

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX123119\
 Data File : VX014381.D
 Acq On : 31 Dec 2019 15:40
 Operator : JC/SP
 Sample : K6464-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-1MS

Quant Time: Jan 01 03:18:42 2020
 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	467139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	727038	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	647945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	308627	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	268942	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
35) Dibromofluoromethane	5.49	113	225349	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
50) Toluene-d8	8.71	98	841233	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
62) 4-Bromofluorobenzene	11.13	95	294831	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	170459	40.788	ug/l	98
3) Chloromethane	1.32	50	240091	42.808	ug/l	100
4) Vinyl Chloride	1.40	62	261161	44.130	ug/l	99
5) Bromomethane	1.63	94	187004	44.522	ug/l	100
6) Chloroethane	1.71	64	173079	47.386	ug/l	96
7) Trichlorofluoromethane	1.92	101	352226	48.080	ug/l	98
8) Diethyl Ether	2.18	74	168447	48.993	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	210972	47.774	ug/l	100
10) Methyl Iodide	2.50	142	261095	45.104	ug/l	100
11) Tert butyl alcohol	3.03	59	317041	277.135	ug/l	97
12) 1,1-Dichloroethene	2.36	96	208866	46.481	ug/l	98
13) Acrolein	2.28	56	186672	285.057	ug/l	98
14) Allyl chloride	2.72	41	401393	50.029	ug/l	98
15) Acrylonitrile	3.13	53	727212	272.348	ug/l	100
16) Acetone	2.44	43	608178	176.941	ug/l	100
17) Carbon Disulfide	2.56	76	485024	39.047	ug/l	99
18) Methyl Acetate	2.76	43	373849	54.890	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	783151	53.037	ug/l	98
20) Methylene Chloride	2.85	84	251098	46.391	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	222913	45.028	ug/l	98
22) Diisopropyl ether	3.84	45	845325	52.872	ug/l	98
23) Vinyl Acetate	3.80	43	3620786	277.514	ug/l	100
24) 1,1-Dichloroethane	3.69	63	441885	49.677	ug/l	99
25) 2-Butanone	4.66	43	1029307	242.896	ug/l	100
26) 2,2-Dichloropropane	4.58	77	327615	47.437	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	272140	48.607	ug/l	99
28) Bromochloromethane	5.00	49	189121	55.235	ug/l	98
29) Tetrahydrofuran	5.12	42	670613	282.932	ug/l	99
30) Chloroform	5.20	83	428751	50.846	ug/l	99
31) Cyclohexane	5.57	56	371104	46.908	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	352587	49.061	ug/l	100
36) 1,1-Dichloropropene	5.79	75	309620	46.413	ug/l	100
37) Ethyl Acetate	4.82	43	403886	54.826	ug/l	100
38) Carbon Tetrachloride	5.78	117	297804	49.004	ug/l	95

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	364326	44.230	ug/l	98
40) Benzene	6.14	78	985216	47.999	ug/l	100
41) Methacrylonitrile	5.03	41	223437	54.665	ug/l	96
42) 1,2-Dichloroethane	6.18	62	337454	48.500	ug/l	99
43) Isopropyl Acetate	6.43	43	658610	54.023	ug/l	100
44) Trichloroethene	7.21	130	258136	45.531	ug/l	98
45) 1,2-Dichloropropane	7.51	63	269594	51.244	ug/l	95
46) Dibromomethane	7.65	93	166740	47.937	ug/l	100
47) Bromodichloromethane	7.89	83	332591	50.771	ug/l	100
48) Methyl methacrylate	7.76	41	314285	52.646	ug/l	99
49) 1,4-Dioxane	7.73	88	123205	1014.140	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2086497	272.515	ug/l	99
52) Toluene	8.78	92	610950	47.091	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	362588	50.478	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	407827	50.963	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	261242	50.241	ug/l	99
56) Ethyl methacrylate	9.17	69	427263	52.310	ug/l	100
57) 1,3-Dichloropropane	9.37	76	437938	50.058	ug/l	100
59) 2-Hexanone	9.48	43	1567006	254.242	ug/l	100
60) Dibromochloromethane	9.58	129	267070	51.672	ug/l	99
61) 1,2-Dibromoethane	9.67	107	266130	50.023	ug/l	99
64) Tetrachloroethene	9.33	164	248176	43.285	ug/l	99
65) Chlorobenzene	10.14	112	652399	47.355	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	250665	50.957	ug/l	99
67) Ethyl Benzene	10.24	91	1151799	48.628	ug/l	99
68) m/p-Xylenes	10.35	106	870034	95.505	ug/l	99
69) o-Xylene	10.70	106	430887	48.227	ug/l	99
70) Styrene	10.71	104	714868	47.317	ug/l	98
71) Bromoform	10.85	173	207075	52.369	ug/l	100
73) Isopropylbenzene	11.01	105	1132607	52.123	ug/l	100
74) N-amyl acetate	10.89	43	559531	54.933	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	411473	54.619	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	460881	68.786	ug/l	88
77) Bromobenzene	11.25	156	290518	48.593	ug/l	100
78) n-propylbenzene	11.35	91	1256571	51.554	ug/l	100
79) 2-Chlorotoluene	11.42	91	748558	50.523	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	921076	50.366	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	132474	55.806	ug/l	99
82) 4-Chlorotoluene	11.51	91	844754	49.153	ug/l	99
83) tert-Butylbenzene	11.77	119	933152	52.433	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	942223	51.448	ug/l	100
85) sec-Butylbenzene	11.94	105	1054447	50.188	ug/l	100
86) p-Isopropyltoluene	12.06	119	979008	50.941	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	501372	47.849	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	495384	46.496	ug/l	99
89) n-Butylbenzene	12.38	91	812740	49.562	ug/l	99
90) Hexachloroethane	12.59	117	177366	51.381	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	508363	48.195	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	85947	51.554	ug/l	95
93) 1,2,4-Trichlorobenzene	13.64	180	326079	47.563	ug/l	98

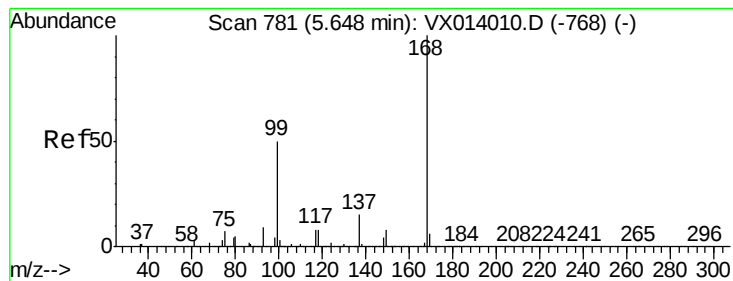
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	152743	46.358	ug/l	96
95) Naphthalene	13.83	128	1067746	53.010	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	331215	48.941	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

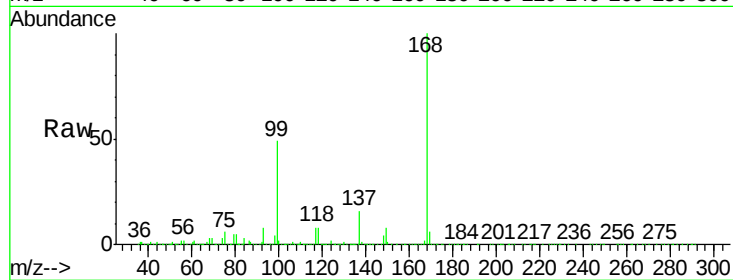
GW-1MS

Tgt Ion:168 Resp: 467139

Ion Ratio Lower Upper

168 100

99 48.5 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

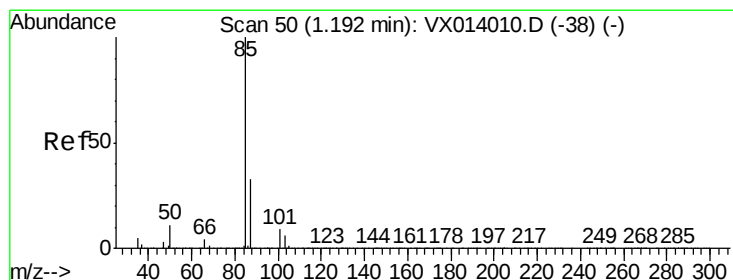
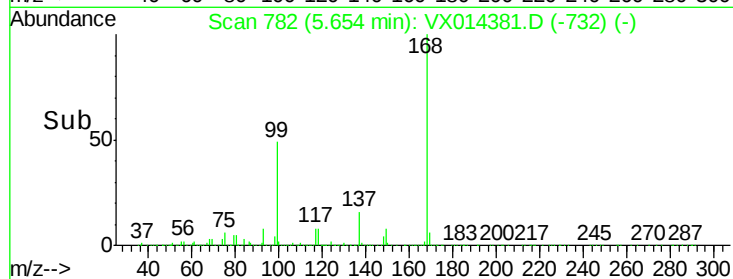
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 40.788 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014381.D

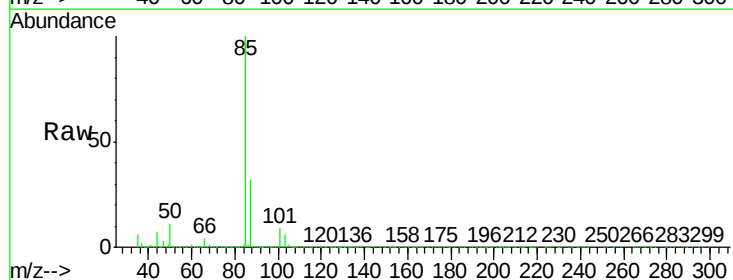
Acq: 31 Dec 2019 15:40

Tgt Ion: 85 Resp: 170459

Ion Ratio Lower Upper

85 100

87 31.9 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

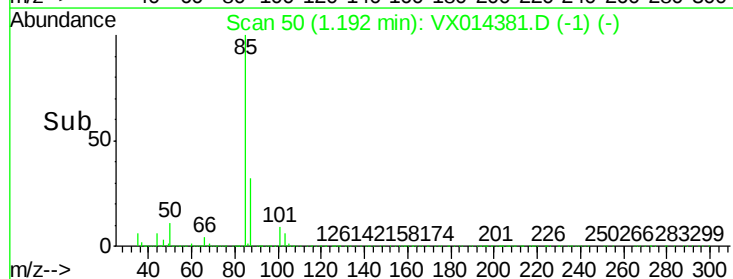
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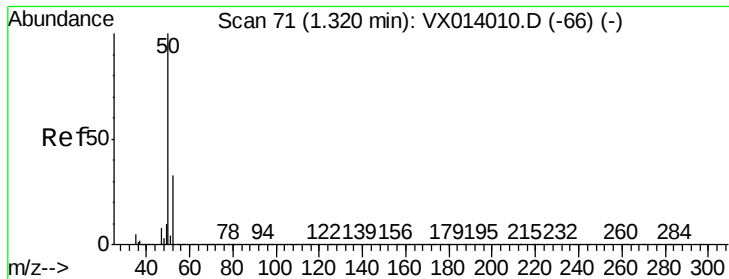
100000

50000

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Time-->





#3

Chloromethane

Concen: 42.808 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

Instrument :

MSVOA_X

ClientSampled :

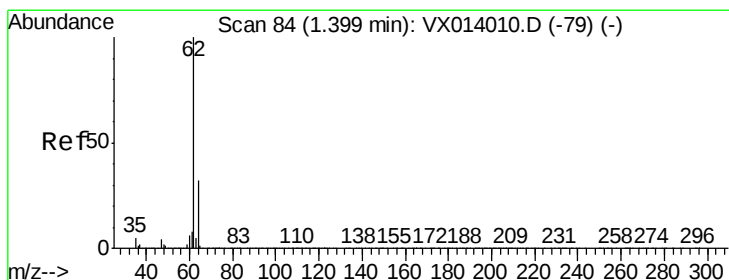
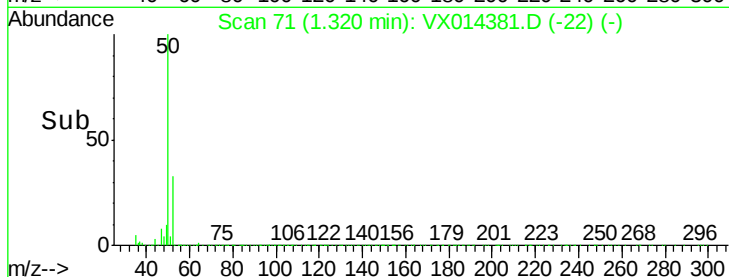
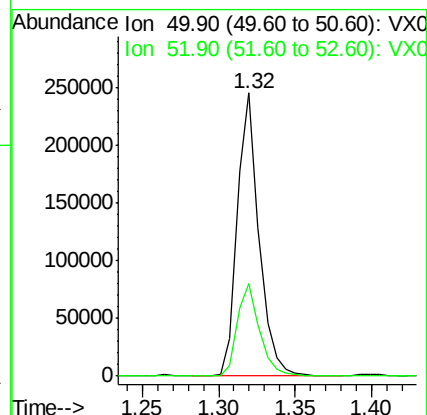
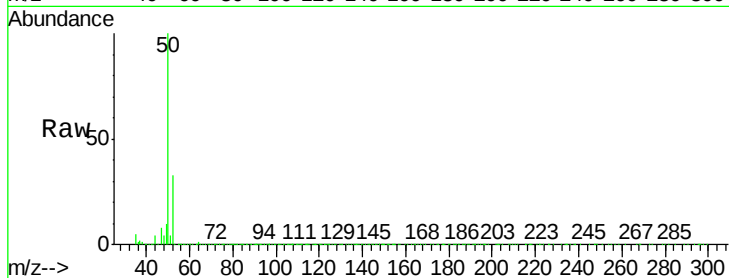
GW-1MS

Tgt Ion: 50 Resp: 240091

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.4



#4

Vinyl Chloride

Concen: 44.130 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014381.D

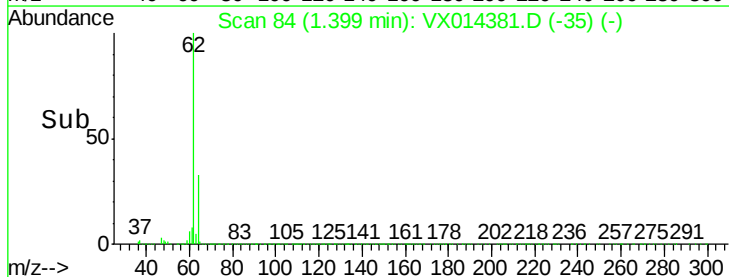
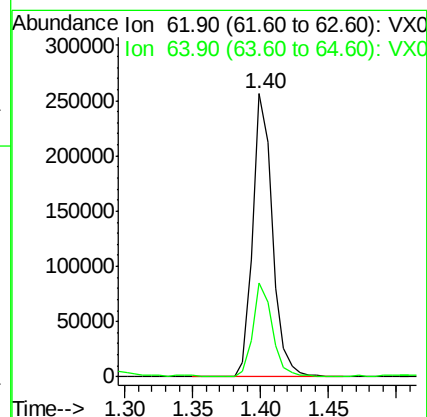
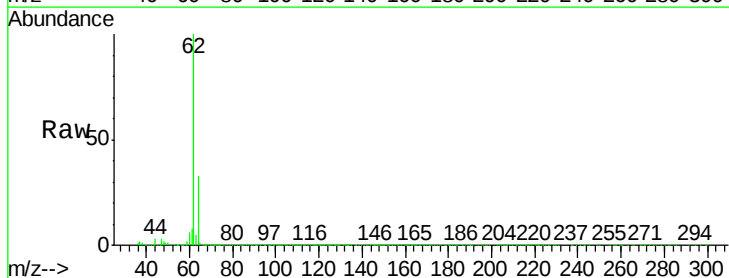
Acq: 31 Dec 2019 15:40

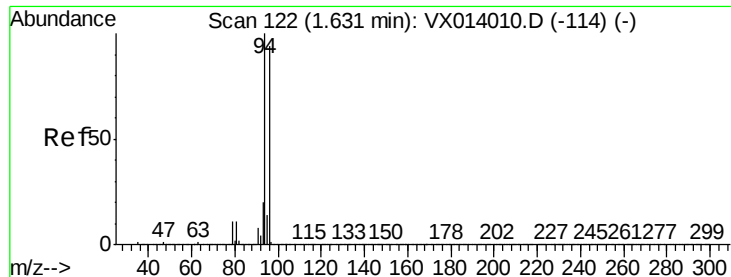
Tgt Ion: 62 Resp: 261161

Ion Ratio Lower Upper

62 100

64 32.9 25.7 38.5





#5

Bromomethane

Concen: 44.522 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

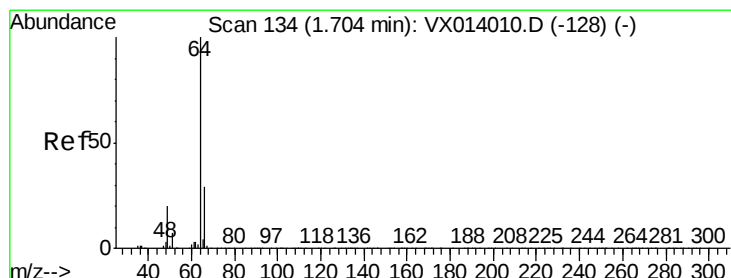
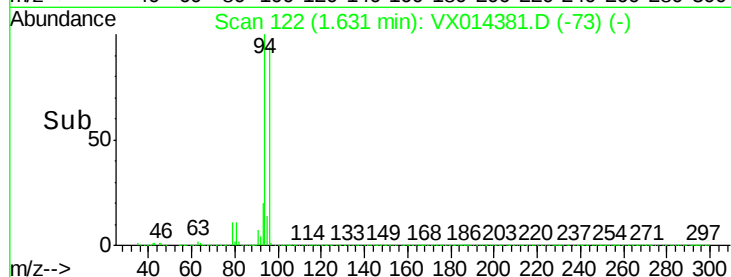
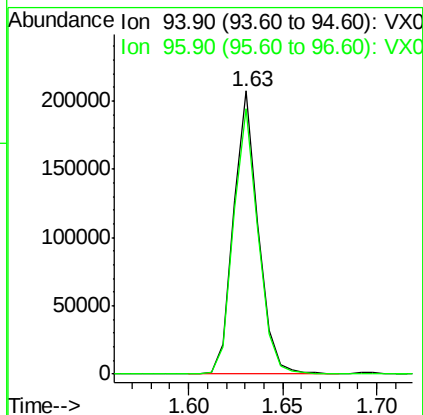
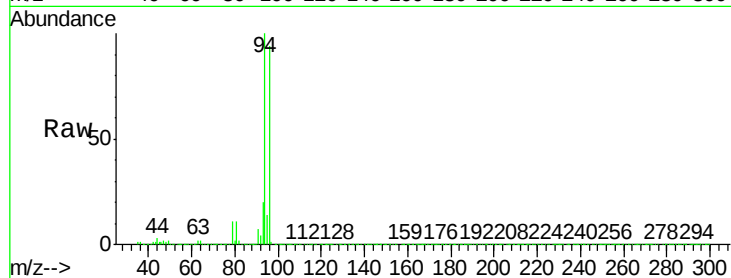
GW-1MS

Tgt Ion: 94 Resp: 187004

Ion Ratio Lower Upper

94 100

96 94.1 75.2 112.8



#6

Chloroethane

Concen: 47.386 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014381.D

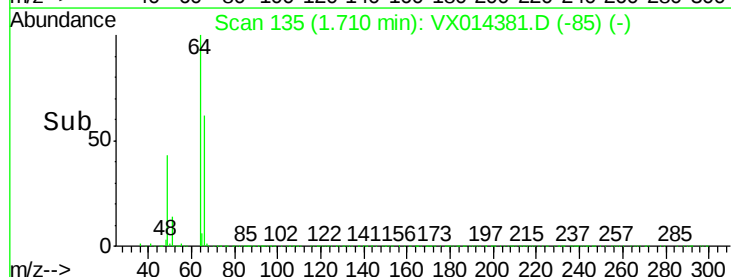
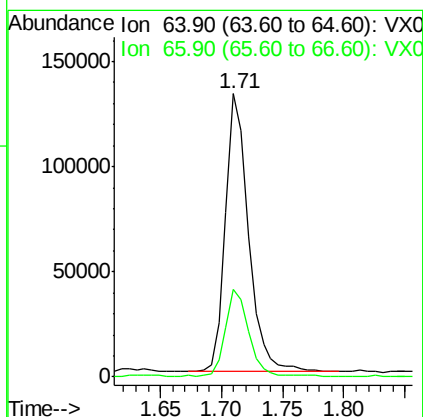
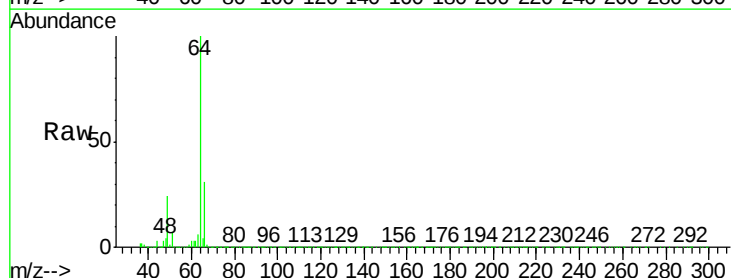
Acq: 31 Dec 2019 15:40

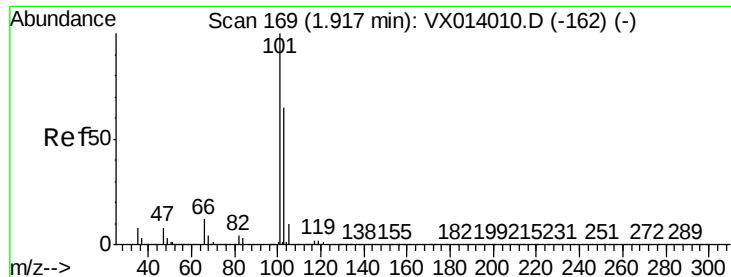
Tgt Ion: 64 Resp: 173079

Ion Ratio Lower Upper

64 100

66 31.3 23.4 35.2



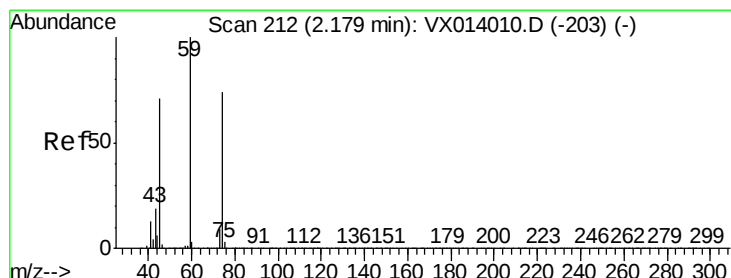
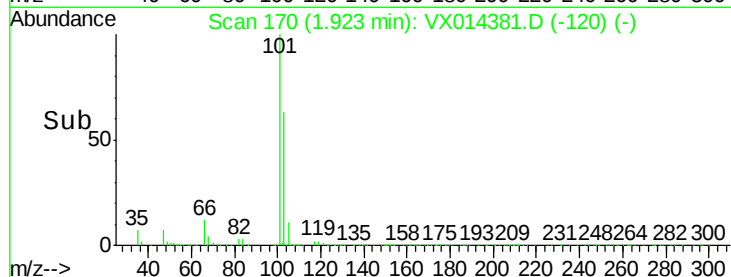
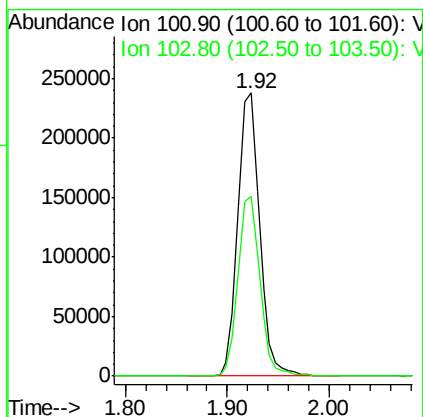
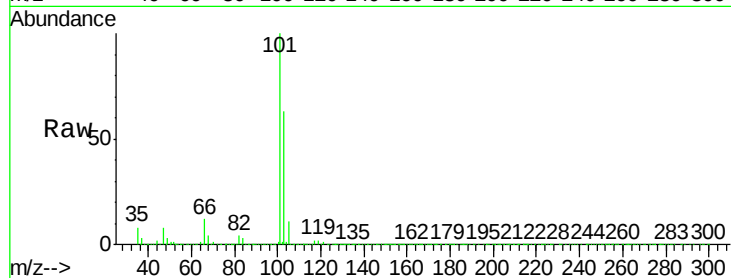


#7

Trichlorofluoromethane
Concen: 48.080 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014381.D
Acq: 31 Dec 2019 15:40

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GW-1MS

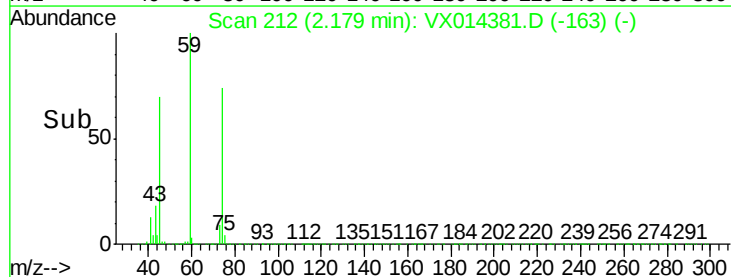
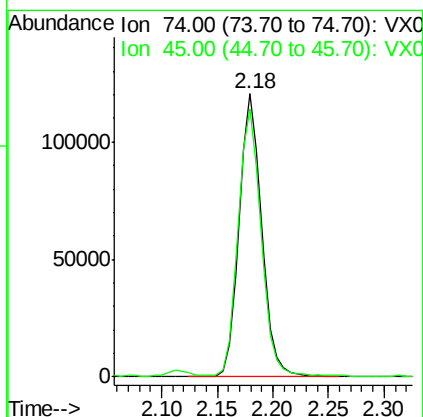
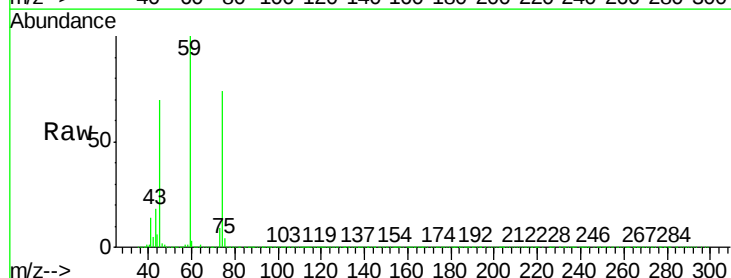
Tgt Ion:101 Resp: 352226
Ion Ratio Lower Upper
101 100
103 63.4 52.2 78.4



#8

Diethyl Ether
Concen: 48.993 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014381.D
Acq: 31 Dec 2019 15:40

Tgt Ion: 74 Resp: 168447
Ion Ratio Lower Upper
74 100
45 96.1 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.774 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

GW-1MS

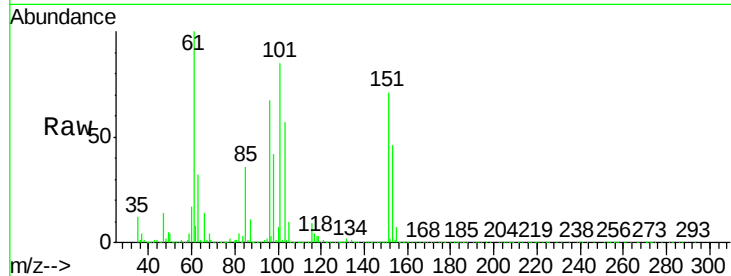
Tgt Ion:101 Resp: 210972

Ion Ratio Lower Upper

101 100

85 41.9 33.7 50.5

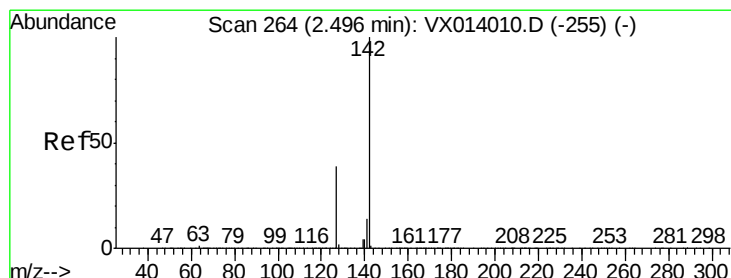
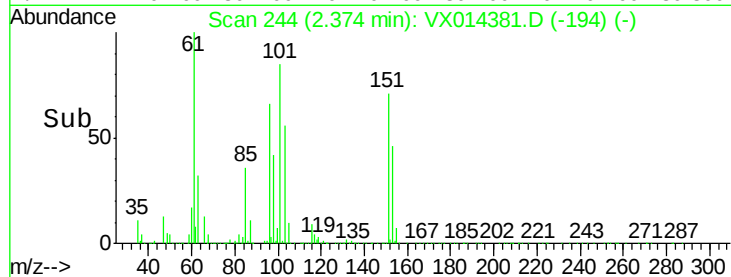
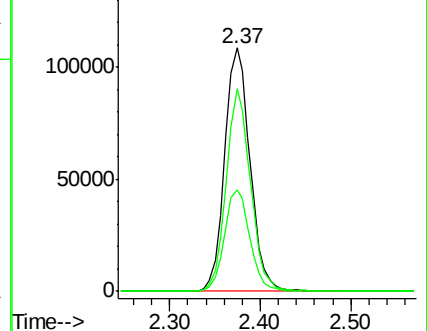
151 80.3 64.5 96.7



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: 45.104 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

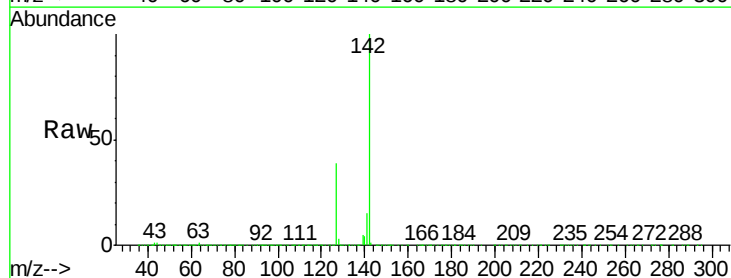
Tgt Ion:142 Resp: 261095

Ion Ratio Lower Upper

142 100

127 39.3 31.6 47.4

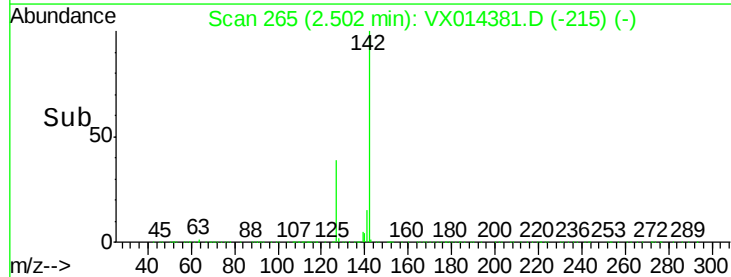
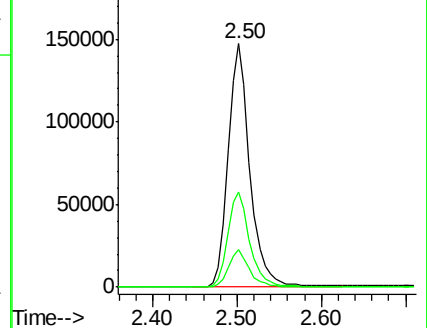
141 14.3 11.6 17.4

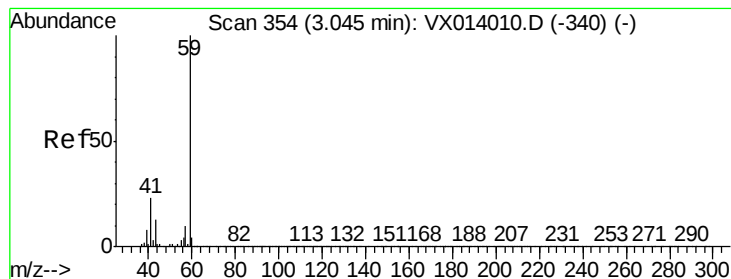


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



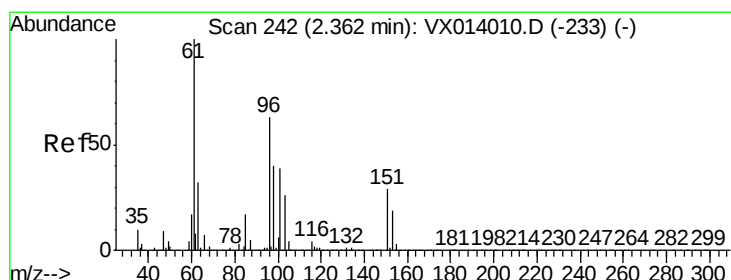
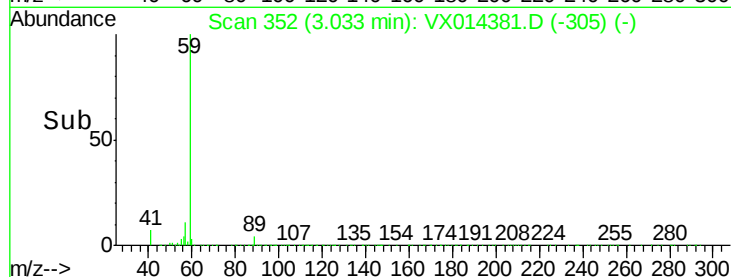
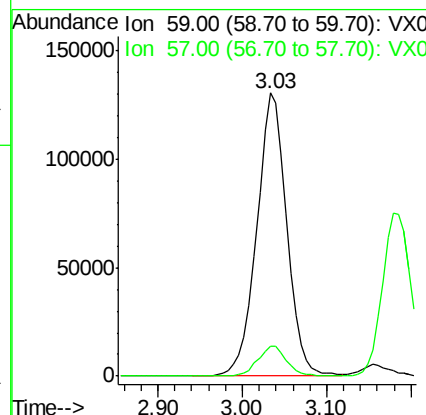
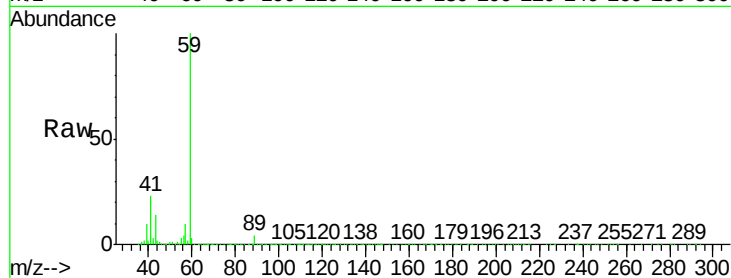


#11

Tert butyl alcohol
 Concen: 277.135 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX014381.D
 Acq: 31 Dec 2019 15:40

Instrument :
 MSVOA_X
 ClientSampled :
 GW-1MS

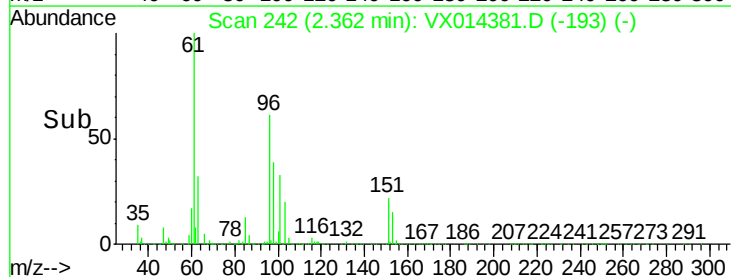
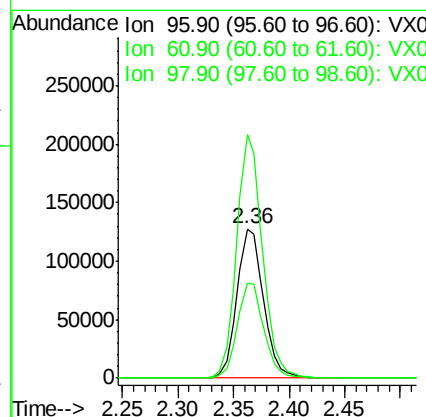
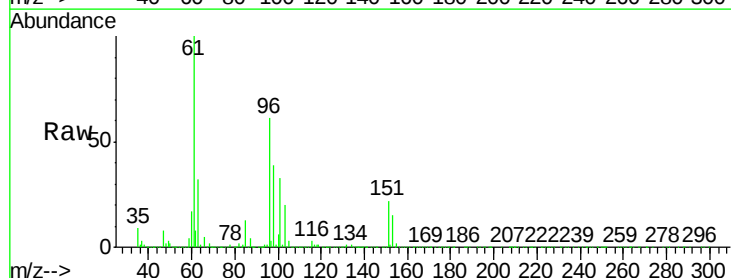
Tgt Ion: 59 Resp: 317041
 Ion Ratio Lower Upper
 59 100
 57 9.5 8.4 12.6

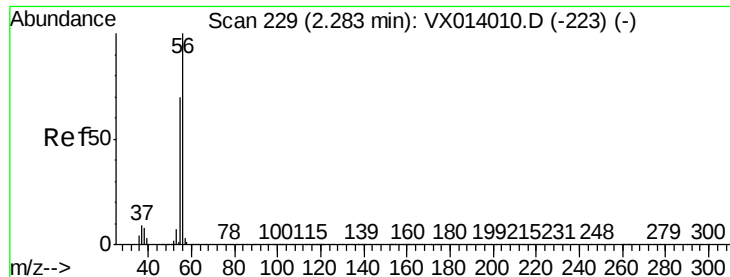


#12

1,1-Dichloroethene
 Concen: 46.481 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX014381.D
 Acq: 31 Dec 2019 15:40

Tgt Ion: 96 Resp: 208866
 Ion Ratio Lower Upper
 96 100
 61 163.3 127.9 191.9
 98 64.1 50.5 75.7

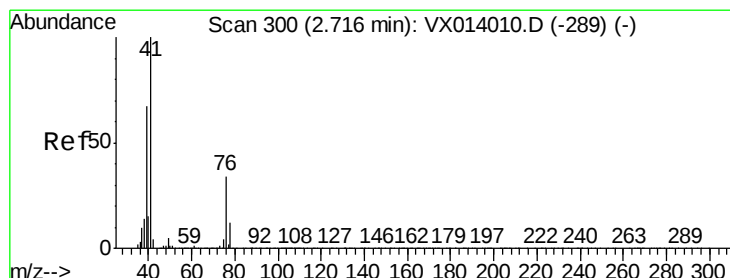
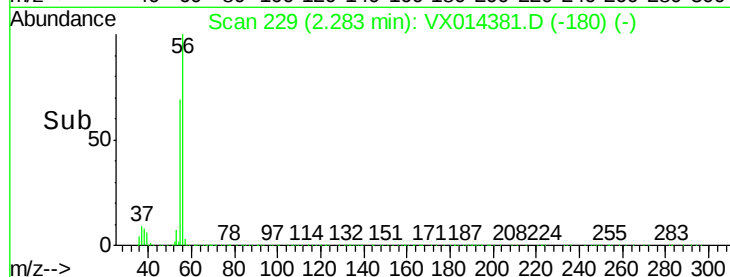
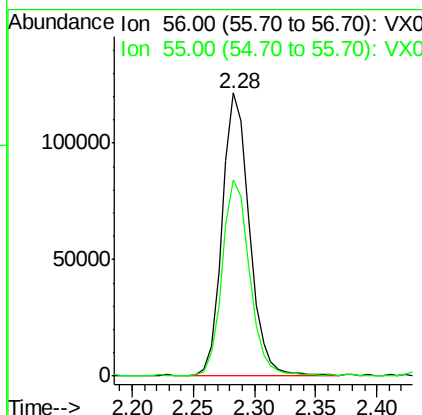
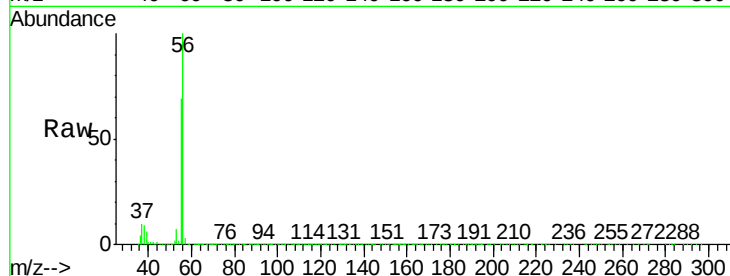




#13
Acrolein
Concen: 285.057 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX014381.D
Acq: 31 Dec 2019 15:40

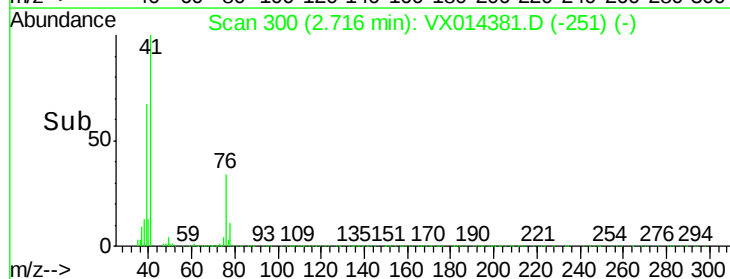
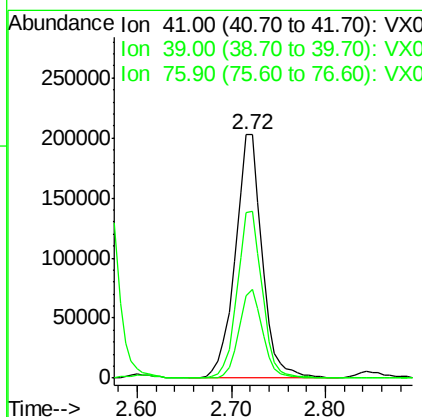
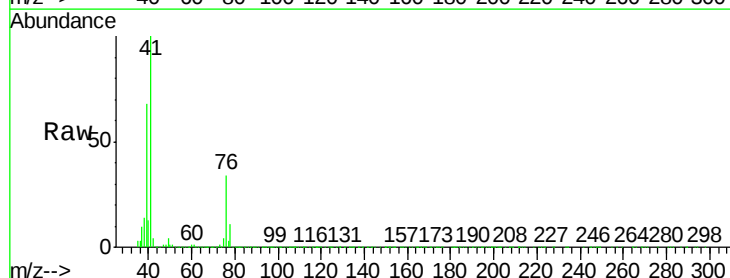
Instrument :
MSVOA_X
ClientSampleId :
GW-1MS

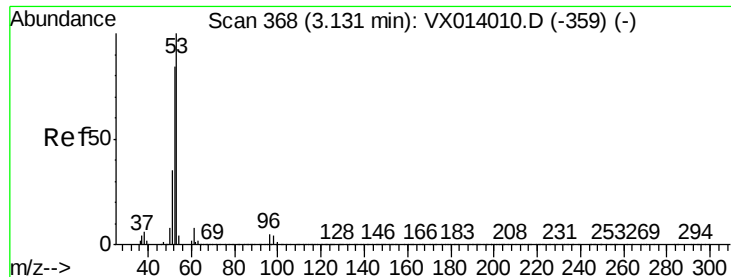
Tgt Ion: 56 Resp: 186672
Ion Ratio Lower Upper
56 100
55 69.6 56.9 85.3



#14
Allyl chloride
Concen: 50.029 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX014381.D
Acq: 31 Dec 2019 15:40

Tgt Ion: 41 Resp: 401393
Ion Ratio Lower Upper
41 100
39 63.3 51.8 77.8
76 32.0 25.9 38.9





#15

Acrylonitrile

Concen: 272.348 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

GW-1MS

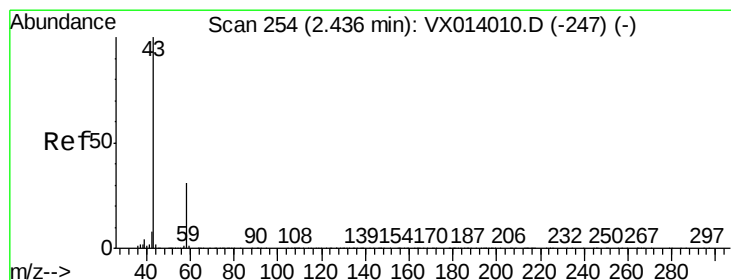
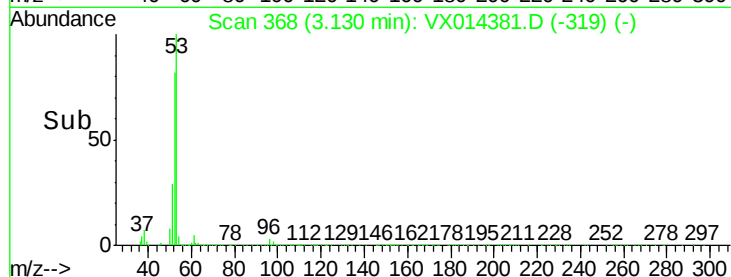
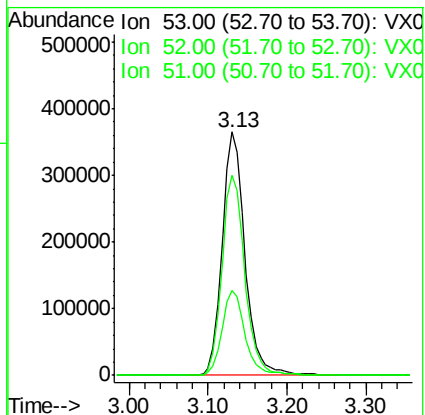
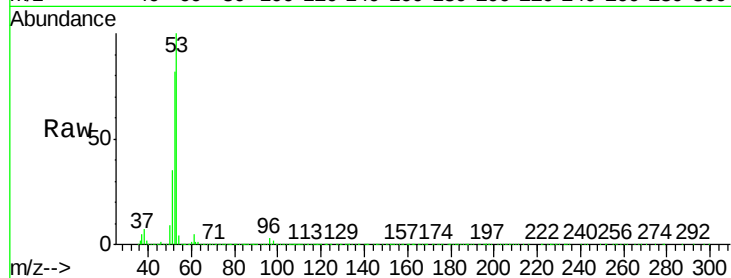
Tgt Ion: 53 Resp: 727212

Ion Ratio Lower Upper

53 100

52 82.9 66.5 99.7

51 35.4 28.1 42.1



#16

Acetone

Concen: 176.941 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX014381.D

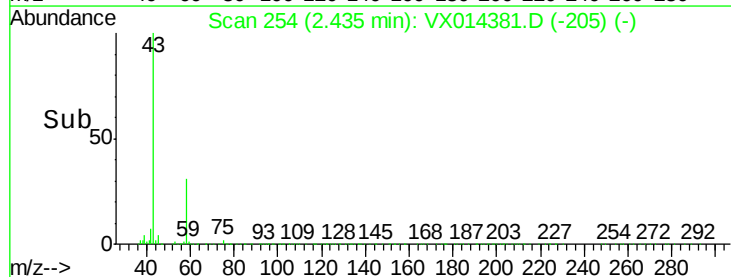
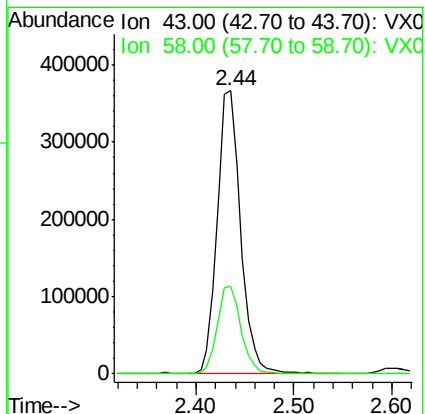
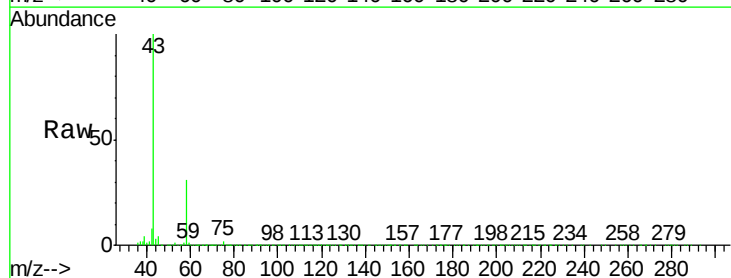
Acq: 31 Dec 2019 15:40

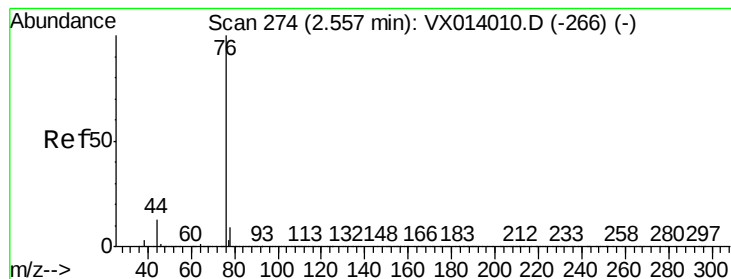
Tgt Ion: 43 Resp: 608178

Ion Ratio Lower Upper

43 100

58 30.9 24.9 37.3





#17

Carbon Disulfide

Concen: 39.047 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

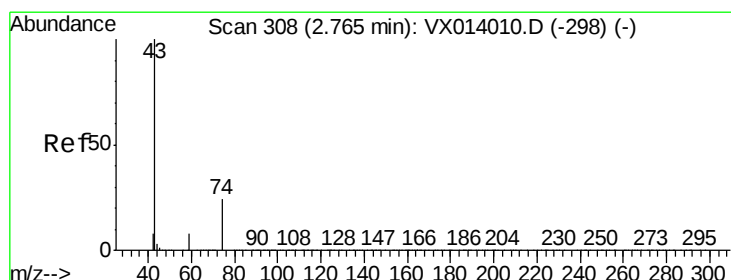
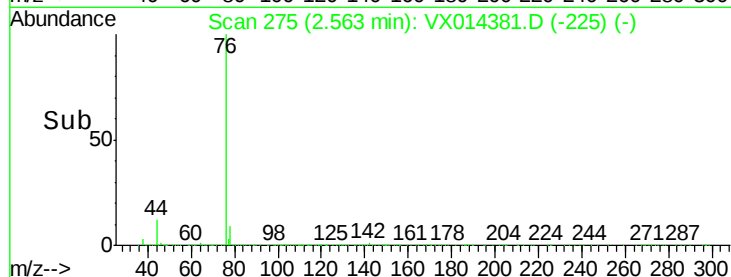
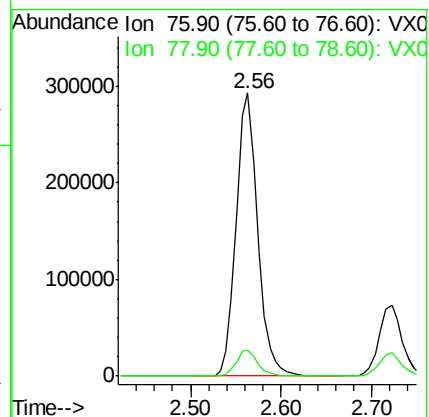
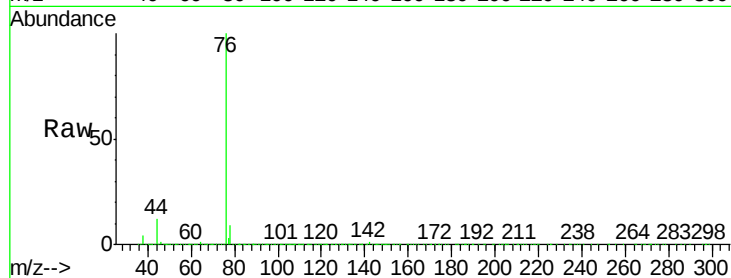
GW-1MS

Tgt Ion: 76 Resp: 485024

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



#18

Methyl Acetate

Concen: 54.890 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX014381.D

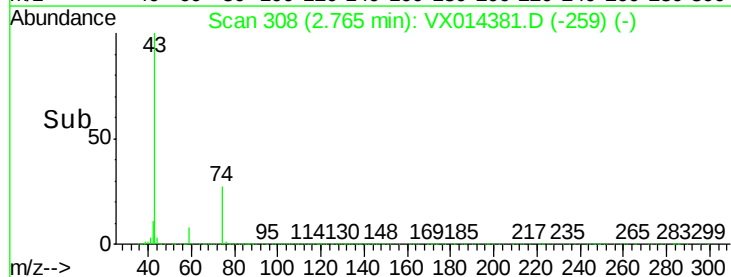
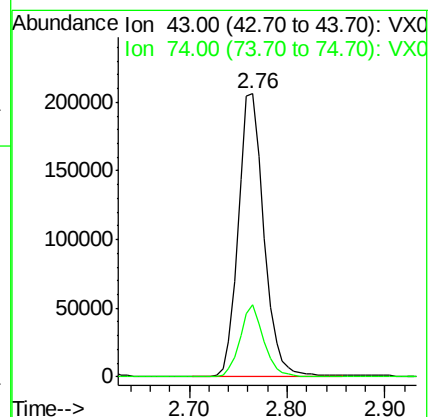
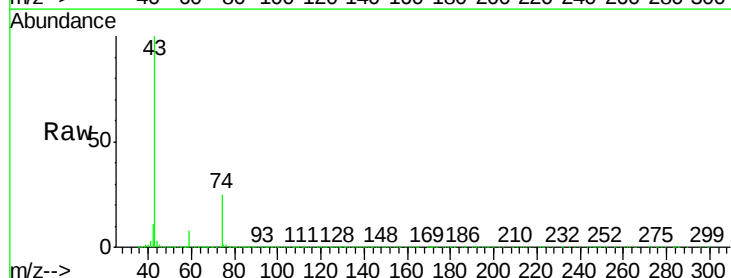
Acq: 31 Dec 2019 15:40

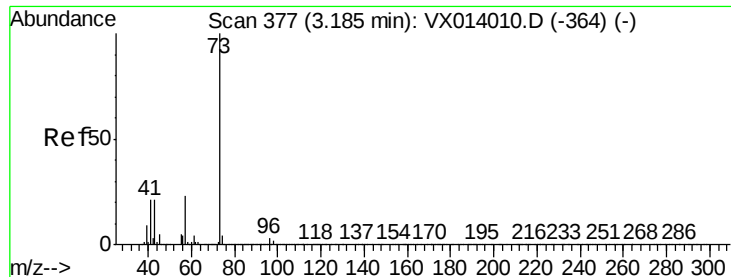
Tgt Ion: 43 Resp: 373849

Ion Ratio Lower Upper

43 100

74 23.6 19.5 29.3



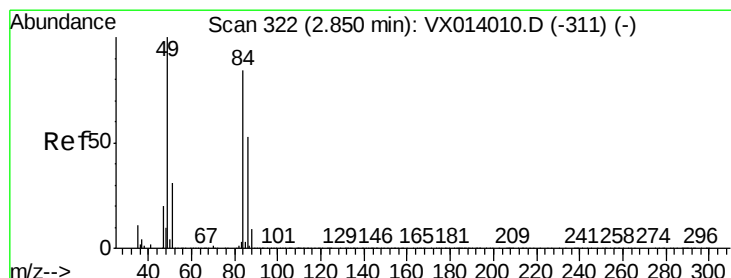
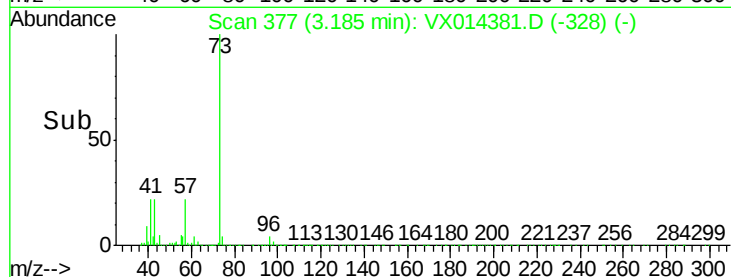
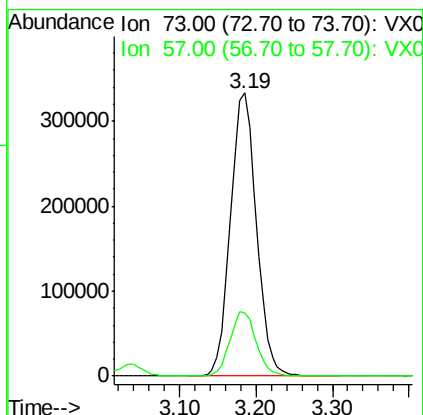
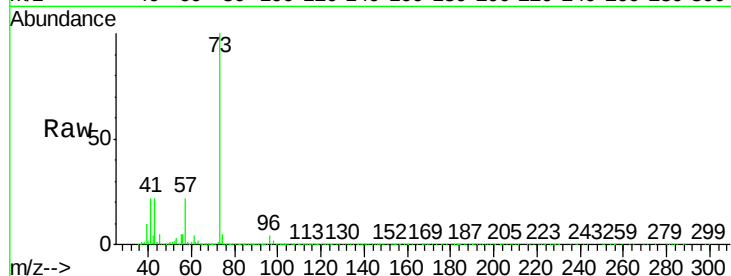


#19

Methyl tert-butyl Ether
 Concen: 53.037 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX014381.D
 Acq: 31 Dec 2019 15:40

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-1MS

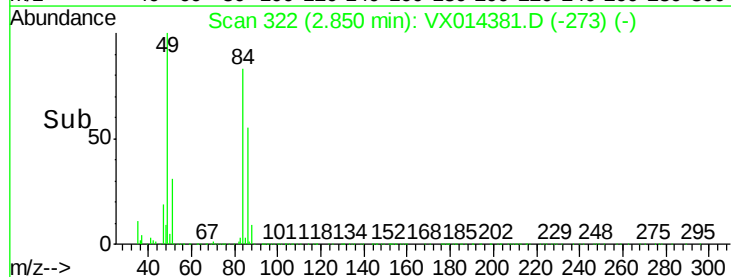
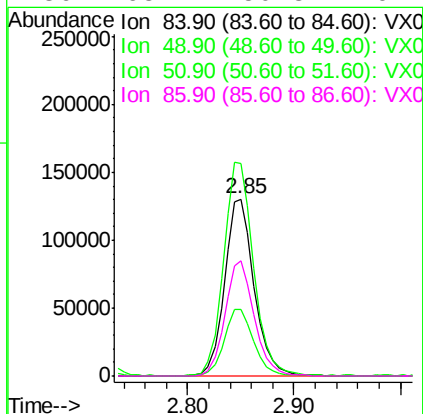
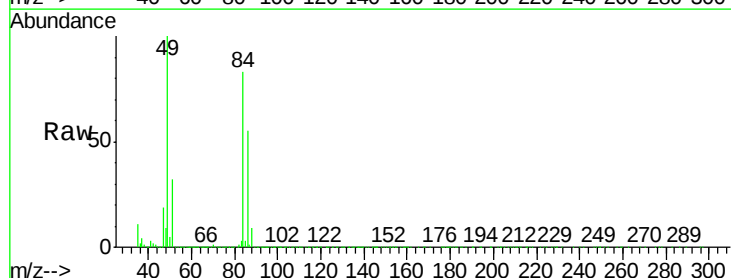
Tgt Ion: 73 Resp: 783151
 Ion Ratio Lower Upper
 73 100
 57 22.3 18.8 28.2



#20

Methylene Chloride
 Concen: 46.391 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX014381.D
 Acq: 31 Dec 2019 15:40

Tgt Ion: 84 Resp: 251098
 Ion Ratio Lower Upper
 84 100
 49 119.8 95.8 143.6
 51 37.8 29.8 44.8
 86 65.4 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 45.028 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

GW-1MS

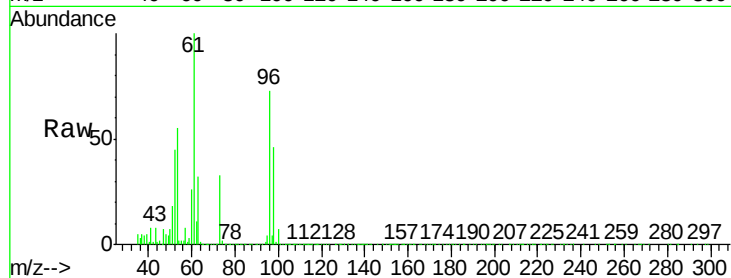
Tgt Ion: 96 Resp: 222913

Ion Ratio Lower Upper

96 100

61 137.7 108.3 162.5

98 62.6 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

200000

150000

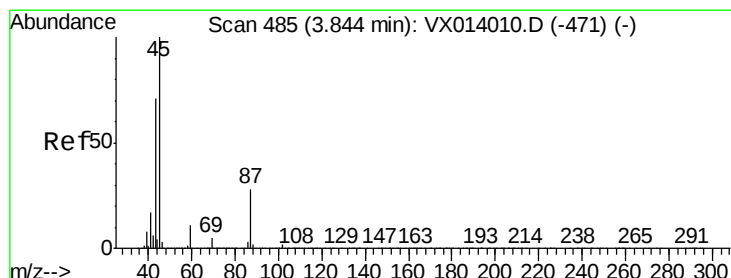
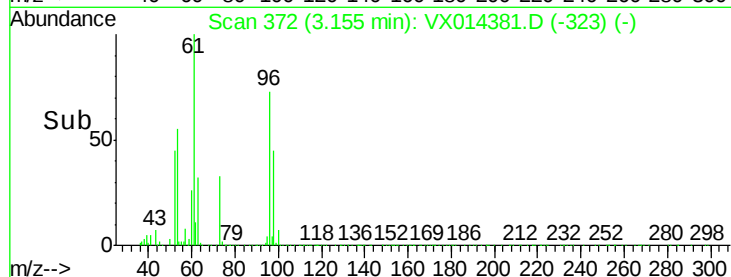
100000

50000

0

3.15

Time-->



#22

Diisopropyl ether

Concen: 52.872 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

Tgt Ion: 45 Resp: 845325

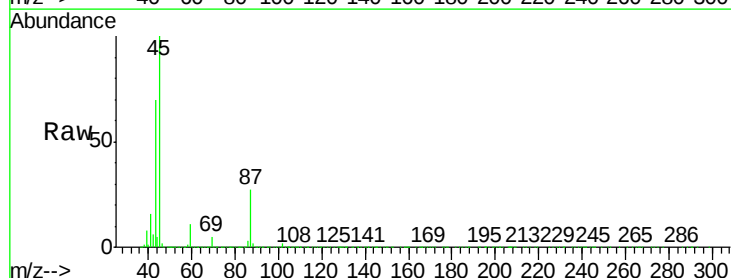
Ion Ratio Lower Upper

45 100

43 70.1 57.4 86.0

87 26.6 21.9 32.9

59 11.4 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

2000000

1500000

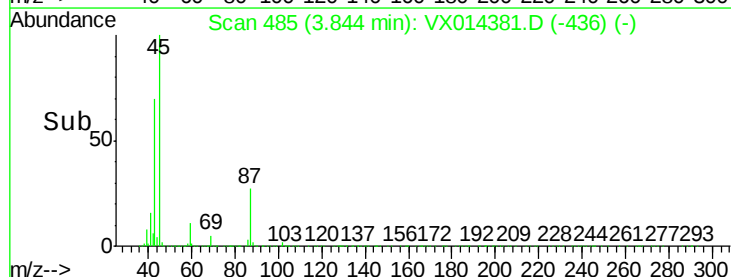
1000000

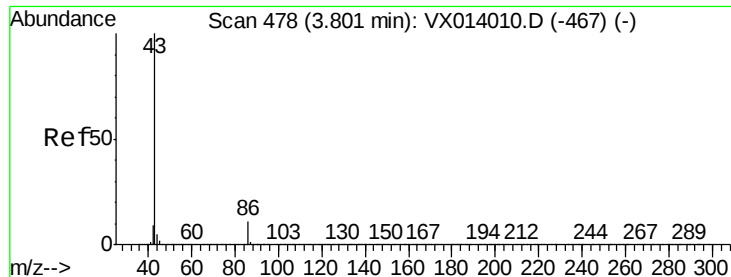
500000

0

3.84

Time-->





#23

Vinyl Acetate

Concen: 277.514 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

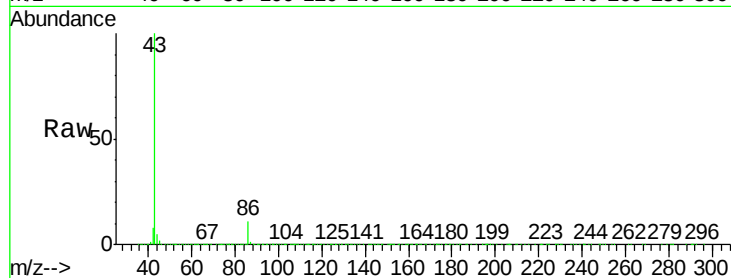
GW-1MS

Tgt Ion: 43 Resp: 3620786

Ion Ratio Lower Upper

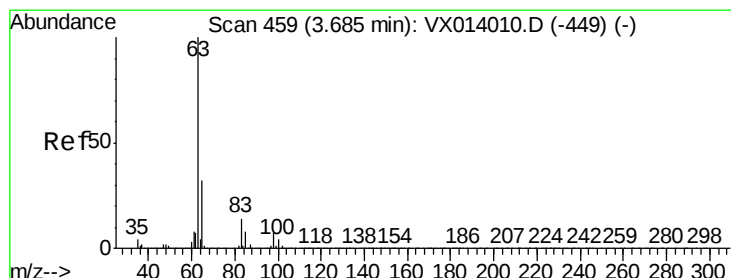
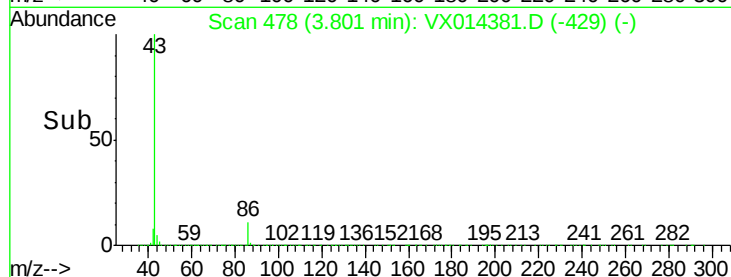
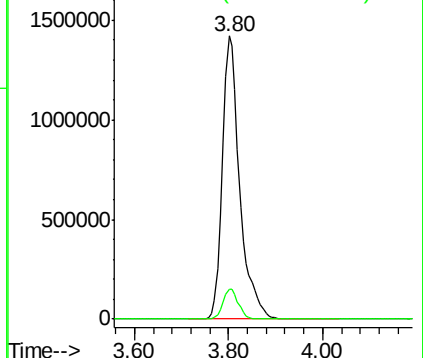
43 100

86 10.7 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.677 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

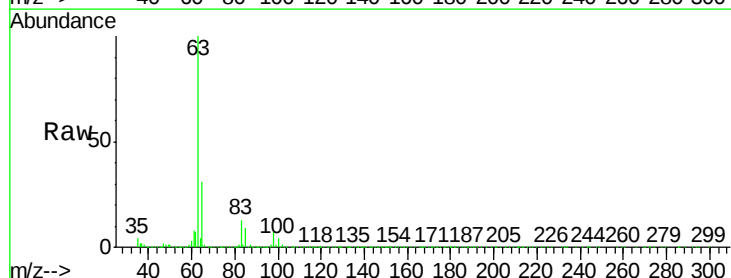
Tgt Ion: 63 Resp: 441885

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

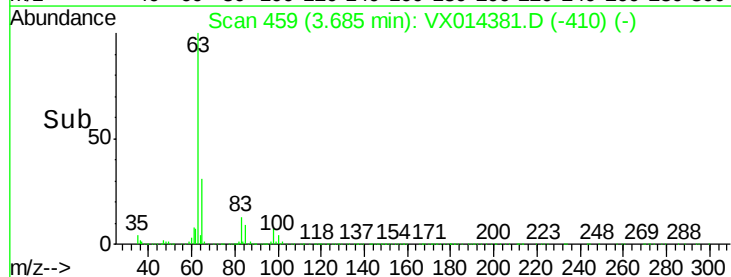
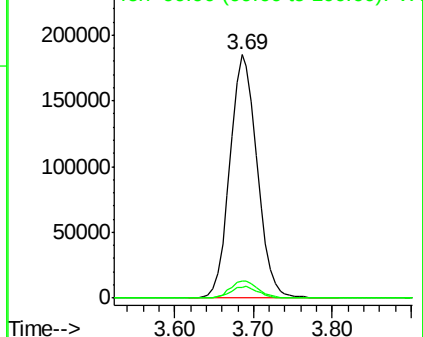
100 4.2 2.3 6.8

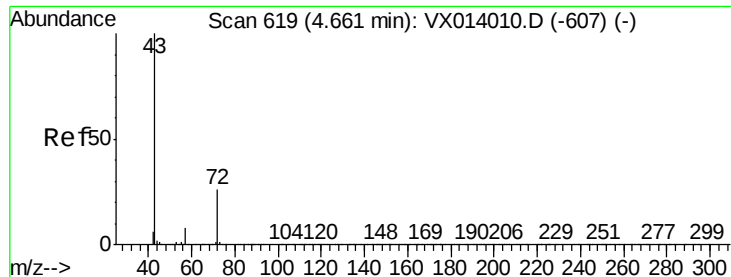


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 242.896 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

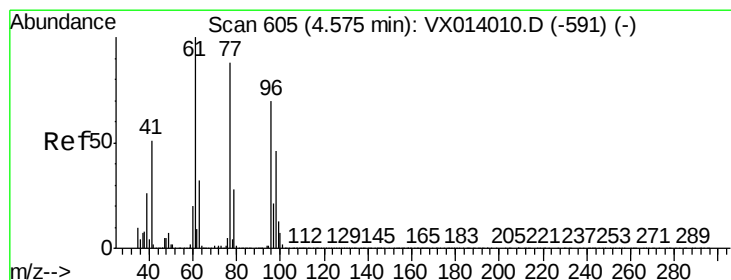
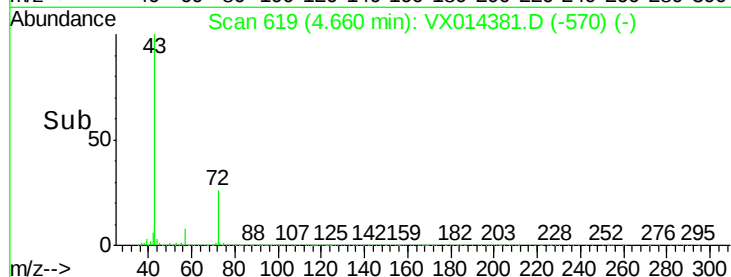
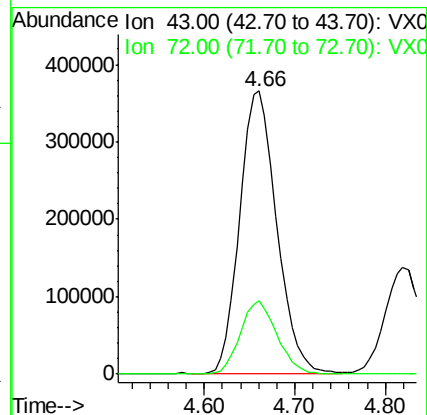
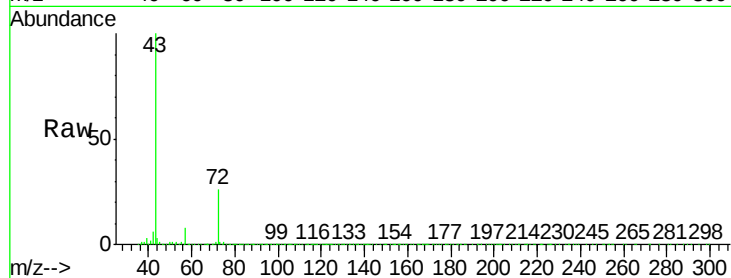
GW-1MS

Tgt Ion: 43 Resp: 1029307

Ion Ratio Lower Upper

43 100

72 26.0 21.0 31.4



#26

2,2-Dichloropropane

Concen: 47.437 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX014381.D

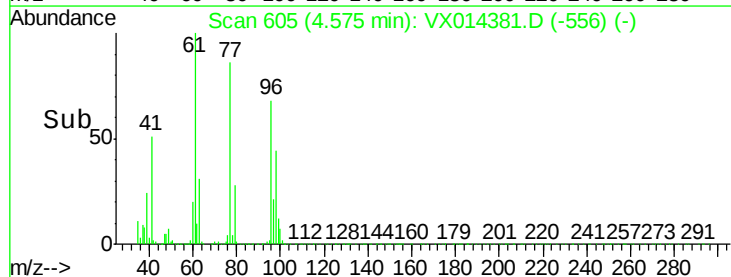
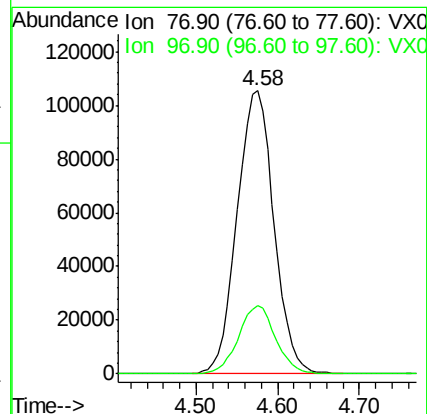
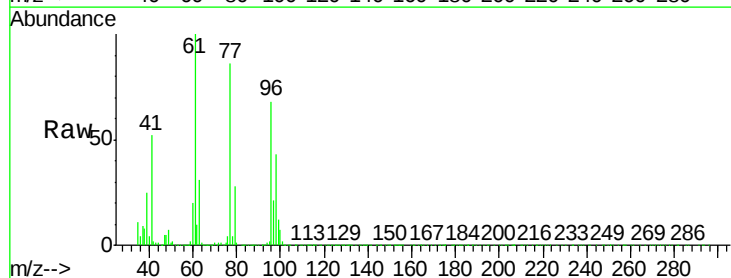
Acq: 31 Dec 2019 15:40

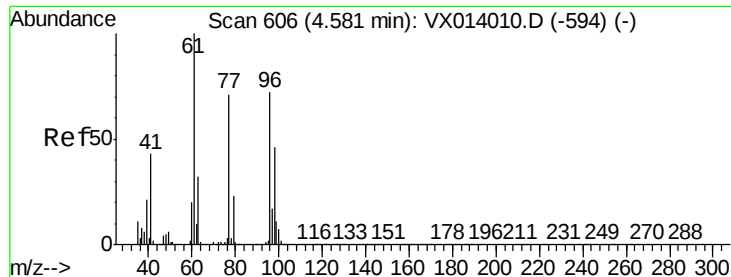
Tgt Ion: 77 Resp: 327615

Ion Ratio Lower Upper

77 100

97 24.3 11.9 35.9



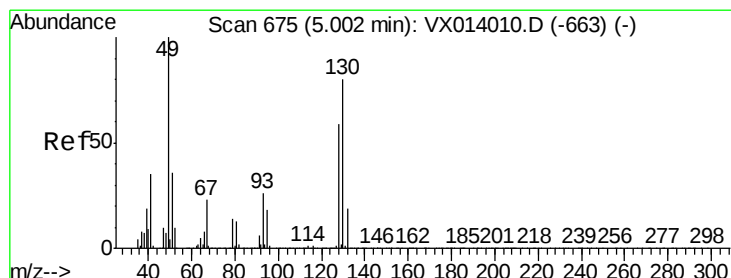
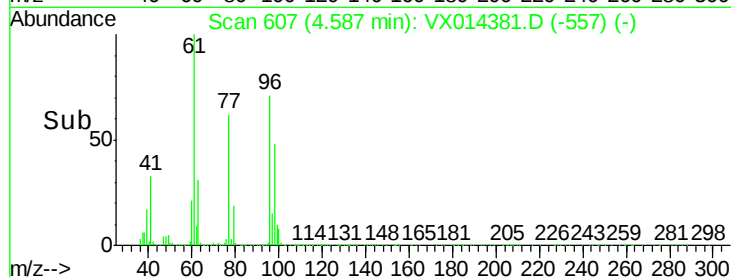
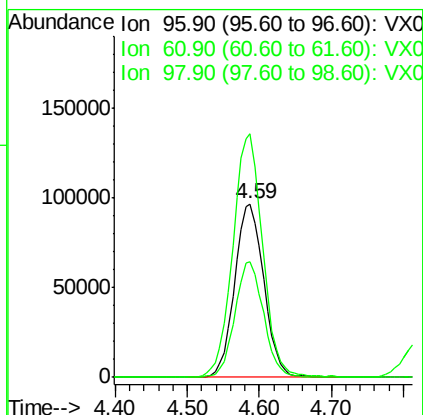
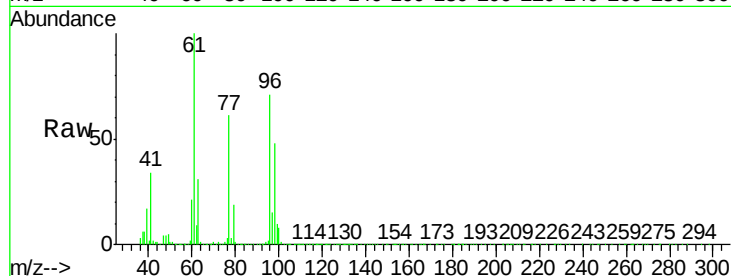


#27

cis-1,2-Dichloroethene
Concen: 48.607 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014381.D
Acq: 31 Dec 2019 15:40

Instrument :
MSVOA_X
ClientSampleId :
GW-1MS

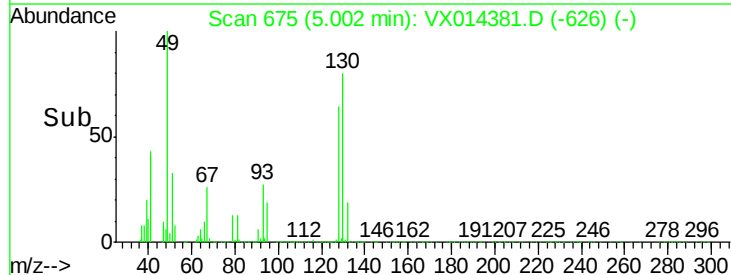
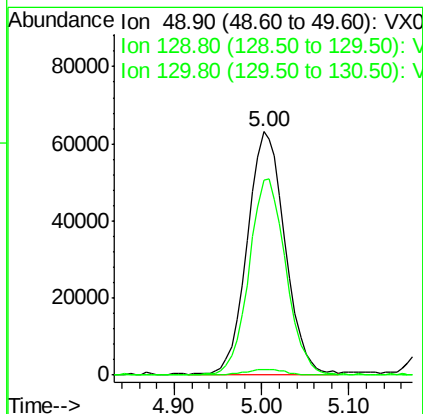
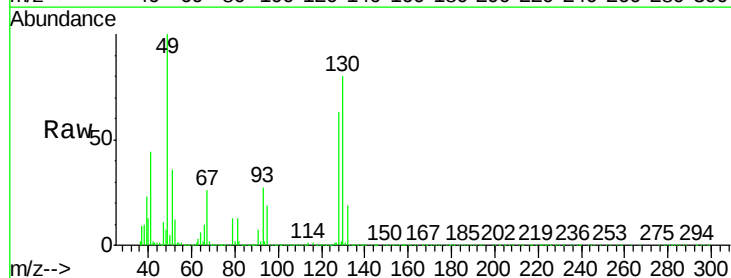
Tgt Ion: 96 Resp: 272140
Ion Ratio Lower Upper
96 100
61 142.7 0.0 288.4
98 64.8 0.0 129.6

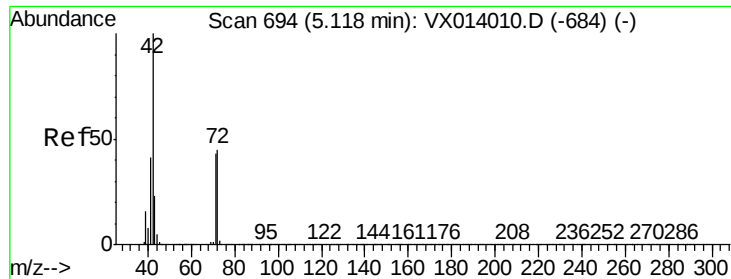


#28

Bromochloromethane
Concen: 55.235 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX014381.D
Acq: 31 Dec 2019 15:40

Tgt Ion: 49 Resp: 189121
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.0
130 78.8 64.6 97.0

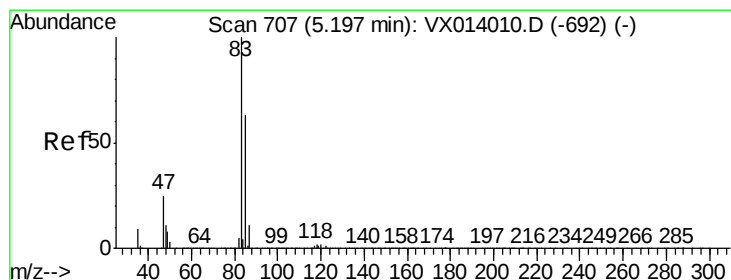
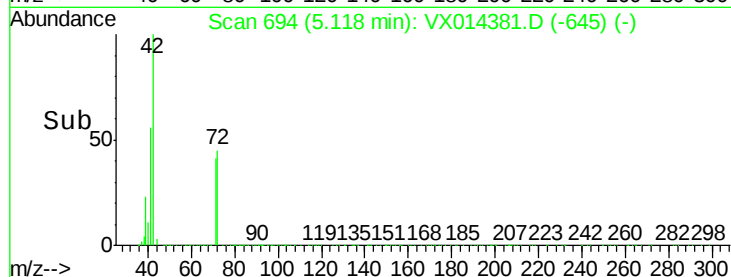
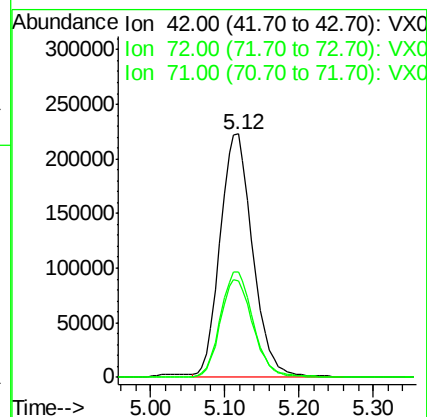
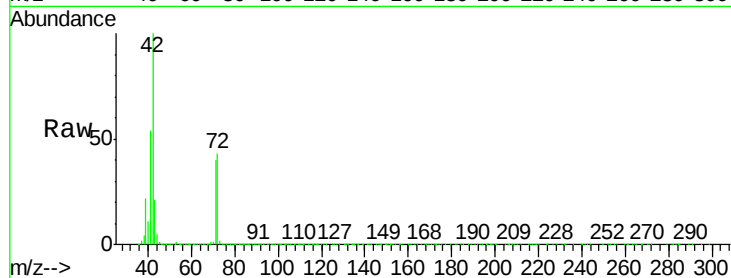




#29
Tetrahydrofuran
Concen: 282.932 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX014381.D
Acq: 31 Dec 2019 15:40

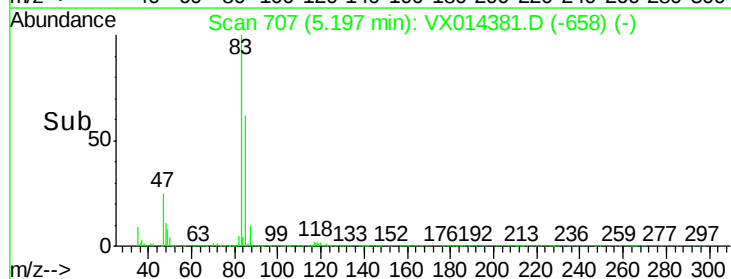
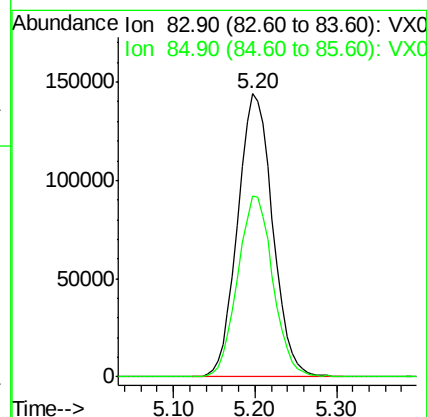
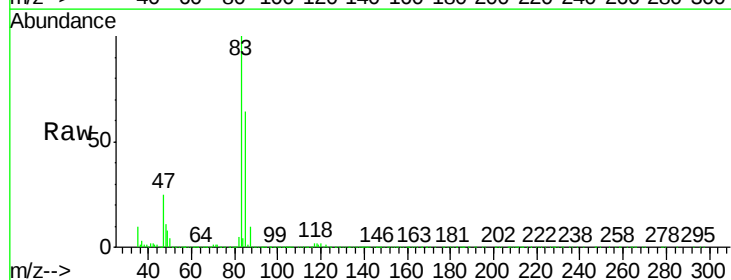
Instrument :
MSVOA_X
ClientSampleId :
GW-1MS

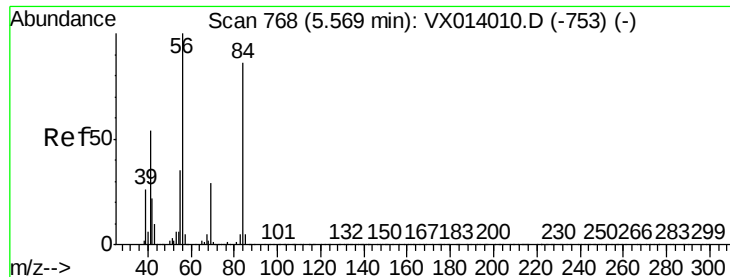
Tgt Ion: 42 Resp: 670613
Ion Ratio Lower Upper
42 100
72 44.5 35.8 53.8
71 40.7 33.6 50.4



#30
Chloroform
Concen: 50.846 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX014381.D
Acq: 31 Dec 2019 15:40

Tgt Ion: 83 Resp: 428751
Ion Ratio Lower Upper
83 100
85 63.9 50.8 76.2

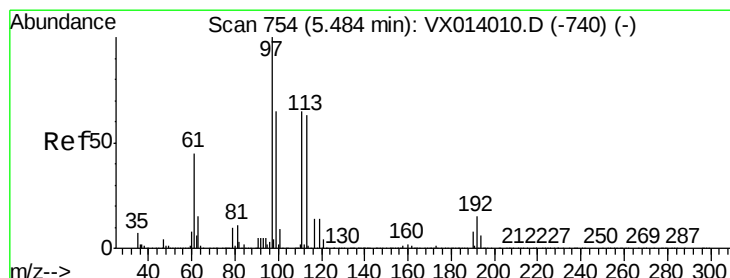
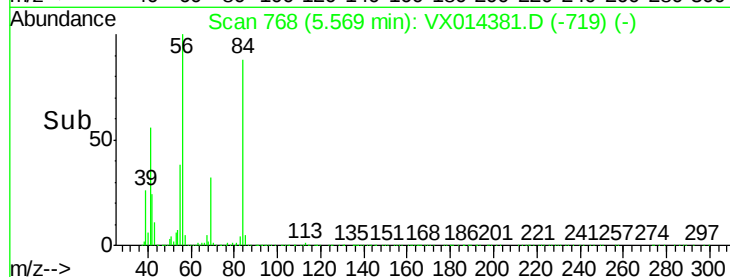
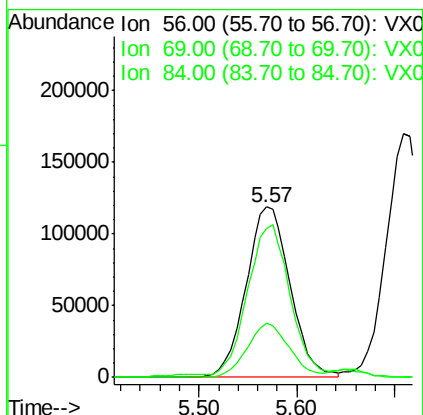
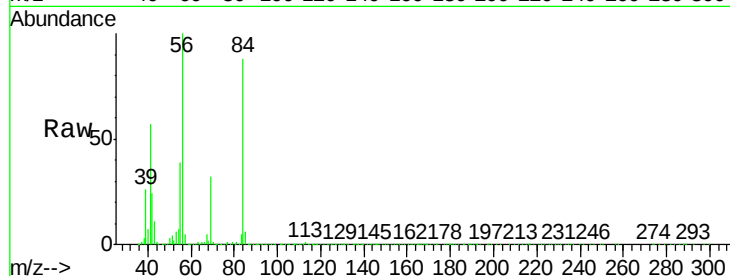




#31
Cyclohexane
Concen: 46.908 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX014381.D
Acq: 31 Dec 2019 15:40

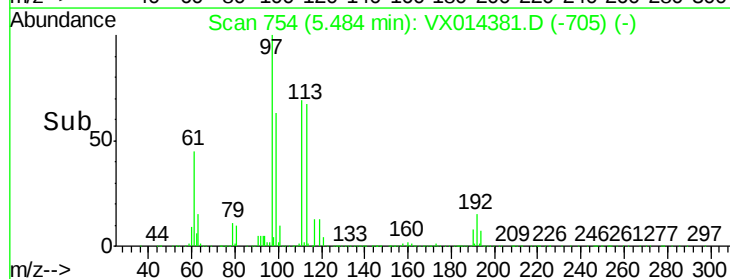
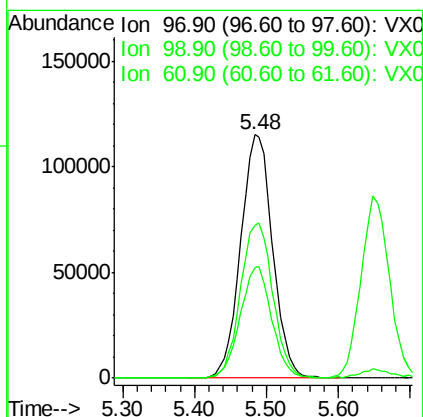
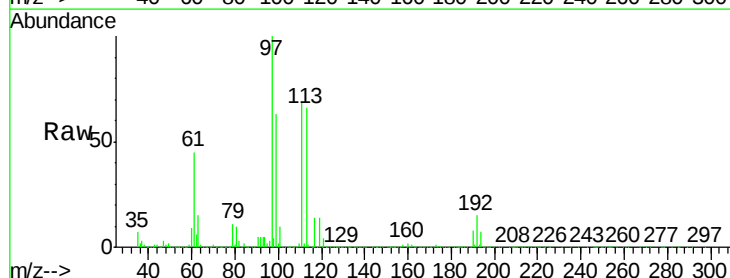
Instrument :
MSVOA_X
ClientSampleId :
GW-1MS

Tgt Ion: 56 Resp: 371104
Ion Ratio Lower Upper
56 100
69 31.5 23.2 34.8
84 86.0 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 49.061 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX014381.D
Acq: 31 Dec 2019 15:40

Tgt Ion: 97 Resp: 352587
Ion Ratio Lower Upper
97 100
99 64.9 52.0 78.0
61 45.8 36.7 55.1

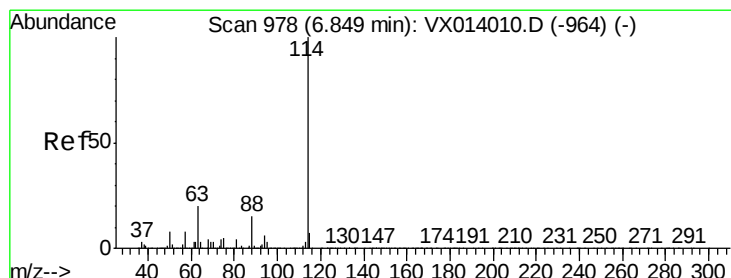
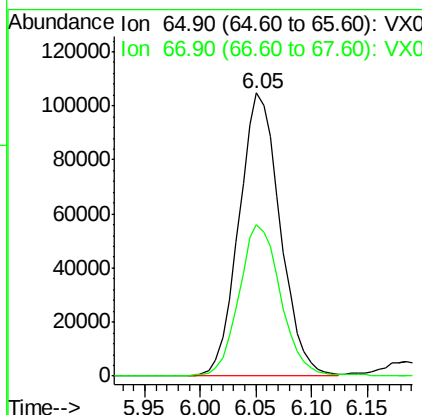
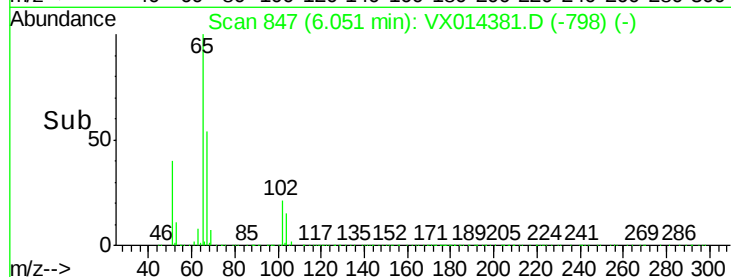
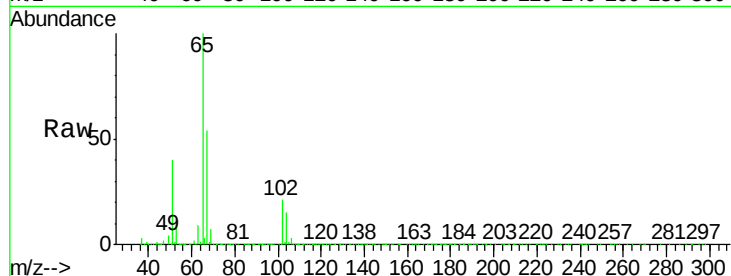




#33
 1,2-Dichloroethane-d4
 Concen: 50.798 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014381.D
 Acq: 31 Dec 2019 15:40

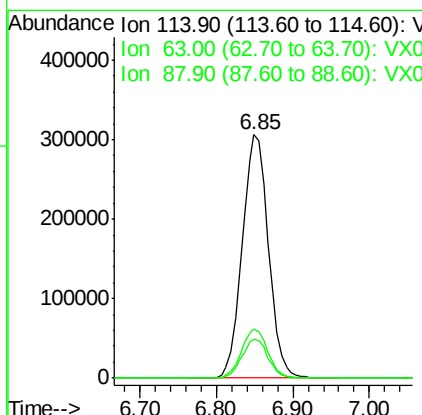
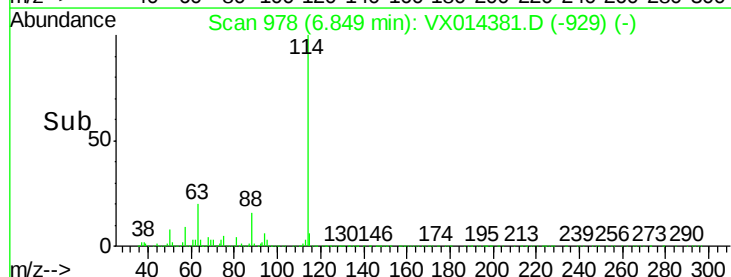
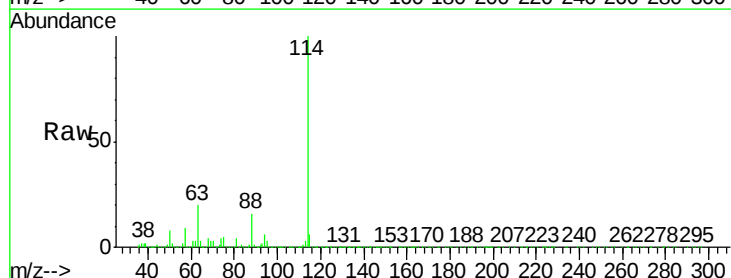
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-1MS

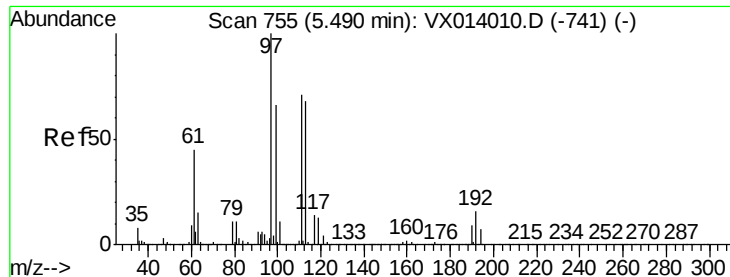
Tgt Ion: 65 Resp: 268942
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014381.D
 Acq: 31 Dec 2019 15:40

Tgt Ion: 114 Resp: 727038
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.8
 88 15.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.989 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

GW-1MS

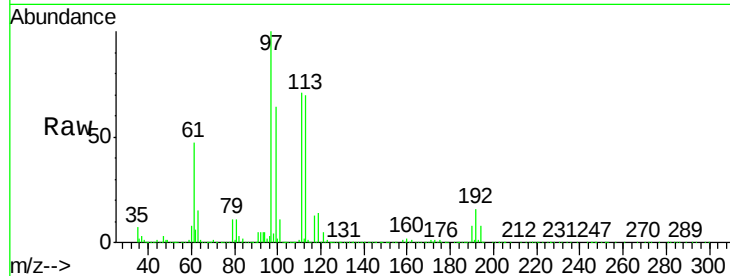
Tgt Ion: 113 Resp: 225349

Ion Ratio Lower Upper

113 100

111 104.0 82.0 123.0

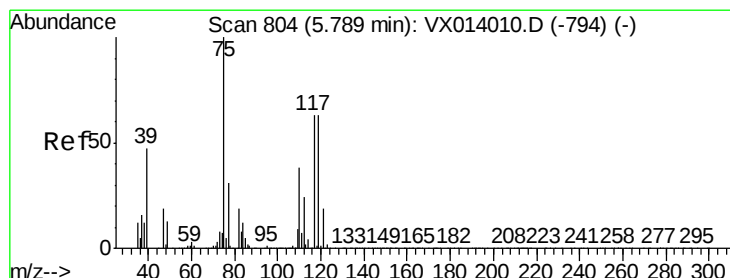
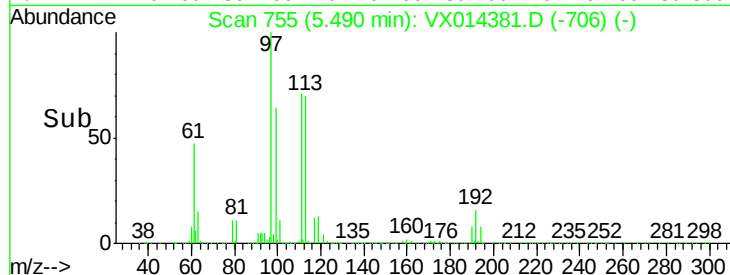
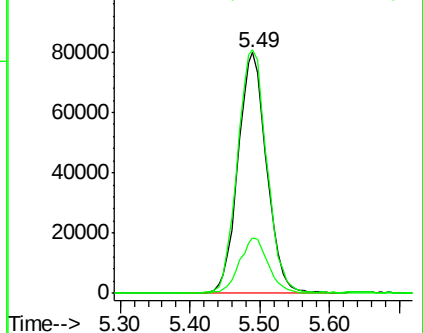
192 23.1 19.3 28.9



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: 46.413 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

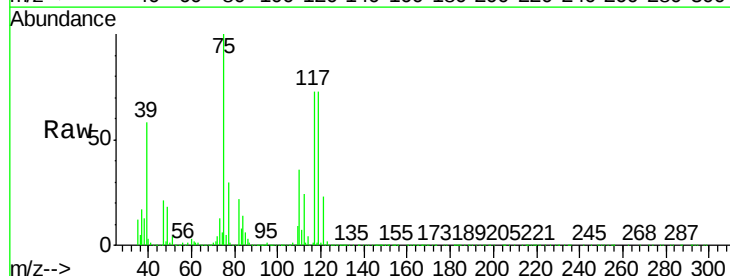
Tgt Ion: 75 Resp: 309620

Ion Ratio Lower Upper

75 100

110 36.4 18.3 54.9

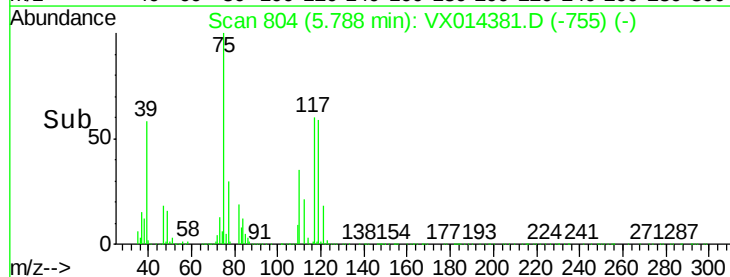
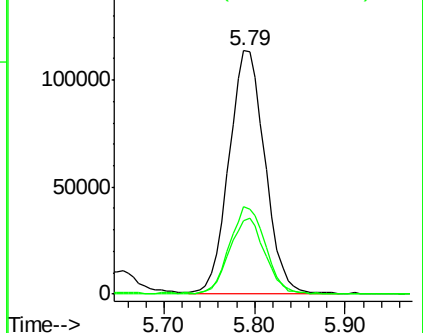
77 30.9 24.8 37.2



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

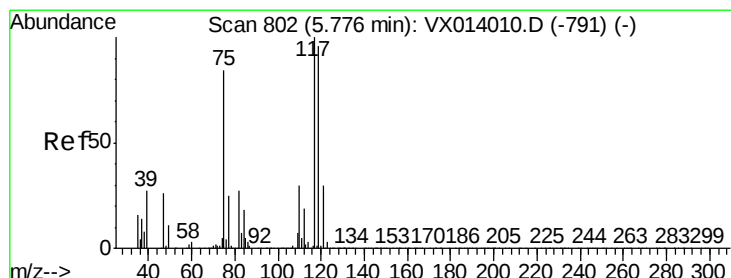
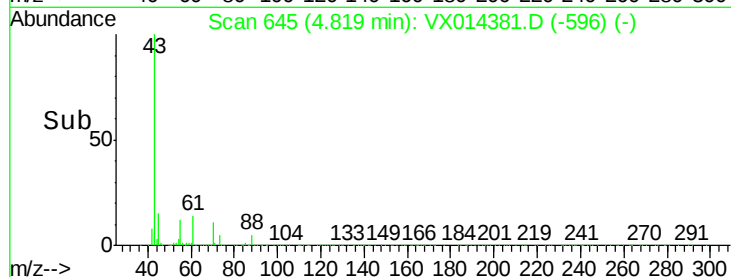
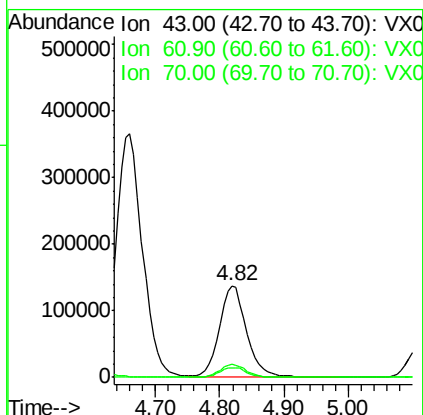
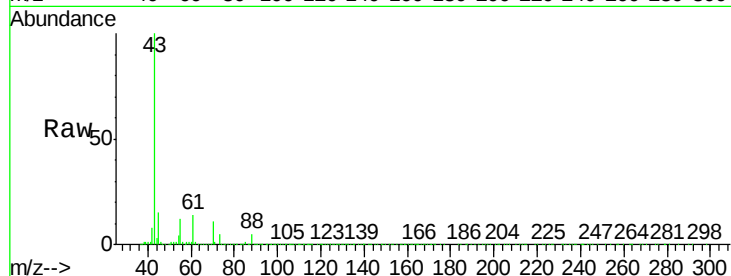




#37
Ethyl Acetate
Concen: 54.826 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX014381.D
Acq: 31 Dec 2019 15:40

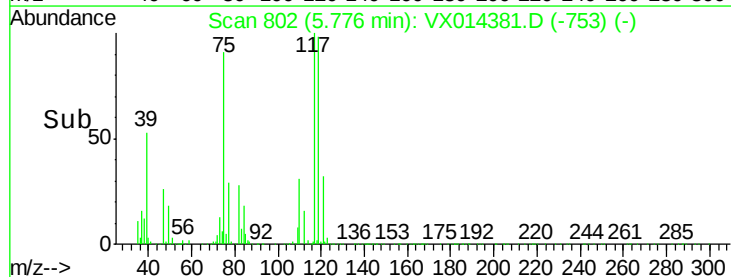
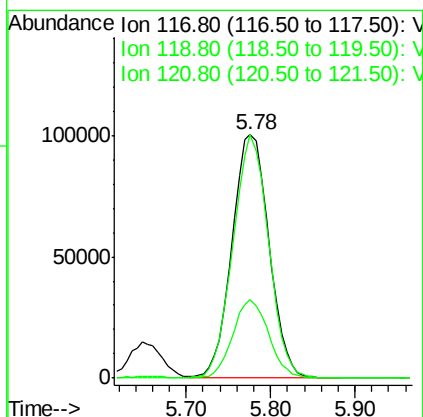
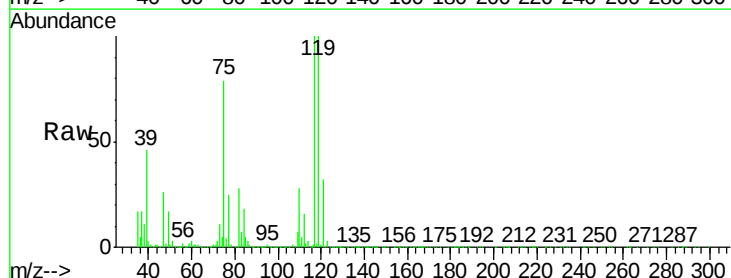
Instrument :
MSVOA_X
ClientSampleId :
GW-1MS

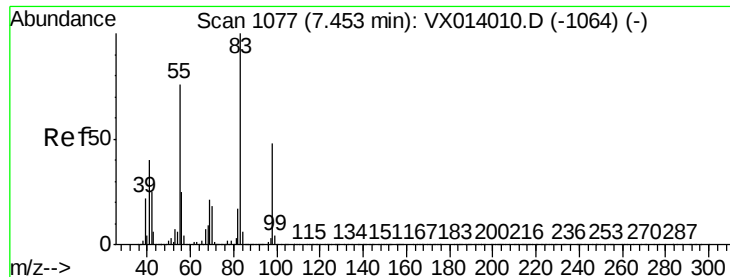
Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.8	16.2
70	10.8	8.6	12.8



#38
Carbon Tetrachloride
Concen: 49.004 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014381.D
Acq: 31 Dec 2019 15:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.9	76.2	114.4
121	32.5	23.6	35.4

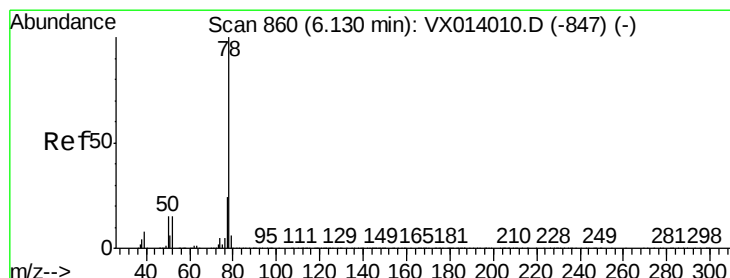
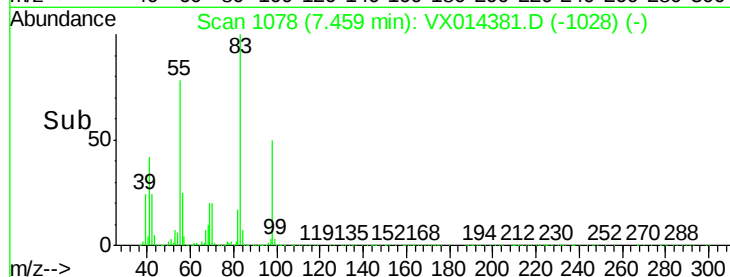
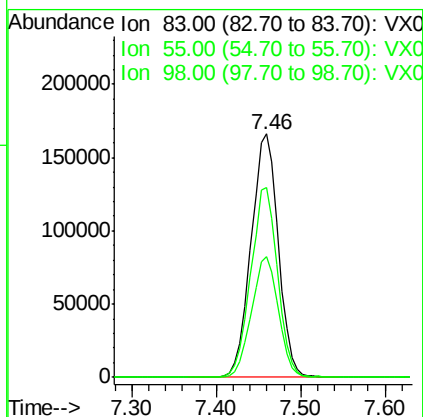
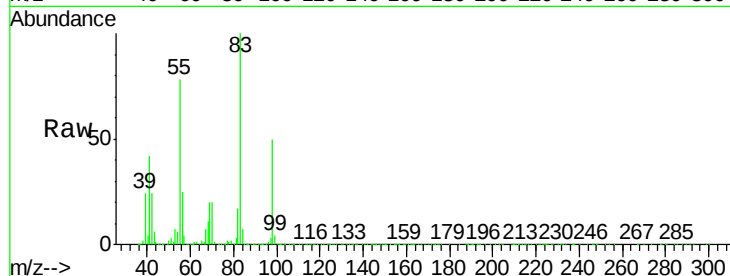




#39
Methylcyclohexane
Concen: 44.230 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014381.D
Acq: 31 Dec 2019 15:40

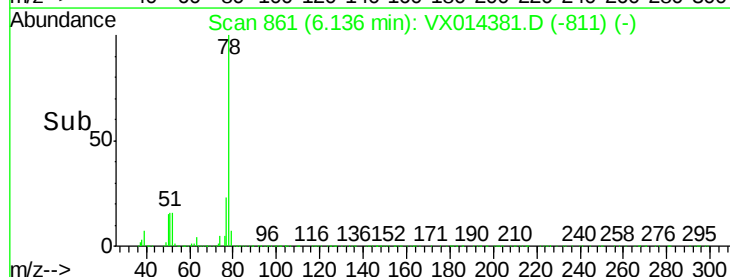
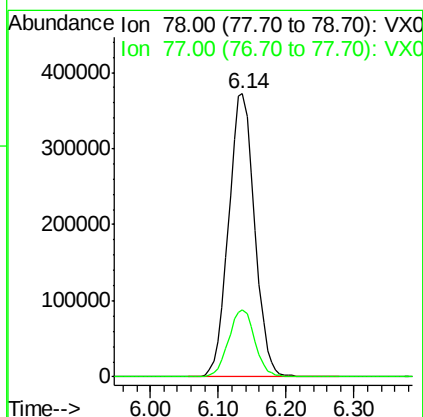
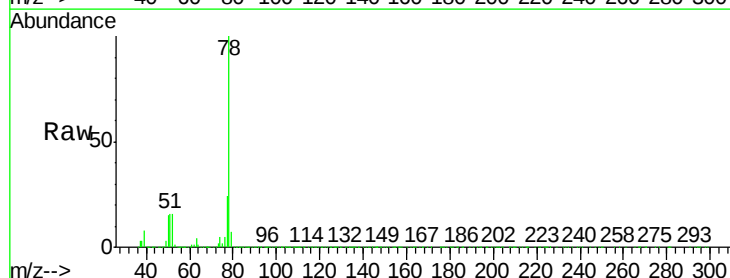
Instrument :
MSVOA_X
ClientSampleId :
GW-1MS

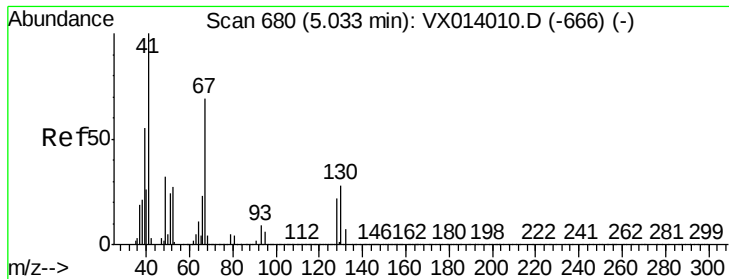
Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.8	61.0	91.6
98	49.6	38.6	57.8



#40
Benzene
Concen: 47.999 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014381.D
Acq: 31 Dec 2019 15:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2





#41

Methacrylonitrile

Concen: 54.665 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

Instrument :

MSVOA_X

ClientSampled :

GW-1MS

Tgt Ion: 41 Resp: 223437

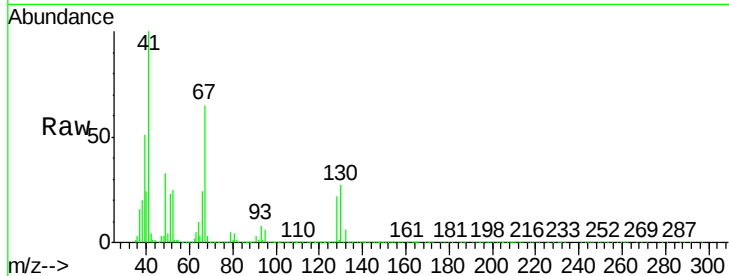
Ion Ratio Lower Upper

41 100

39 52.7 44.5 66.7

67 69.1 57.4 86.0

52 26.3 23.0 34.4

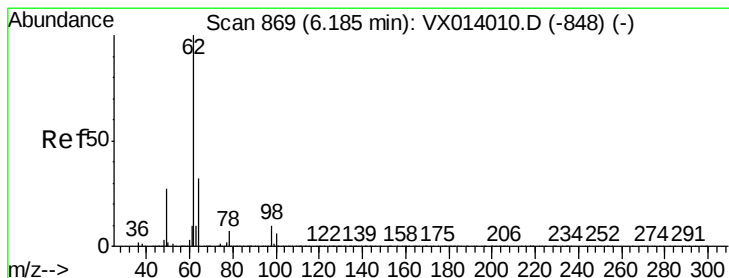
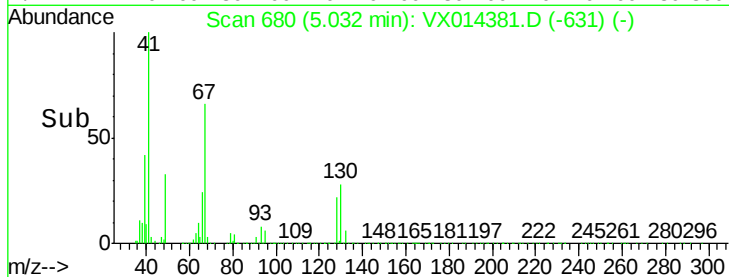
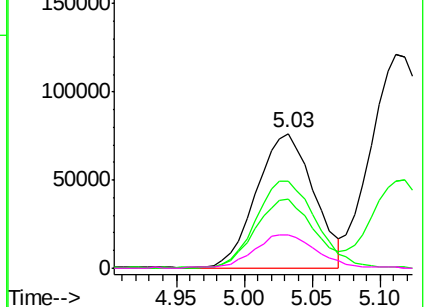


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.500 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014381.D

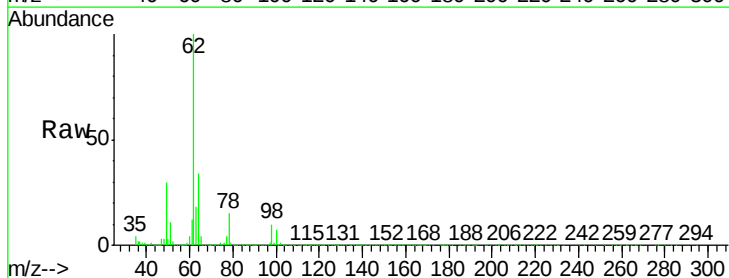
Acq: 31 Dec 2019 15:40

Tgt Ion: 62 Resp: 337454

Ion Ratio Lower Upper

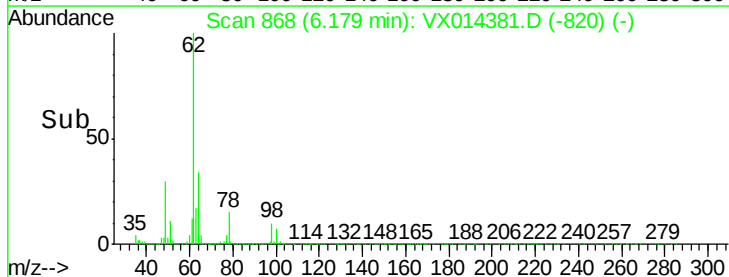
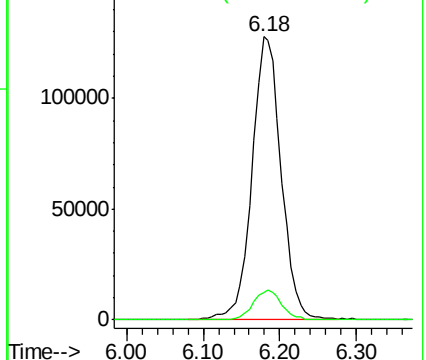
62 100

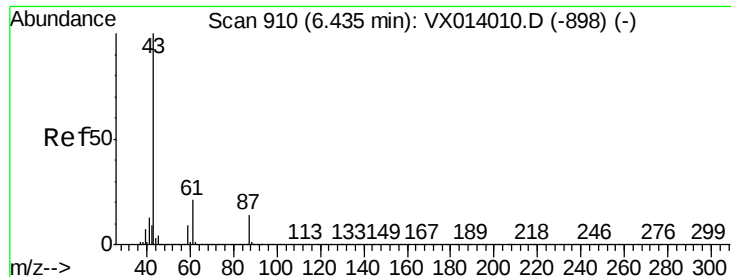
98 10.3 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 54.023 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

GW-1MS

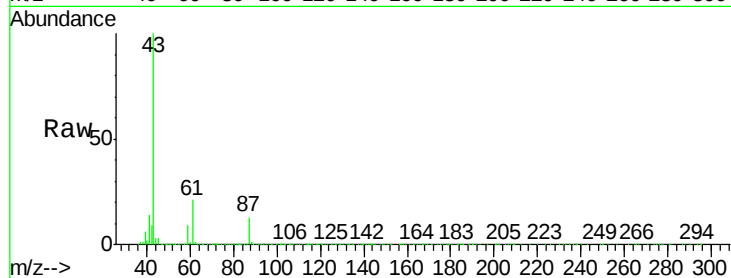
Tgt Ion: 43 Resp: 658610

Ion Ratio Lower Upper

43 100

61 20.5 16.4 24.6

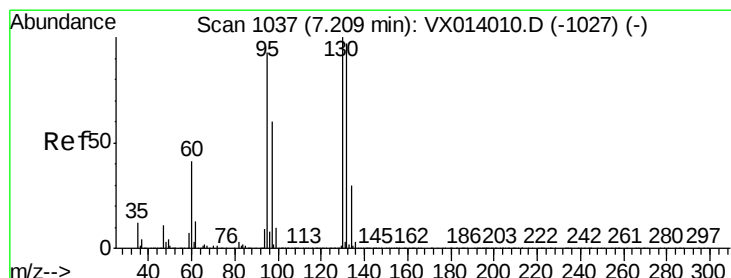
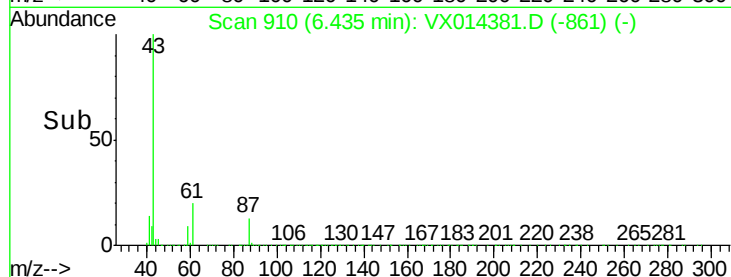
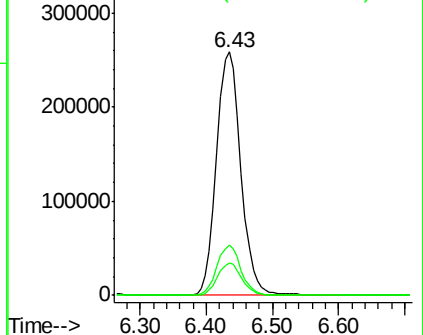
87 13.1 10.7 16.1



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: 45.531 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX014381.D

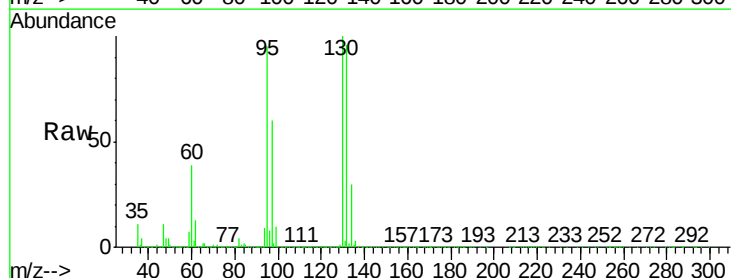
Acq: 31 Dec 2019 15:40

Tgt Ion: 130 Resp: 258136

Ion Ratio Lower Upper

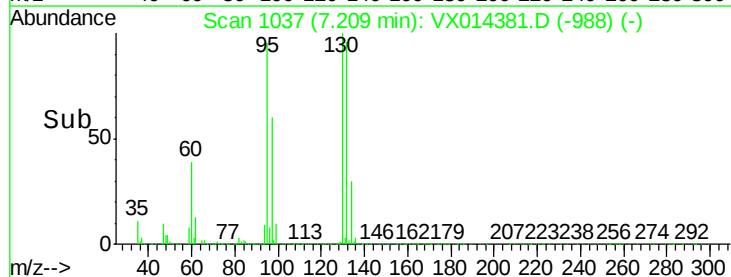
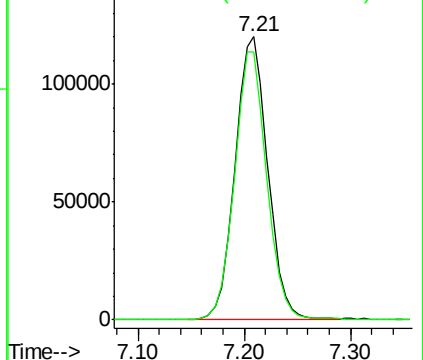
130 100

95 94.7 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

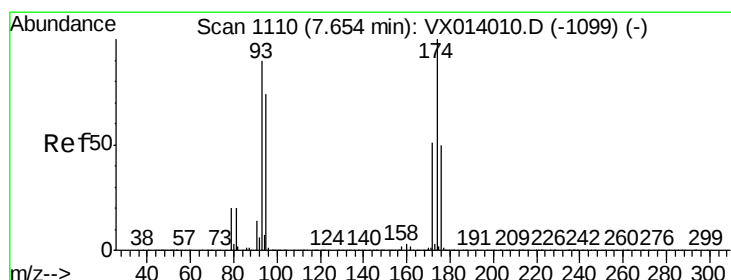
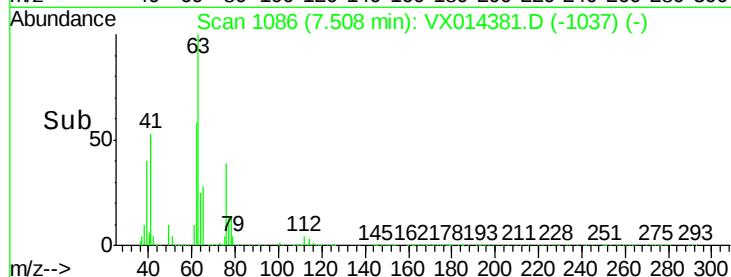
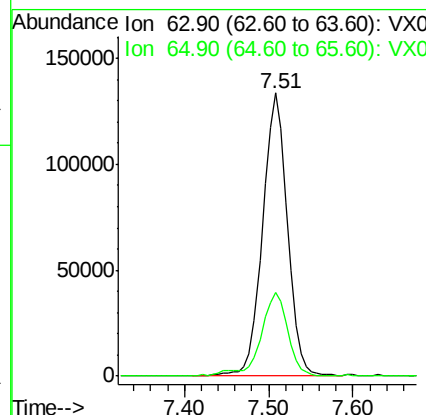
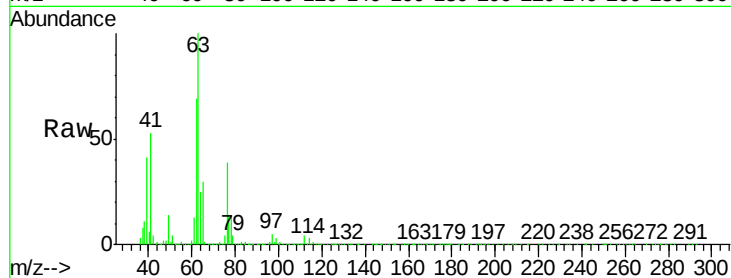




#45
 1,2-Dichloropropane
 Concen: 51.244 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX014381.D
 Acq: 31 Dec 2019 15:40

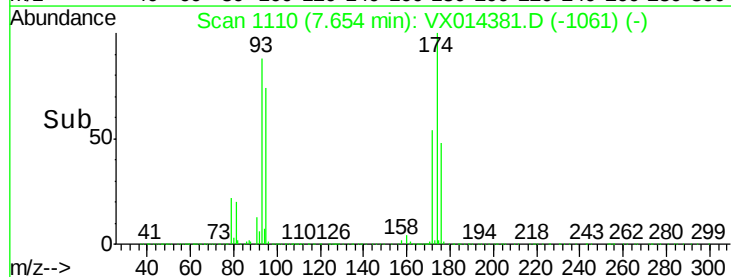
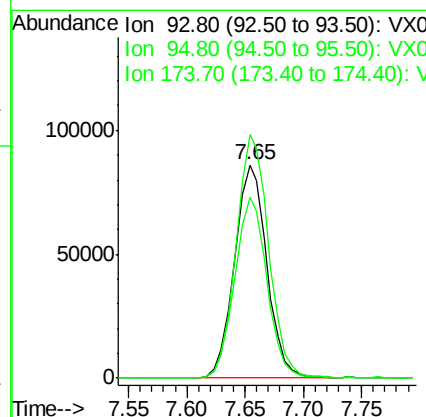
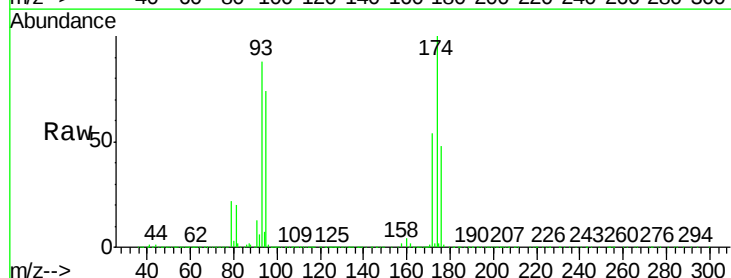
Instrument :
 MSVOA_X
 ClientSampled :
 GW-1MS

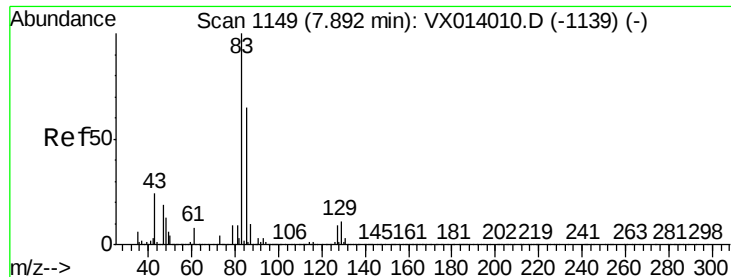
Tgt Ion: 63 Resp: 269594
 Ion Ratio Lower Upper
 63 100
 65 29.5 25.8 38.8



#46
 Dibromomethane
 Concen: 47.937 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014381.D
 Acq: 31 Dec 2019 15:40

Tgt Ion: 93 Resp: 166740
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.3 100.9
 174 114.6 91.6 137.4

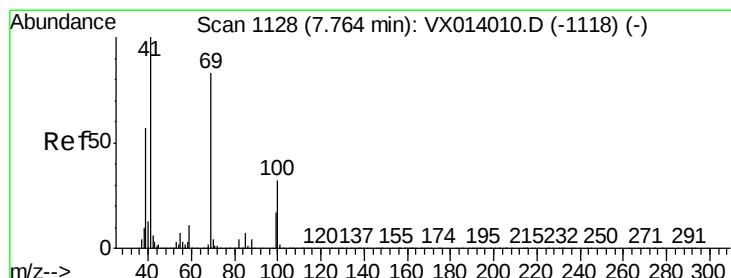
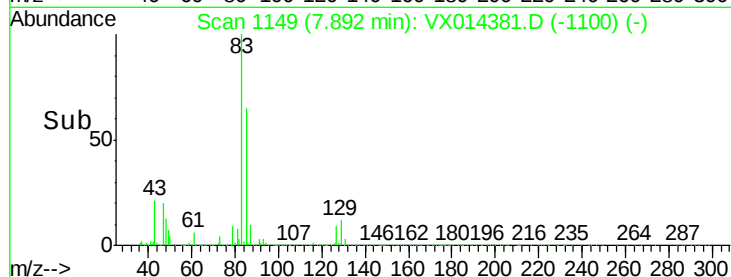
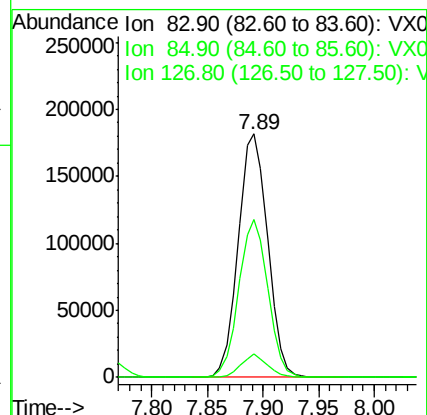
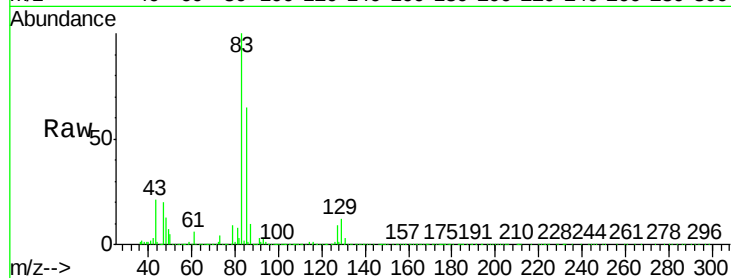




#47
 Bromodichloromethane
 Concen: 50.771 ug/l
 RT: 7.89 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: VX014381.D
 Acq: 31 Dec 2019 15:40

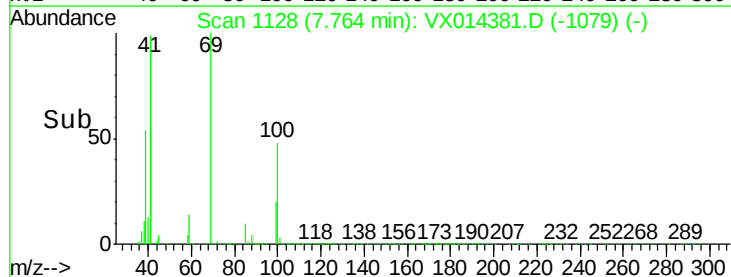
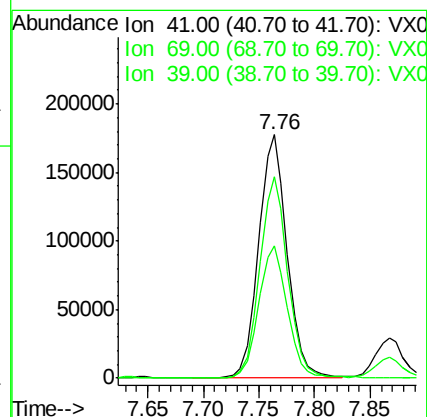
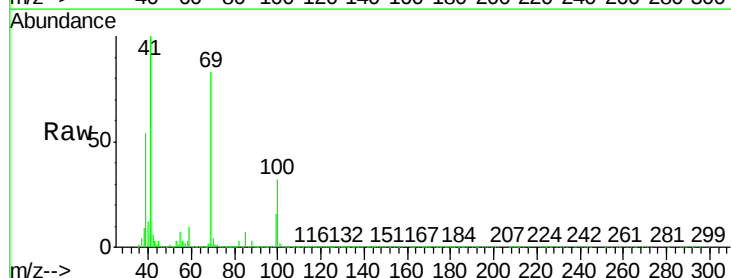
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-1MS

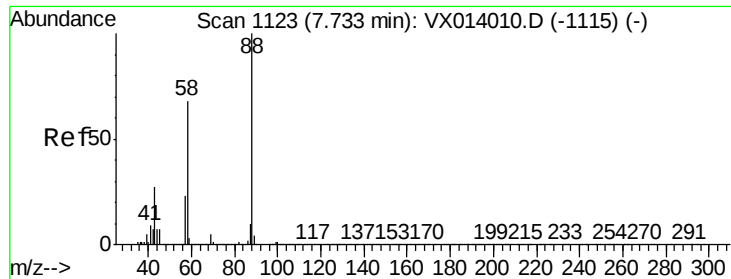
Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.8
127	9.4	7.0	10.4



#48
 Methyl methacrylate
 Concen: 52.646 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX014381.D
 Acq: 31 Dec 2019 15:40

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.5	65.8	98.6
39	54.7	44.6	67.0





#49

1,4-Dioxane

Concen: 1014.140 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

GW-1MS

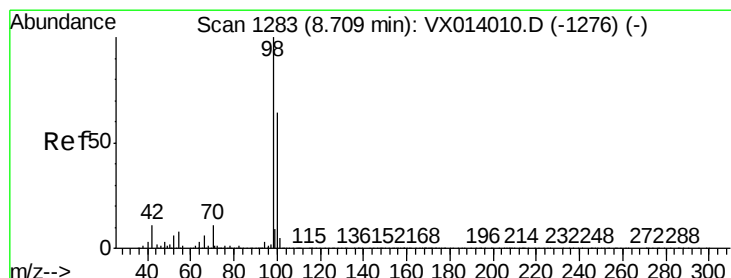
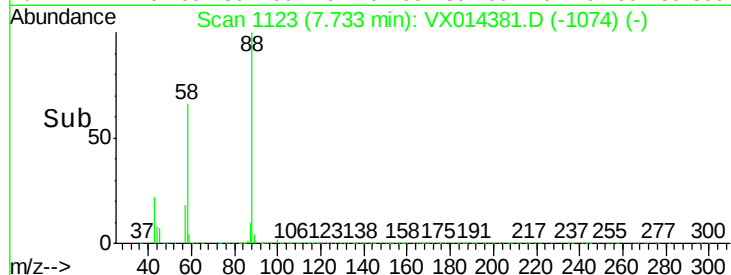
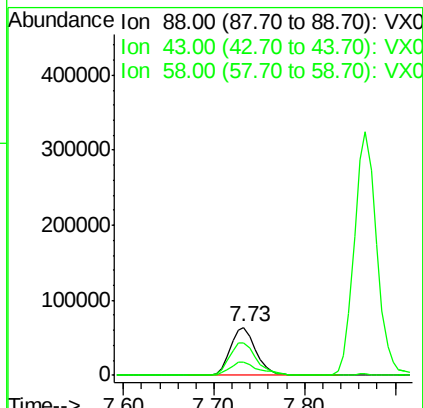
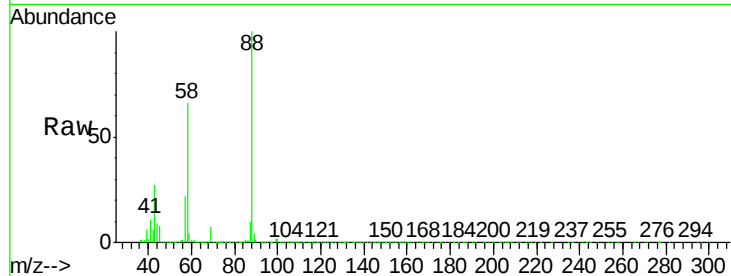
Tgt Ion: 88 Resp: 123205

Ion Ratio Lower Upper

88 100

43 31.7 26.5 39.7

58 70.5 56.8 85.2



#50

Toluene-d8

Concen: 48.890 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014381.D

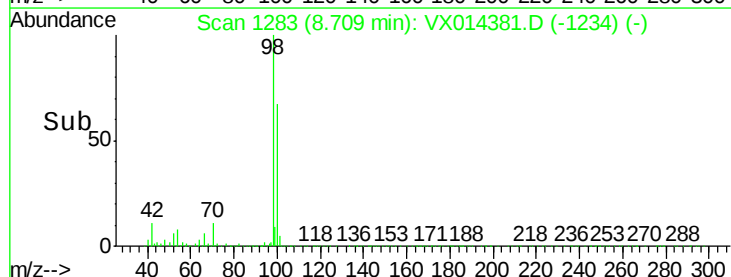
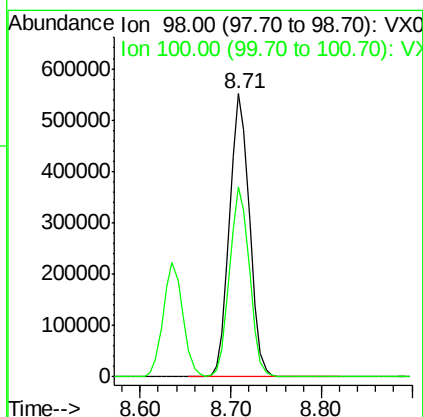
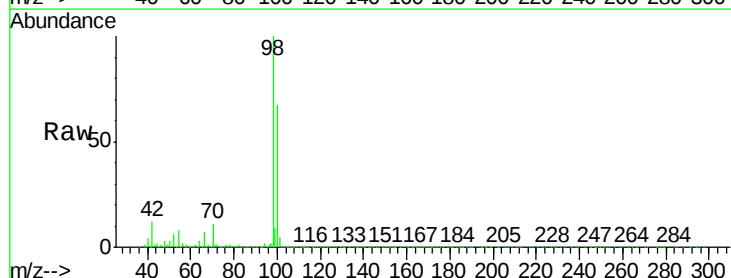
Acq: 31 Dec 2019 15:40

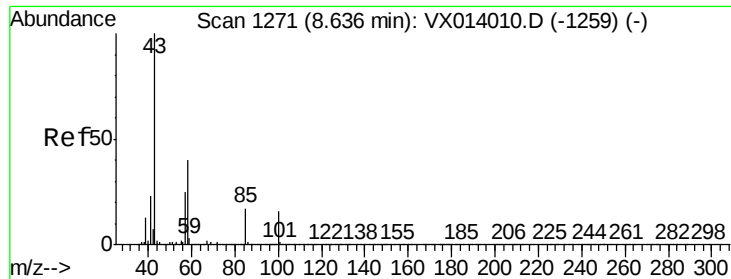
Tgt Ion: 98 Resp: 841233

Ion Ratio Lower Upper

98 100

100 66.9 52.9 79.3

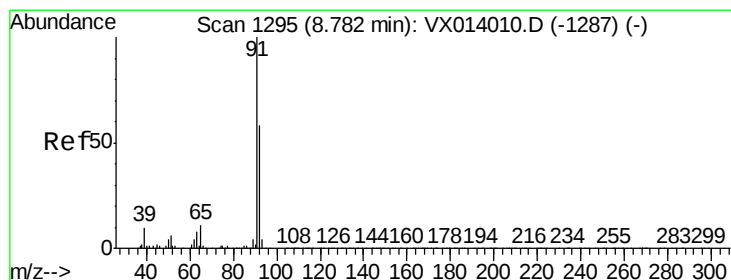
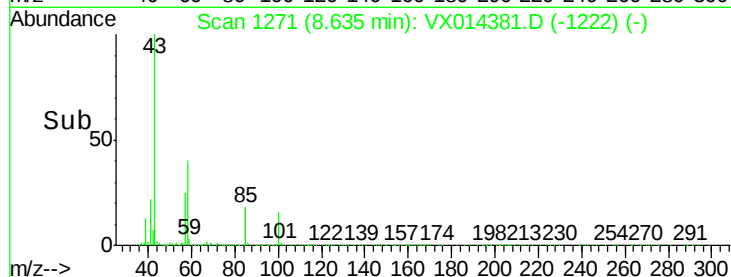
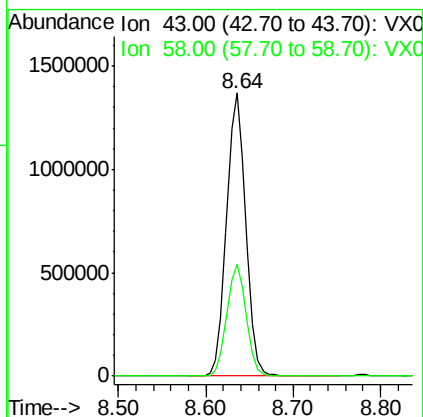
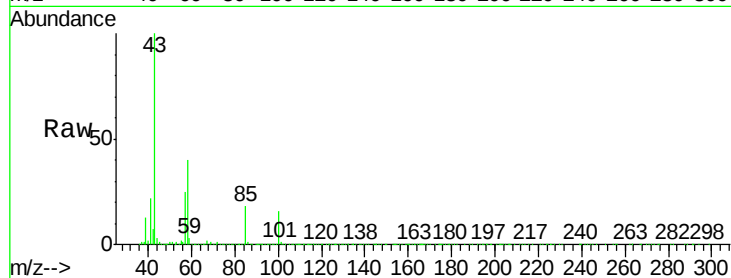




#51
 4-Methyl-2-Pentanone
 Concen: 272.515 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX014381.D
 Acq: 31 Dec 2019 15:40

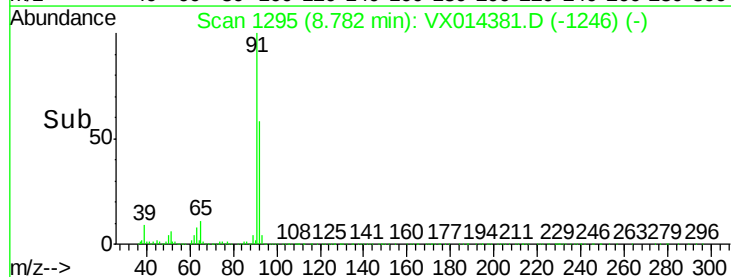
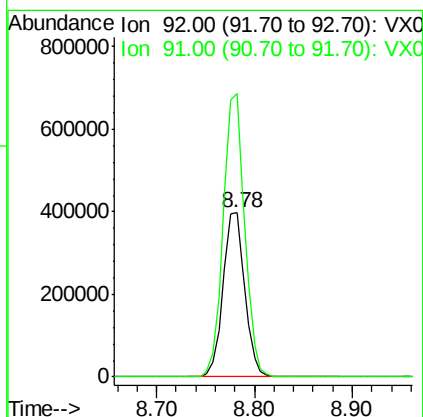
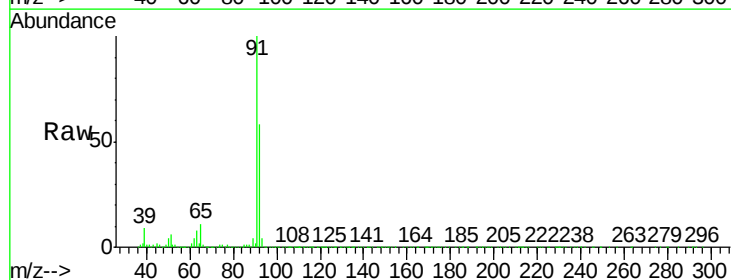
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-1MS

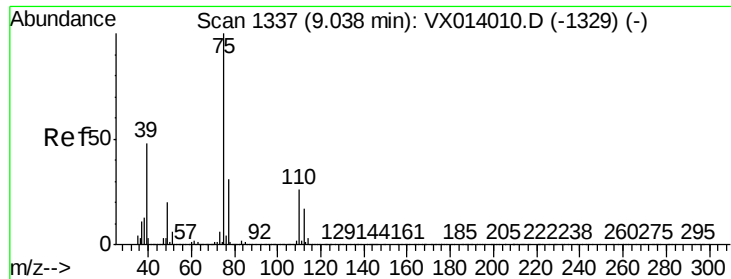
Tgt Ion: 43 Resp: 2086497
 Ion Ratio Lower Upper
 43 100
 58 39.7 32.2 48.2



#52
 Toluene
 Concen: 47.091 ug/l
 RT: 8.78 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: VX014381.D
 Acq: 31 Dec 2019 15:40

Tgt Ion: 92 Resp: 610950
 Ion Ratio Lower Upper
 92 100
 91 171.1 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 50.478 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

Instrument :

MSVOA_X

ClientSampled :

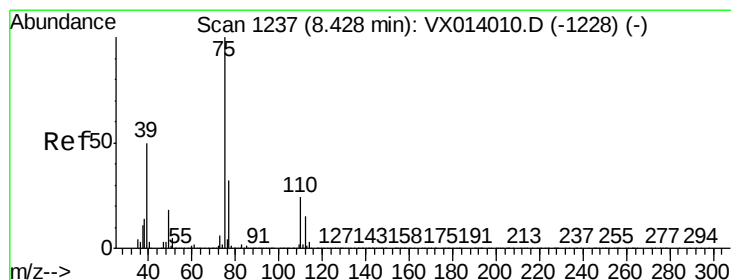
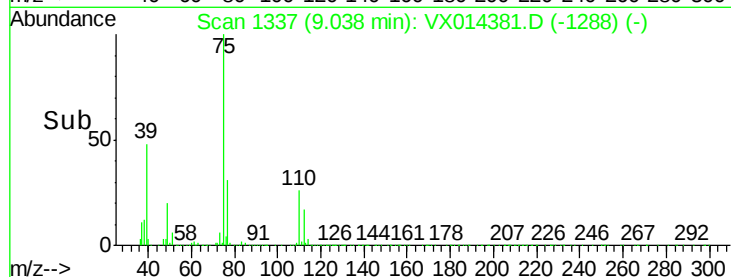
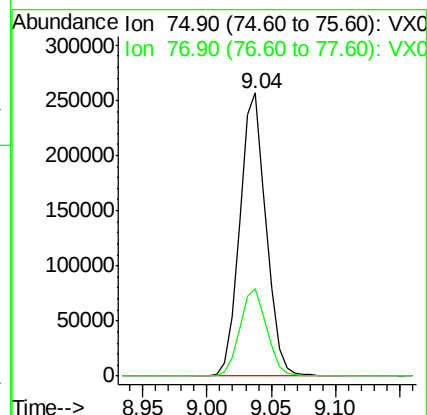
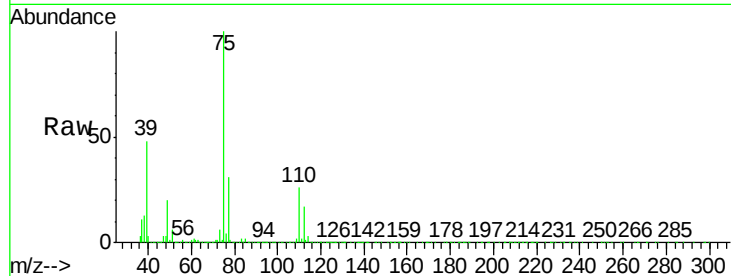
GW-1MS

Tgt Ion: 75 Resp: 362588

Ion Ratio Lower Upper

75 100

77 30.9 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 50.963 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

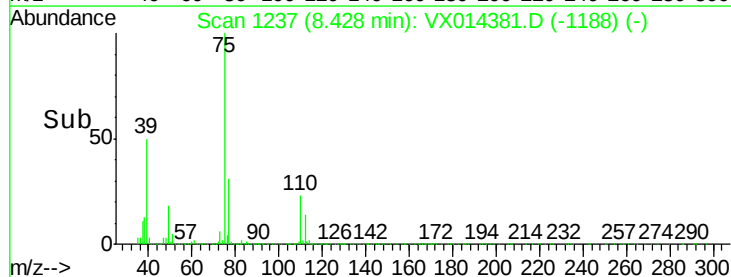
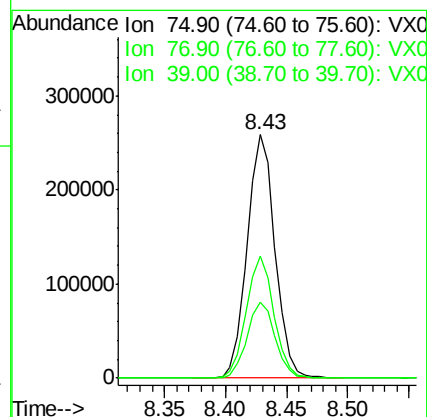
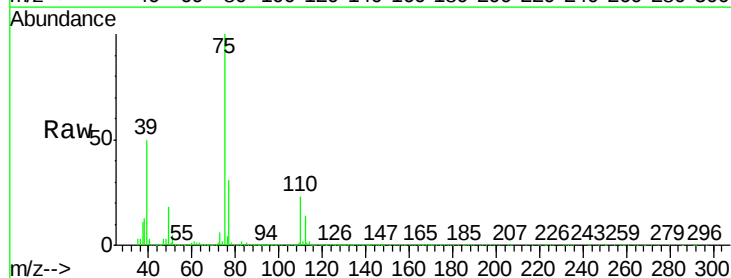
Tgt Ion: 75 Resp: 407827

Ion Ratio Lower Upper

75 100

77 30.9 25.3 37.9

39 50.1 39.9 59.9

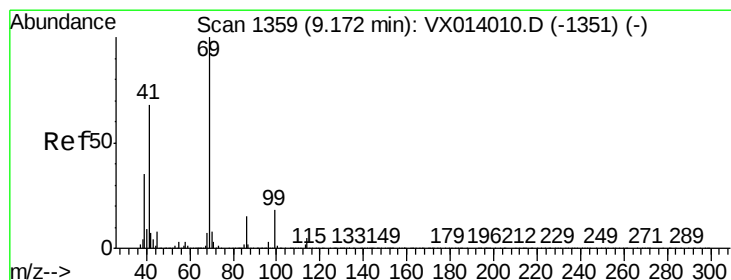
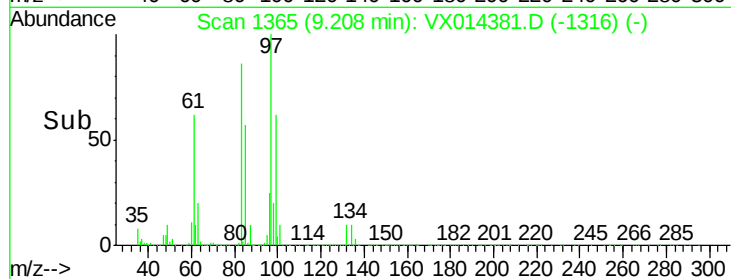
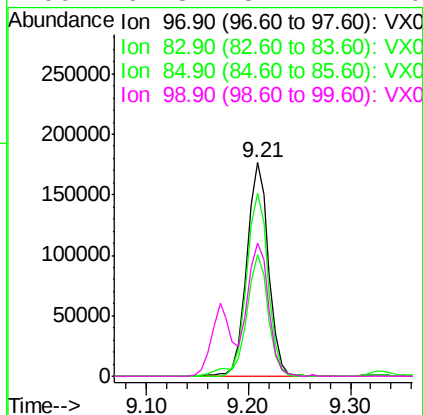
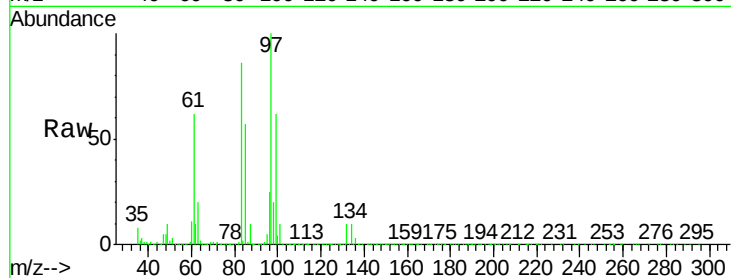




#55
 1,1,2-Trichloroethane
 Concen: 50.241 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014381.D
 Acq: 31 Dec 2019 15:40

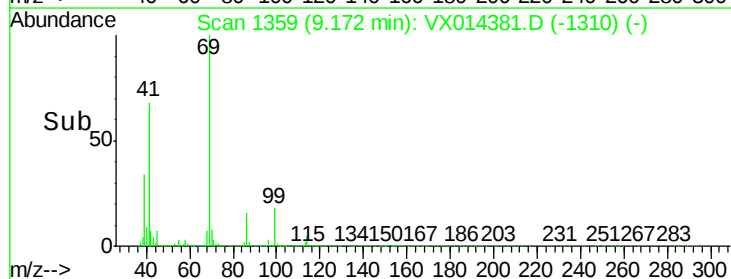
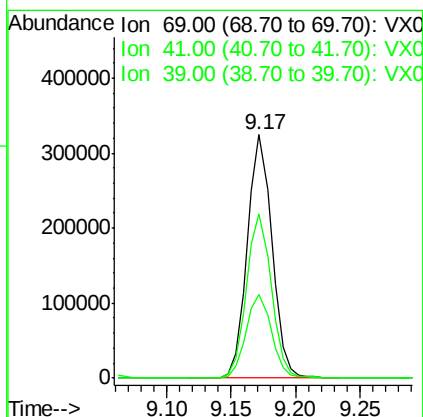
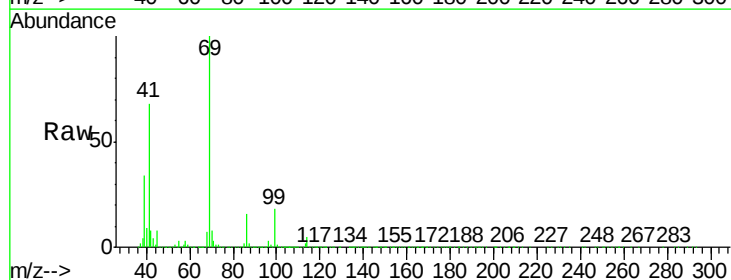
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-1MS

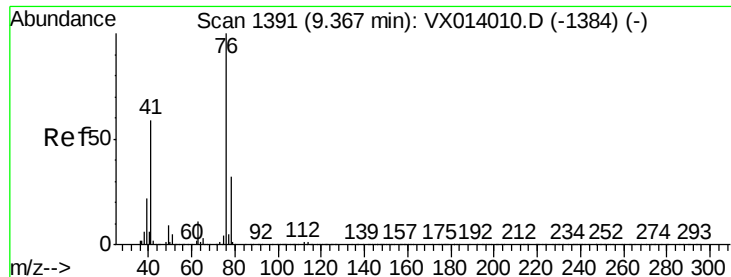
Tgt Ion:	97	Resp:	261242
Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.2	102.4
85	56.7	44.6	66.8
99	62.3	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 52.310 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014381.D
 Acq: 31 Dec 2019 15:40

Tgt Ion:	69	Resp:	427263
Ion	Ratio	Lower	Upper
69	100		
41	68.0	54.8	82.2
39	35.4	28.3	42.5





#57

1,3-Dichloropropane

Concen: 50.058 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

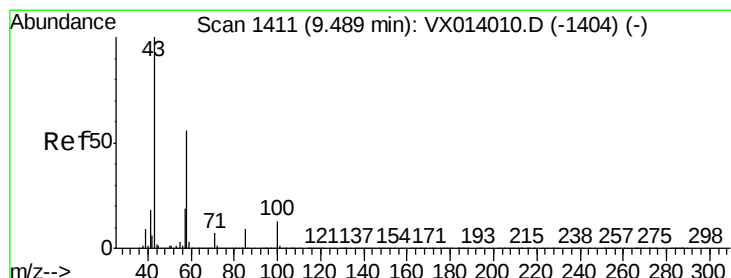
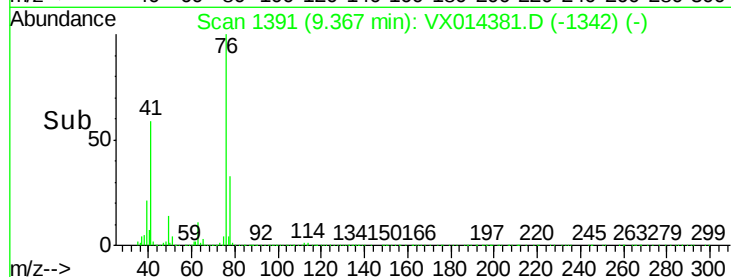
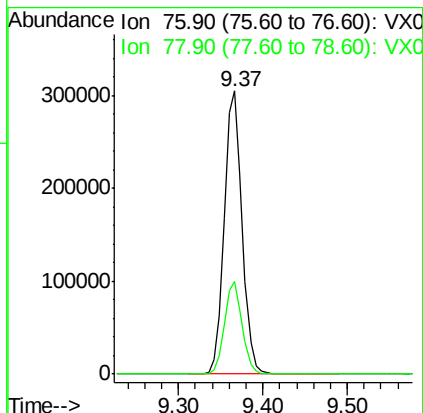
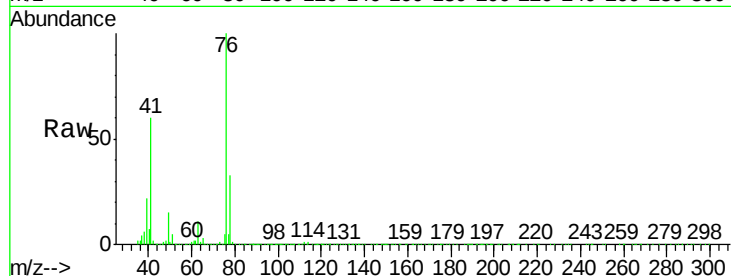
GW-1MS

Tgt Ion: 76 Resp: 437938

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



#59

2-Hexanone

Concen: 254.242 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX014381.D

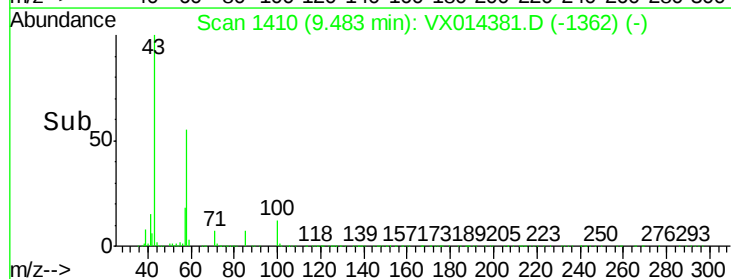
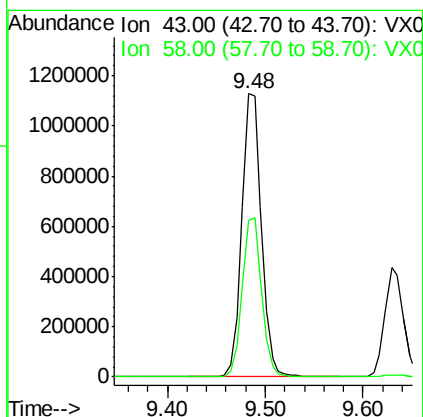
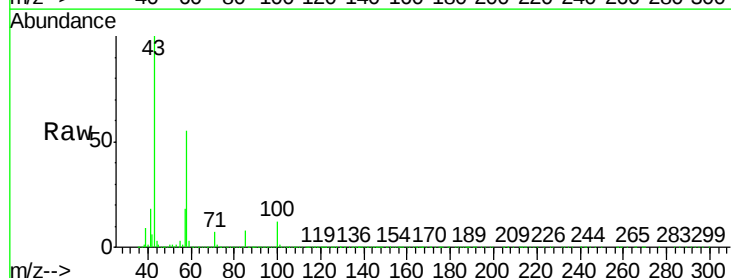
Acq: 31 Dec 2019 15:40

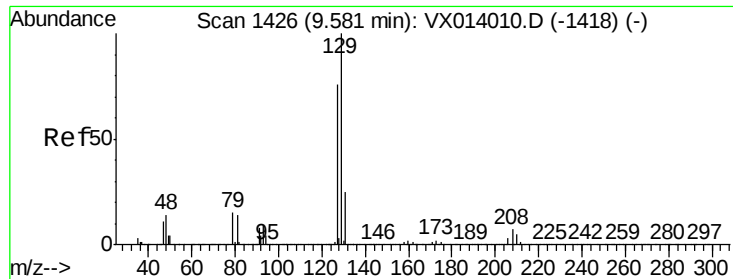
Tgt Ion: 43 Resp: 1567006

Ion Ratio Lower Upper

43 100

58 55.8 28.0 84.0





#60

Dibromochloromethane

Concen: 51.672 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

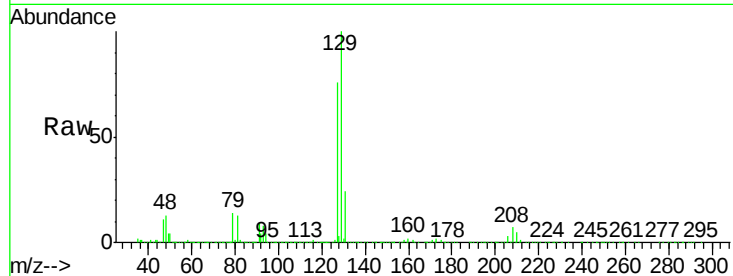
GW-1MS

Tgt Ion:129 Resp: 267070

Ion Ratio Lower Upper

129 100

127 78.1 38.4 115.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

200000

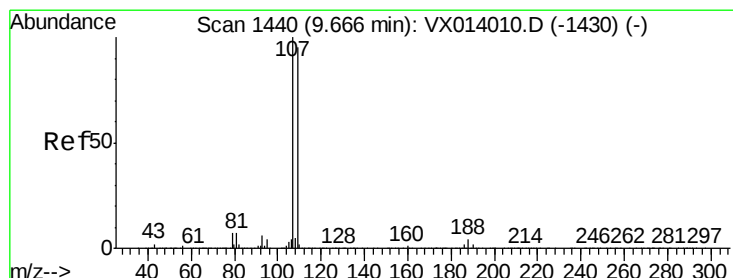
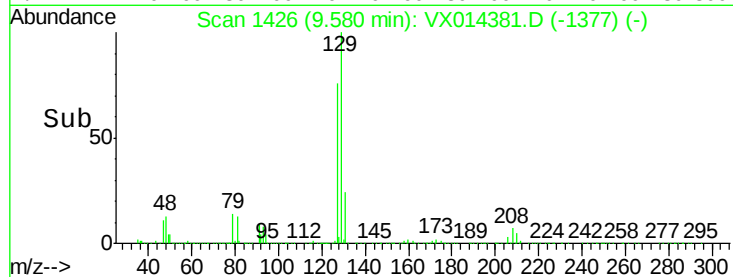
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 50.023 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014381.D

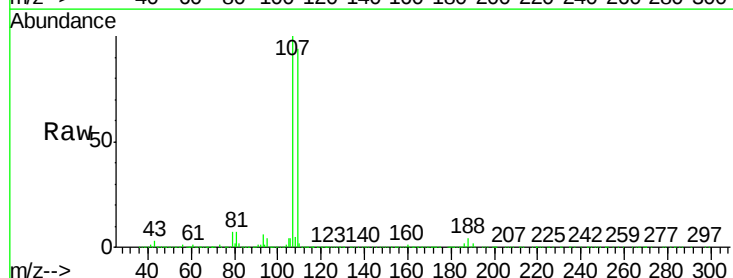
Acq: 31 Dec 2019 15:40

Tgt Ion:107 Resp: 266130

Ion Ratio Lower Upper

107 100

109 93.9 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

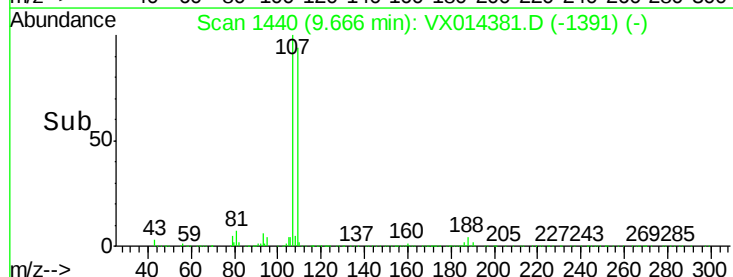
150000

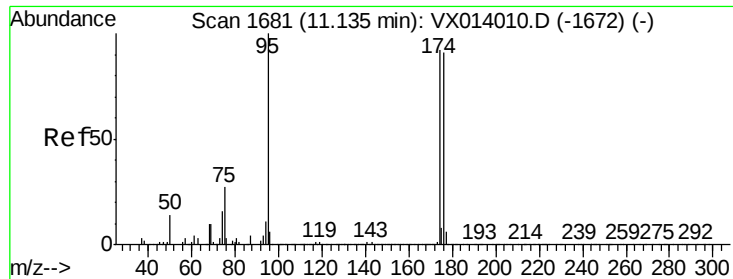
100000

50000

0

Time-->

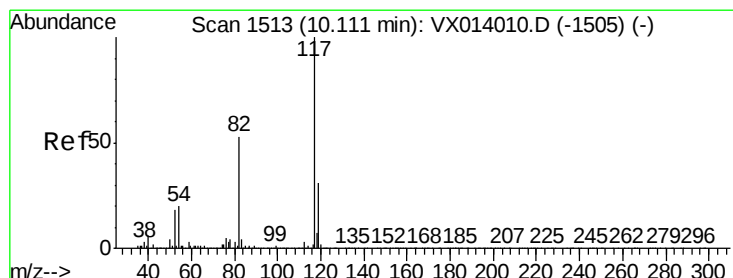
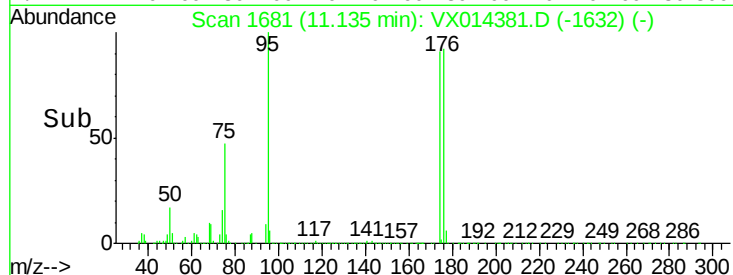
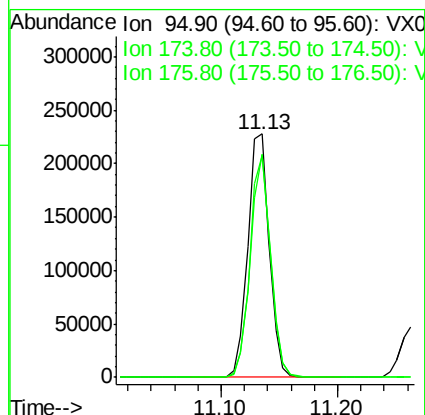
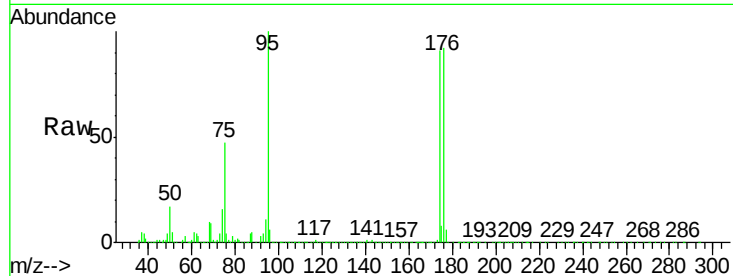




#62
4-Bromofluorobenzene
Concen: 46.875 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX014381.D
Acq: 31 Dec 2019 15:40

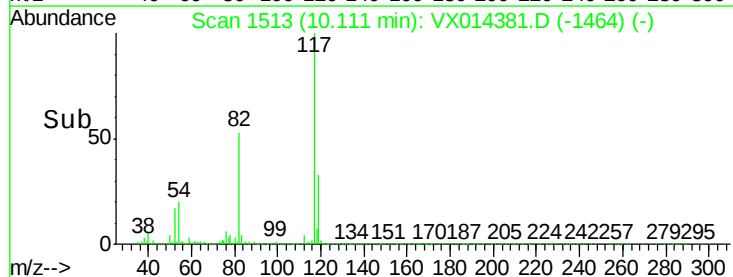
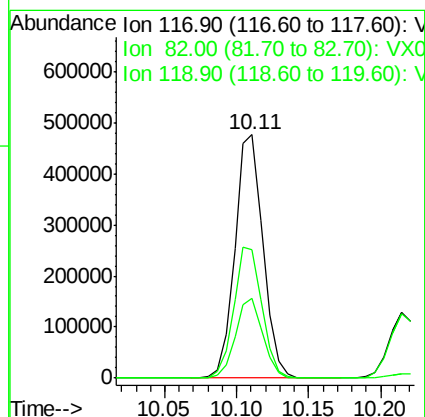
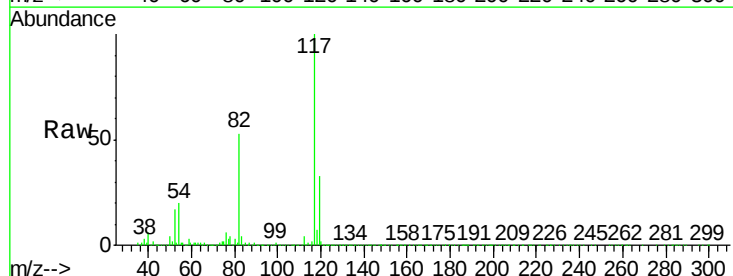
Instrument :
MSVOA_X
ClientSampleId :
GW-1MS

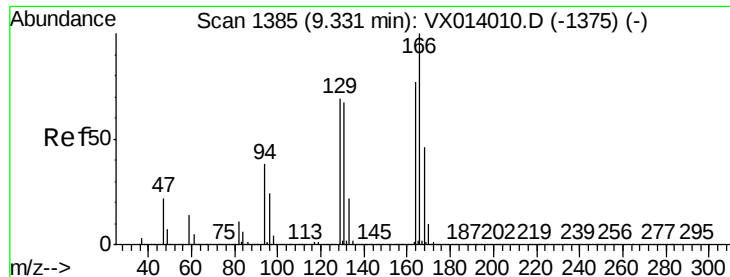
Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.7	0.0	175.8
176	85.9	0.0	173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014381.D
Acq: 31 Dec 2019 15:40

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.2	63.4
119	32.9	25.1	37.7





#64

Tetrachloroethene

Concen: 43.285 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

GW-1MS

Tgt Ion:164 Resp: 248176

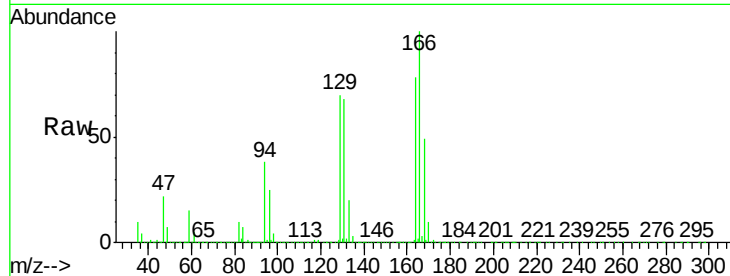
Ion Ratio Lower Upper

164 100

166 127.5 104.0 156.0

129 89.5 72.2 108.4

131 86.0 69.6 104.4

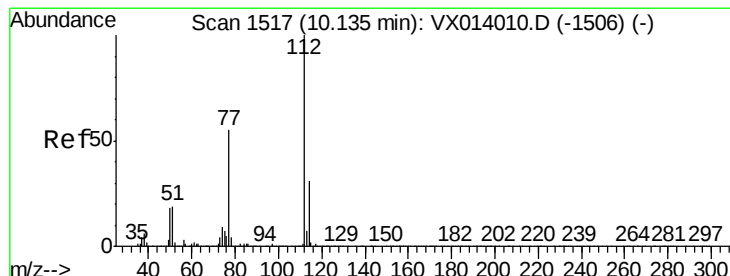
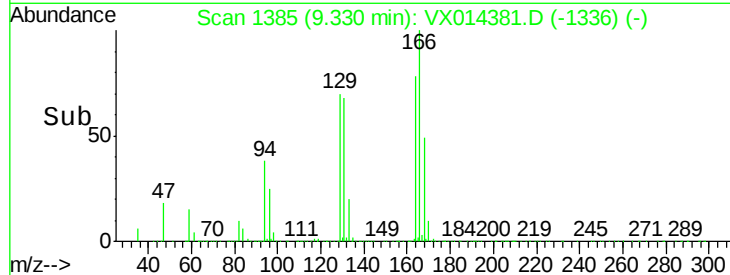
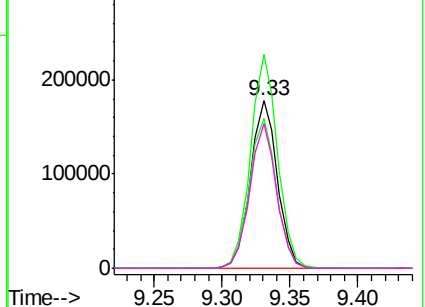


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 47.355 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX014381.D

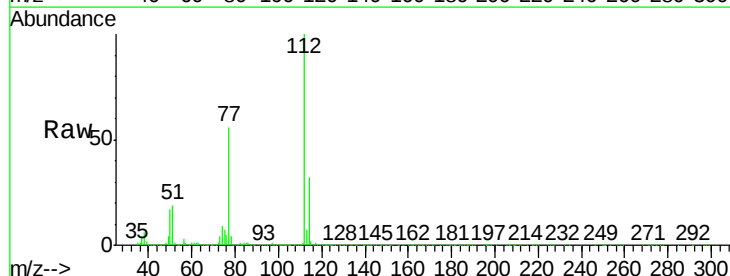
Acq: 31 Dec 2019 15:40

Tgt Ion:112 Resp: 652399

Ion Ratio Lower Upper

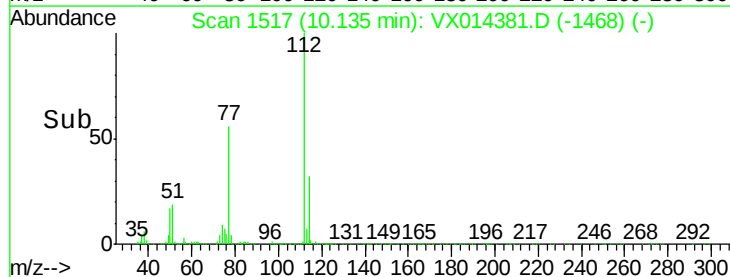
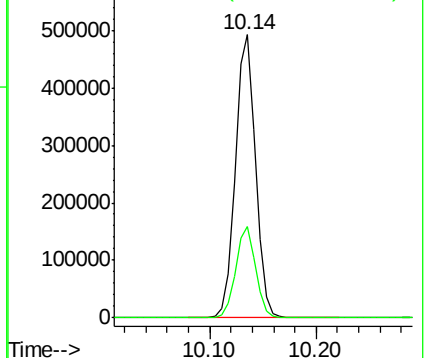
112 100

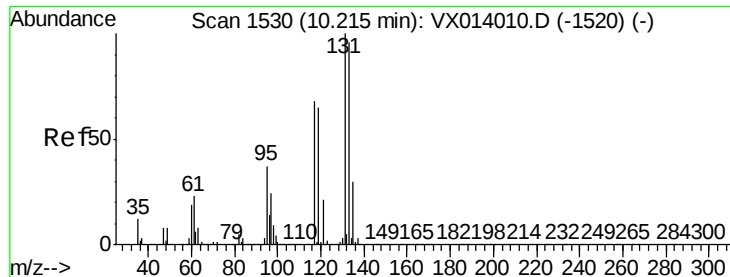
114 32.4 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

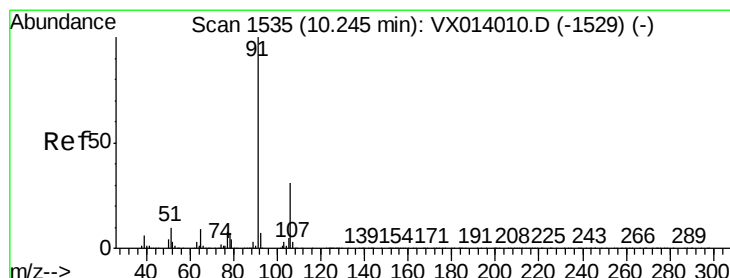
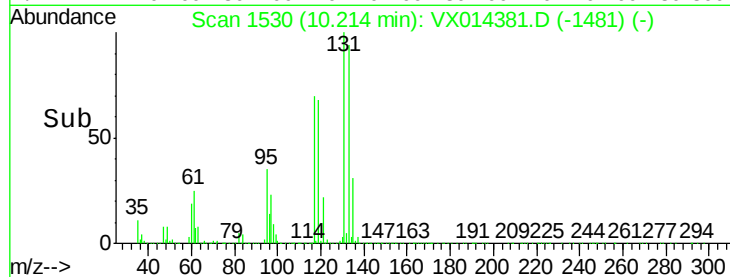
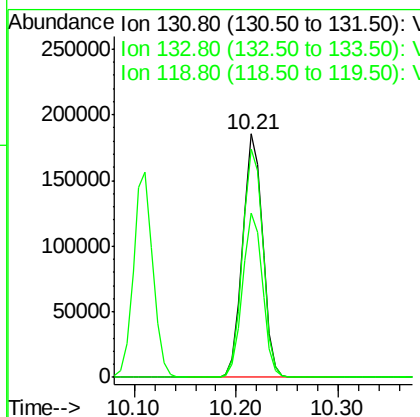
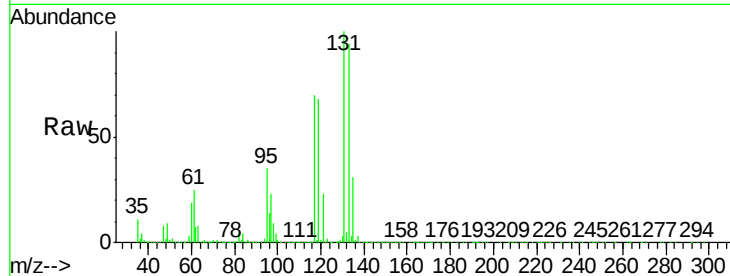




#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.957 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX014381.D
 Acq: 31 Dec 2019 15:40

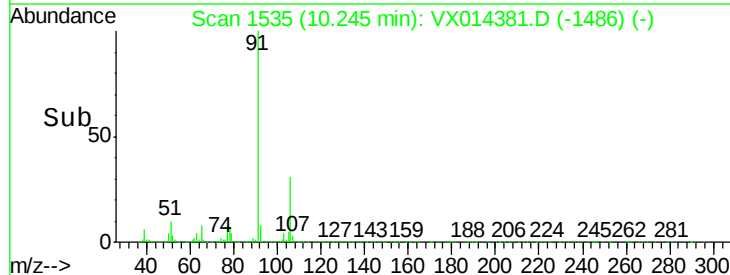
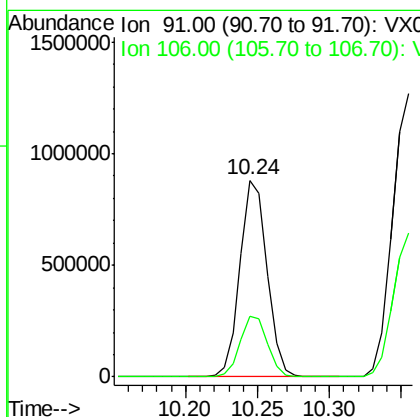
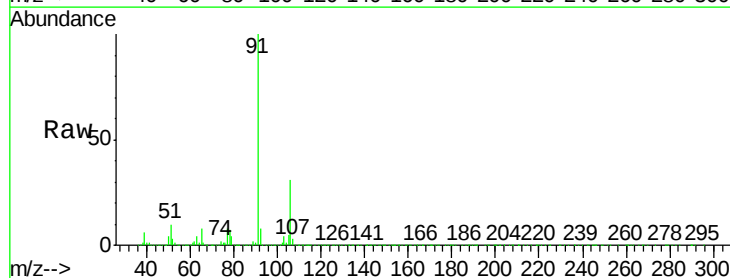
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-1MS

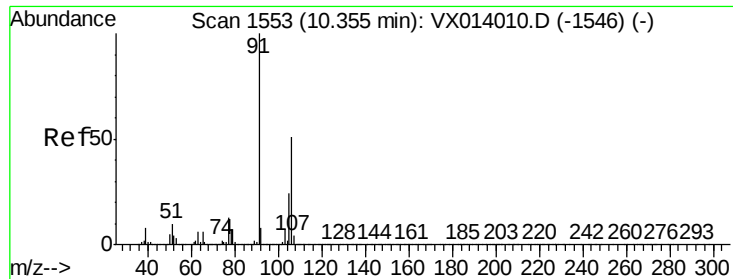
Tgt Ion: 131 Resp: 250665
 Ion Ratio Lower Upper
 131 100
 133 95.7 48.0 144.0
 119 67.7 33.4 100.2



#67
 Ethyl Benzene
 Concen: 48.628 ug/l
 RT: 10.24 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX014381.D
 Acq: 31 Dec 2019 15:40

Tgt Ion: 91 Resp: 1151799
 Ion Ratio Lower Upper
 91 100
 106 30.9 25.0 37.6





#68

m/p-Xylenes

Concen: 95.505 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

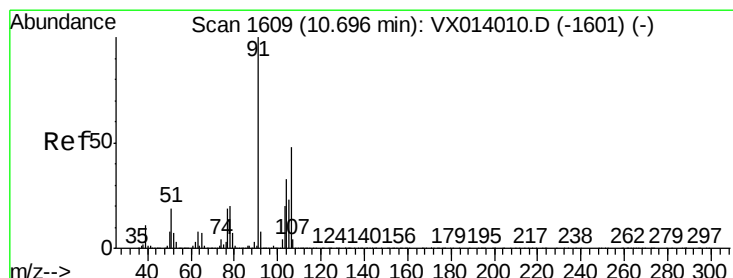
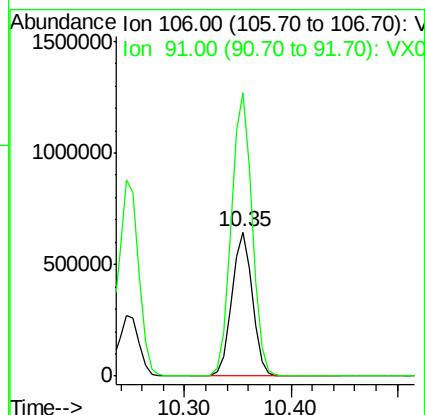
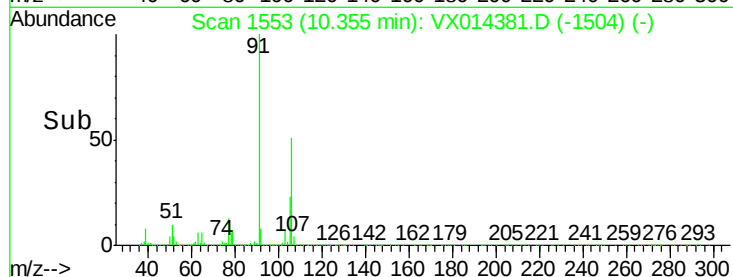
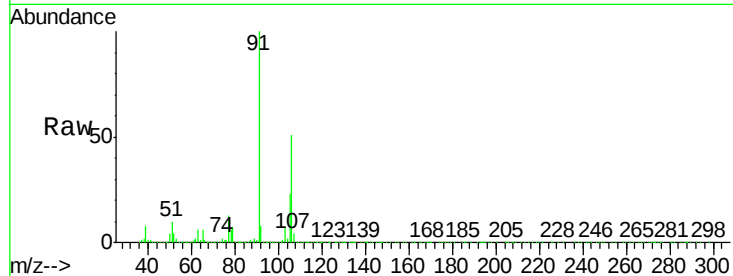
GW-1MS

Tgt Ion:106 Resp: 870034

Ion Ratio Lower Upper

106 100

91 199.5 158.6 238.0



#69

o-Xylene

Concen: 48.227 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX014381.D

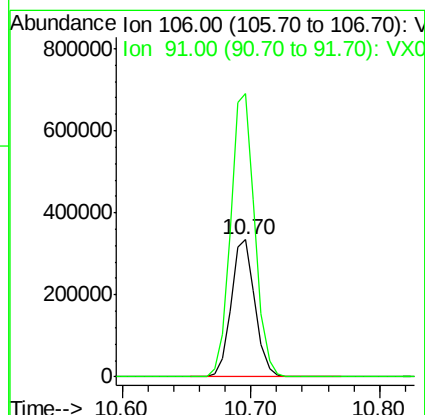
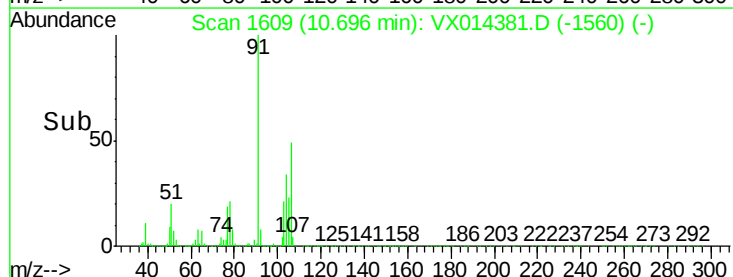
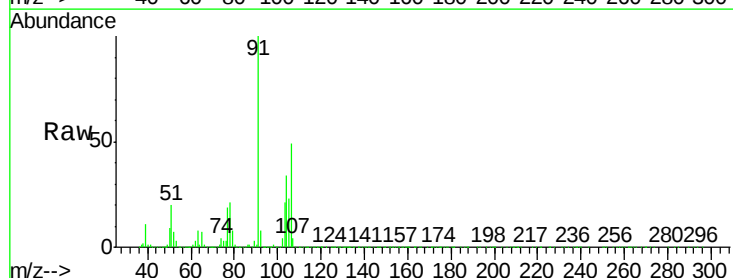
Acq: 31 Dec 2019 15:40

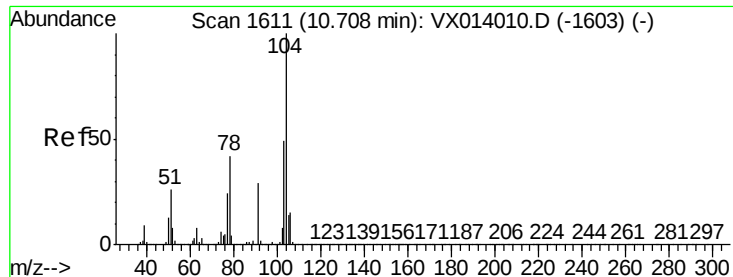
Tgt Ion:106 Resp: 430887

Ion Ratio Lower Upper

106 100

91 209.5 104.2 312.6

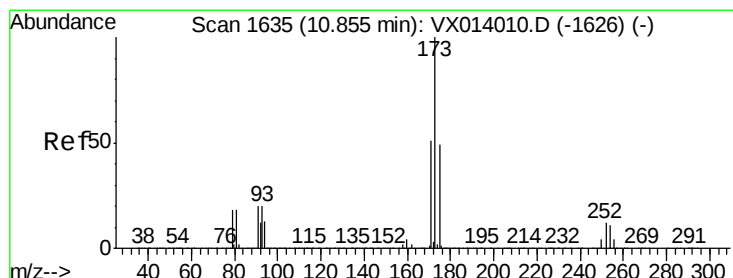
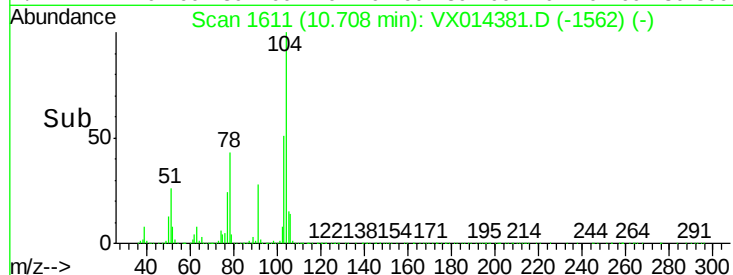
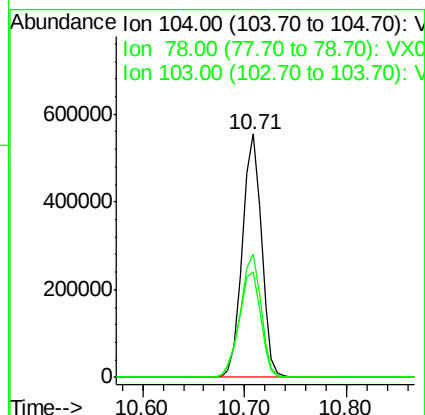
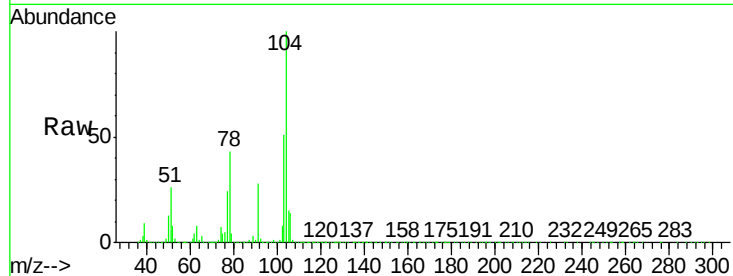




#70
Styrene
Concen: 47.317 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014381.D
Acq: 31 Dec 2019 15:40

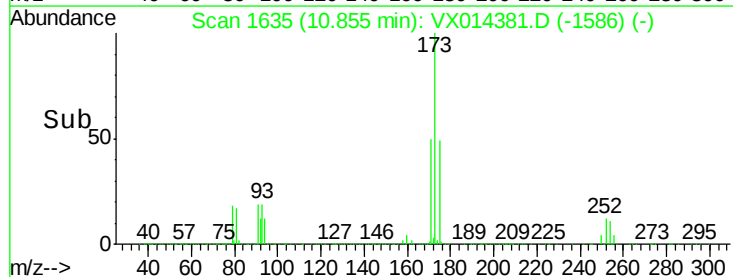
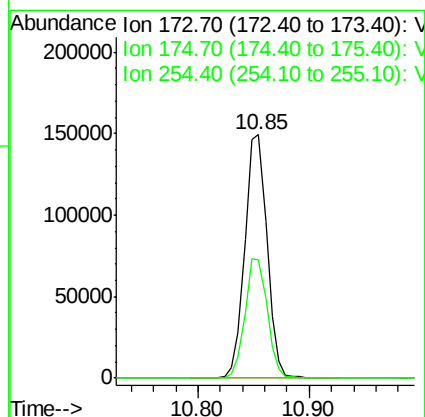
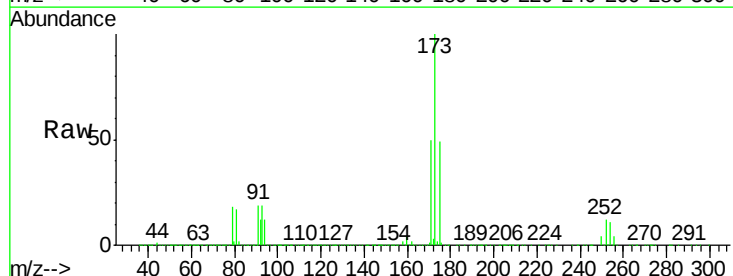
Instrument :
MSVOA_X
ClientSampleId :
GW-1MS

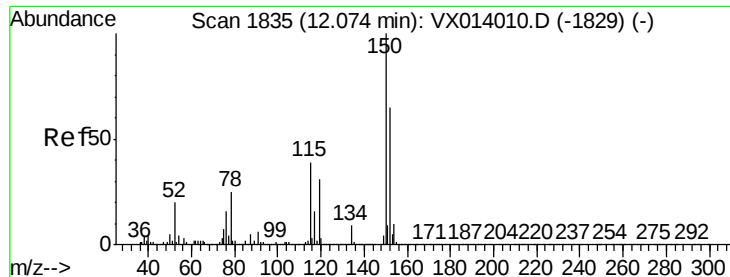
Tgt Ion:104 Resp: 714868
Ion Ratio Lower Upper
104 100
78 49.5 38.5 57.7
103 54.9 42.9 64.3



#71
Bromoform
Concen: 52.369 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX014381.D
Acq: 31 Dec 2019 15:40

Tgt Ion:173 Resp: 207075
Ion Ratio Lower Upper
173 100
175 49.2 24.4 73.4
254 0.2 0.2 0.2



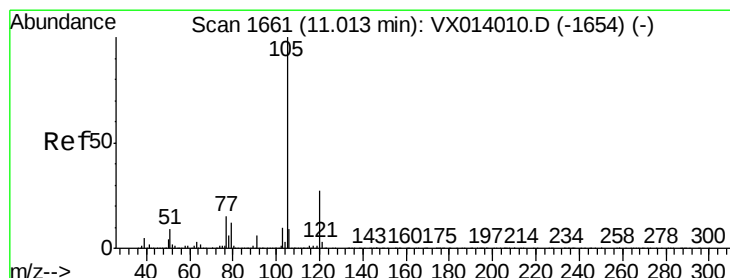
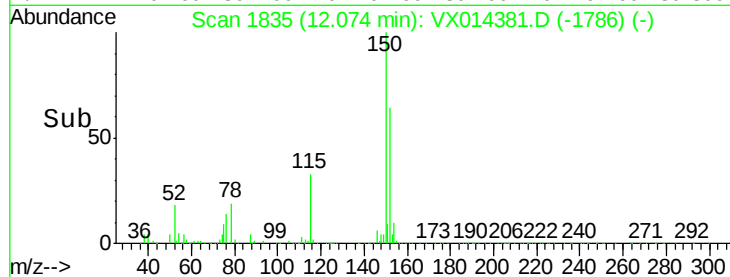
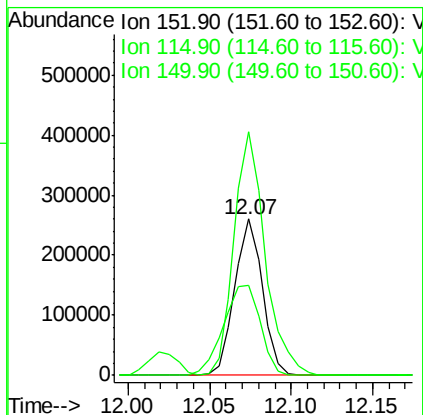
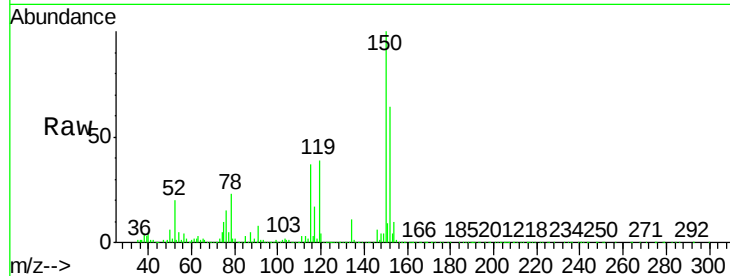


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014381.D
Acq: 31 Dec 2019 15:40

Instrument :
MSVOA_X
ClientSampleId :
GW-1MS

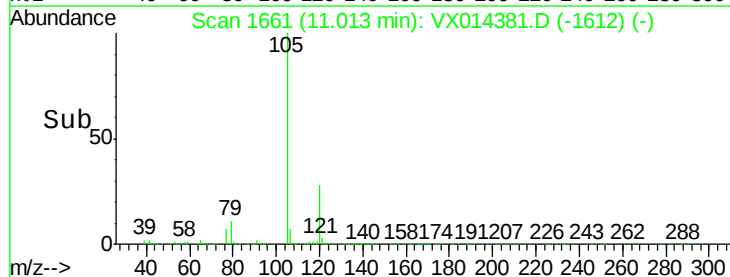
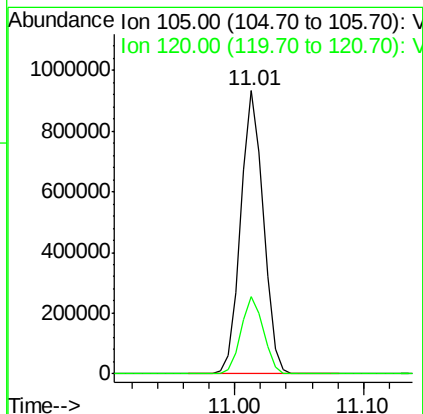
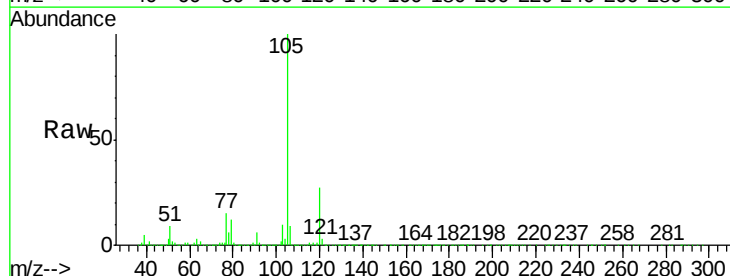
Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.9	38.3	114.9
150	173.9	0.0	345.4

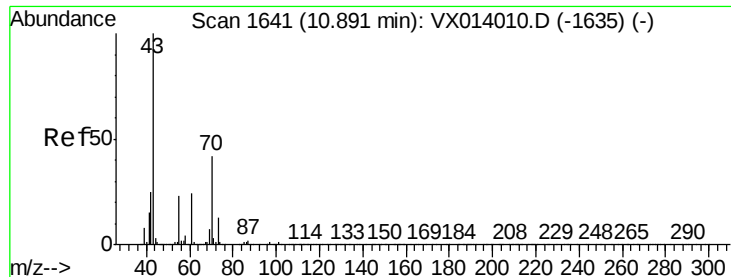


#73

Isopropylbenzene
Concen: 52.123 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX014381.D
Acq: 31 Dec 2019 15:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.5	40.4





#74

N-amy1 acetate

Concen: 54.933 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

GW-1MS

Tgt Ion: 43 Resp: 559531

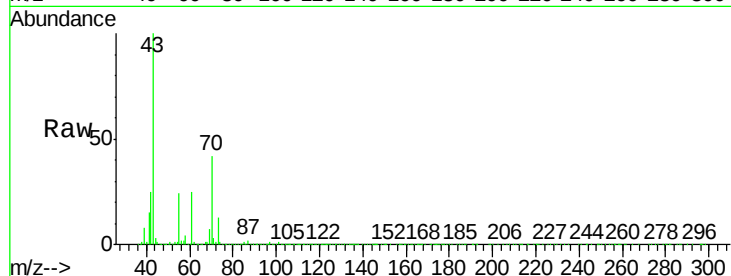
Ion Ratio Lower Upper

43 100

70 43.3 34.4 51.6

55 23.8 19.1 28.7

61 24.8 19.7 29.5

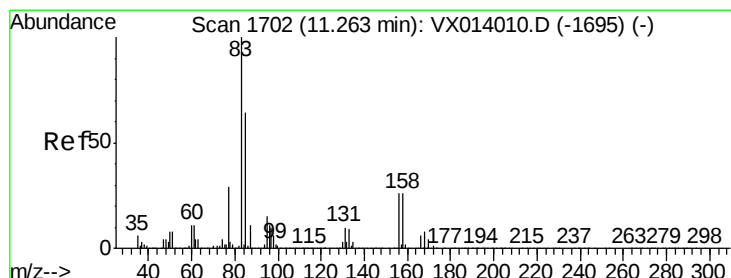
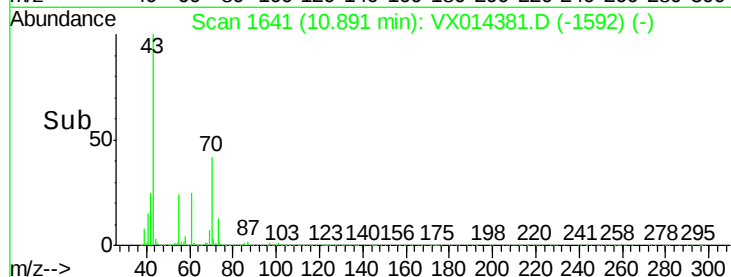
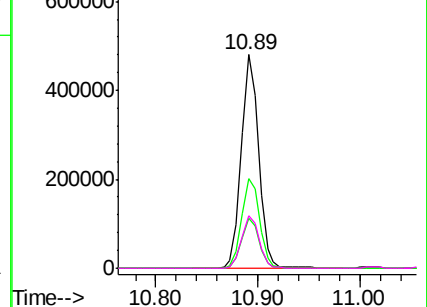


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 54.619 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

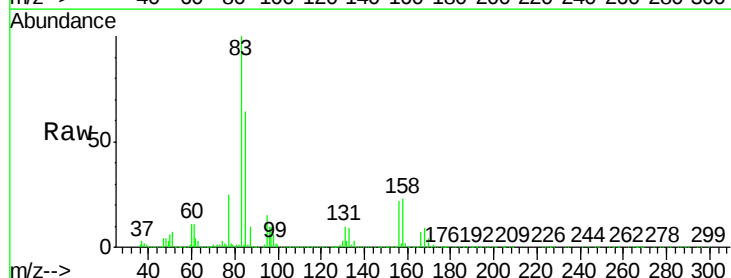
Tgt Ion: 83 Resp: 411473

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

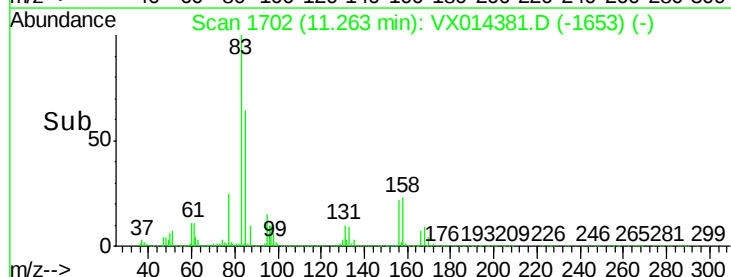
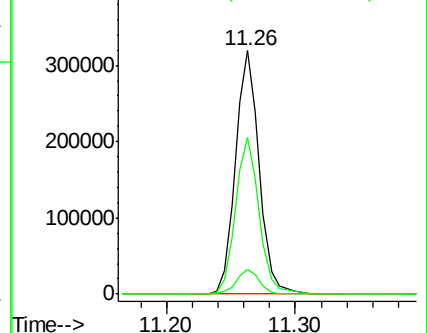
85 64.1 31.9 95.7

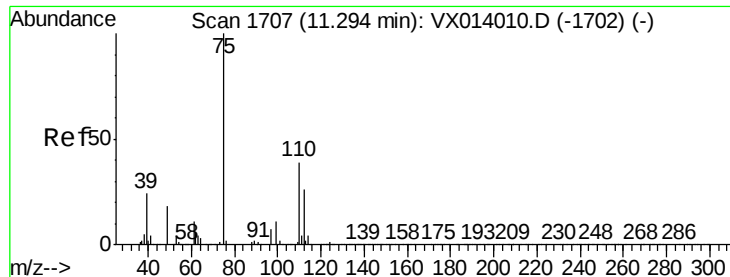


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 68.786 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

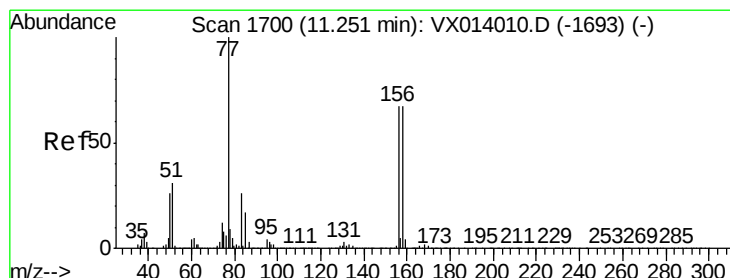
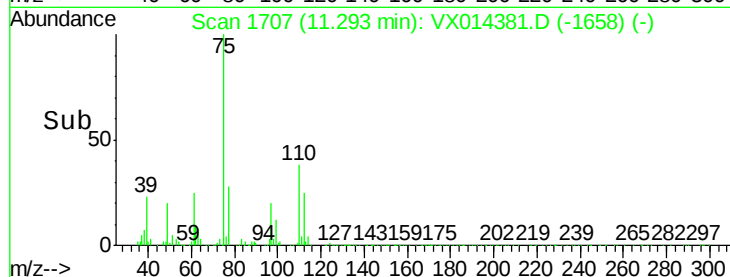
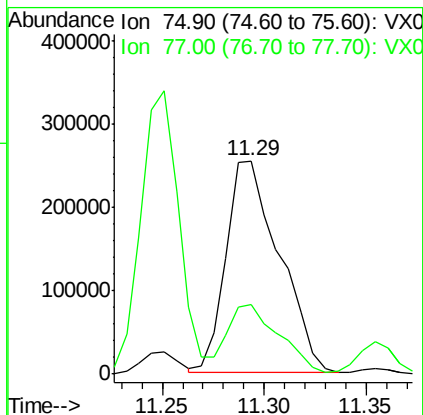
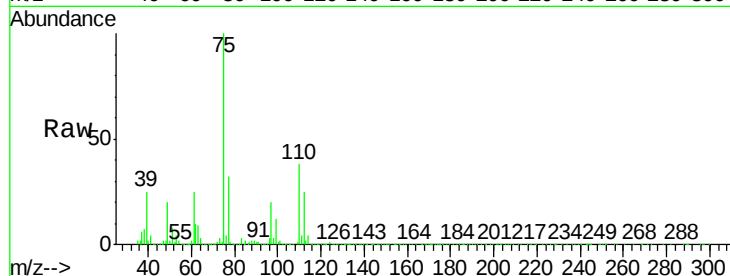
GW-1MS

Tgt Ion: 75 Resp: 460881

Ion Ratio Lower Upper

75 100

77 31.3 19.3 57.8



#77

Bromobenzene

Concen: 48.593 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

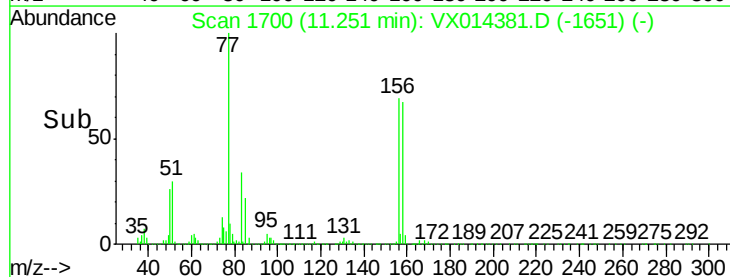
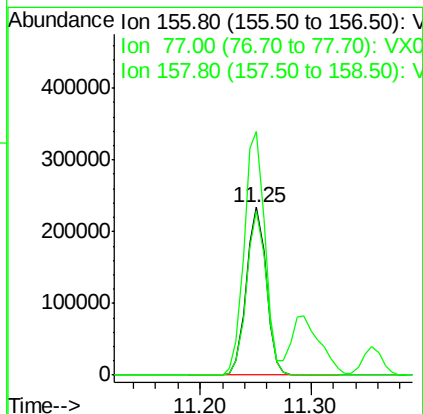
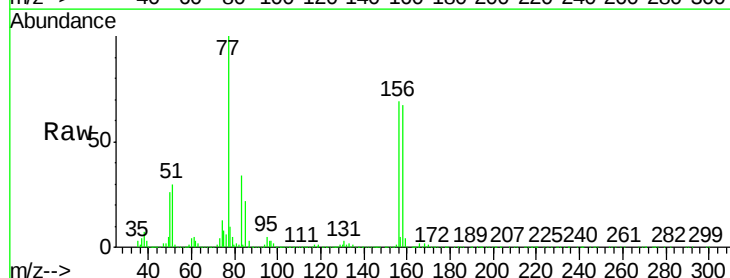
Tgt Ion: 156 Resp: 290518

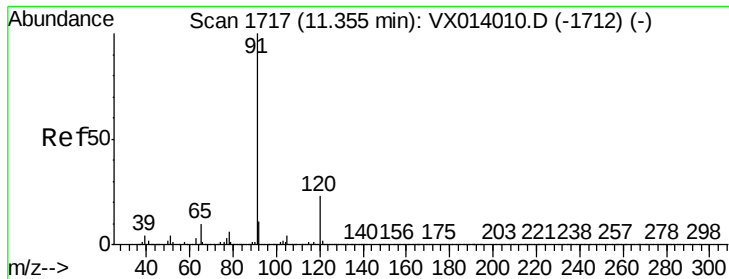
Ion Ratio Lower Upper

156 100

77 153.1 76.5 229.5

158 97.6 49.3 147.9





#78

n-propylbenzene

Concen: 51.554 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

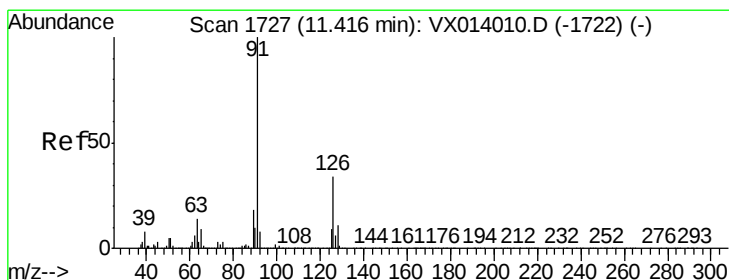
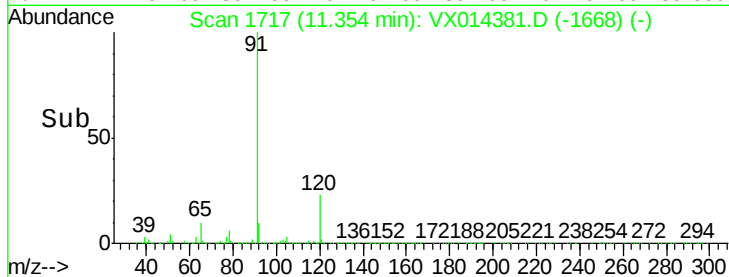
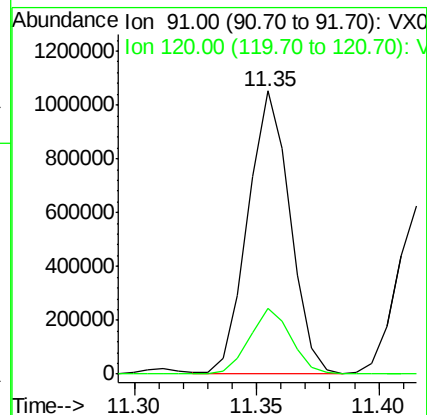
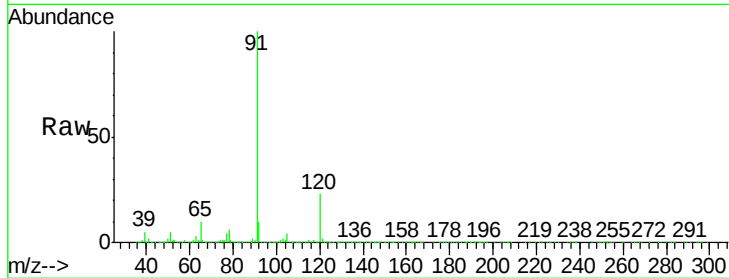
GW-1MS

Tgt Ion: 91 Resp: 1256571

Ion Ratio Lower Upper

91 100

120 23.1 11.7 35.0



#79

2-Chlorotoluene

Concen: 50.523 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014381.D

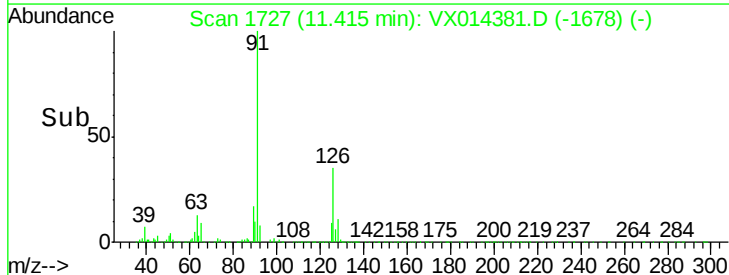
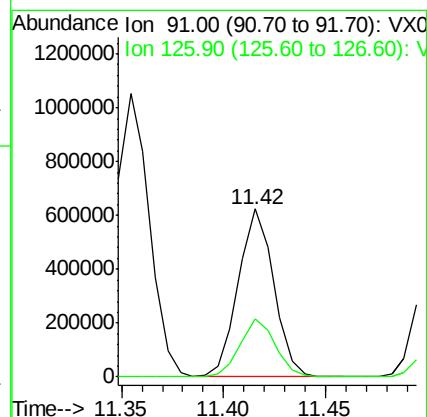
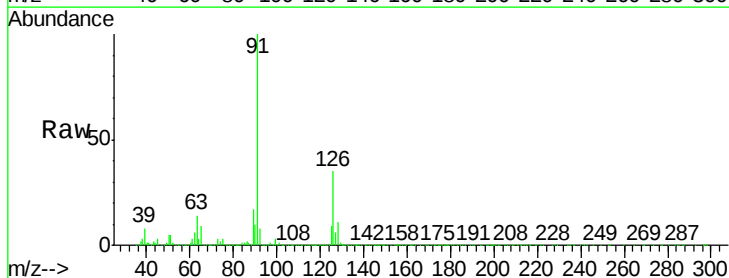
Acq: 31 Dec 2019 15:40

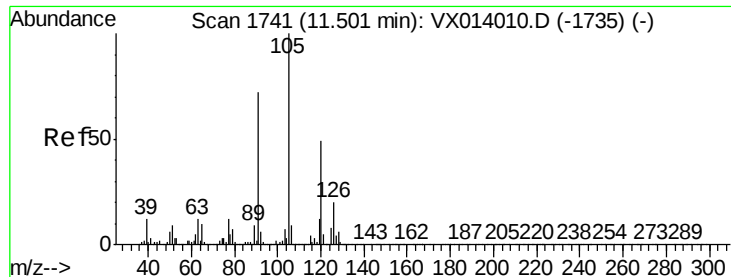
Tgt Ion: 91 Resp: 748558

Ion Ratio Lower Upper

91 100

126 34.5 17.2 51.6

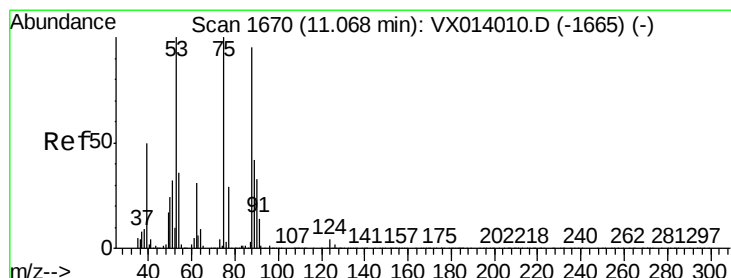
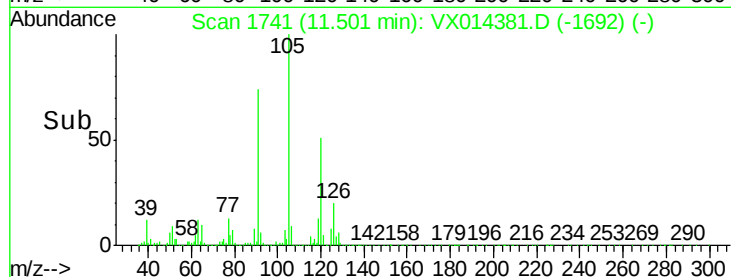
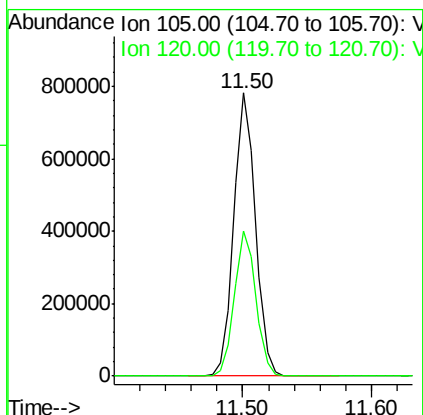
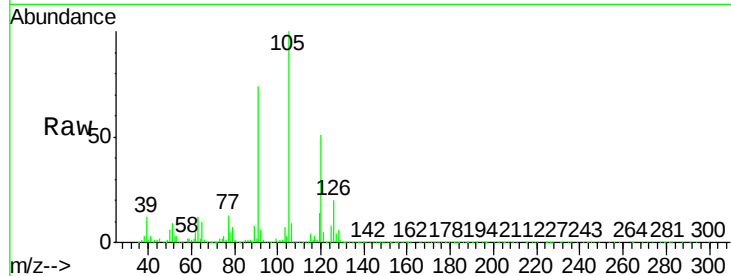




#80
 1,3,5-Trimethylbenzene
 Concen: 50.366 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX014381.D
 Acq: 31 Dec 2019 15:40

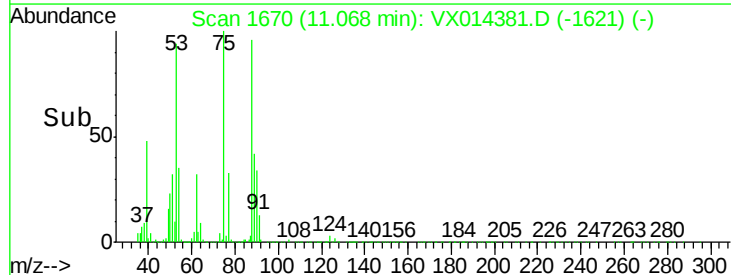
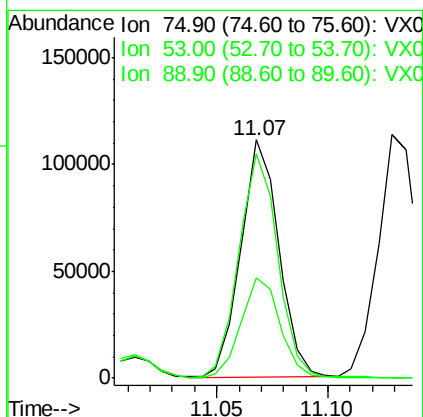
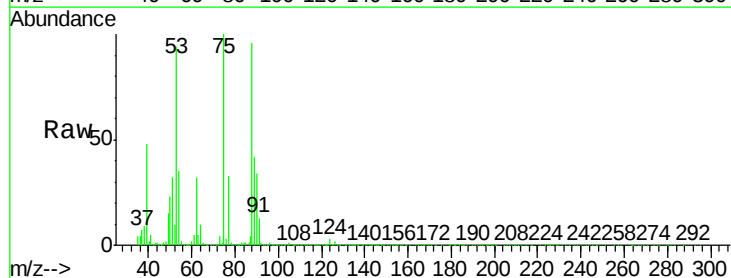
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-1MS

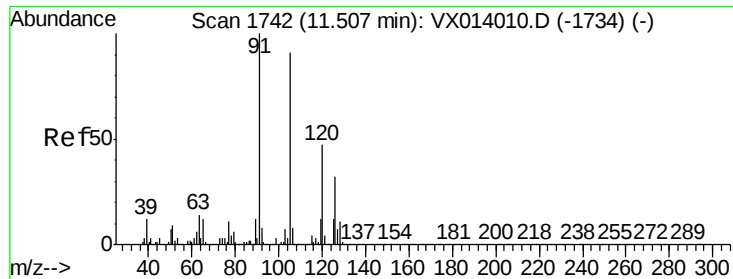
Tgt Ion: 105 Resp: 921076
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.3 75.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.806 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: VX014381.D
 Acq: 31 Dec 2019 15:40

Tgt Ion: 75 Resp: 132474
 Ion Ratio Lower Upper
 75 100
 53 96.4 76.7 115.1
 89 43.9 34.6 51.8





#82

4-Chlorotoluene

Concen: 49.153 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

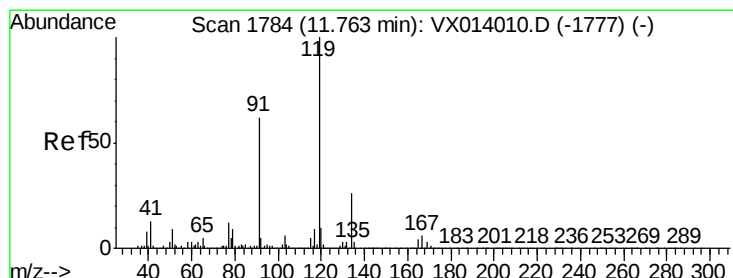
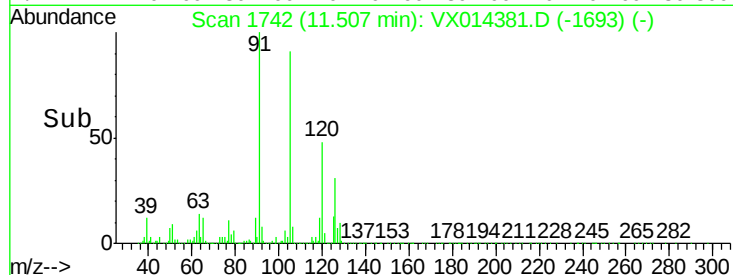
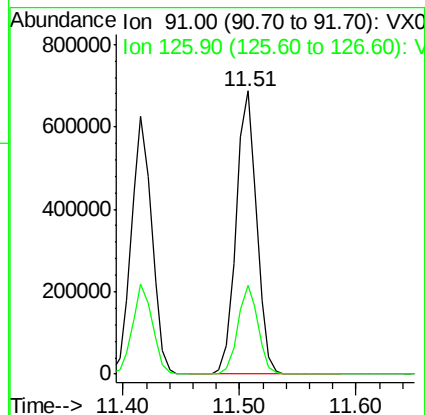
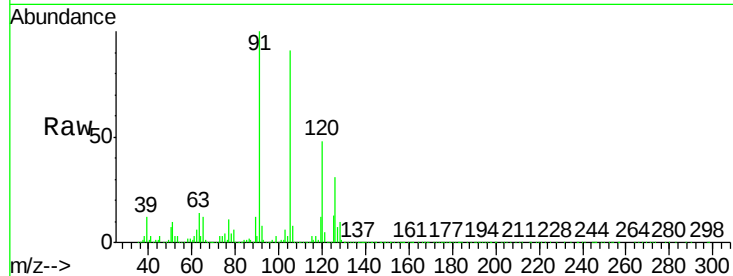
GW-1MS

Tgt Ion: 91 Resp: 844754

Ion Ratio Lower Upper

91 100

126 30.6 15.6 46.8



#83

tert-Butylbenzene

Concen: 52.433 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

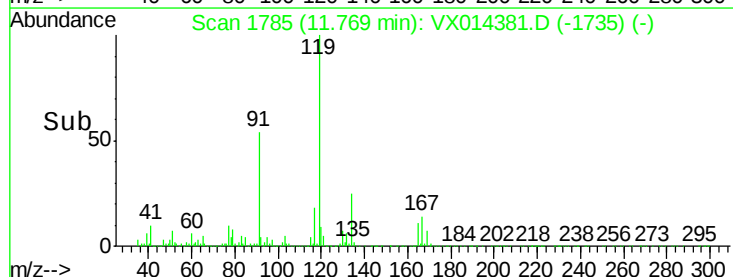
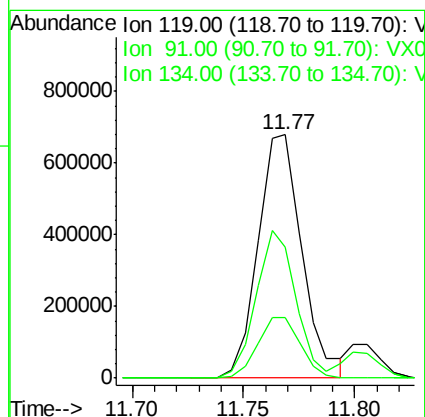
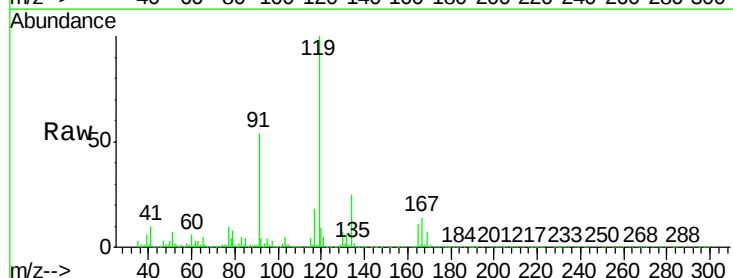
Tgt Ion: 119 Resp: 933152

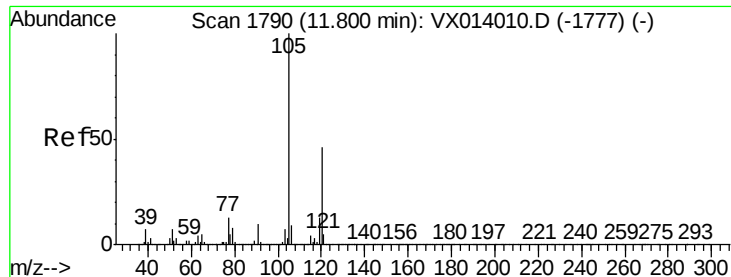
Ion Ratio Lower Upper

119 100

91 55.0 28.5 85.6

134 24.2 12.2 36.6

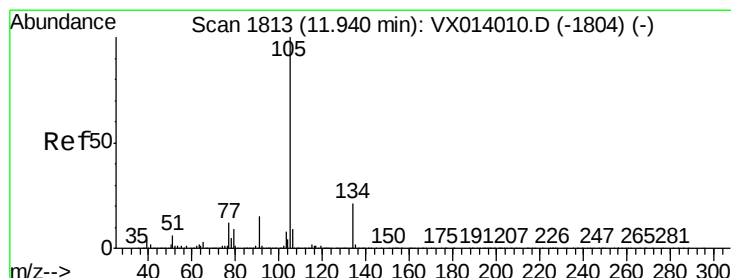
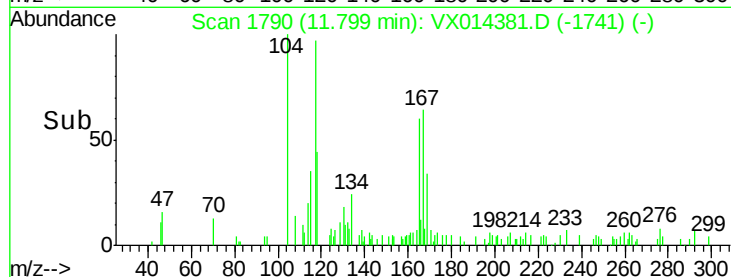
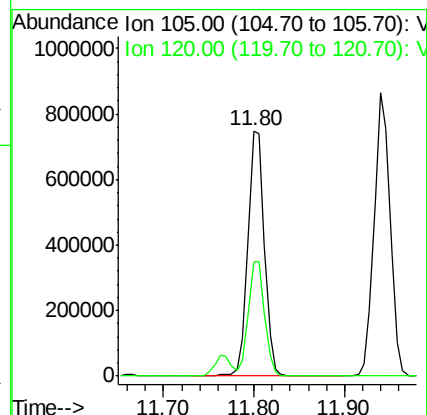
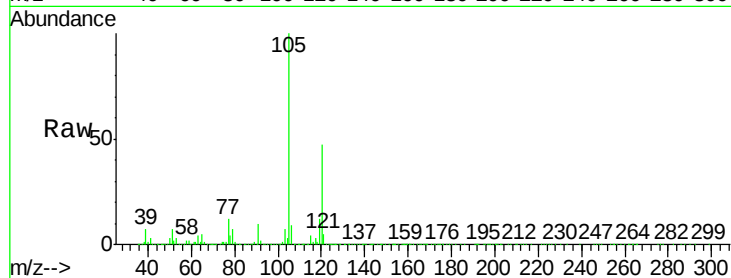




#84
 1,2,4-Trimethylbenzene
 Concen: 51.448 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX014381.D
 Acq: 31 Dec 2019 15:40

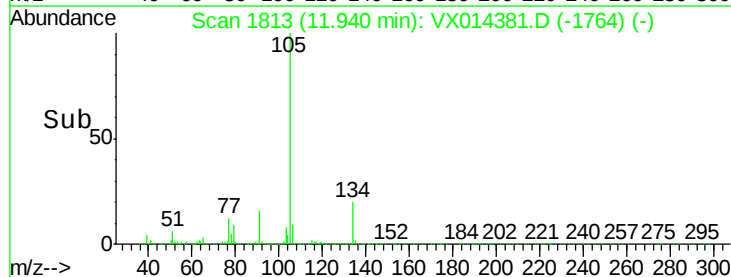
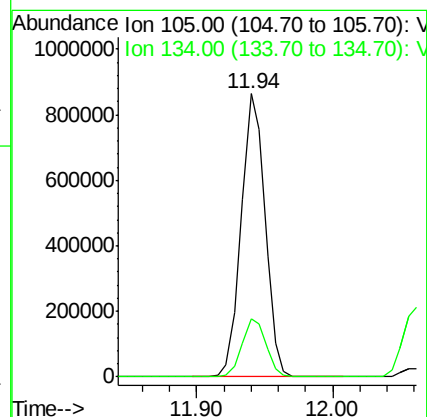
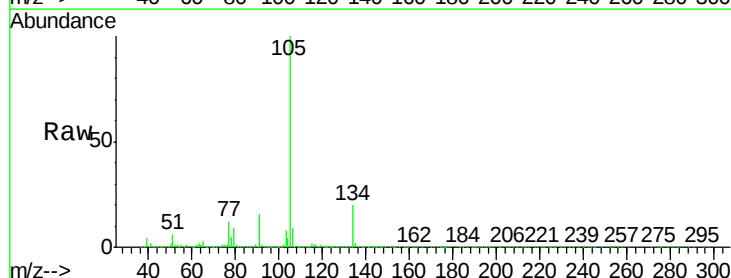
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-1MS

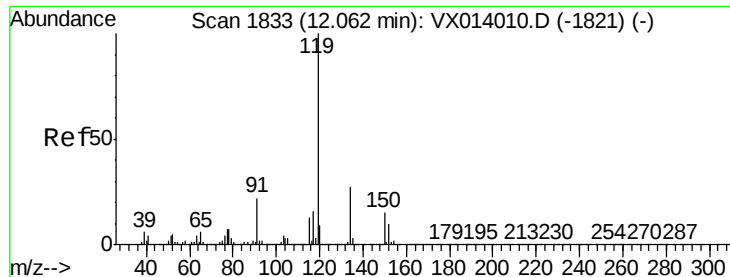
Tgt Ion:105 Resp: 942223
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 50.188 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX014381.D
 Acq: 31 Dec 2019 15:40

Tgt Ion:105 Resp: 1054447
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1

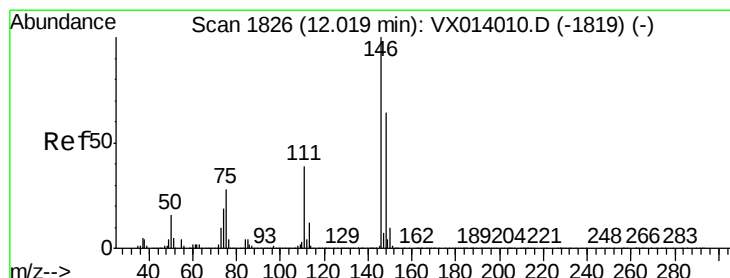
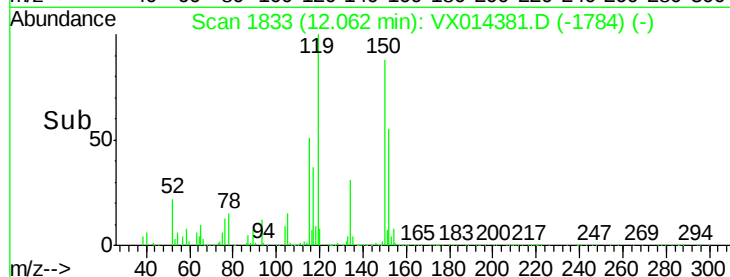
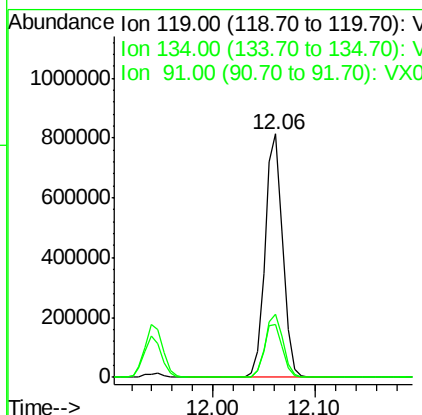
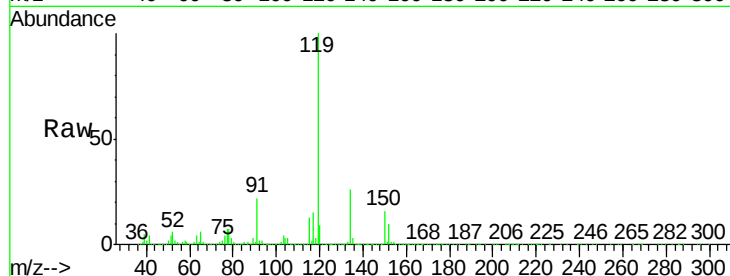




#86
p-Isopropyltoluene
Concen: 50.941 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX014381.D
Acq: 31 Dec 2019 15:40

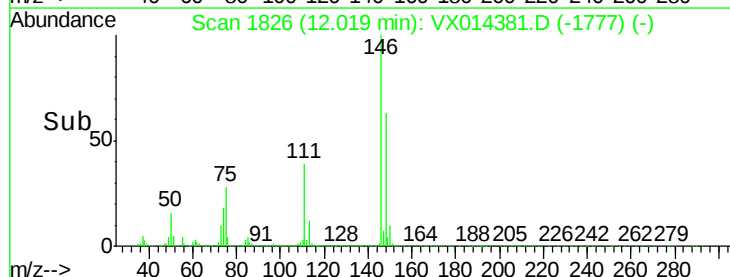
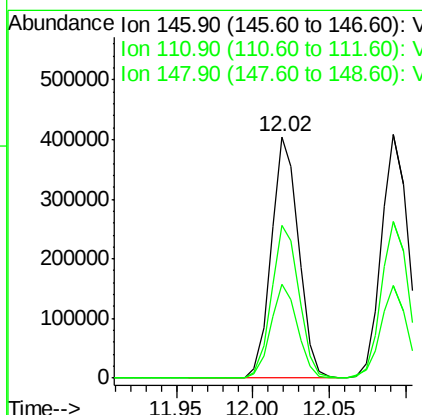
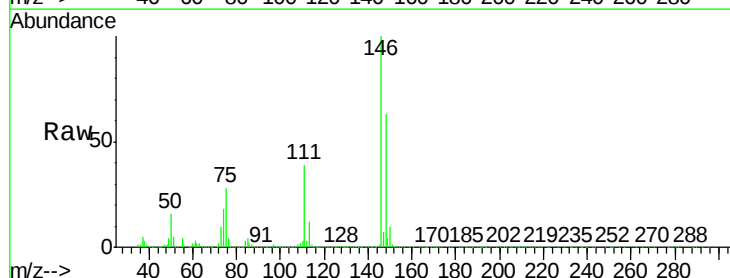
Instrument :
MSVOA_X
ClientSampleId :
GW-1MS

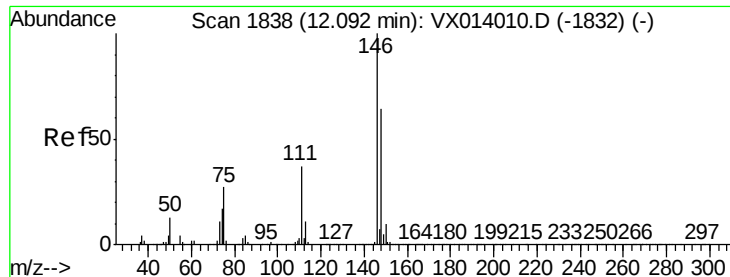
Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.4	40.1
91	22.6	11.4	34.1



#87
1,3-Dichlorobenzene
Concen: 47.849 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VX014381.D
Acq: 31 Dec 2019 15:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.1
148	64.1	32.3	96.9

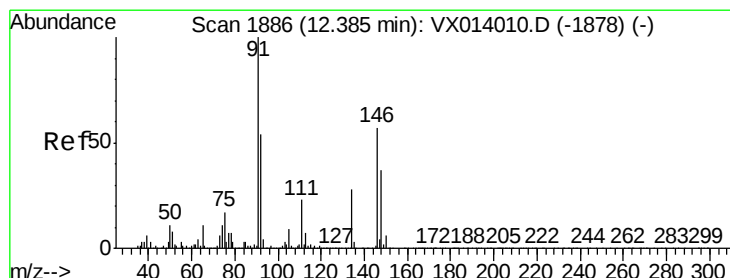
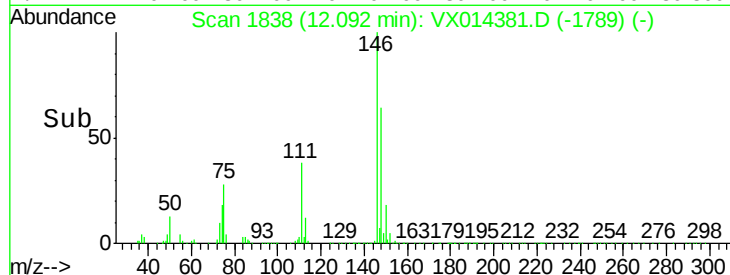
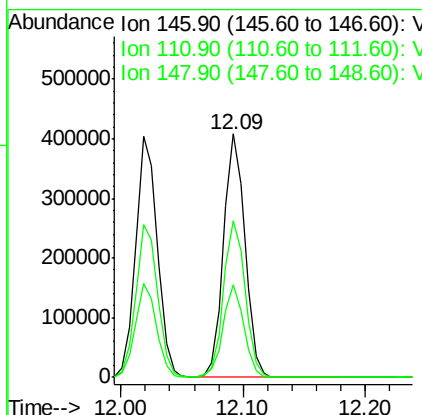
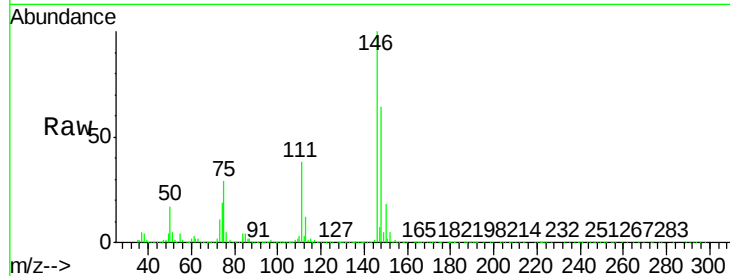




#88
 1,4-Dichlorobenzene
 Concen: 46.496 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014381.D
 Acq: 31 Dec 2019 15:40

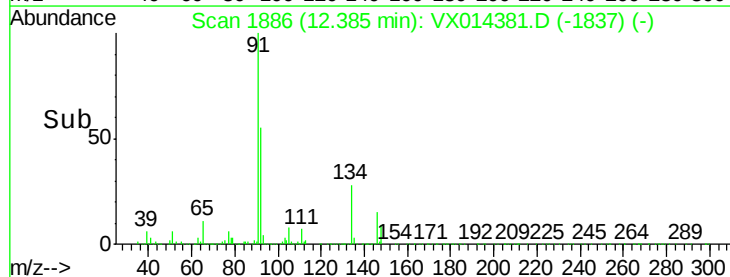
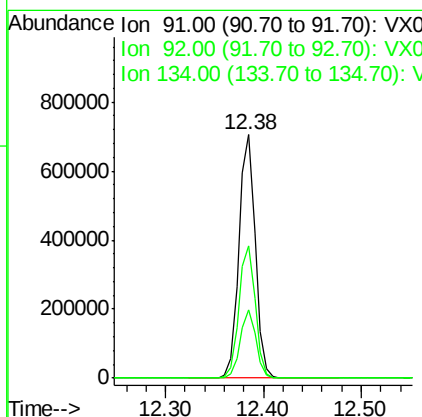
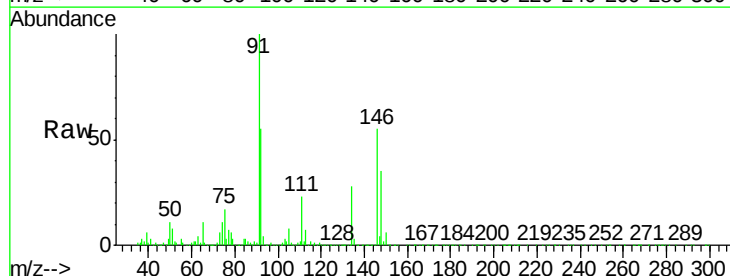
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-1MS

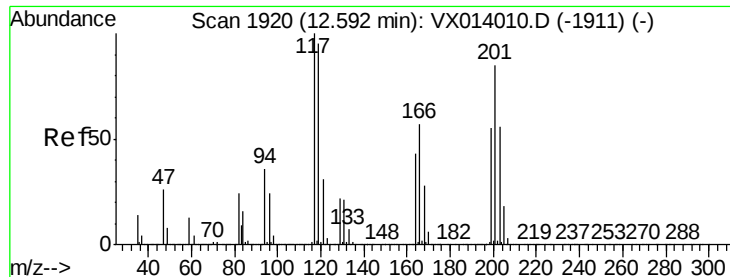
Tgt Ion: 146 Resp: 495384
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.7 56.1
 148 64.8 31.9 95.9



#89
 n-Butylbenzene
 Concen: 49.562 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014381.D
 Acq: 31 Dec 2019 15:40

Tgt Ion: 91 Resp: 812740
 Ion Ratio Lower Upper
 91 100
 92 54.8 27.2 81.6
 134 27.2 13.4 40.1

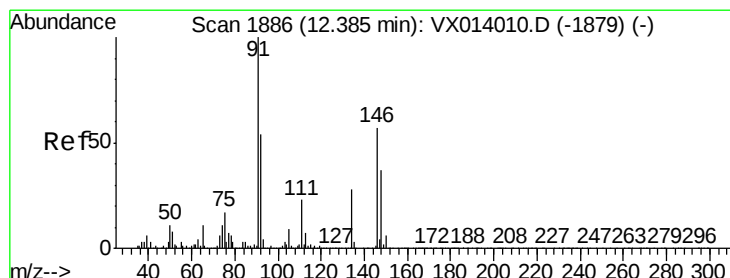
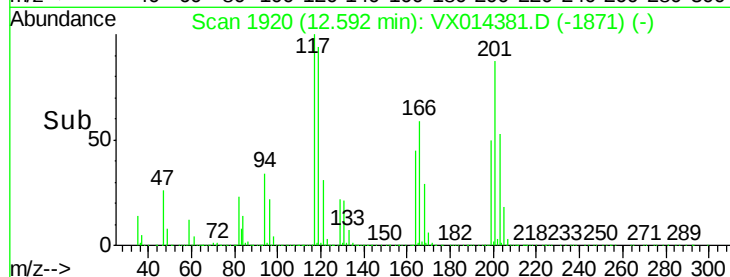
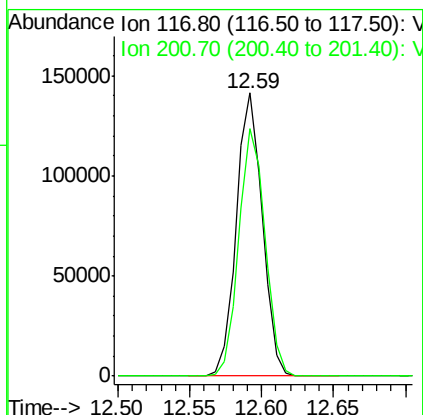
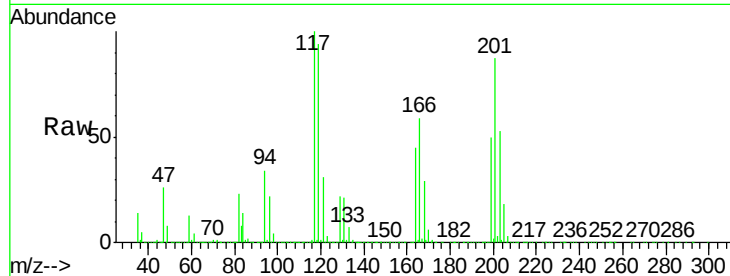




#90
Hexachloroethane
Concen: 51.381 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014381.D
Acq: 31 Dec 2019 15:40

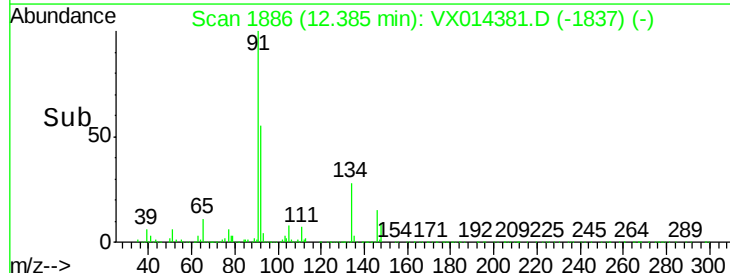
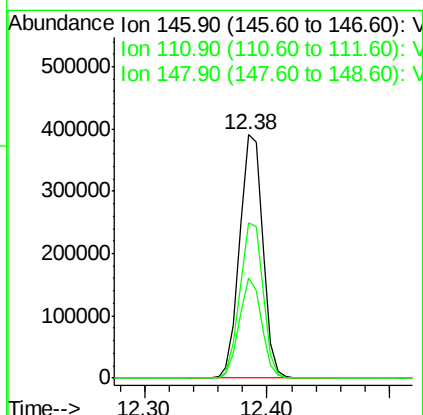
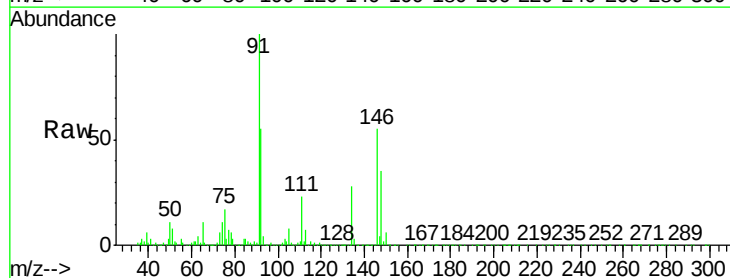
Instrument :
MSVOA_X
ClientSampleId :
GW-1MS

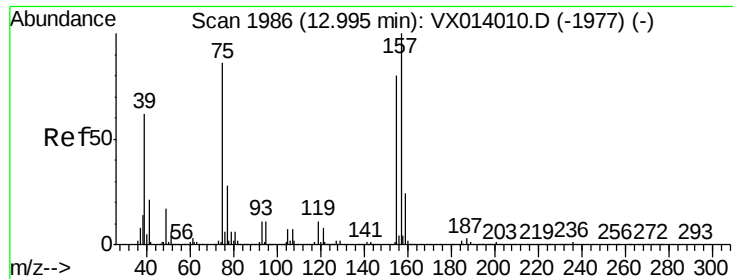
Tgt Ion:117 Resp: 177366
Ion Ratio Lower Upper
117 100
201 88.6 43.1 129.3



#91
1,2-Dichlorobenzene
Concen: 48.195 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014381.D
Acq: 31 Dec 2019 15:40

Tgt Ion:146 Resp: 508363
Ion Ratio Lower Upper
146 100
111 39.5 19.7 59.1
148 64.1 32.1 96.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.554 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

GW-1MS

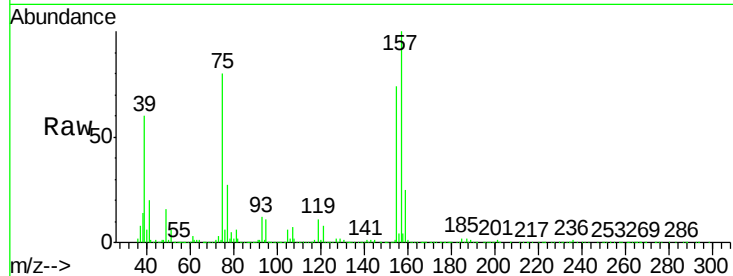
Tgt Ion: 75 Resp: 85947

Ion Ratio Lower Upper

75 100

155 97.6 46.9 140.6

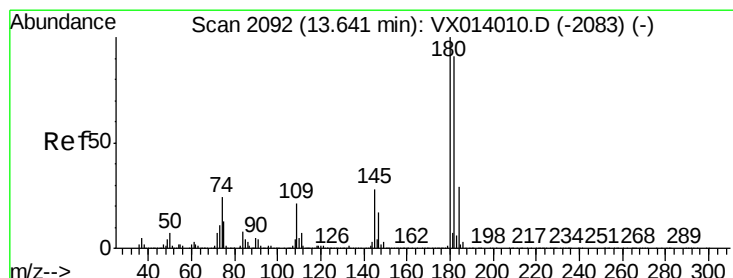
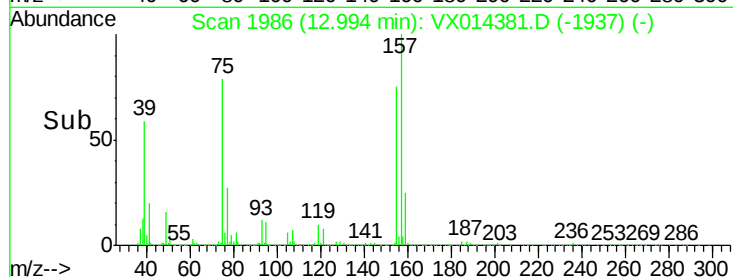
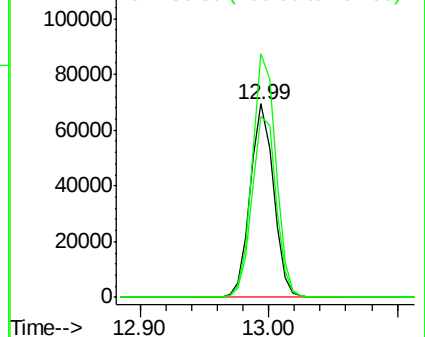
157 127.2 60.8 182.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 47.563 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

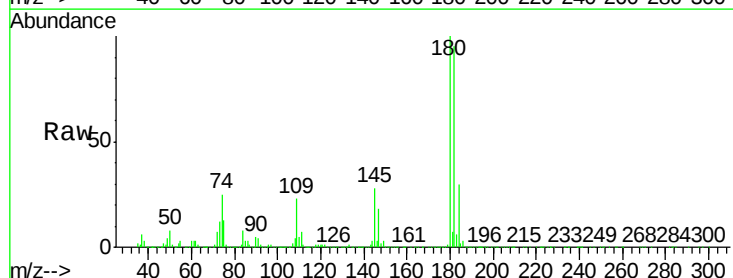
Tgt Ion: 180 Resp: 326079

Ion Ratio Lower Upper

180 100

182 95.0 46.6 139.8

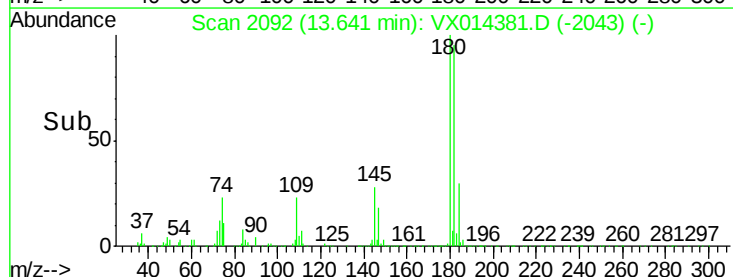
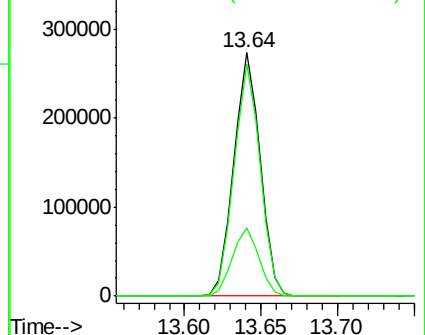
145 28.6 14.2 42.6

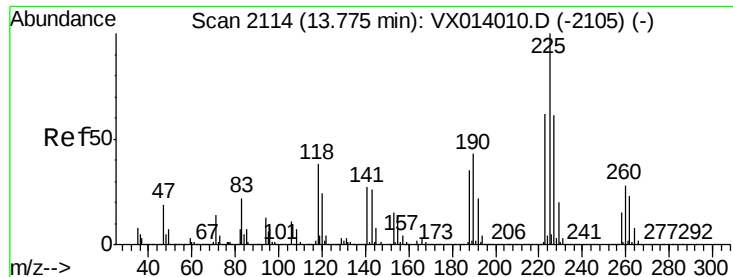


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 46.358 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

GW-1MS

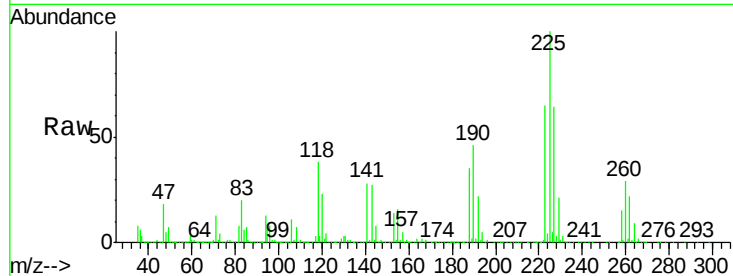
Tgt Ion:225 Resp: 152743

Ion Ratio Lower Upper

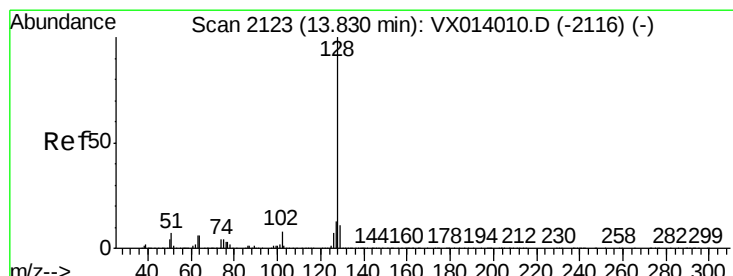
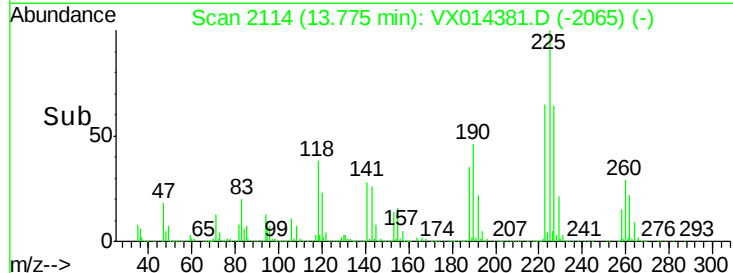
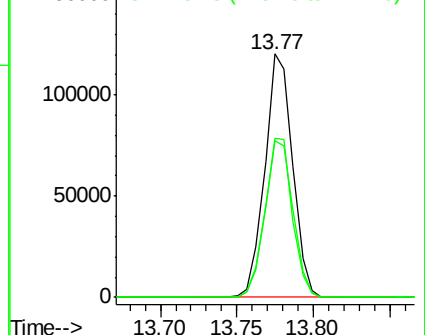
225 100

223 64.9 30.9 92.5

227 65.1 30.9 92.7



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 53.010 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX014381.D

Acq: 31 Dec 2019 15:40

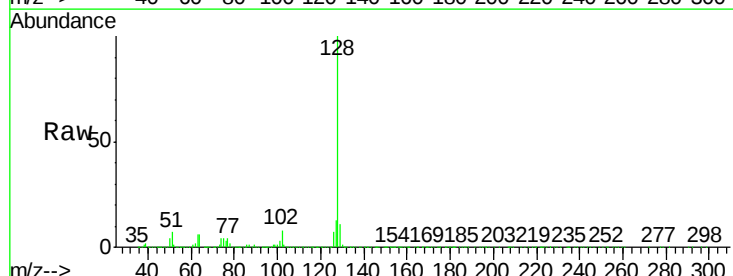
Tgt Ion:128 Resp: 1067746

Ion Ratio Lower Upper

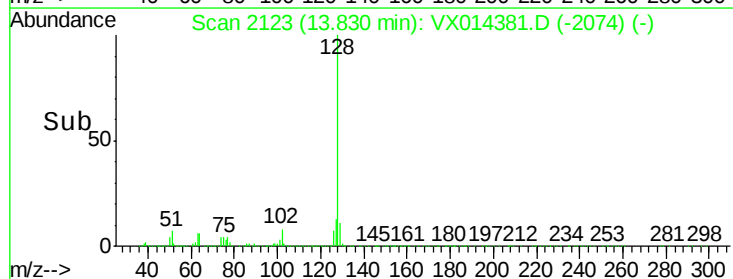
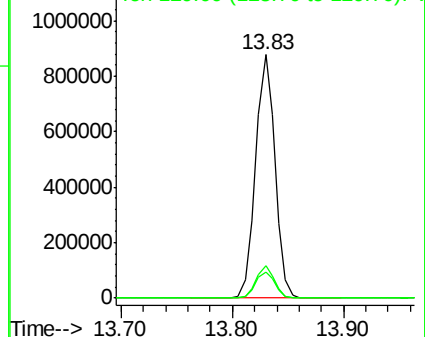
128 100

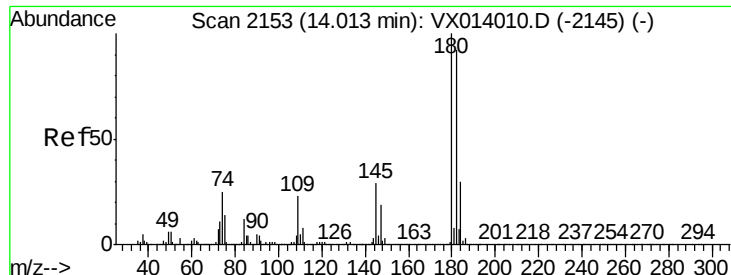
127 12.7 10.2 15.4

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

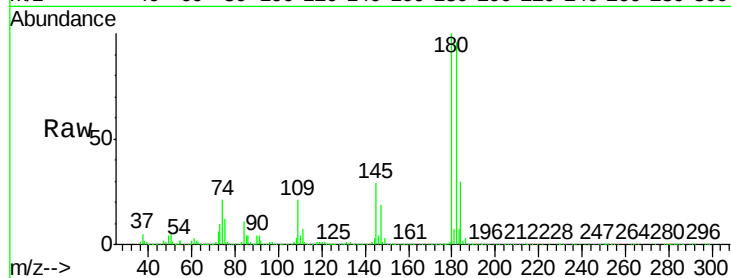




#96
 1,2,3-Trichlorobenzene
 Concen: 48.941 ug/l
 RT: 14.02 min Scan# 2154
 Delta R.T. 0.01 min
 Lab File: VX014381.D
 Acq: 31 Dec 2019 15:40

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-1MS

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.8	140.3
145	30.2	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

