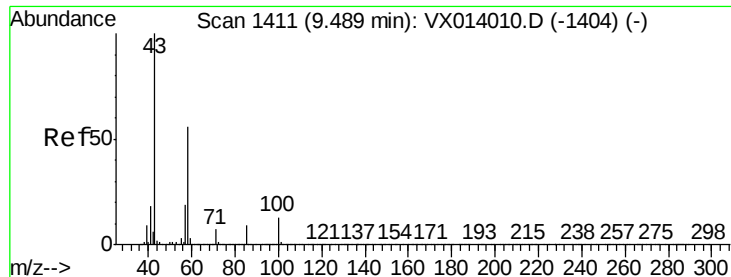
Tgt Ion: 63 Resp: 949

Ion Ratio Lower Upper

63 100

106 23.2 23.0 34.6

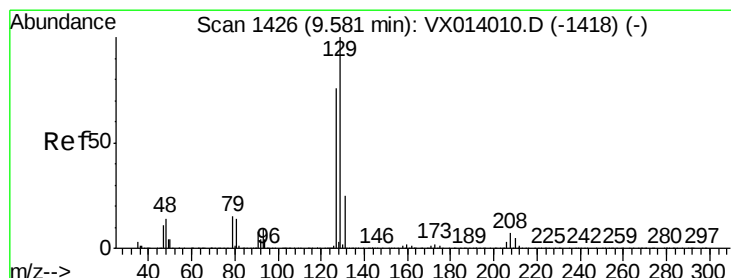
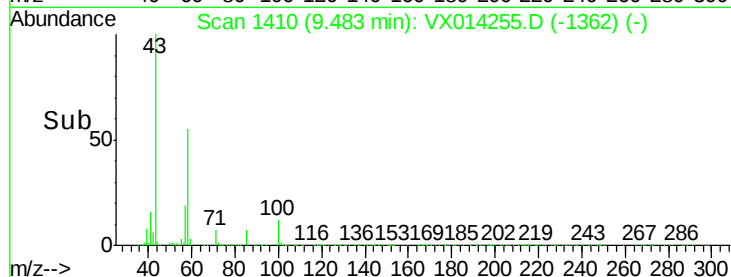
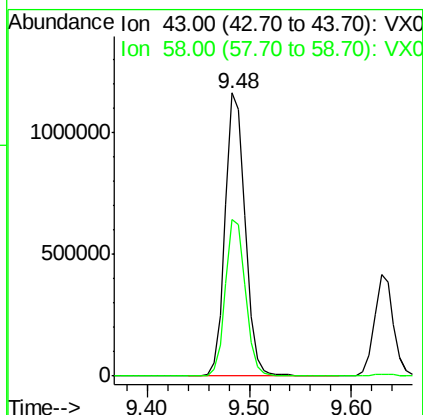
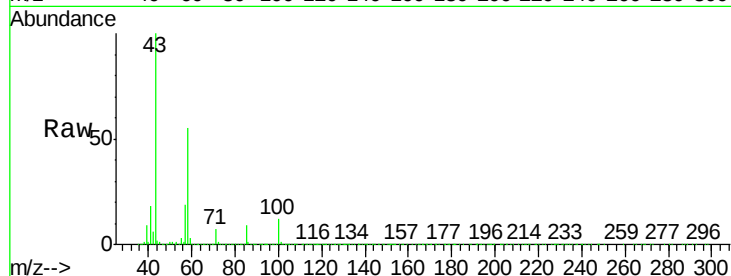




#59
2-Hexanone
Concen: 243.139 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

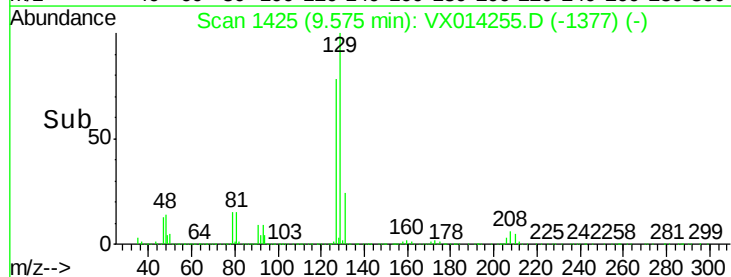
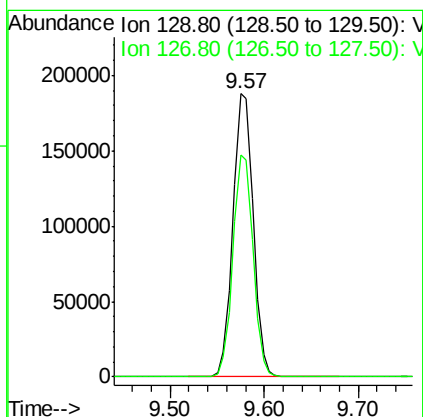
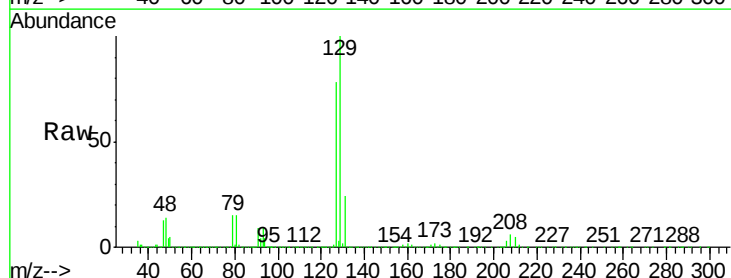
Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

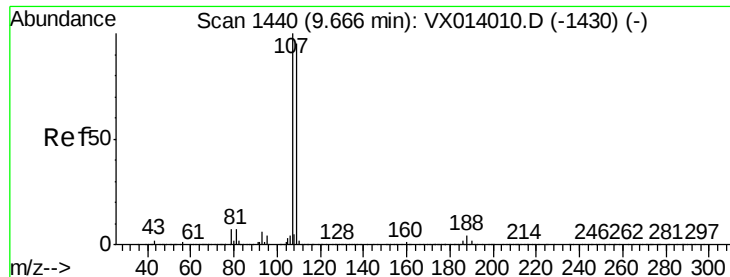
Tgt Ion: 43 Resp: 1579226
Ion Ratio Lower Upper
43 100
58 55.5 28.0 84.0



#60
Dibromochloromethane
Concen: 51.741 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion: 129 Resp: 281823
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.488 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

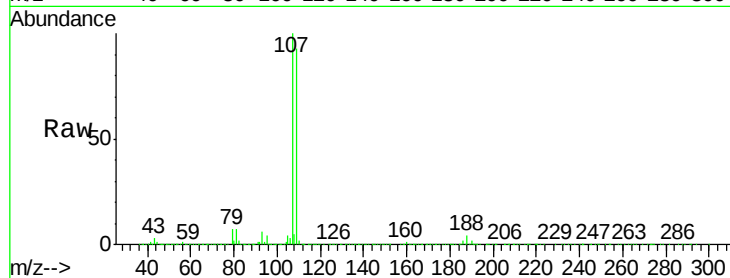
996-MW-15-(17)MS

Tgt Ion: 107 Resp: 283060

Ion Ratio Lower Upper

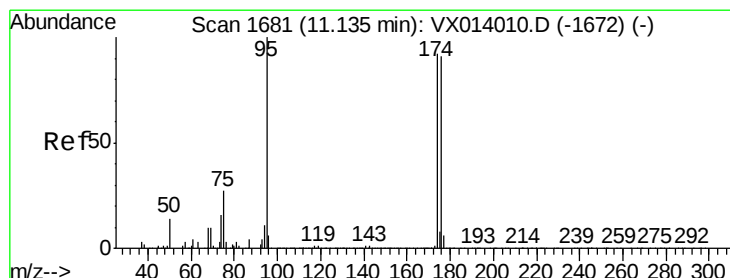
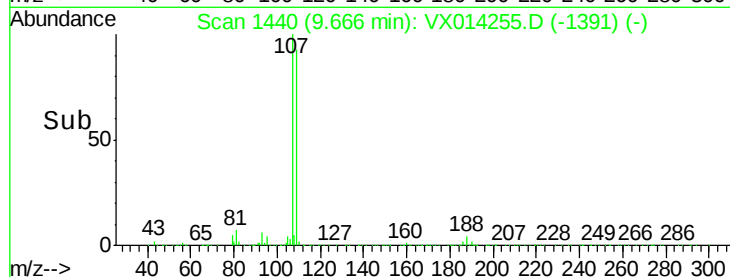
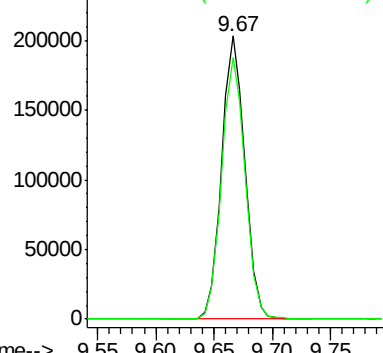
107 100

109 94.4 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.334 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

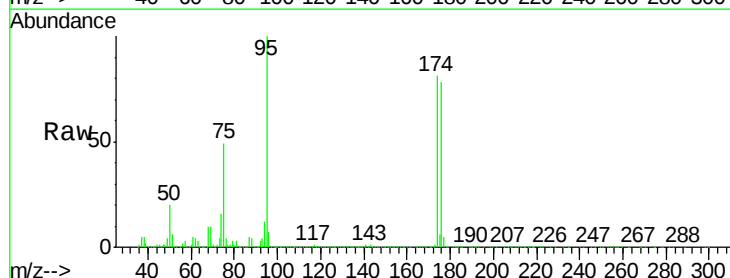
Tgt Ion: 95 Resp: 320373

Ion Ratio Lower Upper

95 100

174 87.9 0.0 175.8

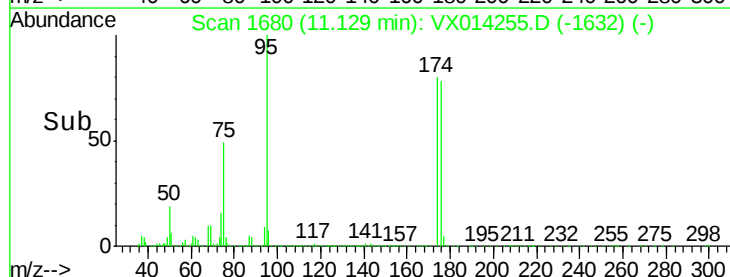
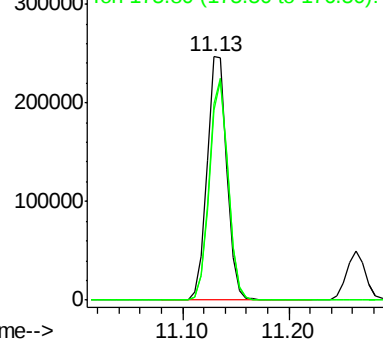
176 85.7 0.0 173.0

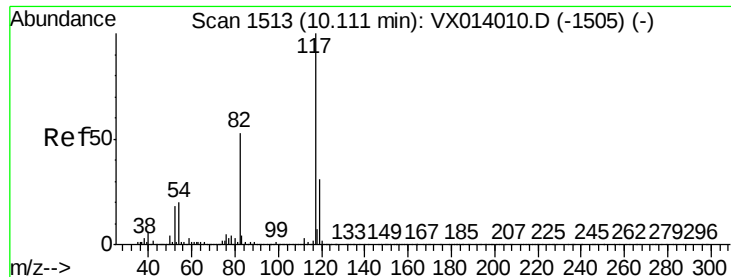


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

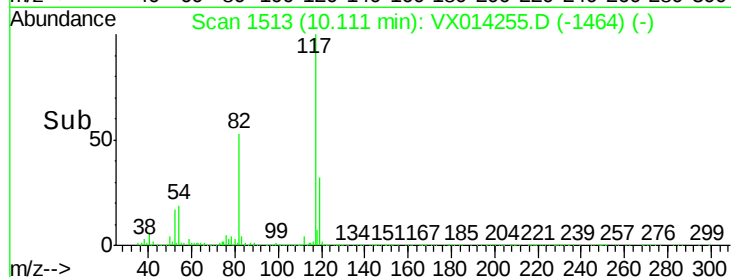
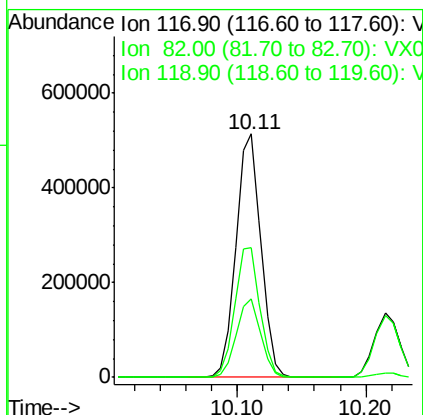
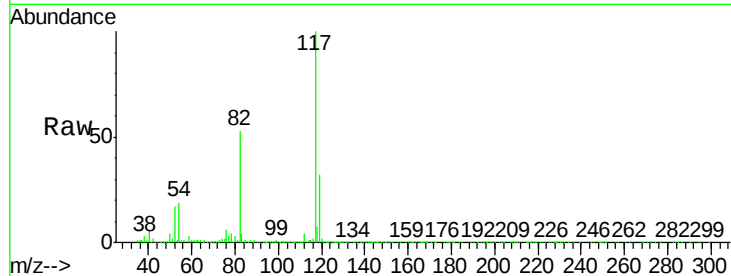




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

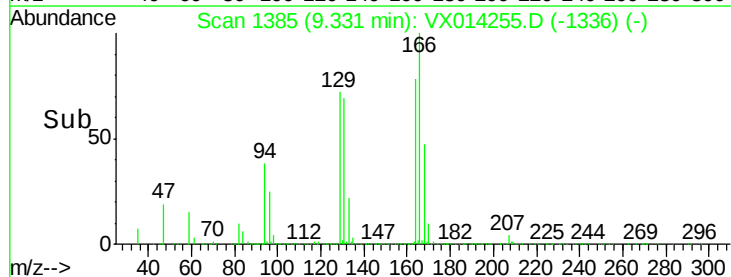
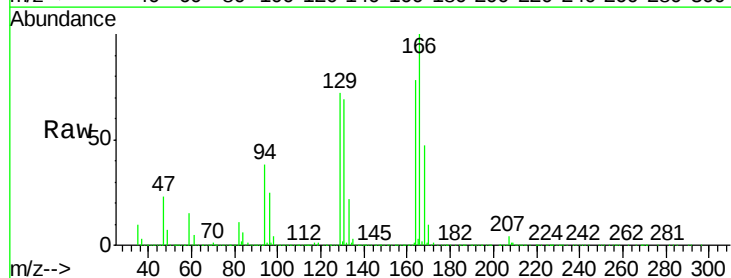
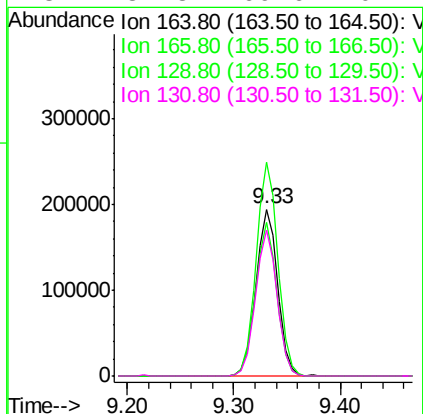
Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

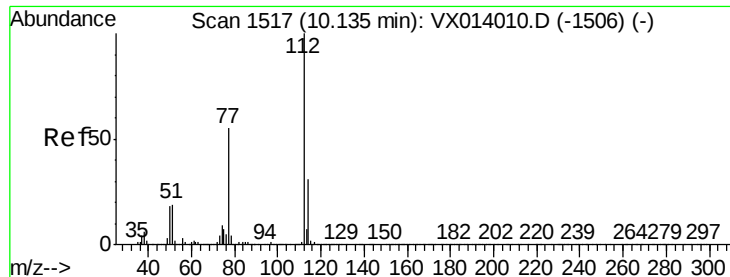
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.2	63.4
119	32.4	25.1	37.7



#64
Tetrachloroethene
Concen: 45.695 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	104.0	156.0
129	92.1	72.2	108.4
131	87.8	69.6	104.4

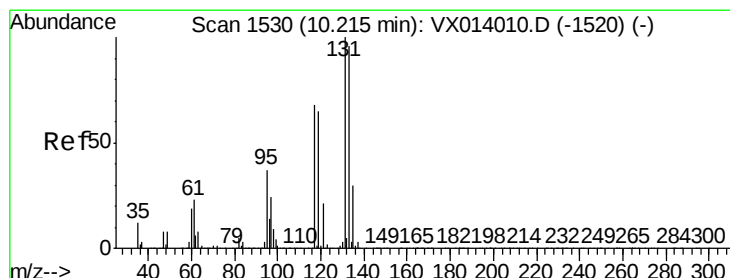
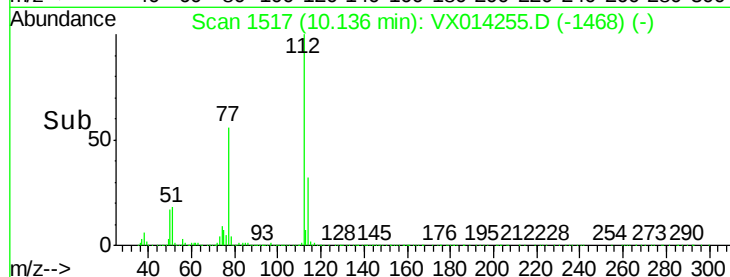
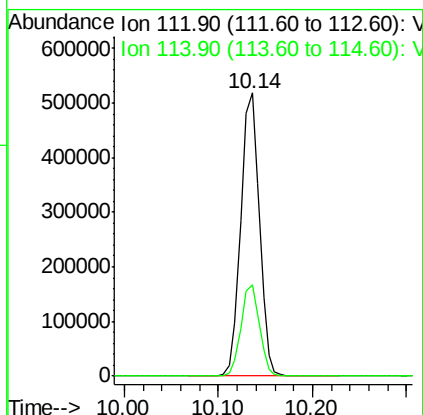
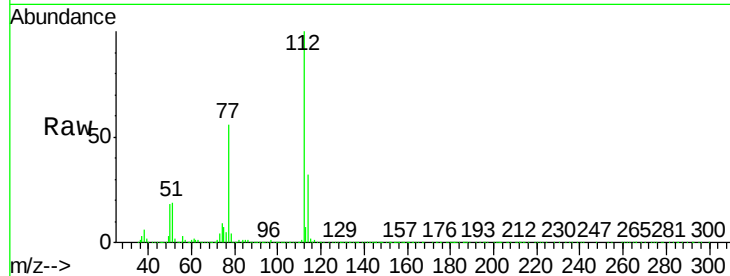




#65
Chlorobenzene
Concen: 48.813 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

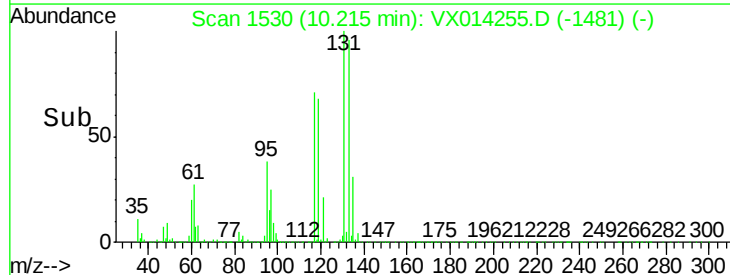
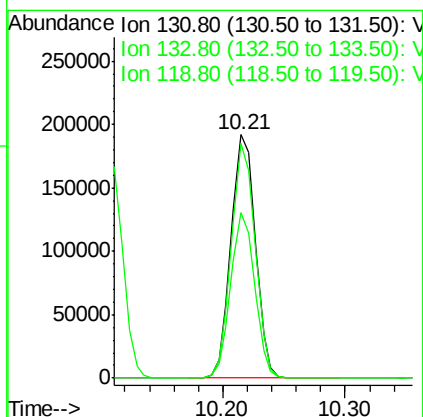
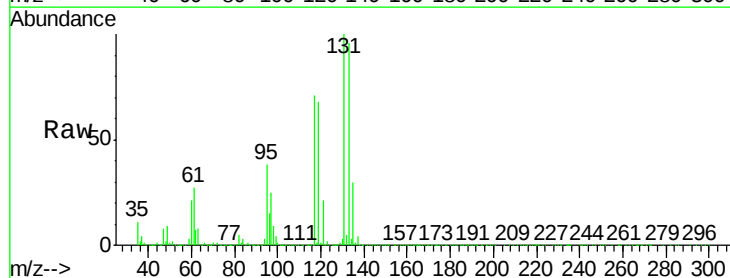
Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

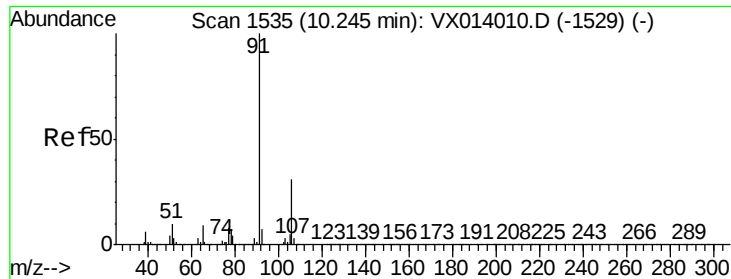
Tgt Ion:112 Resp: 714869
Ion Ratio Lower Upper
112 100
114 32.2 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.393 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion:131 Resp: 263509
Ion Ratio Lower Upper
131 100
133 94.5 48.0 144.0
119 67.0 33.4 100.2

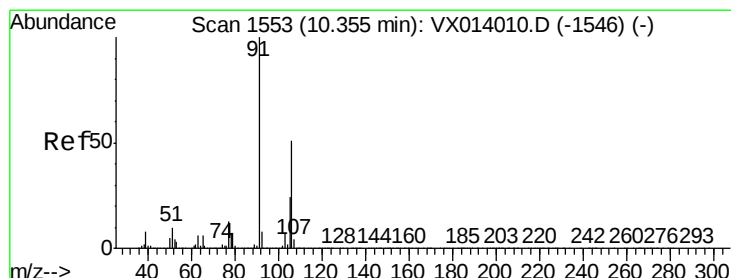
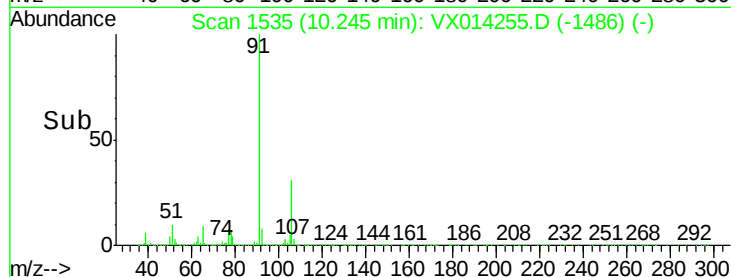
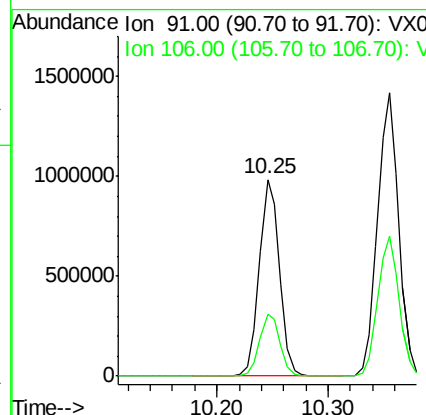
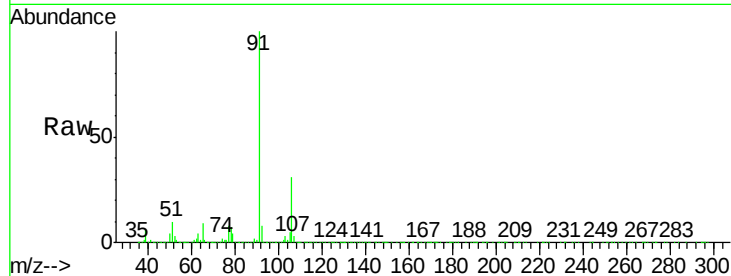




#67
Ethyl Benzene
Concen: 49.461 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

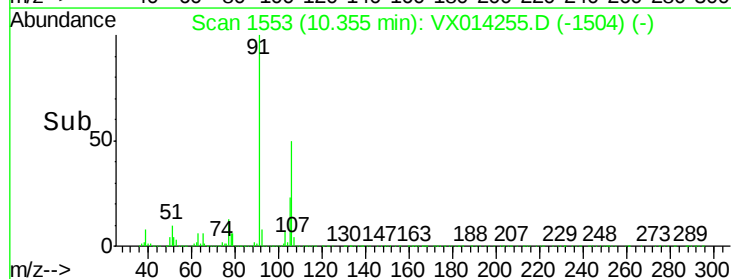
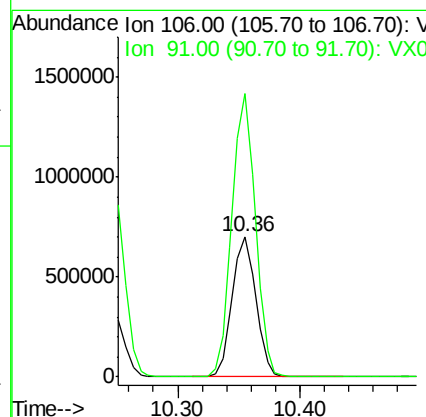
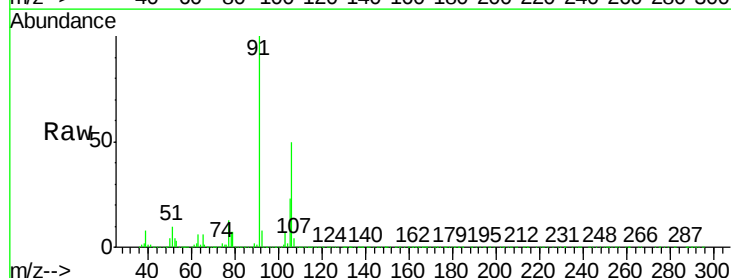
Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

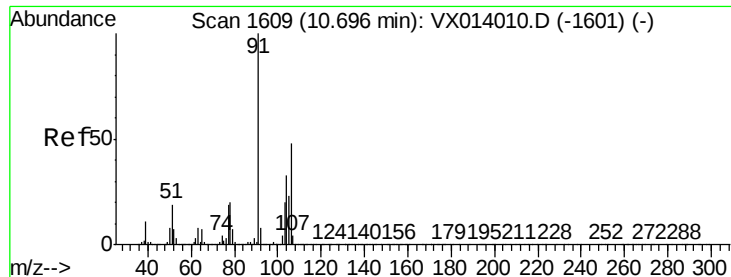
Tgt Ion: 91 Resp: 1245344
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6



#68
m/p-Xylenes
Concen: 97.071 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion: 106 Resp: 940021
Ion Ratio Lower Upper
106 100
91 200.1 158.6 238.0

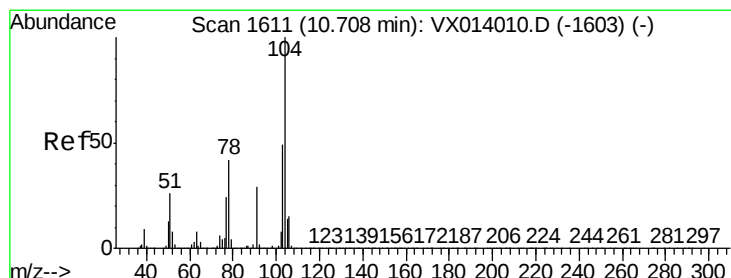
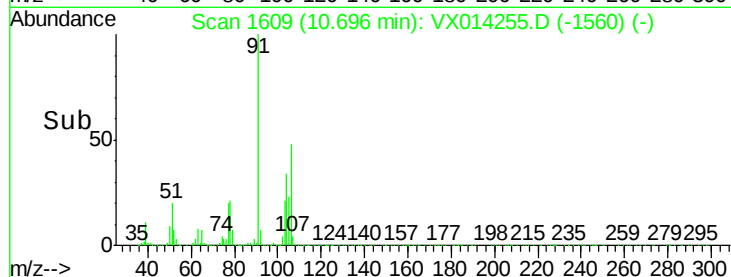
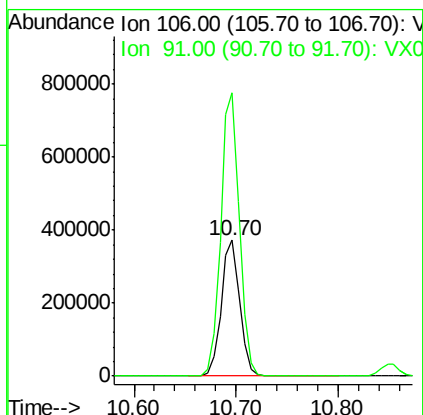
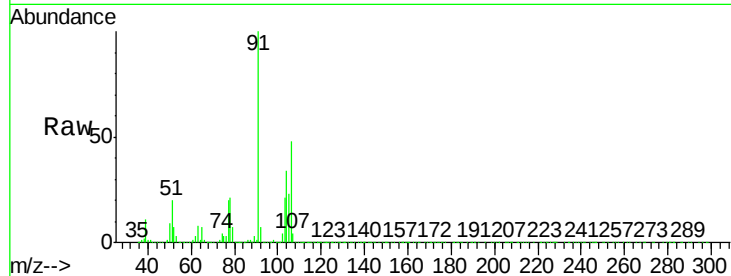




#69
o-Xylene
Concen: 49.218 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

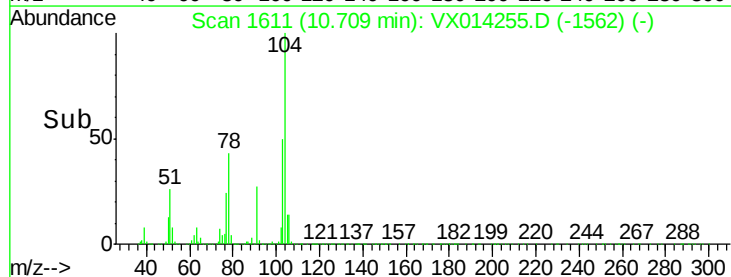
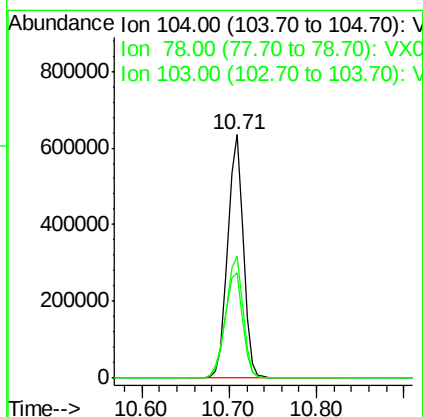
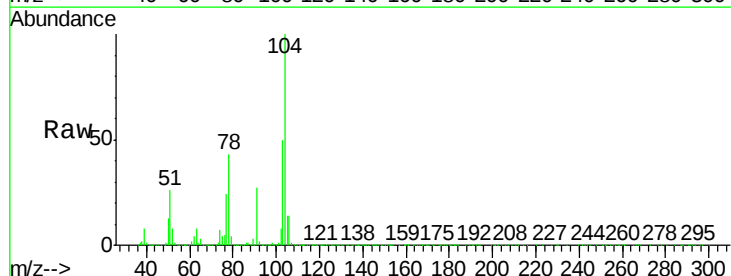
Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

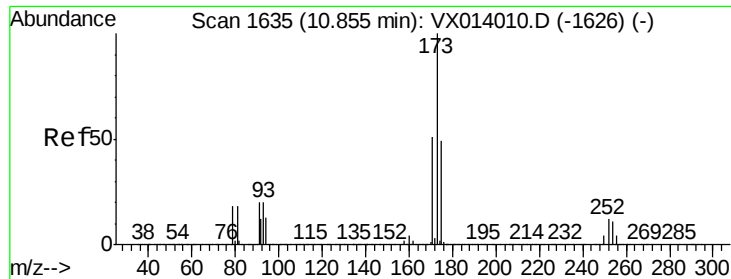
Tgt Ion:106 Resp: 467452
Ion Ratio Lower Upper
106 100
91 210.4 104.2 312.6



#70
Styrene
Concen: 49.253 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion:104 Resp: 791013
Ion Ratio Lower Upper
104 100
78 49.0 38.5 57.7
103 54.7 42.9 64.3

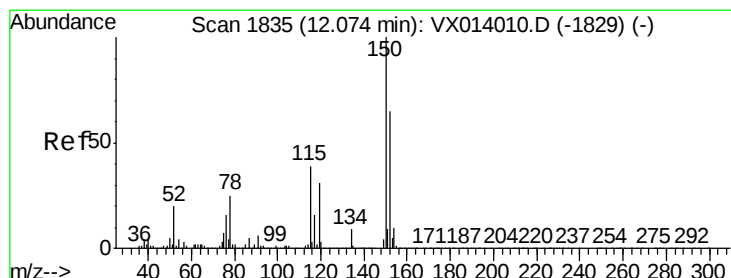
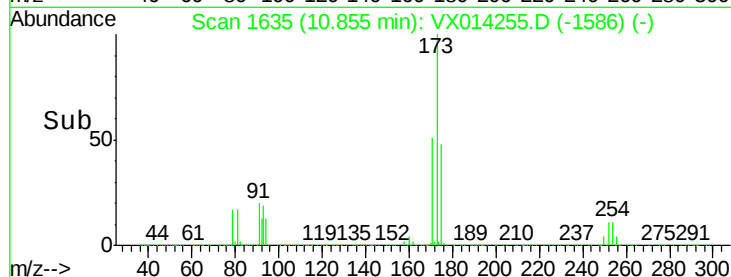
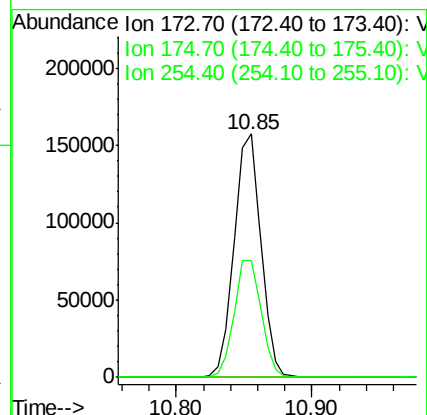
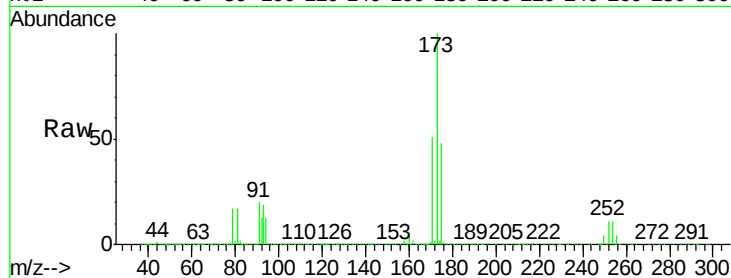




#71
Bromoform
Concen: 51.435 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

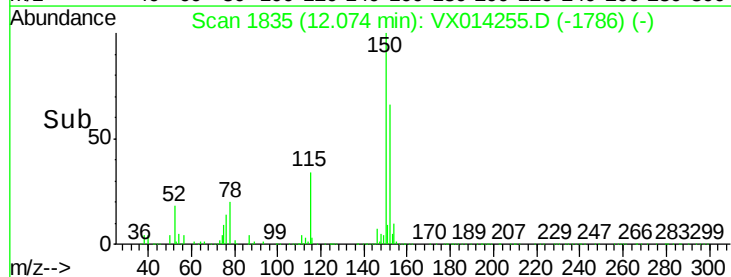
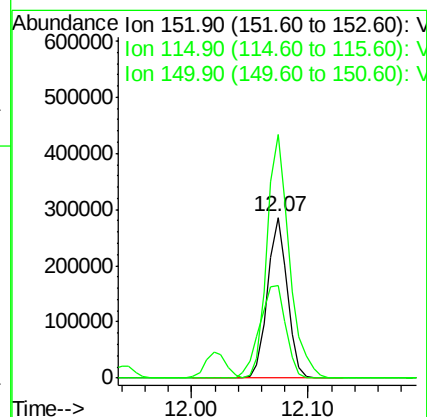
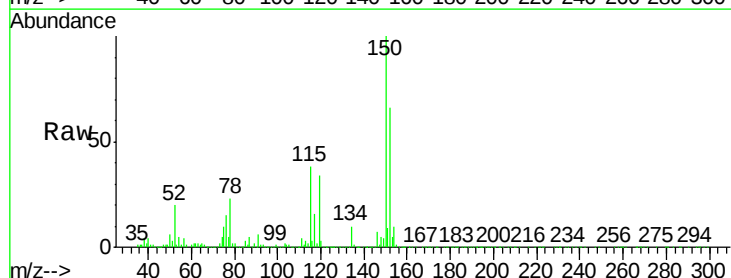
Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

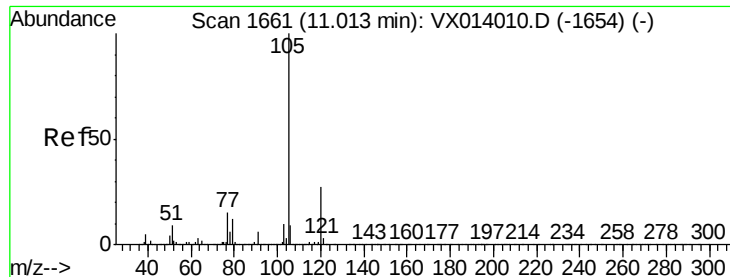
Tgt Ion:173 Resp: 216196
Ion Ratio Lower Upper
173 100
175 48.7 24.4 73.4
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion:152 Resp: 338475
Ion Ratio Lower Upper
152 100
115 76.4 38.3 114.9
150 171.2 0.0 345.4





#73

Isopropylbenzene

Concen: 50.960 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

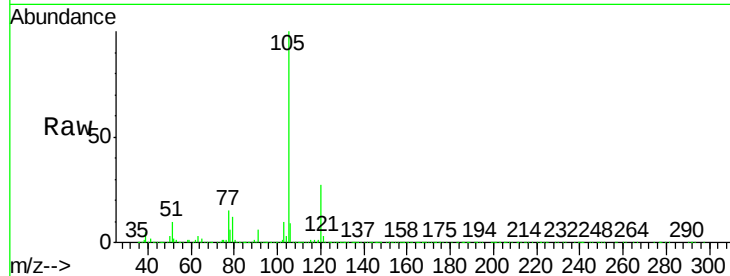
996-MW-15-(17)MS

Tgt Ion: 105 Resp: 1214432

Ion Ratio Lower Upper

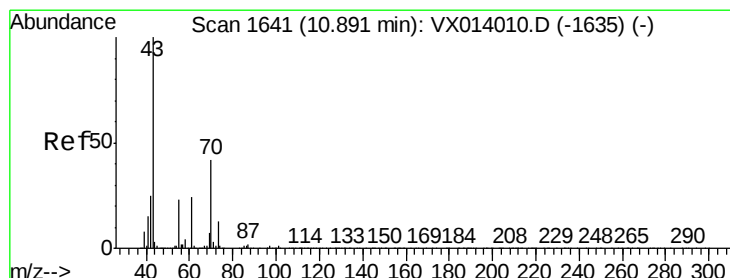
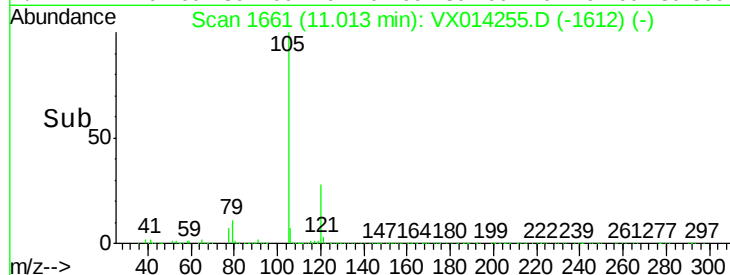
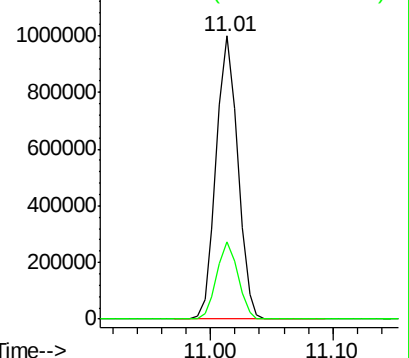
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.993 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Tgt Ion: 43 Resp: 536115

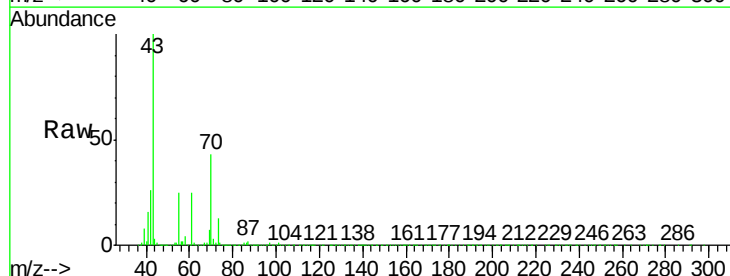
Ion Ratio Lower Upper

43 100

70 43.1 34.4 51.6

55 24.6 19.1 28.7

61 24.8 19.7 29.5

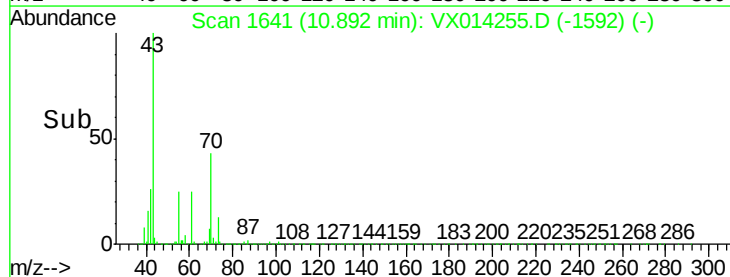
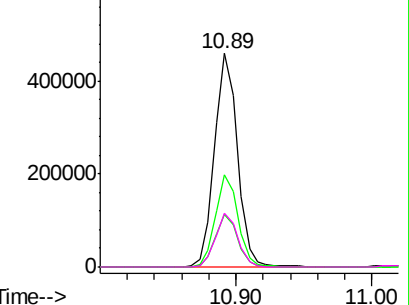


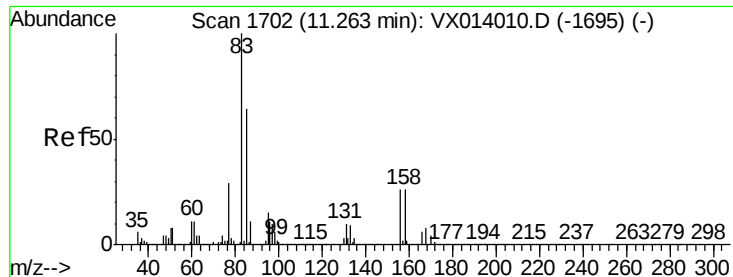
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.279 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MS

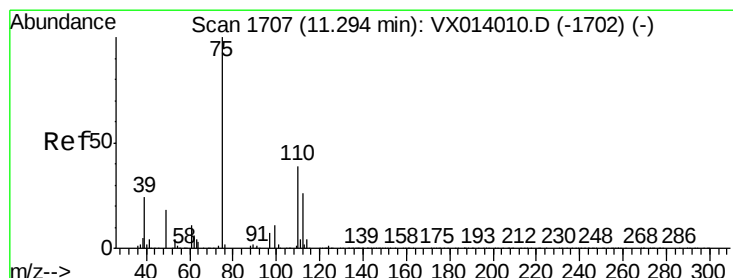
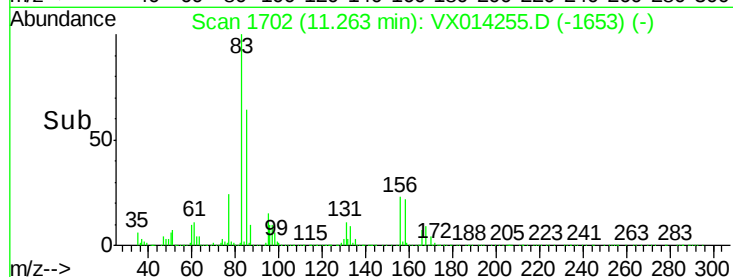
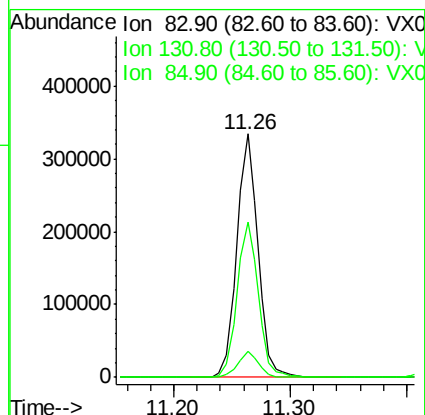
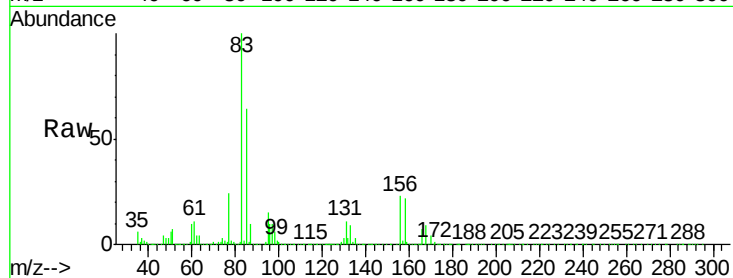
Tgt Ion: 83 Resp: 423668

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.2

85 64.0 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 65.015 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014255.D

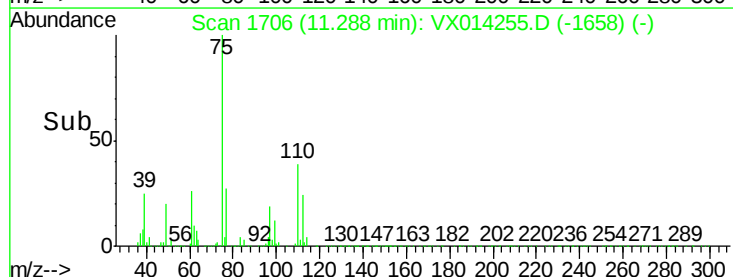
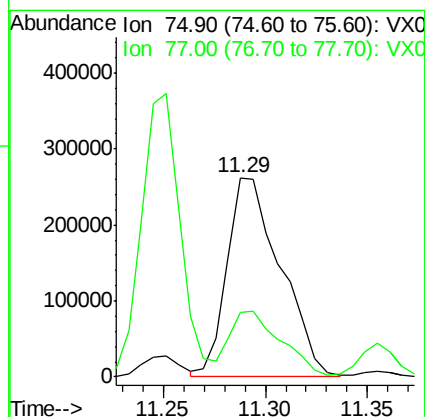
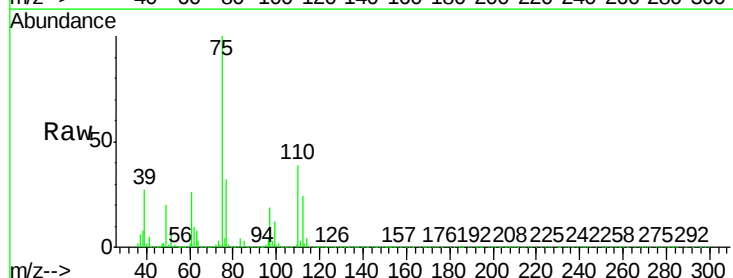
Acq: 24 Dec 2019 19:08

Tgt Ion: 75 Resp: 477743

Ion Ratio Lower Upper

75 100

77 31.2 19.3 57.8





#77

Bromobenzene

Concen: 48.535 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MS

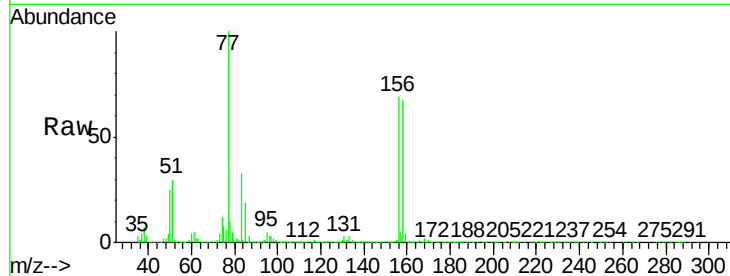
Tgt Ion: 156 Resp: 318233

Ion Ratio Lower Upper

156 100

77 154.5 76.5 229.5

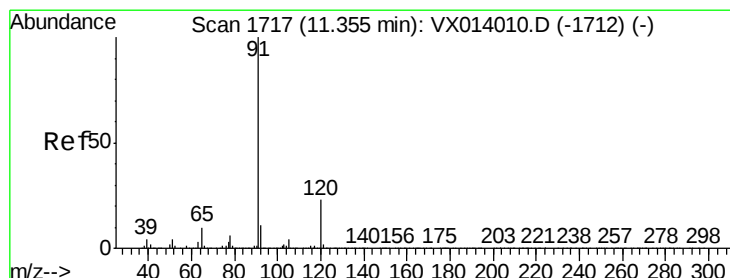
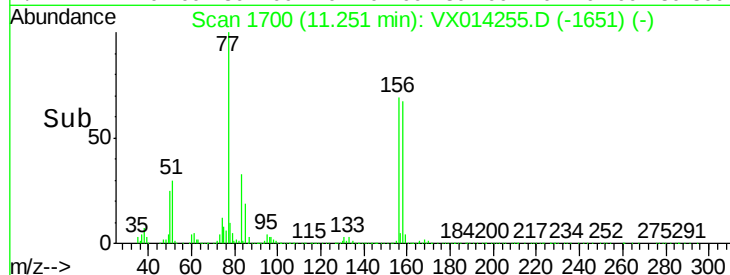
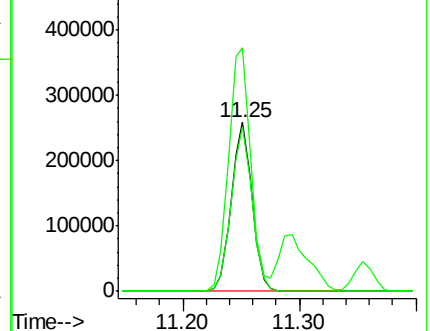
158 98.2 49.3 147.9



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: 50.750 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014255.D

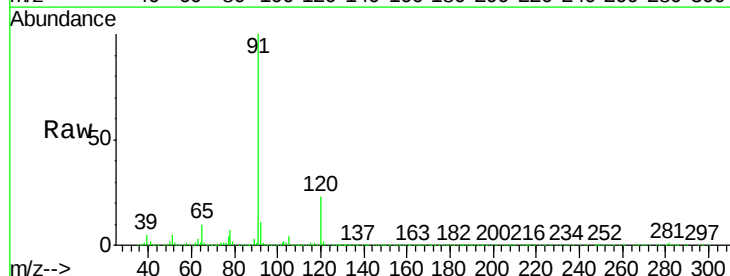
Acq: 24 Dec 2019 19:08

Tgt Ion: 91 Resp: 1356585

Ion Ratio Lower Upper

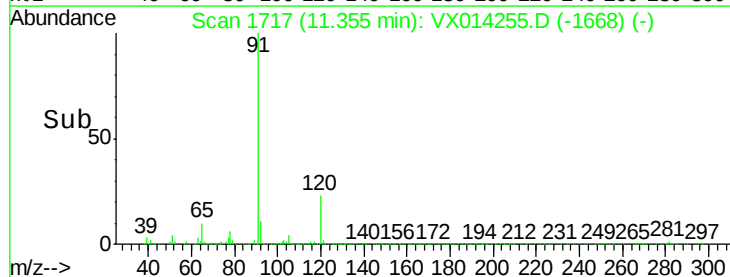
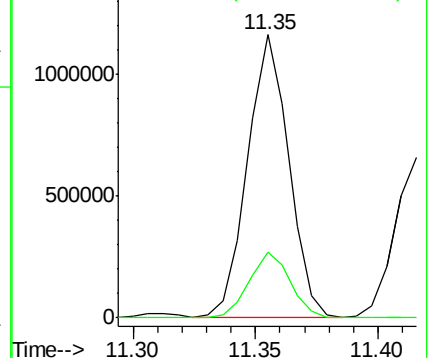
91 100

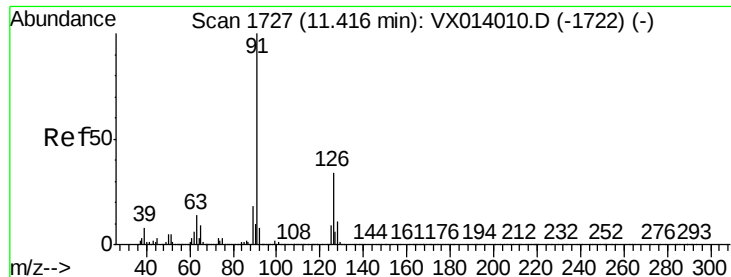
120 23.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.895 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

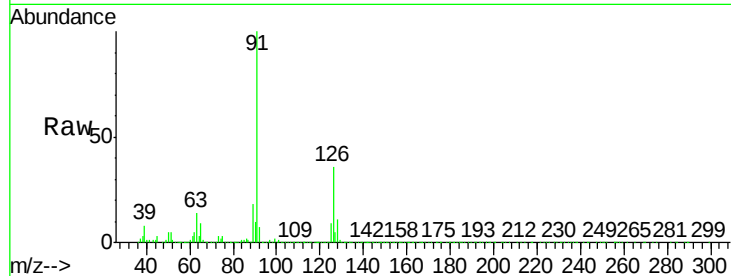
996-MW-15-(17)MS

Tgt Ion: 91 Resp: 810748

Ion Ratio Lower Upper

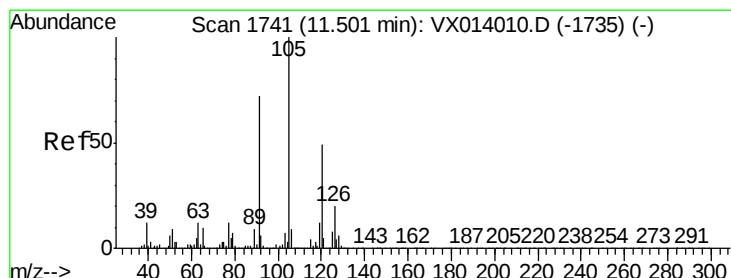
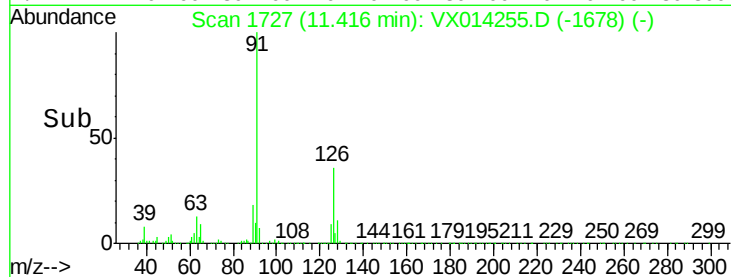
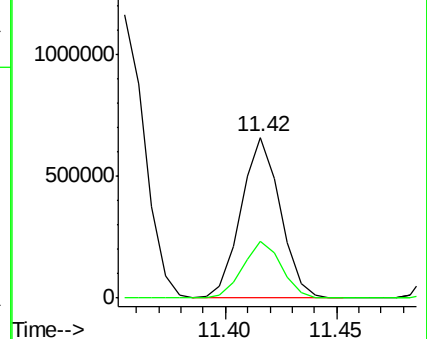
91 100

126 35.2 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.825 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014255.D

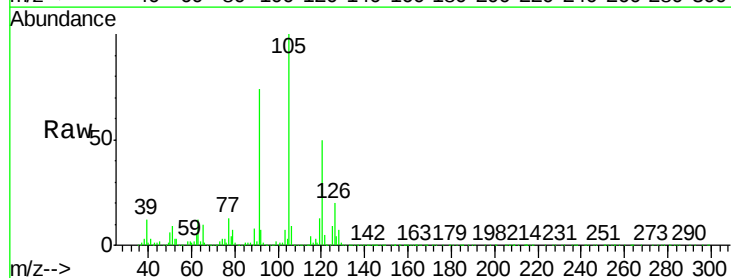
Acq: 24 Dec 2019 19:08

Tgt Ion: 105 Resp: 999311

Ion Ratio Lower Upper

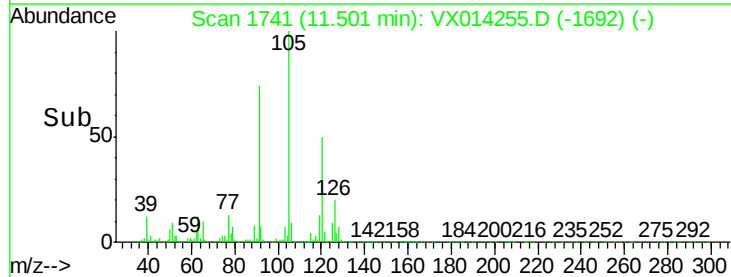
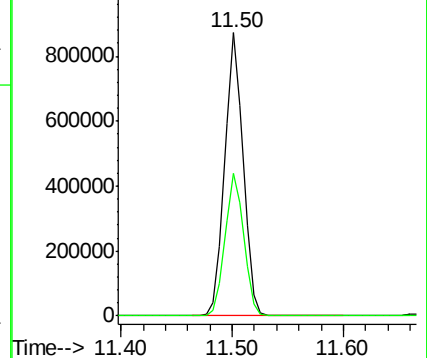
105 100

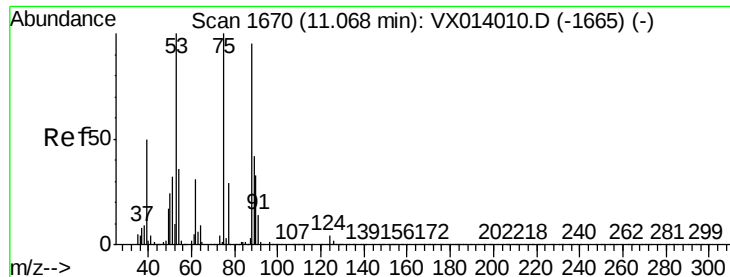
120 51.1 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 50.406 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MS

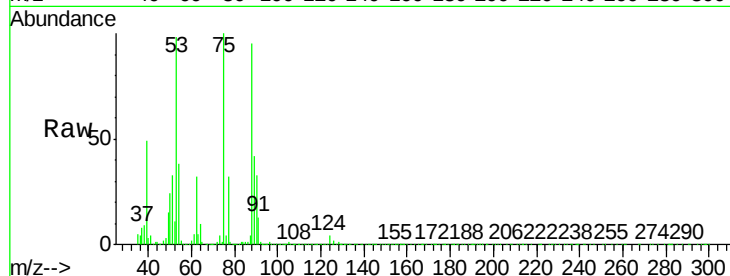
Tgt Ion: 75 Resp: 131228

Ion Ratio Lower Upper

75 100

53 100.0 76.7 115.1

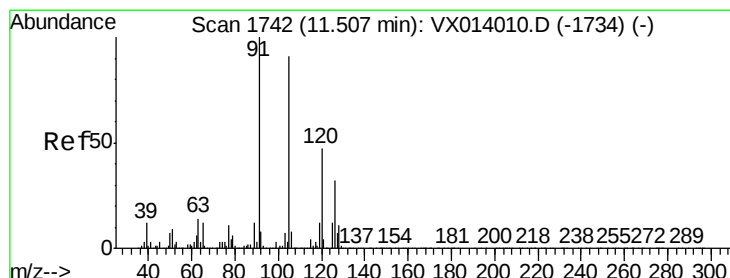
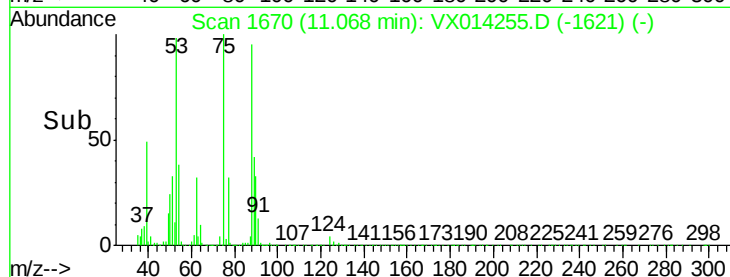
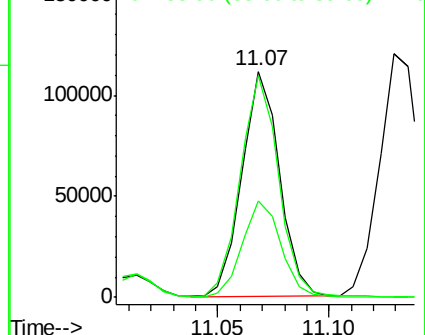
89 44.4 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.387 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014255.D

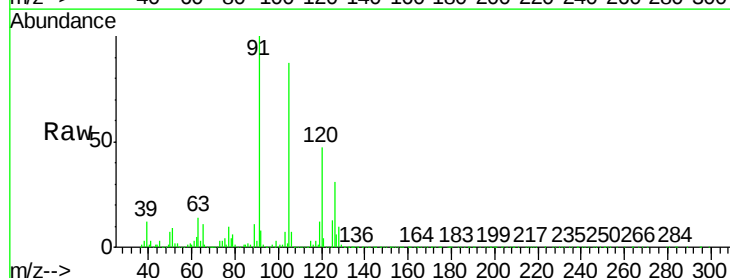
Acq: 24 Dec 2019 19:08

Tgt Ion: 91 Resp: 930870

Ion Ratio Lower Upper

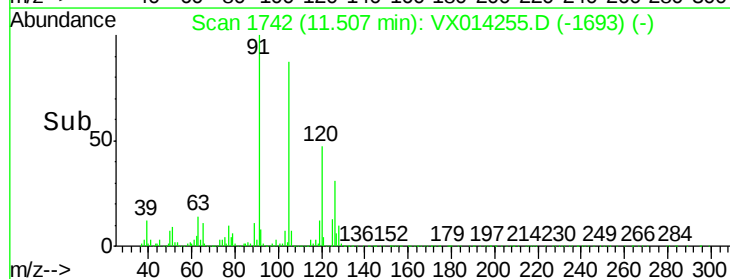
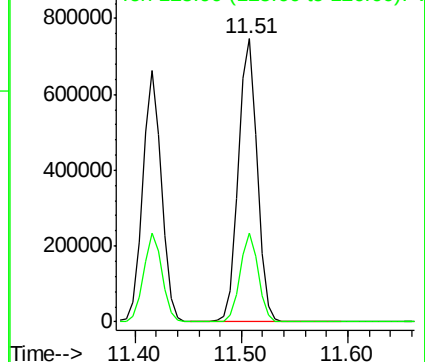
91 100

126 30.2 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

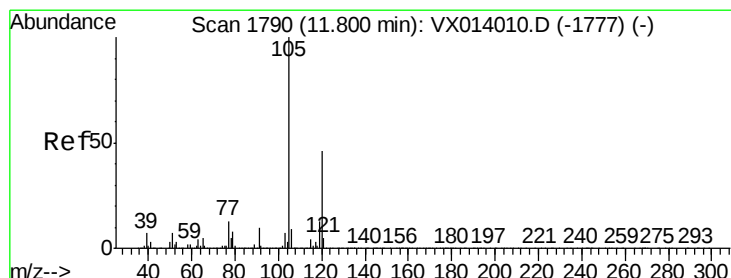
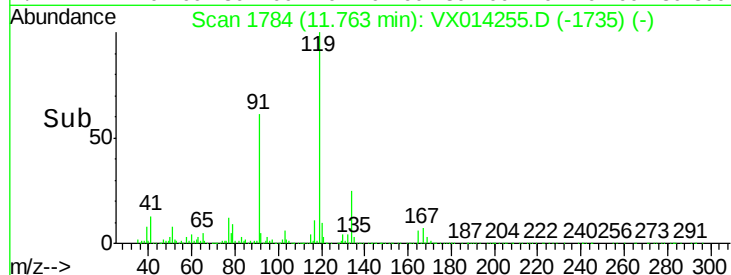
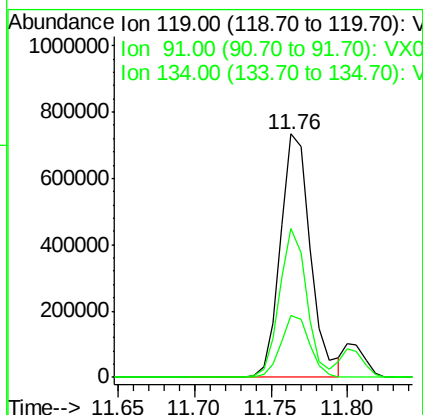
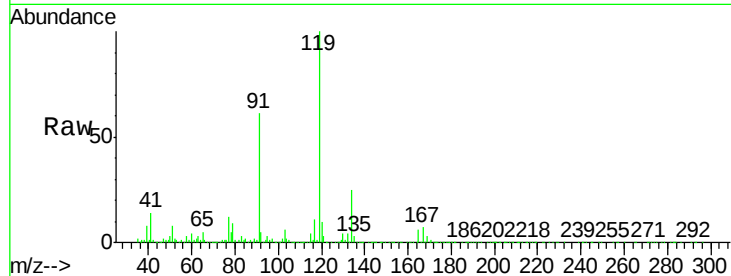




#83
 tert-Butylbenzene
 Concen: 51.404 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014255.D
 Acq: 24 Dec 2019 19:08

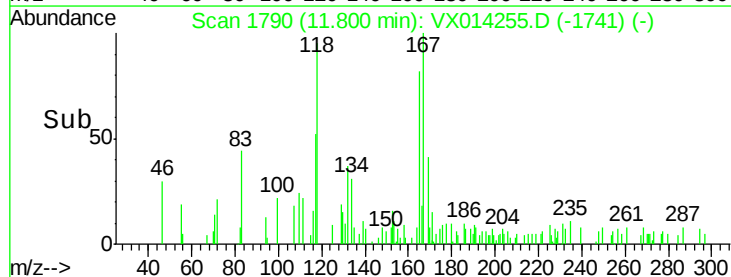
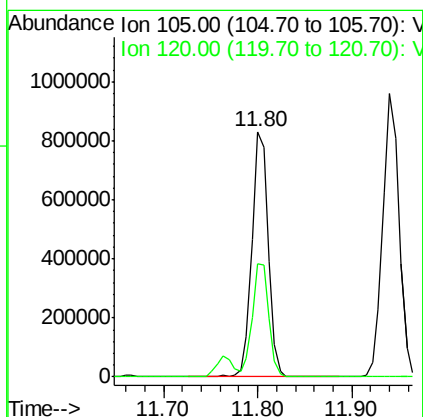
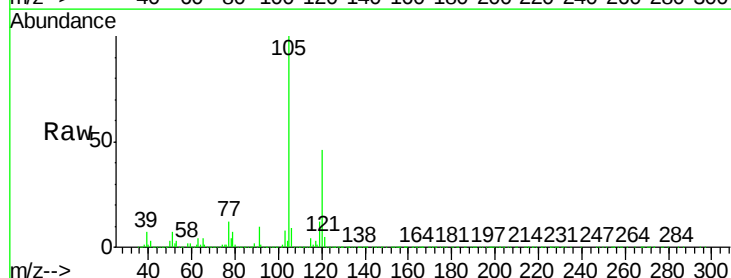
Instrument :
 MSVOA_X
 ClientSampleId :
 996-MW-15-(17)MS

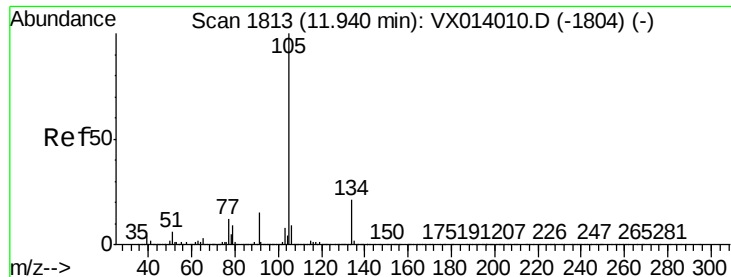
Tgt Ion:119 Resp: 1003325
 Ion Ratio Lower Upper
 119 100
 91 55.5 28.5 85.6
 134 24.1 12.2 36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 50.777 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014255.D
 Acq: 24 Dec 2019 19:08

Tgt Ion:105 Resp: 1019870
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.1 69.2

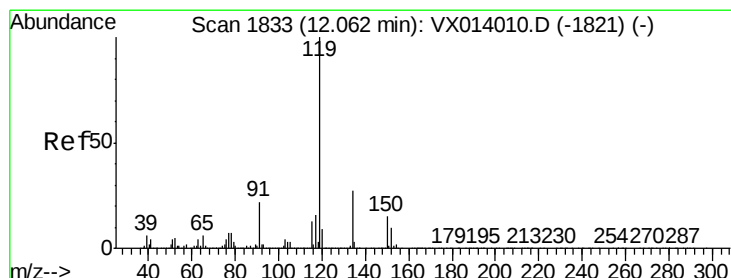
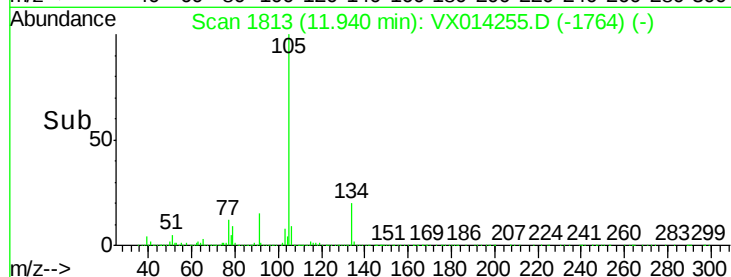
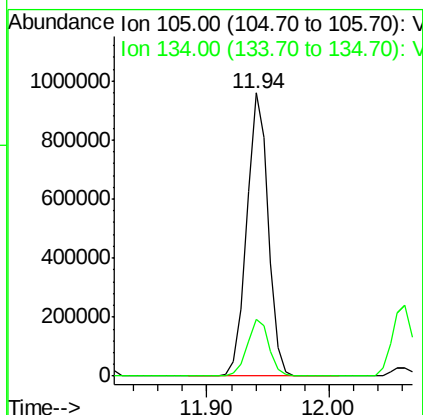
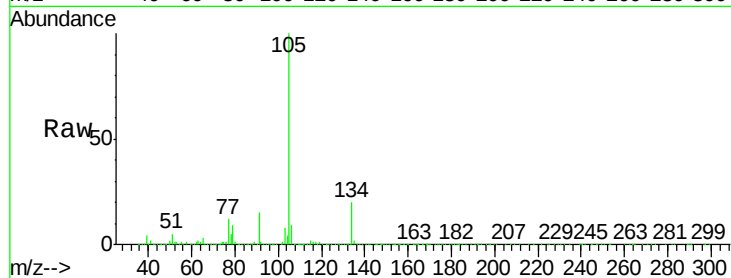




#85
 sec-Butylbenzene
 Concen: 50.447 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014255.D
 Acq: 24 Dec 2019 19:08

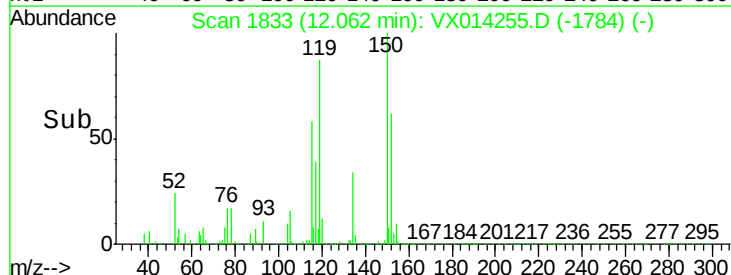
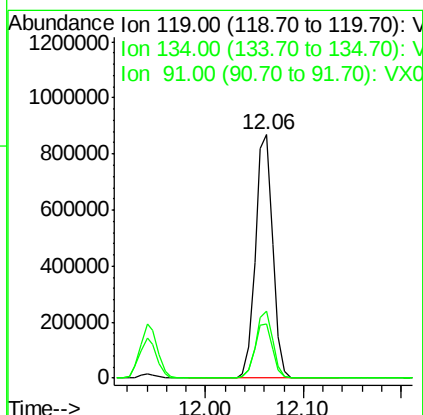
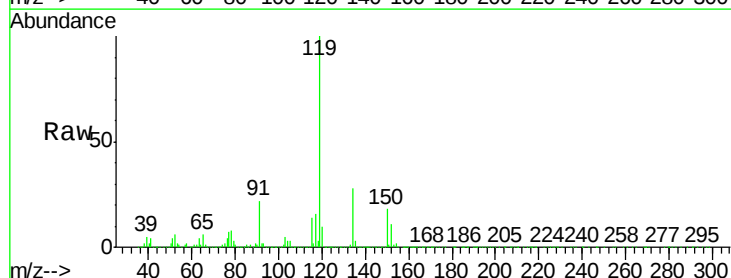
Instrument :
 MSVOA_X
 ClientSampleId :
 996-MW-15-(17)MS

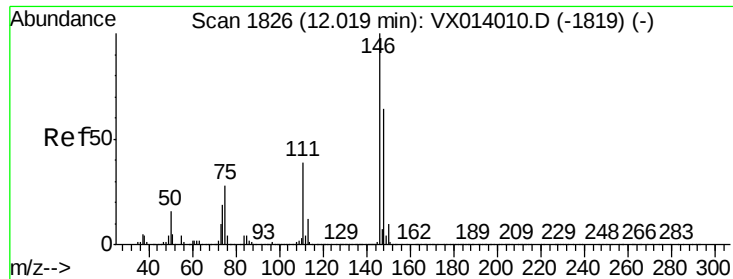
Tgt Ion:105 Resp: 1162400
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 50.087 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014255.D
 Acq: 24 Dec 2019 19:08

Tgt Ion:119 Resp: 1055684
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 22.8 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 47.368 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

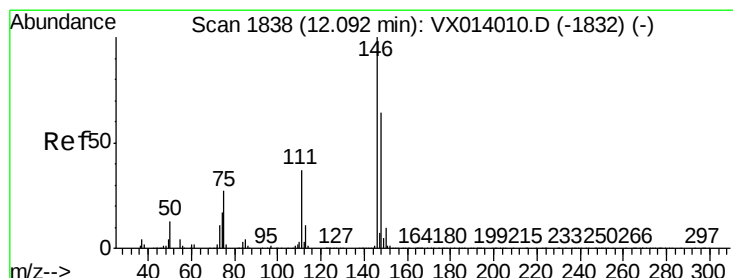
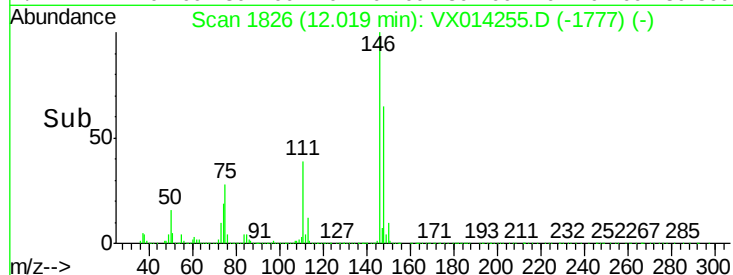
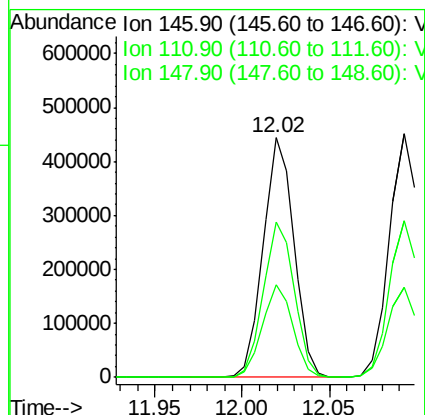
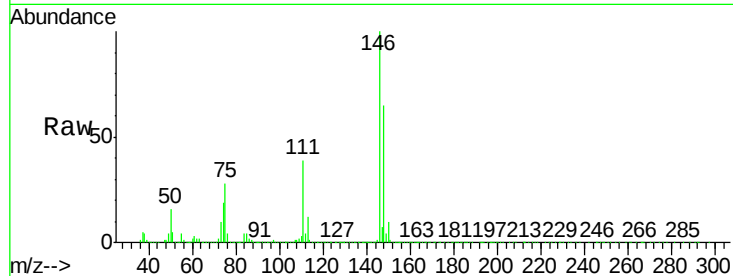
Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

Tgt Ion:146 Resp: 544333

Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.1
148	65.0	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 46.394 ug/l

RT: 12.09 min Scan# 1838

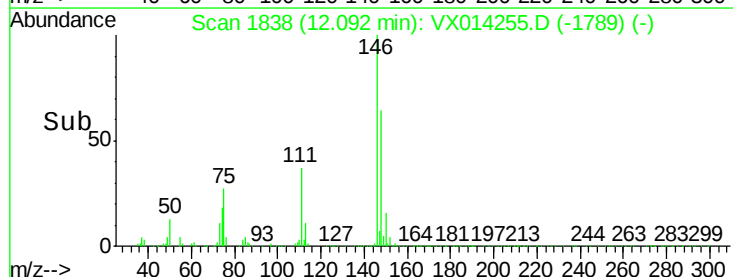
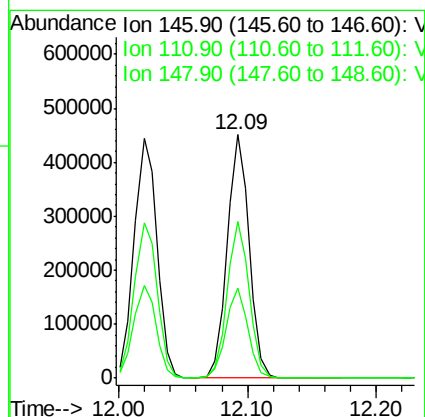
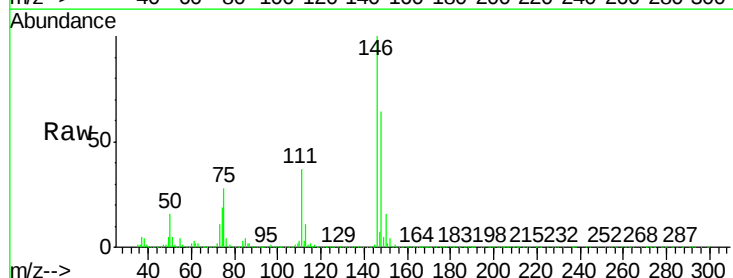
Delta R.T. 0.00 min

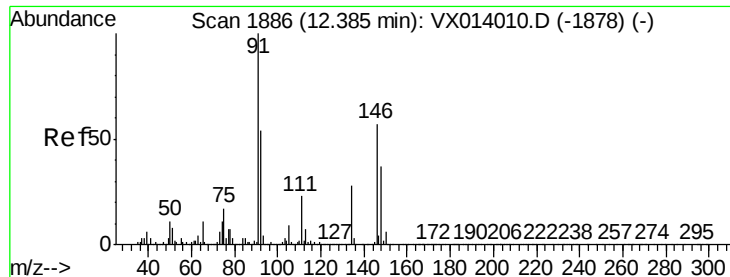
Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Tgt Ion:146 Resp: 542101

Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.7	56.1
148	64.4	31.9	95.9





#89

n-Butylbenzene

Concen: 49.500 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MS

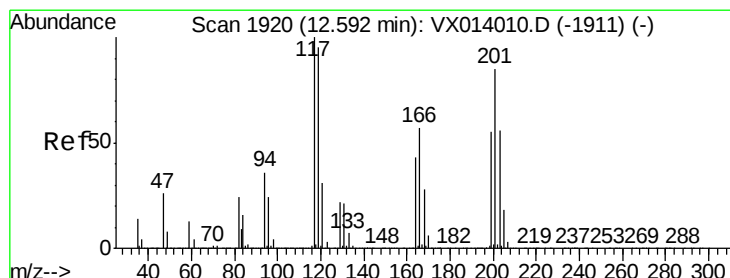
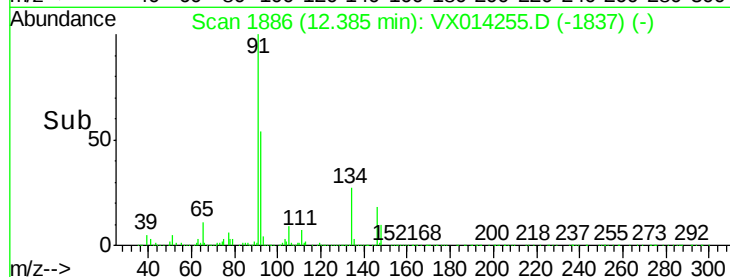
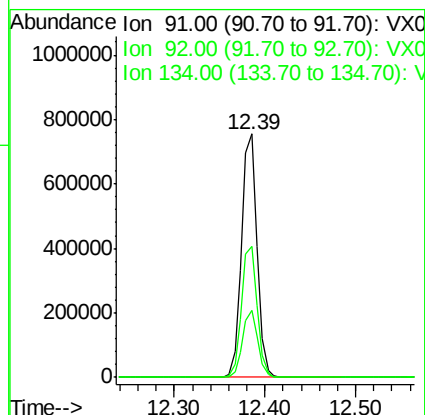
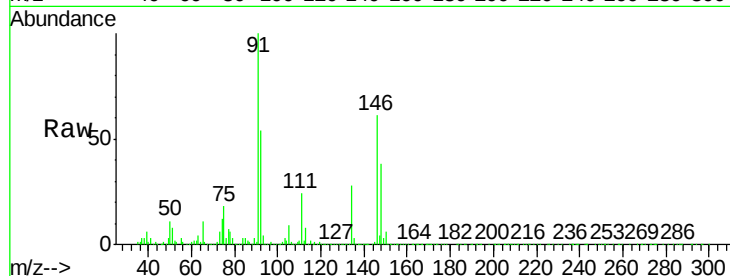
Tgt Ion: 91 Resp: 890234

Ion Ratio Lower Upper

91 100

92 54.3 27.2 81.6

134 27.1 13.4 40.1



#90

Hexachloroethane

Concen: 50.603 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014255.D

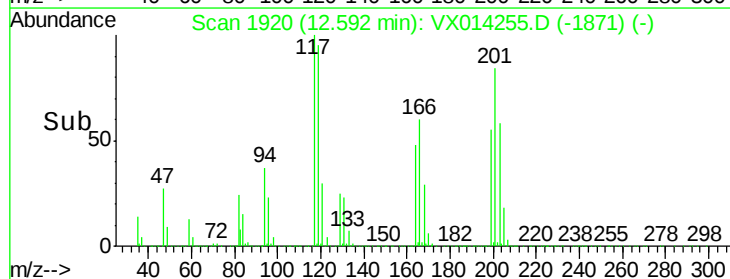
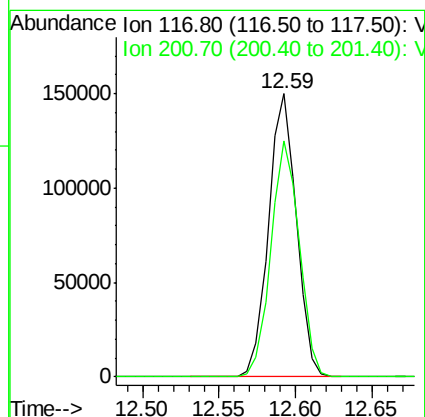
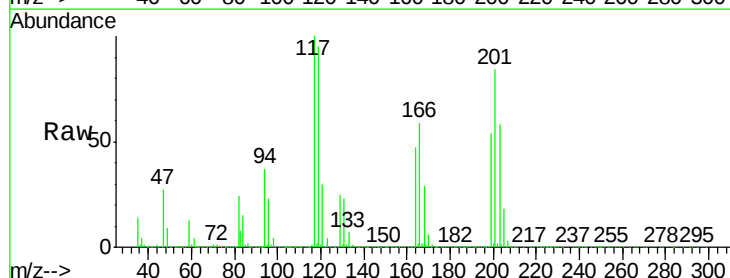
Acq: 24 Dec 2019 19:08

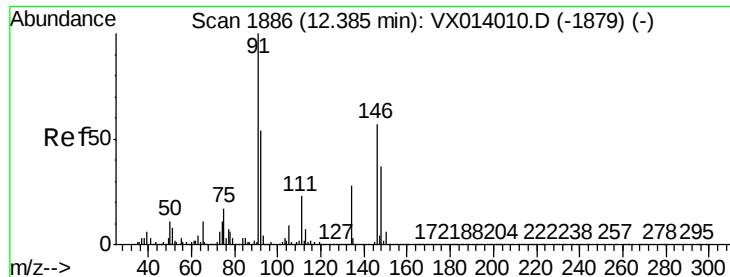
Tgt Ion: 117 Resp: 191572

Ion Ratio Lower Upper

117 100

201 84.8 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 48.047 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

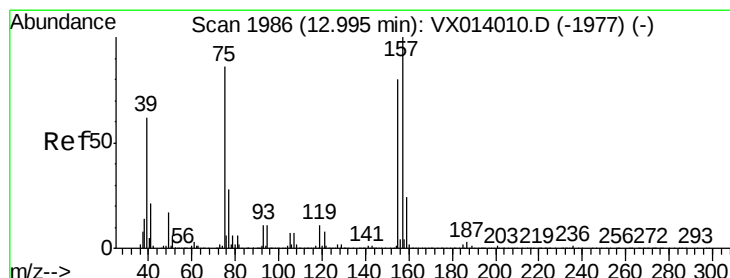
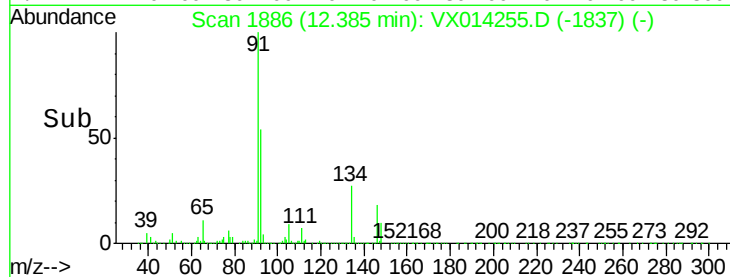
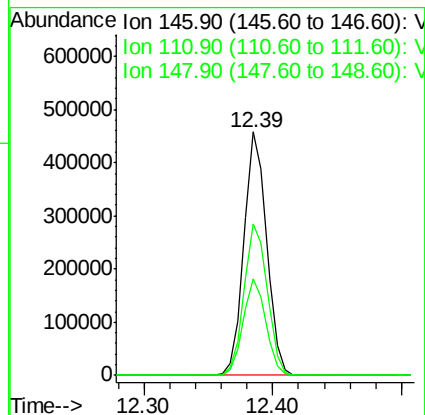
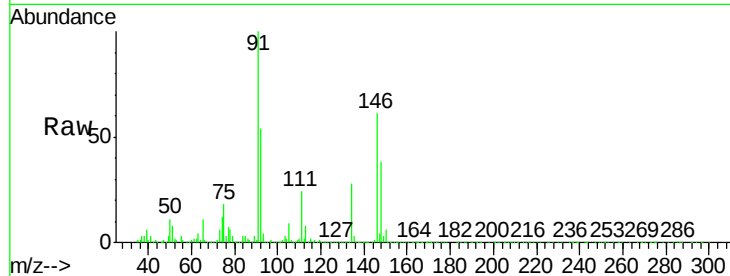
Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MS

Tgt Ion:	146	Resp:	555817
Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.7	59.1
148	63.9	32.1	96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.172 ug/l

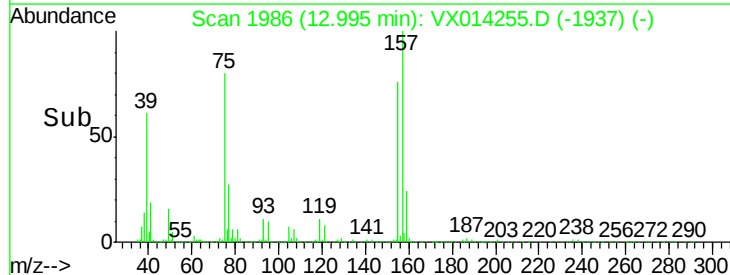
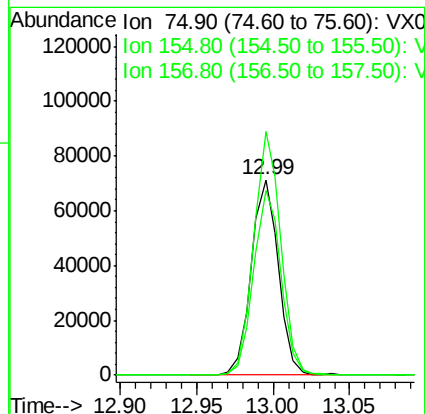
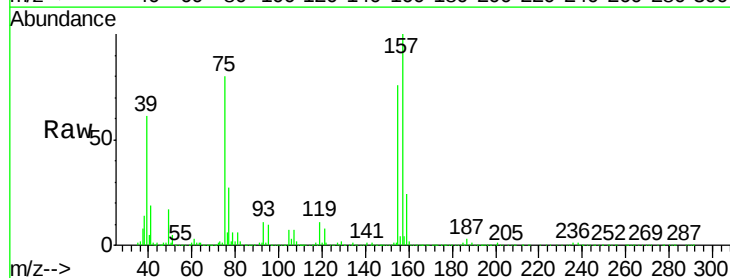
RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Tgt Ion:	75	Resp:	88076
Ion	Ratio	Lower	Upper
75	100		
155	94.9	46.9	140.6
157	124.2	60.8	182.4

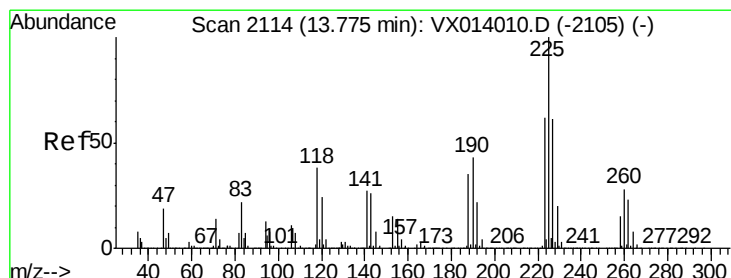
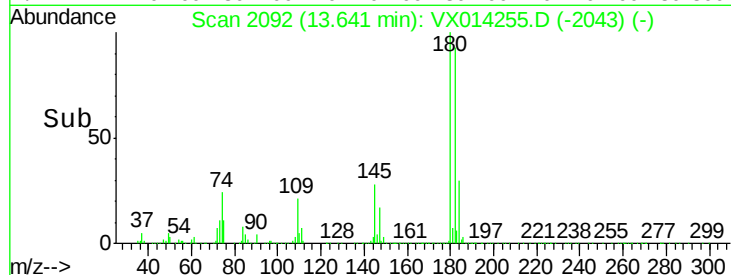
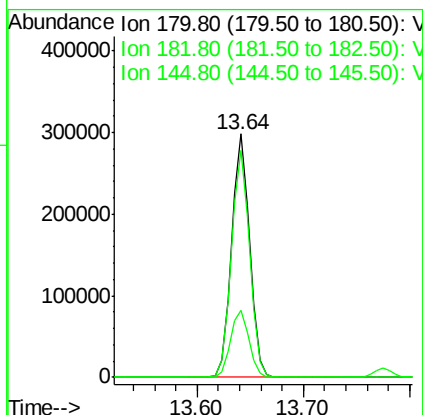
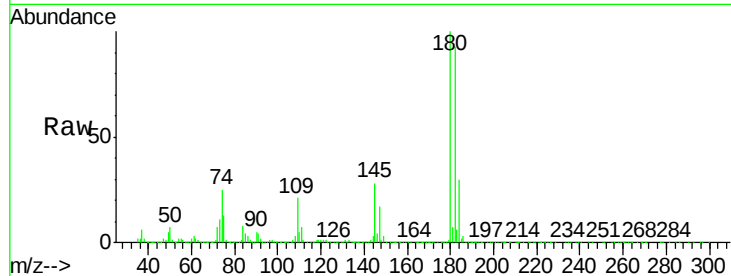




#93
 1,2,4-Trichlorobenzene
 Concen: 47.314 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014255.D
 Acq: 24 Dec 2019 19:08

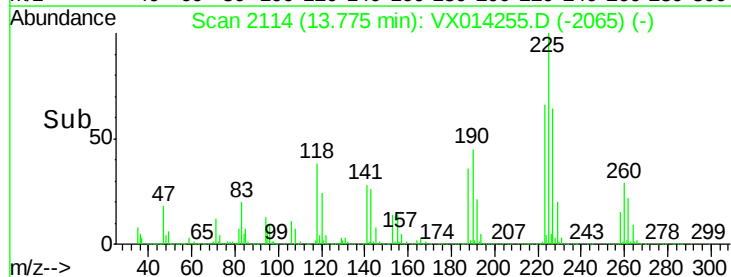
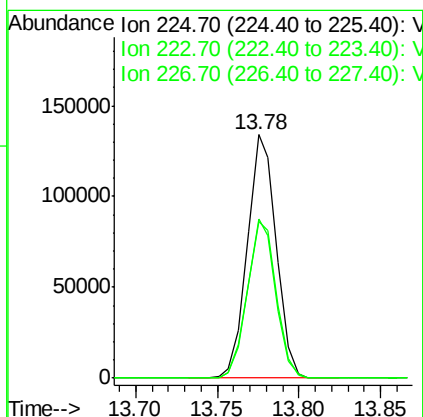
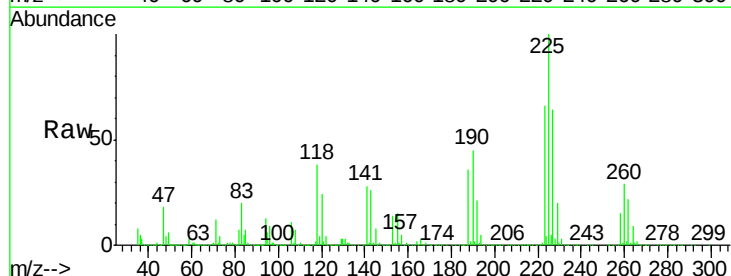
Instrument :
 MSVOA_X
 ClientSampleId :
 996-MW-15-(17)MS

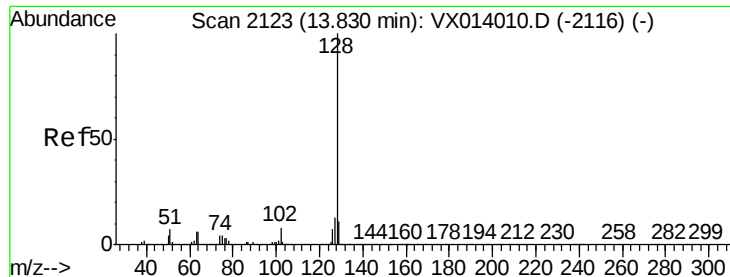
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	46.6	139.8
145	28.1	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 45.759 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014255.D
 Acq: 24 Dec 2019 19:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	30.9	92.5
227	65.1	30.9	92.7





#95

Naphthalene

Concen: 49.997 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MS

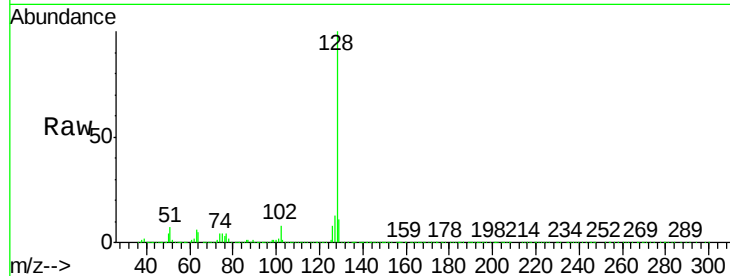
Tgt Ion:128 Resp: 1104462

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

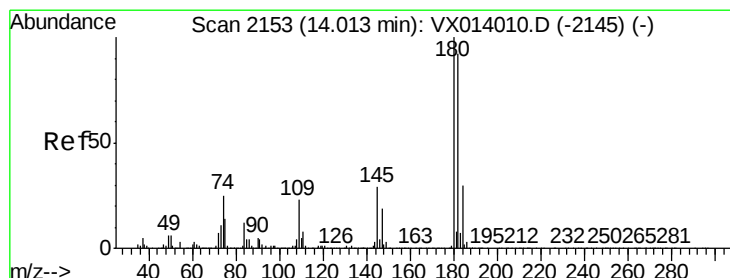
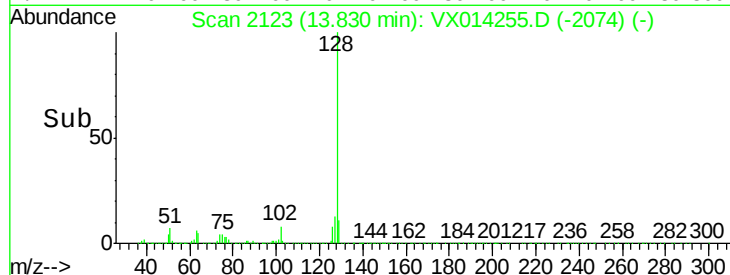
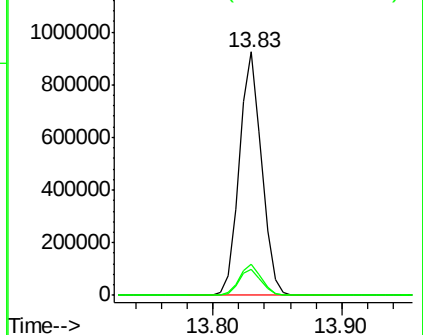
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.848 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

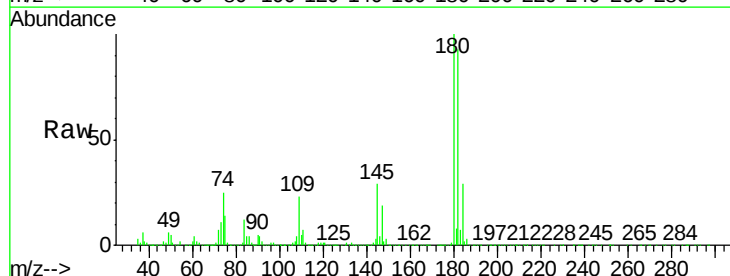
Tgt Ion:180 Resp: 362558

Ion Ratio Lower Upper

180 100

182 95.9 46.8 140.3

145 29.0 14.8 44.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

