

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122019\
 Data File : VX014165.D
 Acq On : 20 Dec 2019 11:36
 Operator : JC/SP
 Sample : VX1220WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01

Quant Time: Dec 20 22:24:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	682101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1021152	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	918777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	466485	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	386941	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
35) Dibromofluoromethane	5.48	113	321289	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
50) Toluene-d8	8.71	98	1243555	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.13	95	445798	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	115610	18.945	ug/l 97
3) Chloromethane	1.32	50	149454	18.250	ug/l 98
4) Vinyl Chloride	1.40	62	162956	18.858	ug/l 99
5) Bromomethane	1.63	94	107705	17.561	ug/l 99
6) Chloroethane	1.72	64	105945	19.865	ug/l 94
7) Trichlorofluoromethane	1.92	101	214199	20.024	ug/l 98
8) Diethyl Ether	2.18	74	97055	19.332	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	130305	20.208	ug/l 99
10) Methyl Iodide	2.50	142	128645	16.956	ug/l 99
11) Tert butyl alcohol	3.02	59	156332	93.588	ug/l 99
12) 1,1-Dichloroethene	2.36	96	124767	19.015	ug/l 98
13) Acrolein	2.28	56	100236	104.827	ug/l 98
14) Allyl chloride	2.72	41	224303	19.146	ug/l 98
15) Acrylonitrile	3.12	53	374989	96.179	ug/l 100
16) Acetone	2.43	43	365385	72.802	ug/l 100
17) Carbon Disulfide	2.56	76	338943	19.078	ug/l 100
18) Methyl Acetate	2.76	43	190607	19.166	ug/l 100
19) Methyl tert-butyl Ether	3.18	73	431601	20.018	ug/l 98
20) Methylene Chloride	2.84	84	150439	19.035	ug/l 99
21) trans-1,2-Dichloroethene	3.15	96	136173	18.838	ug/l 98
22) Diisopropyl ether	3.84	45	465728	19.950	ug/l 96
23) Vinyl Acetate	3.80	43	1977797	103.815	ug/l 99
24) 1,1-Dichloroethane	3.69	63	251102	19.333	ug/l 100
25) 2-Butanone	4.65	43	543150	87.779	ug/l 100
26) 2,2-Dichloropropane	4.57	77	202692	20.100	ug/l 99
27) cis-1,2-Dichloroethene	4.58	96	159147	19.467	ug/l 99
28) Bromochloromethane	5.00	49	101627	20.614	ug/l 99
29) Tetrahydrofuran	5.11	42	336944	97.357	ug/l 99
30) Chloroform	5.20	83	244654	19.870	ug/l 99
31) Cyclohexane	5.57	56	230099	19.919	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	207397	19.764	ug/l 99
36) 1,1-Dichloropropene	5.79	75	187049	19.963	ug/l 97
37) Ethyl Acetate	4.81	43	202444	19.566	ug/l 98
38) Carbon Tetrachloride	5.78	117	174890	20.489	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	236036	20.402	ug/l	98
40) Benzene	6.13	78	574035	19.912	ug/l	96
41) Methacrylonitrile	5.02	41	116130	20.229	ug/l	97
42) 1,2-Dichloroethane	6.18	62	196557	20.113	ug/l	99
43) Isopropyl Acetate	6.43	43	341538	19.946	ug/l	99
44) Trichloroethene	7.20	130	160455	20.150	ug/l	98
45) 1,2-Dichloropropane	7.50	63	150152	20.320	ug/l	99
46) Dibromomethane	7.65	93	95516	19.551	ug/l	99
47) Bromodichloromethane	7.89	83	185666	20.179	ug/l	96
48) Methyl methacrylate	7.76	41	164781	19.652	ug/l	100
49) 1,4-Dioxane	7.73	88	71207	417.310	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1053736	97.988	ug/l	99
52) Toluene	8.78	92	361480	19.837	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	207797	20.597	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	232236	20.662	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	143957	19.711	ug/l	98
56) Ethyl methacrylate	9.17	69	228014	19.875	ug/l	99
57) 1,3-Dichloropropane	9.36	76	246504	20.061	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	455135	104.834	ug/l	98
59) 2-Hexanone	9.48	43	803338	92.798	ug/l	100
60) Dibromochloromethane	9.57	129	150051	20.670	ug/l	99
61) 1,2-Dibromoethane	9.67	107	152578	20.419	ug/l	99
64) Tetrachloroethene	9.33	164	157825	19.413	ug/l	98
65) Chlorobenzene	10.13	112	390235	19.976	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	144165	20.668	ug/l	98
67) Ethyl Benzene	10.25	91	689827	20.539	ug/l	99
68) m/p-Xylenes	10.35	106	530062	41.034	ug/l	100
69) o-Xylene	10.70	106	253753	20.029	ug/l	98
70) Styrene	10.71	104	430933	20.115	ug/l	98
71) Bromoform	10.85	173	111290	19.849	ug/l #	100
73) Isopropylbenzene	11.01	105	678433	20.656	ug/l	100
74) N-amyl acetate	10.89	43	297128	19.300	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	221235	19.429	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	250582	24.743	ug/l	87
77) Bromobenzene	11.25	156	180107	19.931	ug/l	95
78) n-propylbenzene	11.35	91	770239	20.907	ug/l	100
79) 2-Chlorotoluene	11.42	91	459476	20.517	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	573554	20.750	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	69518	19.375	ug/l	98
82) 4-Chlorotoluene	11.51	91	526282	20.260	ug/l	99
83) tert-Butylbenzene	11.76	119	562717	20.919	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	571293	20.638	ug/l	100
85) sec-Butylbenzene	11.94	105	659765	20.776	ug/l	100
86) p-Isopropyltoluene	12.06	119	611008	21.034	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	315348	19.911	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	314906	19.555	ug/l	98
89) n-Butylbenzene	12.39	91	526259	21.232	ug/l	99
90) Hexachloroethane	12.59	117	104278	19.986	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	314293	19.713	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45702	18.137	ug/l	97

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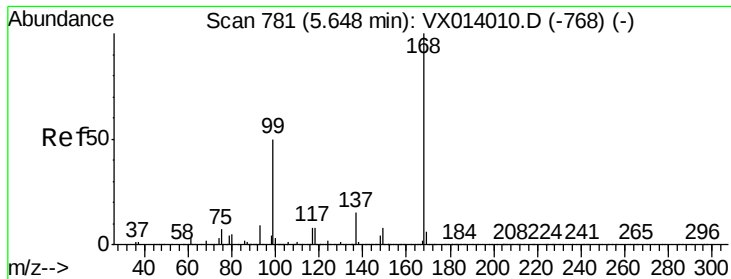
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	215739	20.820	ug/l	98
94) Hexachlorobutadiene	13.78	225	104183	20.920	ug/l	96
95) Naphthalene	13.83	128	627355	20.606	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	210277	20.557	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

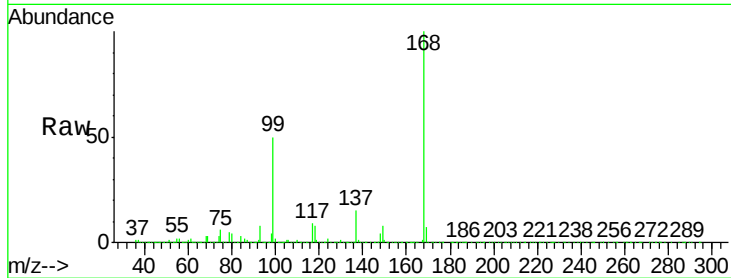
VX1220WBS01

Tgt Ion:168 Resp: 682101

Ion Ratio Lower Upper

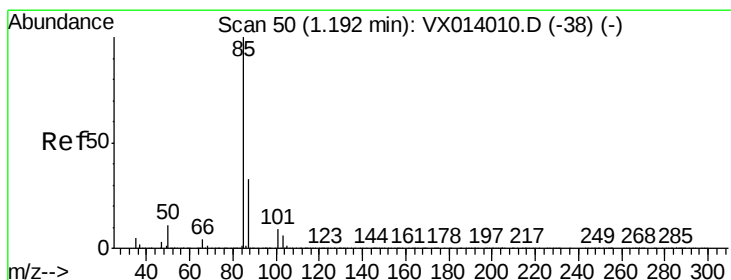
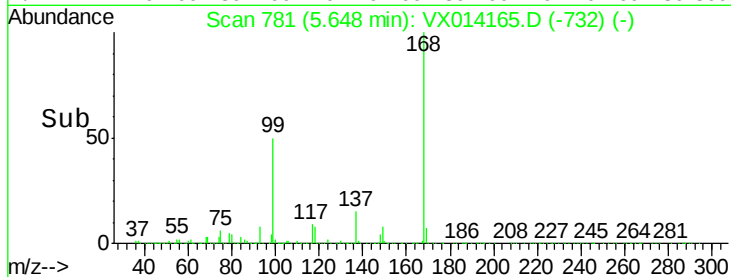
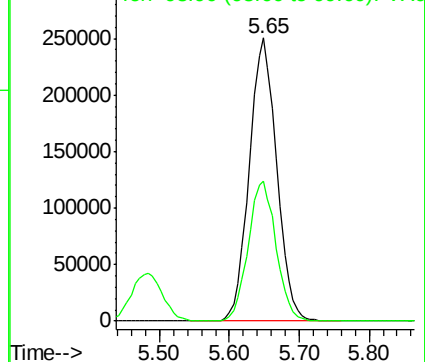
168 100

99 49.4 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.945 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014165.D

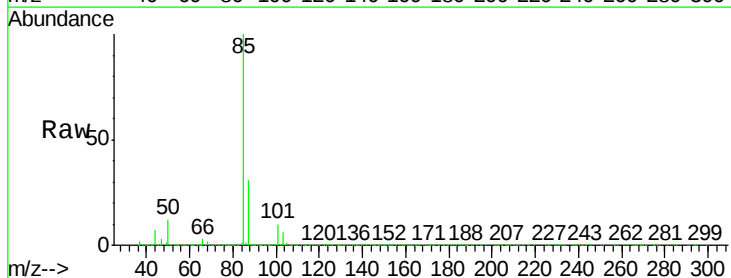
Acq: 20 Dec 2019 11:36

Tgt Ion: 85 Resp: 115610

Ion Ratio Lower Upper

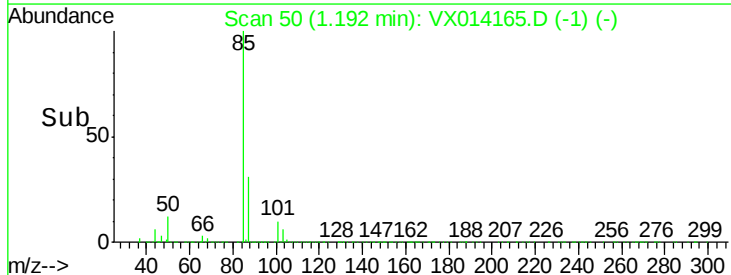
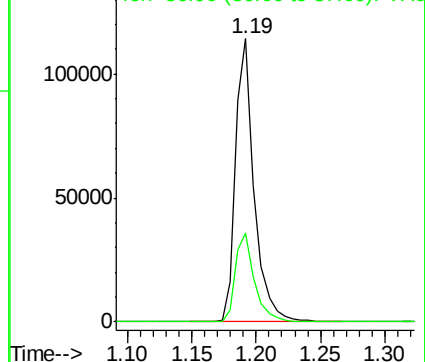
85 100

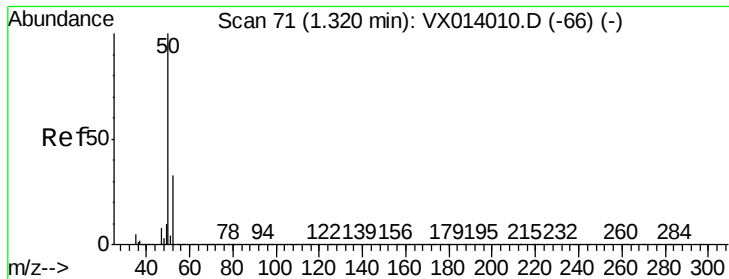
87 31.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

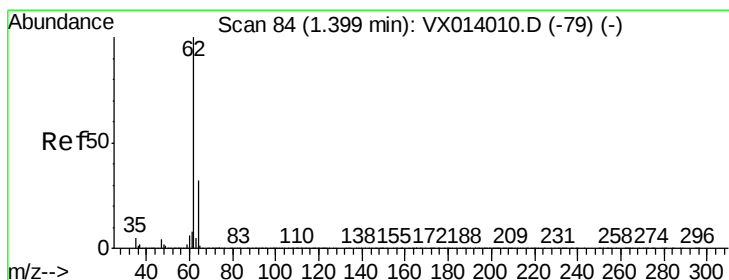
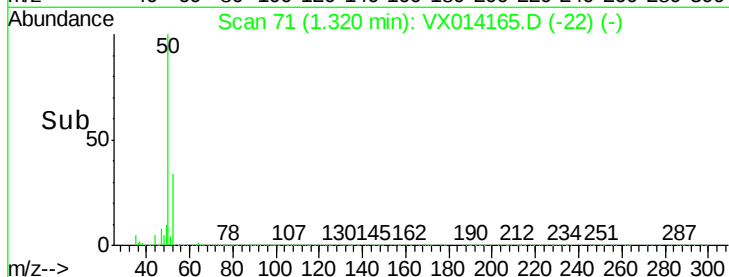
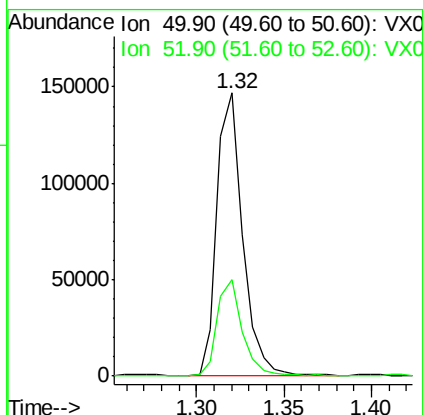
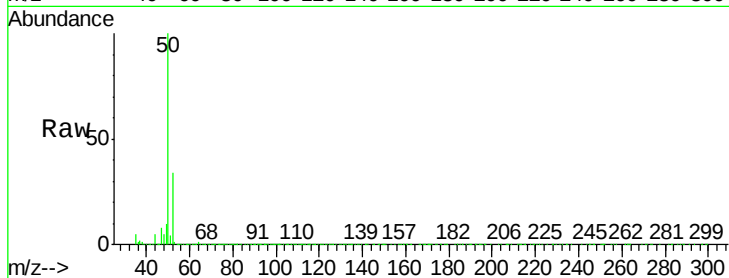




#3
Chloromethane
Concen: 18.250 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

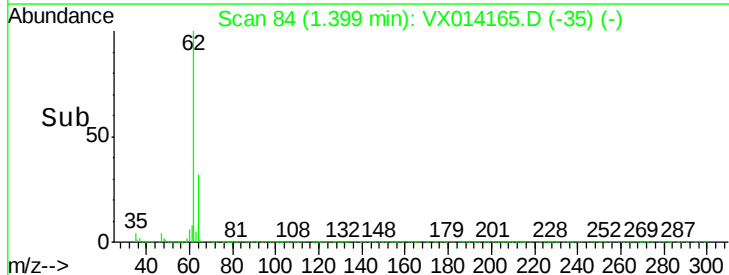
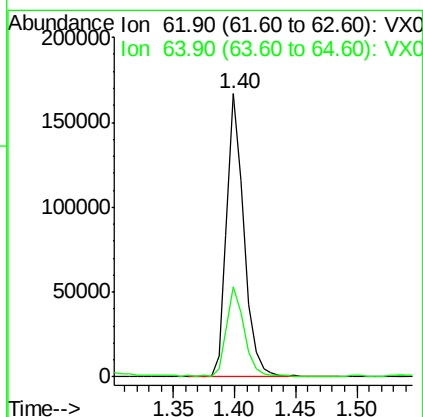
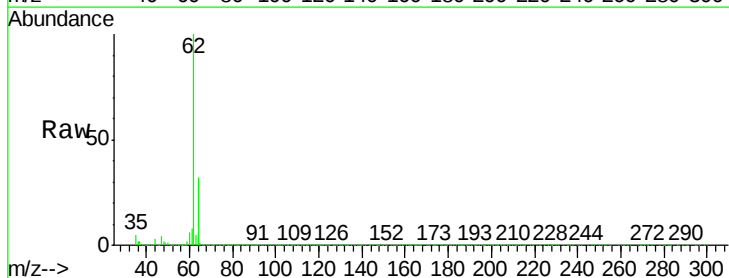
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

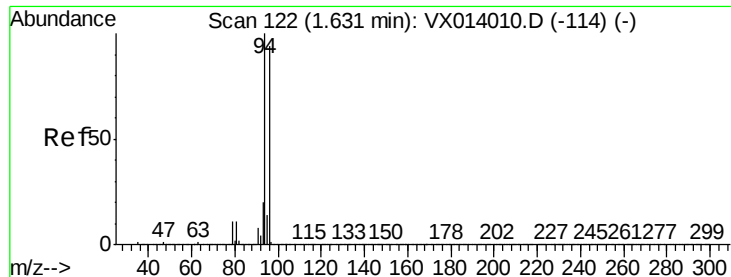
Tgt Ion: 50 Resp: 149454
Ion Ratio Lower Upper
50 100
52 33.8 26.2 39.4



#4
Vinyl Chloride
Concen: 18.858 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion: 62 Resp: 162956
Ion Ratio Lower Upper
62 100
64 31.6 25.7 38.5





#5

Bromomethane

Concen: 17.561 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

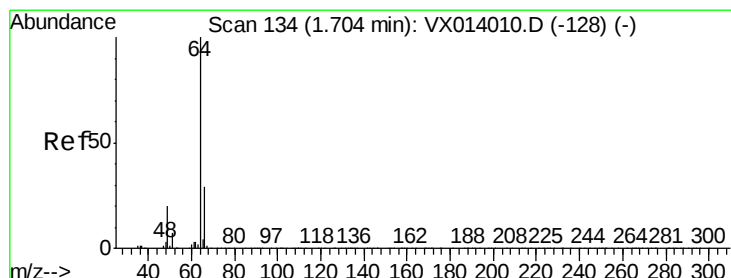
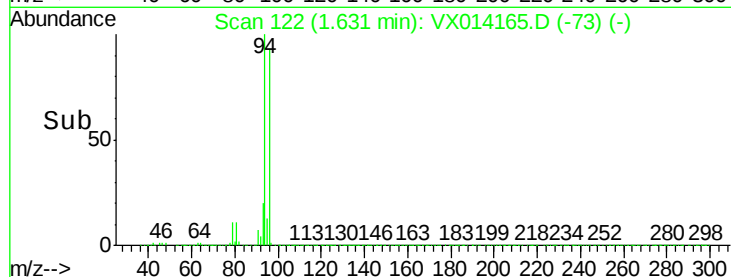
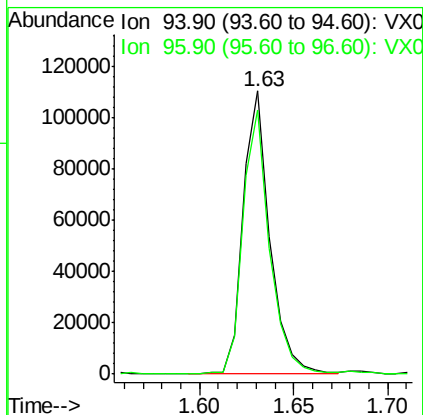
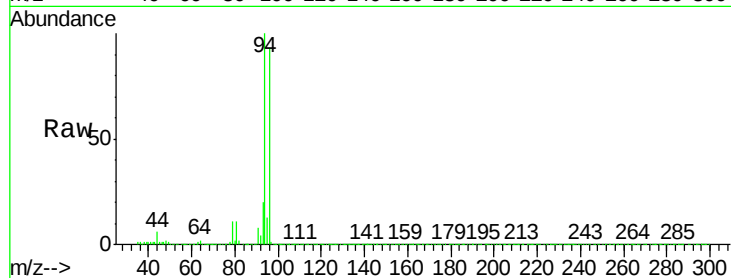
VX1220WBS01

Tgt Ion: 94 Resp: 107705

Ion Ratio Lower Upper

94 100

96 93.4 75.2 112.8



#6

Chloroethane

Concen: 19.865 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014165.D

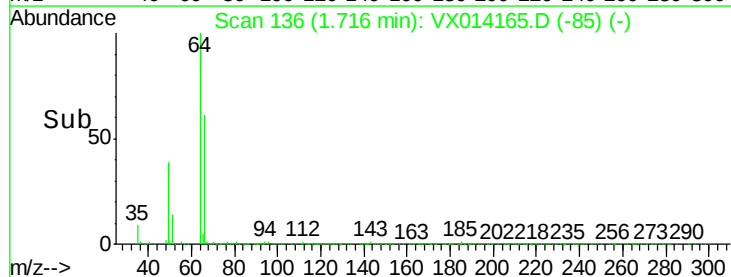
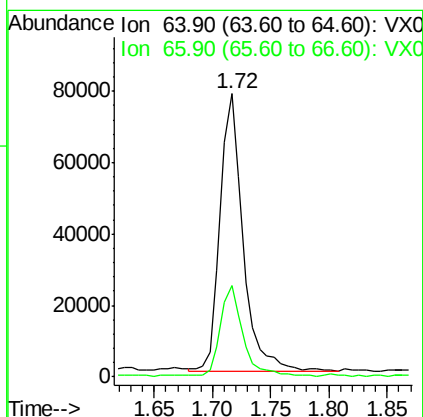
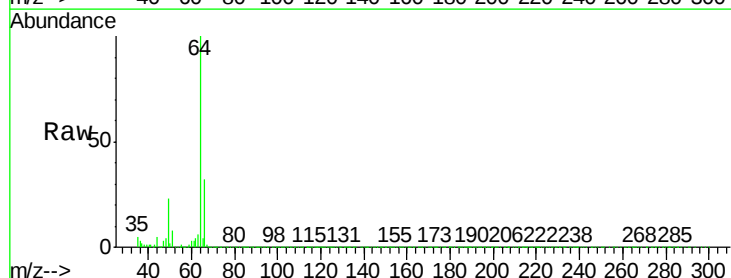
Acq: 20 Dec 2019 11:36

Tgt Ion: 64 Resp: 105945

Ion Ratio Lower Upper

64 100

66 32.3 23.4 35.2



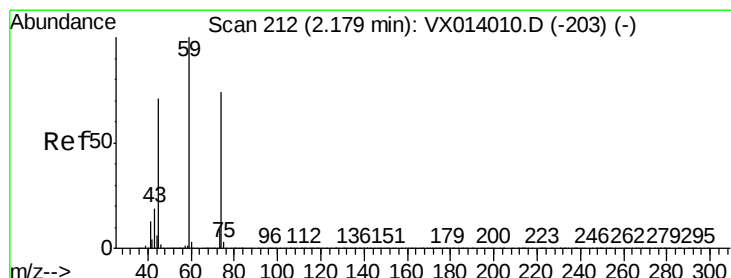
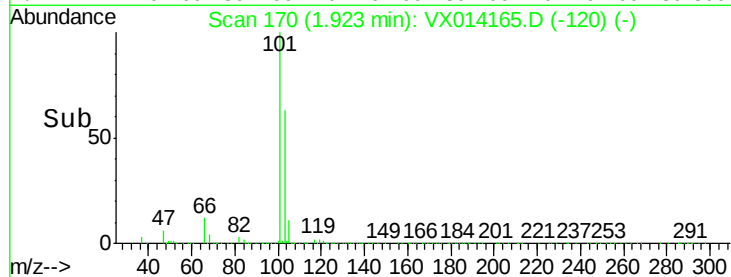
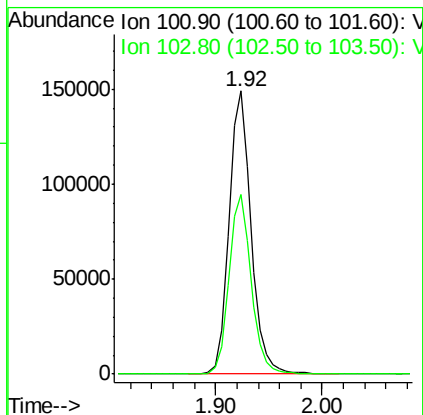
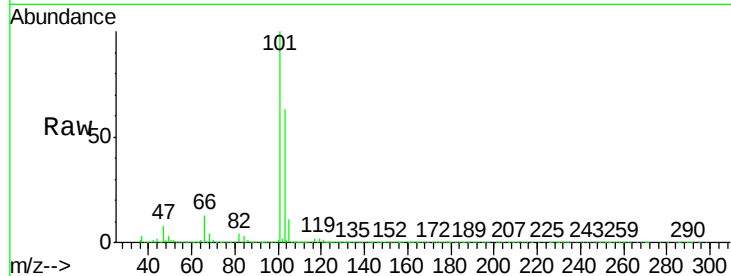


#7

Trichlorofluoromethane
Concen: 20.024 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

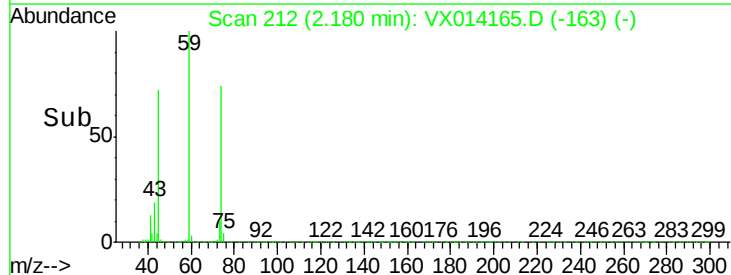
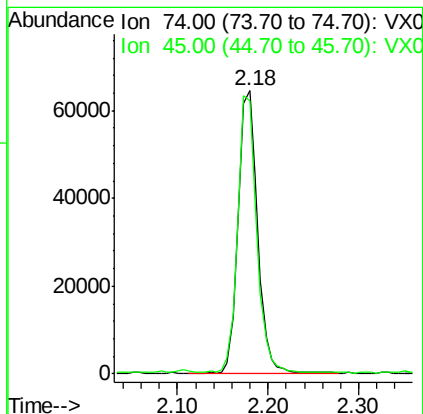
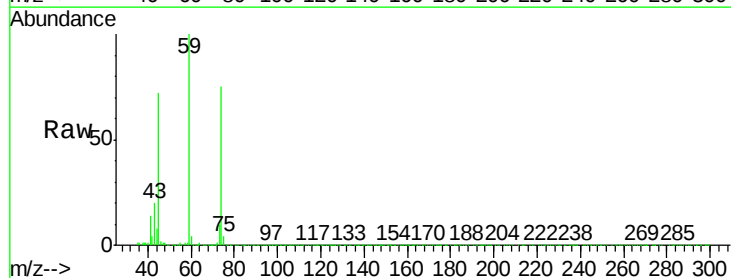
Tgt Ion:101 Resp: 214199
Ion Ratio Lower Upper
101 100
103 63.4 52.2 78.4



#8

Diethyl Ether
Concen: 19.332 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion: 74 Resp: 97055
Ion Ratio Lower Upper
74 100
45 94.2 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.208 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

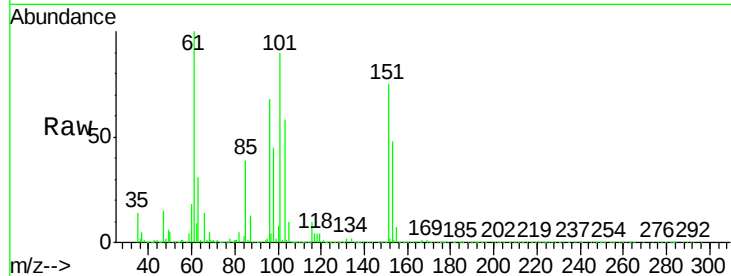
Tgt Ion:101 Resp: 130305

Ion Ratio Lower Upper

101 100

85 43.0 33.7 50.5

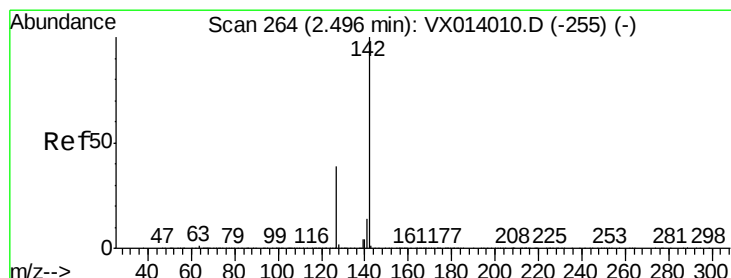
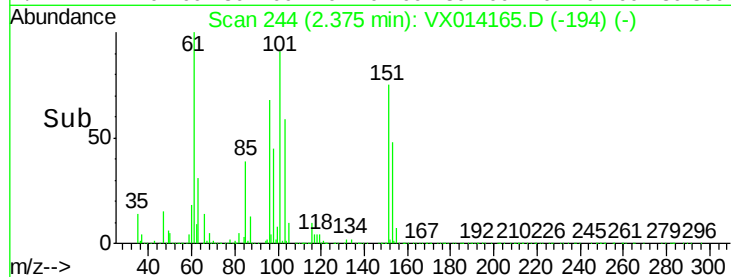
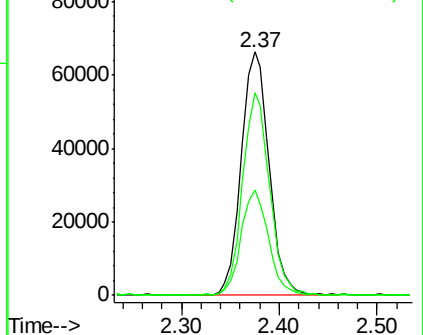
151 80.7 64.5 96.7



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: 16.956 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

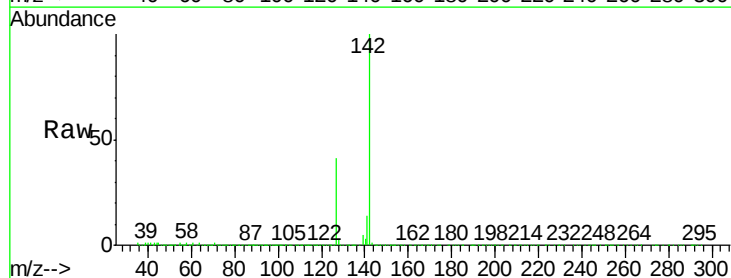
Tgt Ion:142 Resp: 128645

Ion Ratio Lower Upper

142 100

127 39.1 31.6 47.4

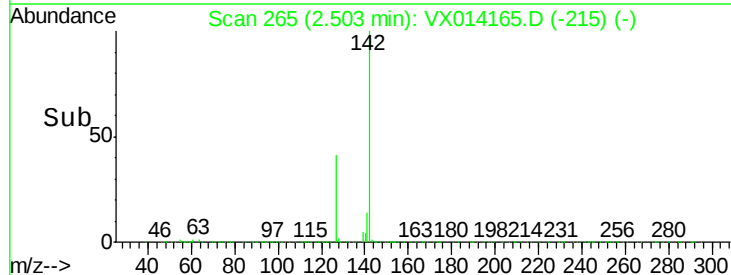
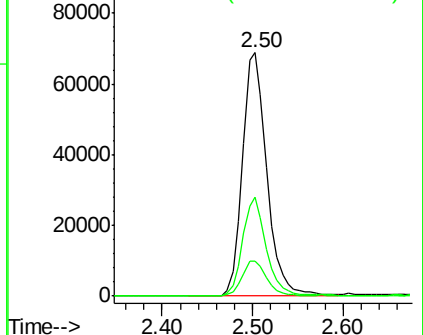
141 14.7 11.6 17.4

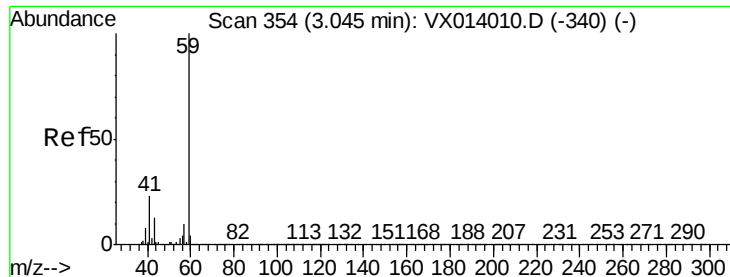


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

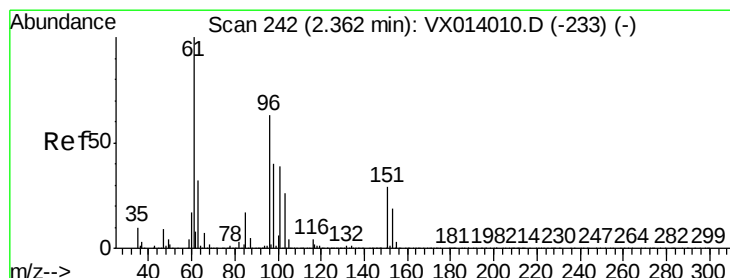
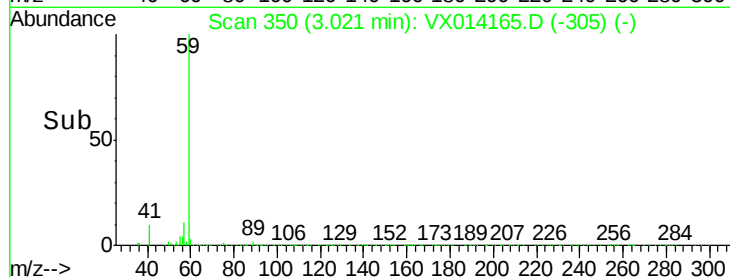
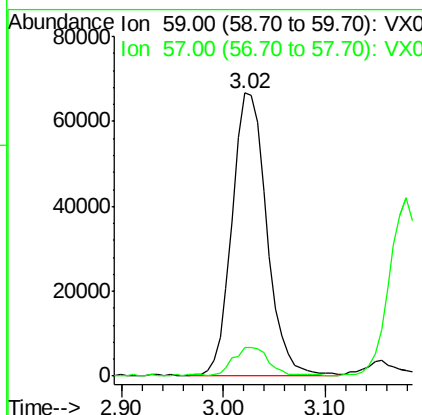
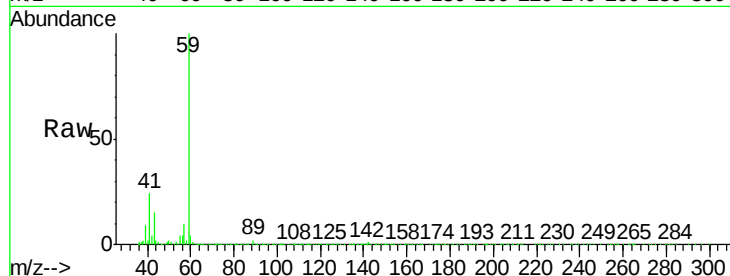




#11
Tert butyl alcohol
Concen: 93.588 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

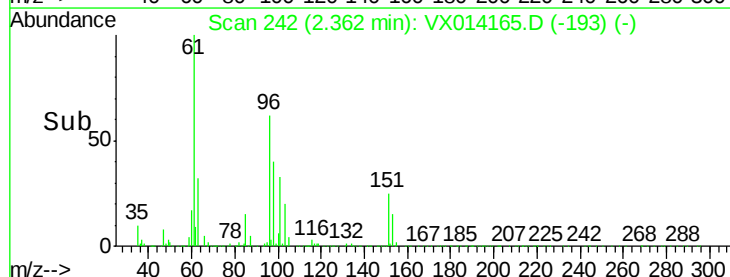
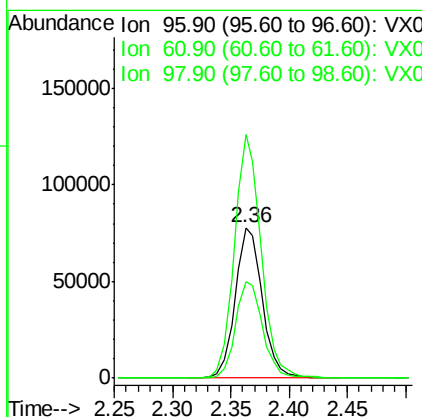
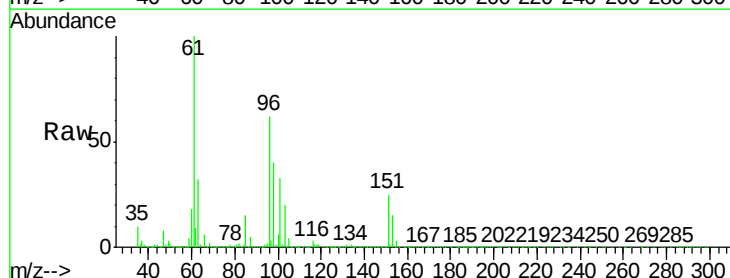
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tgt Ion: 59 Resp: 156332
Ion Ratio Lower Upper
59 100
57 10.0 8.4 12.6



#12
1,1-Dichloroethene
Concen: 19.015 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion: 96 Resp: 124767
Ion Ratio Lower Upper
96 100
61 161.9 127.9 191.9
98 64.5 50.5 75.7





#13

Acrolein

Concen: 104.827 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

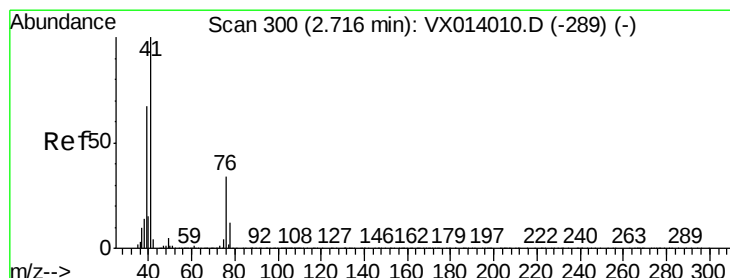
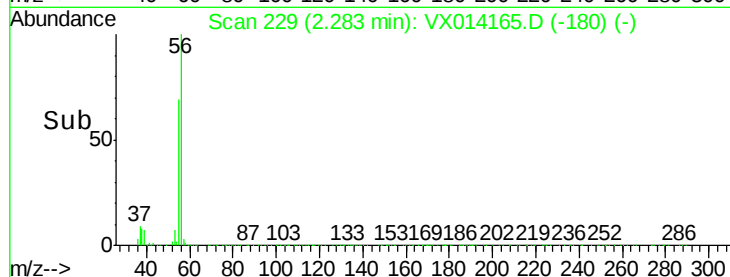
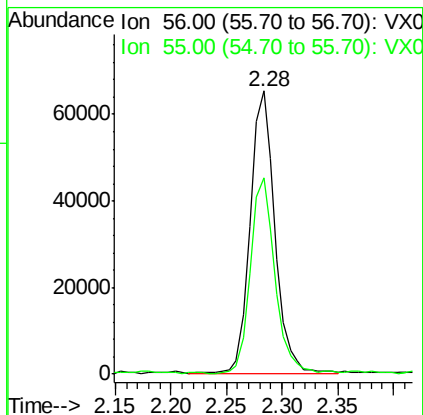
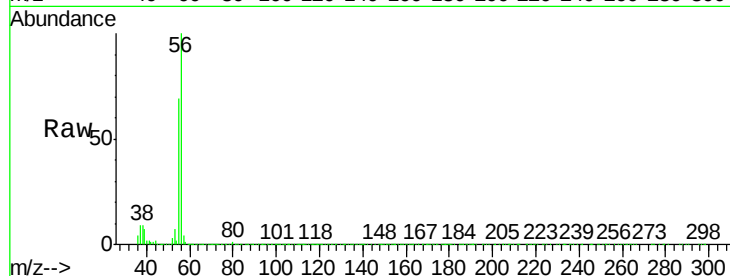
VX1220WBS01

Tgt Ion: 56 Resp: 100236

Ion Ratio Lower Upper

56 100

55 69.1 56.9 85.3



#14

Allyl chloride

Concen: 19.146 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

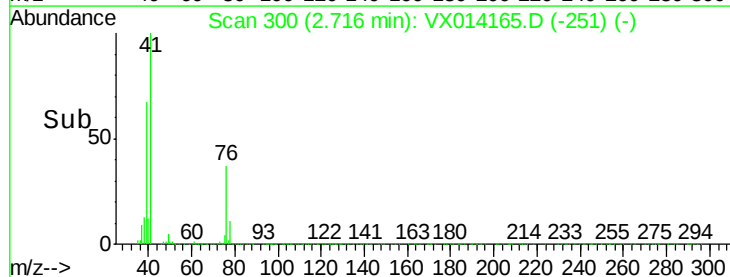
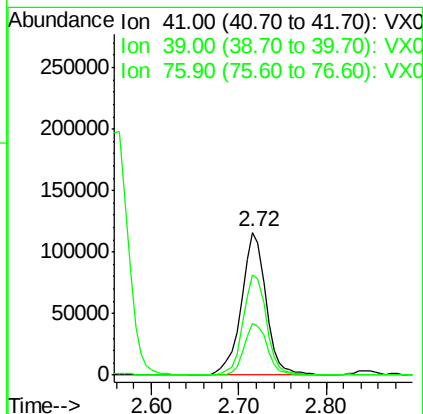
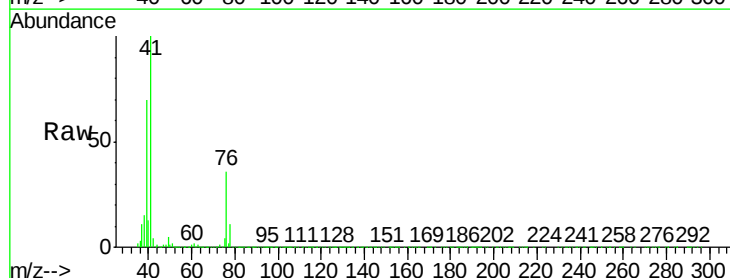
Tgt Ion: 41 Resp: 224303

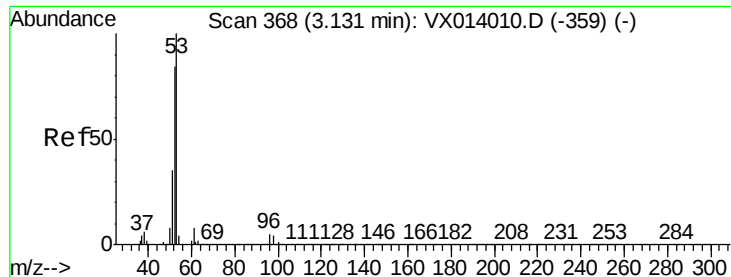
Ion Ratio Lower Upper

41 100

39 66.7 51.8 77.8

76 33.7 25.9 38.9





#15

Acrylonitrile

Concen: 96.179 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

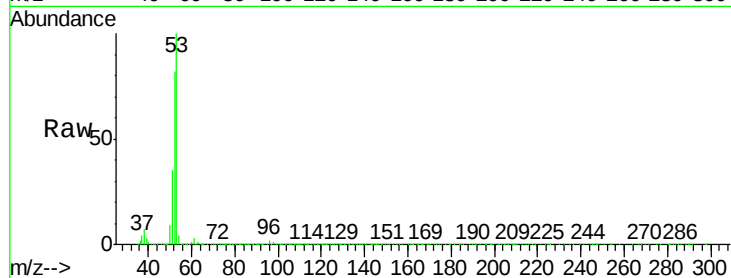
Tgt Ion: 53 Resp: 374989

Ion Ratio Lower Upper

53 100

52 83.1 66.5 99.7

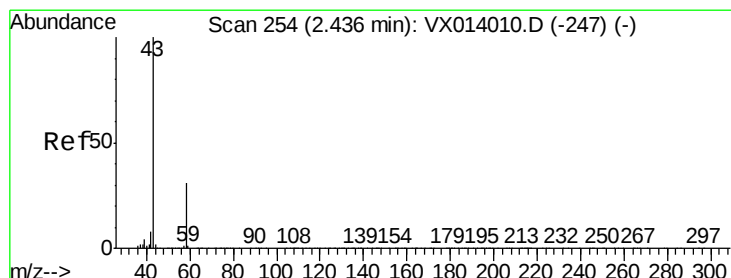
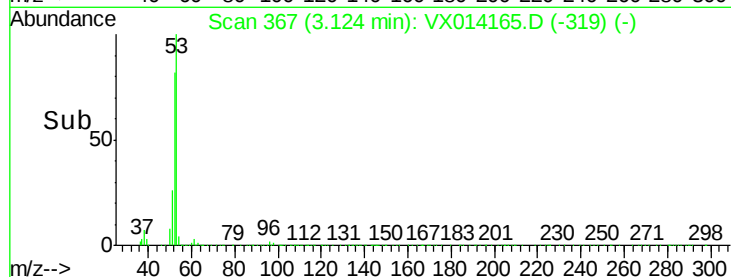
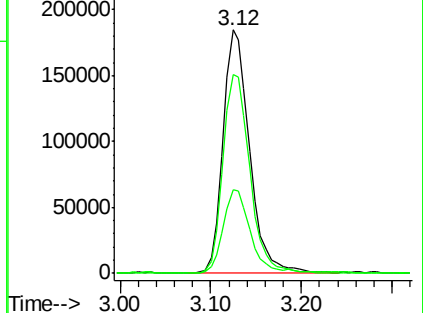
51 35.9 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 72.802 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014165.D

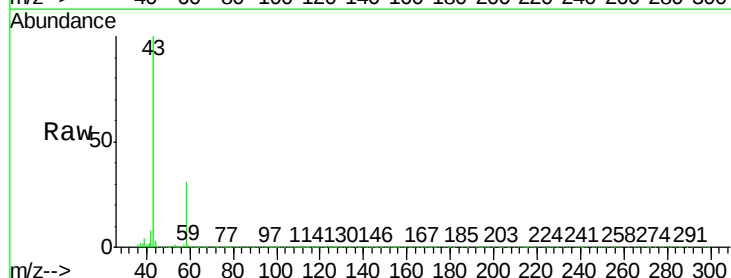
Acq: 20 Dec 2019 11:36

Tgt Ion: 43 Resp: 365385

Ion Ratio Lower Upper

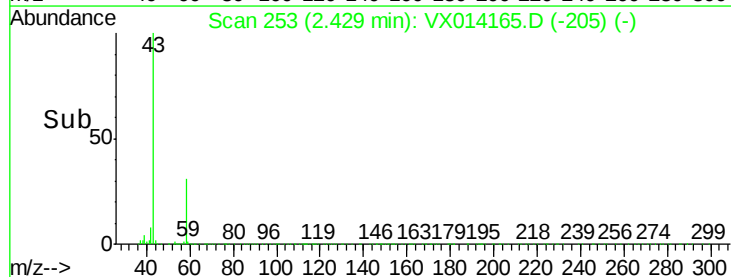
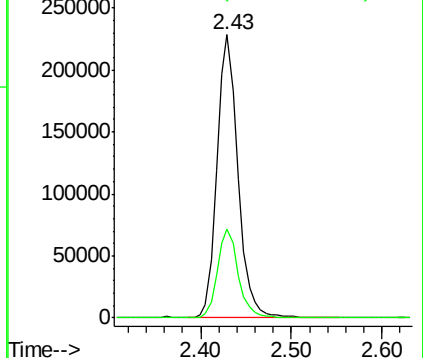
43 100

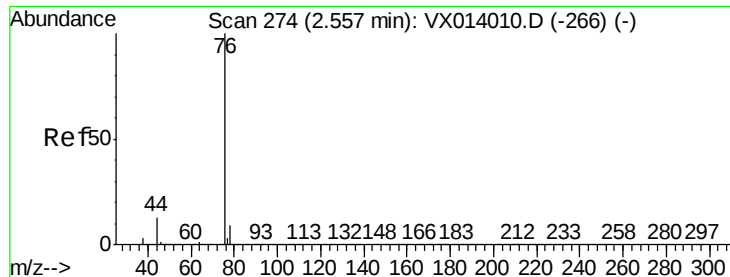
58 31.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.078 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

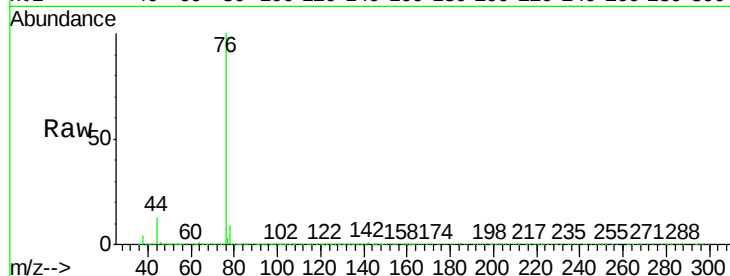
VX1220WBS01

Tgt Ion: 76 Resp: 338943

Ion Ratio Lower Upper

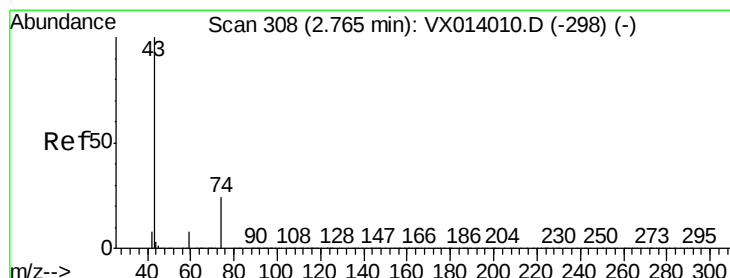
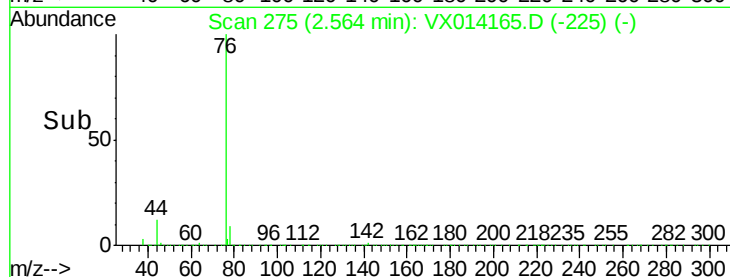
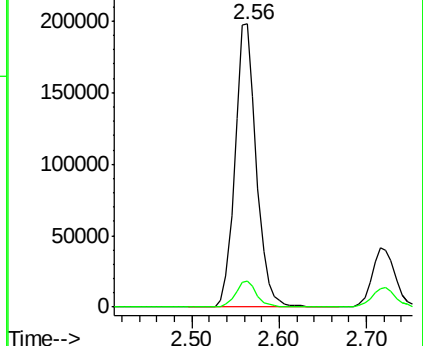
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.166 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014165.D

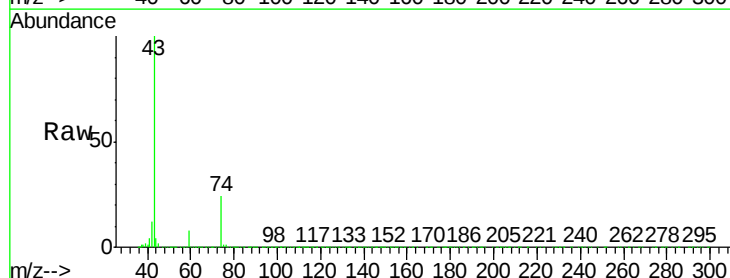
Acq: 20 Dec 2019 11:36

Tgt Ion: 43 Resp: 190607

Ion Ratio Lower Upper

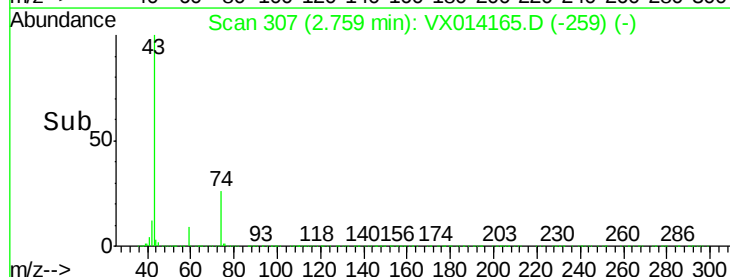
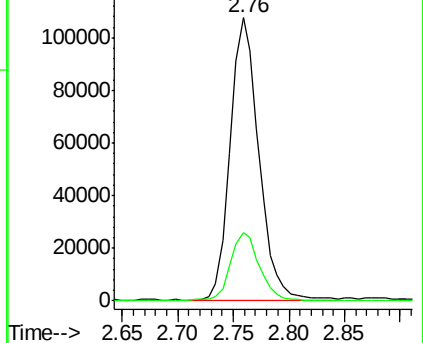
43 100

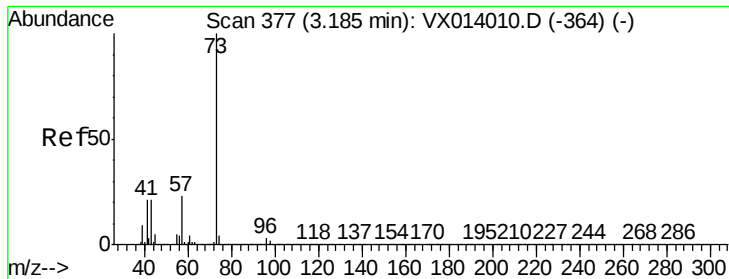
74 24.2 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



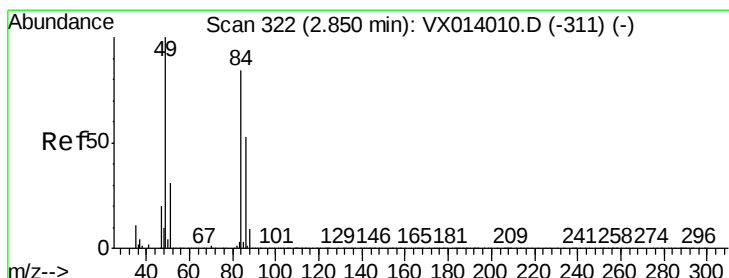
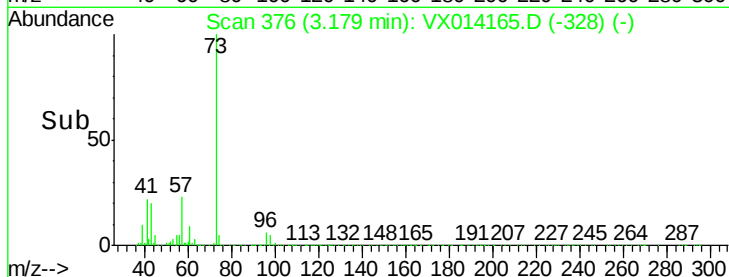
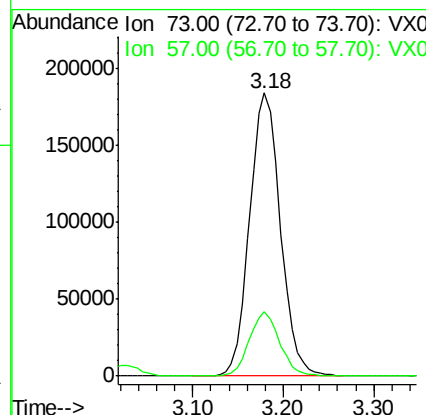
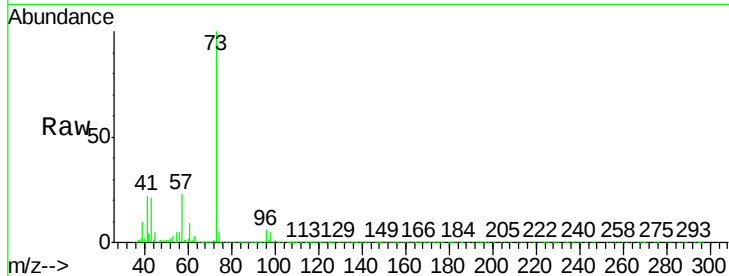


#19

Methyl tert-butyl Ether
 Concen: 20.018 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014165.D
 Acq: 20 Dec 2019 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01

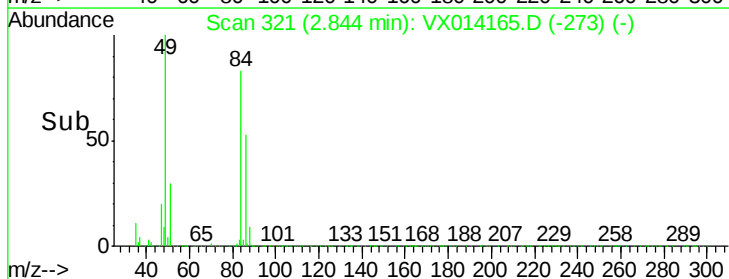
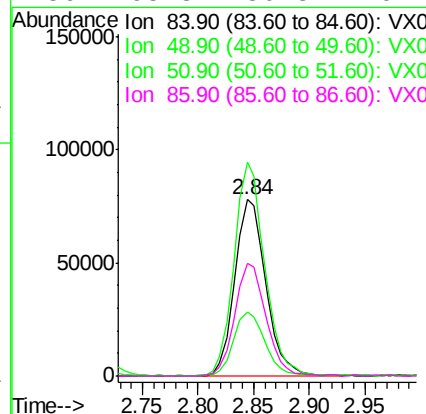
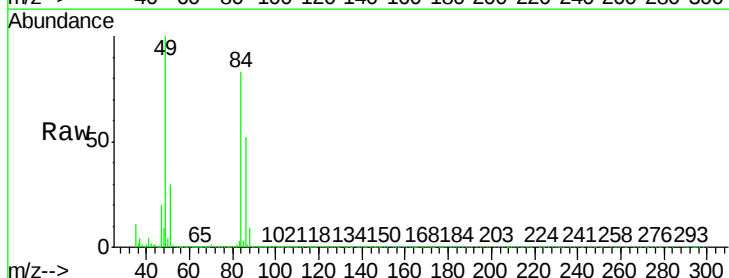
Tgt Ion: 73 Resp: 431601
 Ion Ratio Lower Upper
 73 100
 57 22.6 18.8 28.2



#20

Methylene Chloride
 Concen: 19.035 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014165.D
 Acq: 20 Dec 2019 11:36

Tgt Ion: 84 Resp: 150439
 Ion Ratio Lower Upper
 84 100
 49 121.1 95.8 143.6
 51 35.8 29.8 44.8
 86 63.3 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 18.838 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

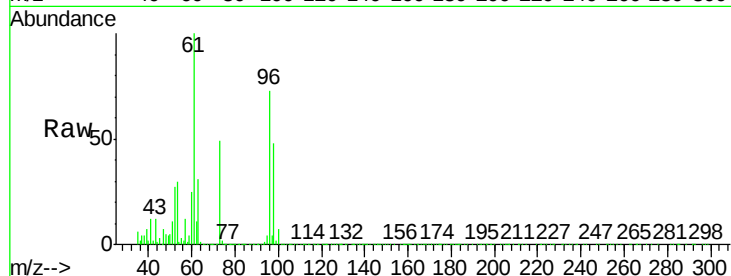
Tgt Ion: 96 Resp: 136173

Ion Ratio Lower Upper

96 100

61 136.7 108.3 162.5

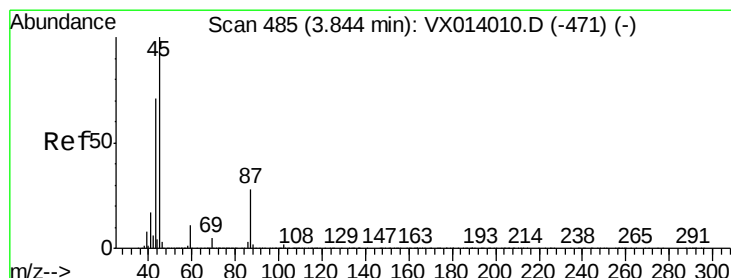
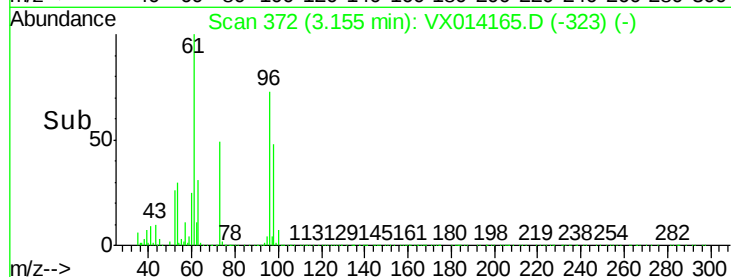
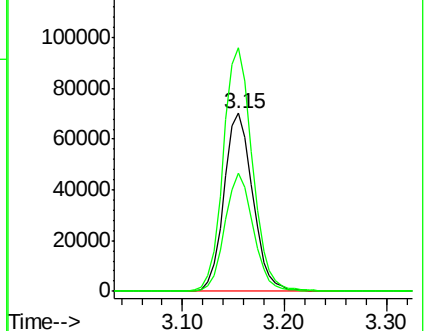
98 66.2 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.950 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Tgt Ion: 45 Resp: 465728

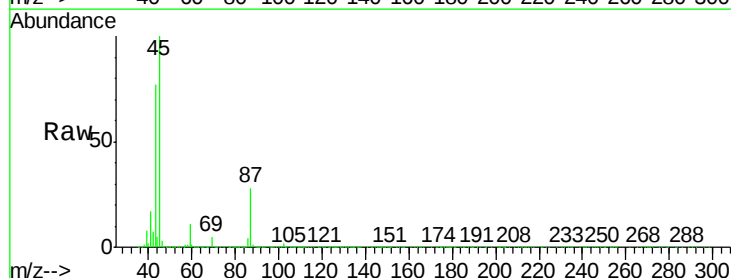
Ion Ratio Lower Upper

45 100

43 76.0 57.4 86.0

87 27.9 21.9 32.9

59 10.9 9.0 13.6

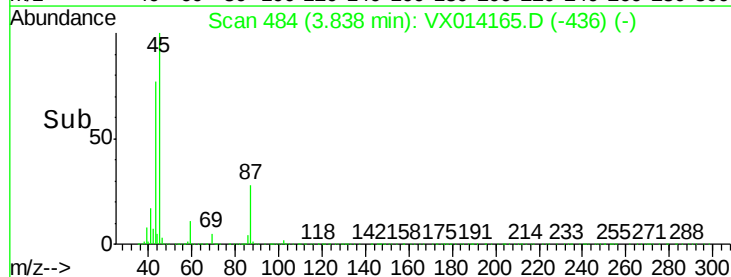
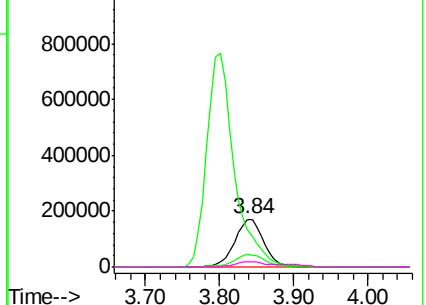


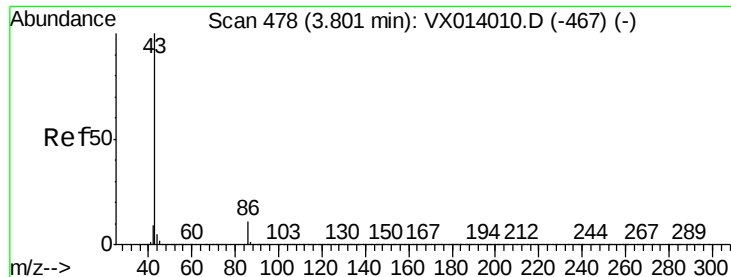
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 103.815 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

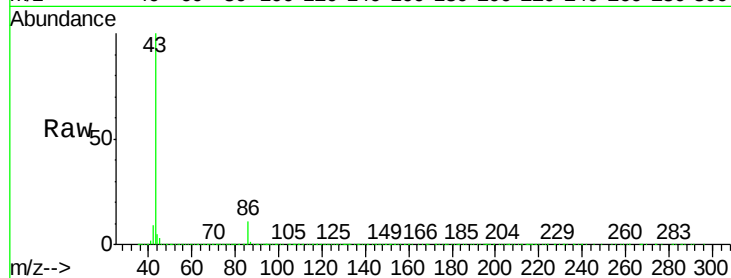
VX1220WBS01

Tgt Ion: 43 Resp: 1977797

Ion Ratio Lower Upper

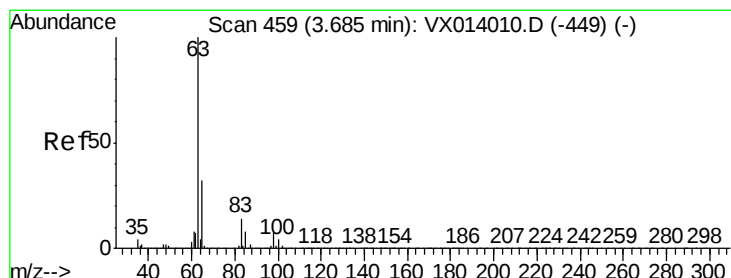
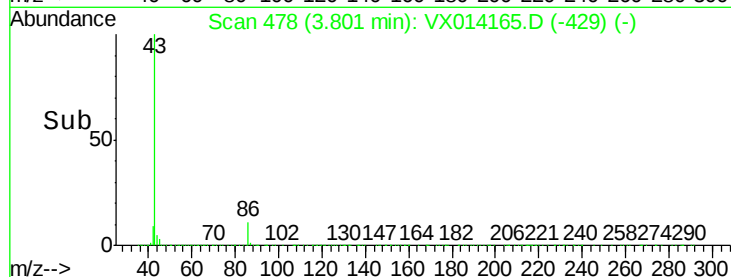
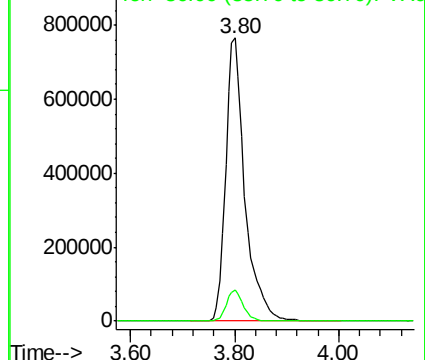
43 100

86 10.9 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: 19.333 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

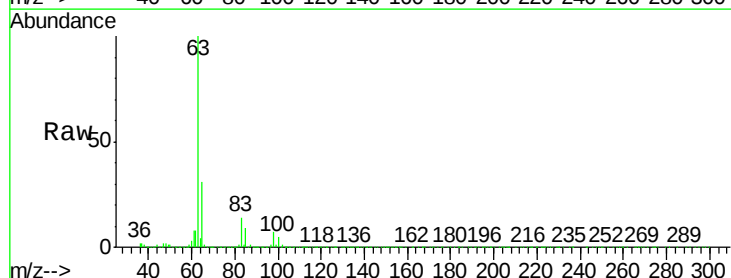
Tgt Ion: 63 Resp: 251102

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

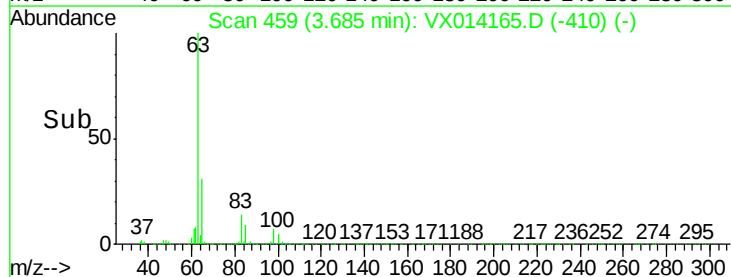
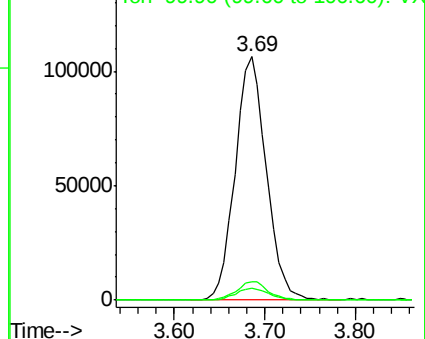
100 4.7 2.3 6.8

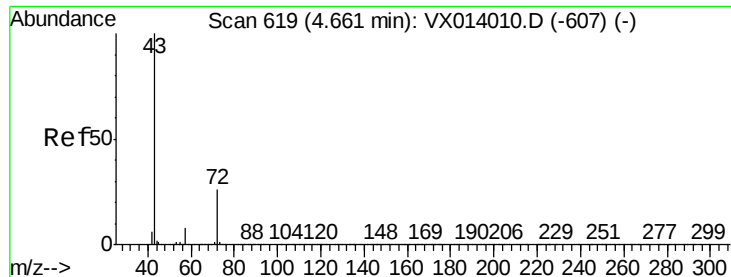


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 87.779 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

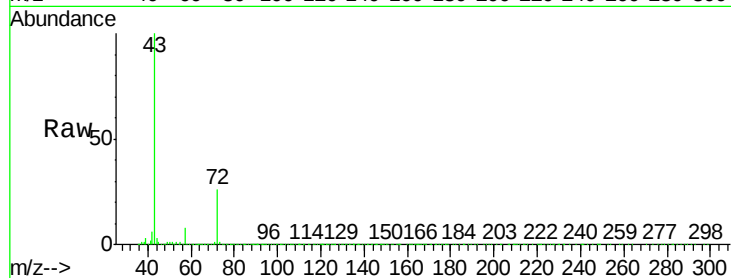
VX1220WBS01

Tgt Ion: 43 Resp: 543150

Ion Ratio Lower Upper

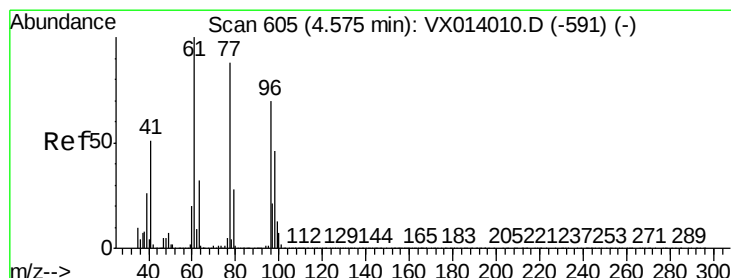
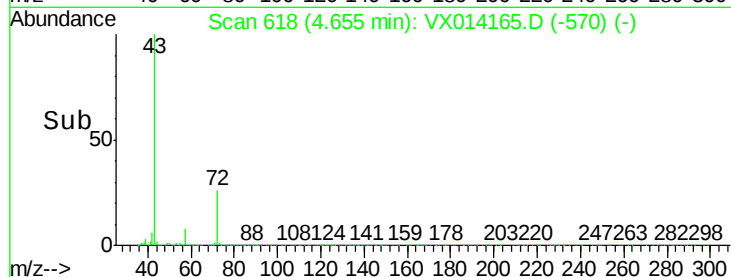
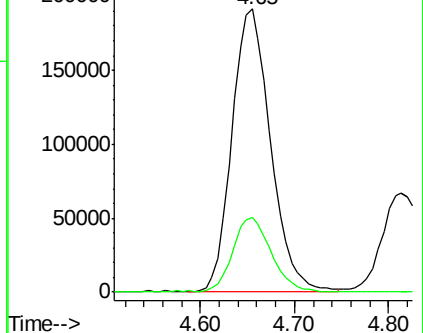
43 100

72 26.1 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.100 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014165.D

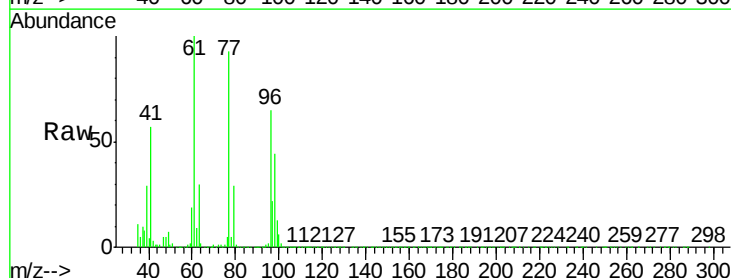
Acq: 20 Dec 2019 11:36

Tgt Ion: 77 Resp: 202692

Ion Ratio Lower Upper

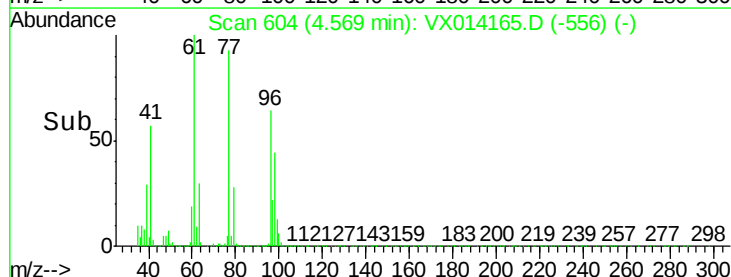
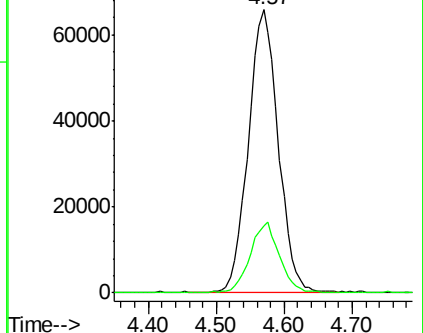
77 100

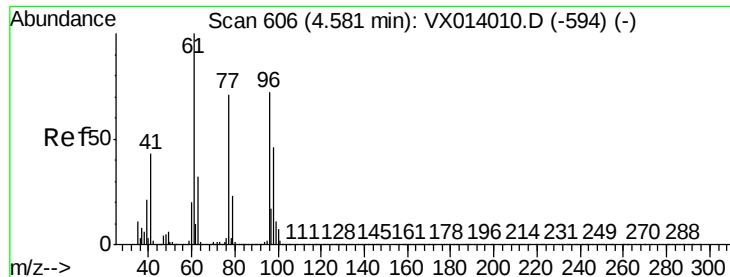
97 24.4 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



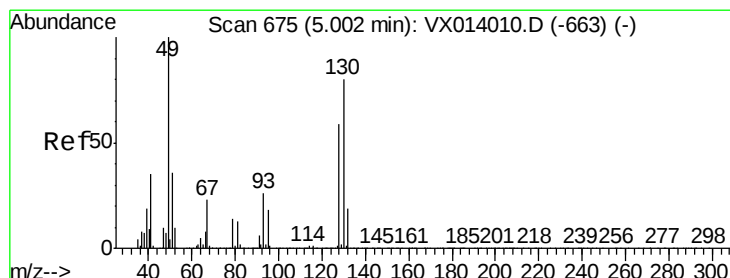
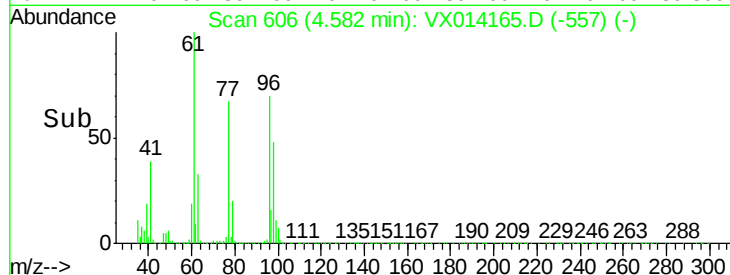
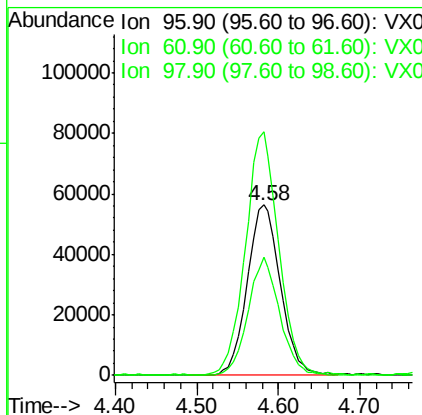
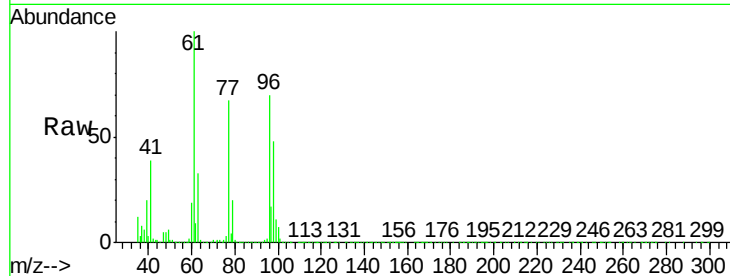


#27

cis-1,2-Dichloroethene
Concen: 19.467 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Instrument :
MSVOA_X
ClientSampled :
VX1220WBS01

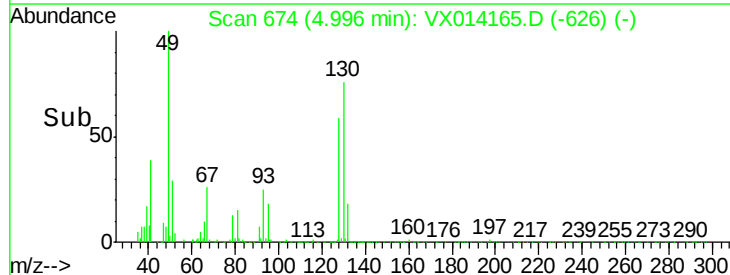
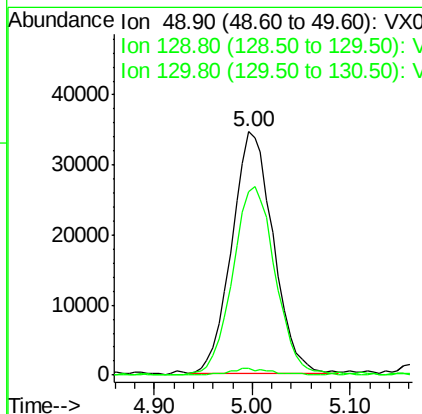
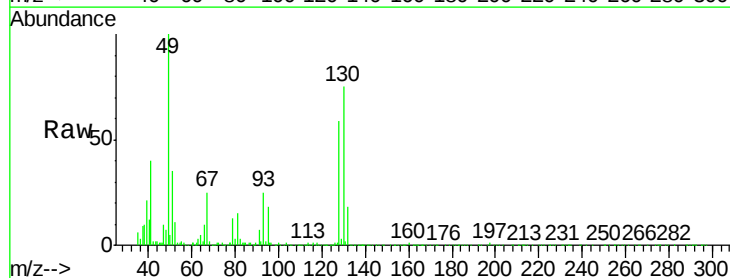
Tgt Ion: 96 Resp: 159147
Ion Ratio Lower Upper
96 100
61 142.3 0.0 288.4
98 65.5 0.0 129.6

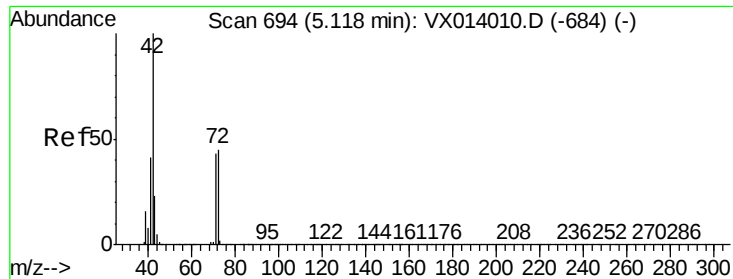


#28

Bromochloromethane
Concen: 20.614 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion: 49 Resp: 101627
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.0
130 79.6 64.6 97.0

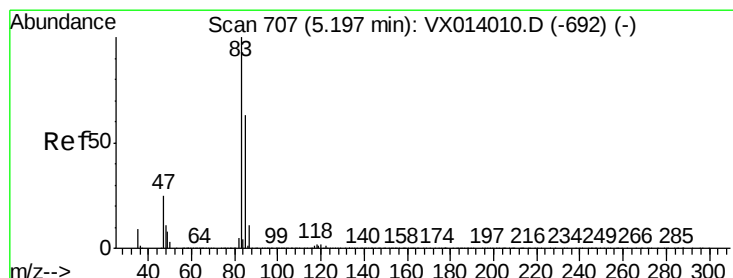
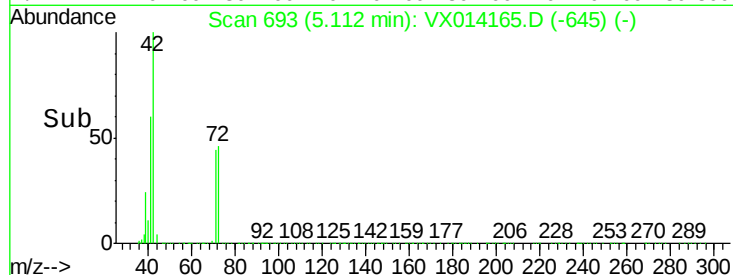
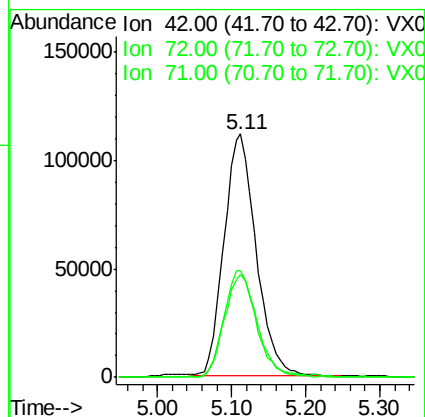
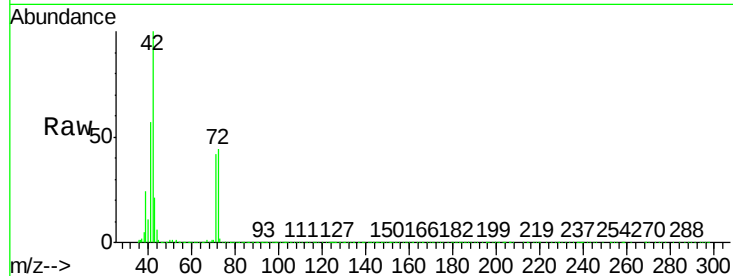




#29
Tetrahydrofuran
Concen: 97.357 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

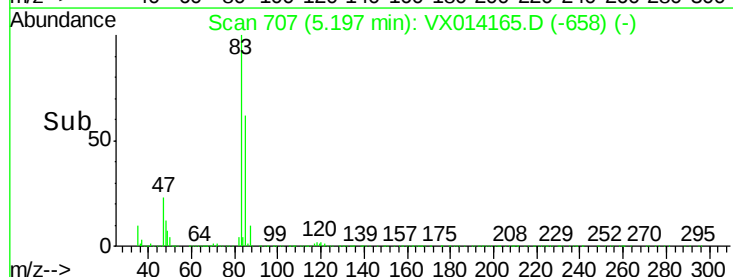
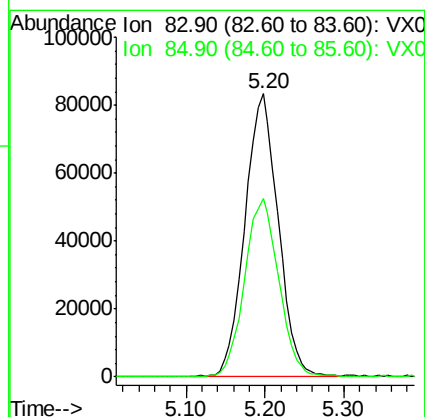
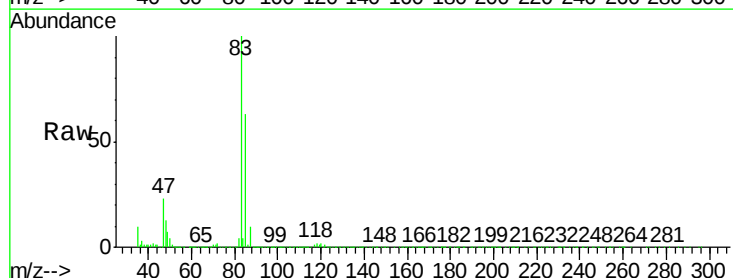
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

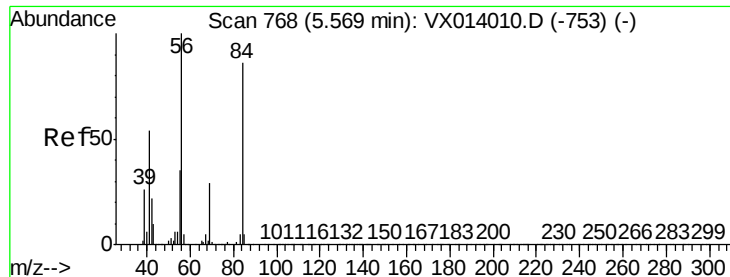
Tgt Ion: 42 Resp: 336944
Ion Ratio Lower Upper
42 100
72 45.4 35.8 53.8
71 42.9 33.6 50.4



#30
Chloroform
Concen: 19.870 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion: 83 Resp: 244654
Ion Ratio Lower Upper
83 100
85 62.9 50.8 76.2

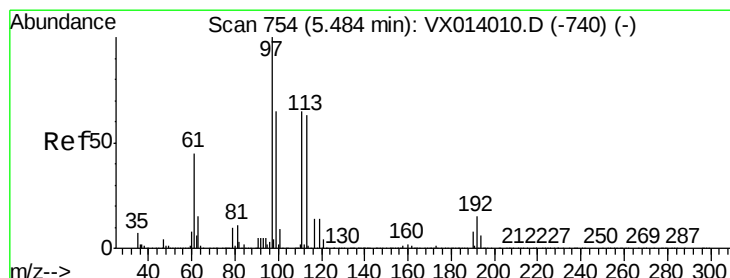
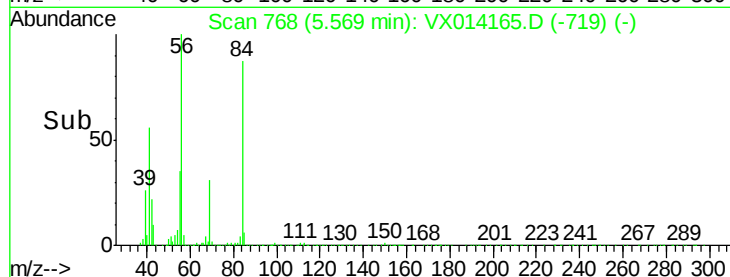
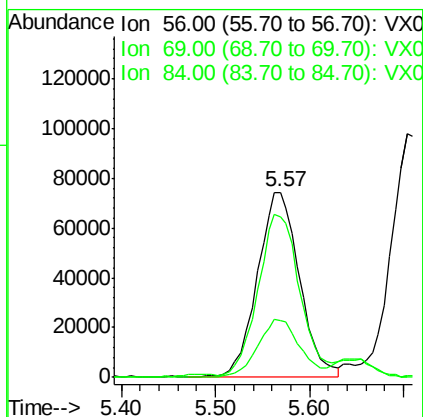
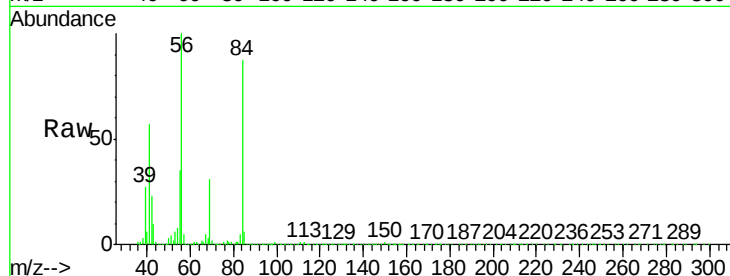




#31
Cyclohexane
Concen: 19.919 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

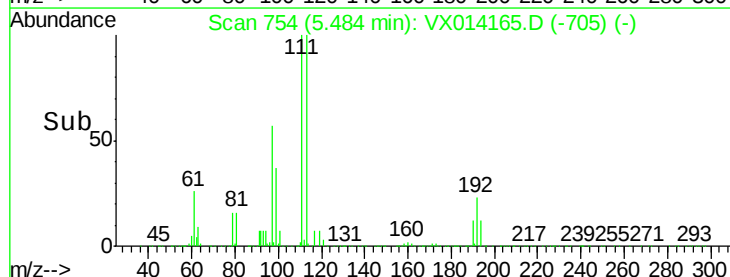
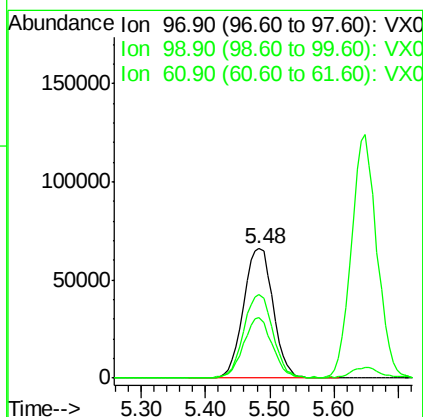
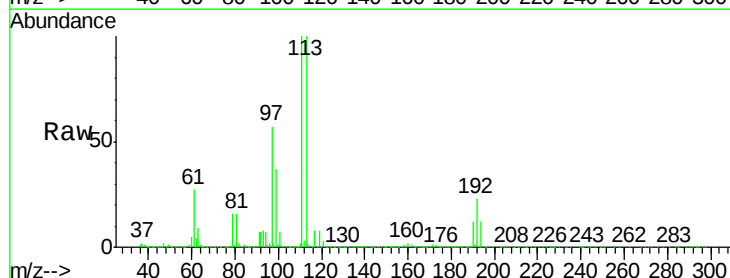
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

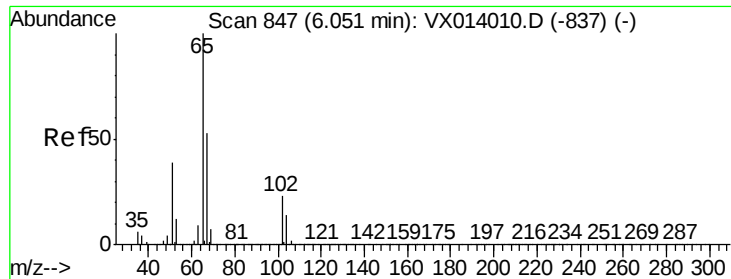
Tgt Ion: 56 Resp: 230099
Ion Ratio Lower Upper
56 100
69 30.7 23.2 34.8
84 85.7 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 19.764 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion: 97 Resp: 207397
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 44.9 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 50.053 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

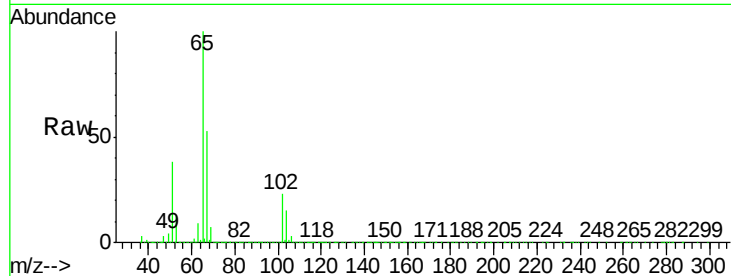
VX1220WBS01

Tgt Ion: 65 Resp: 386941

Ion Ratio Lower Upper

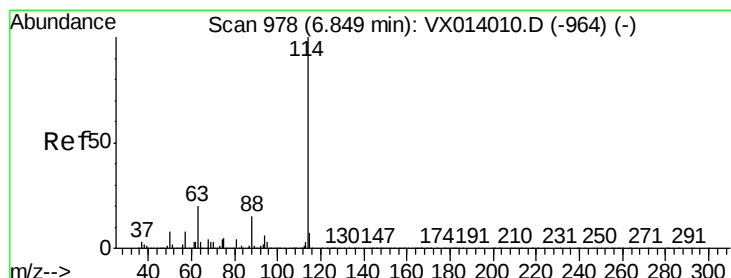
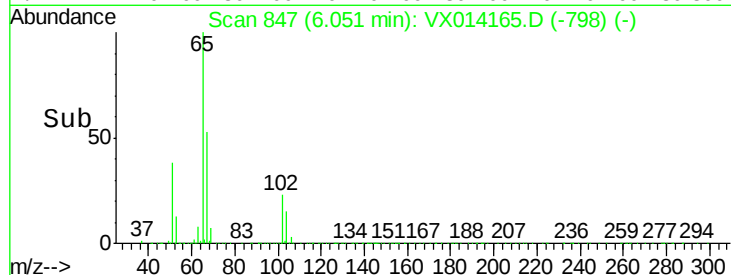
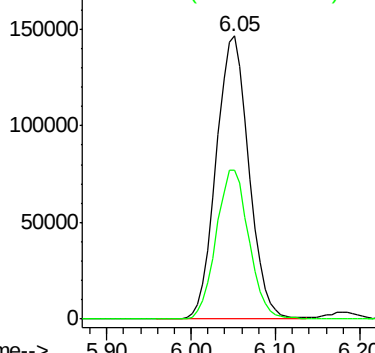
65 100

67 52.3 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

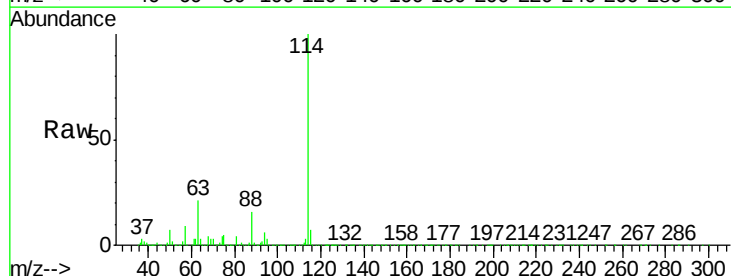
Tgt Ion: 114 Resp: 1021152

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

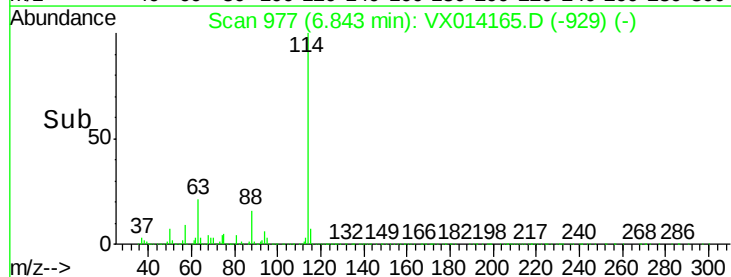
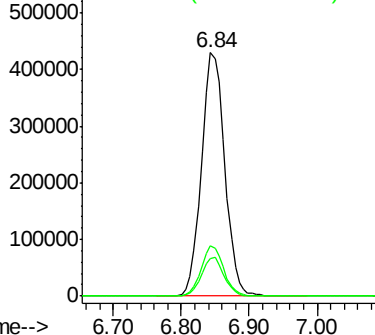
88 15.5 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

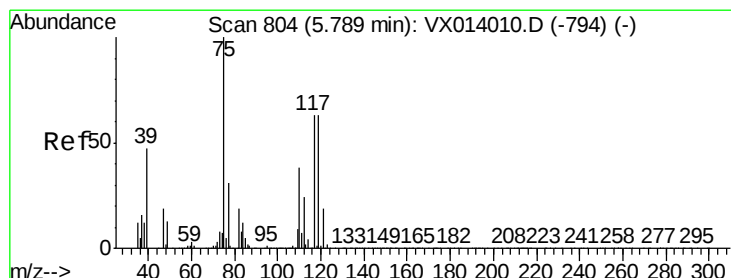
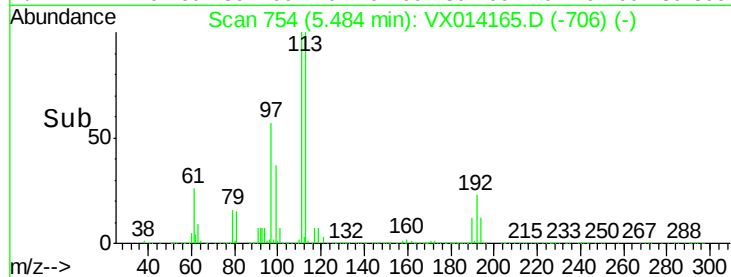
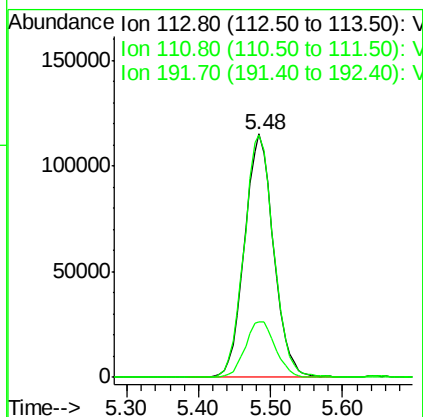
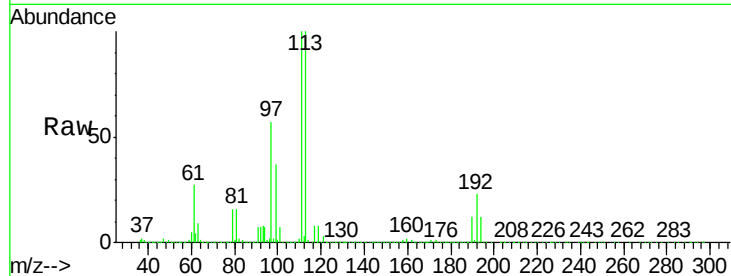




#35
 Dibromofluoromethane
 Concen: 51.758 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014165.D
 Acq: 20 Dec 2019 11:36

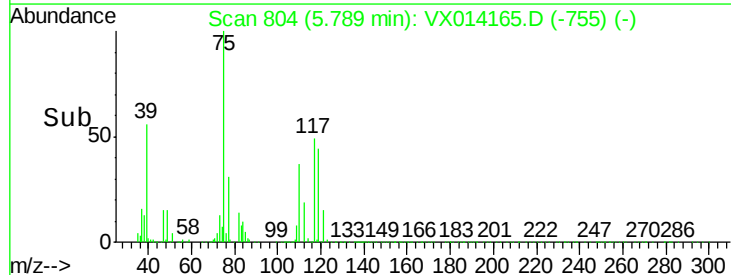
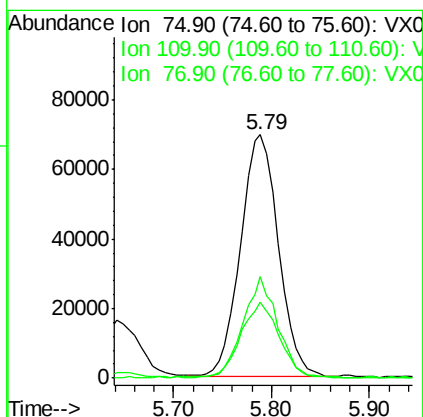
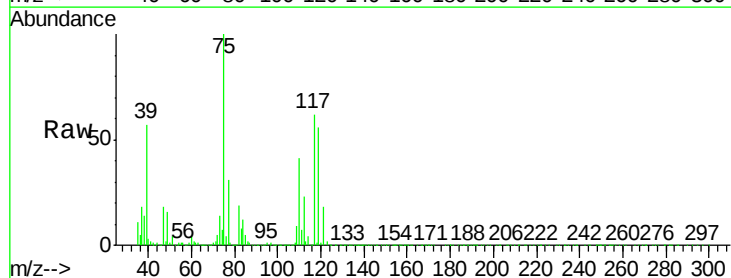
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01

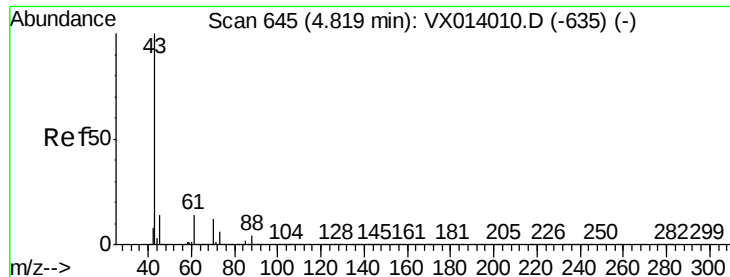
Tgt Ion: 113 Resp: 321289
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.0 123.0
 192 23.9 19.3 28.9



#36
 1,1-Dichloropropene
 Concen: 19.963 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014165.D
 Acq: 20 Dec 2019 11:36

Tgt Ion: 75 Resp: 187049
 Ion Ratio Lower Upper
 75 100
 110 38.2 18.3 54.9
 77 32.3 24.8 37.2

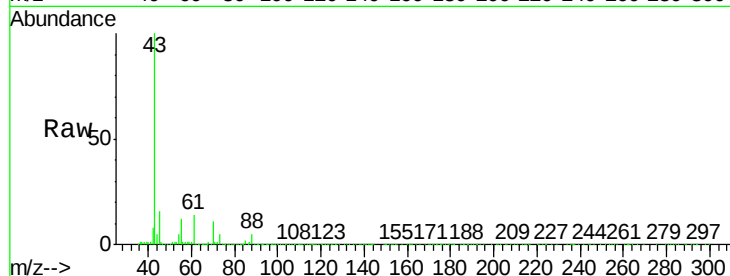




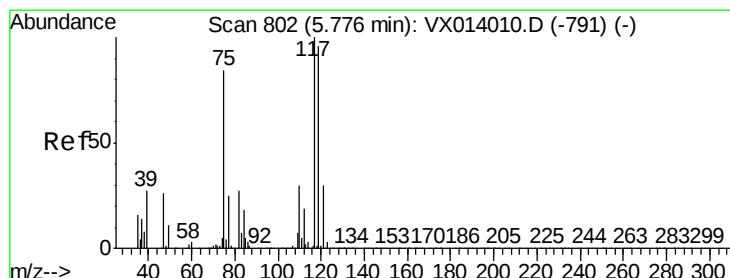
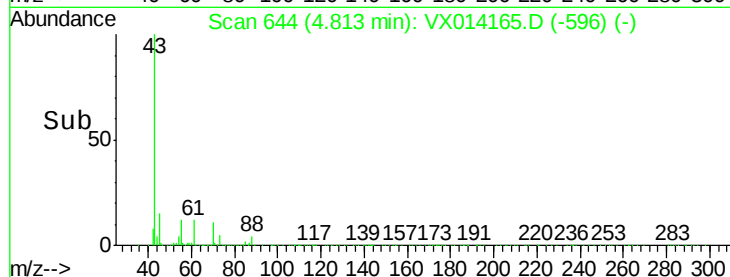
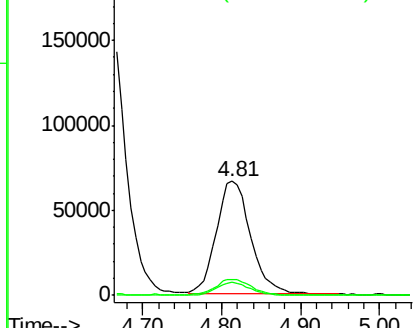
#37
Ethyl Acetate
Concen: 19.566 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tgt Ion: 43 Resp: 202444
Ion Ratio Lower Upper
43 100
61 14.2 10.8 16.2
70 11.6 8.6 12.8

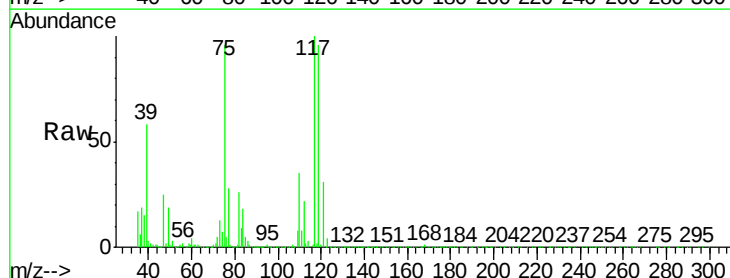


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

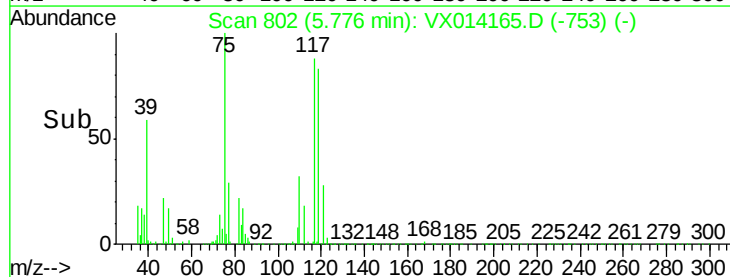
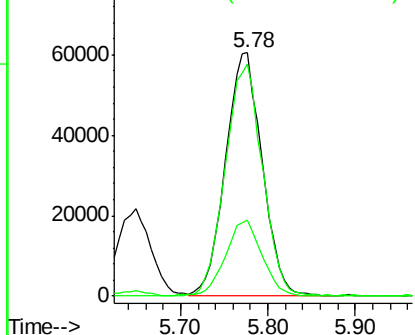


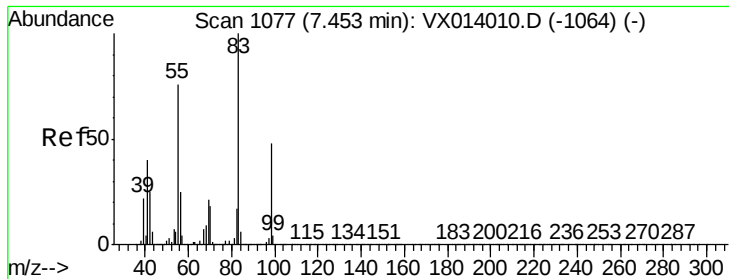
#38
Carbon Tetrachloride
Concen: 20.489 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion: 117 Resp: 174890
Ion Ratio Lower Upper
117 100
119 95.7 76.2 114.4
121 31.1 23.6 35.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

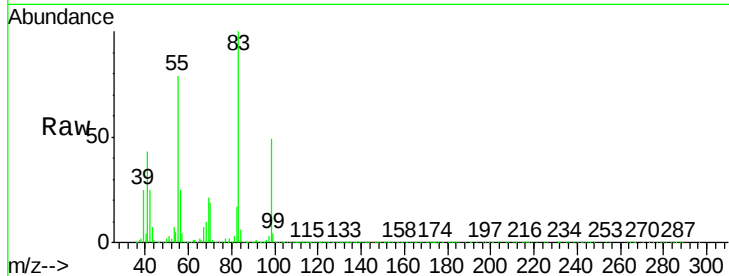




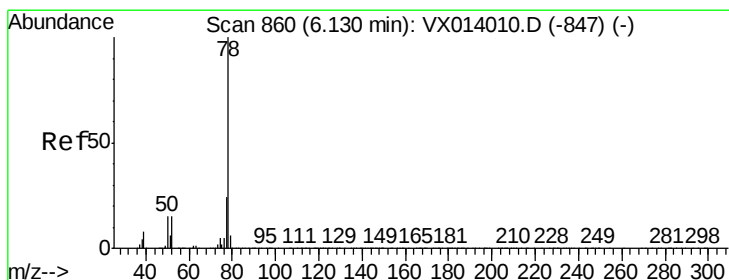
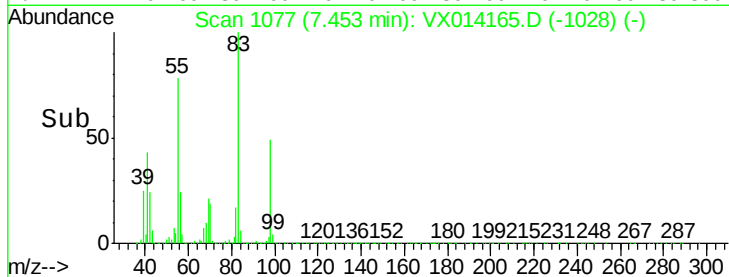
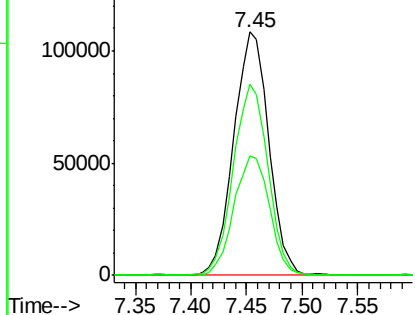
#39
Methylcyclohexane
Concen: 20.402 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Instrument :
MSVOA_X
ClientSampled :
VX1220WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.5	61.0	91.6
98	49.1	38.6	57.8

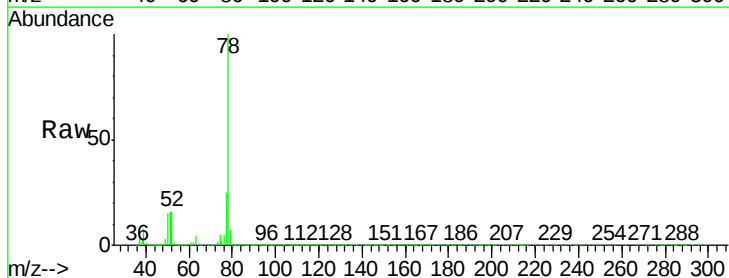


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

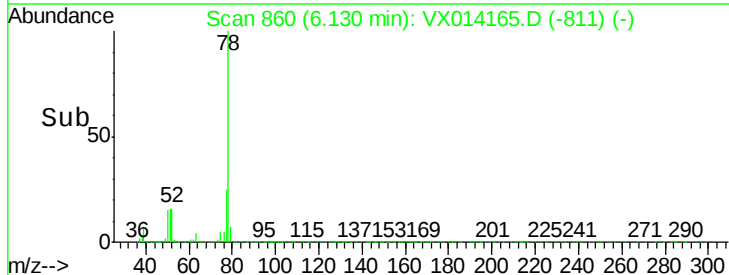
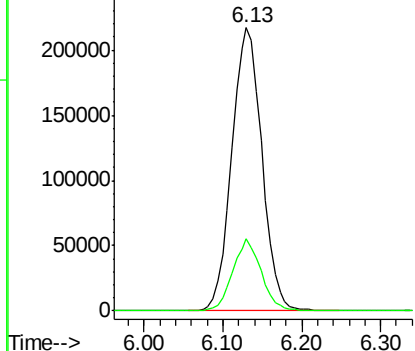


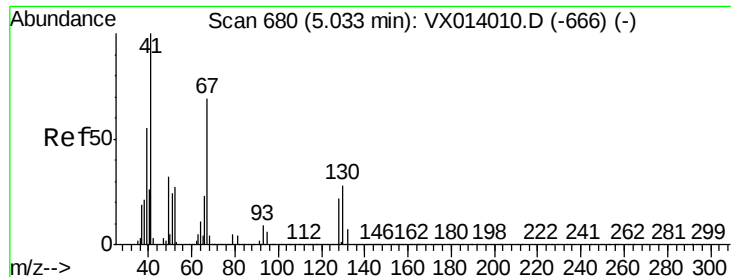
#40
Benzene
Concen: 19.912 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.2	18.8	28.2



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





#41

Methacrylonitrile

Concen: 20.229 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tgt Ion: 41 Resp: 116130

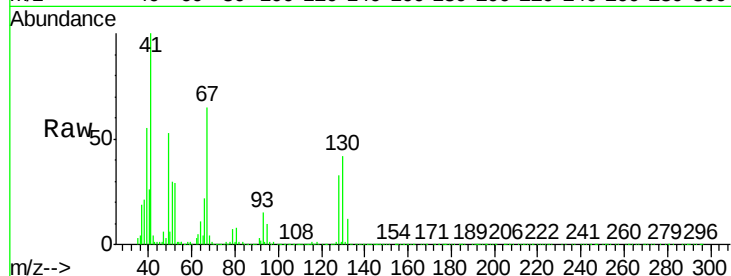
Ion Ratio Lower Upper

41 100

39 52.6 44.5 66.7

67 68.9 57.4 86.0

52 27.9 23.0 34.4

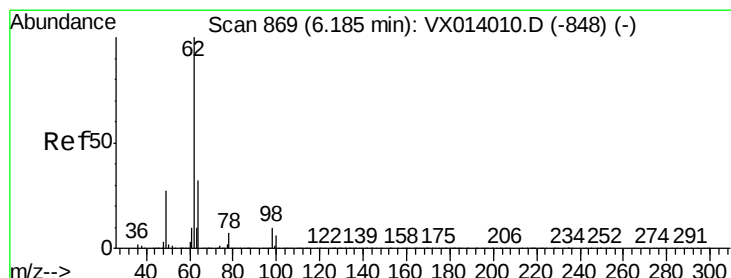
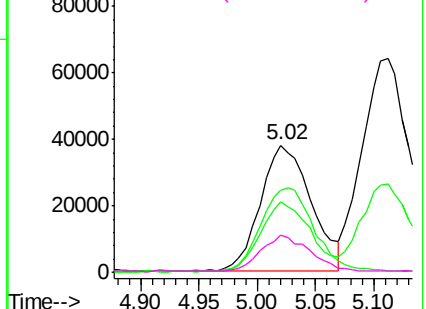
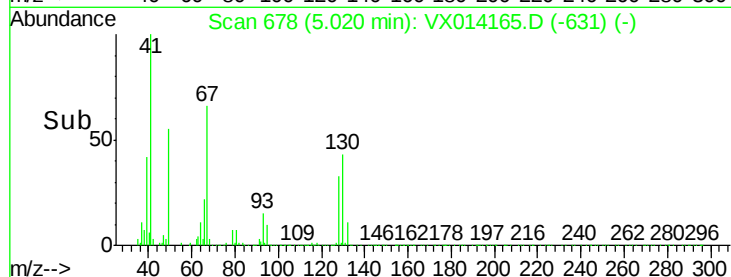


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.113 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014165.D

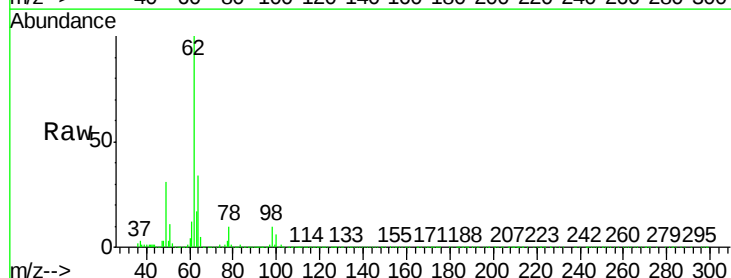
Acq: 20 Dec 2019 11:36

Tgt Ion: 62 Resp: 196557

Ion Ratio Lower Upper

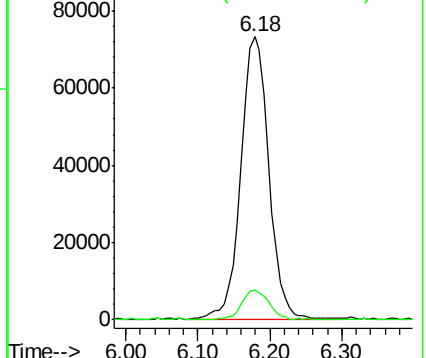
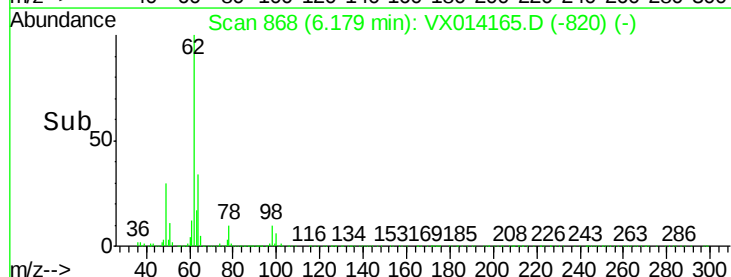
62 100

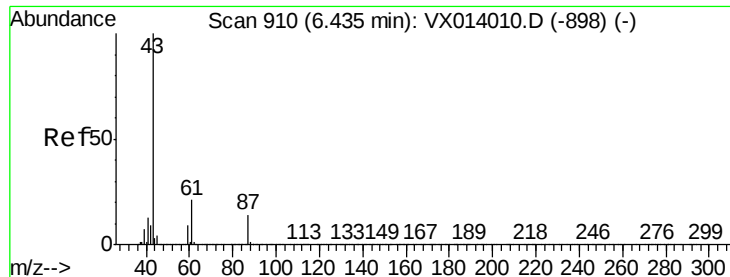
98 10.3 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.946 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

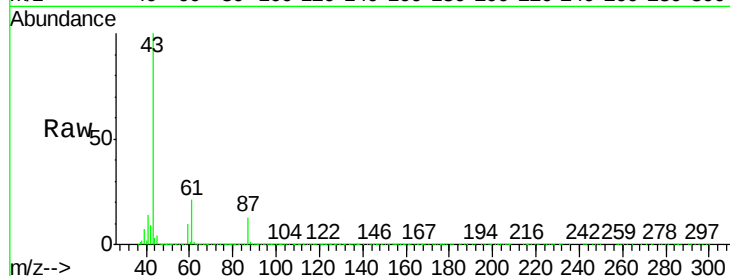
Tgt Ion: 43 Resp: 341538

Ion Ratio Lower Upper

43 100

61 20.2 16.4 24.6

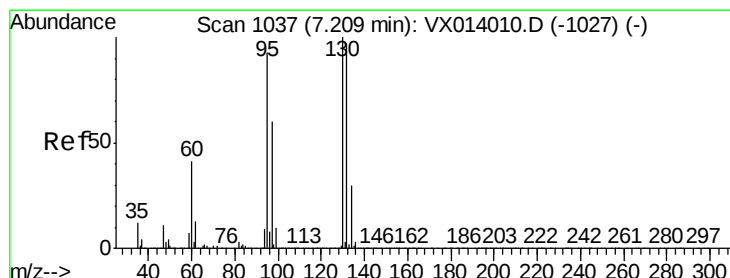
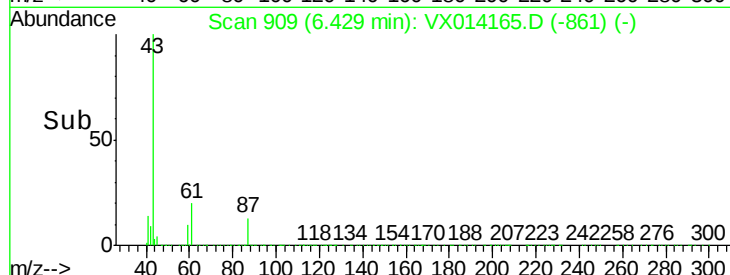
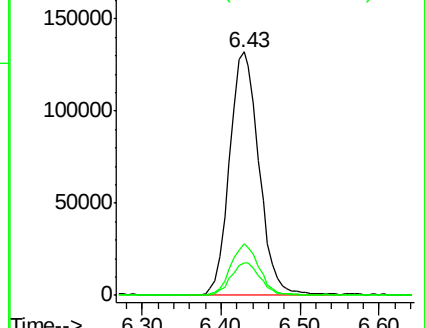
87 13.5 10.7 16.1



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: 20.150 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014165.D

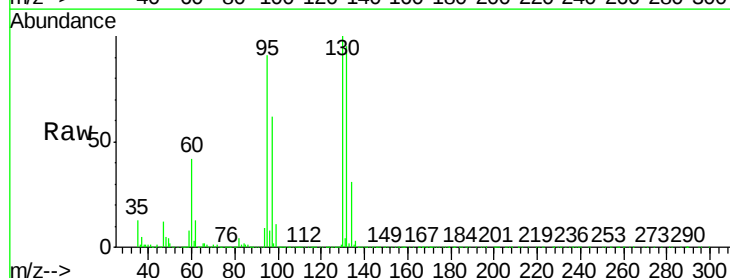
Acq: 20 Dec 2019 11:36

Tgt Ion: 130 Resp: 160455

Ion Ratio Lower Upper

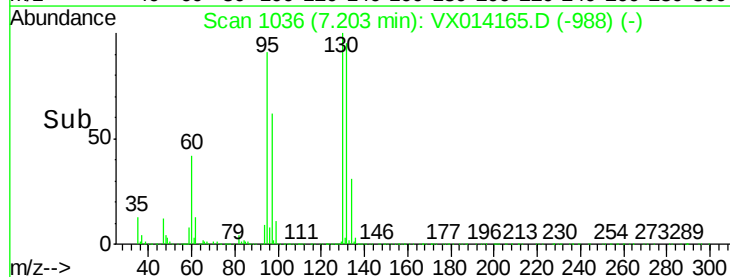
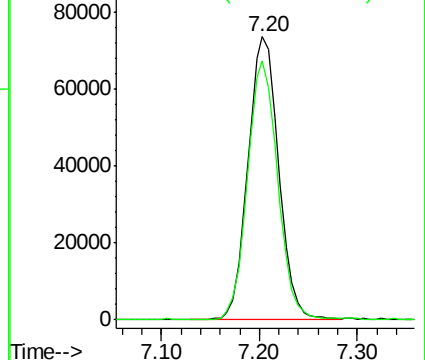
130 100

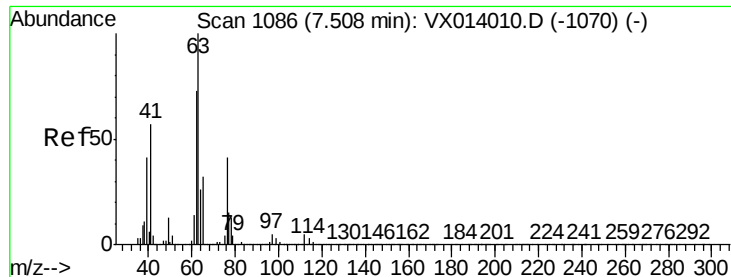
95 91.2 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.320 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

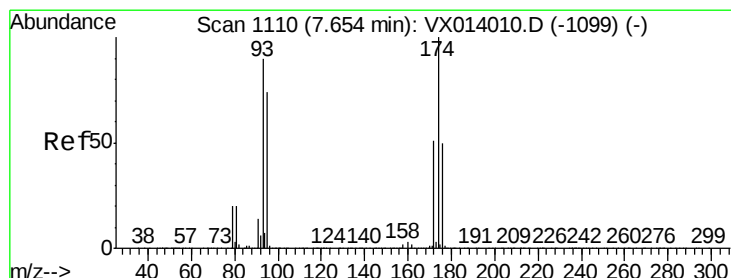
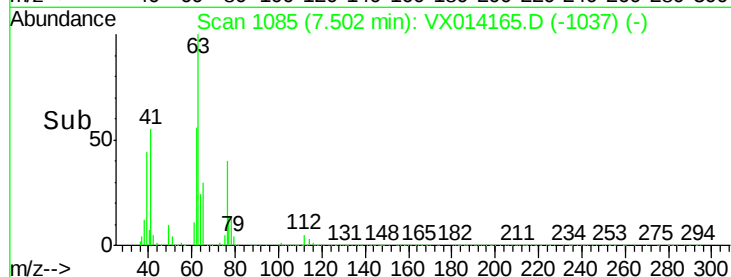
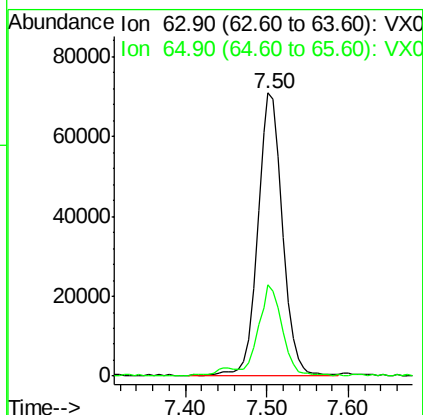
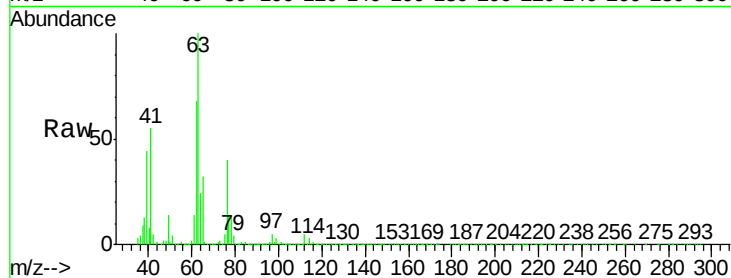
VX1220WBS01

Tgt Ion: 63 Resp: 150152

Ion Ratio Lower Upper

63 100

65 31.9 25.8 38.8



#46

Dibromomethane

Concen: 19.551 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

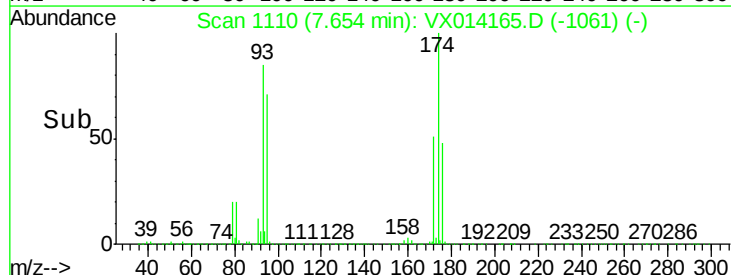
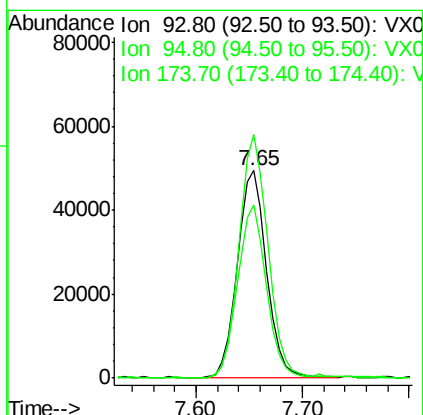
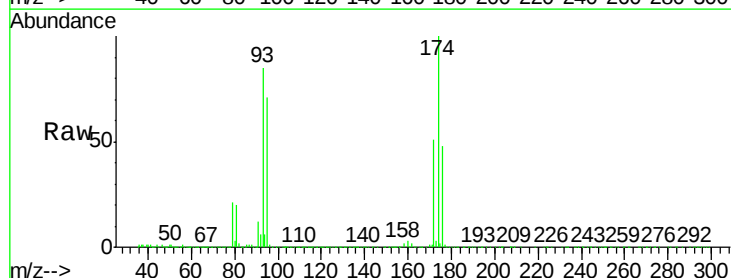
Tgt Ion: 93 Resp: 95516

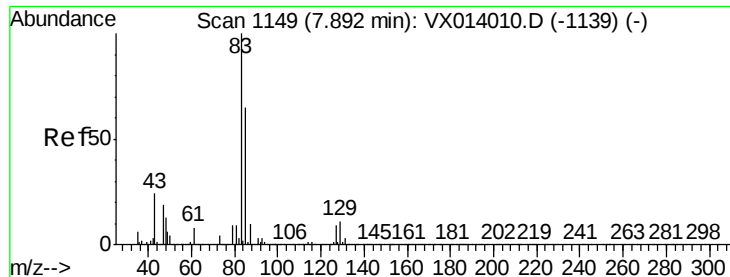
Ion Ratio Lower Upper

93 100

95 83.5 67.3 100.9

174 116.5 91.6 137.4





#47

Bromodichloromethane

Concen: 20.179 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

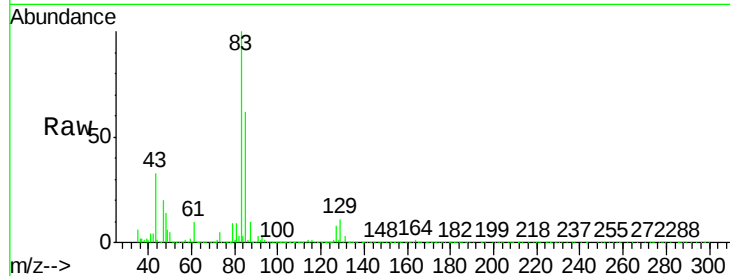
Tgt Ion: 83 Resp: 185666

Ion Ratio Lower Upper

83 100

85 61.6 51.8 77.8

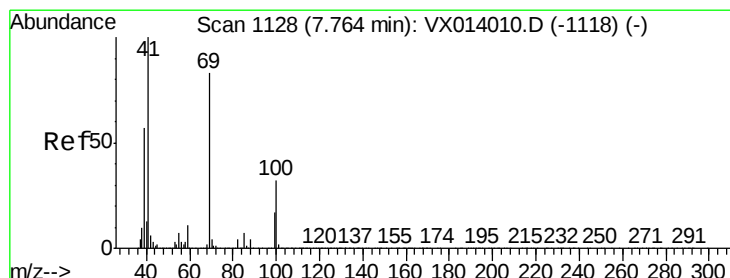
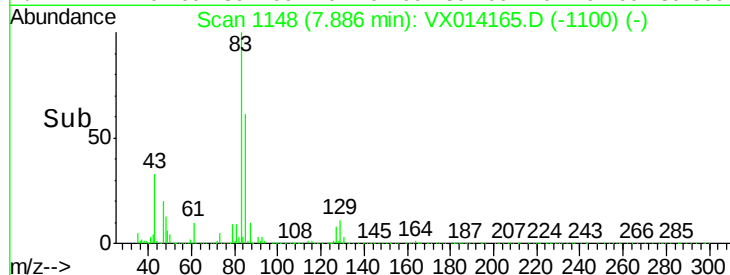
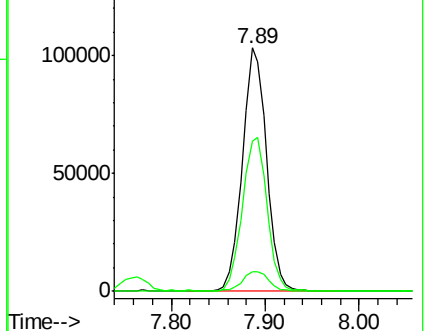
127 7.9 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.652 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

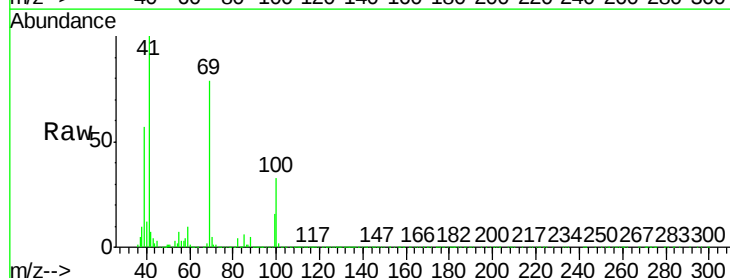
Tgt Ion: 41 Resp: 164781

Ion Ratio Lower Upper

41 100

69 82.4 65.8 98.6

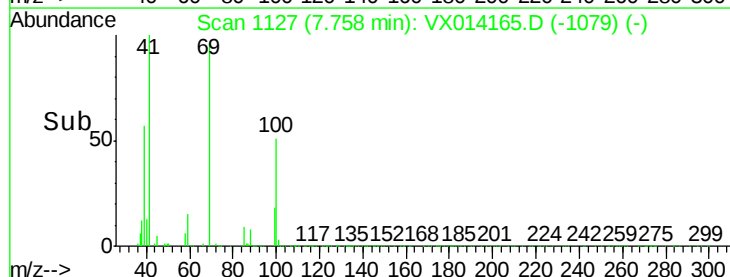
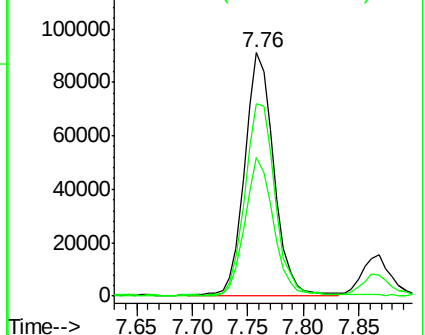
39 55.5 44.6 67.0

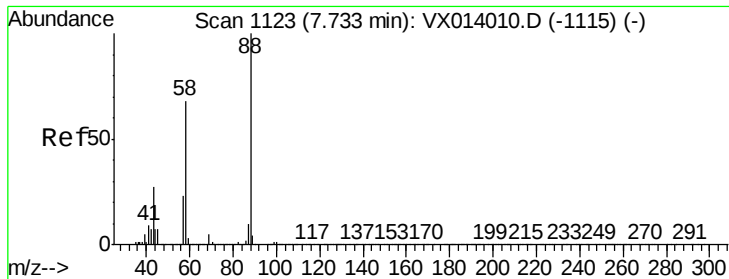


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

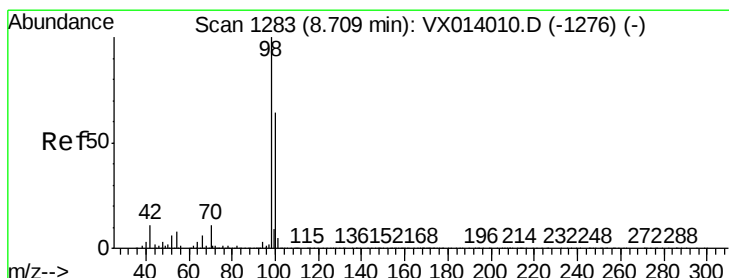
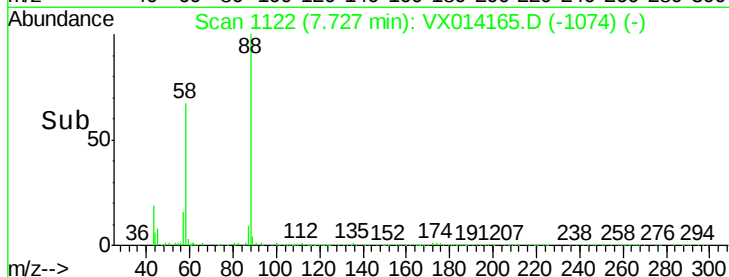
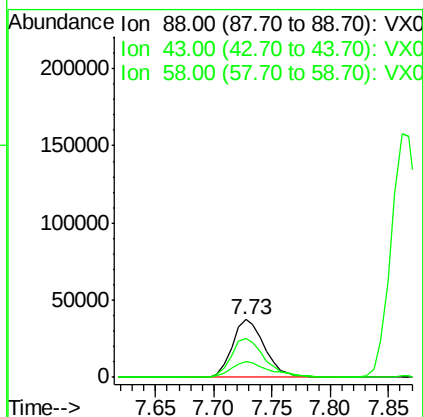
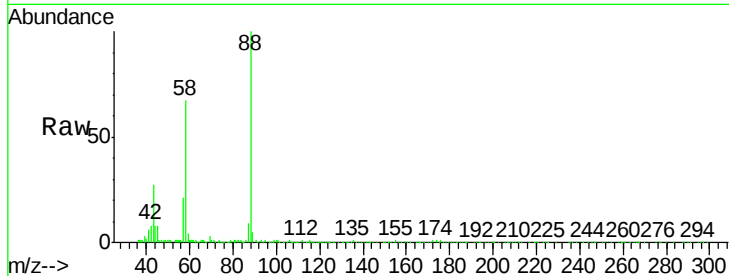




#49
1,4-Dioxane
Concen: 417.310 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

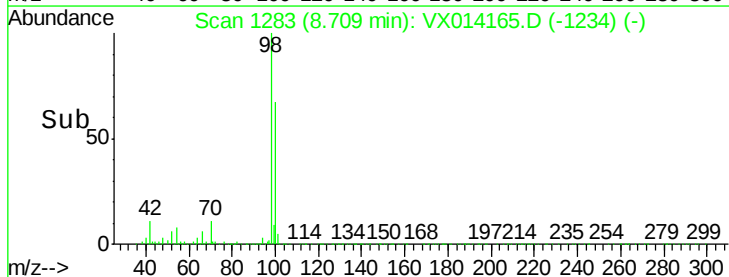
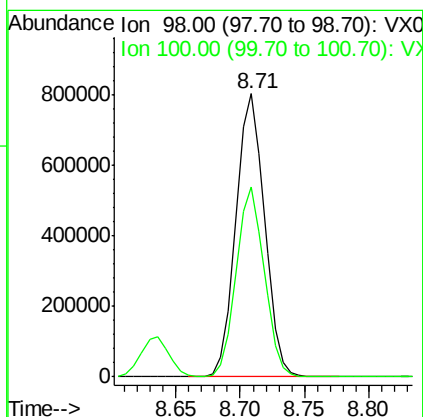
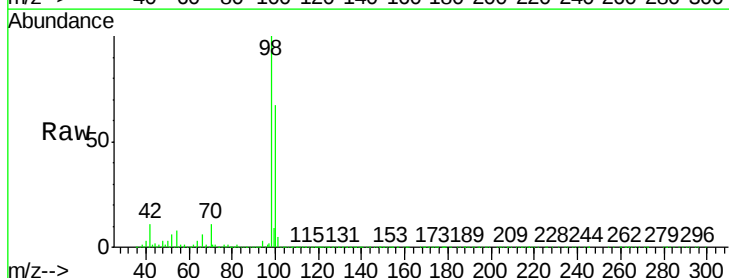
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

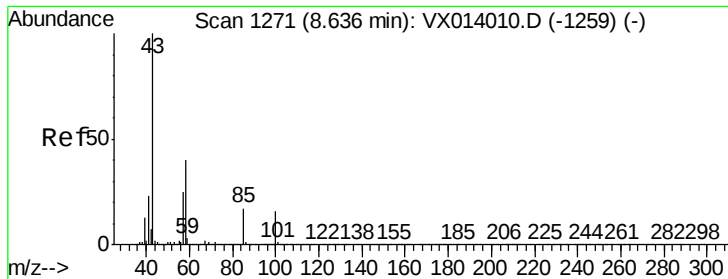
Tgt Ion: 88 Resp: 71207
Ion Ratio Lower Upper
88 100
43 32.1 26.5 39.7
58 71.0 56.8 85.2



#50
Toluene-d8
Concen: 51.456 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion: 98 Resp: 1243555
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3

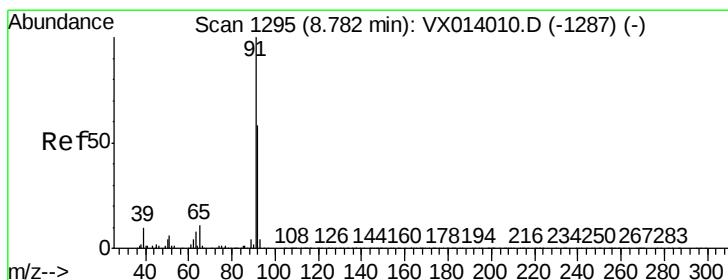
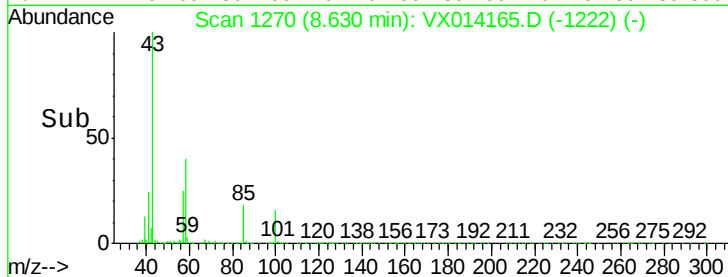
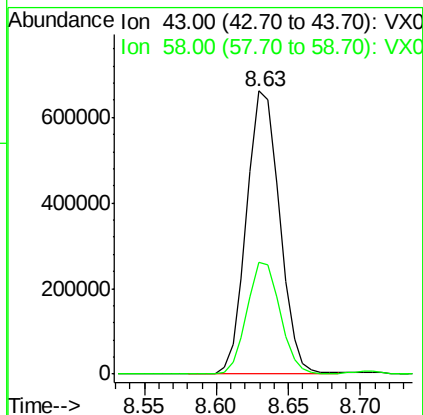
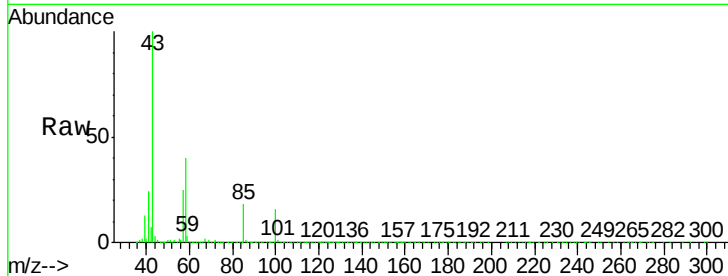




#51
 4-Methyl-2-Pentanone
 Concen: 97.988 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX014165.D
 Acq: 20 Dec 2019 11:36

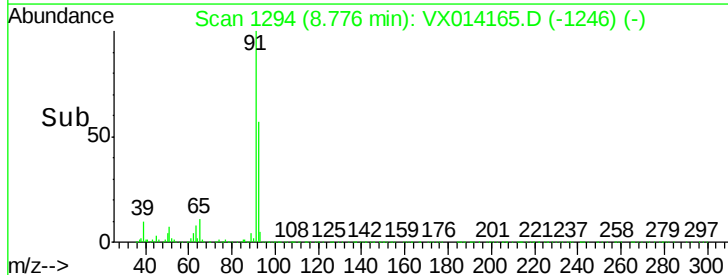
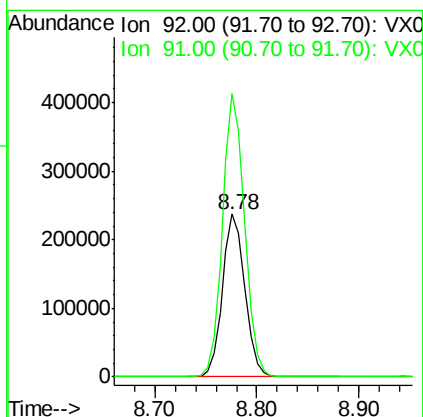
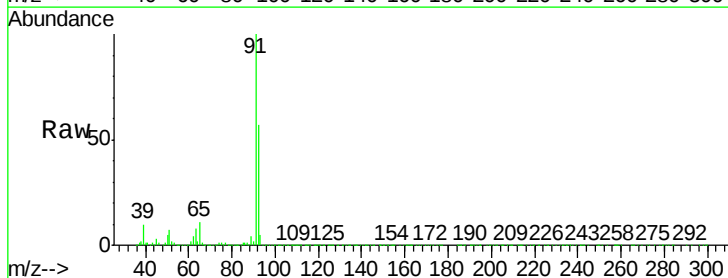
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01

Tgt Ion: 43 Resp: 1053736
 Ion Ratio Lower Upper
 43 100
 58 39.6 32.2 48.2



#52
 Toluene
 Concen: 19.837 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX014165.D
 Acq: 20 Dec 2019 11:36

Tgt Ion: 92 Resp: 361480
 Ion Ratio Lower Upper
 92 100
 91 171.2 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 20.597 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

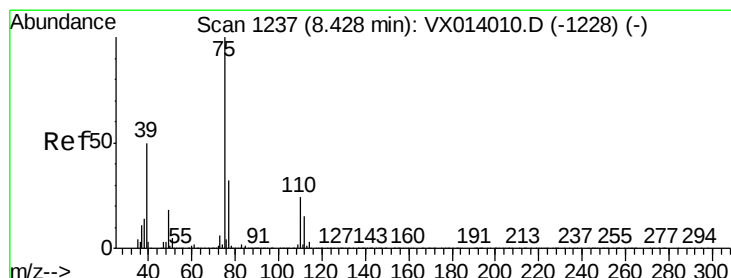
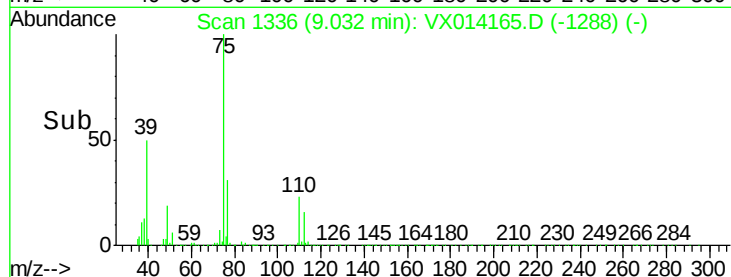
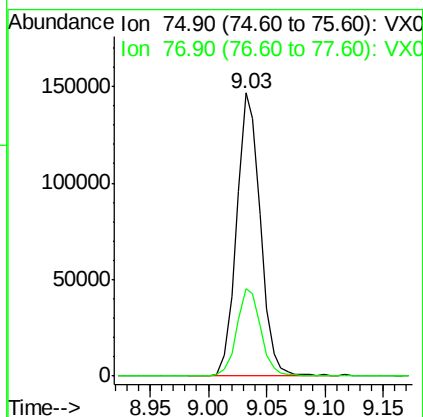
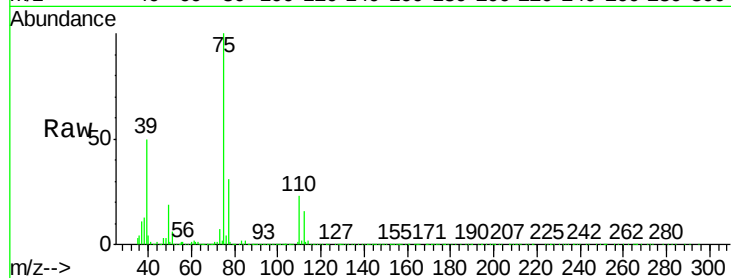
VX1220WBS01

Tgt Ion: 75 Resp: 207797

Ion Ratio Lower Upper

75 100

77 30.8 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 20.662 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

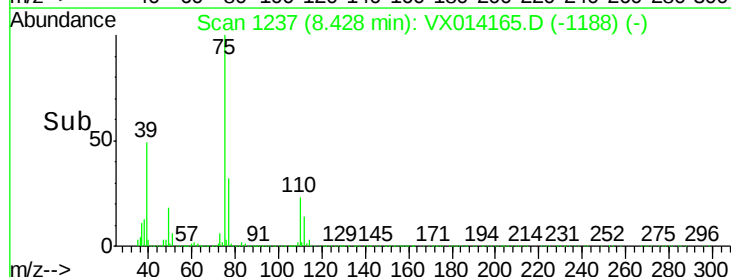
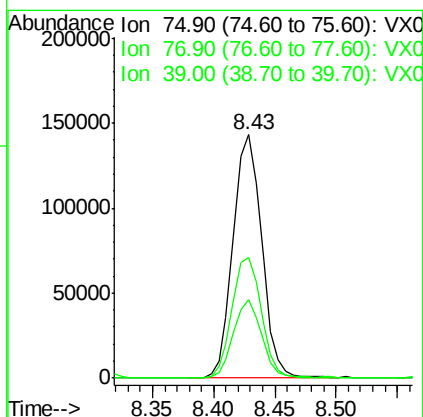
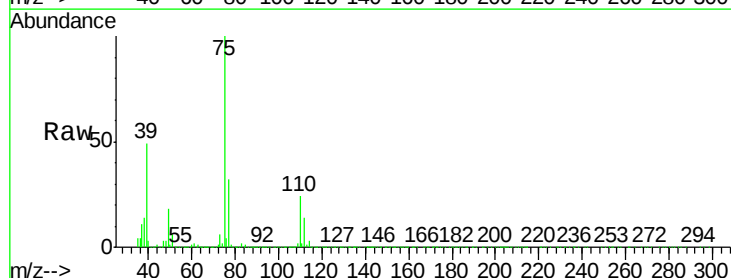
Tgt Ion: 75 Resp: 232236

Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9

39 49.2 39.9 59.9

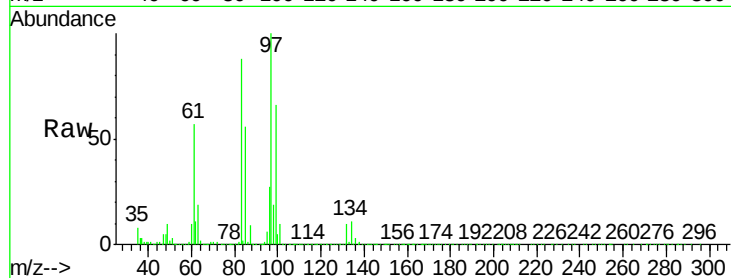




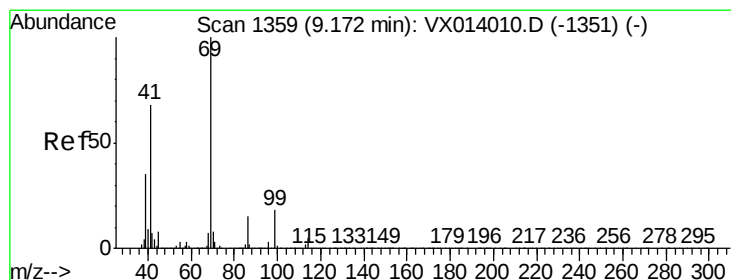
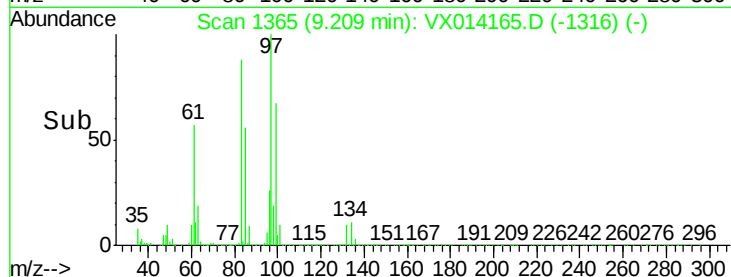
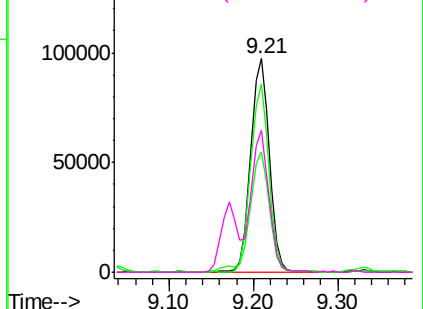
#55
 1,1,2-Trichloroethane
 Concen: 19.711 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014165.D
 Acq: 20 Dec 2019 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01

Tgt Ion:	97	Resp:	143957
Ion	Ratio	Lower	Upper
97	100		
83	87.8	68.2	102.4
85	56.1	44.6	66.8
99	66.4	51.4	77.0

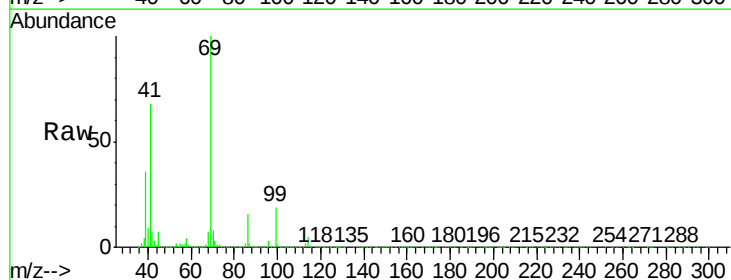


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

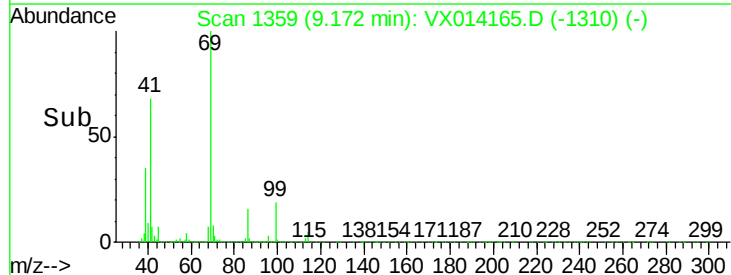
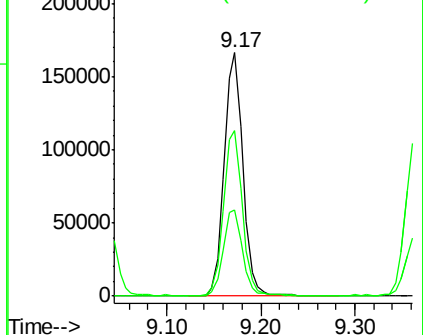


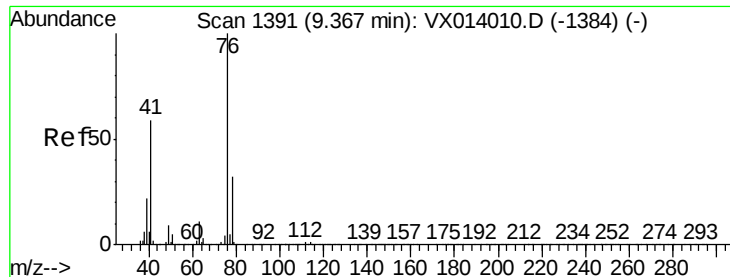
#56
 Ethyl methacrylate
 Concen: 19.875 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014165.D
 Acq: 20 Dec 2019 11:36

Tgt Ion:	69	Resp:	228014
Ion	Ratio	Lower	Upper
69	100		
41	68.3	54.8	82.2
39	36.2	28.3	42.5



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.061 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

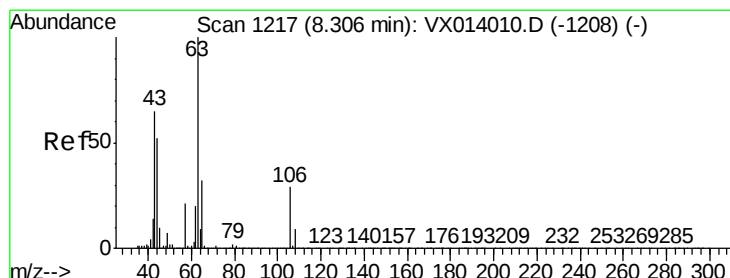
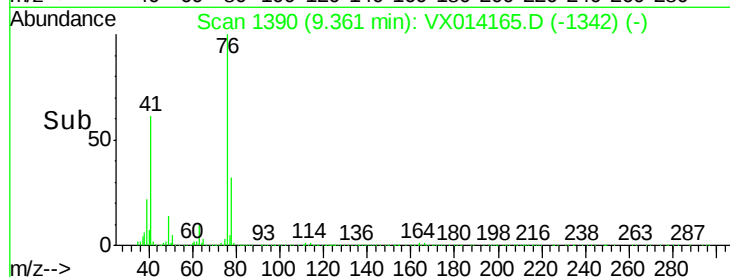
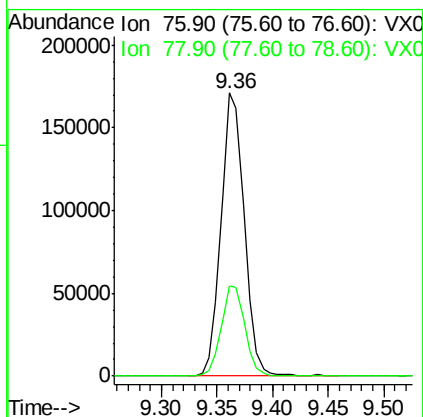
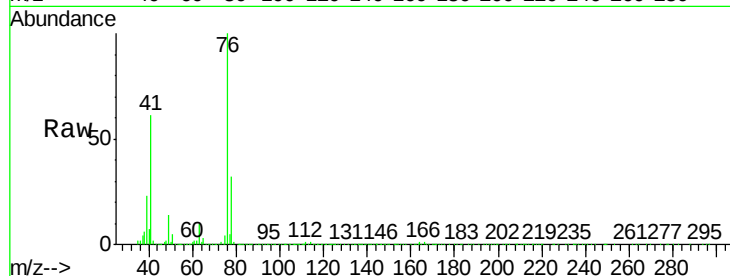
VX1220WBS01

Tgt Ion: 76 Resp: 246504

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 104.834 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014165.D

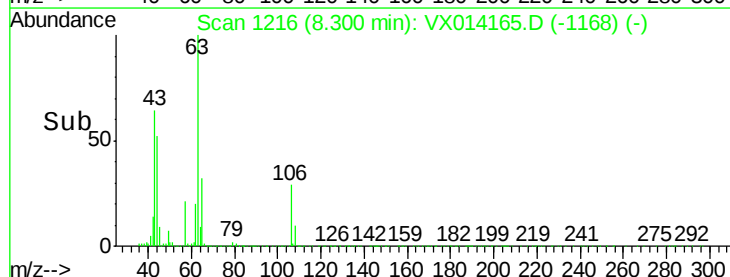
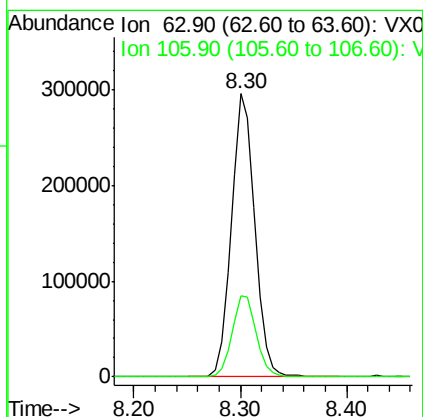
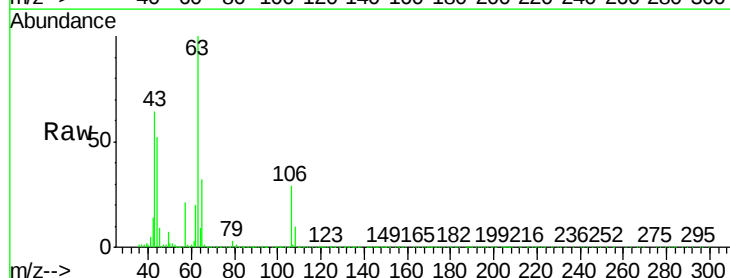
Acq: 20 Dec 2019 11:36

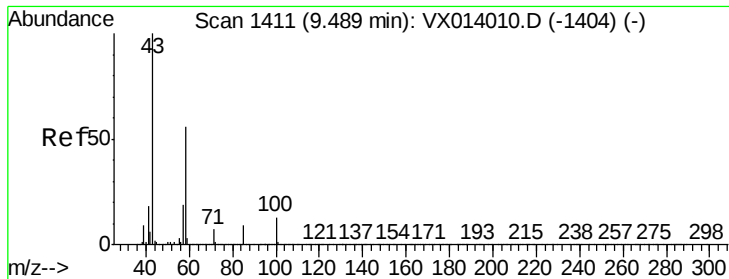
Tgt Ion: 63 Resp: 455135

Ion Ratio Lower Upper

63 100

106 29.6 23.0 34.6

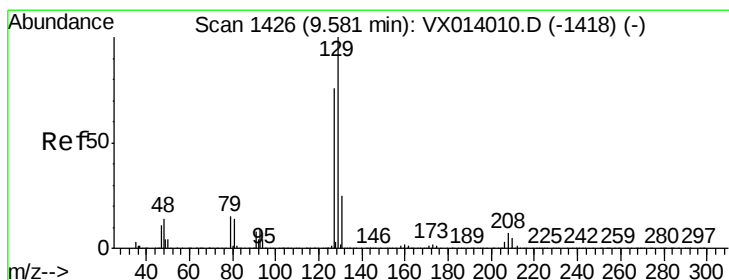
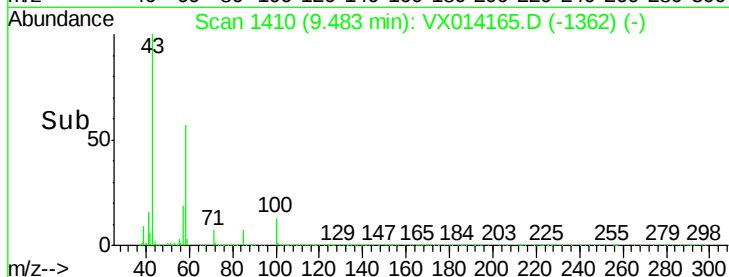
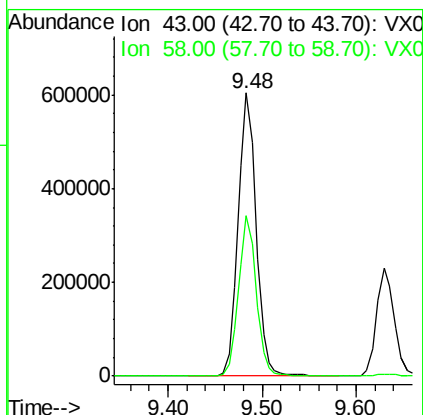
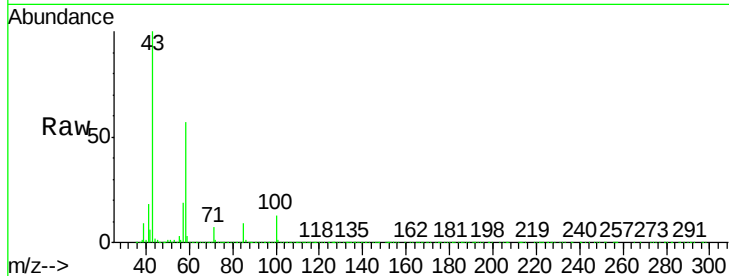




#59
2-Hexanone
Concen: 92.798 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

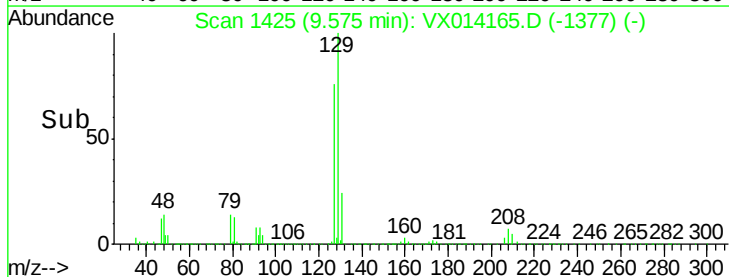
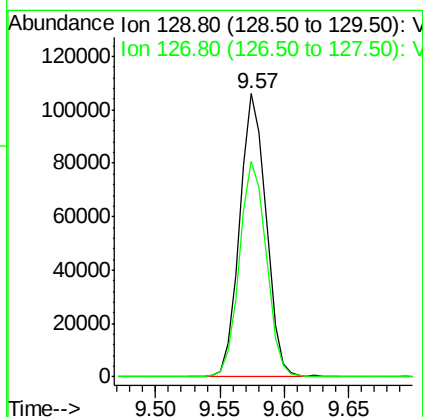
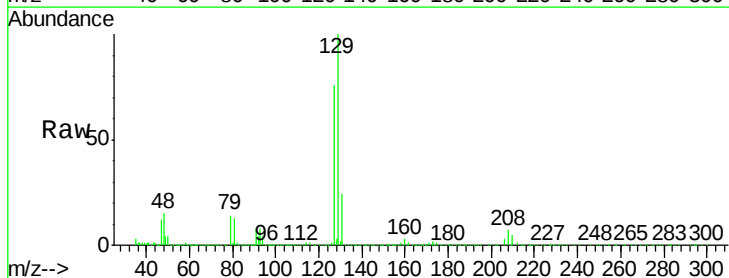
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

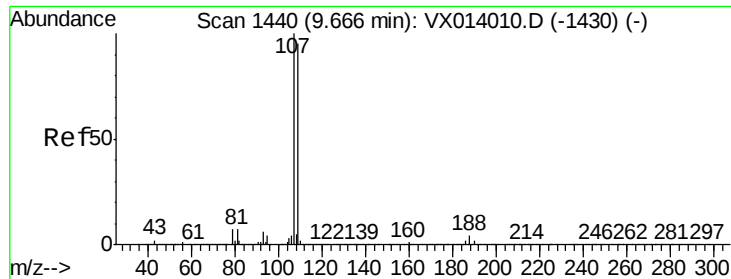
Tgt Ion: 43 Resp: 803338
Ion Ratio Lower Upper
43 100
58 55.9 28.0 84.0



#60
Dibromochloromethane
Concen: 20.670 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion: 129 Resp: 150051
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2

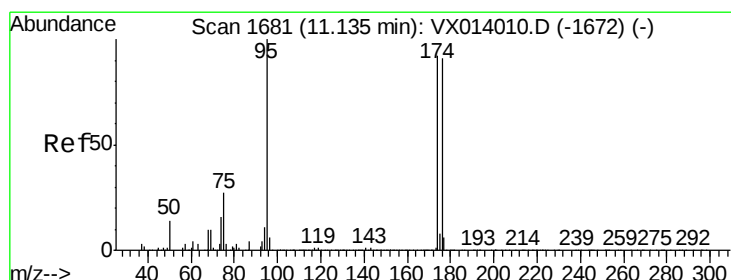
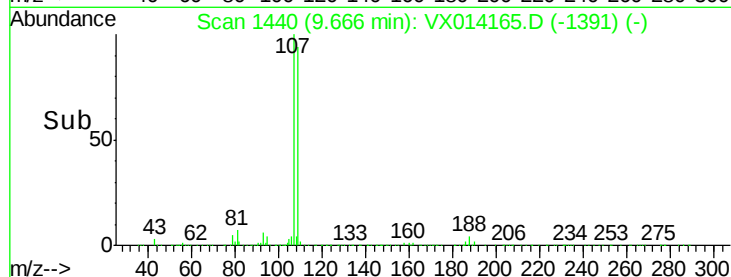
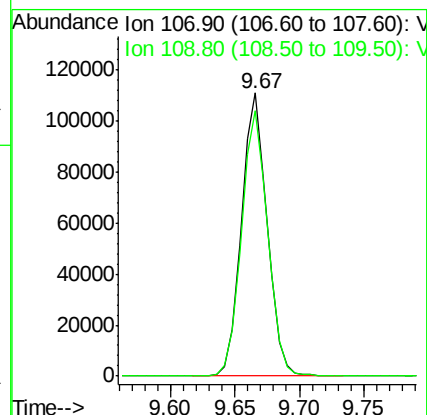
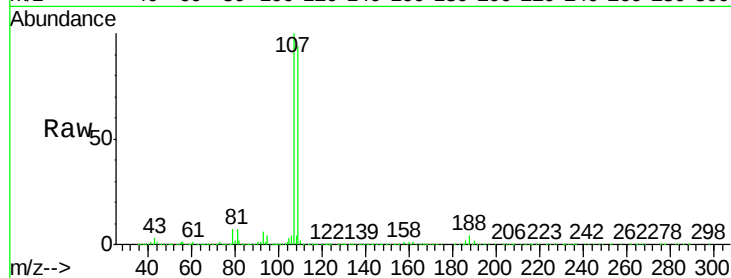




#61
 1,2-Dibromoethane
 Concen: 20.419 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014165.D
 Acq: 20 Dec 2019 11:36

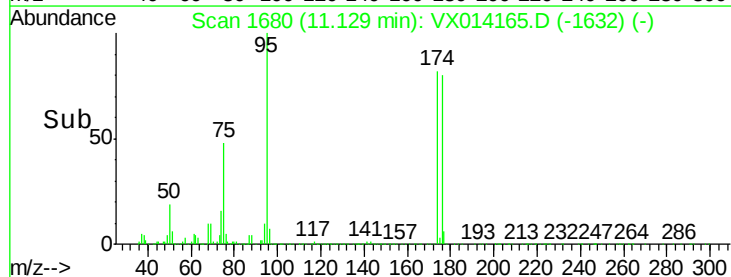
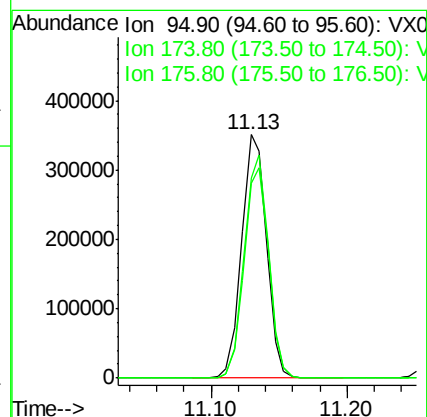
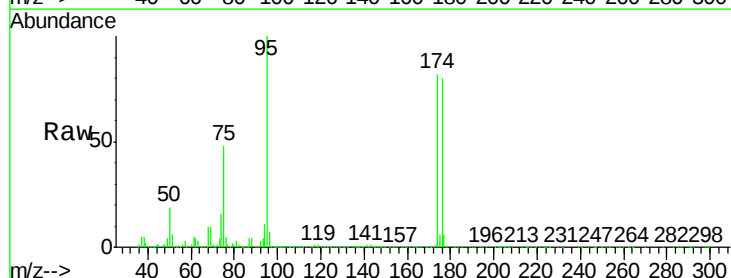
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01

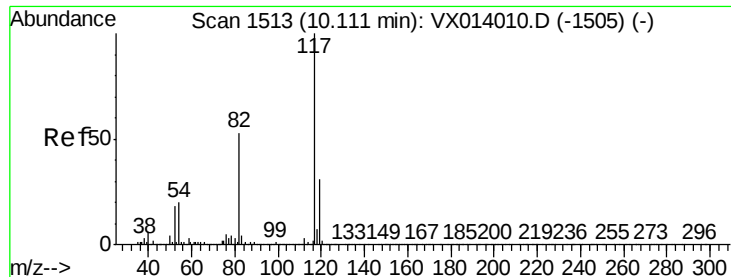
Tgt Ion: 107 Resp: 152578
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 50.463 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014165.D
 Acq: 20 Dec 2019 11:36

Tgt Ion: 95 Resp: 445798
 Ion Ratio Lower Upper
 95 100
 174 90.5 0.0 175.8
 176 86.1 0.0 173.0

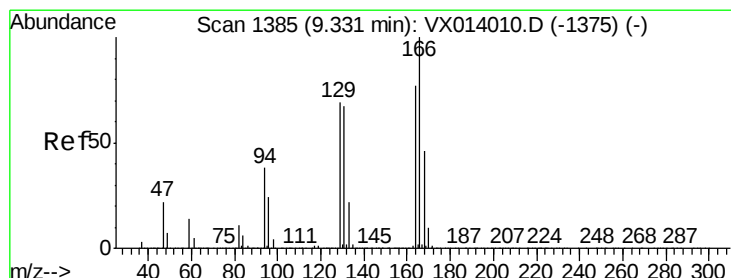
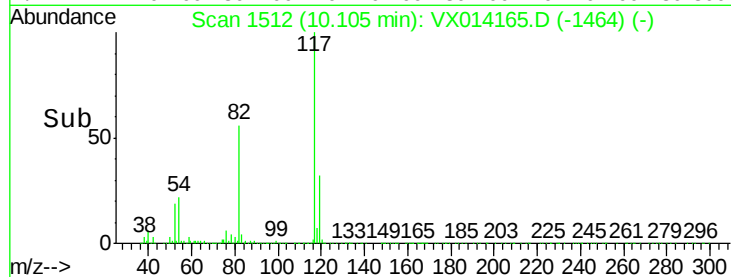
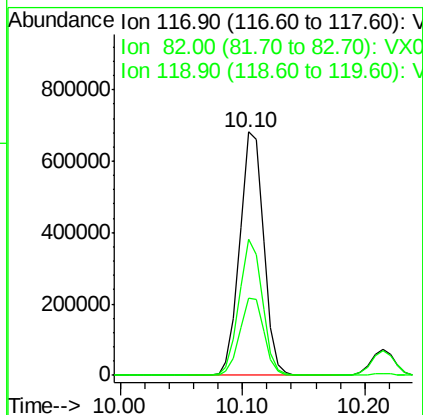
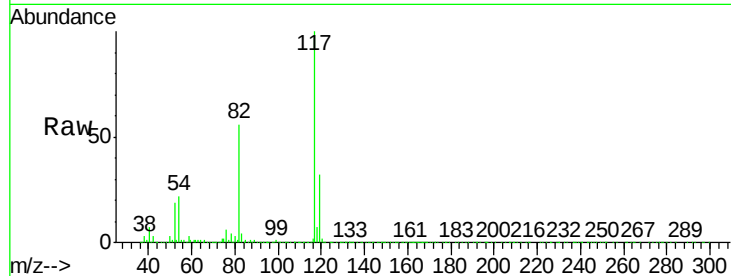




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

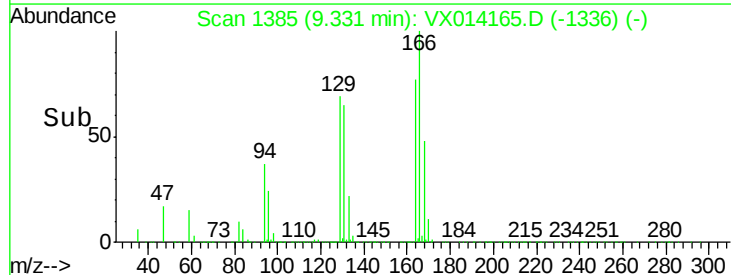
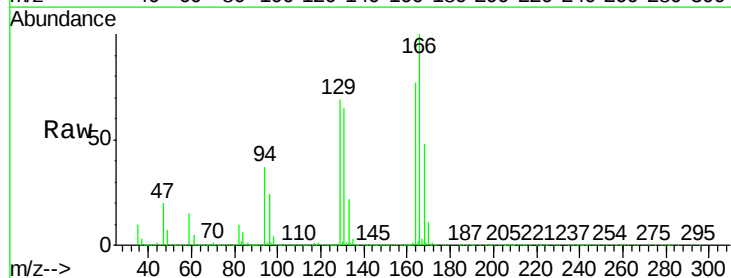
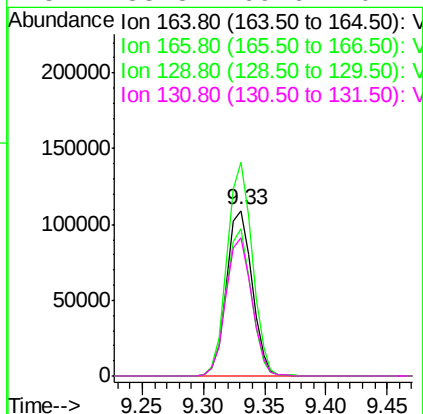
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

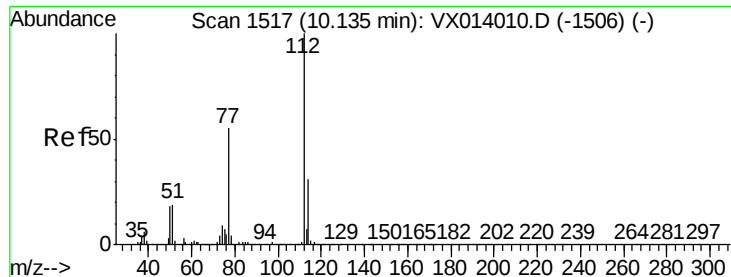
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.7	42.2	63.4
119	31.6	25.1	37.7



#64
Tetrachloroethene
Concen: 19.413 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	104.0	156.0
129	89.1	72.2	108.4
131	83.8	69.6	104.4





#65

Chlorobenzene

Concen: 19.976 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

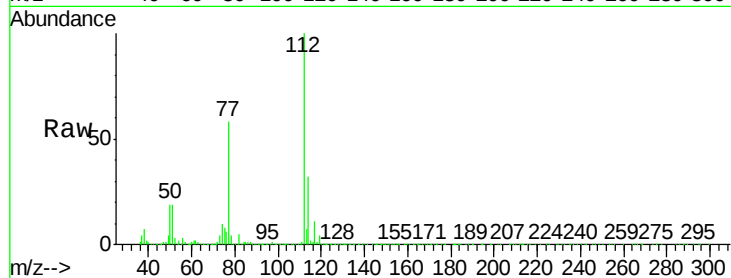
VX1220WBS01

Tgt Ion:112 Resp: 390235

Ion Ratio Lower Upper

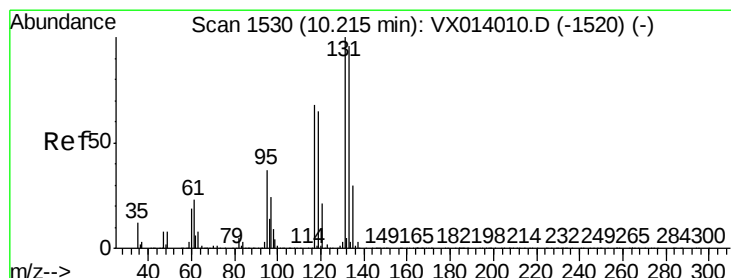
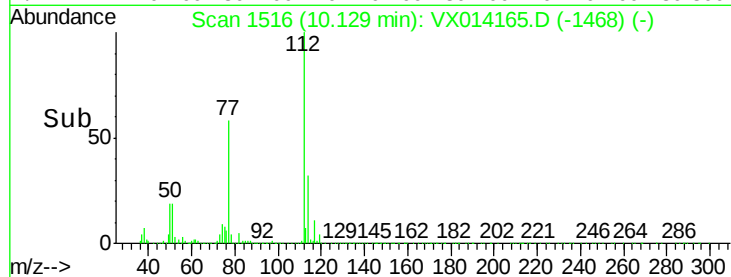
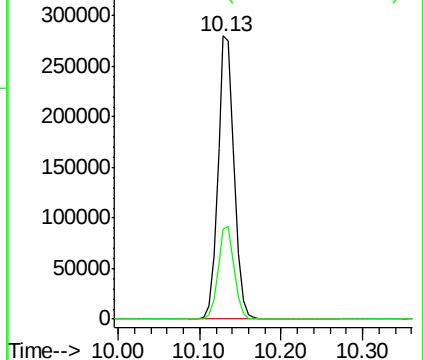
112 100

114 31.8 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: 20.668 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

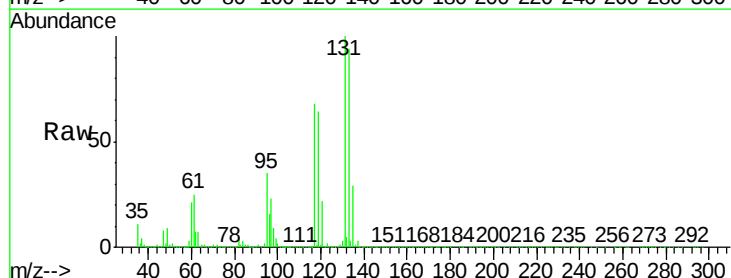
Tgt Ion:131 Resp: 144165

Ion Ratio Lower Upper

131 100

133 93.9 48.0 144.0

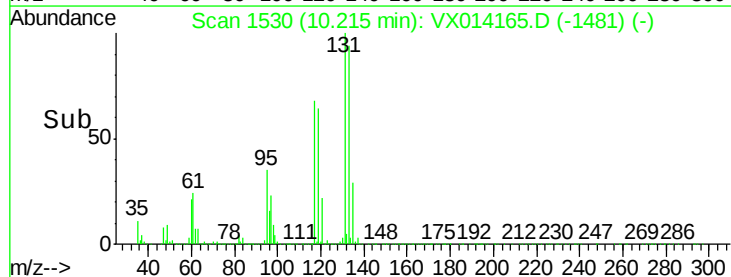
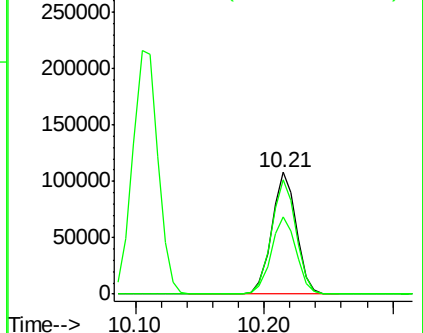
119 64.9 33.4 100.2

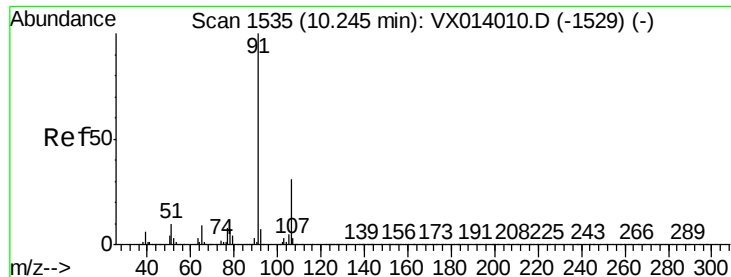


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

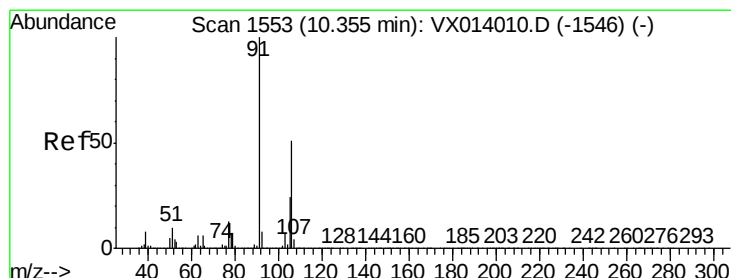
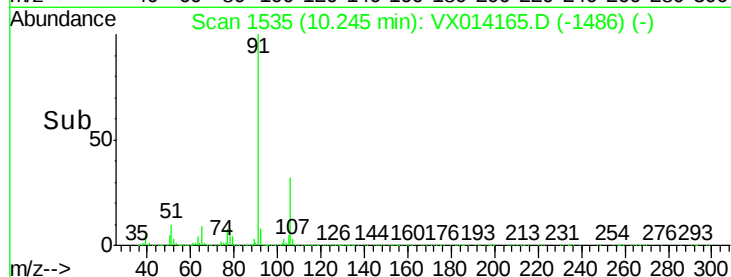
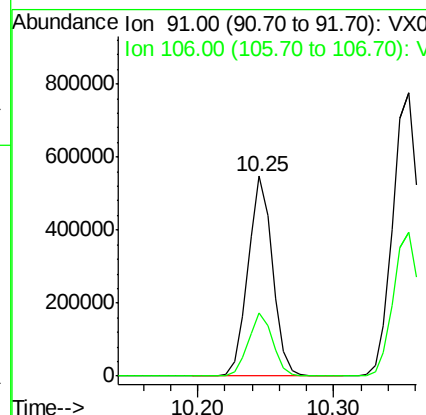
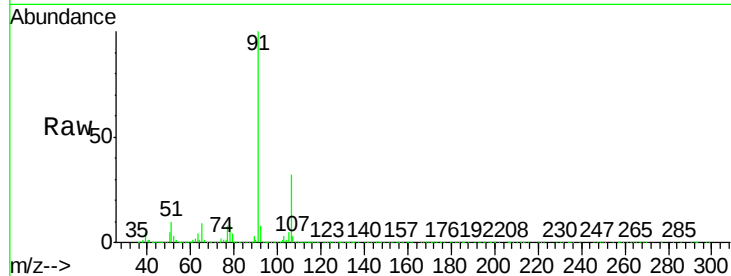




#67
Ethyl Benzene
Concen: 20.539 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

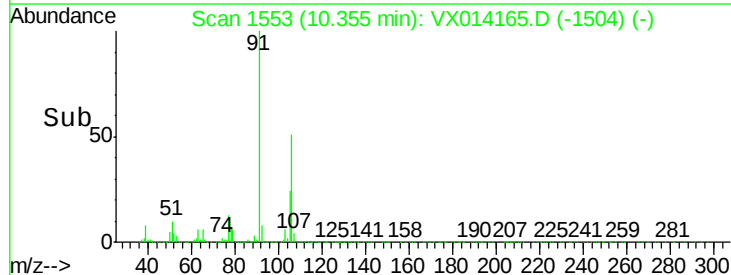
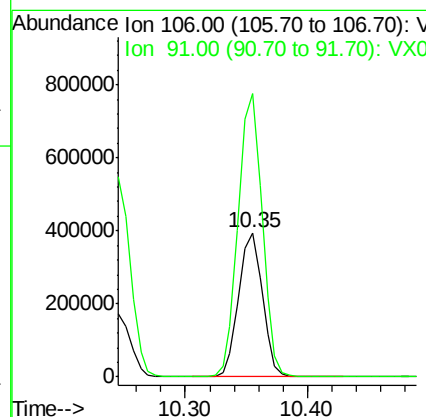
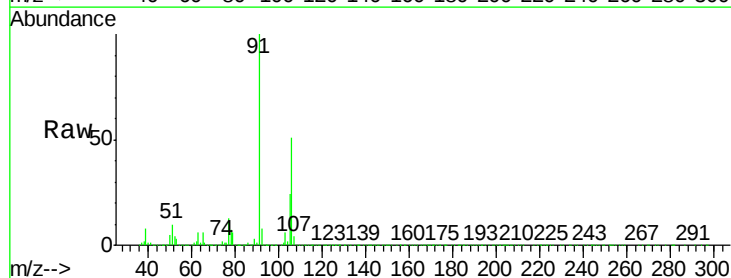
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

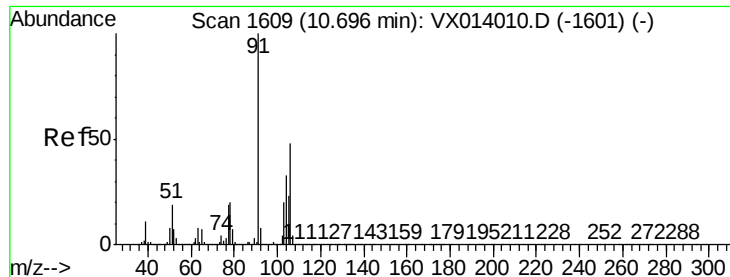
Tgt Ion: 91 Resp: 689827
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.6



#68
m/p-Xylenes
Concen: 41.034 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion: 106 Resp: 530062
Ion Ratio Lower Upper
106 100
91 197.9 158.6 238.0

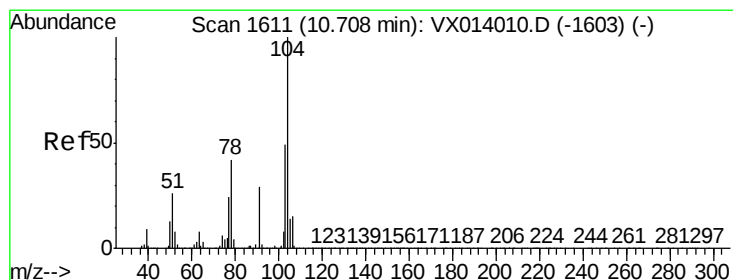
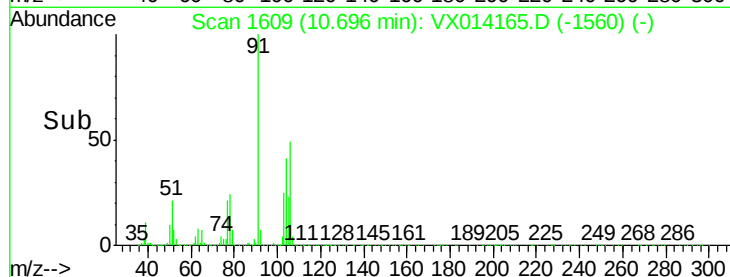
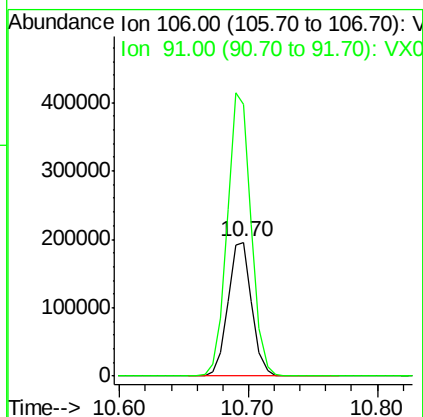
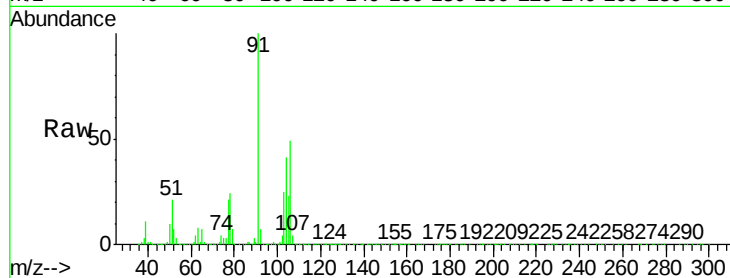




#69
o-Xylene
Concen: 20.029 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

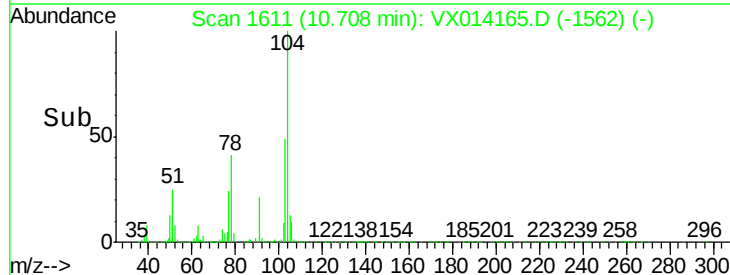
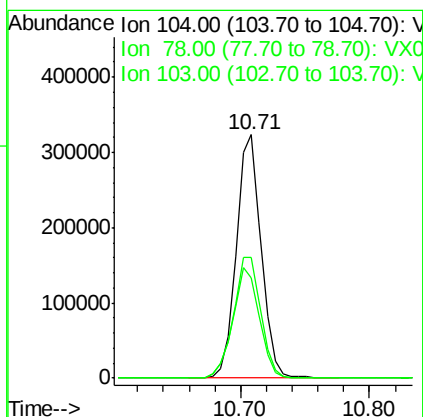
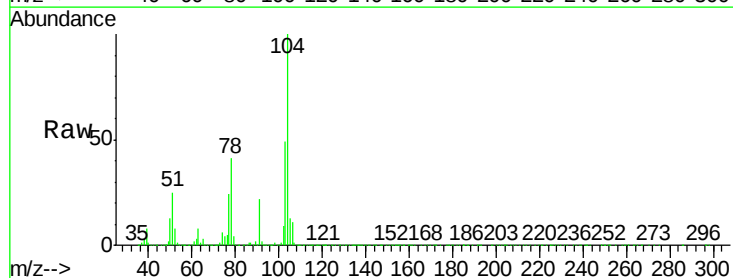
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

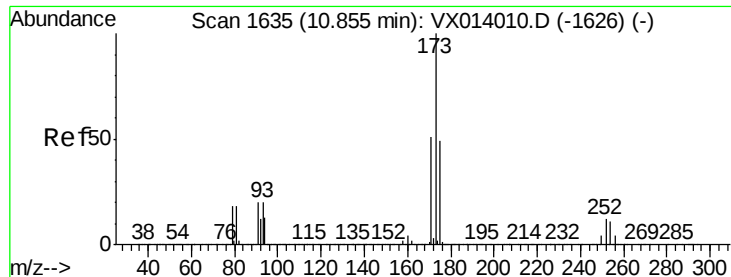
Tgt Ion:106 Resp: 253753
Ion Ratio Lower Upper
106 100
91 212.1 104.2 312.6



#70
Styrene
Concen: 20.115 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion:104 Resp: 430933
Ion Ratio Lower Upper
104 100
78 49.3 38.5 57.7
103 55.1 42.9 64.3

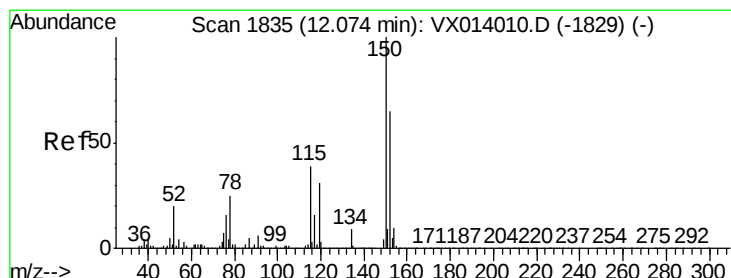
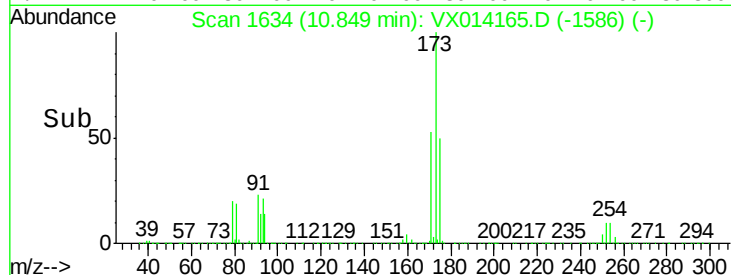
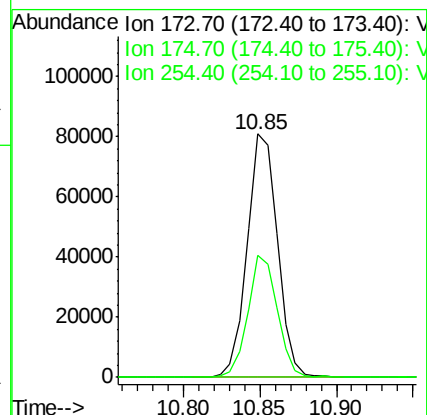
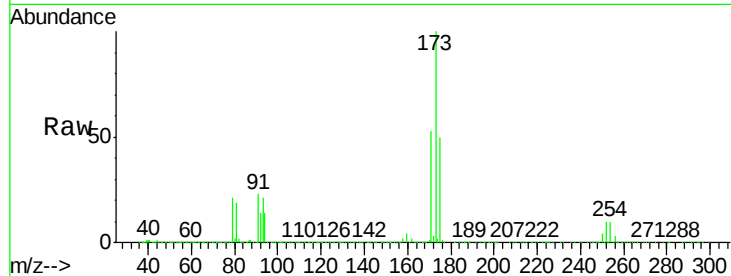




#71
Bromoform
Concen: 19.849 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

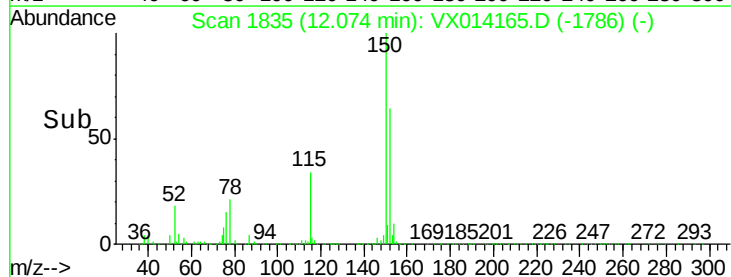
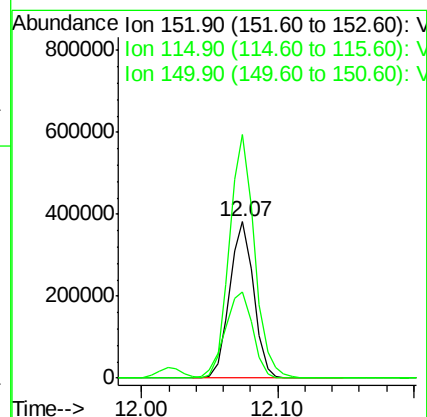
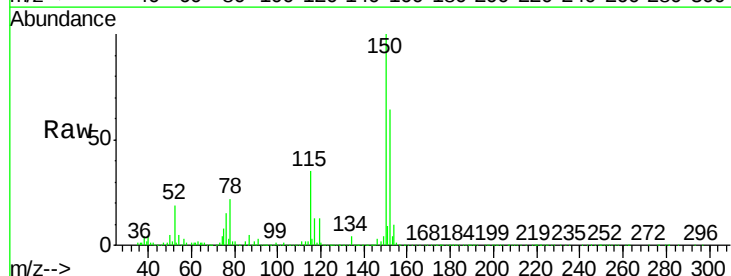
Instrument :
MSVOA_X
ClientSampled :
VX1220WBS01

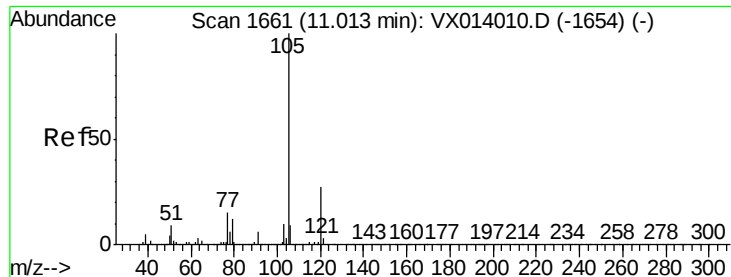
Tgt Ion:173 Resp: 111290
Ion Ratio Lower Upper
173 100
175 48.7 24.4 73.4
254 0.5 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion:152 Resp: 466485
Ion Ratio Lower Upper
152 100
115 63.9 38.3 114.9
150 162.3 0.0 345.4





#73

Isopropylbenzene

Concen: 20.656 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

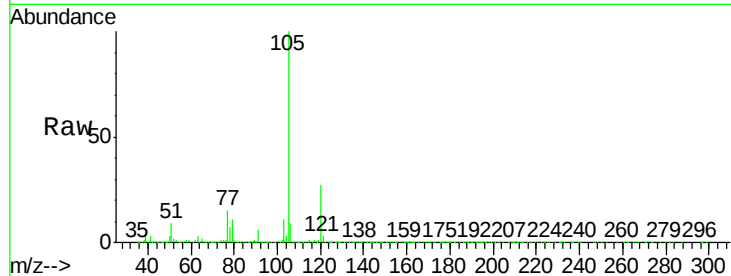
VX1220WBS01

Tgt Ion: 105 Resp: 678433

Ion Ratio Lower Upper

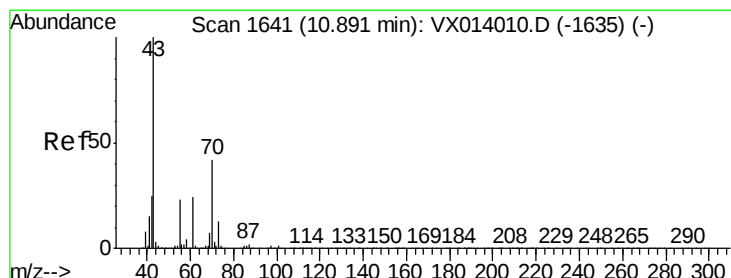
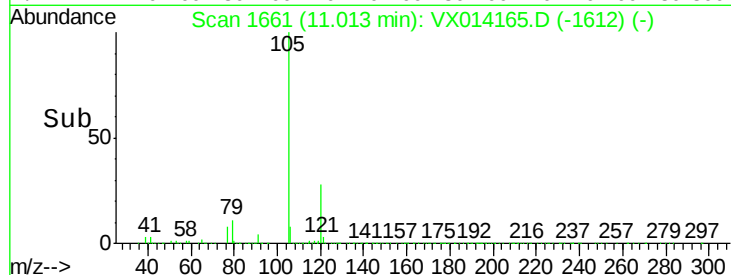
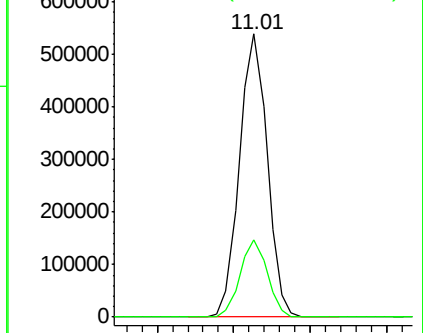
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.300 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Tgt Ion: 43 Resp: 297128

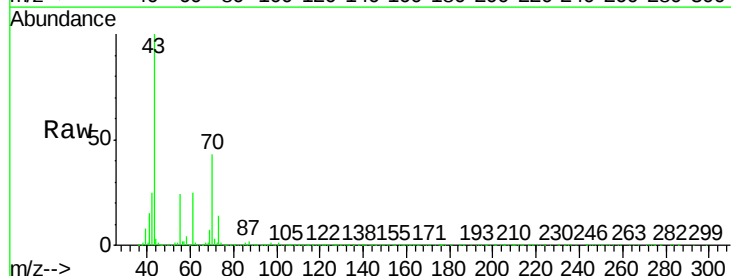
Ion Ratio Lower Upper

43 100

70 44.2 34.4 51.6

55 24.0 19.1 28.7

61 25.1 19.7 29.5

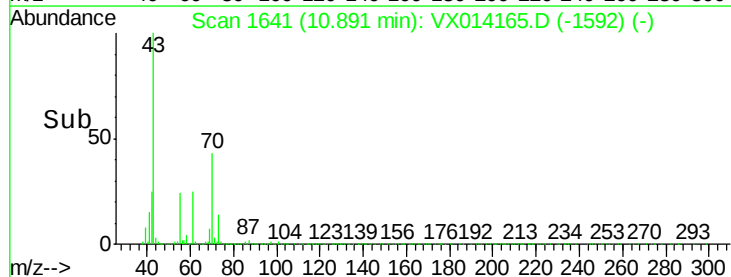
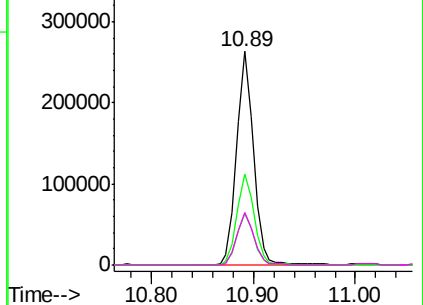


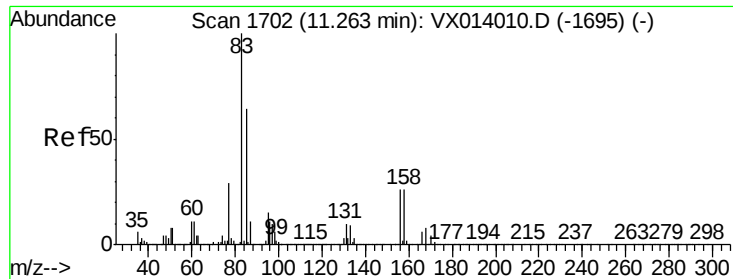
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.429 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

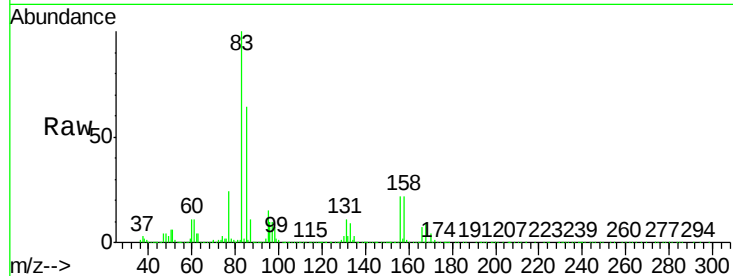
Tgt Ion: 83 Resp: 221235

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.2

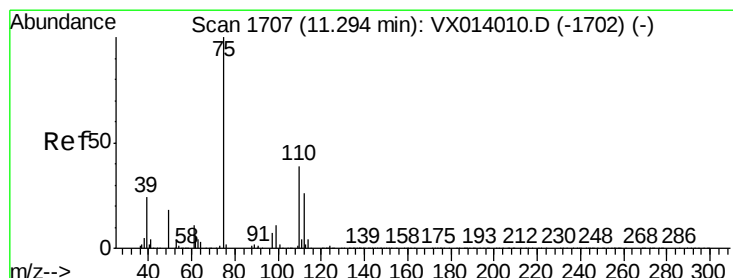
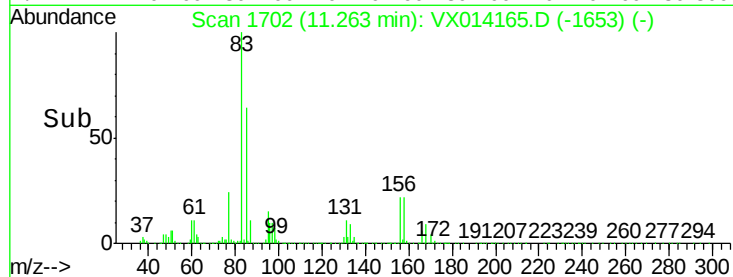
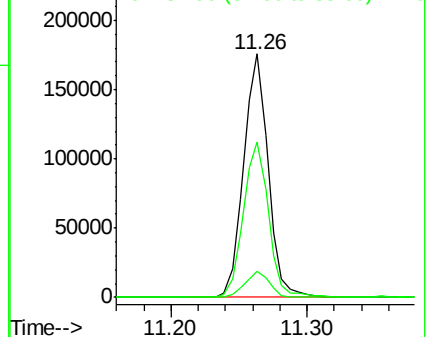
85 65.2 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.743 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014165.D

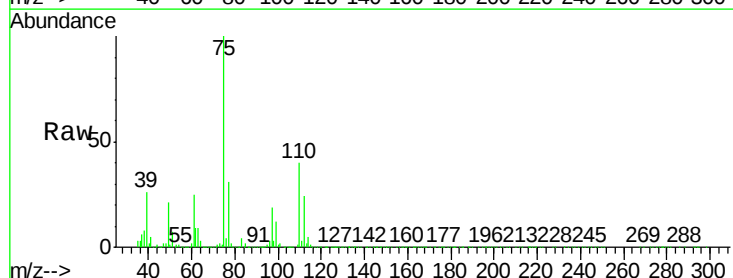
Acq: 20 Dec 2019 11:36

Tgt Ion: 75 Resp: 250582

Ion Ratio Lower Upper

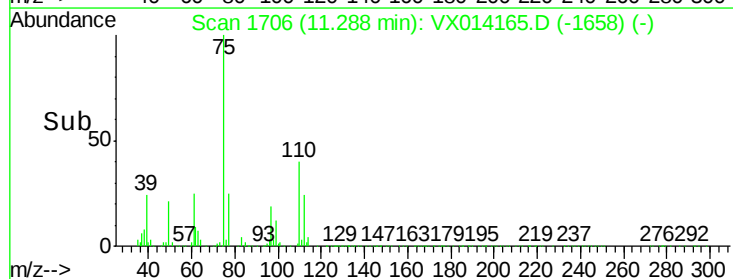
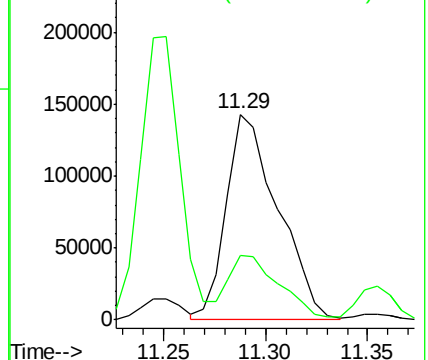
75 100

77 30.5 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.931 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampled :

VX1220WBS01

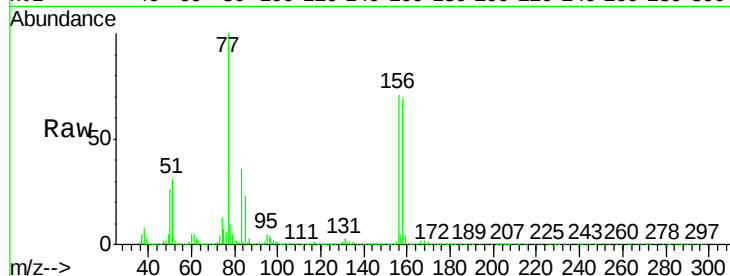
Tgt Ion: 156 Resp: 180107

Ion Ratio Lower Upper

156 100

77 145.7 76.5 229.5

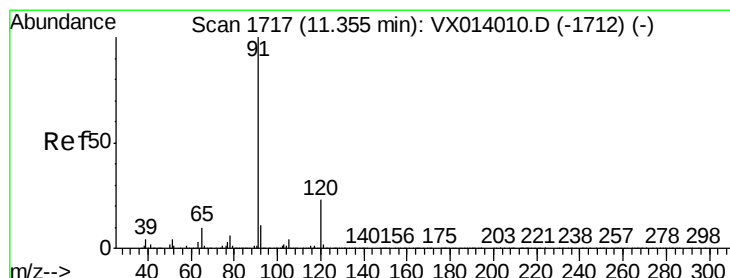
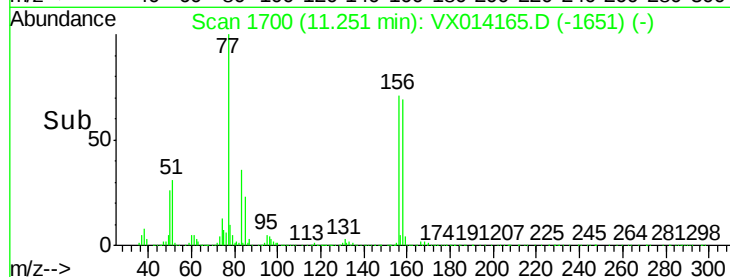
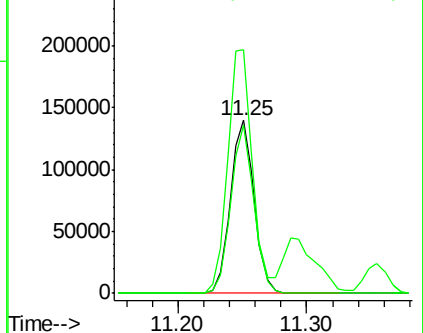
158 94.7 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.907 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014165.D

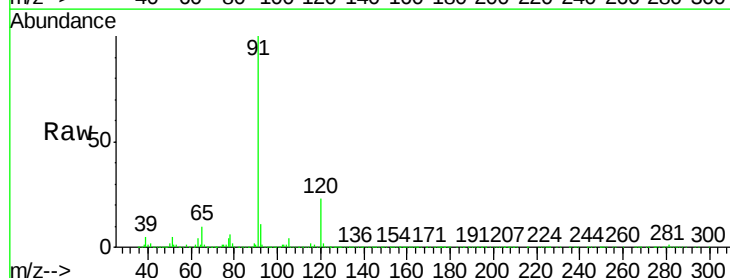
Acq: 20 Dec 2019 11:36

Tgt Ion: 91 Resp: 770239

Ion Ratio Lower Upper

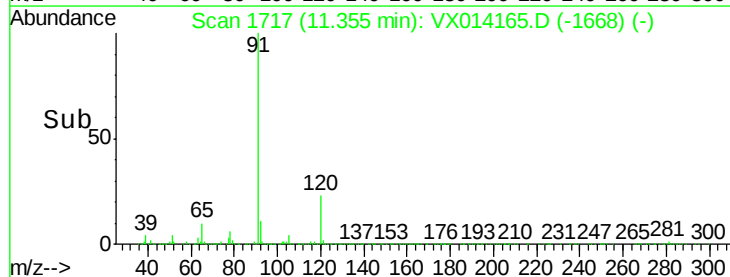
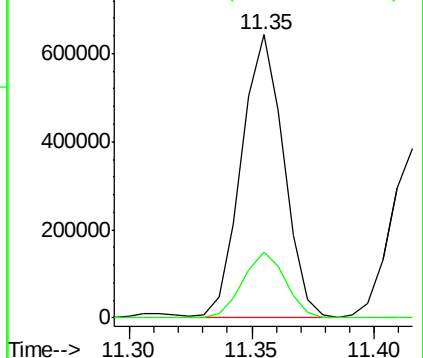
91 100

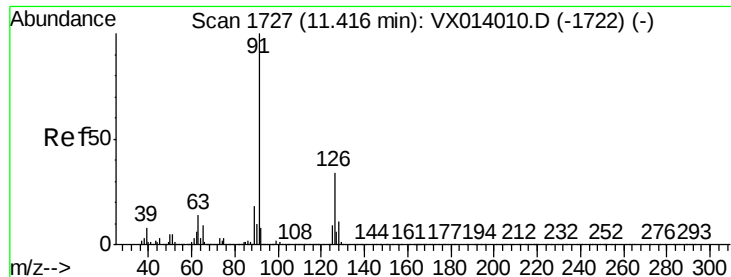
120 23.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.517 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

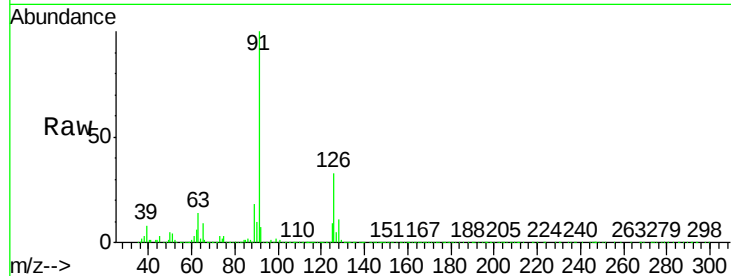
VX1220WBS01

Tgt Ion: 91 Resp: 459476

Ion Ratio Lower Upper

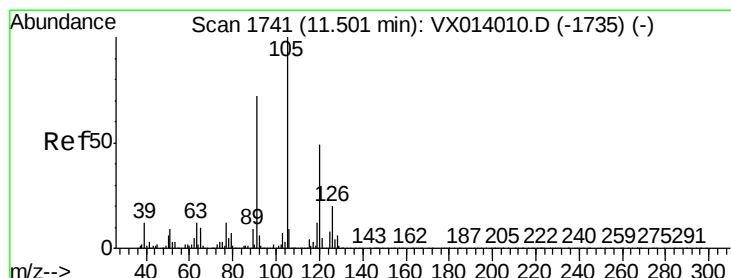
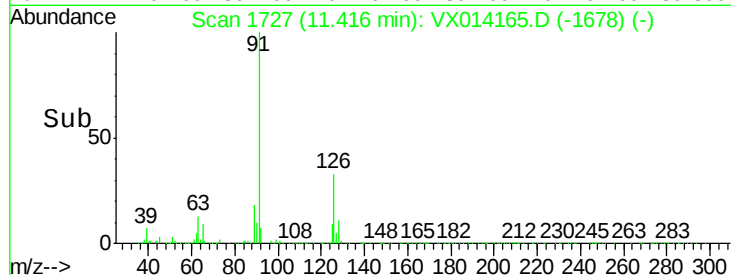
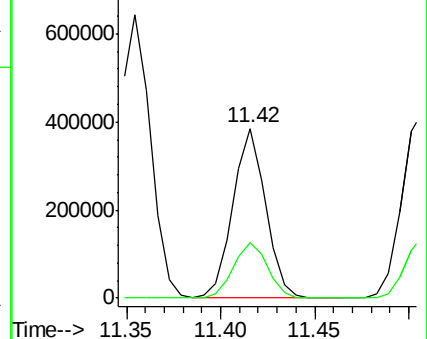
91 100

126 34.6 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.750 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014165.D

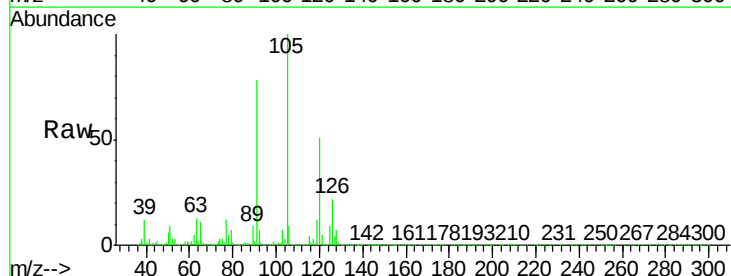
Acq: 20 Dec 2019 11:36

Tgt Ion: 105 Resp: 573554

Ion Ratio Lower Upper

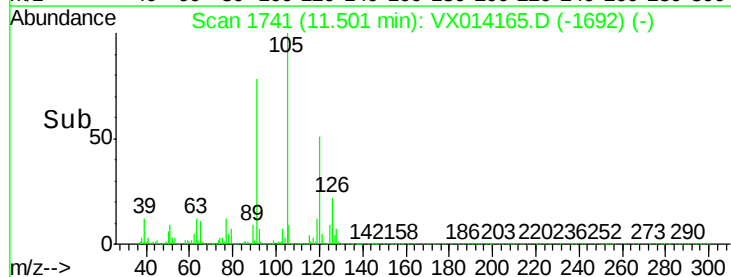
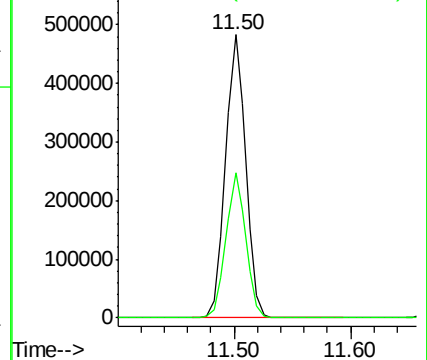
105 100

120 50.3 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.375 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

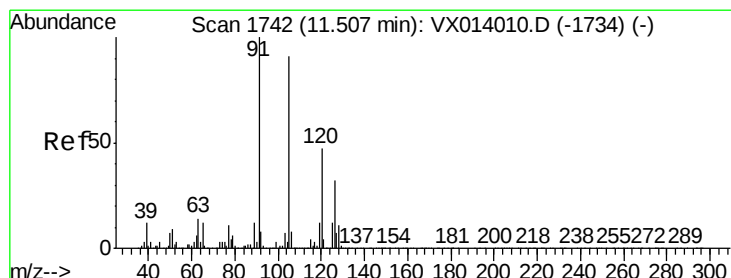
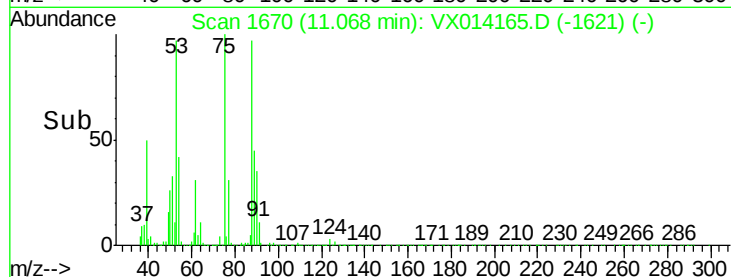
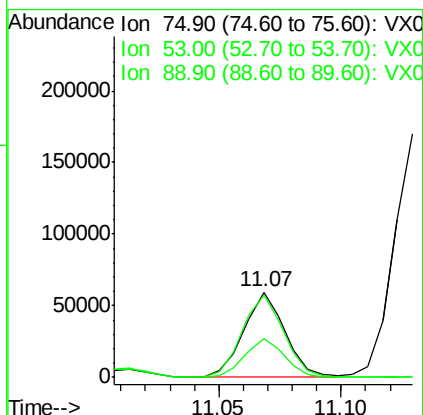
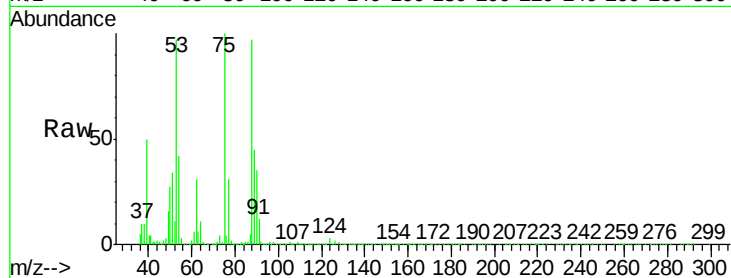
Tgt Ion: 75 Resp: 69518

Ion Ratio Lower Upper

75 100

53 98.4 76.7 115.1

89 43.9 34.6 51.8



#82

4-Chlorotoluene

Concen: 20.260 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014165.D

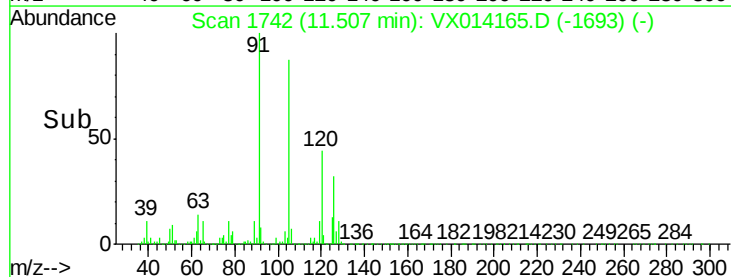
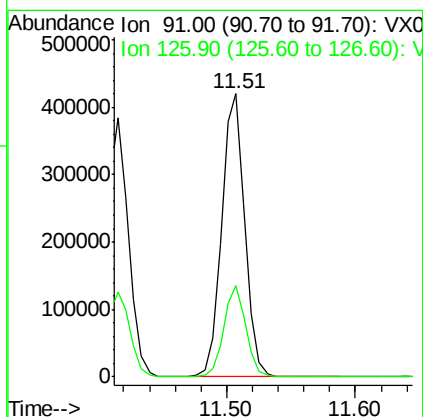
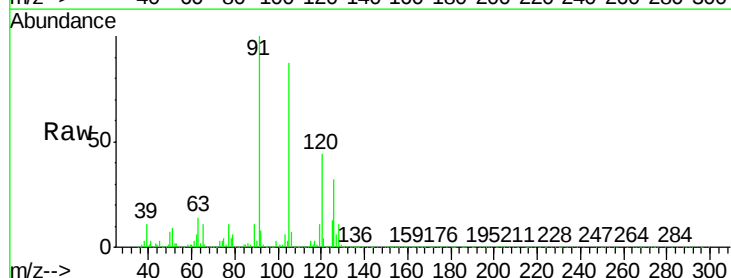
Acq: 20 Dec 2019 11:36

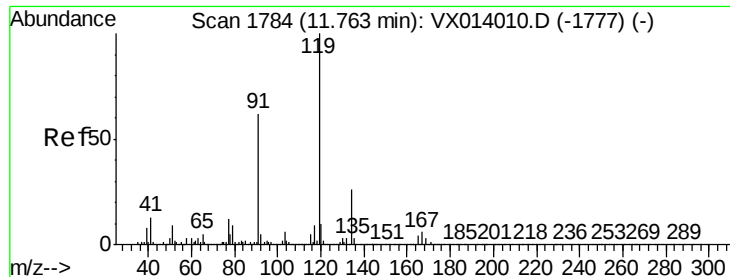
Tgt Ion: 91 Resp: 526282

Ion Ratio Lower Upper

91 100

126 30.7 15.6 46.8

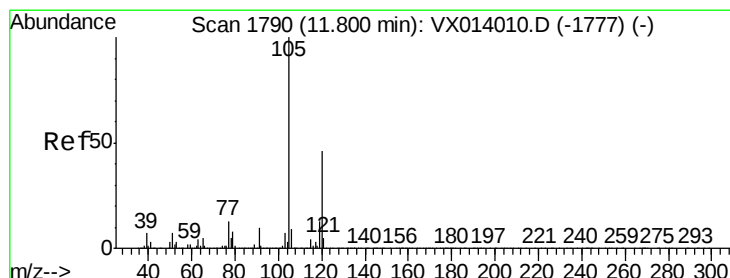
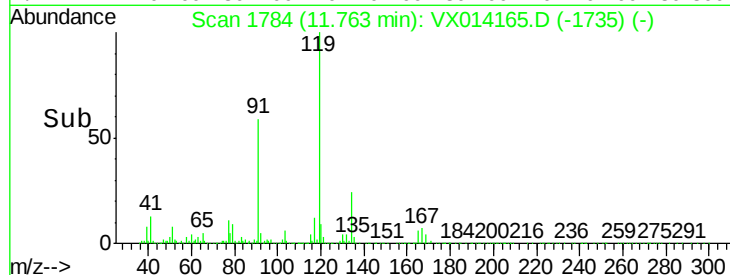
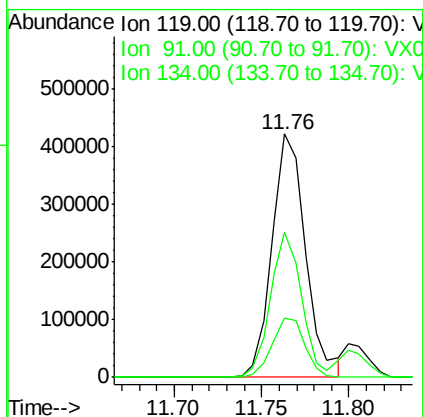
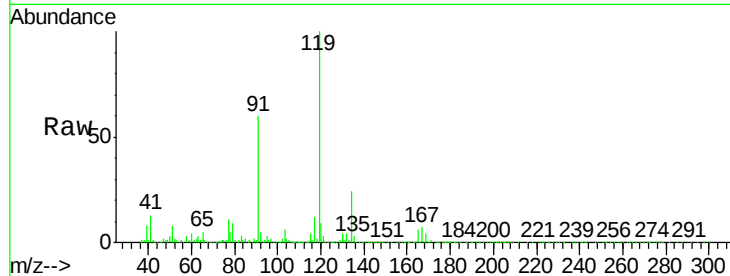




#83
tert-Butylbenzene
Concen: 20.919 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

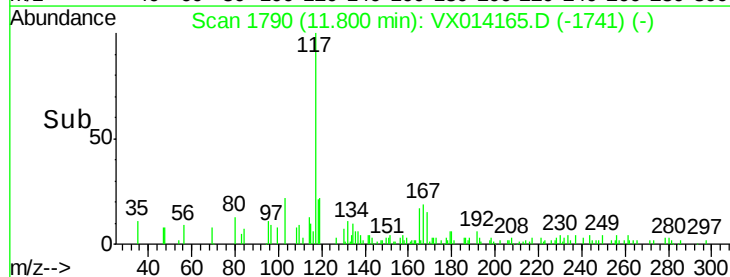
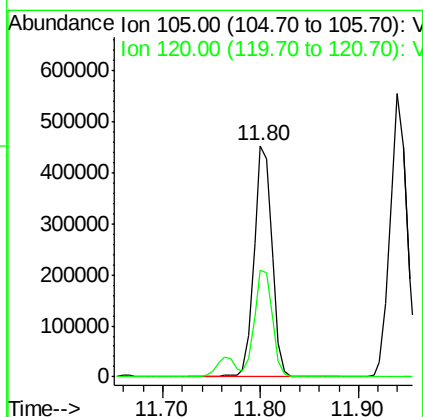
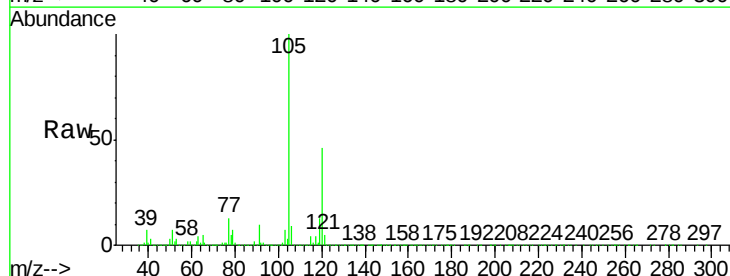
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

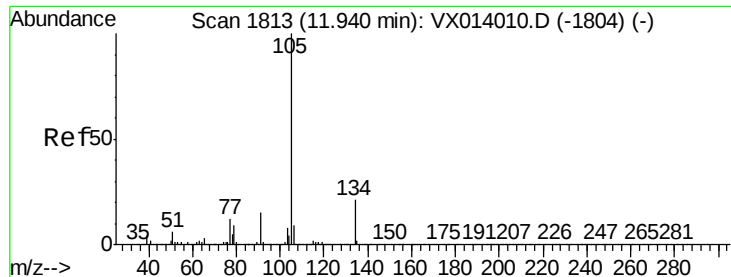
Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.2	28.5	85.6
134	23.9	12.2	36.6



#84
1,2,4-Trimethylbenzene
Concen: 20.638 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.1	69.2





#85

sec-Butylbenzene

Concen: 20.776 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

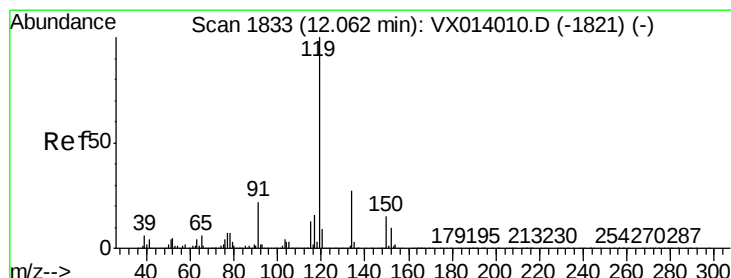
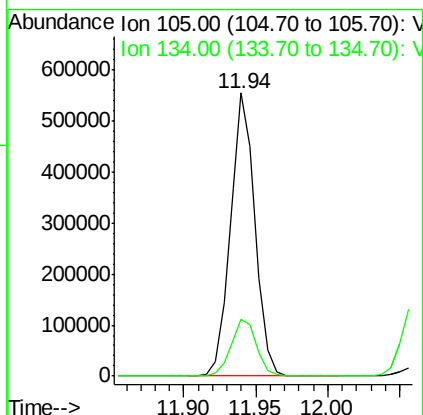
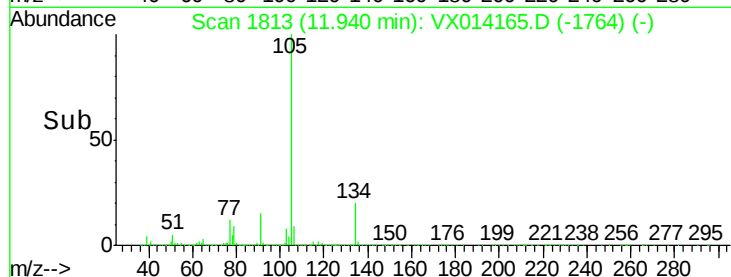
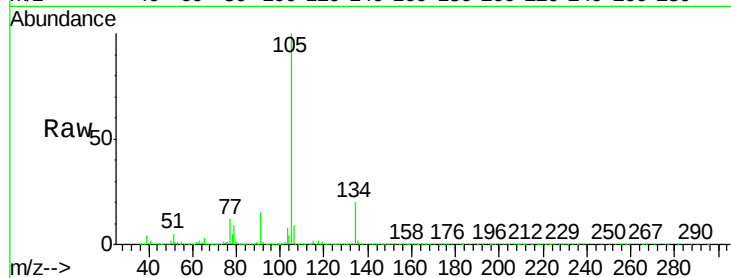
VX1220WBS01

Tgt Ion:105 Resp: 659765

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.1



#86

p-Isopropyltoluene

Concen: 21.034 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

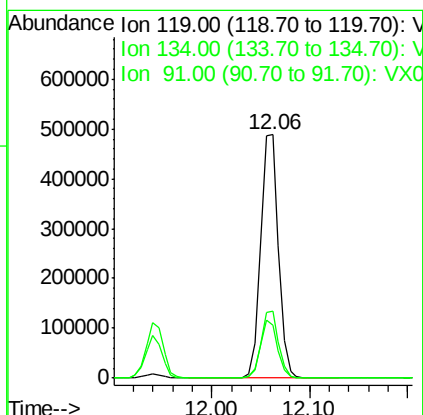
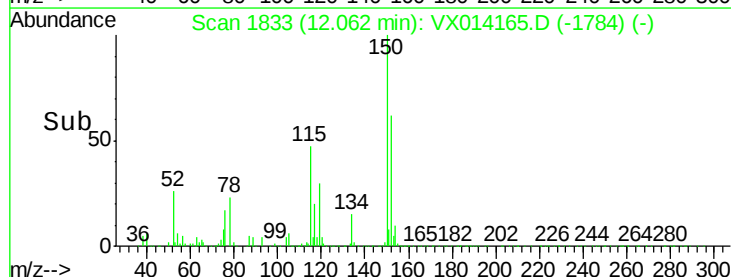
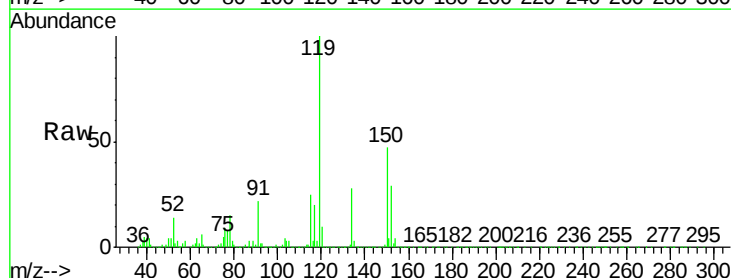
Tgt Ion:119 Resp: 611008

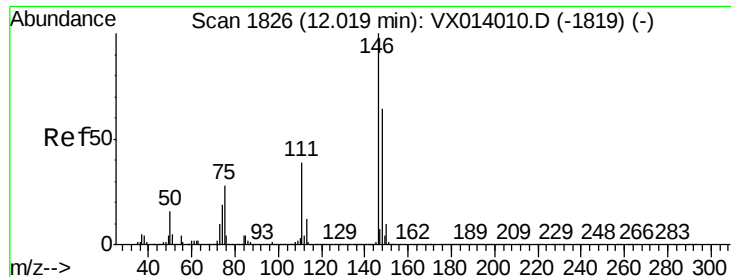
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 22.6 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.911 ug/l

RT: 12.02 min Scan# 1826

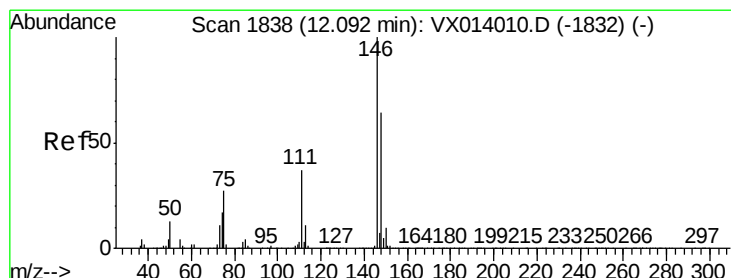
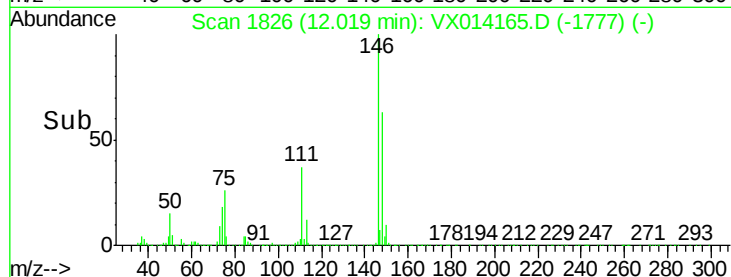
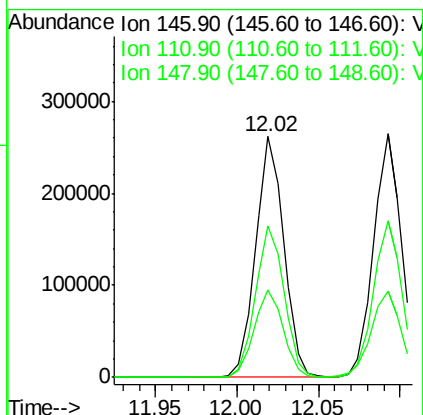
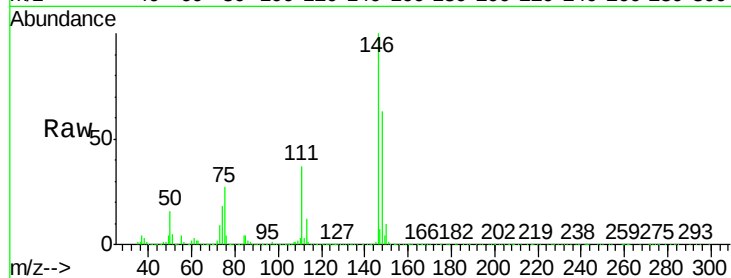
Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.1
148	64.0	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 19.555 ug/l

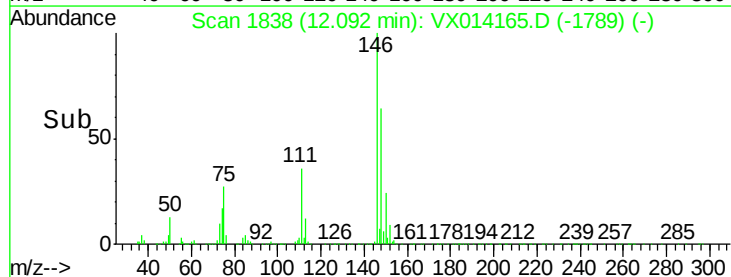
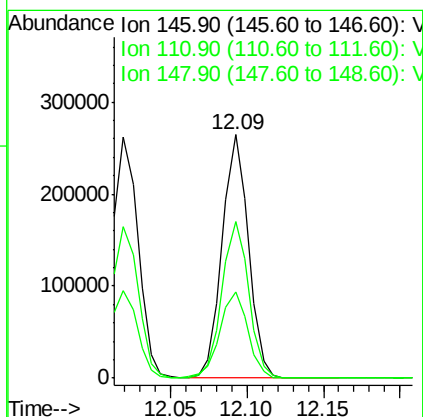
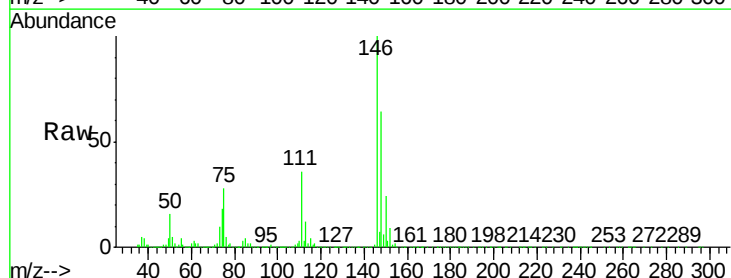
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.7	56.1
148	65.5	31.9	95.9

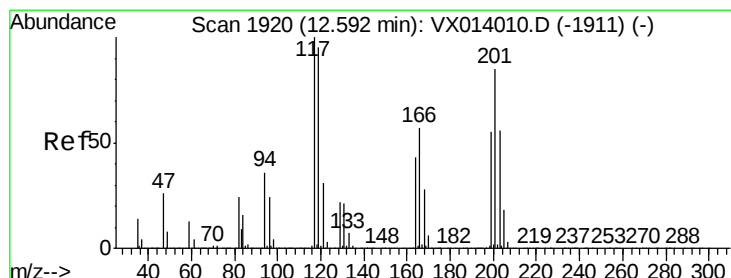
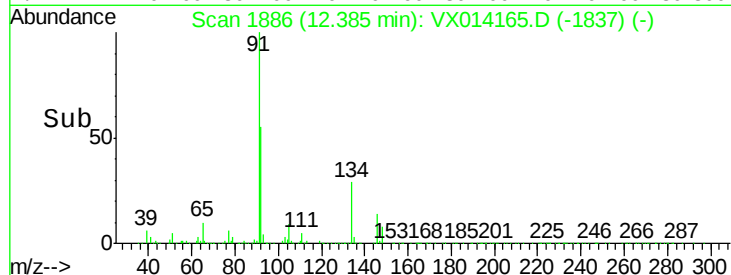
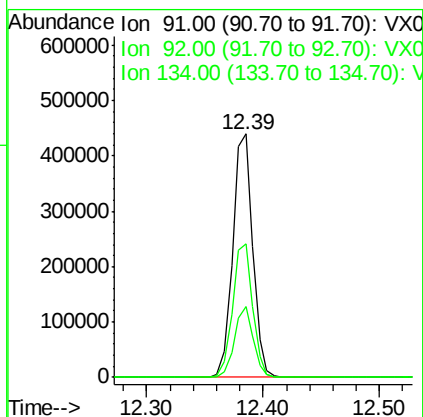
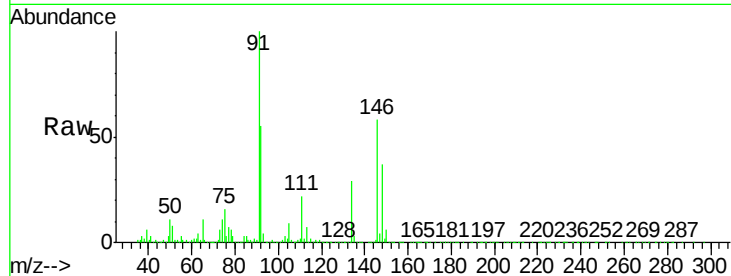




#89
n-Butylbenzene
Concen: 21.232 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

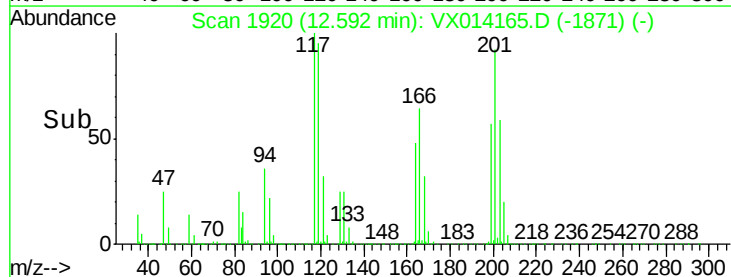
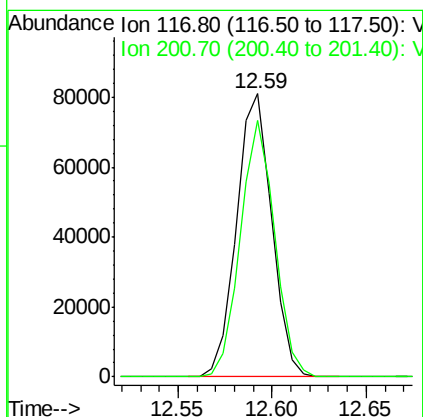
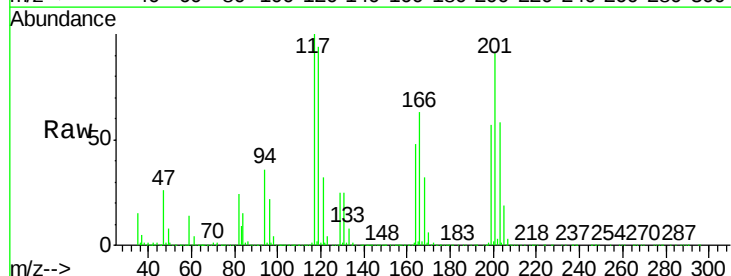
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tgt Ion: 91 Resp: 526259
Ion Ratio Lower Upper
91 100
92 55.1 27.2 81.6
134 27.5 13.4 40.1



#90
Hexachloroethane
Concen: 19.986 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion: 117 Resp: 104278
Ion Ratio Lower Upper
117 100
201 89.1 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 19.713 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

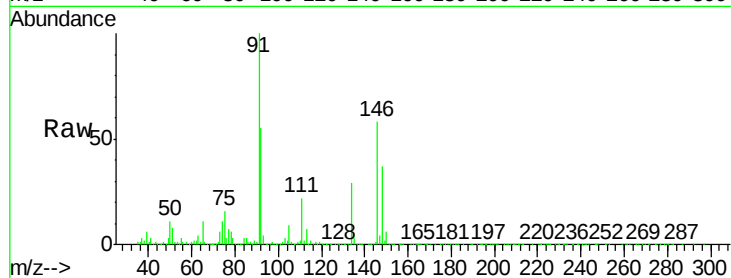
Tgt Ion: 146 Resp: 314293

Ion Ratio Lower Upper

146 100

111 38.7 19.7 59.1

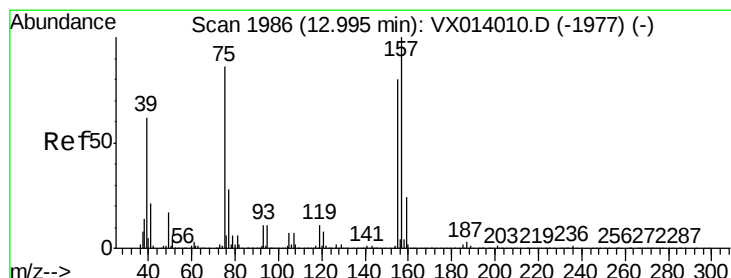
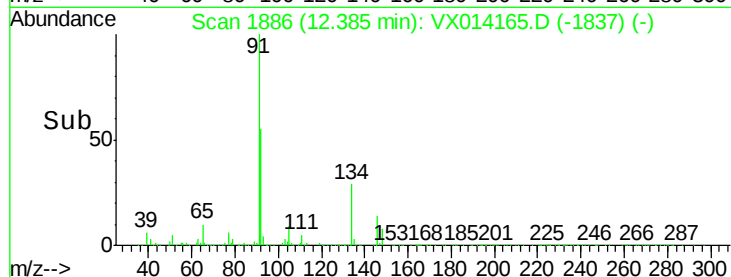
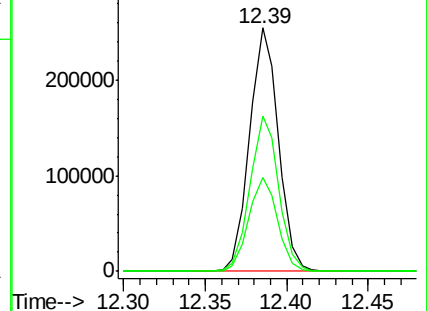
148 63.3 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.137 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

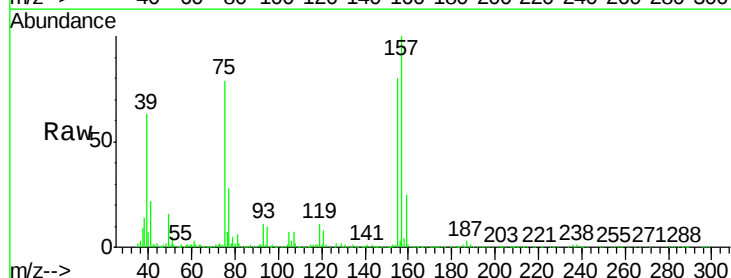
Tgt Ion: 75 Resp: 45702

Ion Ratio Lower Upper

75 100

155 97.6 46.9 140.6

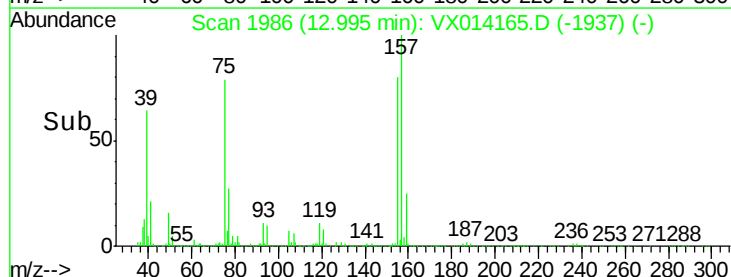
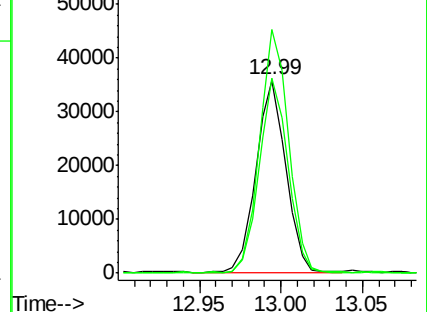
157 124.3 60.8 182.4

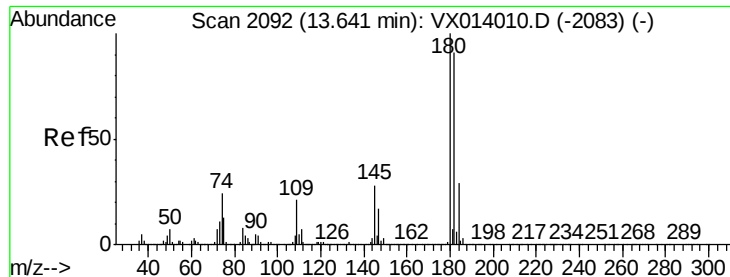


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

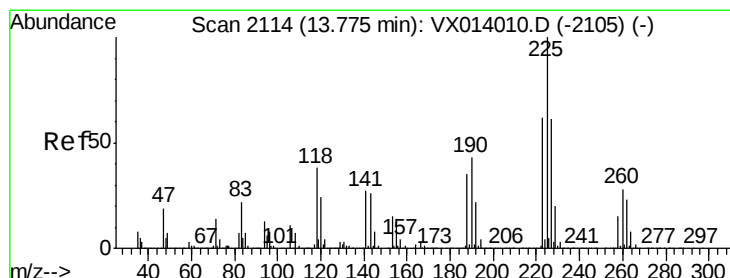
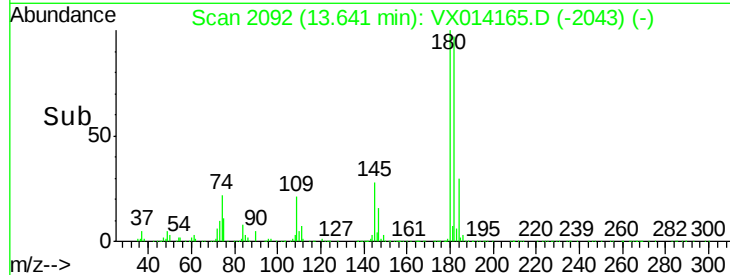
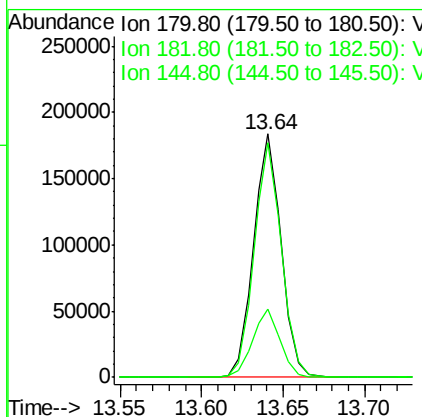
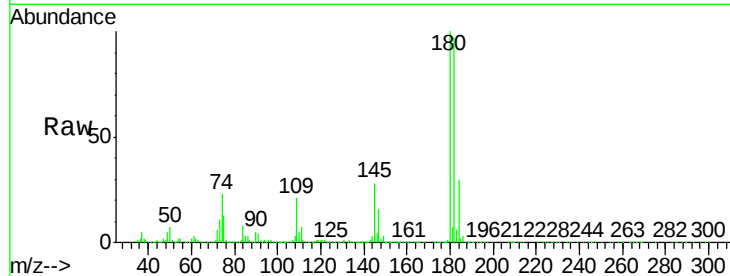




#93
 1,2,4-Trichlorobenzene
 Concen: 20.820 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014165.D
 Acq: 20 Dec 2019 11:36

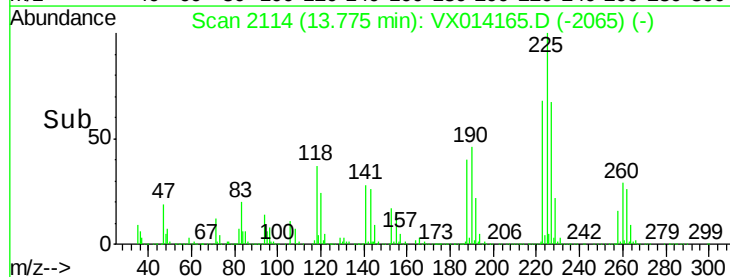
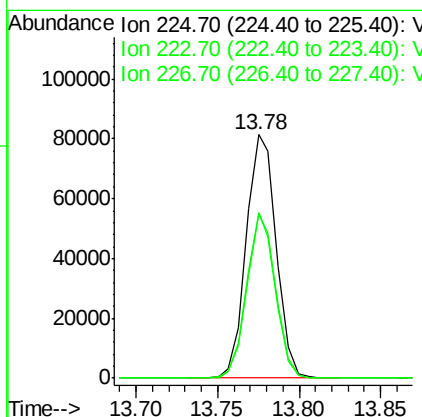
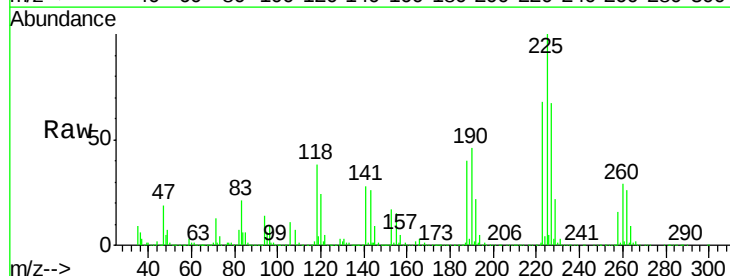
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01

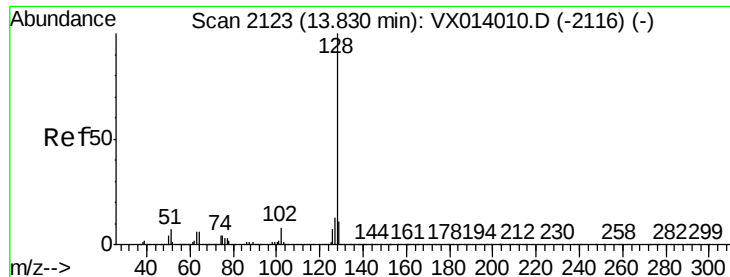
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	46.6	139.8
145	28.0	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 20.920 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014165.D
 Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	30.9	92.5
227	64.5	30.9	92.7

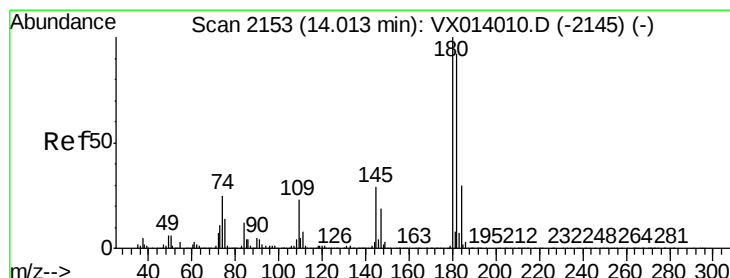
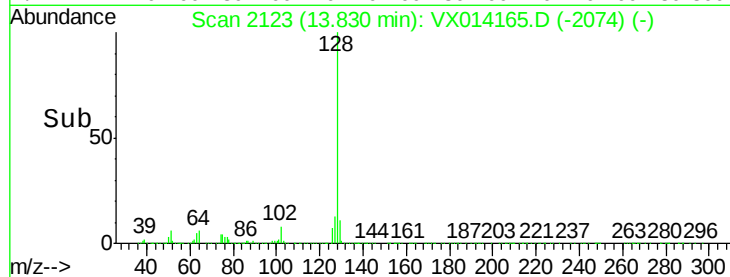
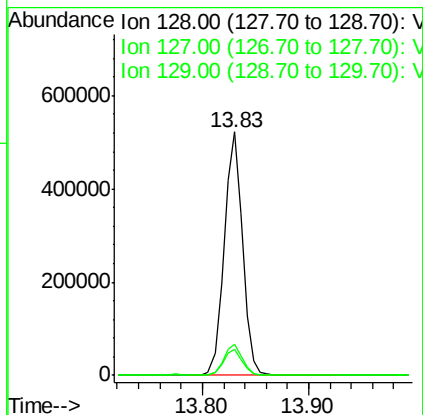
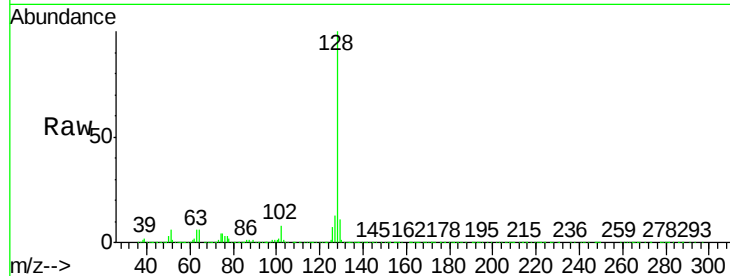




#95
Naphthalene
Concen: 20.606 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.557 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	46.8	140.3
145	30.2	14.8	44.4

