

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122319\
 Data File : VX014216.D
 Acq On : 23 Dec 2019 20:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 24 01:34:29 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	529272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	821176	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	736095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	369296	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	284685	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
35) Dibromofluoromethane	5.49	113	236837	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
50) Toluene-d8	8.71	98	926047	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
62) 4-Bromofluorobenzene	11.14	95	327302	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	203901	43.062	ug/l	99
3) Chloromethane	1.32	50	272200	42.836	ug/l	100
4) Vinyl Chloride	1.40	62	301655	44.989	ug/l	98
5) Bromomethane	1.63	94	161064	33.844	ug/l	100
6) Chloroethane	1.72	64	193220	46.691	ug/l	94
7) Trichlorofluoromethane	1.92	101	388670	46.826	ug/l	100
8) Diethyl Ether	2.18	74	180235	46.268	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	235551	47.078	ug/l	99
10) Methyl Iodide	2.50	142	226006	35.078	ug/l	99
11) Tert butyl alcohol	3.03	59	303986	234.529	ug/l	99
12) 1,1-Dichloroethene	2.37	96	235022	46.162	ug/l	97
13) Acrolein	2.28	56	173160	233.382	ug/l	100
14) Allyl chloride	2.72	41	429340	47.230	ug/l	99
15) Acrylonitrile	3.13	53	752132	248.613	ug/l	99
16) Acetone	2.43	43	634482	162.924	ug/l	99
17) Carbon Disulfide	2.56	76	605175	42.924	ug/l	99
18) Methyl Acetate	2.76	43	397900	51.563	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	817390	48.858	ug/l	98
20) Methylene Chloride	2.85	84	273811	44.649	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	254236	45.327	ug/l	97
22) Diisopropyl ether	3.84	45	878223	48.481	ug/l	96
23) Vinyl Acetate	3.80	43	3021707	204.409	ug/l	100
24) 1,1-Dichloroethane	3.69	63	473527	46.985	ug/l	98
25) 2-Butanone	4.65	43	1040456	216.704	ug/l	98
26) 2,2-Dichloropropane	4.58	77	346925	44.336	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	297802	46.946	ug/l	99
28) Bromochloromethane	5.00	49	197879	51.043	ug/l	99
29) Tetrahydrofuran	5.11	42	673338	250.733	ug/l	99
30) Chloroform	5.20	83	467464	48.929	ug/l	99
31) Cyclohexane	5.57	56	425944	47.519	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	390678	47.980	ug/l	98
36) 1,1-Dichloropropene	5.79	75	349250	46.352	ug/l	99
37) Ethyl Acetate	4.82	43	409681	49.238	ug/l	100
38) Carbon Tetrachloride	5.78	117	330318	48.123	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	419818	45.124	ug/l	97
40) Benzene	6.14	78	1079118	46.547	ug/l	98
41) Methacrylonitrile	5.03	41	225505	48.846	ug/l	100
42) 1,2-Dichloroethane	6.18	62	369217	46.982	ug/l	100
43) Isopropyl Acetate	6.43	43	668550	48.551	ug/l	100
44) Trichloroethene	7.20	130	301526	47.088	ug/l	99
45) 1,2-Dichloropropane	7.51	63	286333	48.187	ug/l	96
46) Dibromomethane	7.65	93	181961	46.316	ug/l	99
47) Bromodichloromethane	7.89	83	363067	49.070	ug/l	99
48) Methyl methacrylate	7.76	41	331597	49.178	ug/l	99
49) 1,4-Dioxane	7.73	88	124597	908.025	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2092545	241.974	ug/l	99
52) Toluene	8.78	92	682609	46.583	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	398874	49.164	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	442132	48.916	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	280238	47.716	ug/l	98
56) Ethyl methacrylate	9.17	69	454502	49.266	ug/l	100
57) 1,3-Dichloropropane	9.37	76	466807	47.241	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	893772	256.002	ug/l	100
59) 2-Hexanone	9.49	43	1581976	227.246	ug/l	100
60) Dibromochloromethane	9.58	129	291826	49.989	ug/l	98
61) 1,2-Dibromoethane	9.67	107	292171	48.622	ug/l	100
64) Tetrachloroethene	9.33	164	404699	62.132	ug/l	98
65) Chlorobenzene	10.14	112	734239	46.913	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	273384	48.920	ug/l	99
67) Ethyl Benzene	10.25	91	1288615	47.890	ug/l	100
68) m/p-Xylenes	10.35	106	993816	96.028	ug/l	99
69) o-Xylene	10.70	106	483107	47.597	ug/l	99
70) Styrene	10.71	104	830441	48.384	ug/l	100
71) Bromoform	10.85	173	224302	49.933	ug/l	99
73) Isopropylbenzene	11.01	105	1266564	48.712	ug/l	99
74) N-amyl acetate	10.89	43	586518	48.123	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	413297	45.848	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	495004	61.742	ug/l	87
77) Bromobenzene	11.25	156	331477	46.335	ug/l	99
78) n-propylbenzene	11.35	91	1431891	49.096	ug/l	100
79) 2-Chlorotoluene	11.42	91	846082	47.724	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1055751	48.246	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	141314	49.750	ug/l	100
82) 4-Chlorotoluene	11.51	91	976545	47.487	ug/l	99
83) tert-Butylbenzene	11.76	119	917006	43.061	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	1052051	48.007	ug/l	100
85) sec-Butylbenzene	11.94	105	1217813	48.441	ug/l	99
86) p-Isopropyltoluene	12.06	119	1124995	48.921	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	583811	46.563	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	576555	45.225	ug/l	100
89) n-Butylbenzene	12.39	91	963612	49.109	ug/l	100
90) Hexachloroethane	12.59	117	200675	48.583	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	583076	46.197	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	89062	44.646	ug/l	94

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ClientSampleId :
VSTDCCC050EC

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

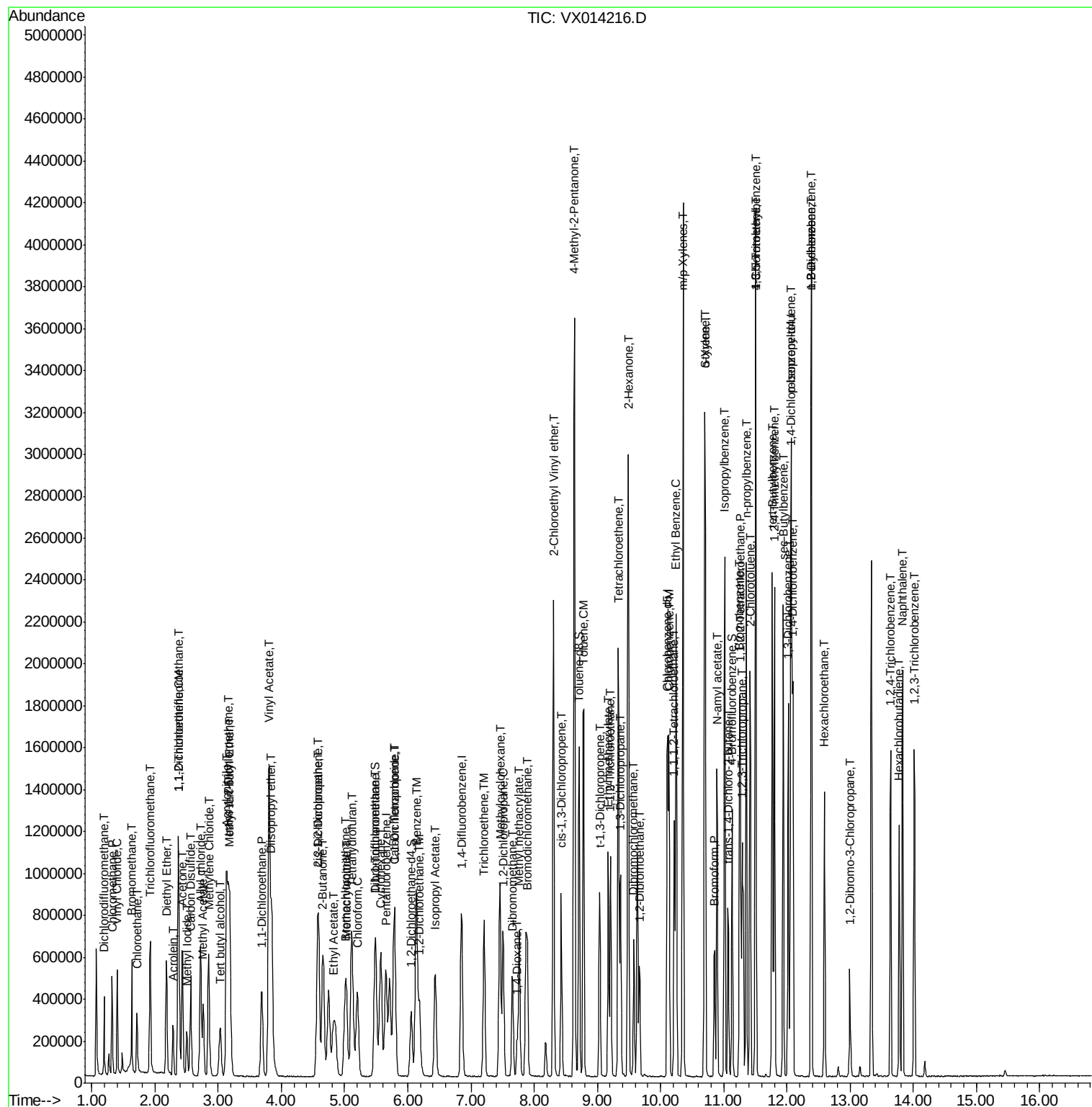
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	386204	47.078	ug/l	99
94) Hexachlorobutadiene	13.78	225	183525	46.550	ug/l	97
95) Naphthalene	13.83	128	1205120	50.001	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	389372	48.083	ug/l	98

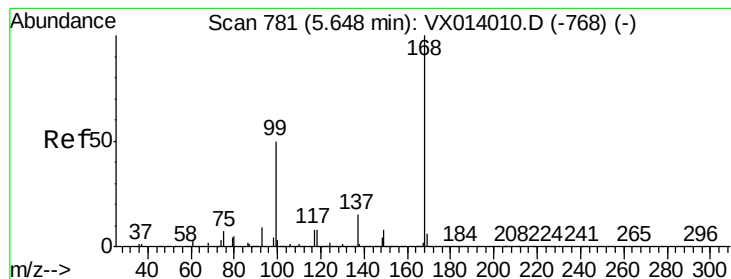
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

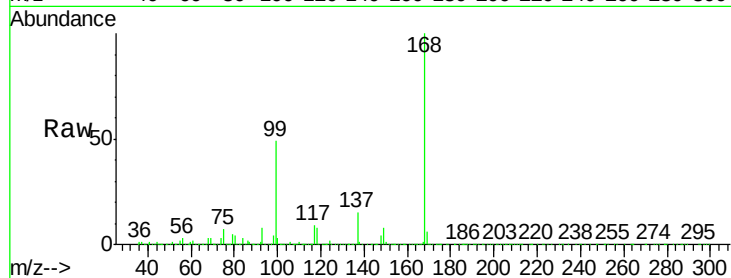
VSTDCCC050EC

Tgt Ion:168 Resp: 529272

Ion Ratio Lower Upper

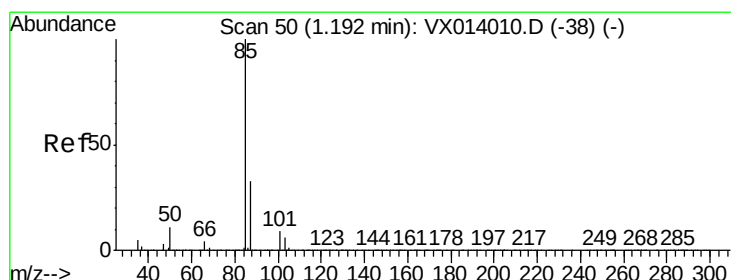
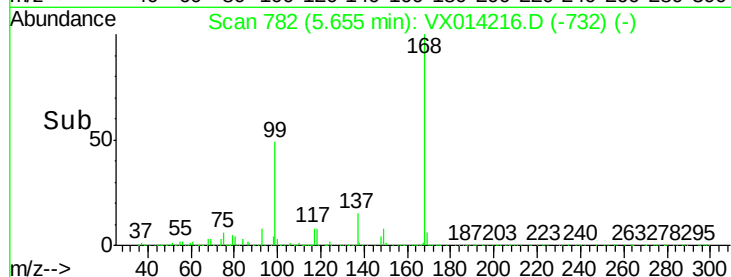
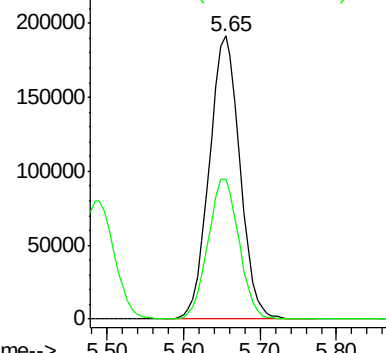
168 100

99 49.2 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: 43.062 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014216.D

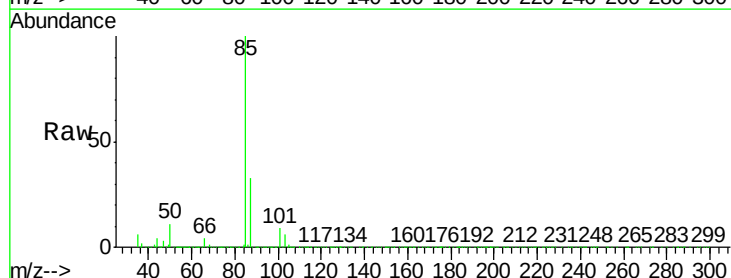
Acq: 23 Dec 2019 20:39

Tgt Ion: 85 Resp: 203901

Ion Ratio Lower Upper

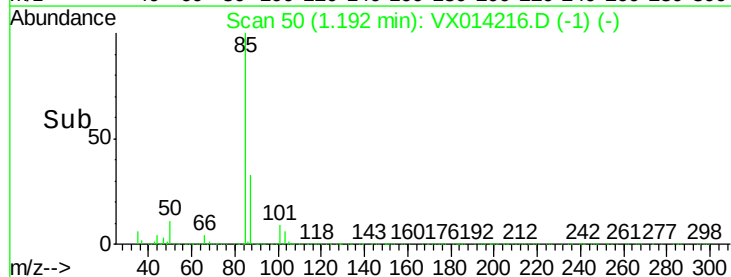
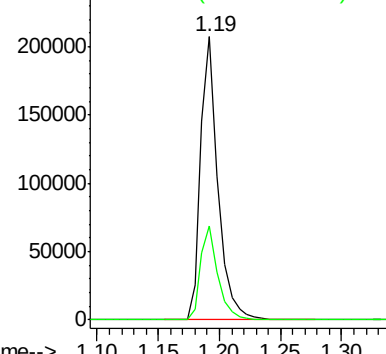
85 100

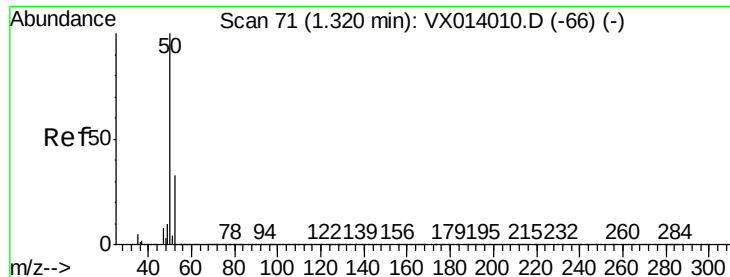
87 33.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.836 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

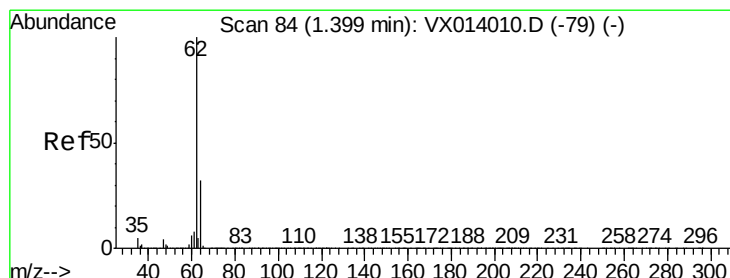
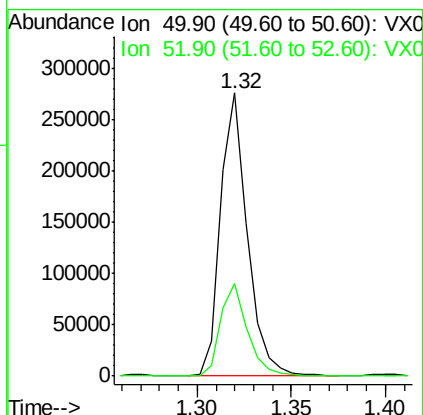
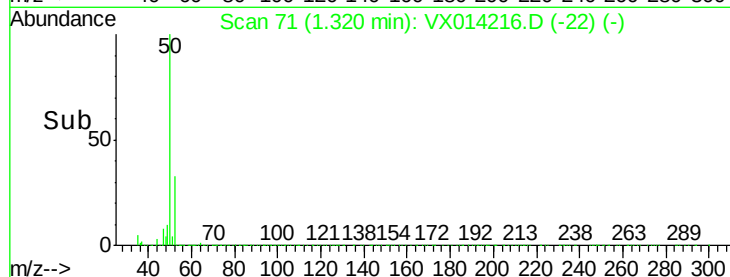
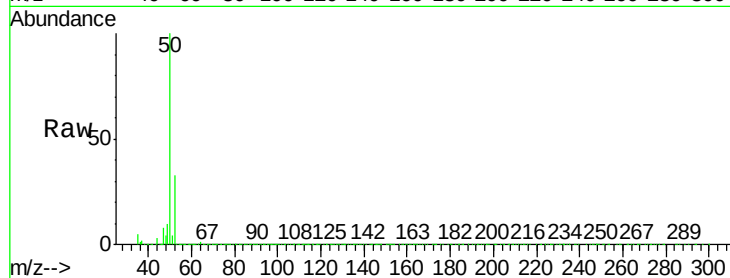
VSTDCCC050EC

Tgt Ion: 50 Resp: 272200

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.4



#4

Vinyl Chloride

Concen: 44.989 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014216.D

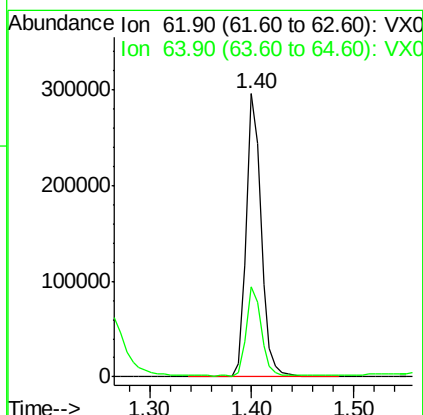
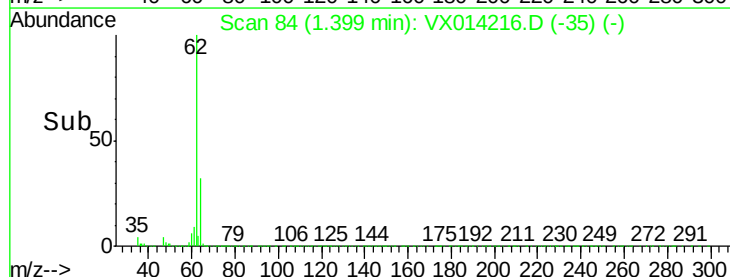
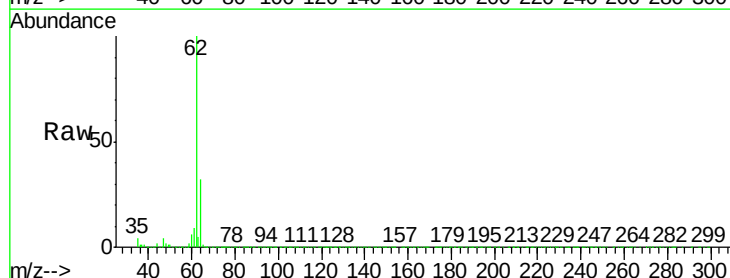
Acq: 23 Dec 2019 20:39

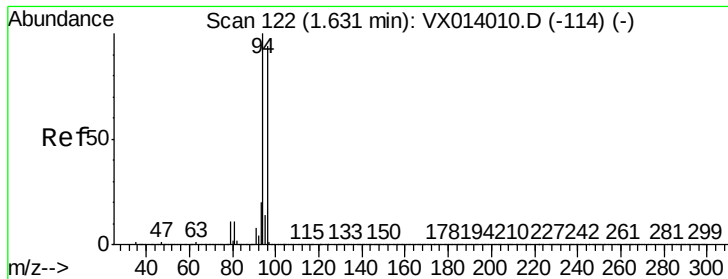
Tgt Ion: 62 Resp: 301655

Ion Ratio Lower Upper

62 100

64 31.1 25.7 38.5





#5

Bromomethane

Concen: 33.844 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

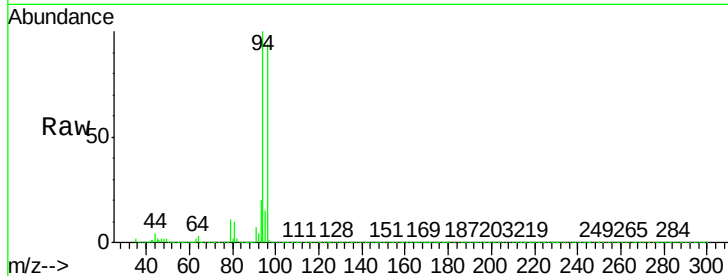
VSTDCCC050EC

Tgt Ion: 94 Resp: 161064

Ion Ratio Lower Upper

94 100

96 94.1 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

200000

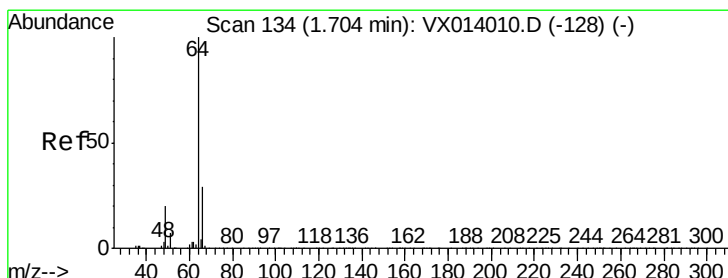
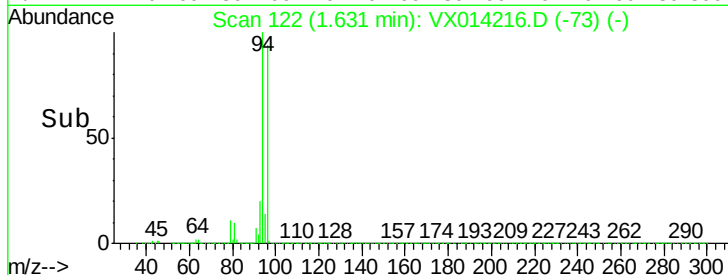
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 46.691 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014216.D

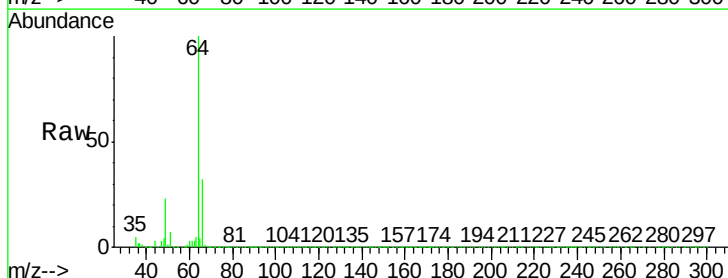
Acq: 23 Dec 2019 20:39

Tgt Ion: 64 Resp: 193220

Ion Ratio Lower Upper

64 100

66 32.5 23.4 35.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

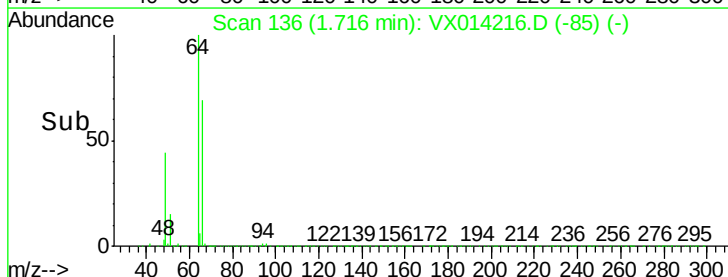
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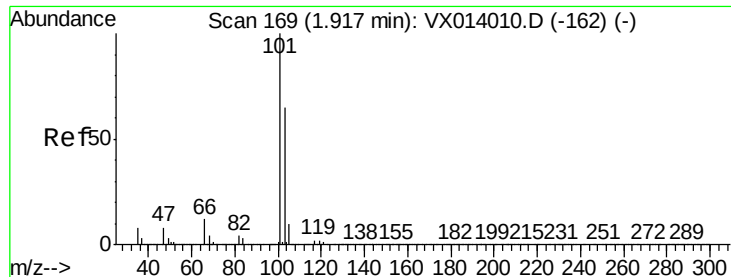
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Time-->



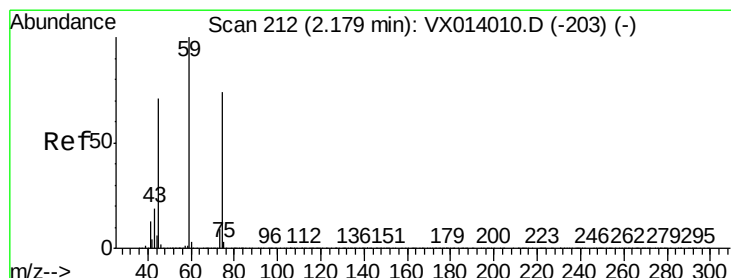
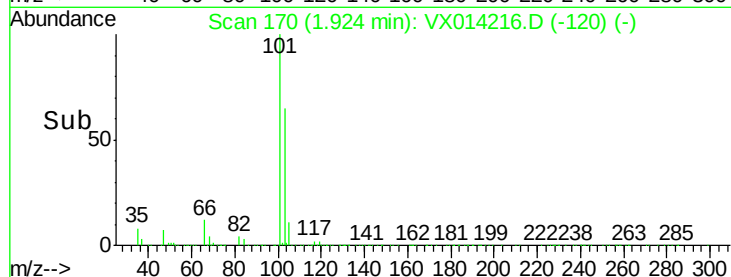
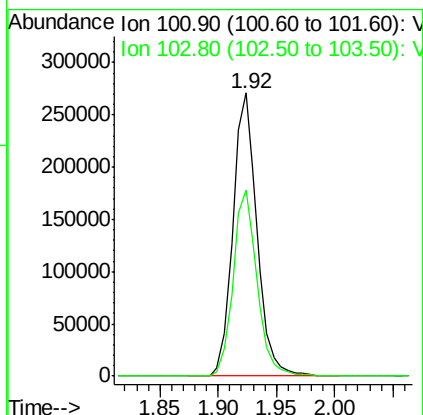
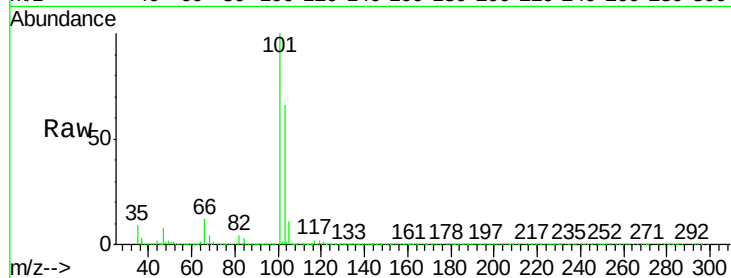


#7

Trichlorofluoromethane
Concen: 46.826 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

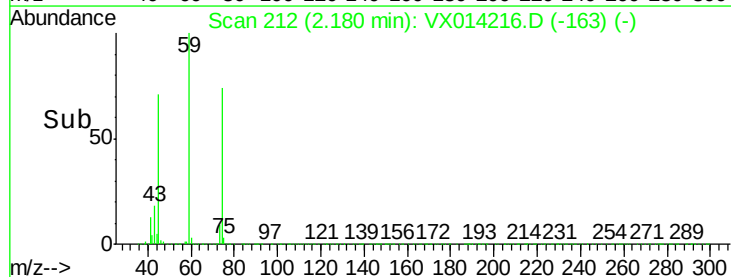
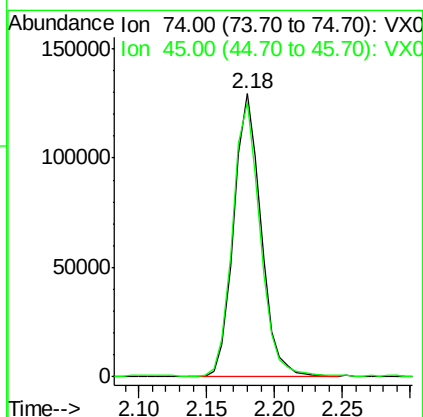
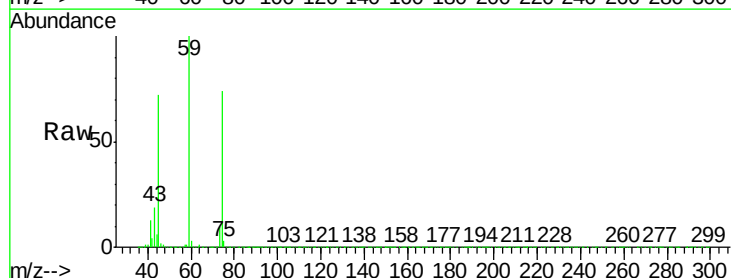
Tgt Ion:101 Resp: 388670
Ion Ratio Lower Upper
101 100
103 65.5 52.2 78.4

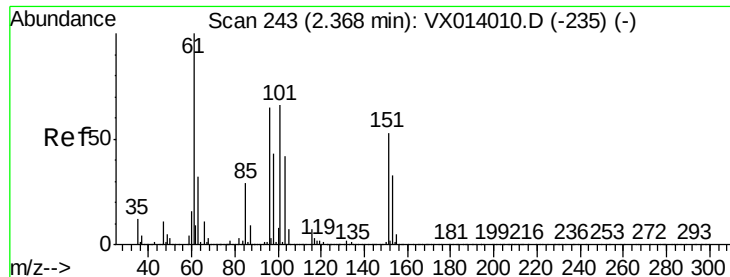


#8

Diethyl Ether
Concen: 46.268 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion: 74 Resp: 180235
Ion Ratio Lower Upper
74 100
45 98.0 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.078 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

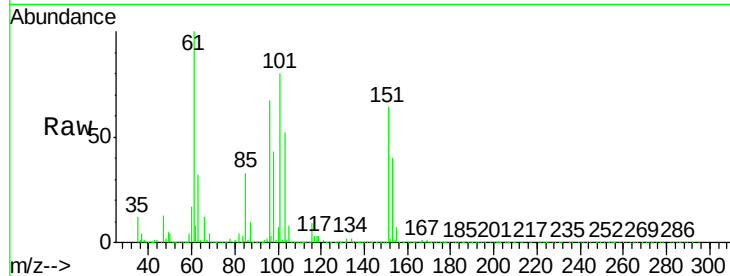
Tgt Ion:101 Resp: 235551

Ion Ratio Lower Upper

101 100

85 41.9 33.7 50.5

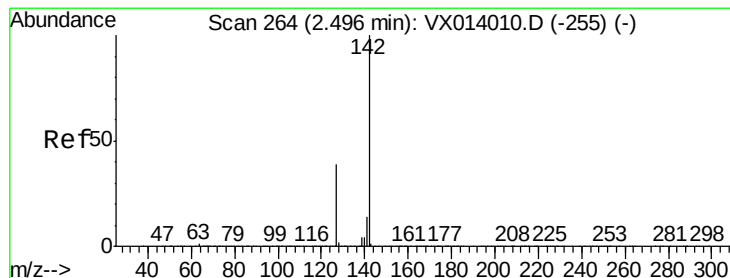
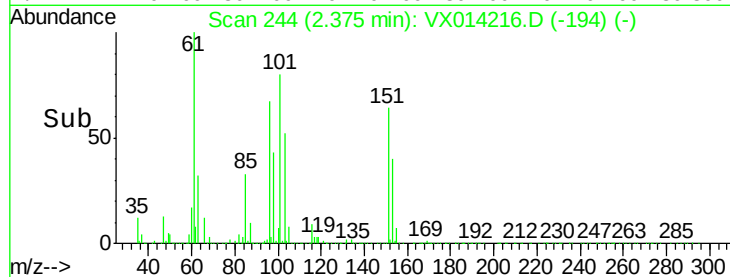
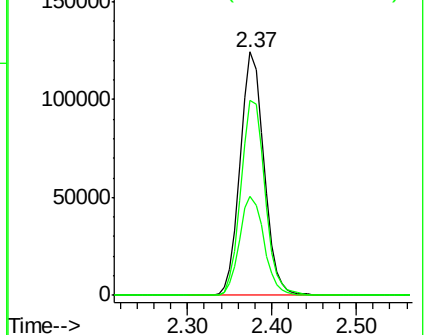
151 81.5 64.5 96.7



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: 35.078 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

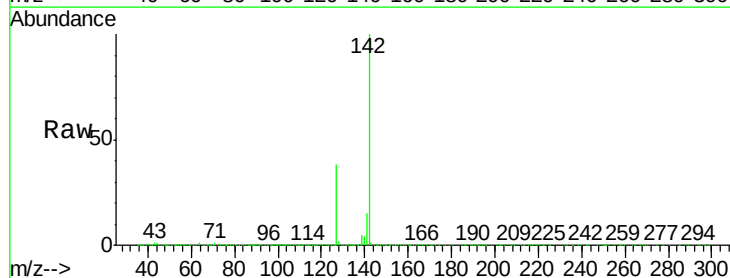
Tgt Ion:142 Resp: 226006

Ion Ratio Lower Upper

142 100

127 38.6 31.6 47.4

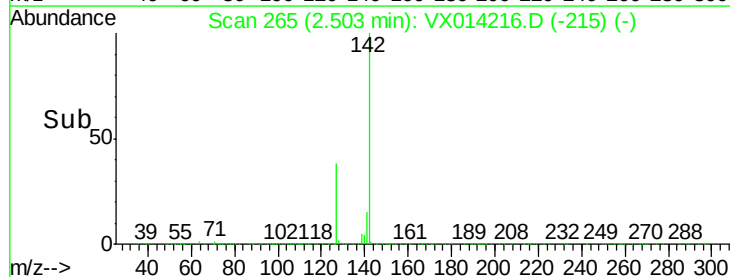
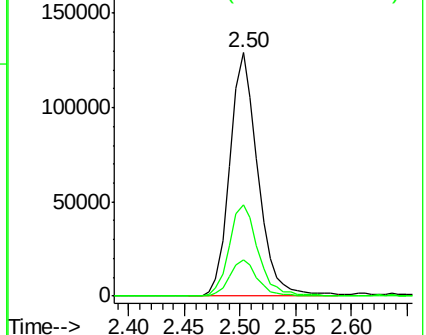
141 14.4 11.6 17.4

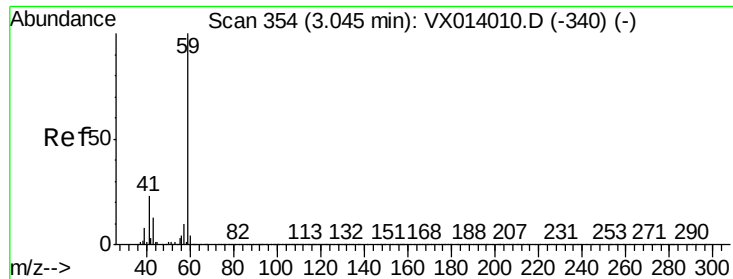


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

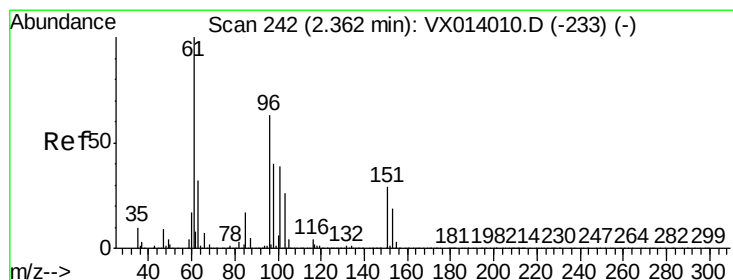
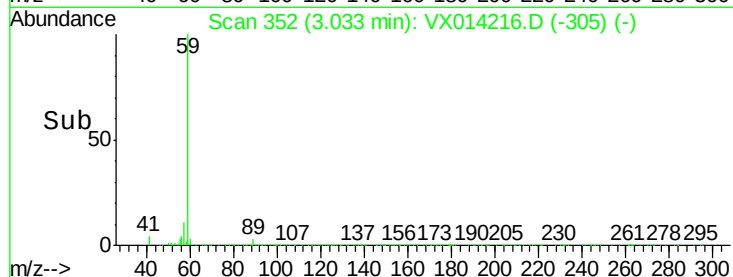
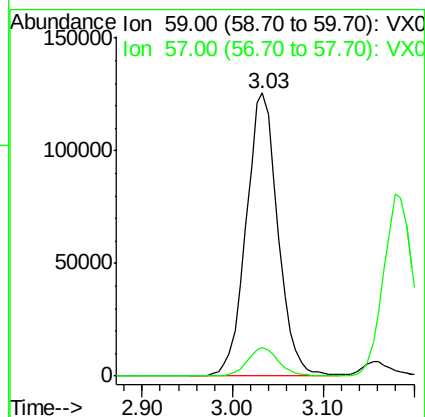
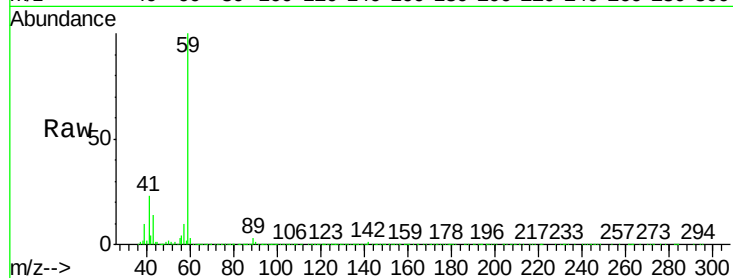




#11
Tert butyl alcohol
Concen: 234.529 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

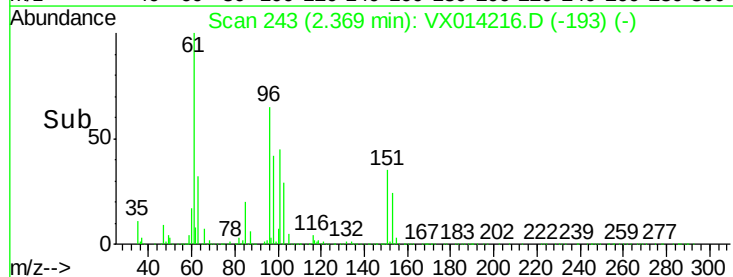
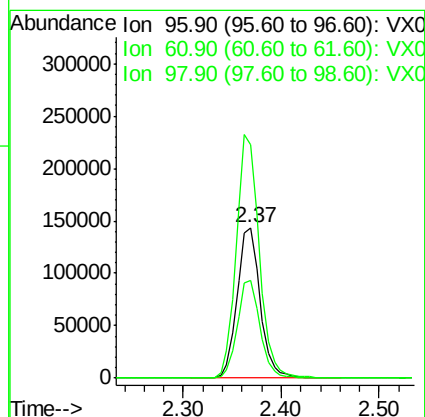
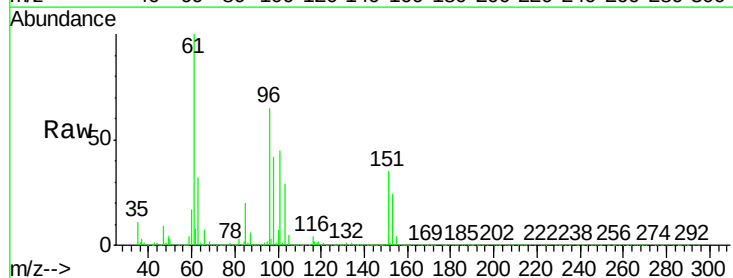
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

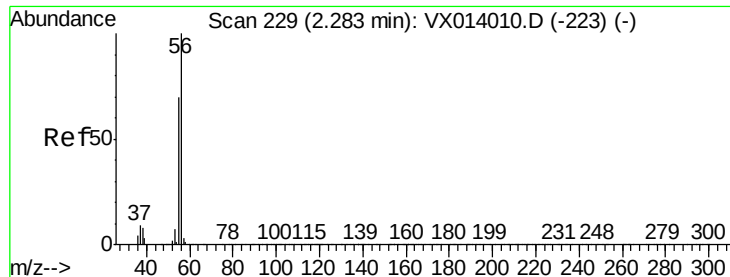
Tgt Ion: 59 Resp: 303986
Ion Ratio Lower Upper
59 100
57 10.0 8.4 12.6



#12
1,1-Dichloroethene
Concen: 46.162 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion: 96 Resp: 235022
Ion Ratio Lower Upper
96 100
61 154.8 127.9 191.9
98 64.7 50.5 75.7

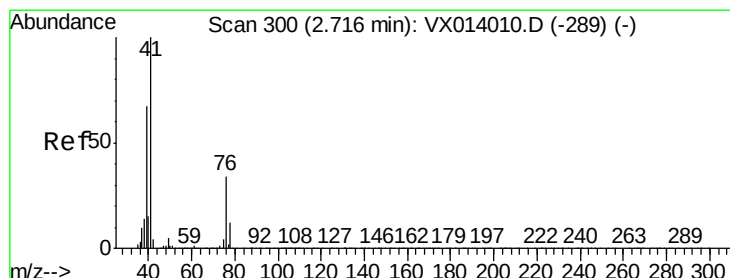
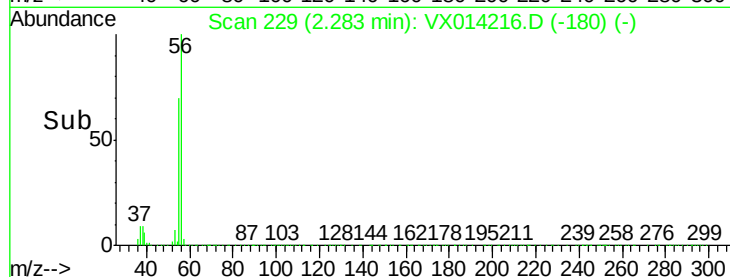
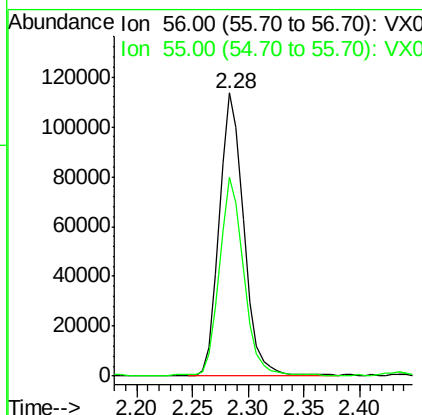
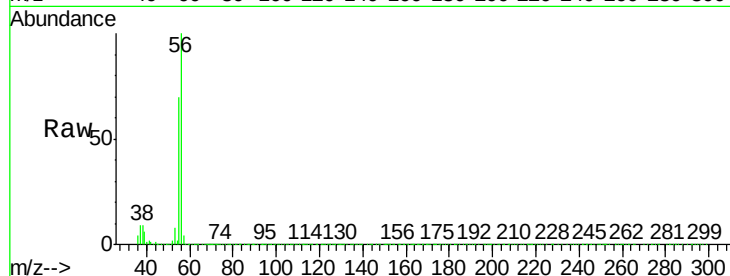




#13
Acrolein
Concen: 233.382 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

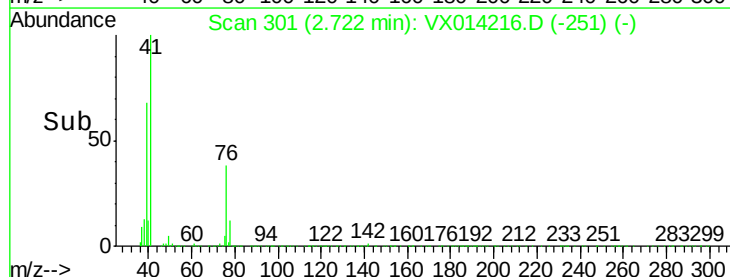
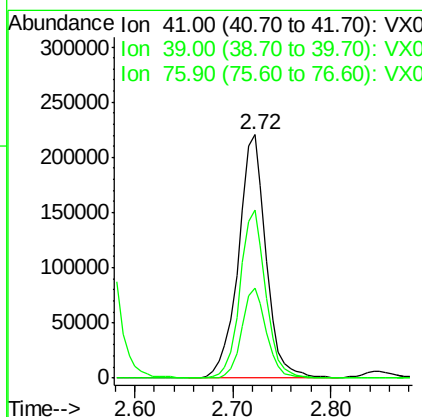
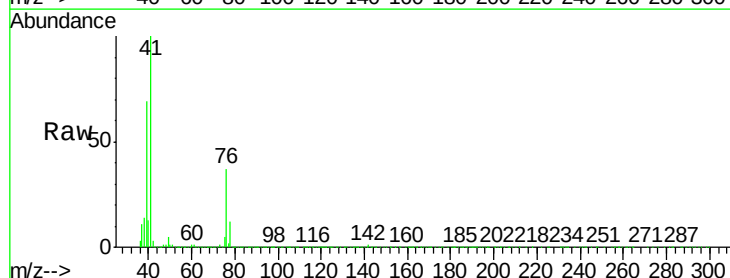
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

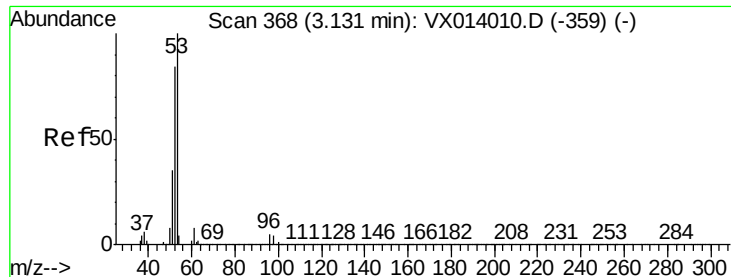
Tgt Ion: 56 Resp: 173160
Ion Ratio Lower Upper
56 100
55 70.9 56.9 85.3



#14
Allyl chloride
Concen: 47.230 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion: 41 Resp: 429340
Ion Ratio Lower Upper
41 100
39 64.1 51.8 77.8
76 33.3 25.9 38.9





#15

Acrylonitrile

Concen: 248.613 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

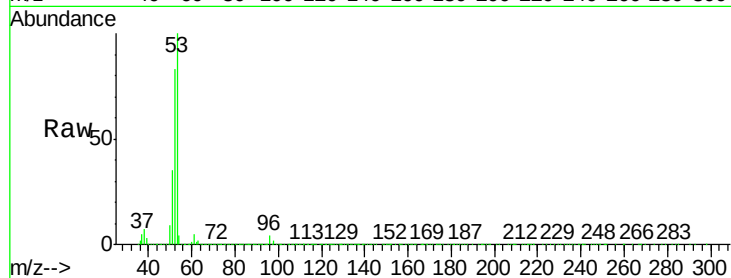
Tgt Ion: 53 Resp: 752132

Ion Ratio Lower Upper

53 100

52 81.9 66.5 99.7

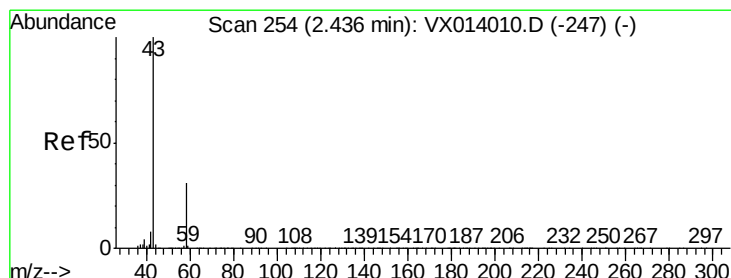
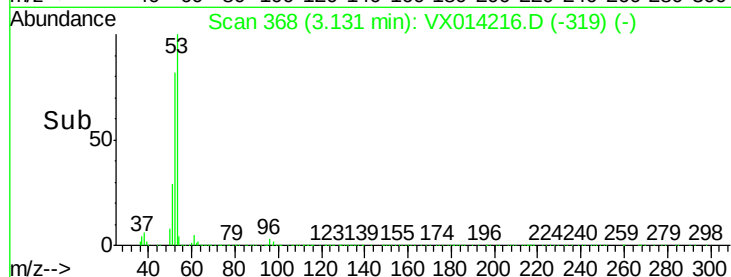
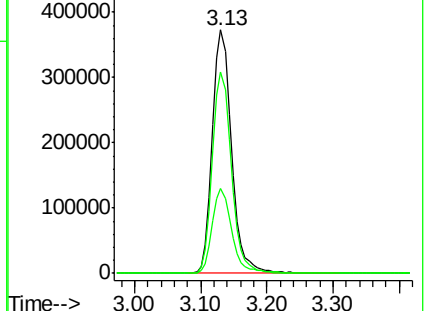
51 35.3 28.1 42.1



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: 162.924 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014216.D

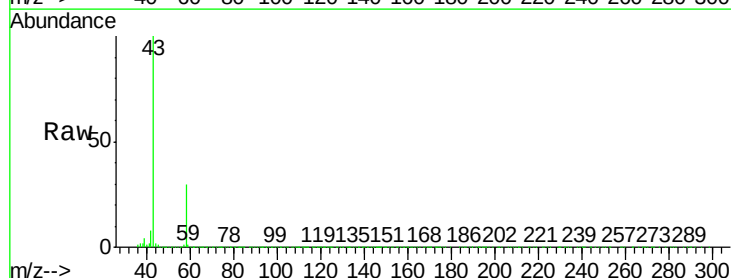
Acq: 23 Dec 2019 20:39

Tgt Ion: 43 Resp: 634482

Ion Ratio Lower Upper

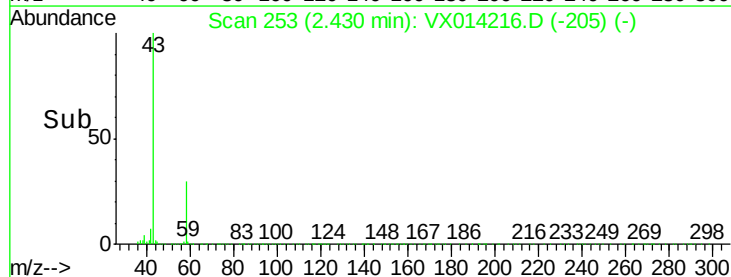
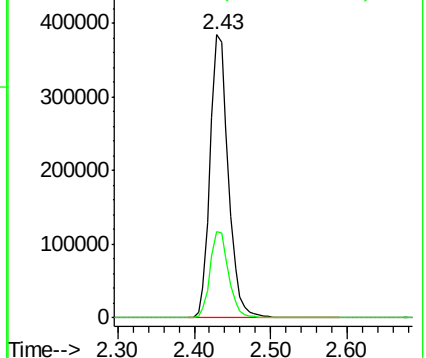
43 100

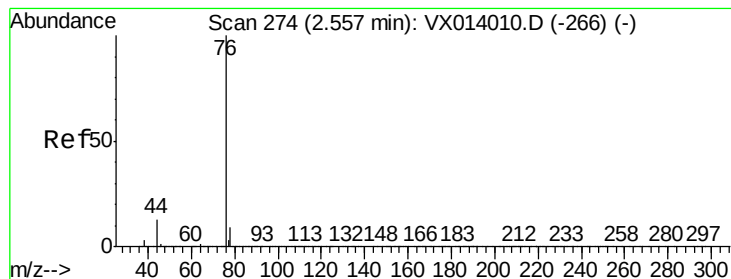
58 30.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 42.924 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

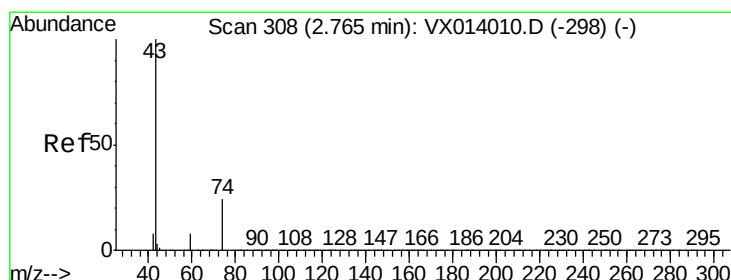
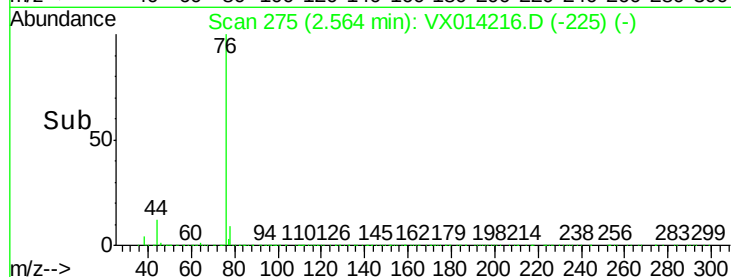
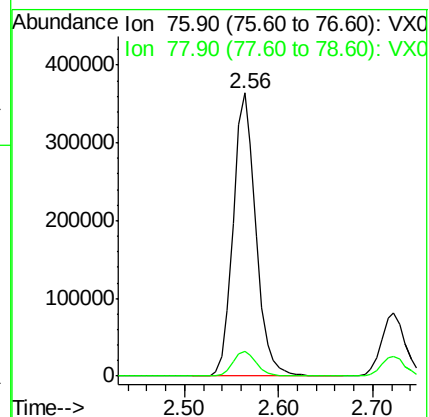
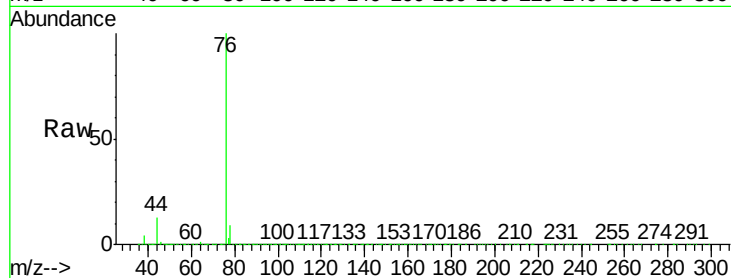
VSTDCCC050EC

Tgt Ion: 76 Resp: 605175

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



#18

Methyl Acetate

Concen: 51.563 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014216.D

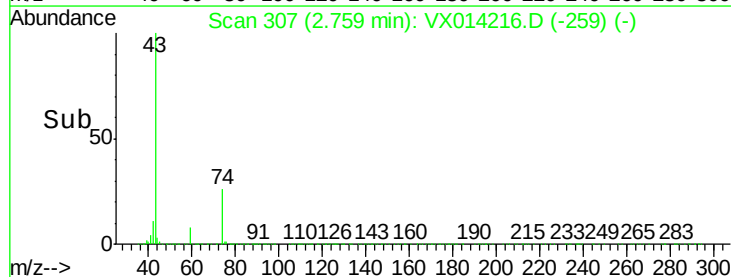
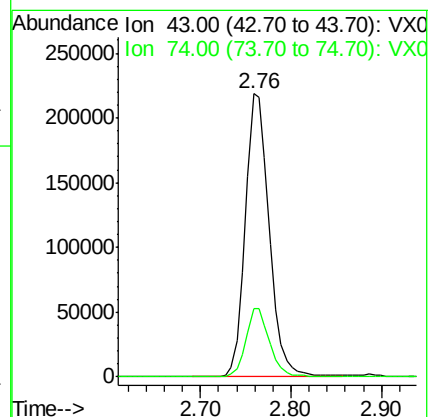
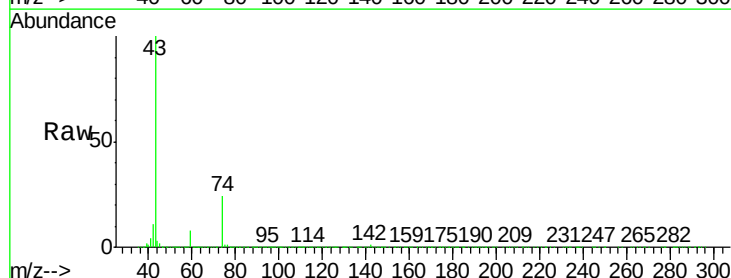
Acq: 23 Dec 2019 20:39

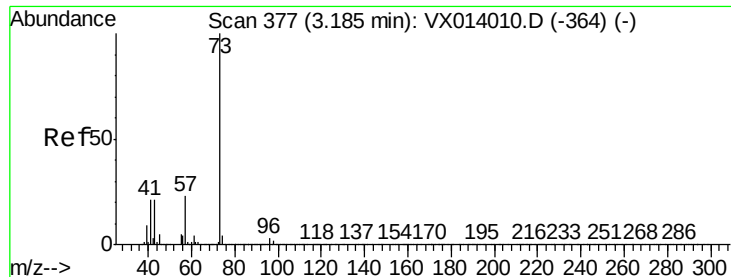
Tgt Ion: 43 Resp: 397900

Ion Ratio Lower Upper

43 100

74 23.7 19.5 29.3





#19

Methyl tert-butyl Ether

Concen: 48.858 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

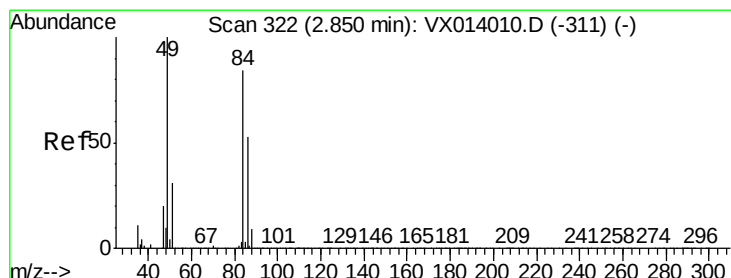
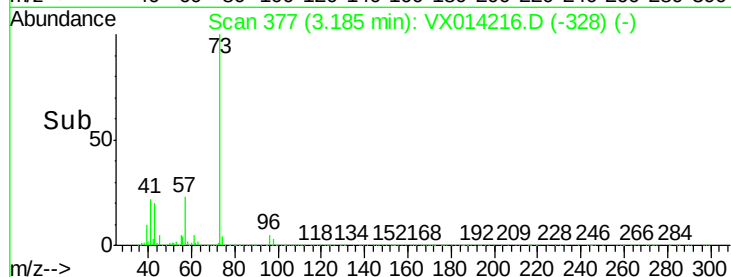
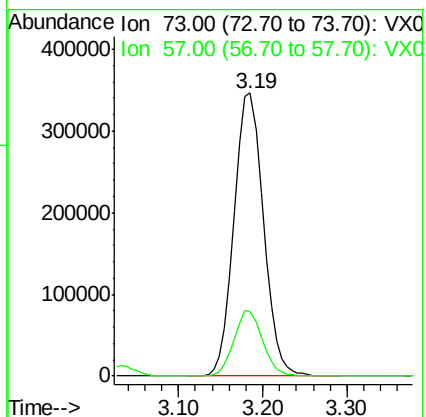
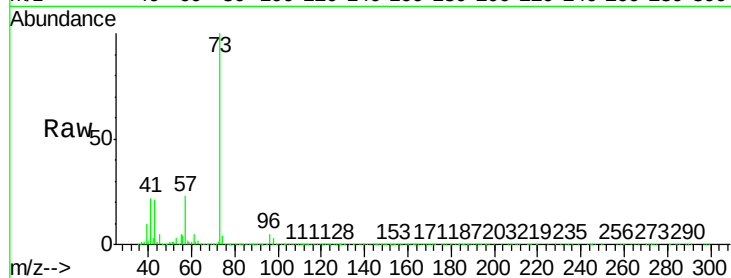
VSTDCCC050EC

Tgt Ion: 73 Resp: 817390

Ion Ratio Lower Upper

73 100

57 22.7 18.8 28.2



#20

Methylene Chloride

Concen: 44.649 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Tgt Ion: 84 Resp: 273811

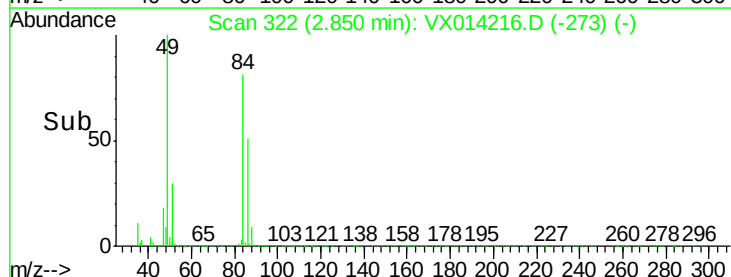
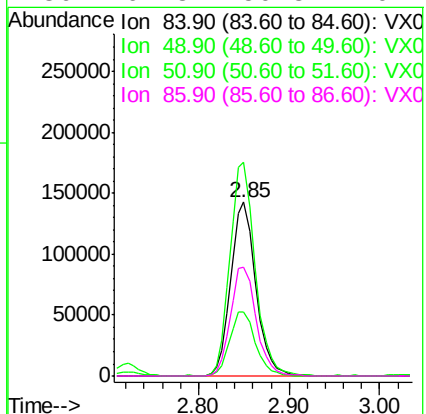
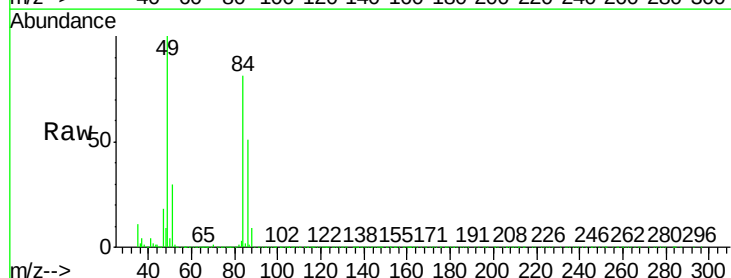
Ion Ratio Lower Upper

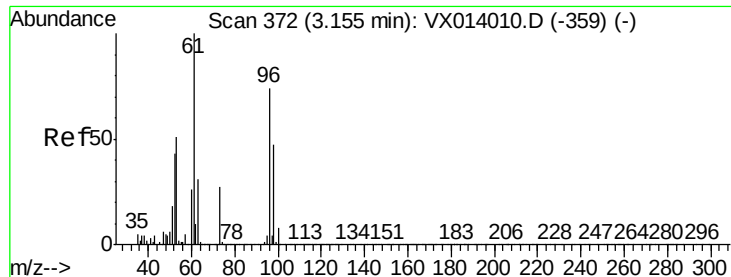
84 100

49 122.7 95.8 143.6

51 37.0 29.8 44.8

86 62.8 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 45.327 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

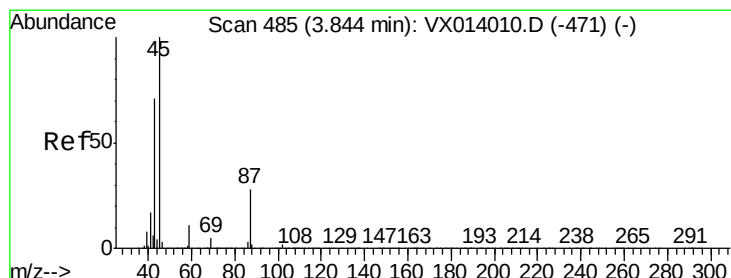
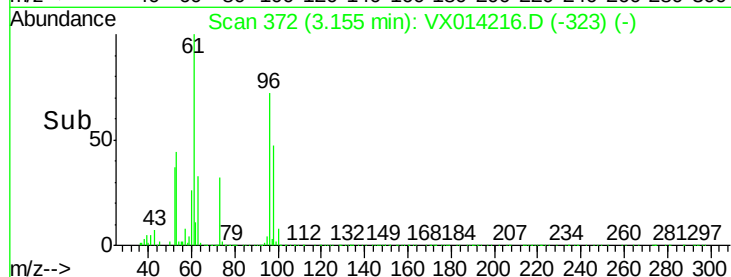
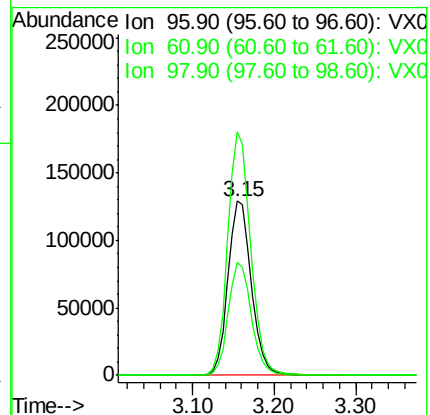
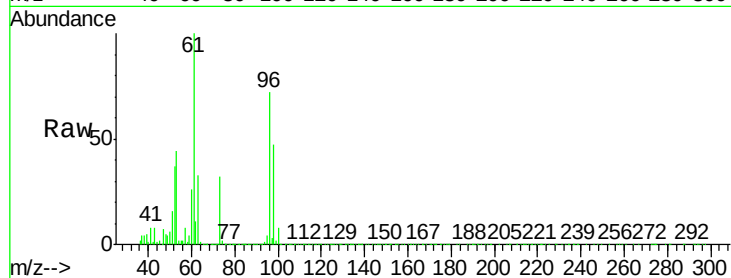
Tgt Ion: 96 Resp: 254236

Ion Ratio Lower Upper

96 100

61 139.5 108.3 162.5

98 64.9 50.8 76.2



#22

Diisopropyl ether

Concen: 48.481 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Tgt Ion: 45 Resp: 878223

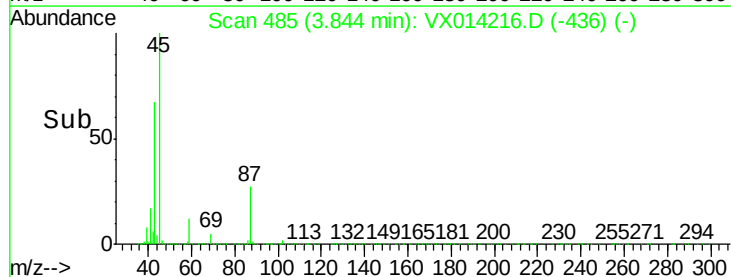
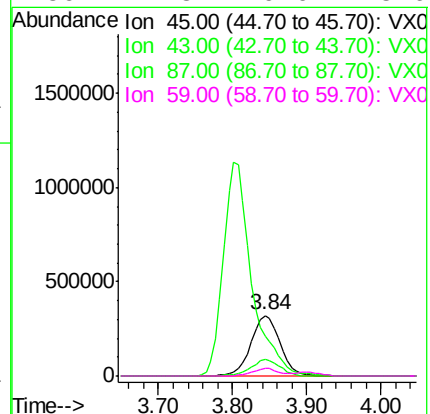
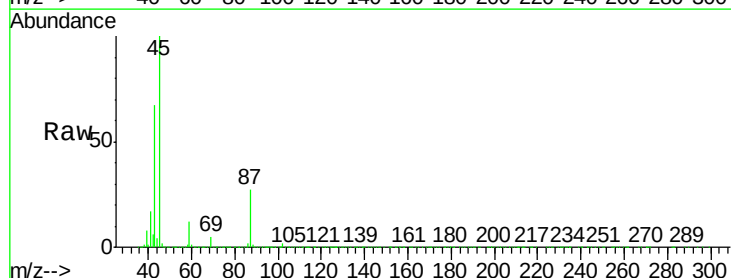
Ion Ratio Lower Upper

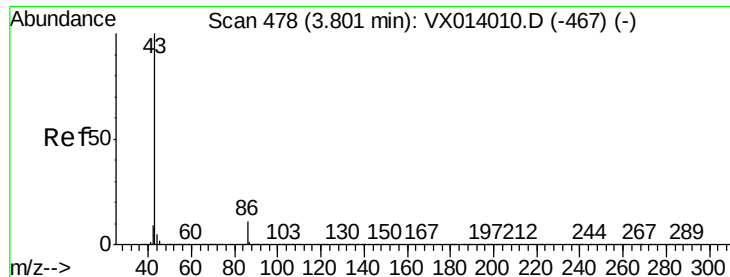
45 100

43 66.6 57.4 86.0

87 27.3 21.9 32.9

59 11.8 9.0 13.6





#23

Vinyl Acetate

Concen: 204.409 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

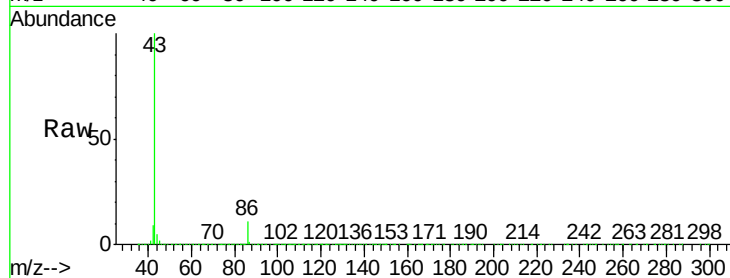
VSTDCCC050EC

Tgt Ion: 43 Resp: 3021707

Ion Ratio Lower Upper

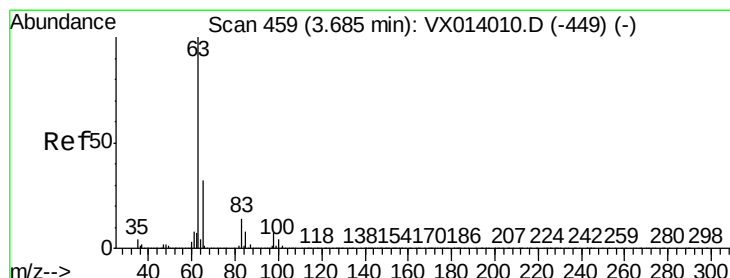
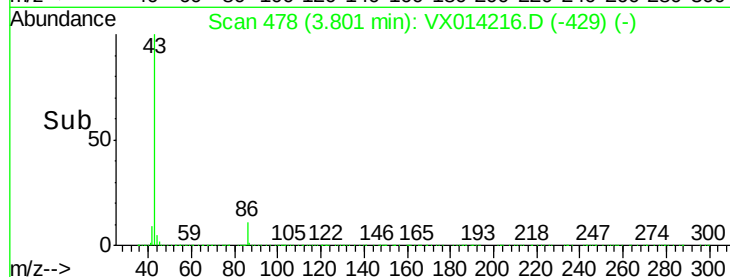
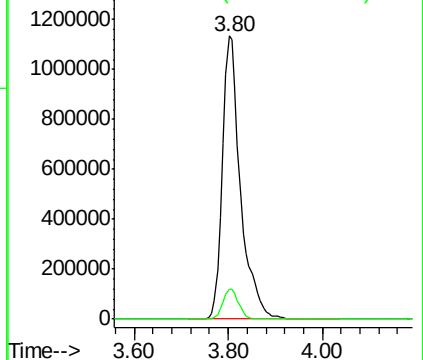
43 100

86 10.6 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: 46.985 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

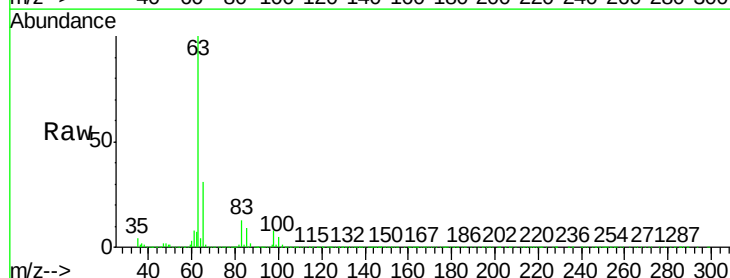
Tgt Ion: 63 Resp: 473527

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

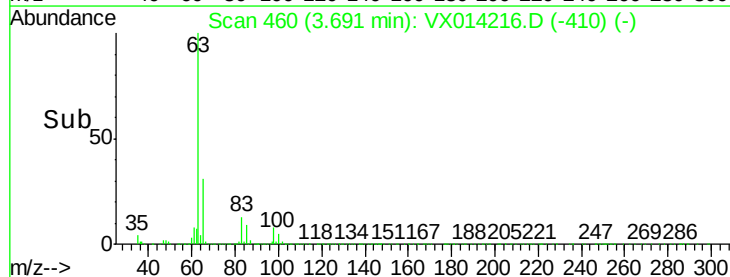
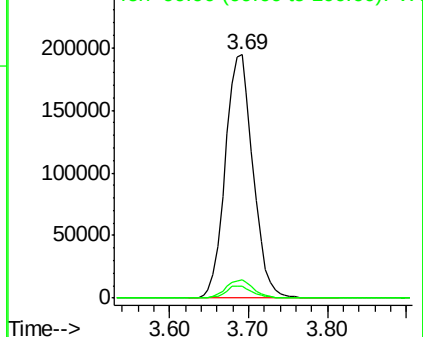
100 5.1 2.3 6.8

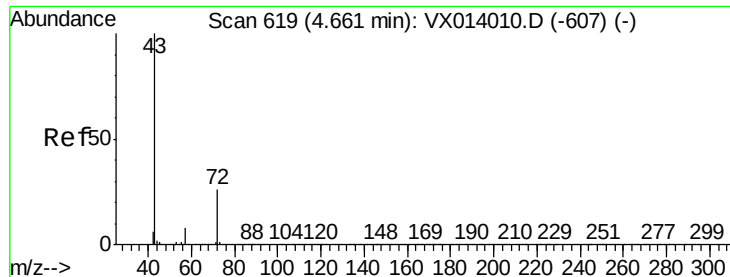


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 216.704 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

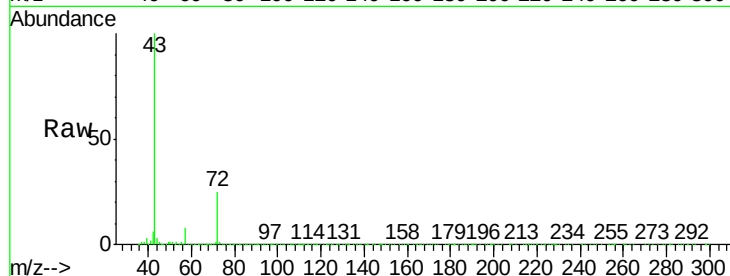
VSTDCCC050EC

Tgt Ion: 43 Resp: 1040456

Ion Ratio Lower Upper

43 100

72 25.0 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.65

400000

300000

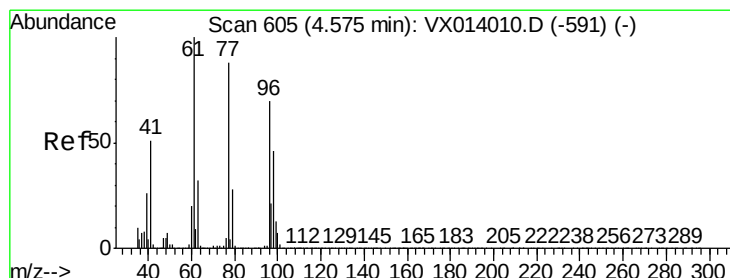
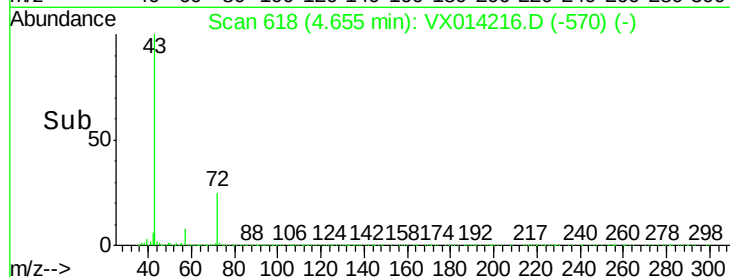
200000

100000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 44.336 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014216.D

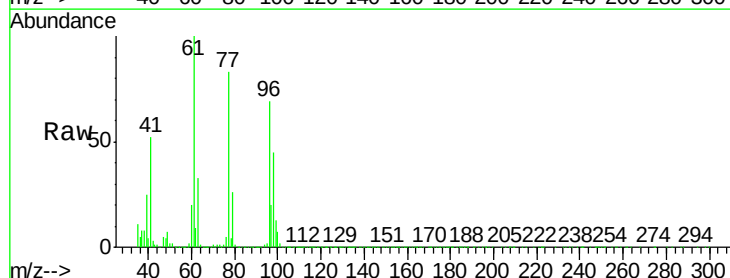
Acq: 23 Dec 2019 20:39

Tgt Ion: 77 Resp: 346925

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

120000

100000

80000

60000

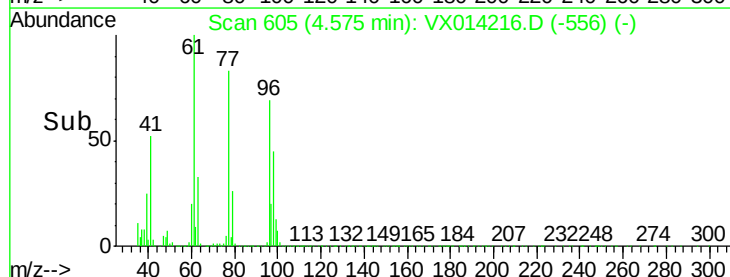
40000

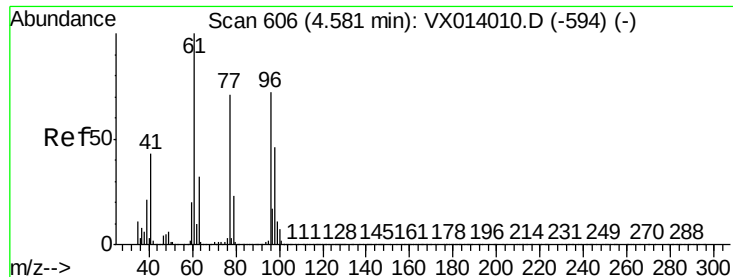
20000

0

4.40 4.50 4.60 4.70

Time-->



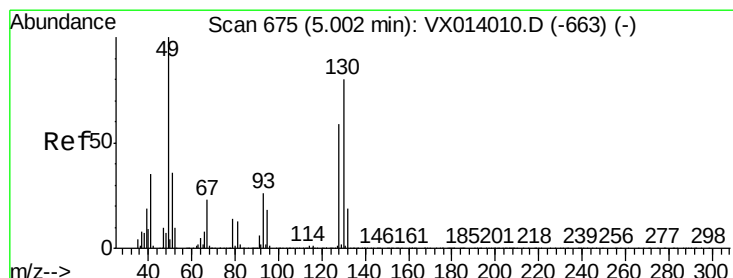
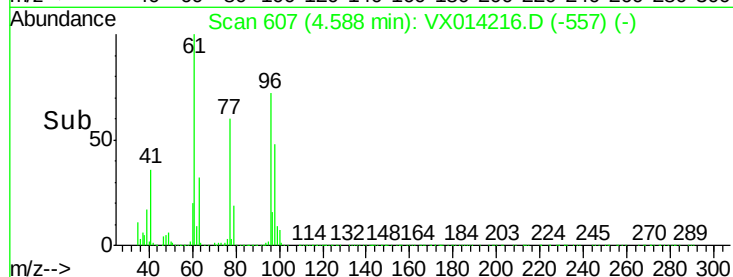
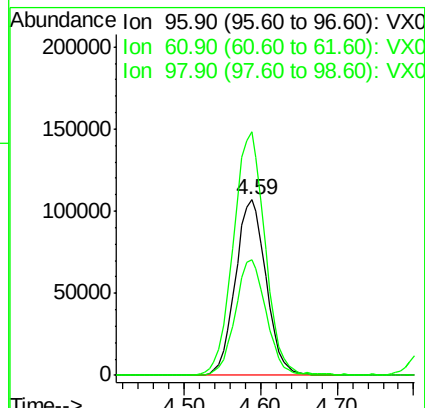
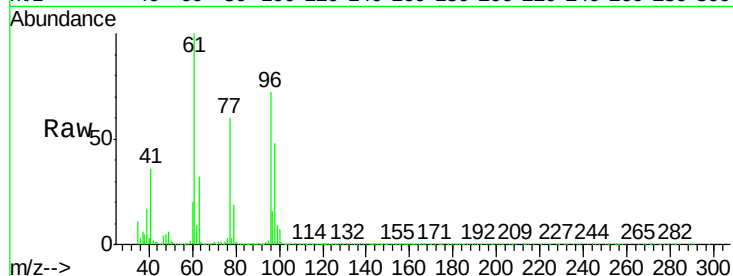


#27

cis-1,2-Dichloroethene
Concen: 46.946 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

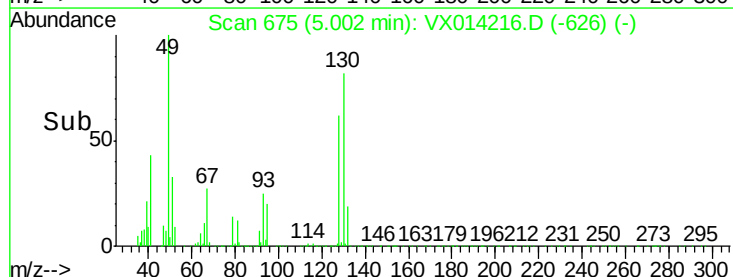
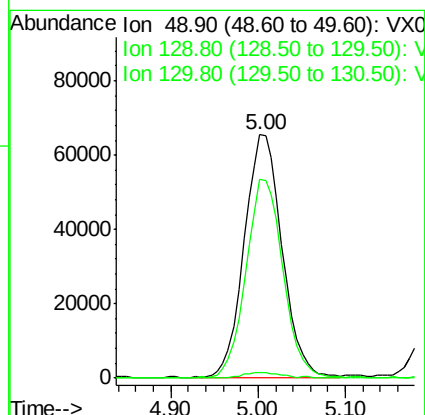
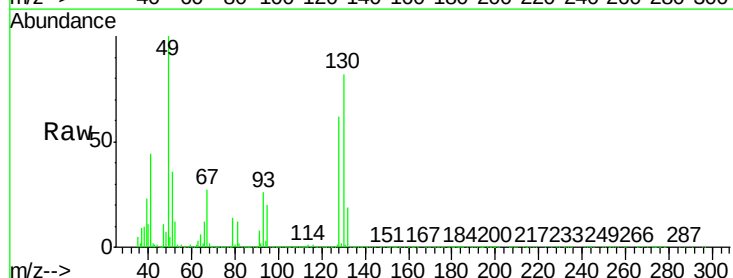
Tgt Ion: 96 Resp: 297802
Ion Ratio Lower Upper
96 100
61 142.5 0.0 288.4
98 65.5 0.0 129.6

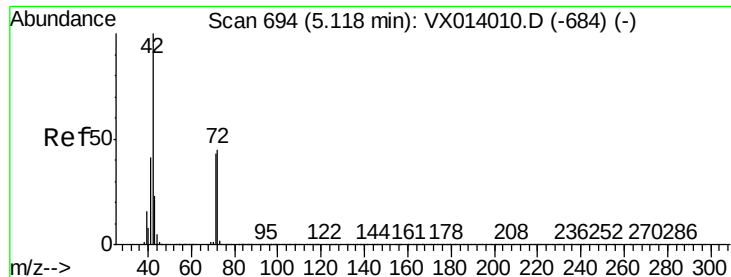


#28

Bromochloromethane
Concen: 51.043 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion: 49 Resp: 197879
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.0
130 79.9 64.6 97.0





#29

Tetrahydrofuran

Concen: 250.733 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

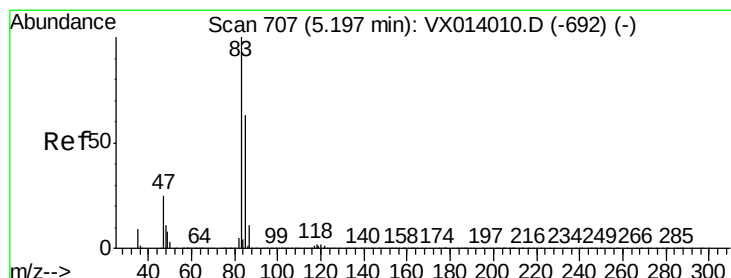
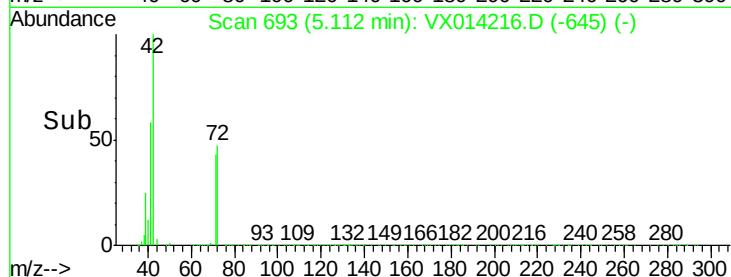
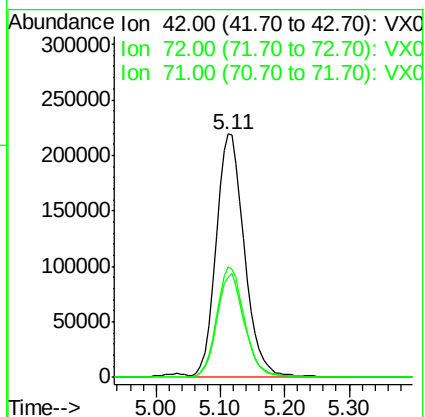
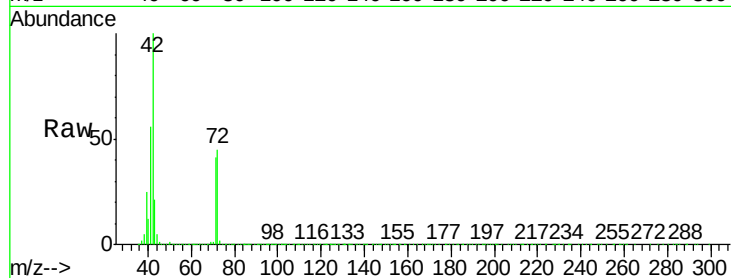
Tgt Ion: 42 Resp: 673338

Ion Ratio Lower Upper

42 100

72 45.3 35.8 53.8

71 41.5 33.6 50.4



#30

Chloroform

Concen: 48.929 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX014216.D

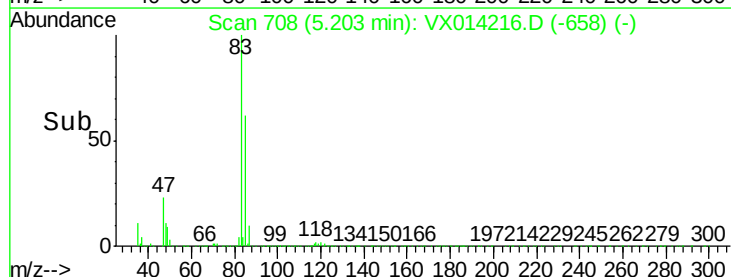
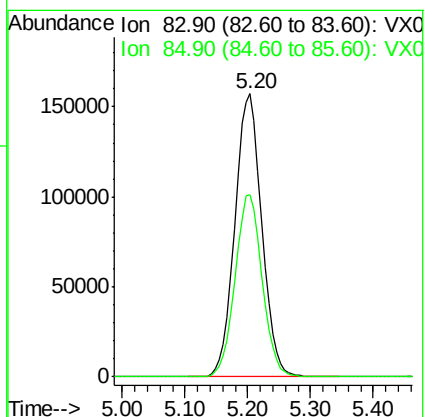
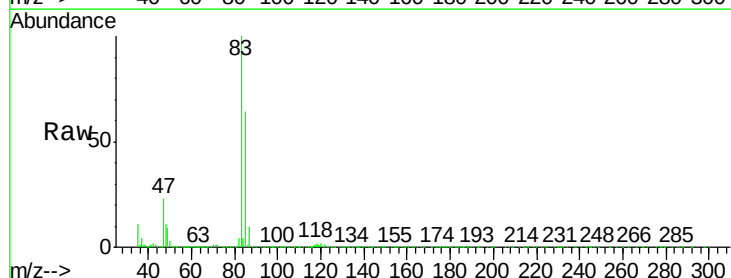
Acq: 23 Dec 2019 20:39

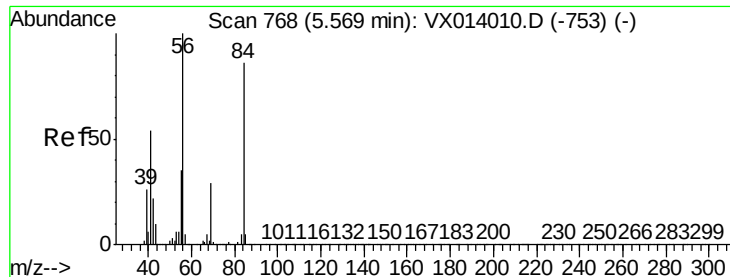
Tgt Ion: 83 Resp: 467464

Ion Ratio Lower Upper

83 100

85 64.2 50.8 76.2

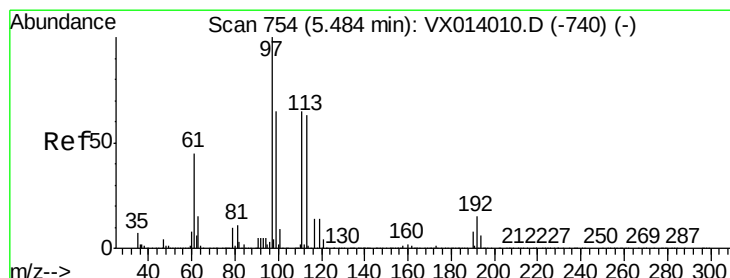
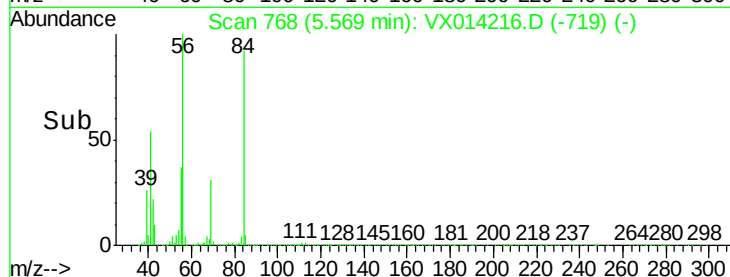
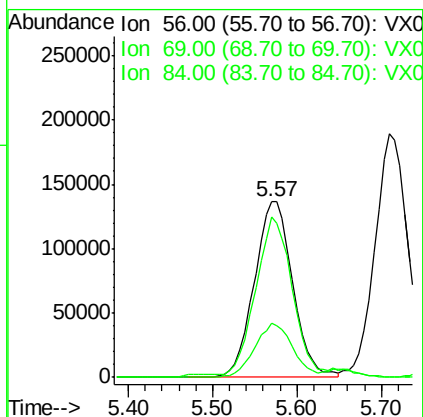
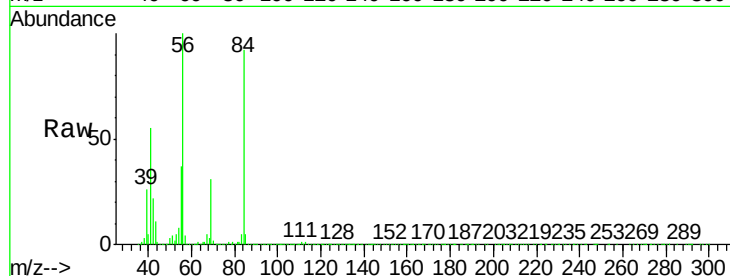




#31
Cyclohexane
Concen: 47.519 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

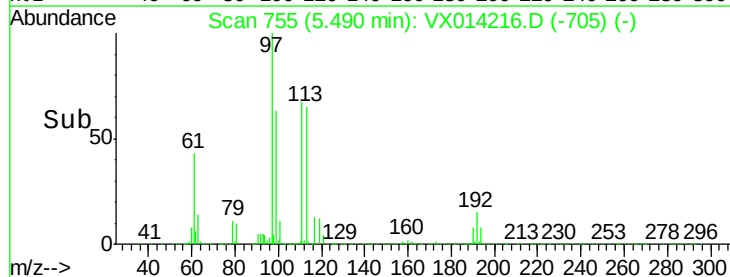
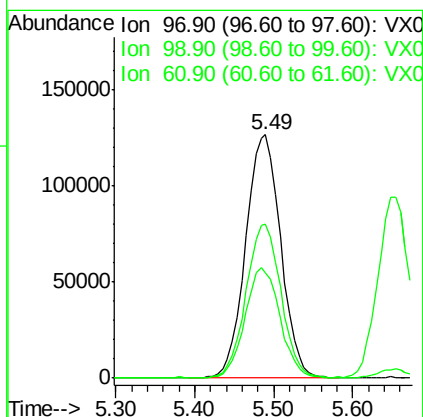
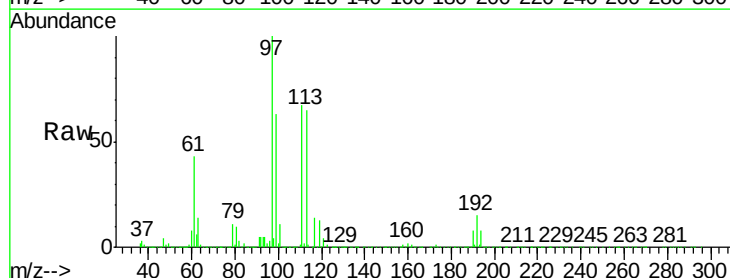
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

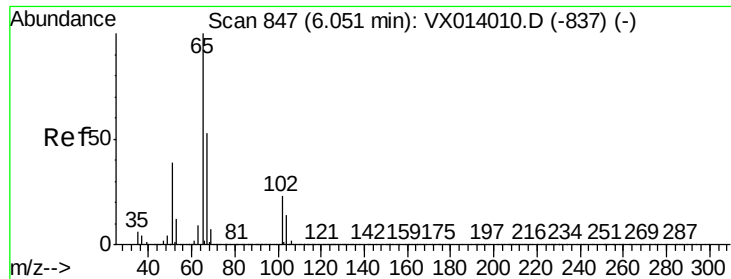
Tgt Ion: 56 Resp: 425944
Ion Ratio Lower Upper
56 100
69 31.0 23.2 34.8
84 90.3 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 47.980 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion: 97 Resp: 390678
Ion Ratio Lower Upper
97 100
99 63.2 52.0 78.0
61 45.0 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 47.459 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

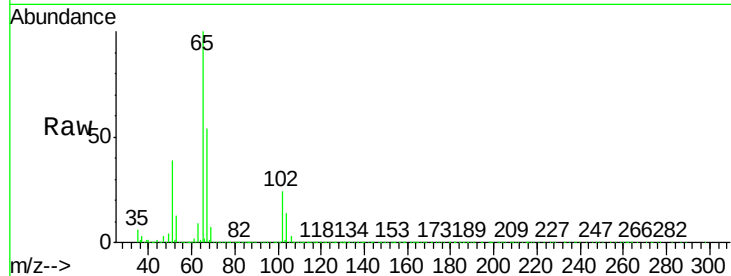
VSTDCCC050EC

Tgt Ion: 65 Resp: 284685

Ion Ratio Lower Upper

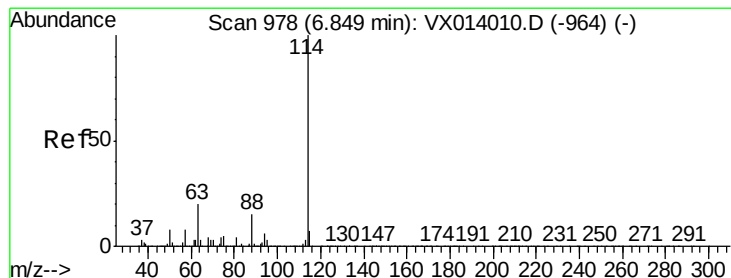
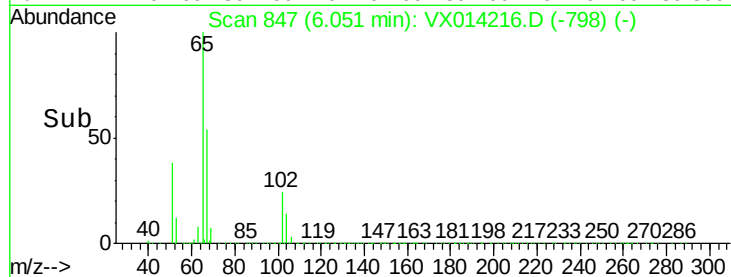
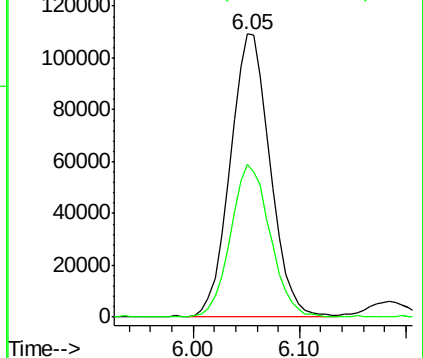
65 100

67 53.6 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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

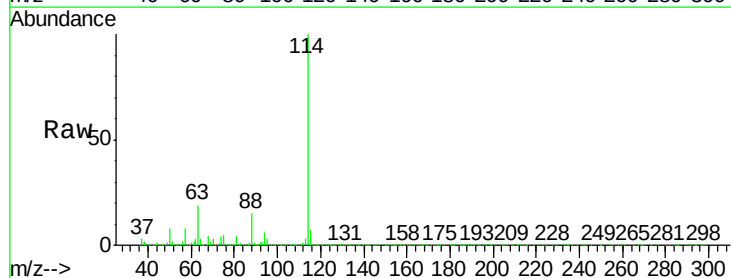
Tgt Ion: 114 Resp: 821176

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.8

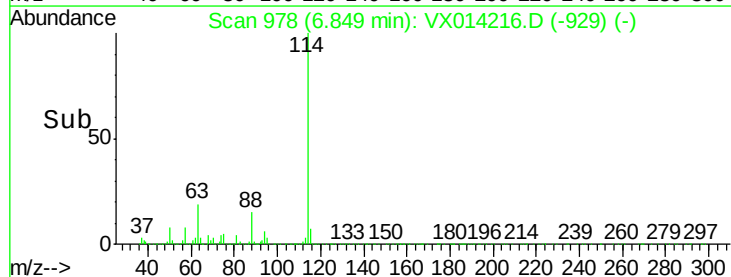
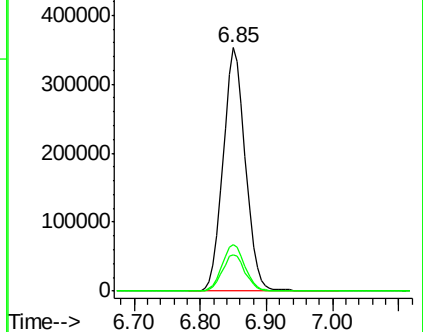
88 15.0 0.0 30.4

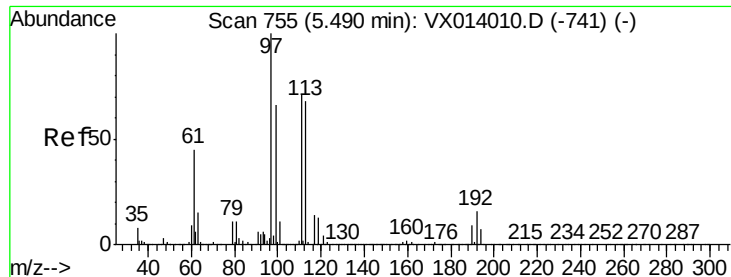


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.445 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

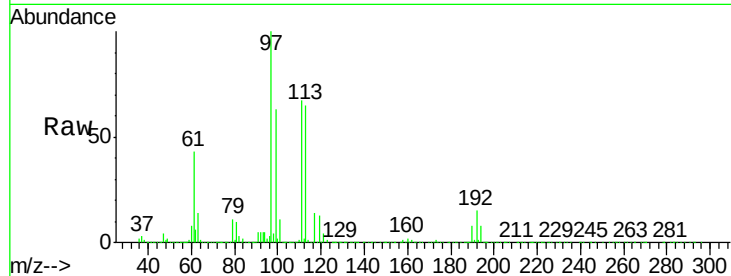
Tgt Ion: 113 Resp: 236837

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

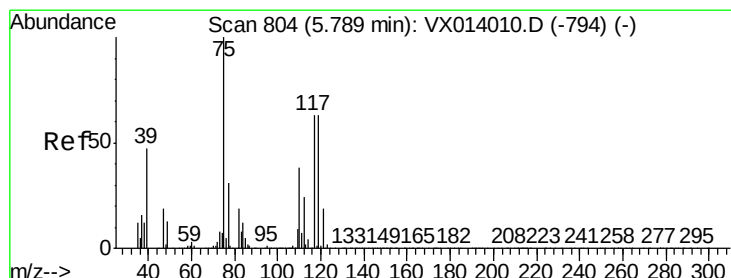
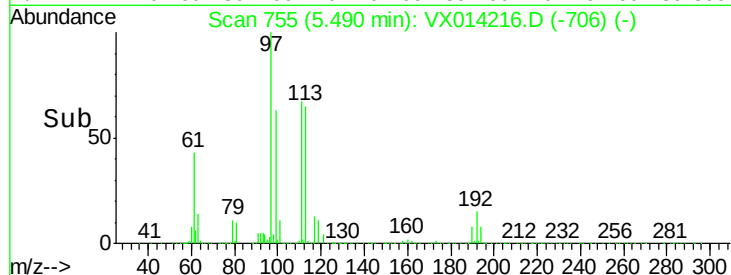
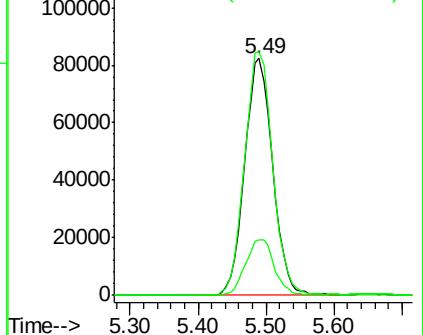
192 23.9 19.3 28.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.352 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

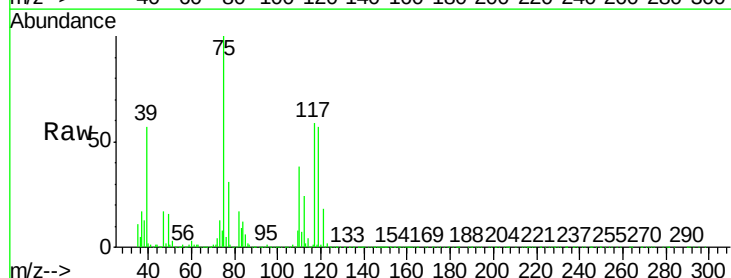
Tgt Ion: 75 Resp: 349250

Ion Ratio Lower Upper

75 100

110 36.4 18.3 54.9

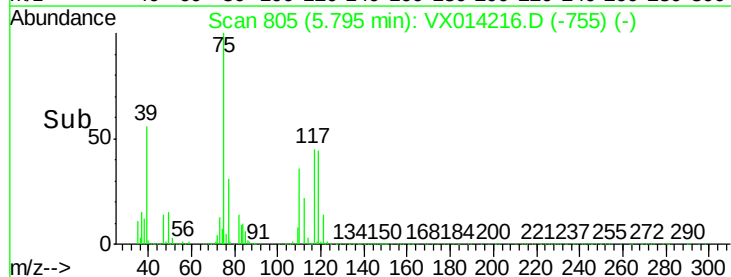
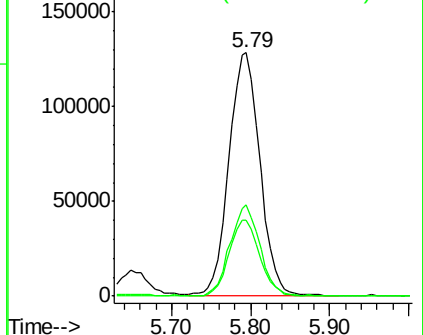
77 30.2 24.8 37.2

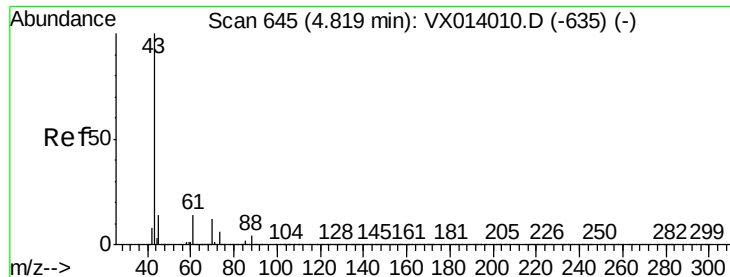


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

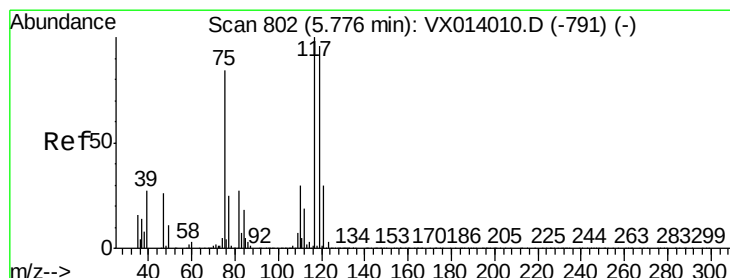
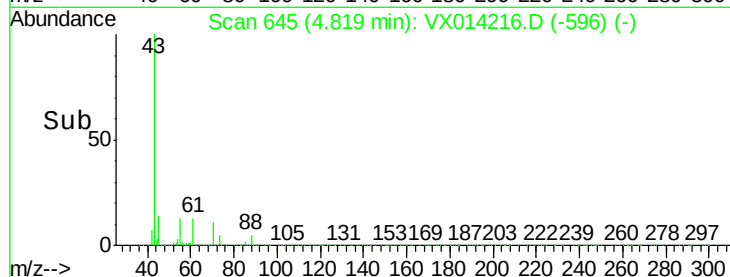
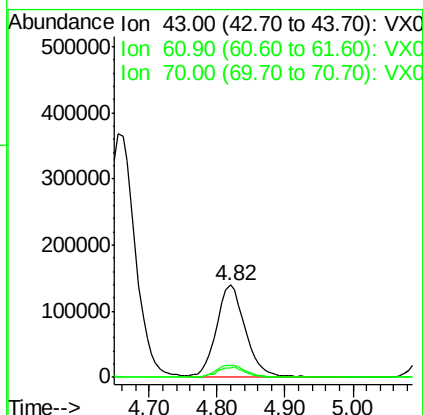
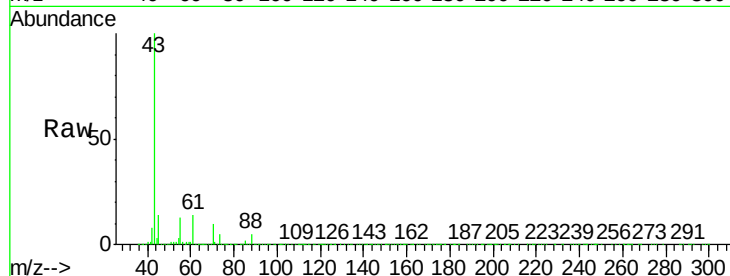




#37
Ethyl Acetate
Concen: 49.238 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

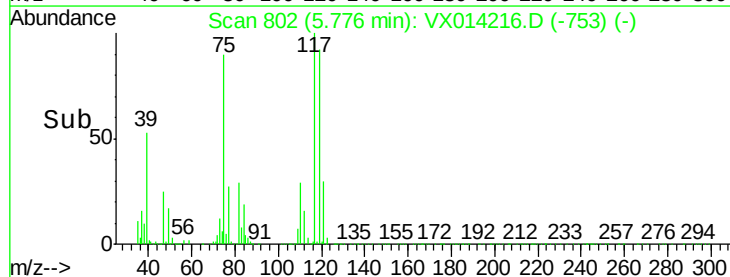
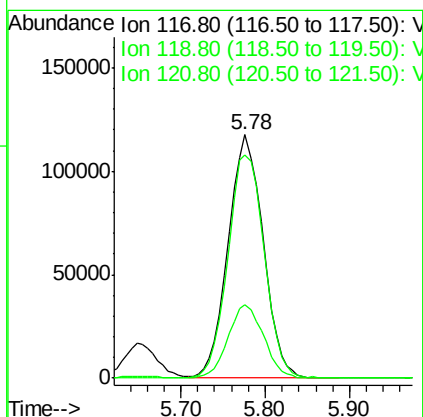
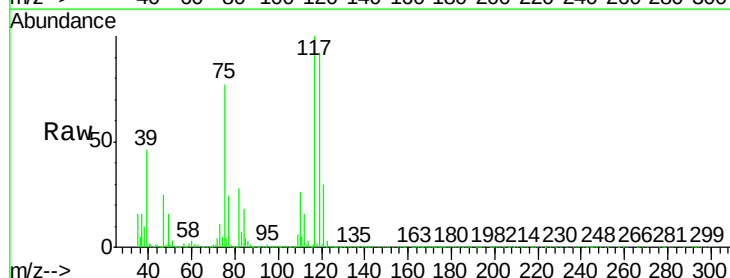
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

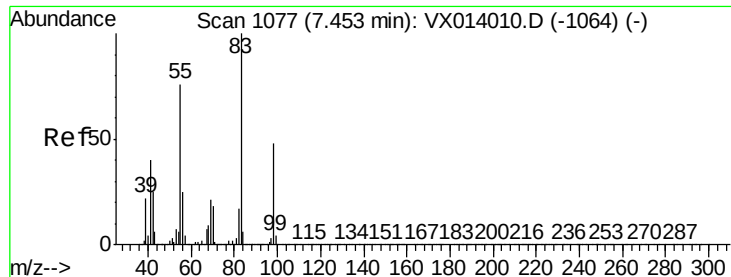
Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.8	16.2
70	10.8	8.6	12.8



#38
Carbon Tetrachloride
Concen: 48.123 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.7	76.2	114.4
121	29.8	23.6	35.4

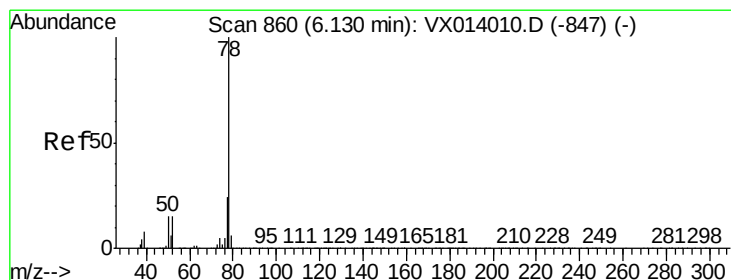
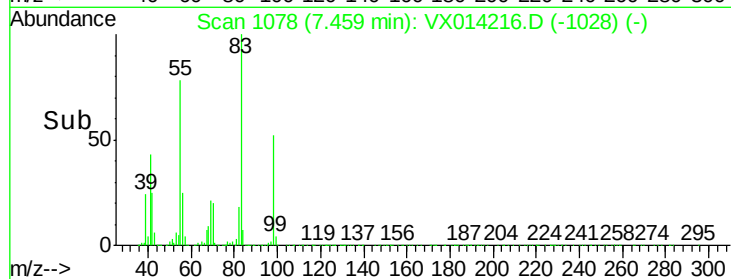
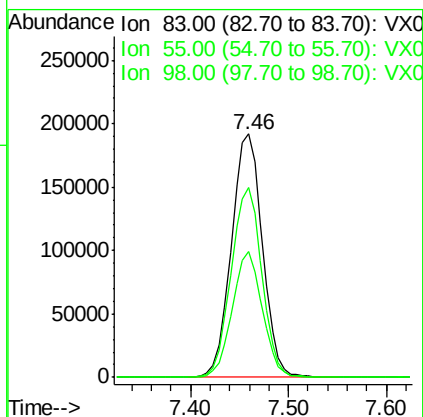
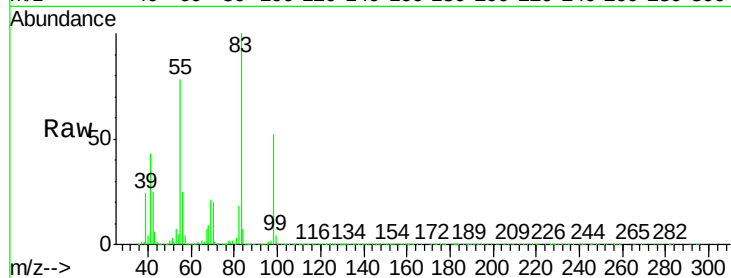




#39
Methylcyclohexane
Concen: 45.124 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

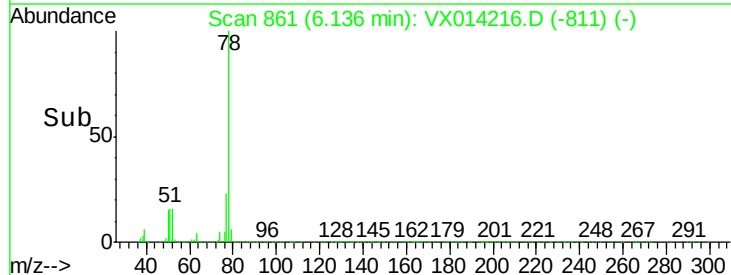
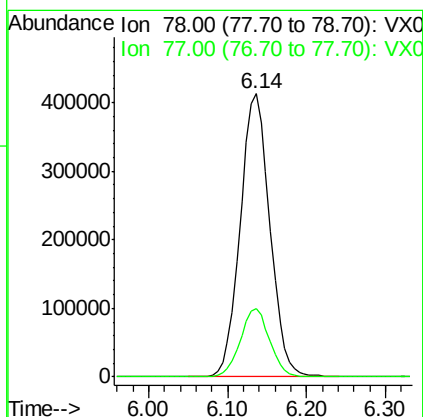
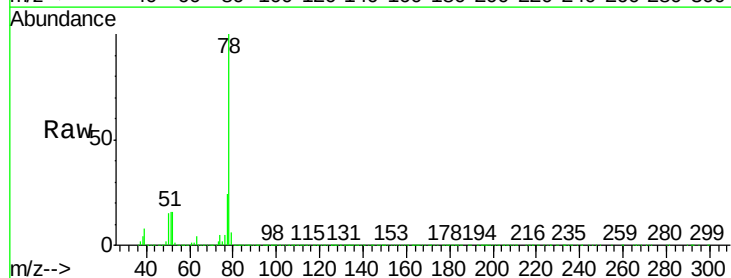
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

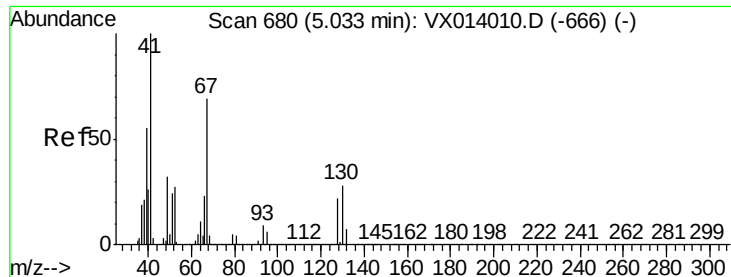
Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.0	61.0	91.6
98	51.8	38.6	57.8



#40
Benzene
Concen: 46.547 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.8	28.2

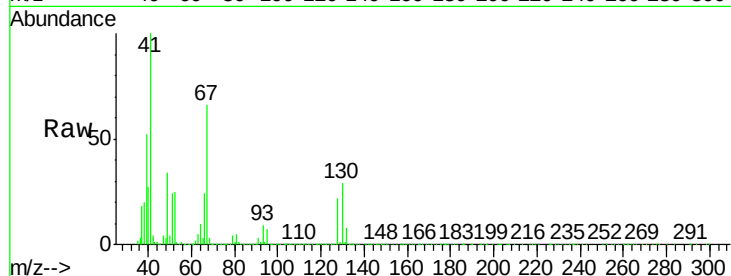




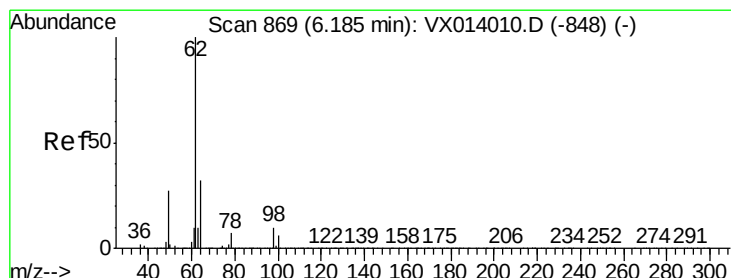
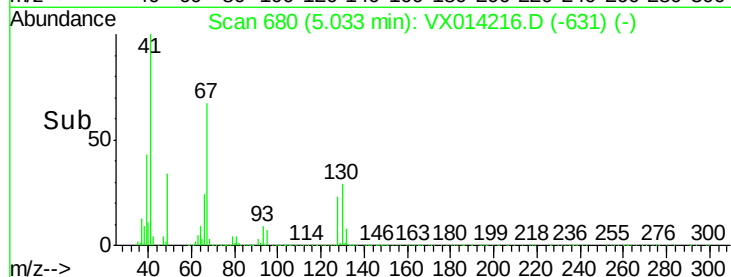
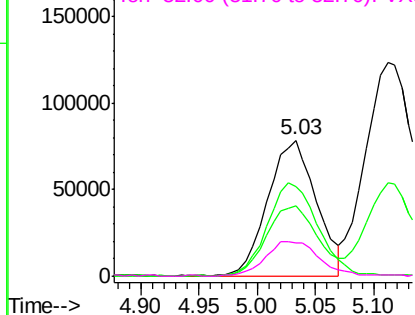
#41
Methacrylonitrile
Concen: 48.846 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	225505
Ion	Ratio	Lower	Upper
41	100		
39	55.6	44.5	66.7
67	71.9	57.4	86.0
52	27.9	23.0	34.4

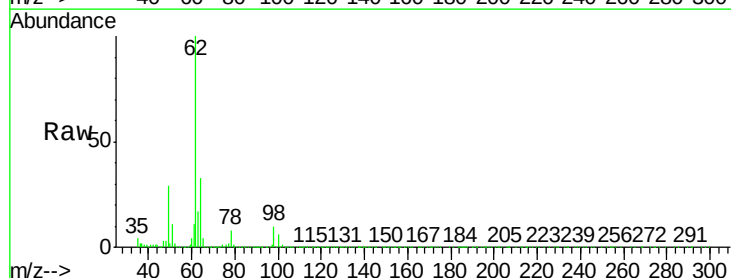


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

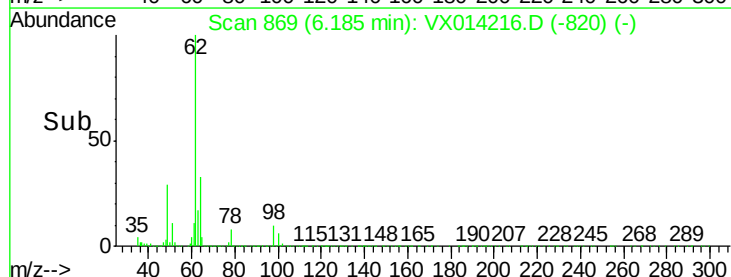
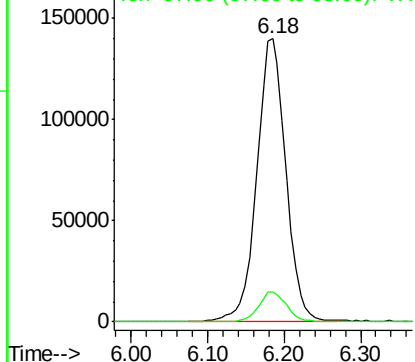


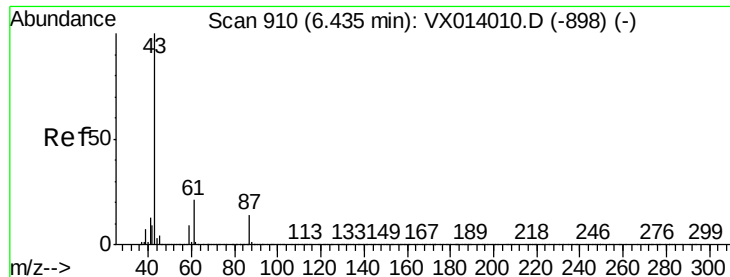
#42
1,2-Dichloroethane
Concen: 46.982 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion:	62	Resp:	369217
Ion	Ratio	Lower	Upper
62	100		
98	10.4	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: 48.551 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

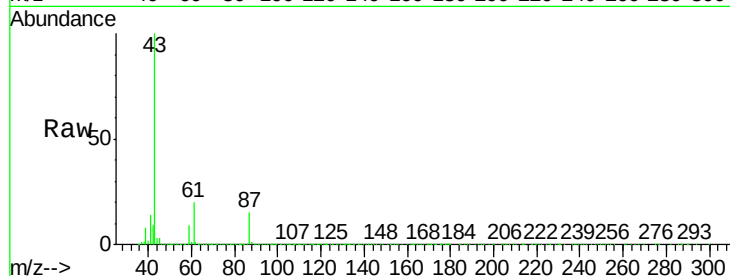
Tgt Ion: 43 Resp: 668550

Ion Ratio Lower Upper

43 100

61 20.6 16.4 24.6

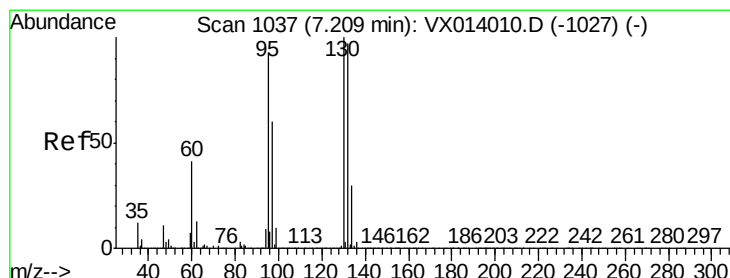
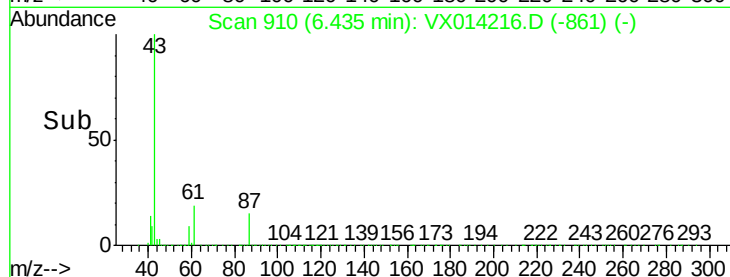
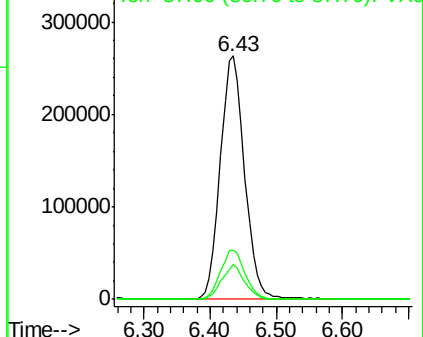
87 13.5 10.7 16.1



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: 47.088 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014216.D

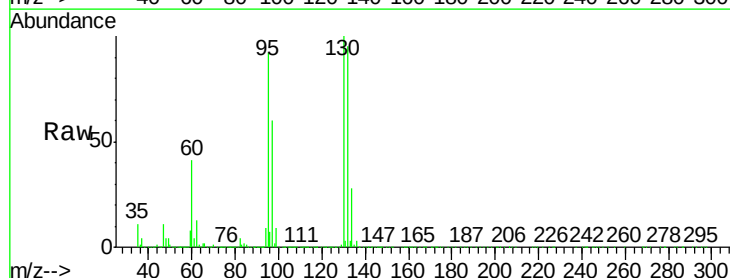
Acq: 23 Dec 2019 20:39

Tgt Ion: 130 Resp: 301526

Ion Ratio Lower Upper

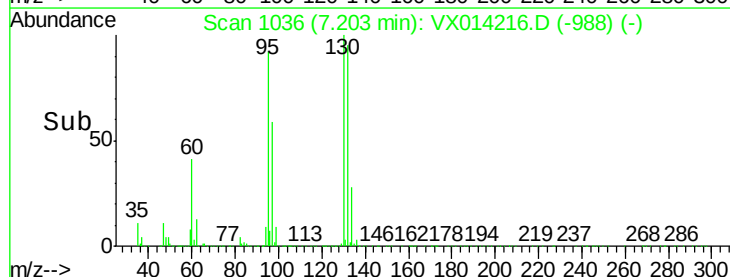
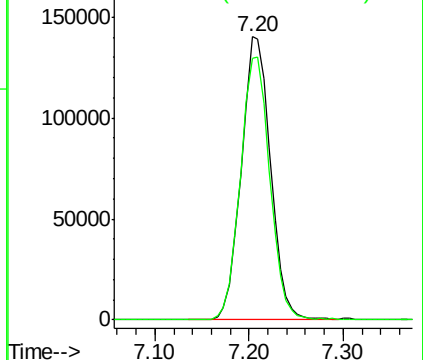
130 100

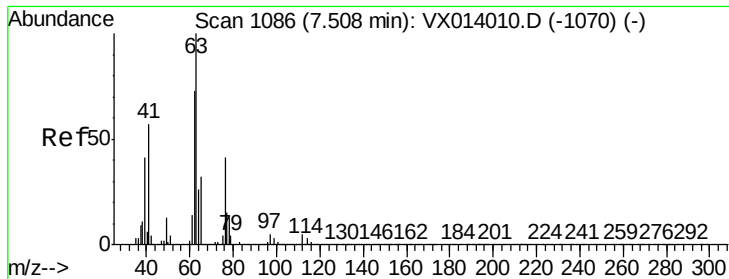
95 92.1 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

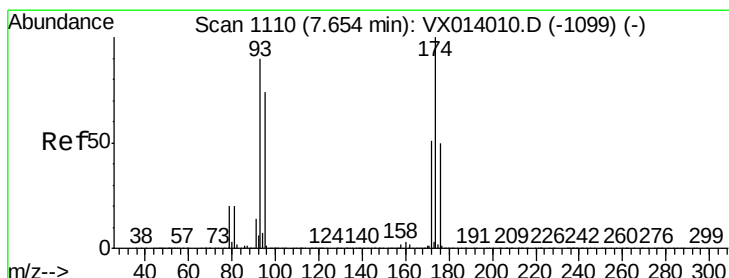
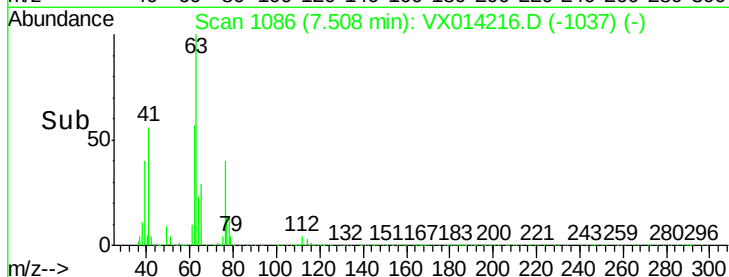
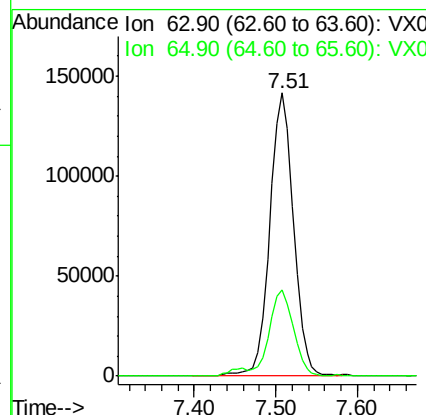
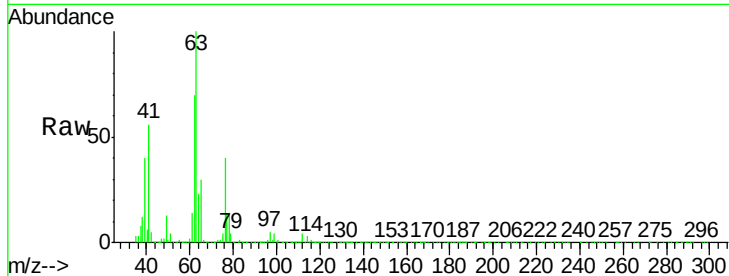




#45
 1,2-Dichloropropane
 Concen: 48.187 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014216.D
 Acq: 23 Dec 2019 20:39

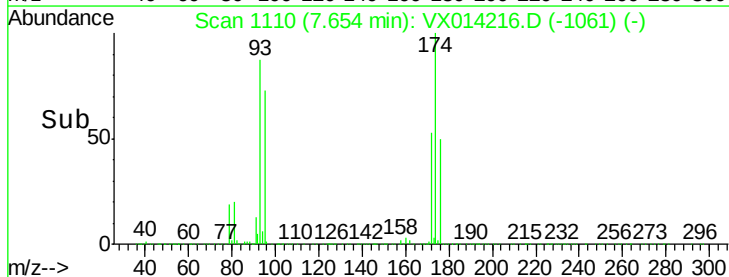
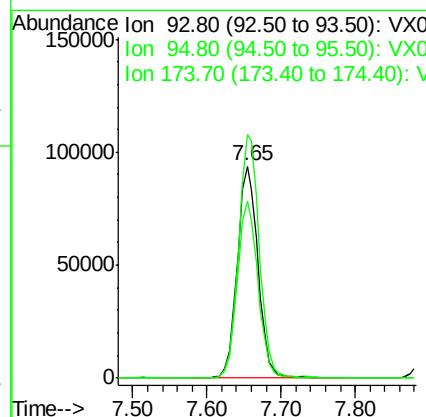
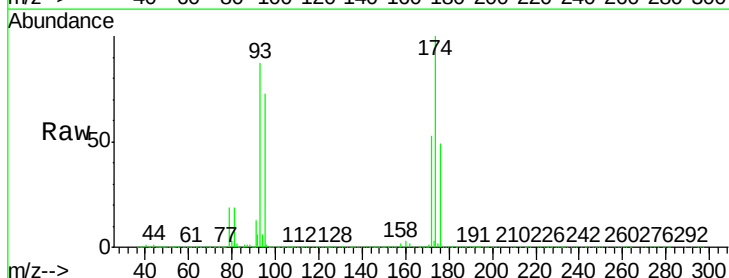
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

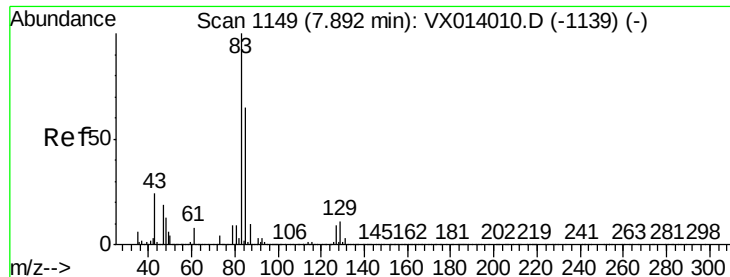
Tgt Ion: 63 Resp: 286333
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.8 38.8



#46
 Dibromomethane
 Concen: 46.316 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014216.D
 Acq: 23 Dec 2019 20:39

Tgt Ion: 93 Resp: 181961
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.3 100.9
 174 116.1 91.6 137.4





#47

Bromodichloromethane

Concen: 49.070 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

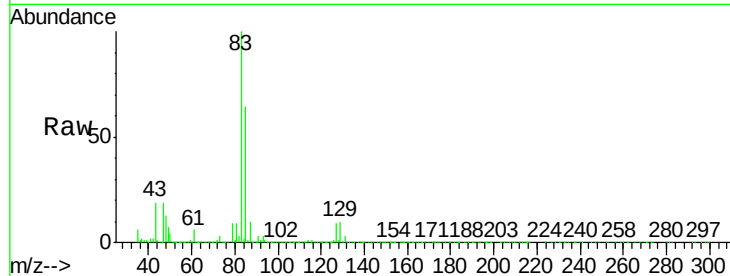
Tgt Ion: 83 Resp: 363067

Ion Ratio Lower Upper

83 100

85 63.9 51.8 77.8

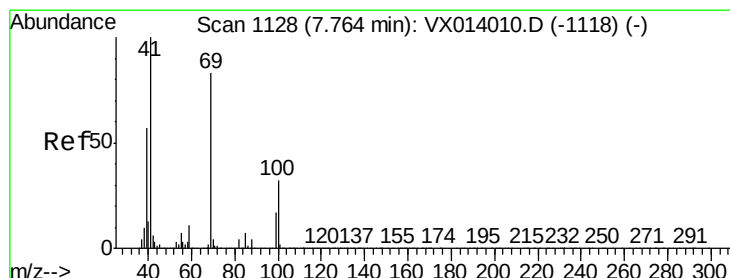
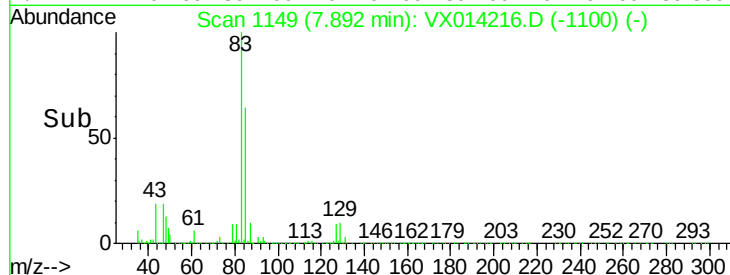
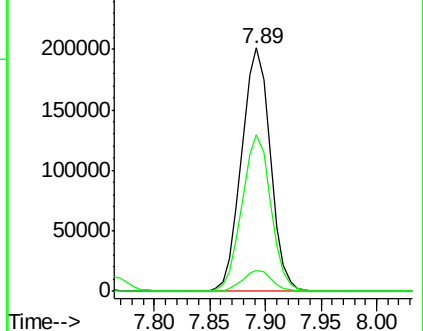
127 8.7 7.0 10.4



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: 49.178 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

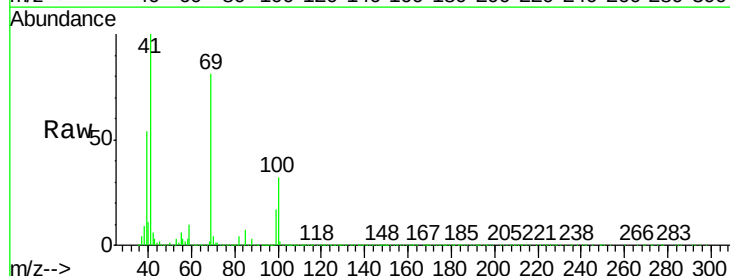
Tgt Ion: 41 Resp: 331597

Ion Ratio Lower Upper

41 100

69 80.8 65.8 98.6

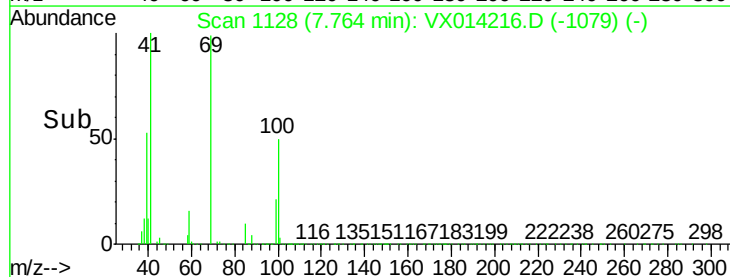
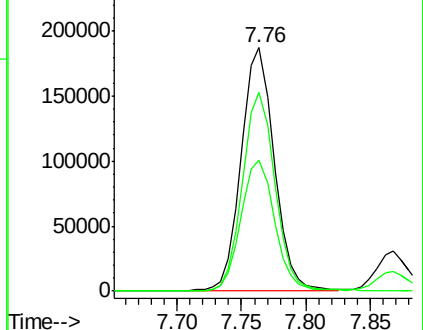
39 55.0 44.6 67.0

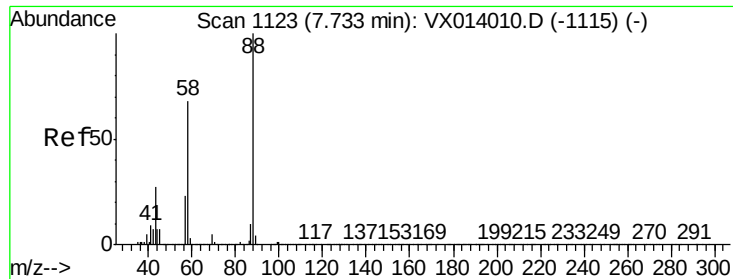


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 908.025 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

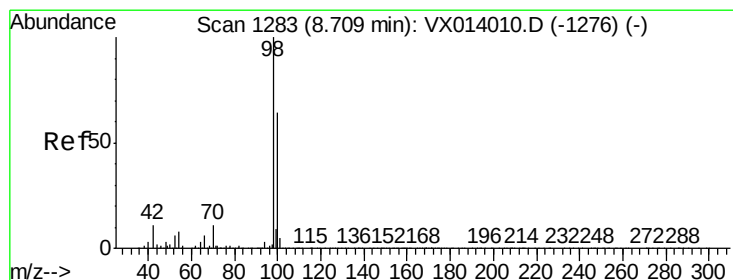
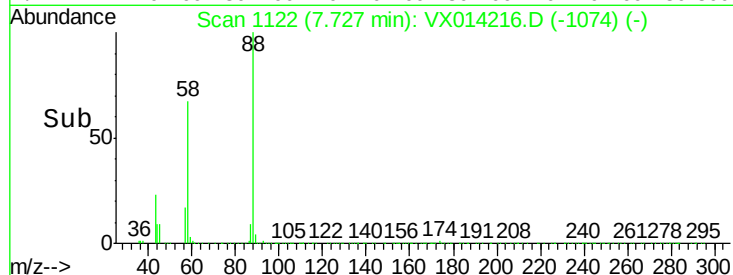
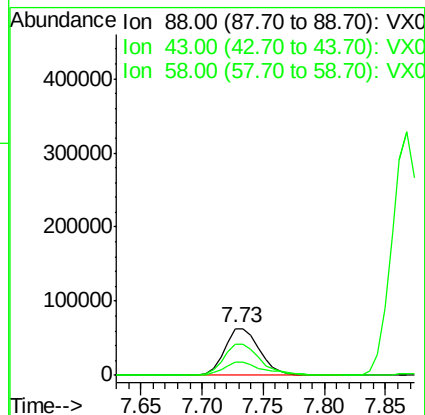
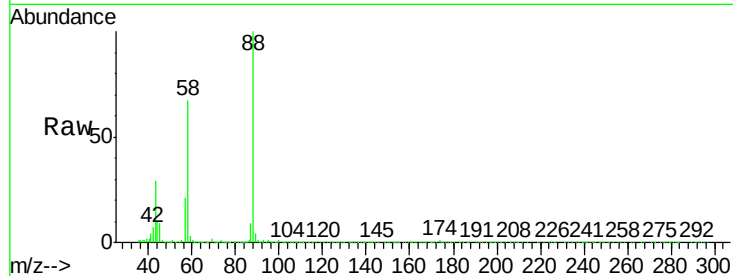
Tgt Ion: 88 Resp: 124597

Ion Ratio Lower Upper

88 100

43 32.2 26.5 39.7

58 70.1 56.8 85.2



#50

Toluene-d8

Concen: 47.650 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014216.D

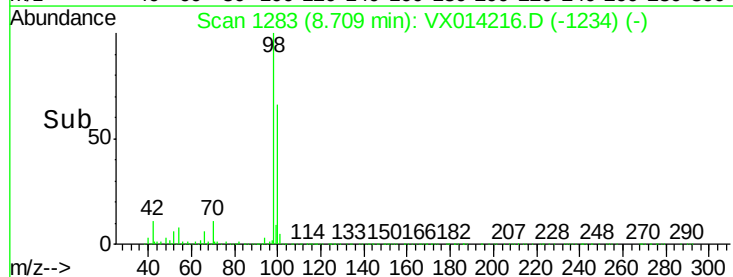
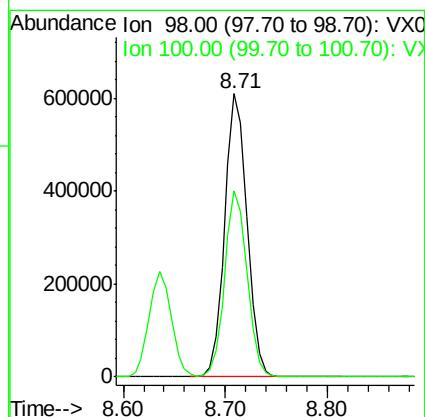
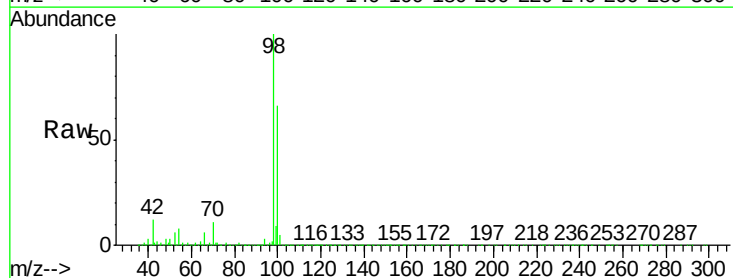
Acq: 23 Dec 2019 20:39

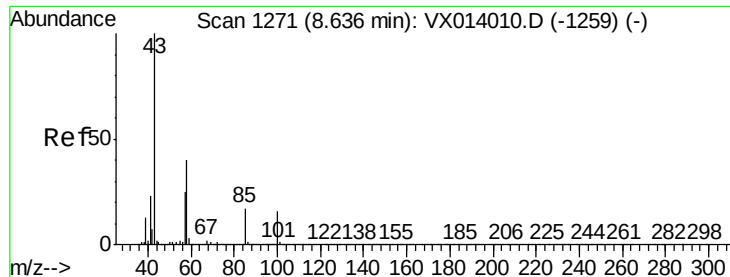
Tgt Ion: 98 Resp: 926047

Ion Ratio Lower Upper

98 100

100 65.7 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 241.974 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

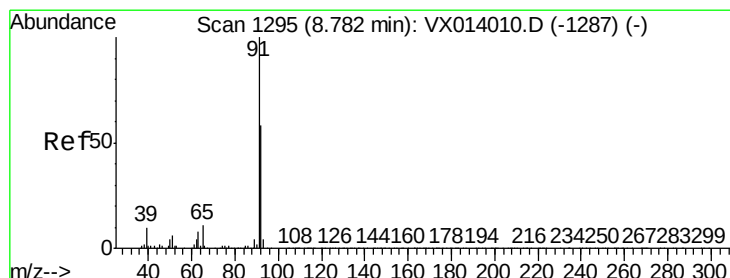
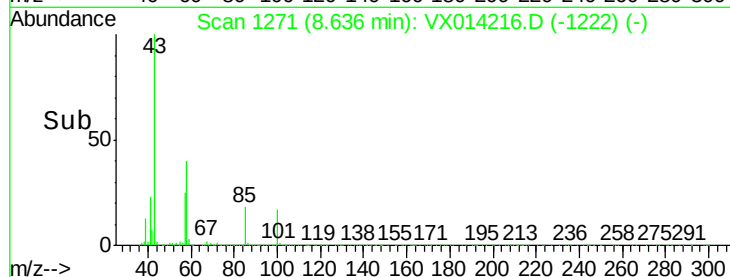
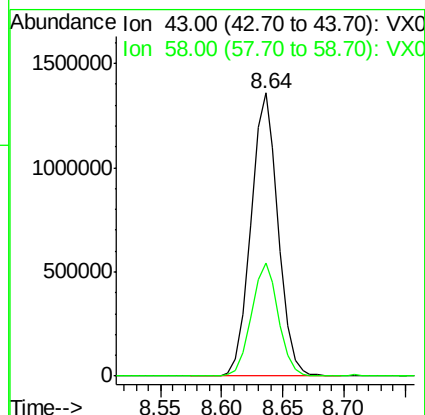
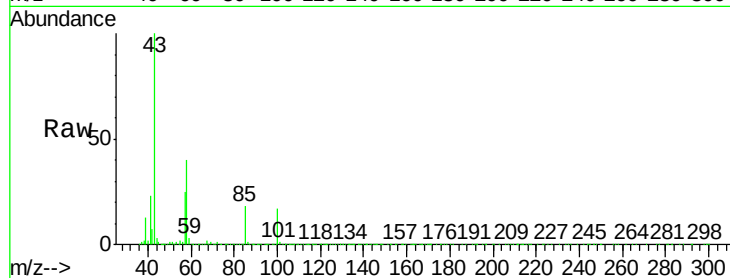
VSTDCCC050EC

Tgt Ion: 43 Resp: 2092545

Ion Ratio Lower Upper

43 100

58 39.8 32.2 48.2



#52

Toluene

Concen: 46.583 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014216.D

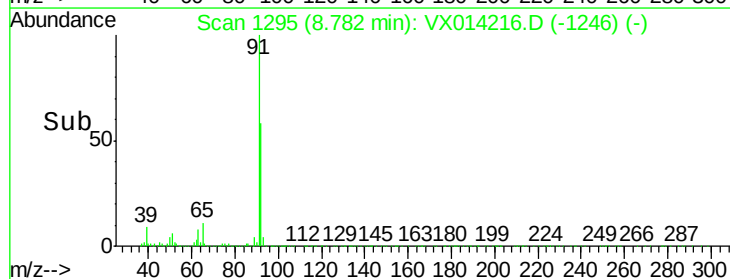
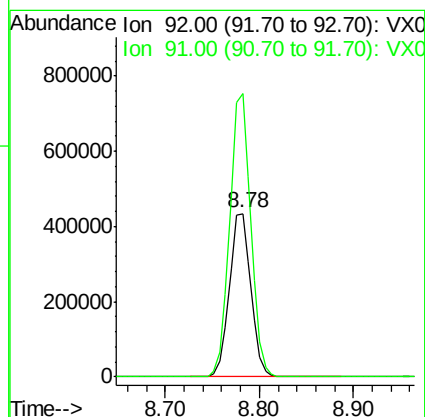
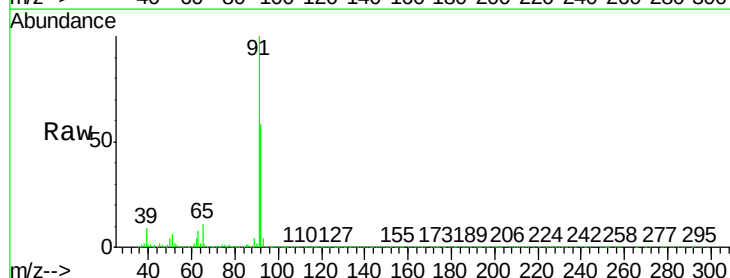
Acq: 23 Dec 2019 20:39

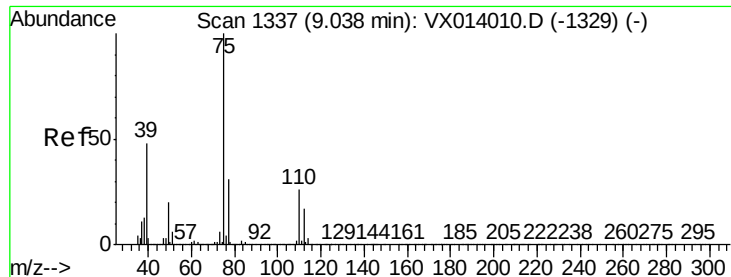
Tgt Ion: 92 Resp: 682609

Ion Ratio Lower Upper

92 100

91 171.0 136.2 204.4

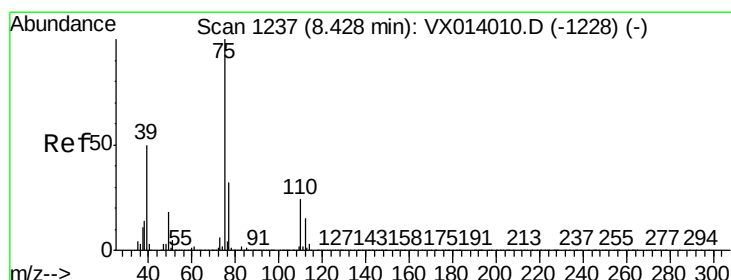
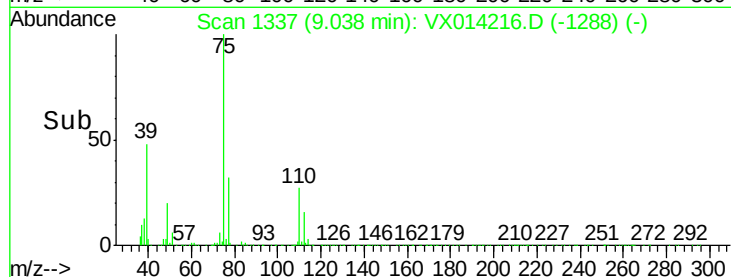
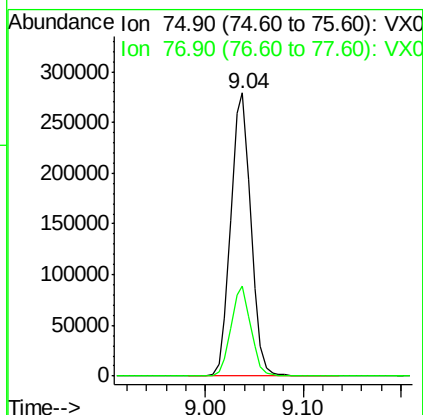
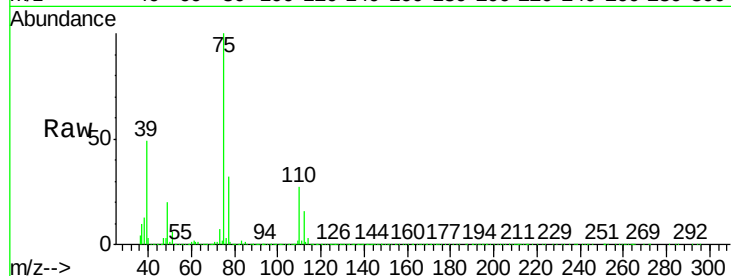




#53
t-1,3-Dichloropropene
Concen: 49.164 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

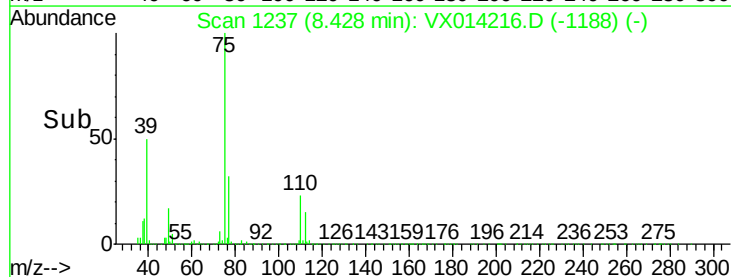
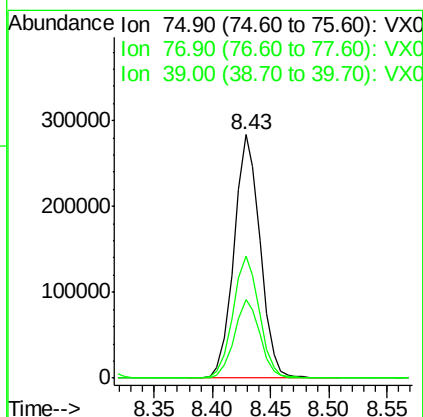
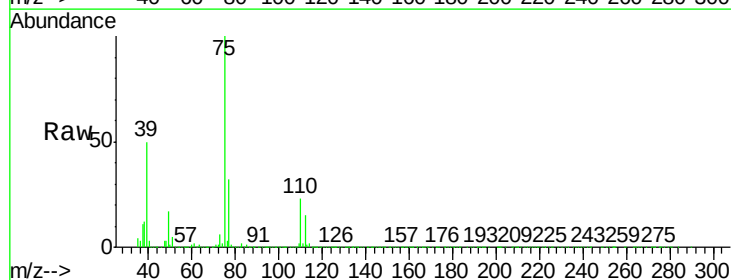
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

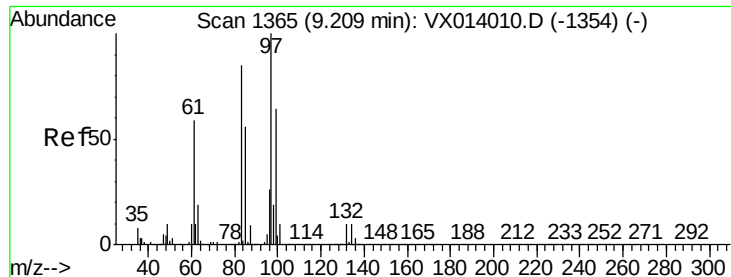
Tgt Ion: 75 Resp: 398874
Ion Ratio Lower Upper
75 100
77 31.9 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 48.916 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion: 75 Resp: 442132
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
39 49.8 39.9 59.9

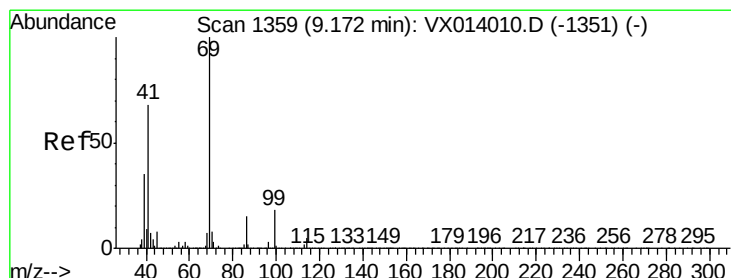
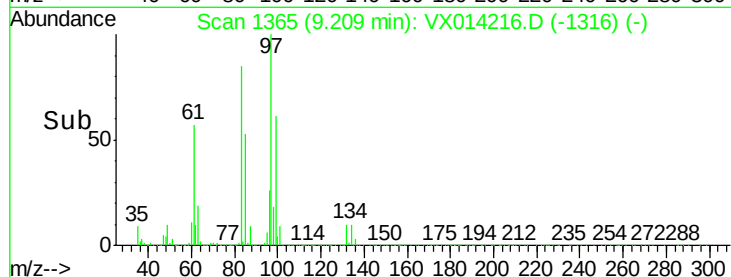
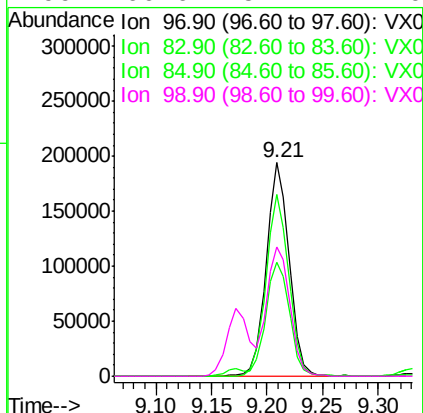
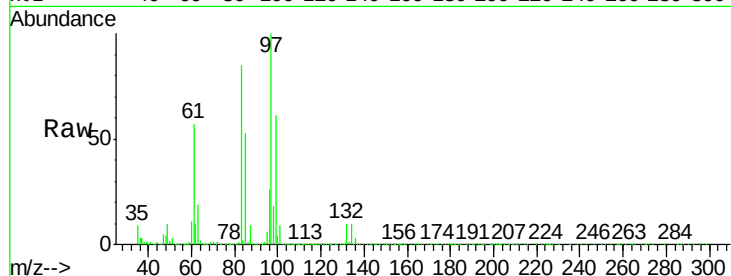




#55
 1,1,2-Trichloroethane
 Concen: 47.716 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014216.D
 Acq: 23 Dec 2019 20:39

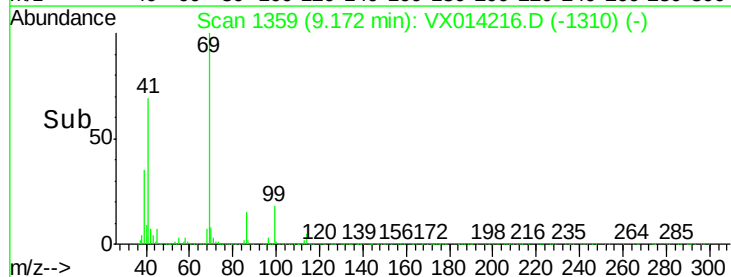
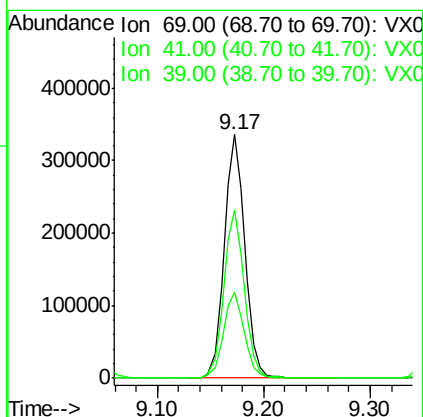
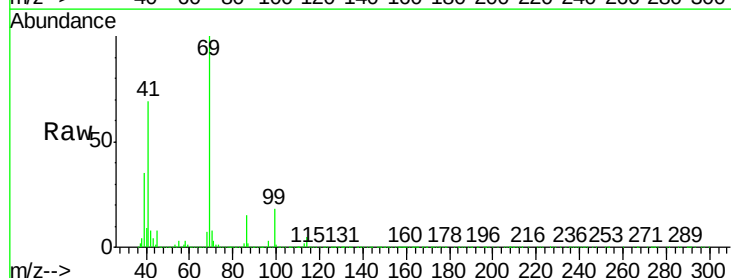
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

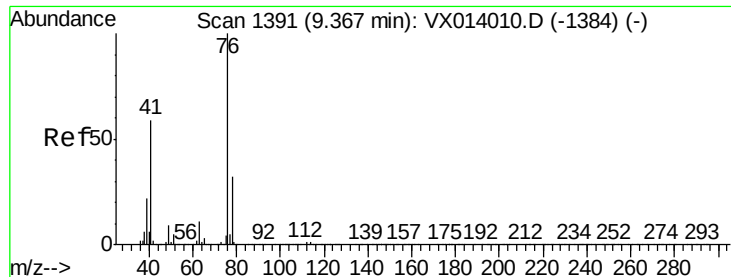
Tgt Ion:	97	Resp:	280238
Ion	Ratio	Lower	Upper
97	100		
83	85.2	68.2	102.4
85	53.4	44.6	66.8
99	60.6	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 49.266 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014216.D
 Acq: 23 Dec 2019 20:39

Tgt Ion:	69	Resp:	454502
Ion	Ratio	Lower	Upper
69	100		
41	68.2	54.8	82.2
39	35.2	28.3	42.5

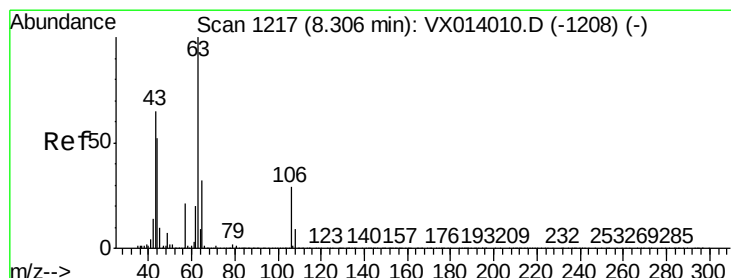
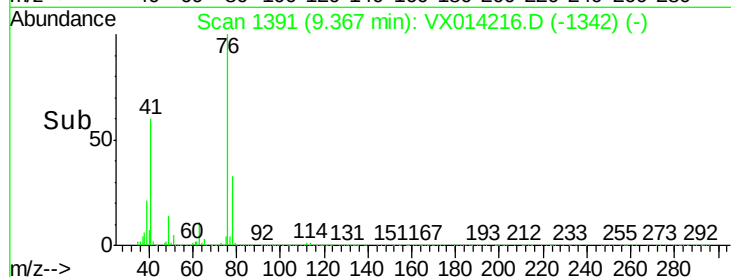
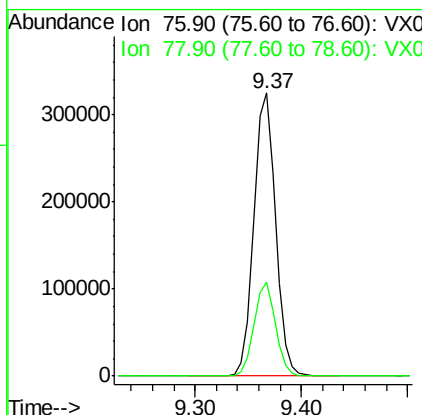
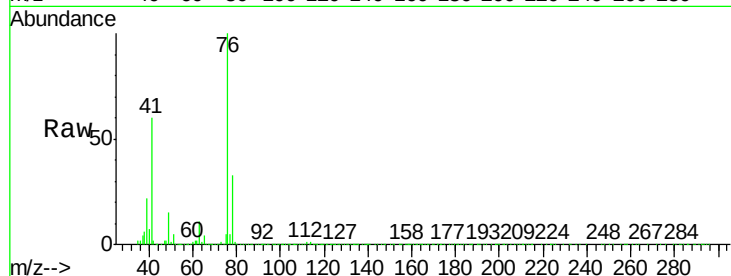




#57
 1,3-Dichloropropane
 Concen: 47.241 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014216.D
 Acq: 23 Dec 2019 20:39

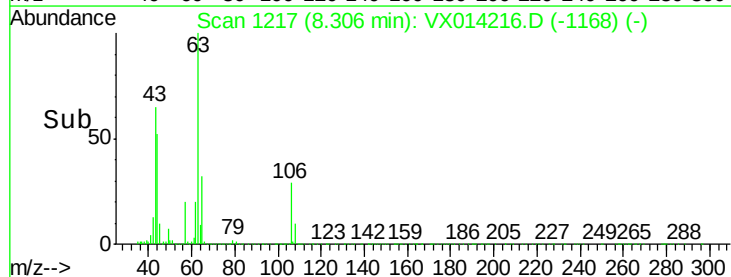
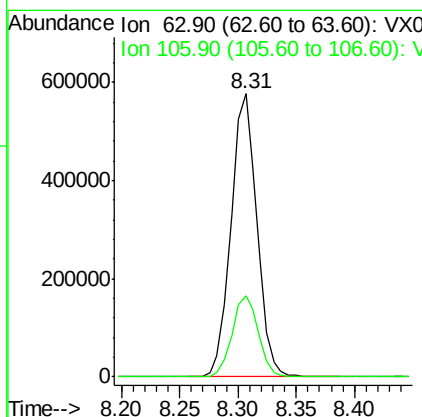
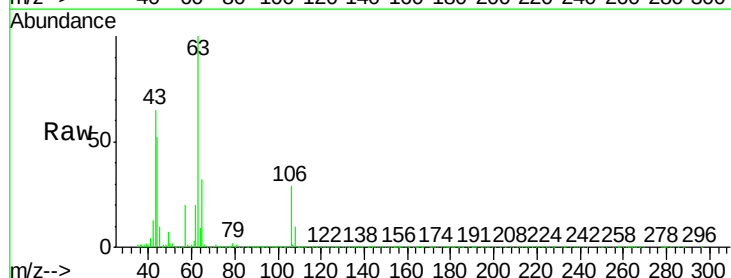
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

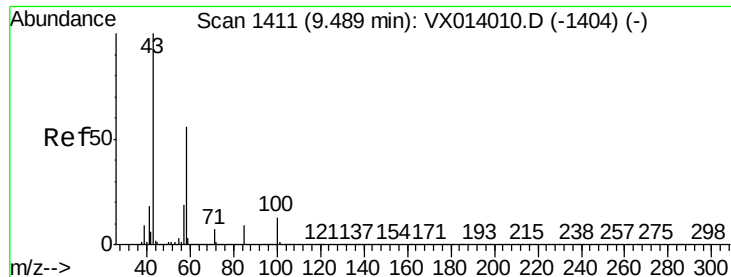
Tgt Ion: 76 Resp: 466807
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.002 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014216.D
 Acq: 23 Dec 2019 20:39

Tgt Ion: 63 Resp: 893772
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.0 34.6

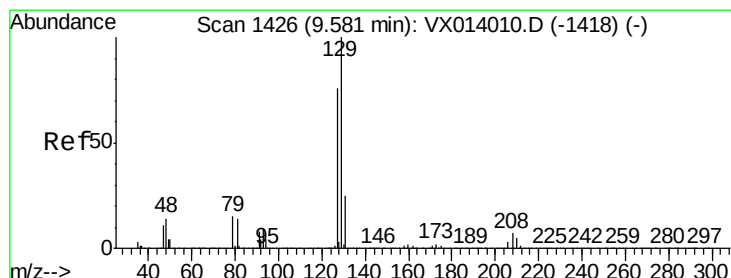
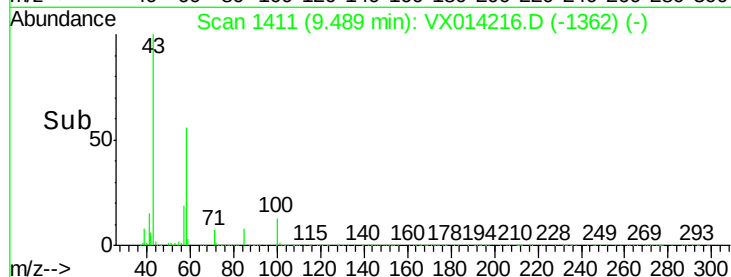
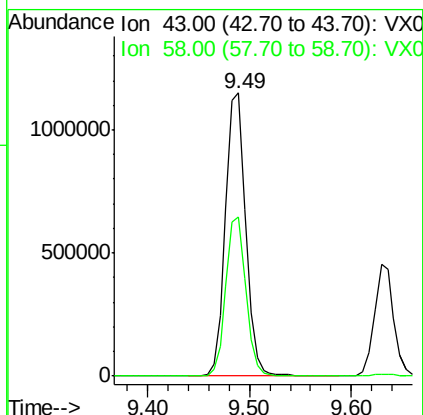
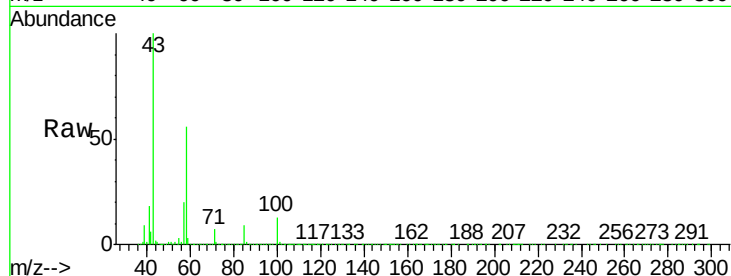




#59
2-Hexanone
Concen: 227.246 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

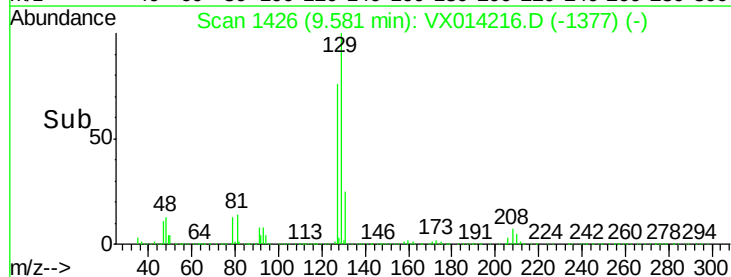
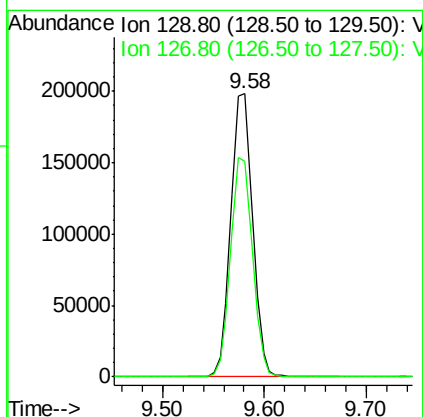
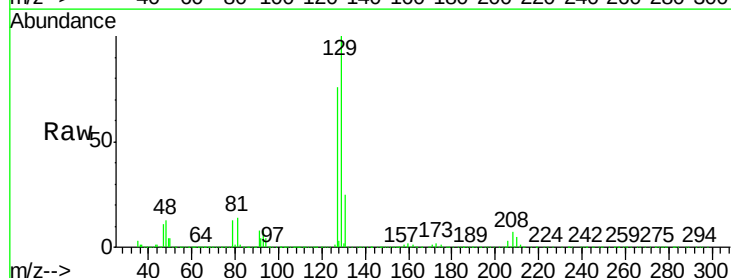
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

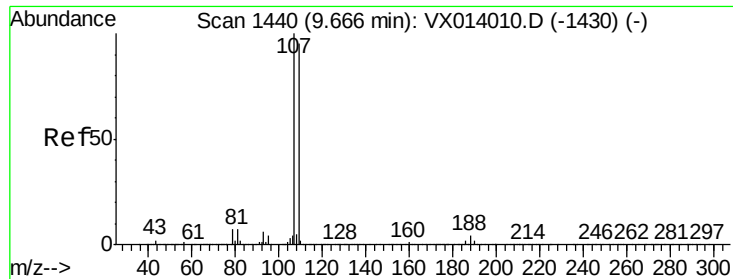
Tgt Ion: 43 Resp: 1581976
Ion Ratio Lower Upper
43 100
58 56.0 28.0 84.0



#60
Dibromochloromethane
Concen: 49.989 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion: 129 Resp: 291826
Ion Ratio Lower Upper
129 100
127 78.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 48.622 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

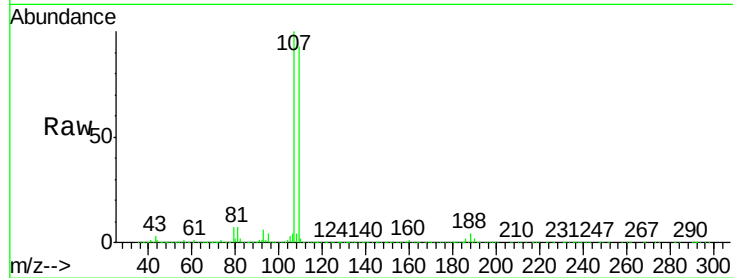
VSTDCCC050EC

Tgt Ion: 107 Resp: 292171

Ion Ratio Lower Upper

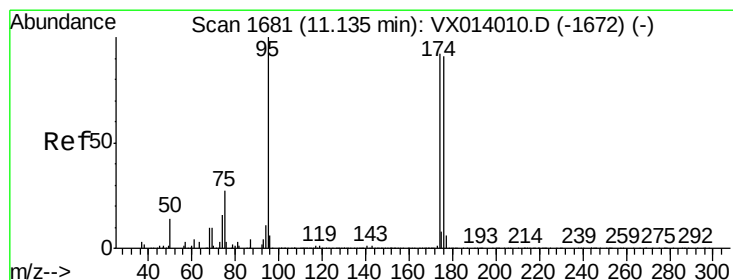
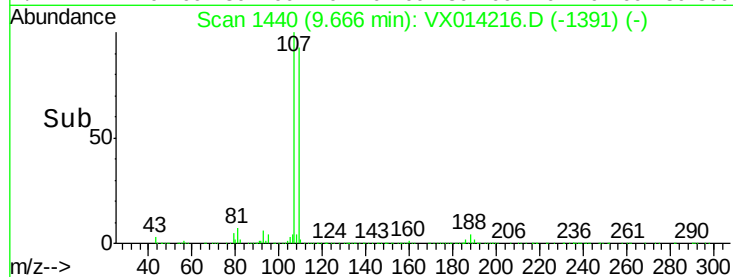
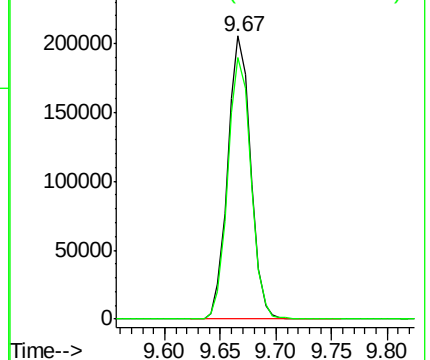
107 100

109 94.3 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.072 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

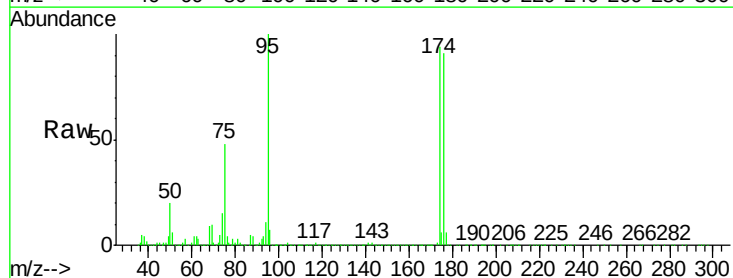
Tgt Ion: 95 Resp: 327302

Ion Ratio Lower Upper

95 100

174 89.9 0.0 175.8

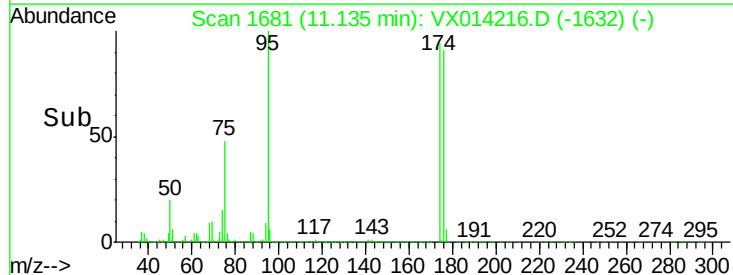
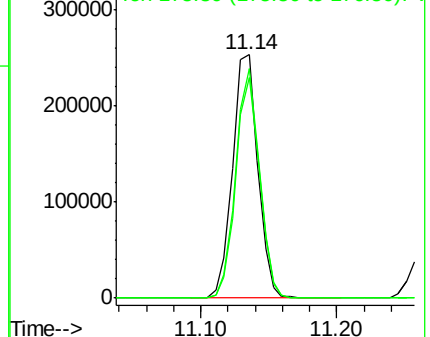
176 86.0 0.0 173.0

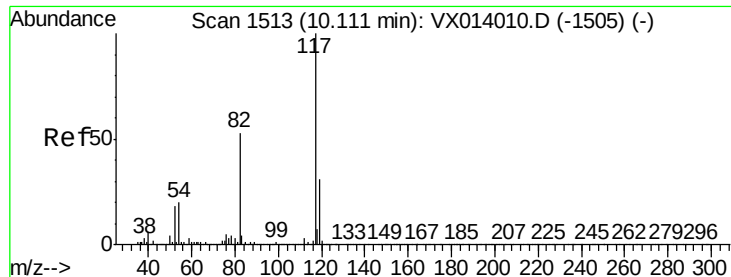


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

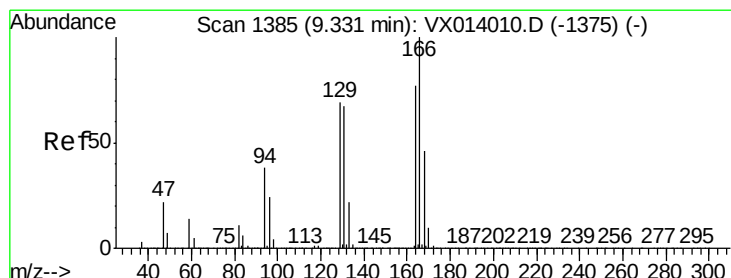
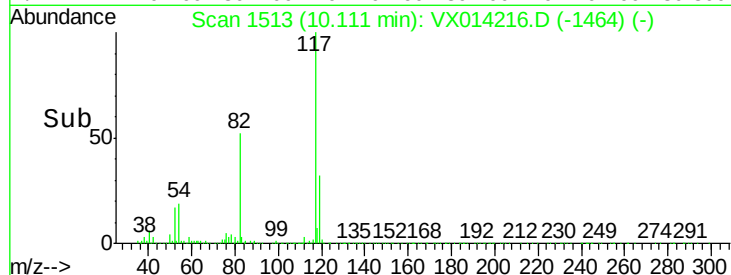
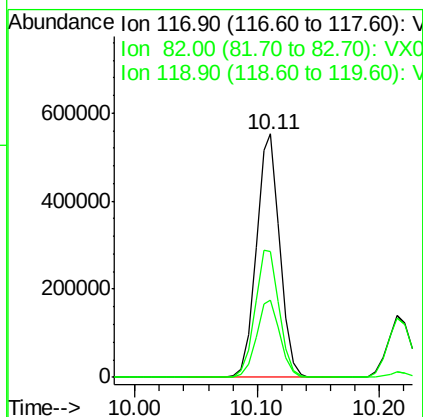
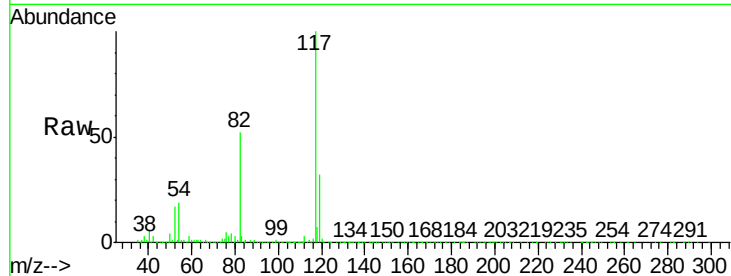




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

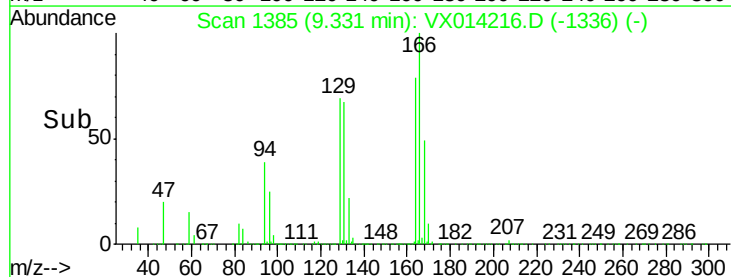
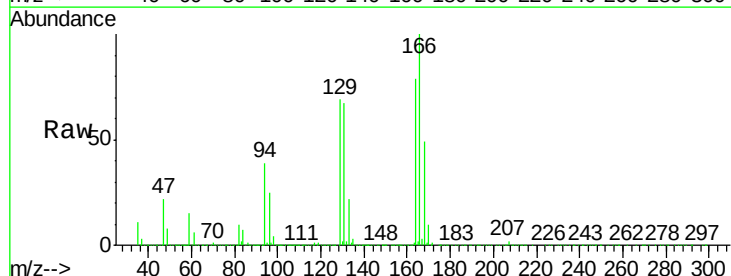
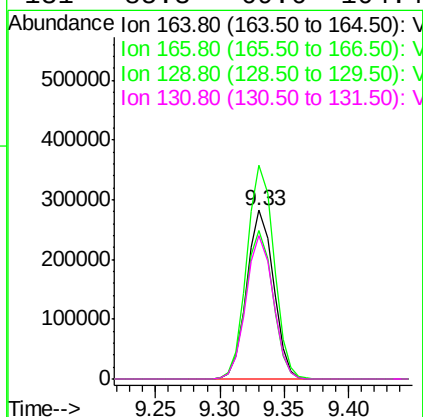
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

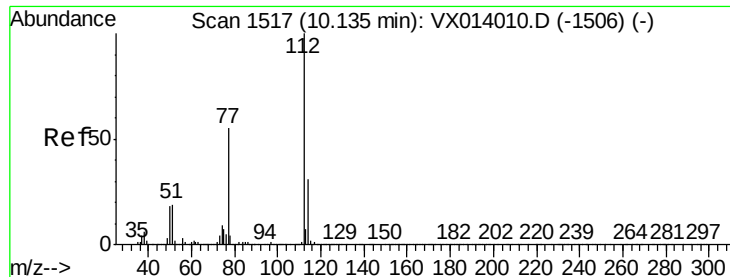
Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.2	63.4
119	31.9	25.1	37.7



#64
Tetrachloroethene
Concen: 62.132 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	104.0	156.0
129	88.0	72.2	108.4
131	85.3	69.6	104.4

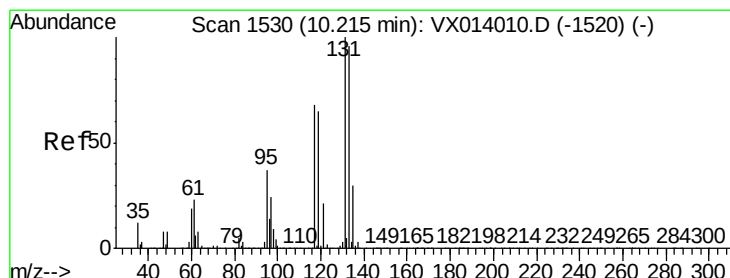
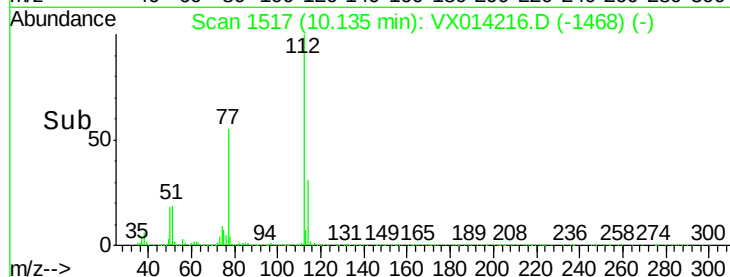
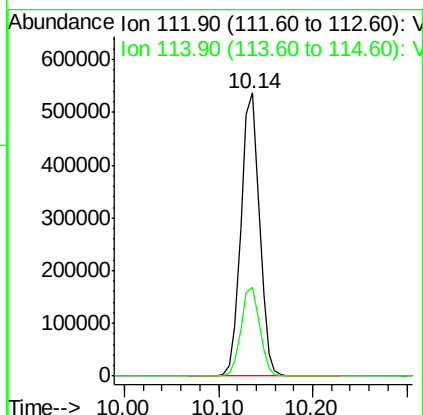
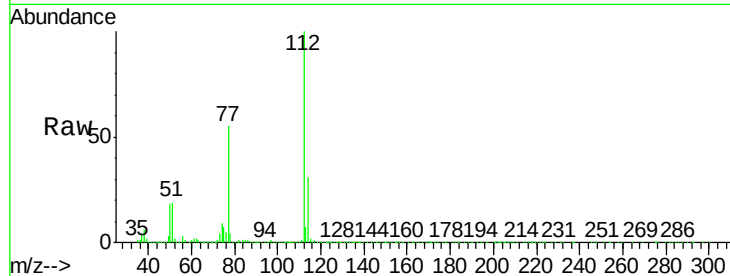




#65
Chlorobenzene
Concen: 46.913 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

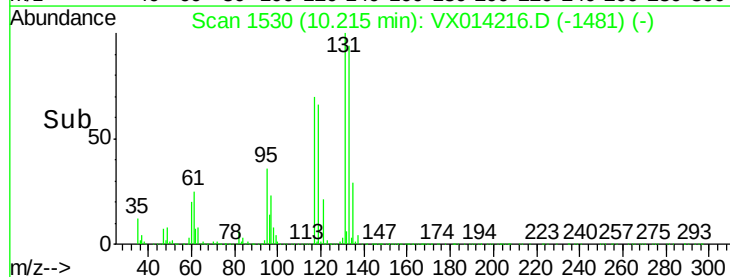
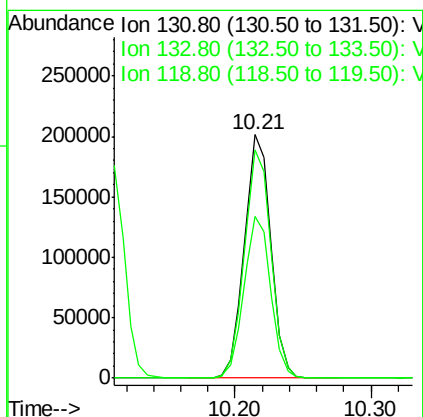
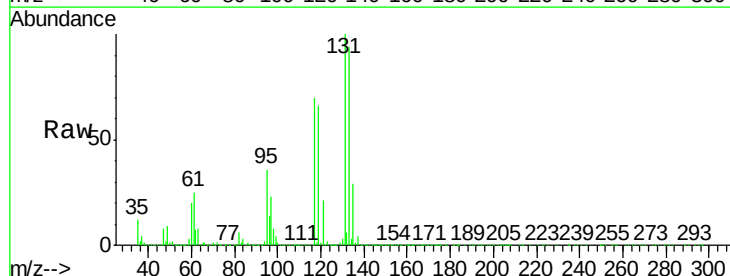
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

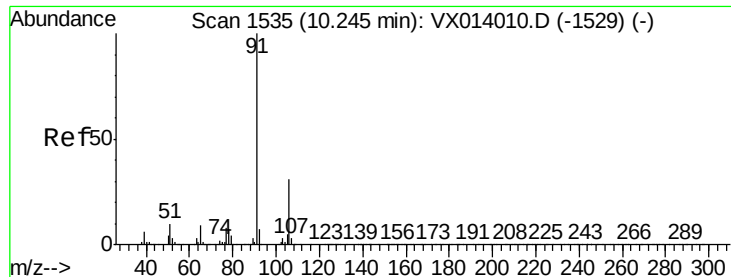
Tgt Ion:112 Resp: 734239
Ion Ratio Lower Upper
112 100
114 31.5 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.920 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion:131 Resp: 273384
Ion Ratio Lower Upper
131 100
133 94.8 48.0 144.0
119 66.9 33.4 100.2





#67

Ethyl Benzene

Concen: 47.890 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

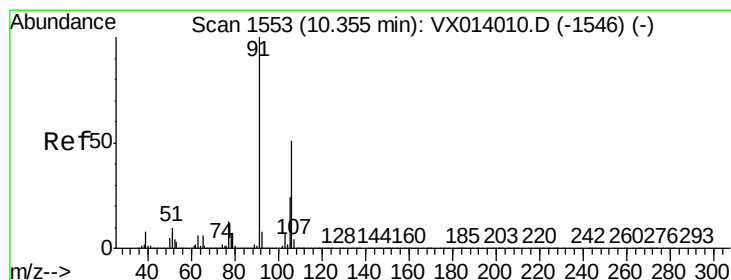
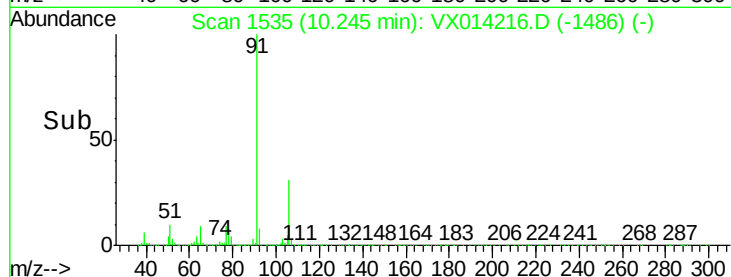
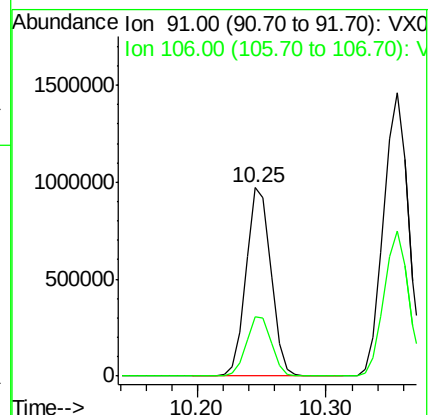
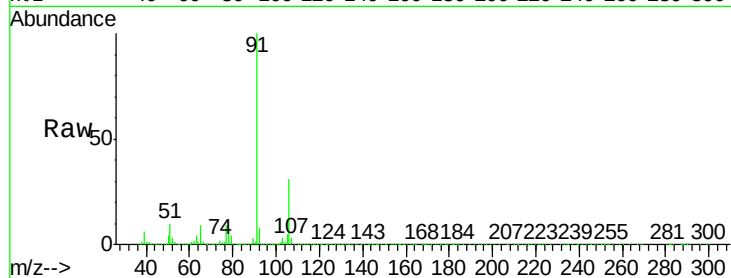
VSTDCCC050EC

Tgt Ion: 91 Resp: 1288615

Ion Ratio Lower Upper

91 100

106 31.4 25.0 37.6



#68

m/p-Xylenes

Concen: 96.028 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014216.D

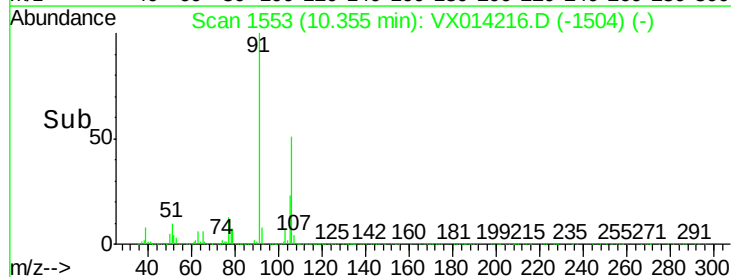
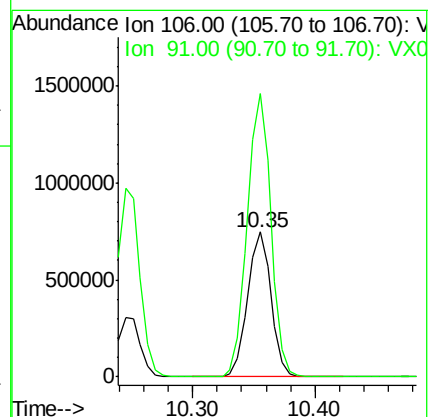
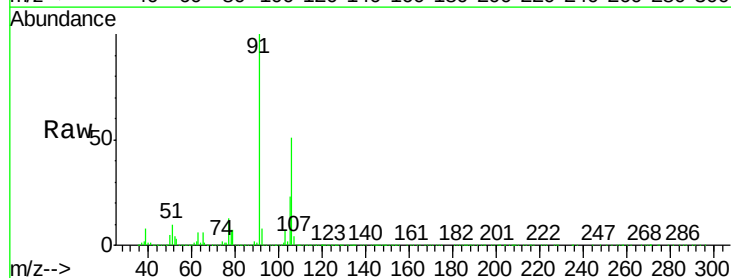
Acq: 23 Dec 2019 20:39

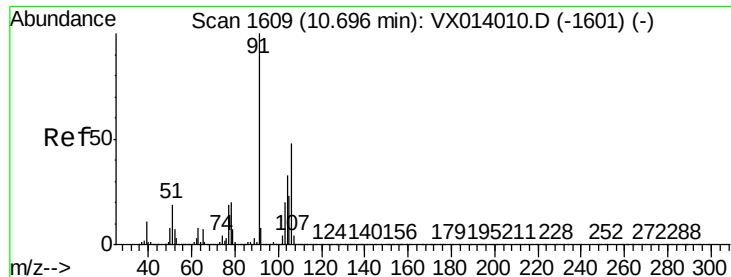
Tgt Ion: 106 Resp: 993816

Ion Ratio Lower Upper

106 100

91 197.1 158.6 238.0

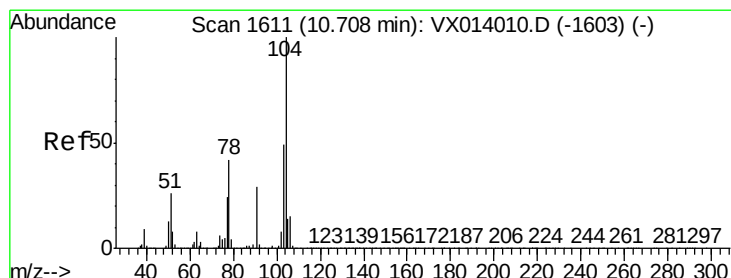
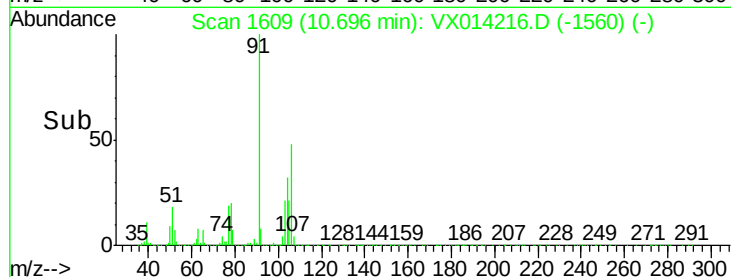
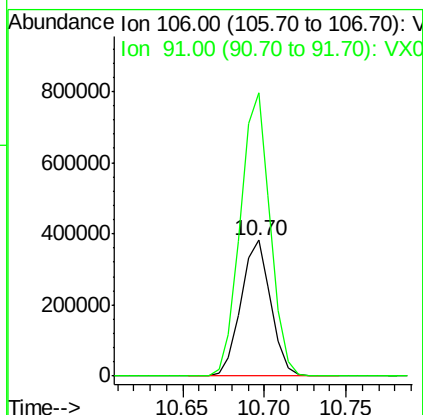
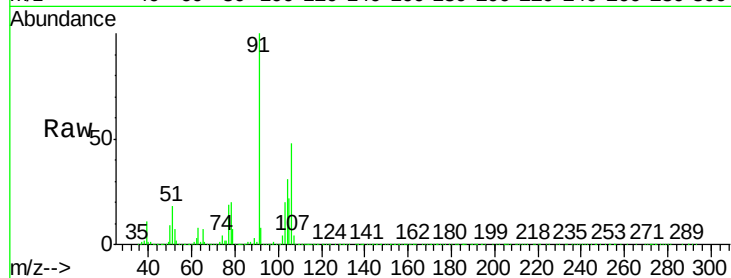




#69
o-Xylene
Concen: 47.597 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

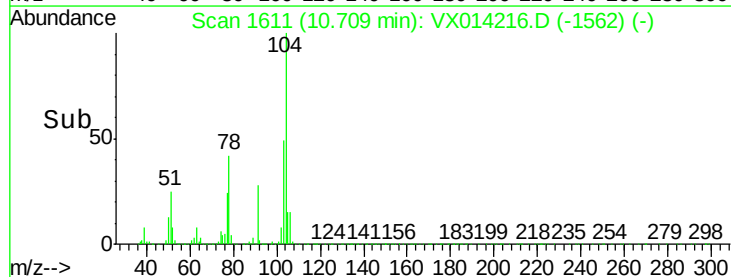
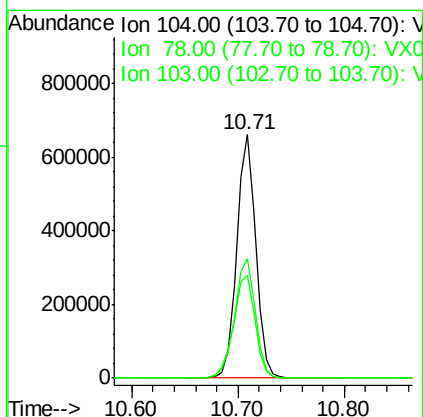
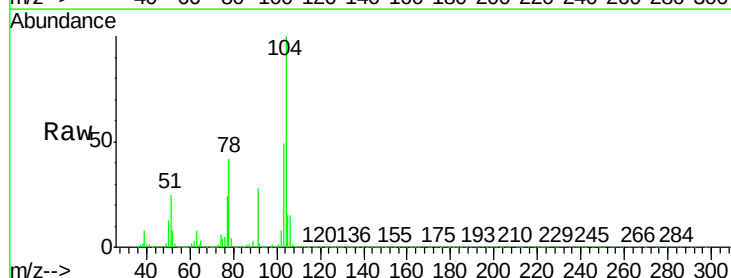
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

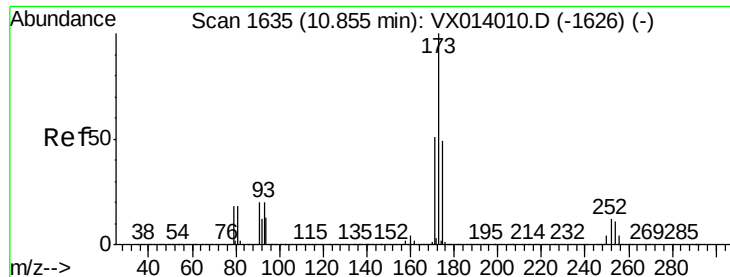
Tgt Ion:106 Resp: 483107
Ion Ratio Lower Upper
106 100
91 209.8 104.2 312.6



#70
Styrene
Concen: 48.384 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion:104 Resp: 830441
Ion Ratio Lower Upper
104 100
78 48.0 38.5 57.7
103 53.7 42.9 64.3





#71

Bromoform

Concen: 49.933 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

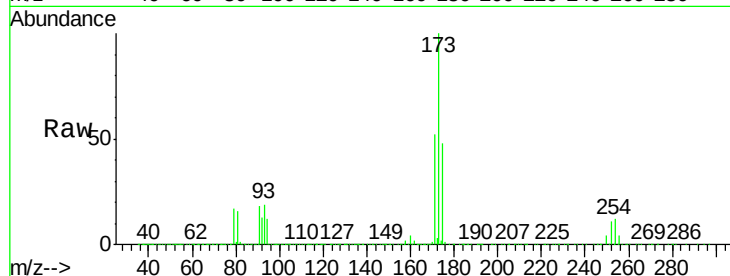
Tgt Ion:173 Resp: 224302

Ion Ratio Lower Upper

173 100

175 48.2 24.4 73.4

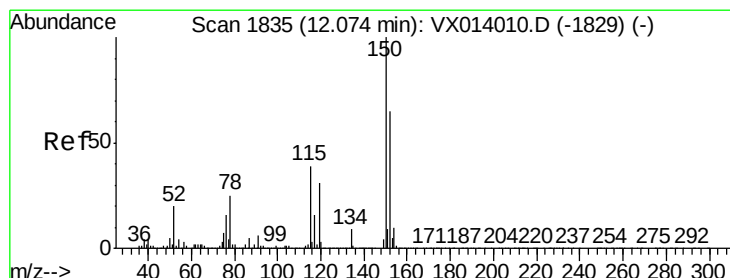
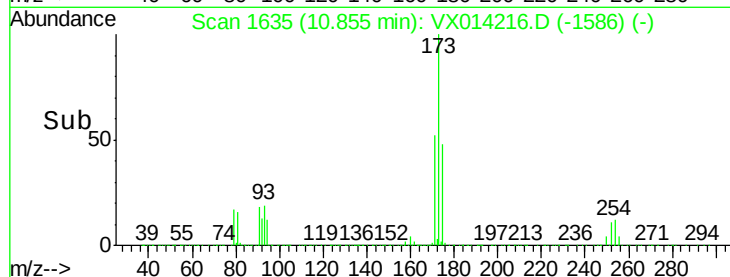
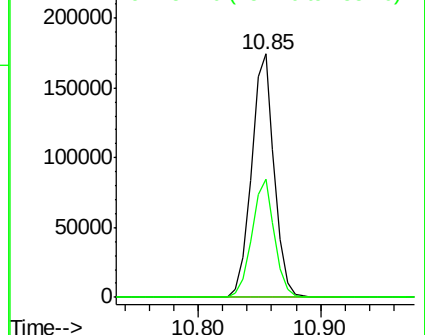
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

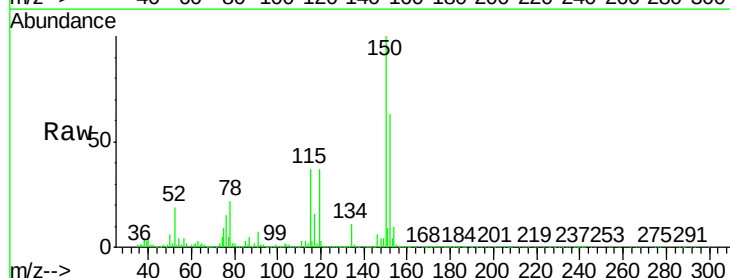
Tgt Ion:152 Resp: 369296

Ion Ratio Lower Upper

152 100

115 76.5 38.3 114.9

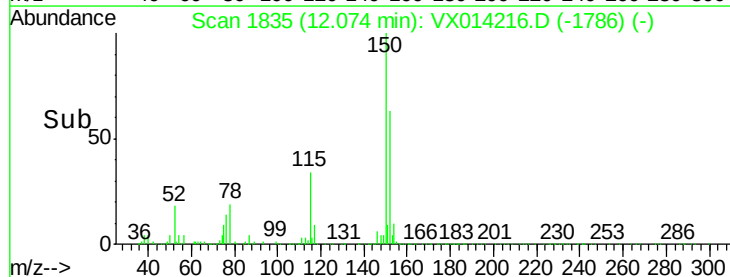
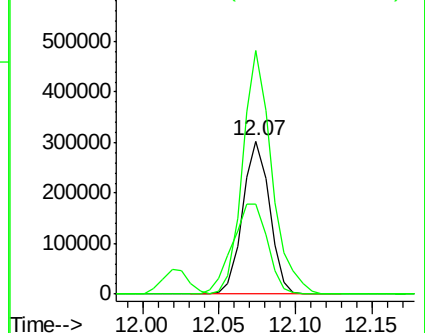
150 171.9 0.0 345.4

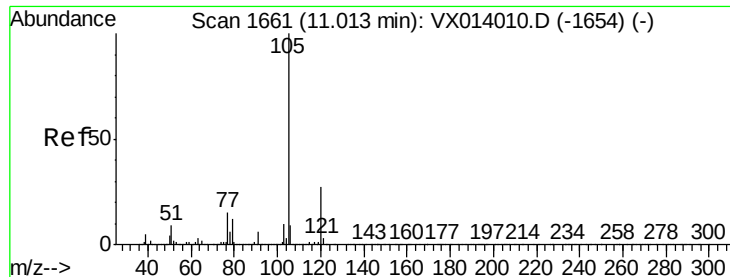


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.712 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

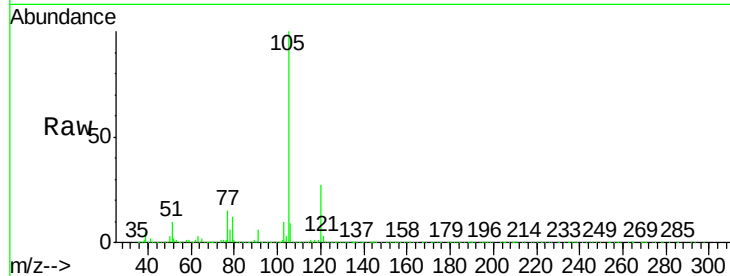
VSTDCCC050EC

Tgt Ion: 105 Resp: 1266564

Ion Ratio Lower Upper

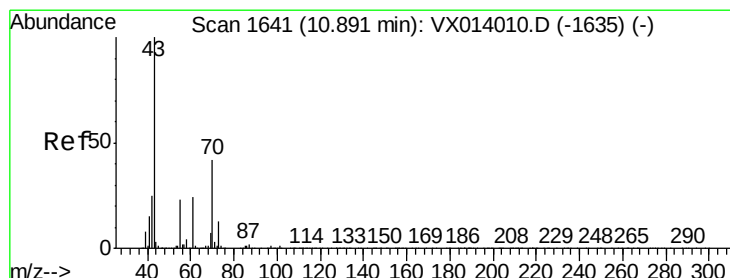
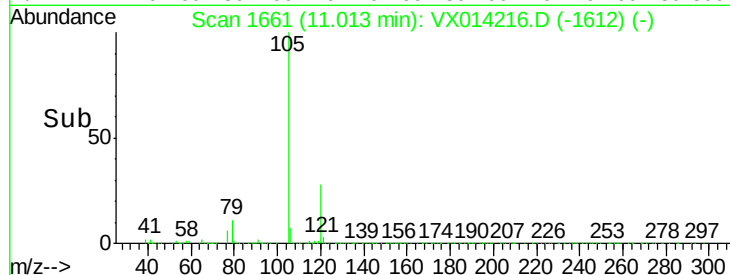
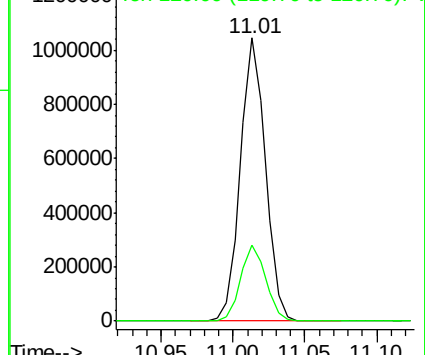
105 100

120 27.2 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: 48.123 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Tgt Ion: 43 Resp: 586518

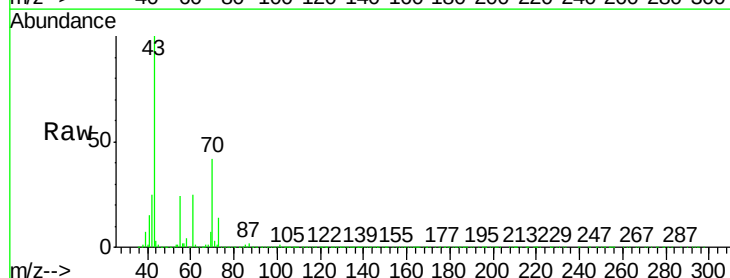
Ion Ratio Lower Upper

43 100

70 43.0 34.4 51.6

55 24.3 19.1 28.7

61 25.0 19.7 29.5

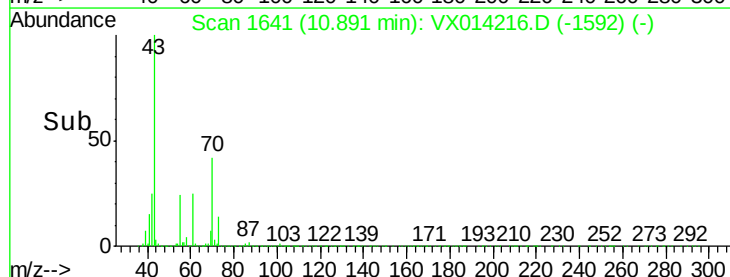
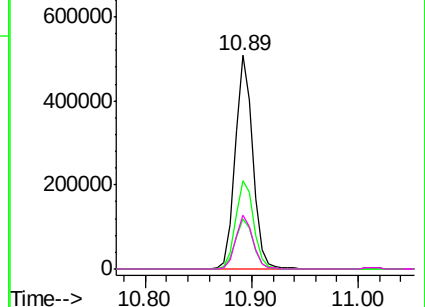


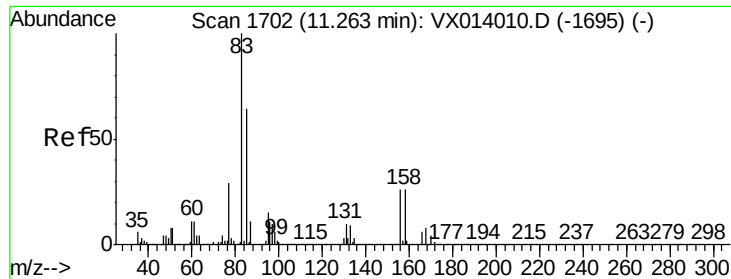
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 45.848 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

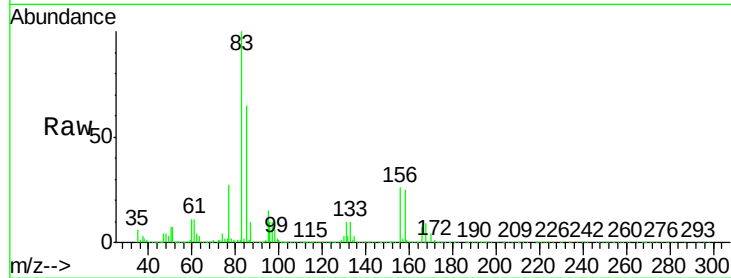
Tgt Ion: 83 Resp: 413297

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

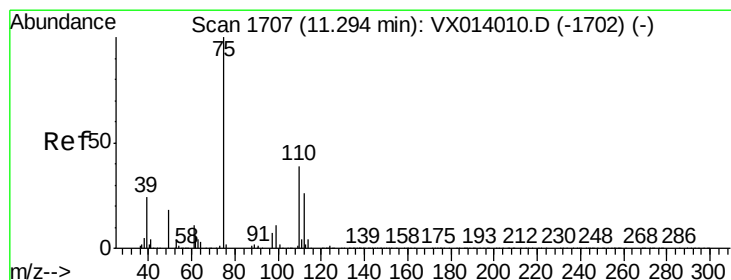
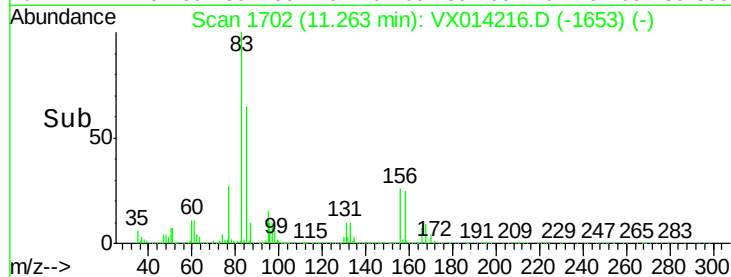
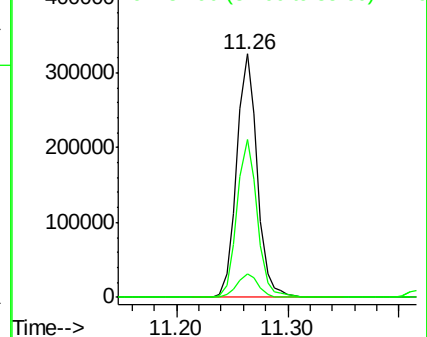
85 64.8 31.9 95.7



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: 61.742 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014216.D

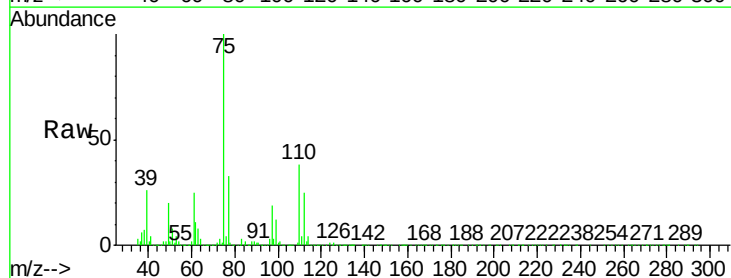
Acq: 23 Dec 2019 20:39

Tgt Ion: 75 Resp: 495004

Ion Ratio Lower Upper

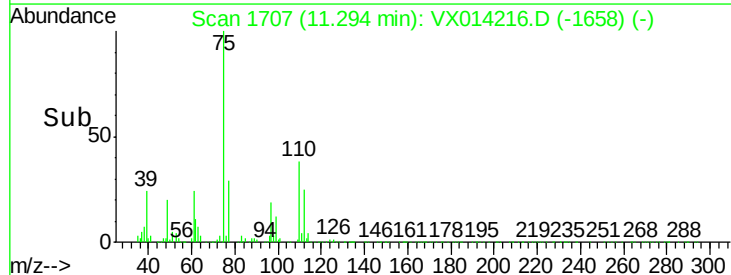
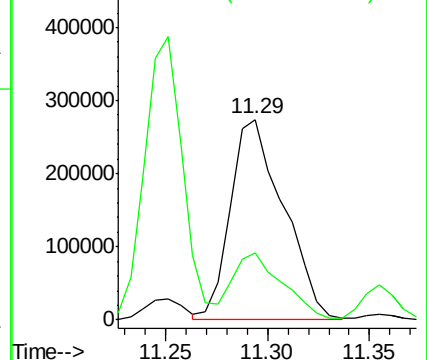
75 100

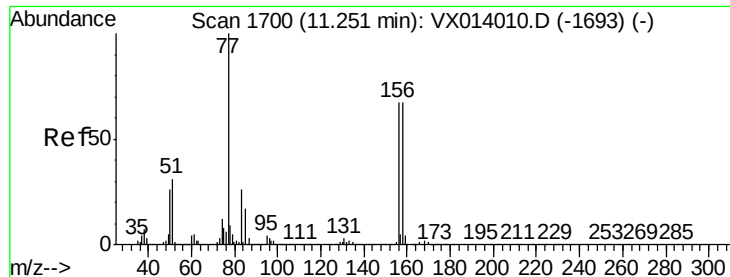
77 30.6 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.335 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

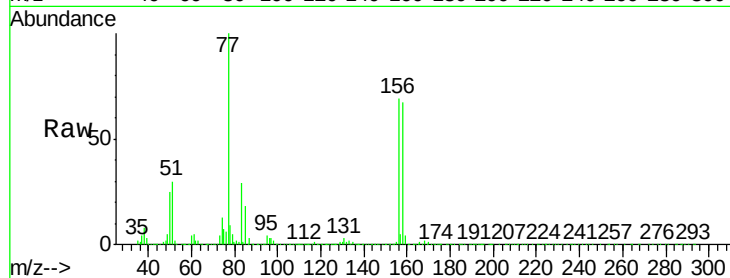
Tgt Ion:156 Resp: 331477

Ion Ratio Lower Upper

156 100

77 151.8 76.5 229.5

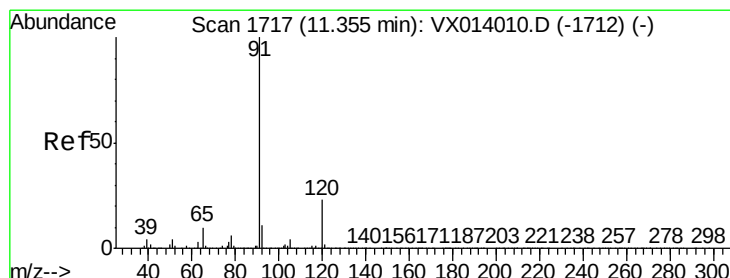
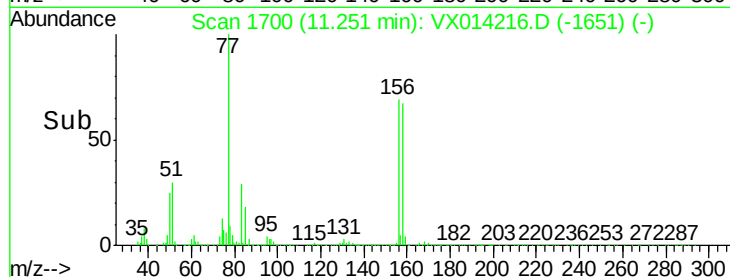
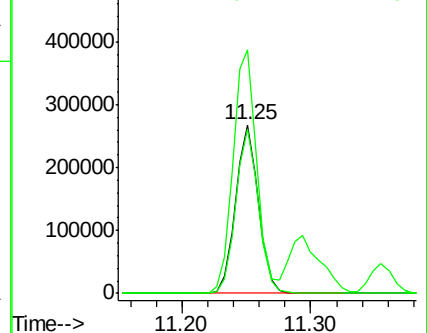
158 97.0 49.3 147.9



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: 49.096 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014216.D

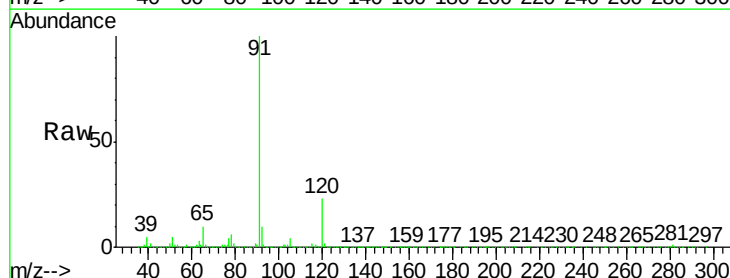
Acq: 23 Dec 2019 20:39

Tgt Ion: 91 Resp: 1431891

Ion Ratio Lower Upper

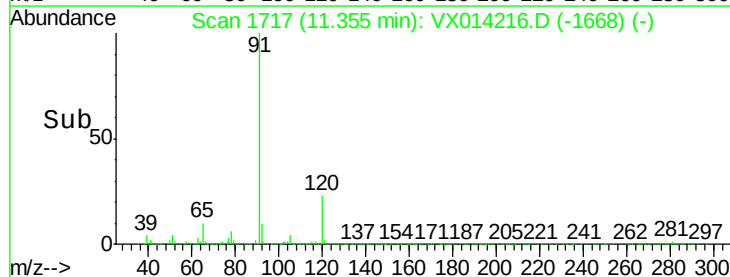
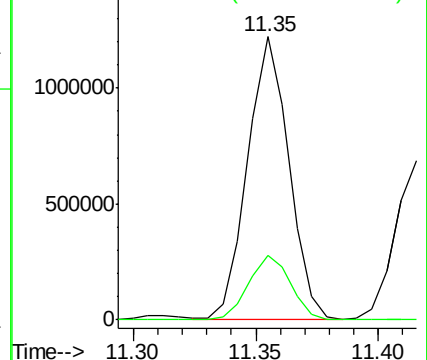
91 100

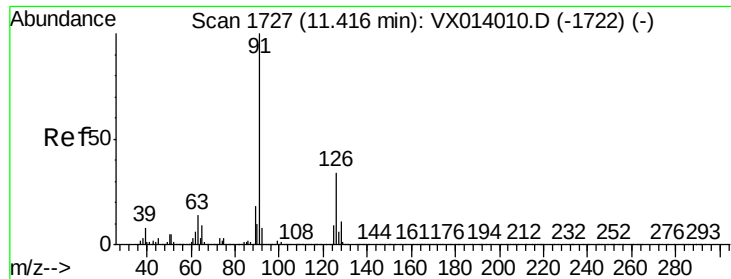
120 23.3 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.724 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

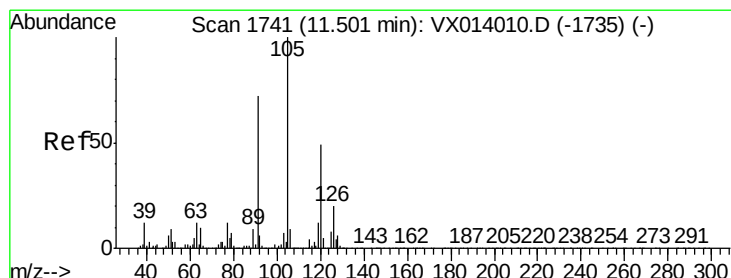
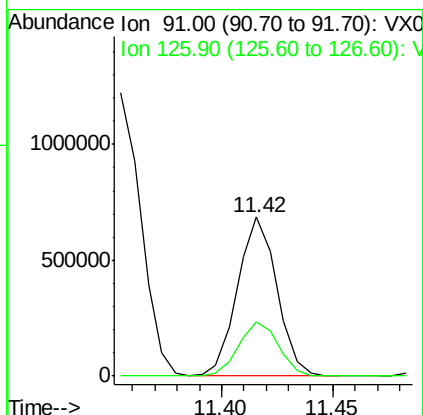
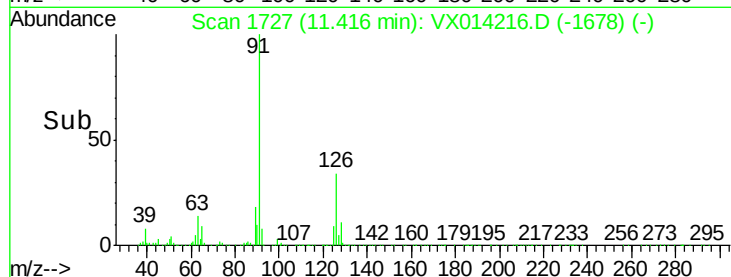
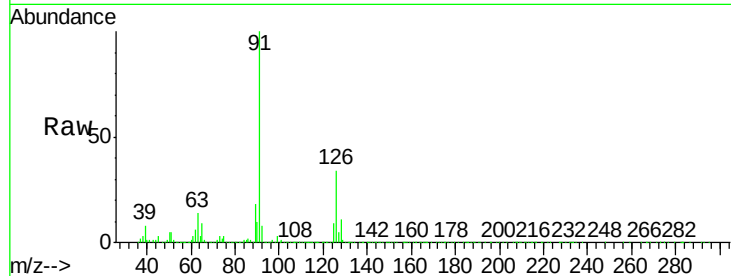
VSTDCCC050EC

Tgt Ion: 91 Resp: 846082

Ion Ratio Lower Upper

91 100

126 35.1 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 48.246 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014216.D

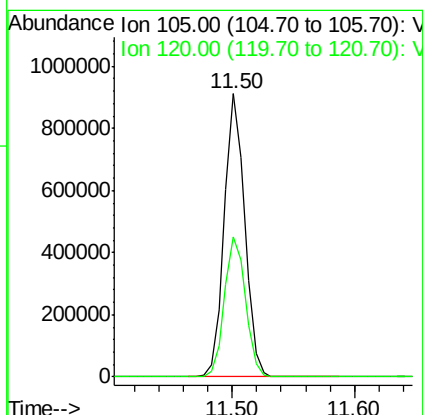
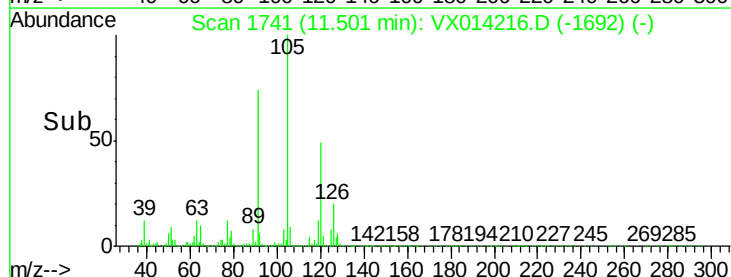
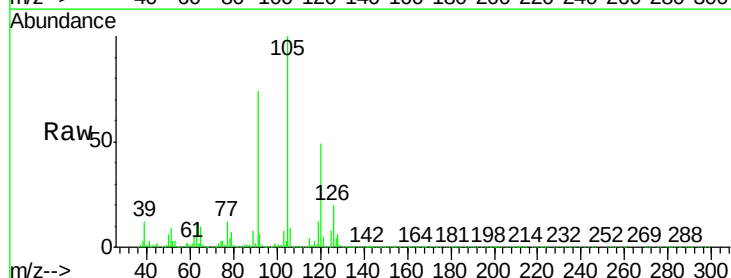
Acq: 23 Dec 2019 20:39

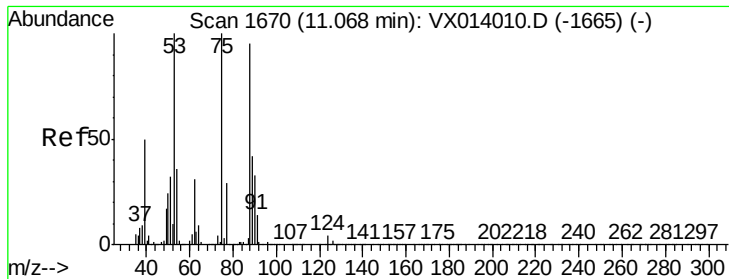
Tgt Ion: 105 Resp: 1055751

Ion Ratio Lower Upper

105 100

120 50.6 25.3 75.8

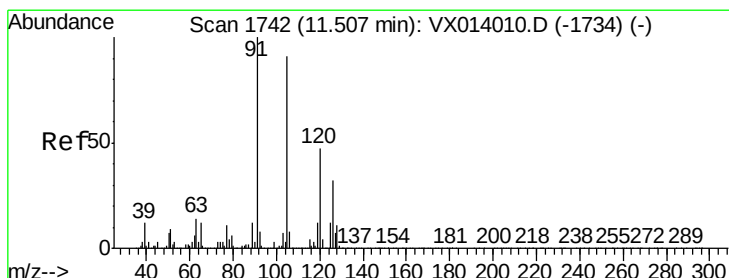
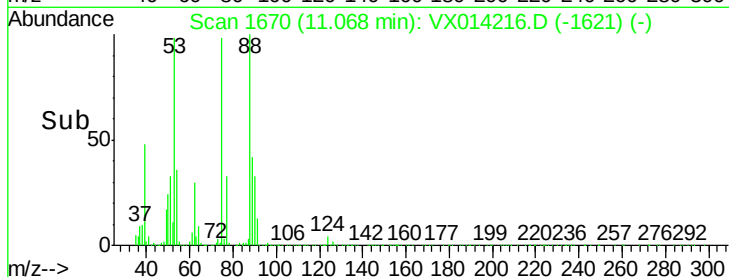
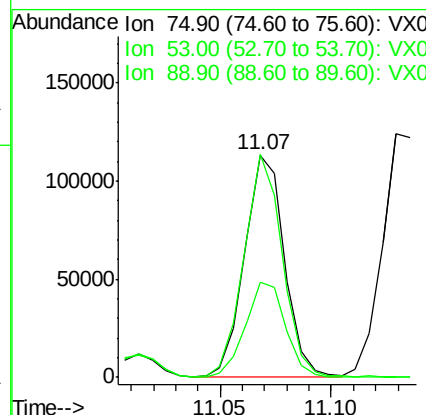
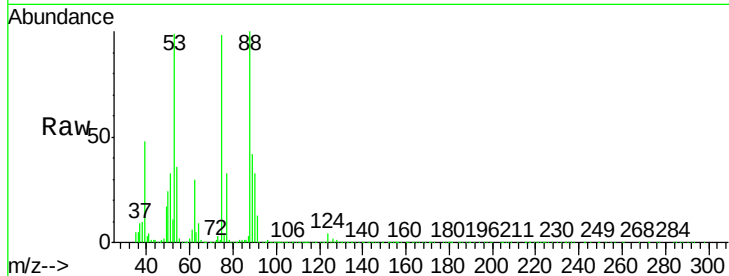




#81
trans-1,4-Dichloro-2-butene
Concen: 49.750 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

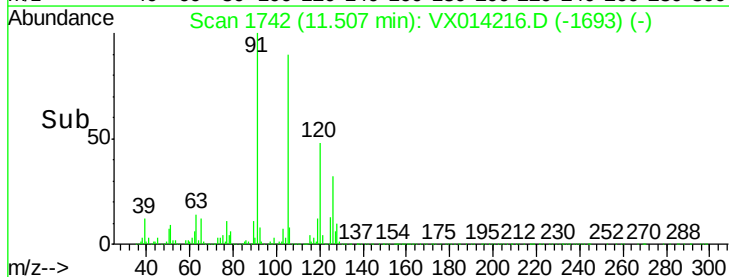
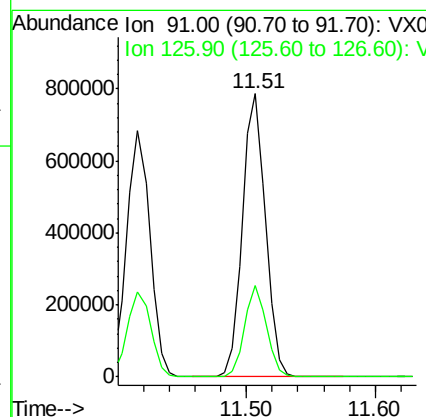
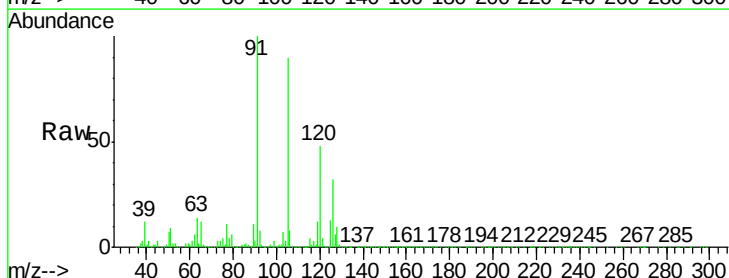
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

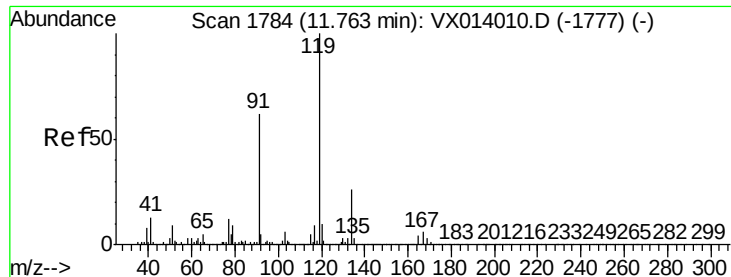
Tgt Ion: 75 Resp: 141314
Ion Ratio Lower Upper
75 100
53 96.0 76.7 115.1
89 43.5 34.6 51.8



#82
4-Chlorotoluene
Concen: 47.487 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion: 91 Resp: 976545
Ion Ratio Lower Upper
91 100
126 30.6 15.6 46.8





#83

tert-Butylbenzene

Concen: 43.061 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

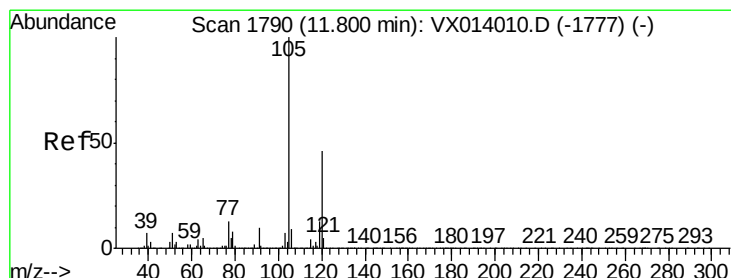
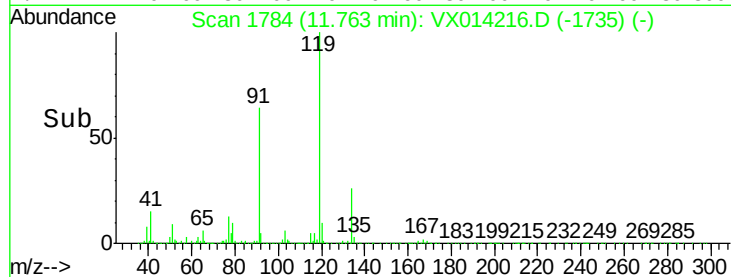
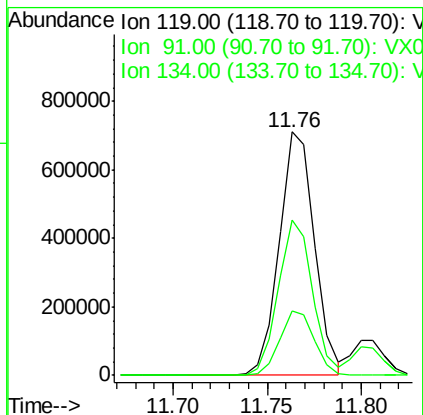
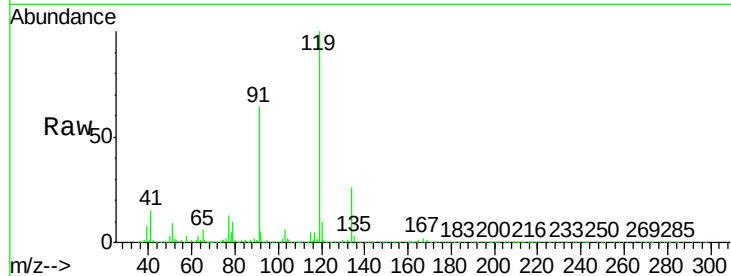
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	119	Resp:	917006
Ion	Ratio	Lower	Upper
119	100		
91	62.4	28.5	85.6
134	26.1	12.2	36.6



#84

1,2,4-Trimethylbenzene

Concen: 48.007 ug/l

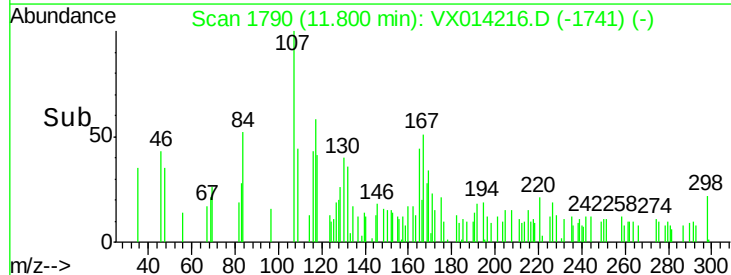
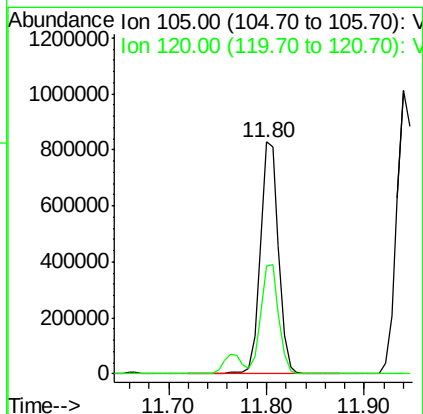
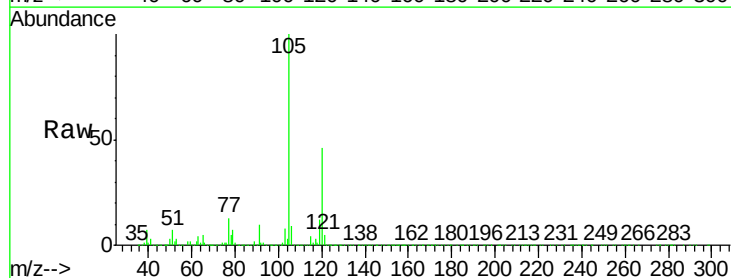
RT: 11.80 min Scan# 1790

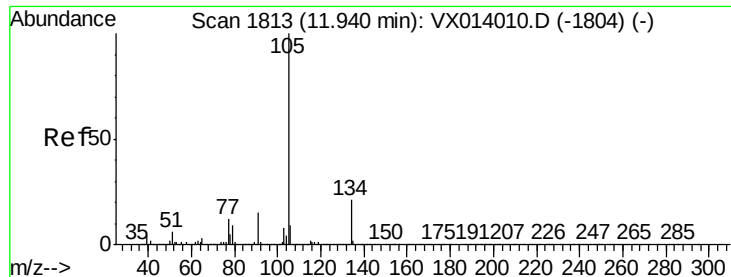
Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Tgt Ion:	105	Resp:	1052051
Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.1	69.2





#85

sec-Butylbenzene

Concen: 48.441 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

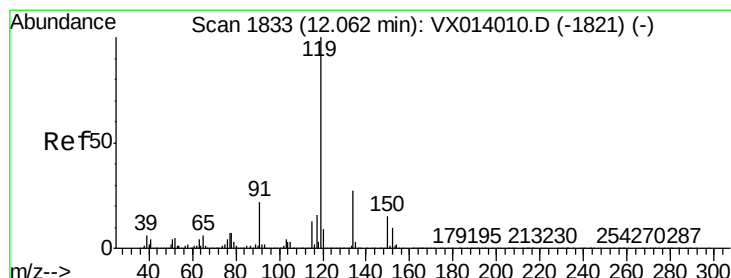
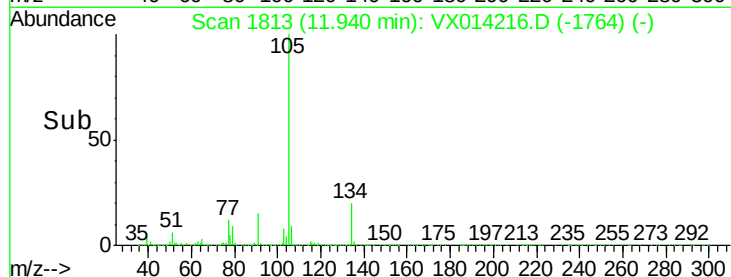
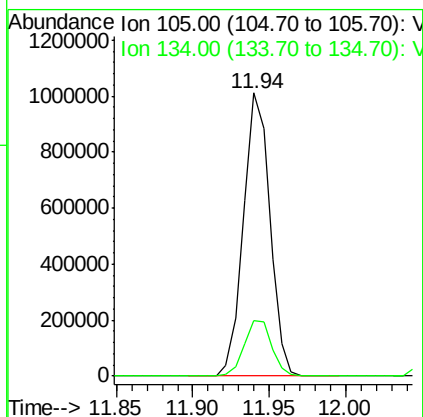
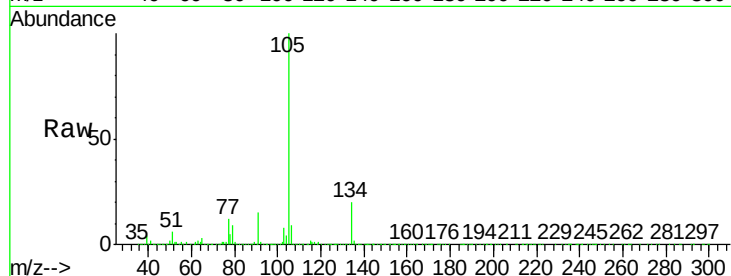
VSTDCCC050EC

Tgt Ion:105 Resp: 1217813

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.1



#86

p-Isopropyltoluene

Concen: 48.921 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014216.D

Acq: 23 Dec 2019 20:39

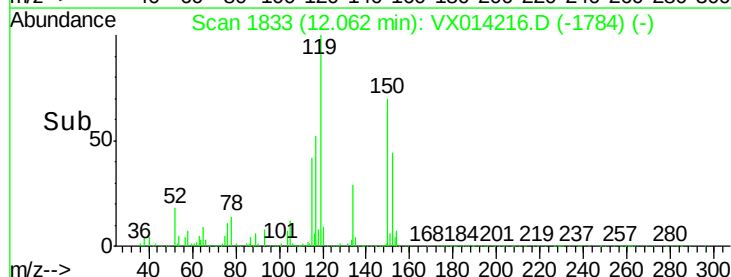
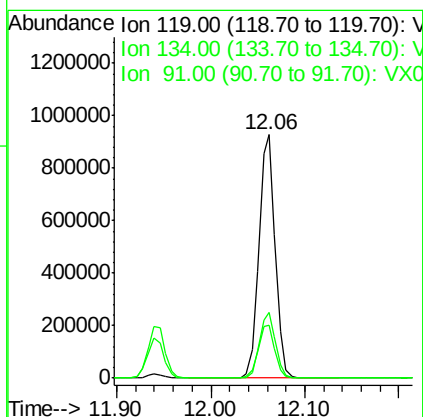
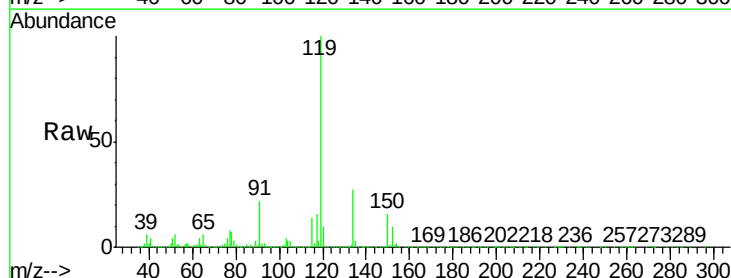
Tgt Ion:119 Resp: 1124995

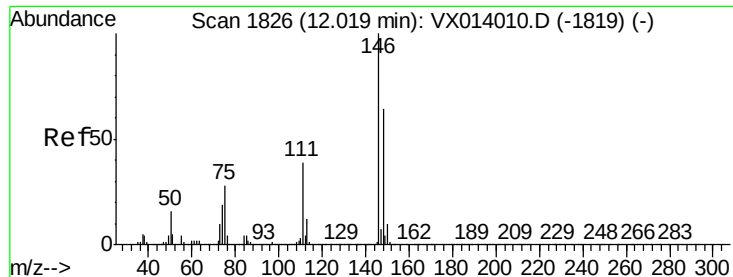
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 22.2 11.4 34.1

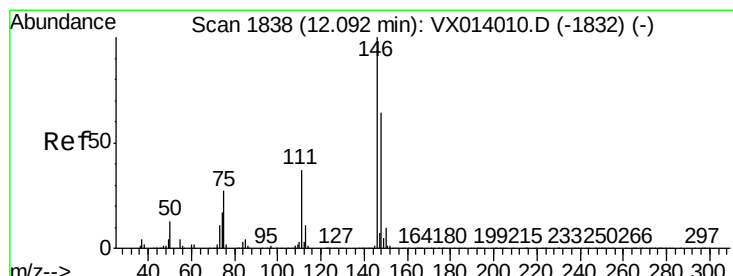
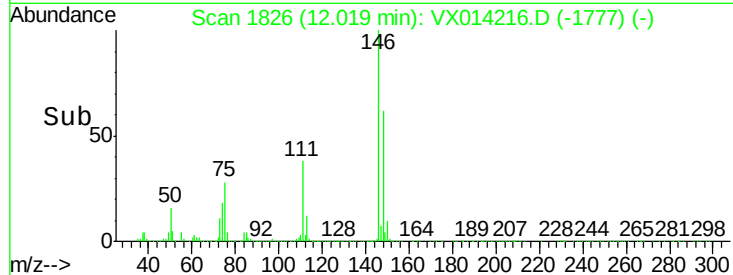
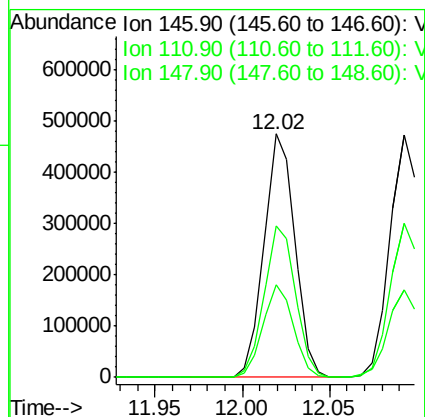
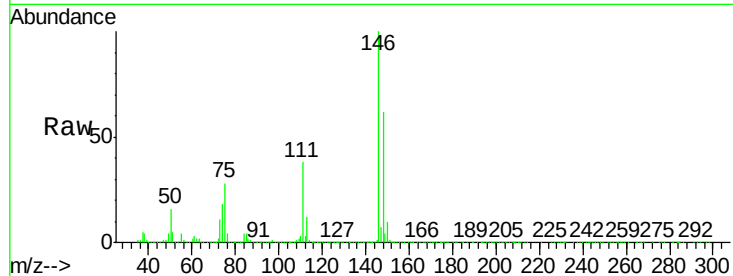




#87
 1,3-Dichlorobenzene
 Concen: 46.563 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014216.D
 Acq: 23 Dec 2019 20:39

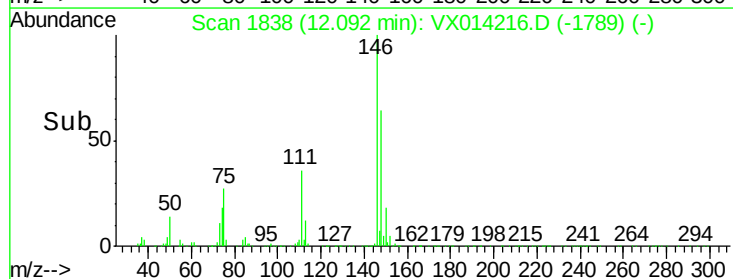
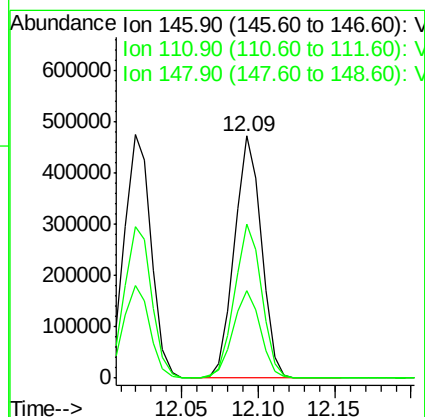
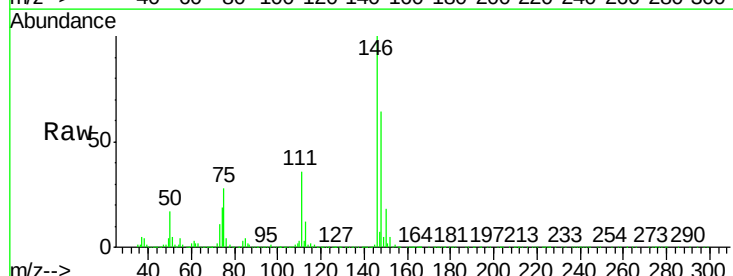
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

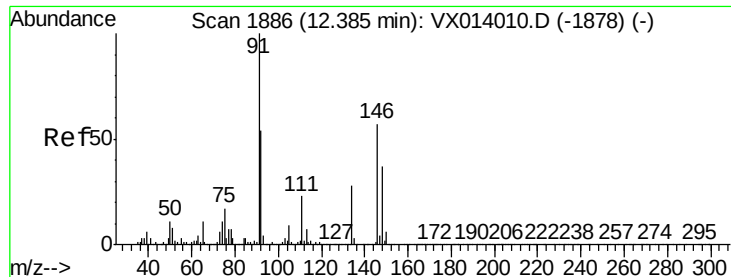
Tgt Ion:146 Resp: 583811
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.1 57.1
 148 63.3 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 45.225 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014216.D
 Acq: 23 Dec 2019 20:39

Tgt Ion:146 Resp: 576555
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.7 56.1
 148 64.2 31.9 95.9

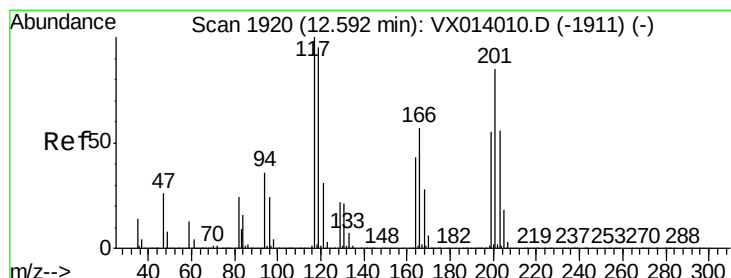
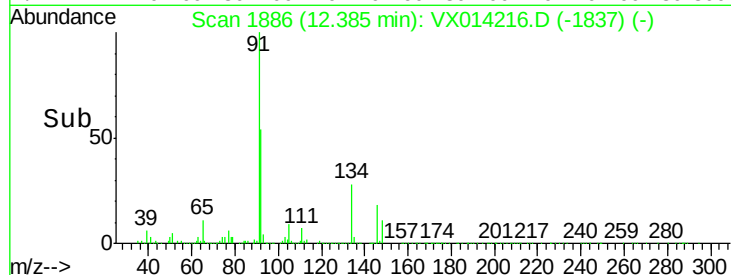
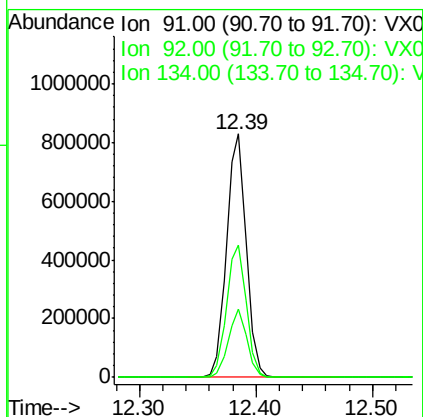
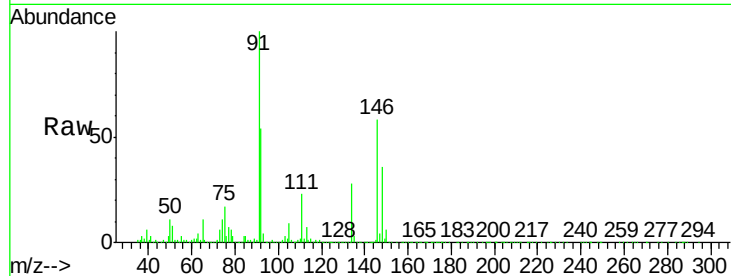




#89
n-Butylbenzene
Concen: 49.109 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

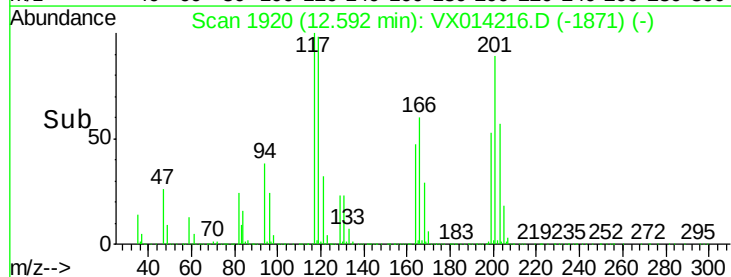
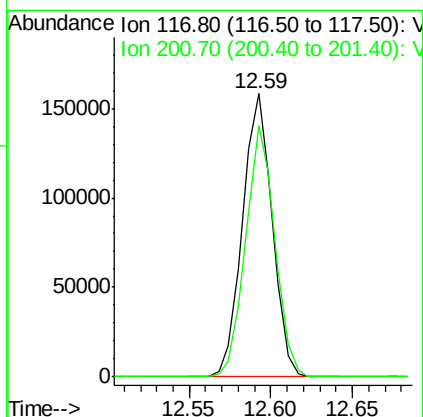
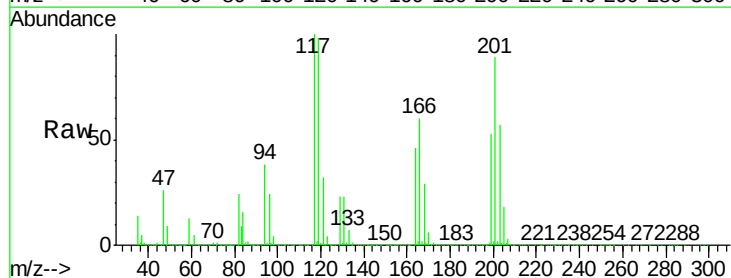
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

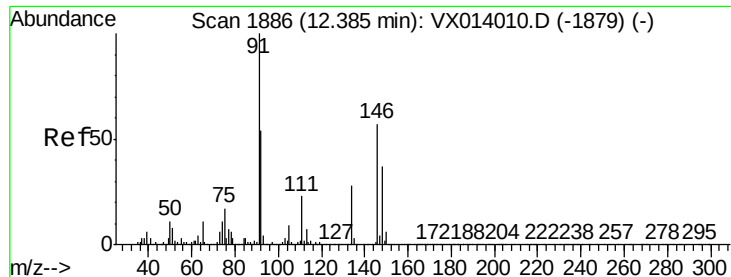
Tgt Ion: 91 Resp: 963612
Ion Ratio Lower Upper
91 100
92 54.6 27.2 81.6
134 26.8 13.4 40.1



#90
Hexachloroethane
Concen: 48.583 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion: 117 Resp: 200675
Ion Ratio Lower Upper
117 100
201 87.4 43.1 129.3

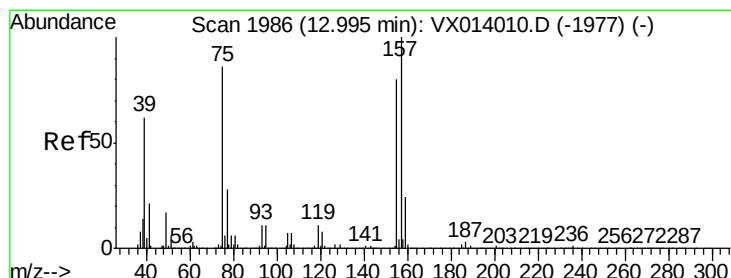
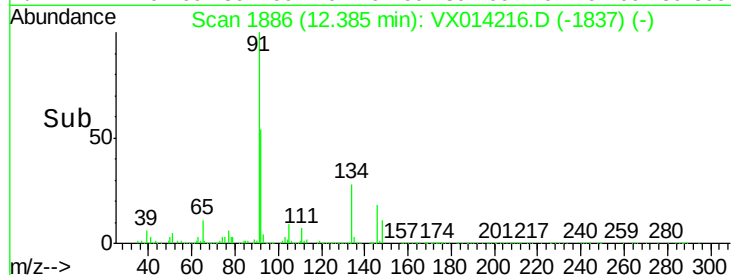
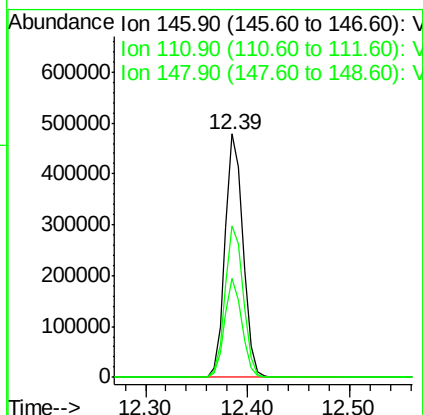
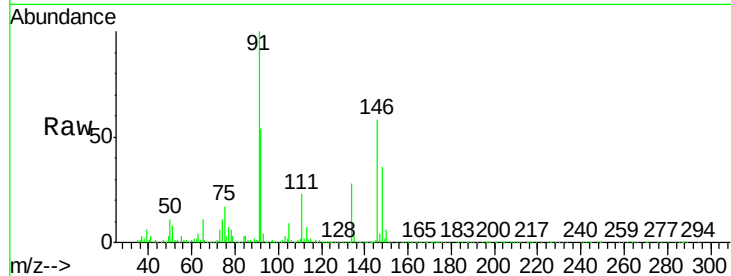




#91
 1,2-Dichlorobenzene
 Concen: 46.197 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014216.D
 Acq: 23 Dec 2019 20:39

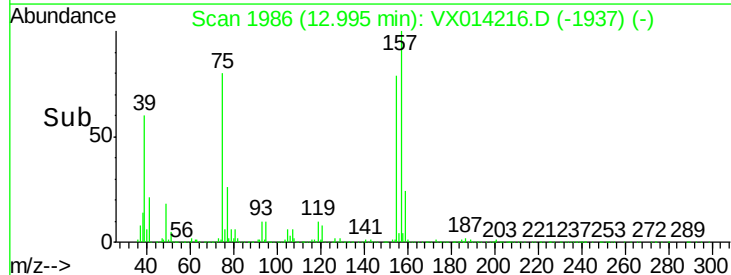
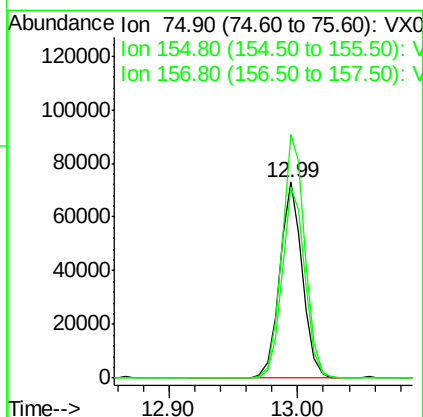
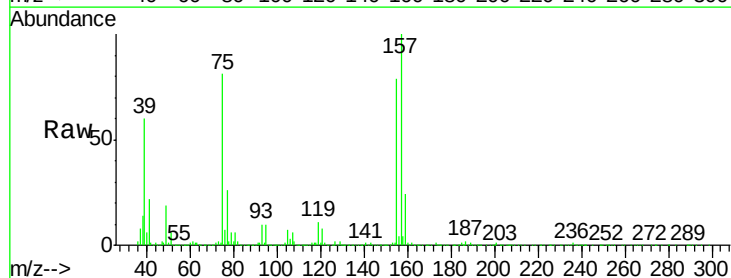
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

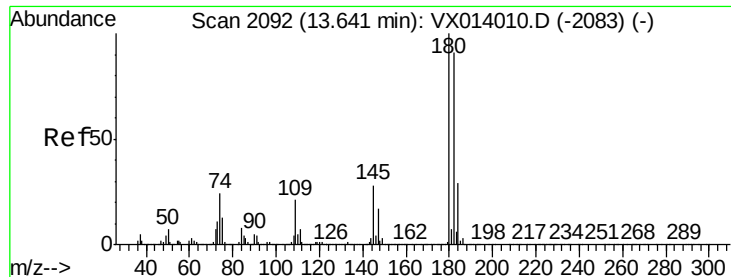
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.7	59.1
148	62.9	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.646 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014216.D
 Acq: 23 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.9	46.9	140.6
157	127.1	60.8	182.4

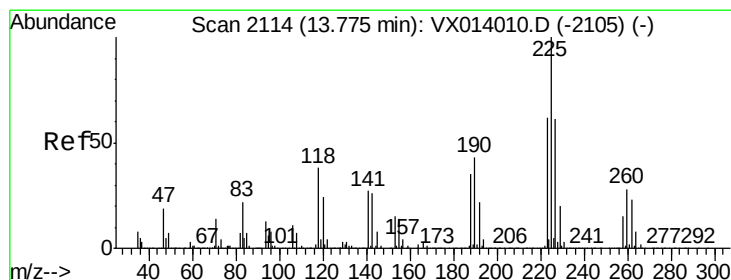
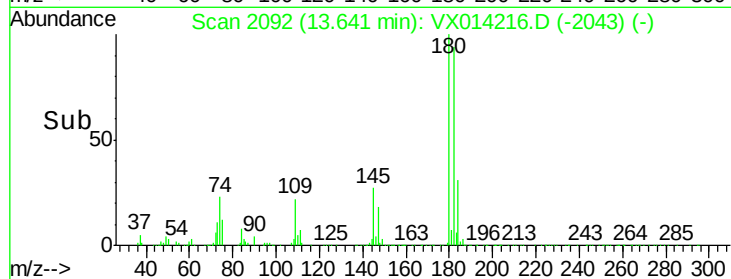
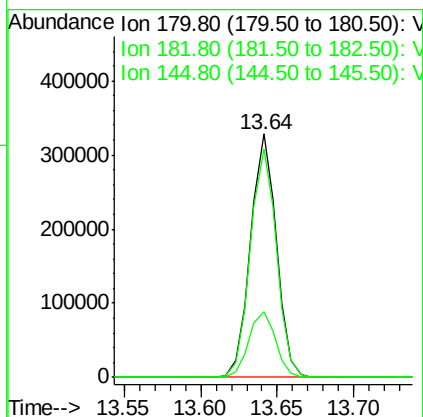
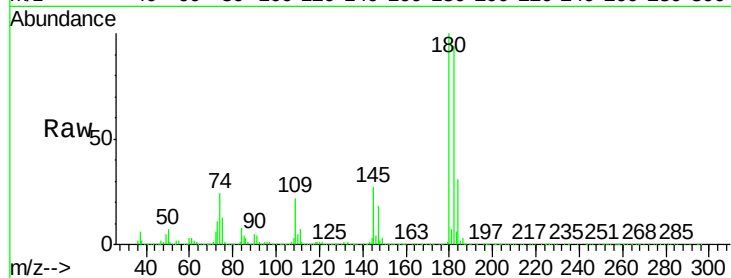




#93
 1,2,4-Trichlorobenzene
 Concen: 47.078 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014216.D
 Acq: 23 Dec 2019 20:39

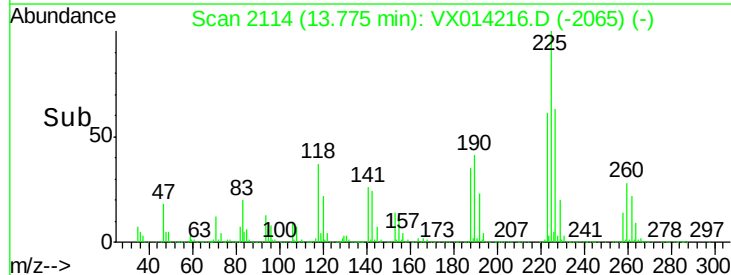
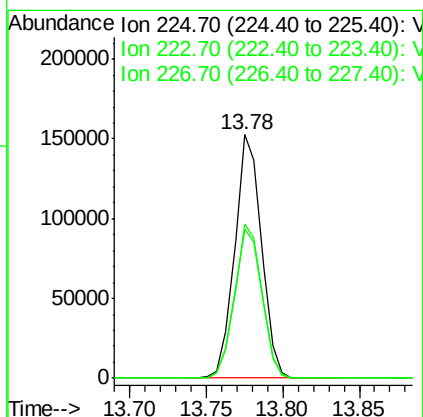
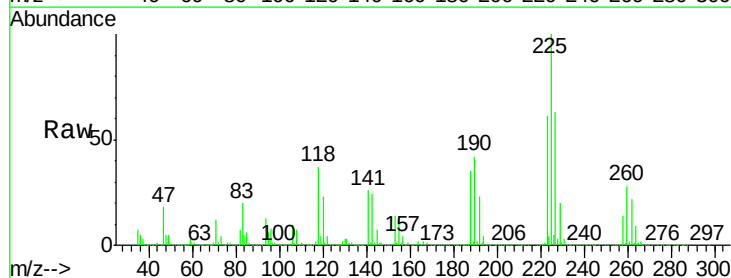
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

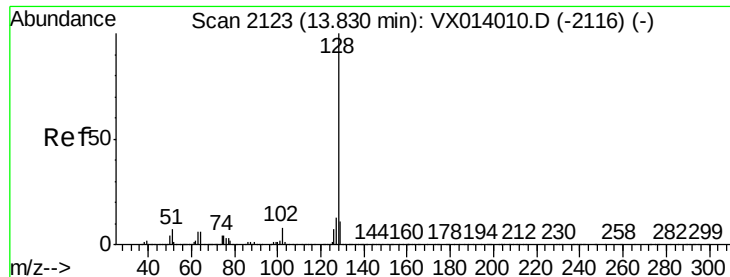
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.6	139.8
145	28.3	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 46.550 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014216.D
 Acq: 23 Dec 2019 20:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	30.9	92.5
227	64.5	30.9	92.7

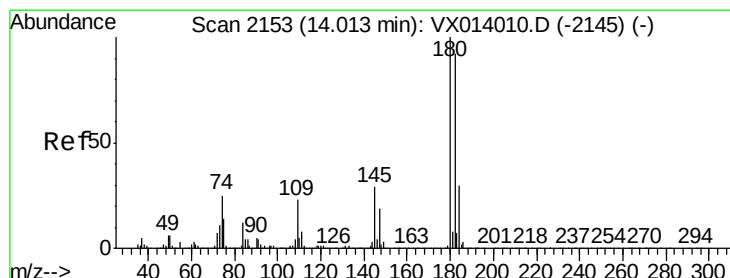
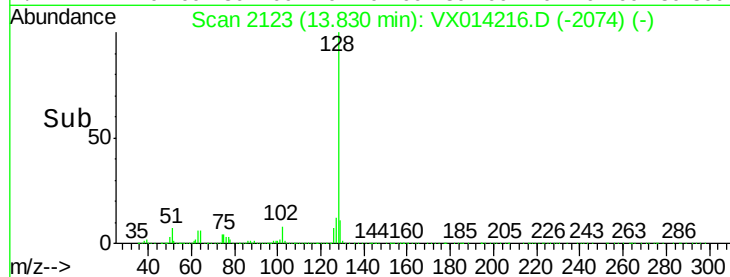
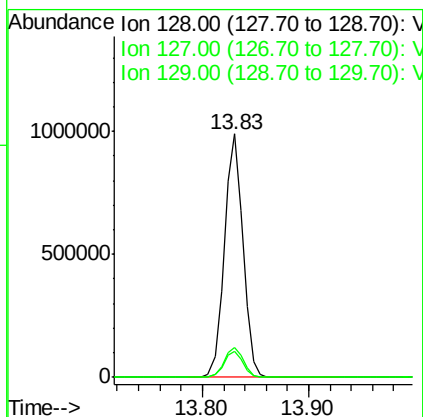
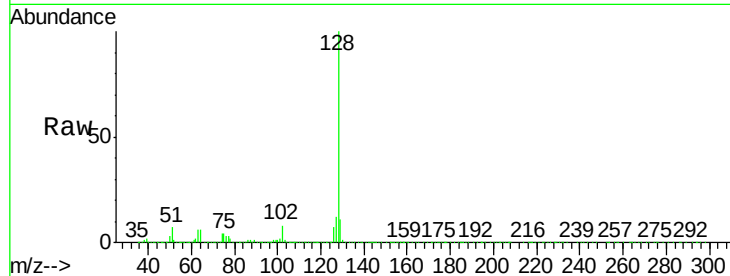




#95
Naphthalene
Concen: 50.001 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1205120
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.083 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014216.D
Acq: 23 Dec 2019 20:39

Tgt Ion:180 Resp: 389372
Ion Ratio Lower Upper
180 100
182 95.4 46.8 140.3
145 30.2 14.8 44.4

