

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120519\
 Data File : VX013784.D
 Acq On : 05 Dec 2019 18:47
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Dec 06 02:21:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	112459	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	625165	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	560898	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	238061	28.67	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.57%
60) 4-Bromofluorobenzene	11.14	95	269310	29.87	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.57%
63) Toluene-d8	8.71	98	750232	29.58	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	144823	17.188	ug/l 98
3) Chloromethane	1.32	50	155245	16.905	ug/l 100
4) Vinyl Chloride	1.40	62	180302	17.279	ug/l 96
5) Bromomethane	1.63	94	92247	14.705	ug/l 98
6) Chloroethane	1.72	64	135856	23.685	ug/l 94
7) Trichlorofluoromethane	1.92	101	198218	17.645	ug/l 97
8) Diethyl Ether	2.18	74	93867	18.300	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	117609	17.401	ug/l 98
10) 1,1-Dichloroethene	2.36	96	118727	17.094	ug/l 98
11) Methyl Iodide	2.50	142	144708	16.874	ug/l 98
12) Methyl Acetate	2.77	43	212529	17.463	ug/l 99
13) Acrolein	2.29	56	31871	24.653	ug/l 100
14) Acrylonitrile	3.13	53	364337	81.409	ug/l 98
15) Acetone	2.43	58	124766	92.048	ug/l 93
16) Carbon Disulfide	2.56	76	330721	17.072	ug/l 99
17) Allyl chloride	2.72	41	214027	16.733	ug/l 99
18) Methylene Chloride	2.85	84	141420	17.946	ug/l 96
19) trans-1,2-Dichloroethene	3.16	96	129351	17.426	ug/l 97
20) Diisopropyl ether	3.84	45	434193	17.645	ug/l 91
21) 1,1-Dichloroethane	3.69	63	236788	17.667	ug/l 100
22) cis-1,2-Dichloroethene	4.59	96	149295	17.641	ug/l 99
23) tert-Butyl Alcohol	3.03	59	156664	72.740	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	414948	18.051	ug/l 99
25) Chloroform	5.20	83	231298	17.631	ug/l 98
26) Cyclohexane	5.58	56	206418	16.959	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	173759	18.197	ug/l 98
30) 2-Butanone	4.65	43	555761	88.179	ug/l 99
31) 2,2-Dichloropropane	4.57	77	185794	17.966	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	195999	18.467	ug/l 99
33) Carbon Tetrachloride	5.78	117	169537	18.391	ug/l 99
34) Benzene	6.14	78	541036	18.680	ug/l 98
35) Methacrylonitrile	5.03	41	114042	18.119	ug/l 98
36) 1,2-Dichloroethane	6.19	62	189621	18.704	ug/l 100
37) Trichloroethene	7.21	130	143594	18.506	ug/l 97
38) Methylcyclohexane	7.46	83	208100	17.774	ug/l 98
39) 1,2-Dichloropropane	7.51	63	137922	18.417	ug/l 99
40) Dibromomethane	7.65	93	90469	18.152	ug/l 94

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	181211	18.626	ug/l	97
42) Vinyl Acetate	3.80	43	1786340	90.023	ug/l	100
43) Ethyl Acetate	4.82	43	201493	17.528	ug/l	99
44) Isopropyl Acetate	6.43	43	326194	17.653	ug/l	98
45) 1,4-Dioxane	7.73	88	65886	322.962	ug/l	97
46) Methyl methacrylate	7.76	41	163360	17.773	ug/l	98
47) n-amyl Acetate	10.89	43	280818	17.326	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	192424	17.638	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	220002	18.404	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	140533	19.055	ug/l	98
51) Ethyl methacrylate	9.17	69	217025	17.873	ug/l	98
52) 1,3-Dichloropropane	9.37	76	236505	18.759	ug/l	99
53) Dibromochloromethane	9.58	129	143344	18.339	ug/l	100
54) 1,2-Dibromoethane	9.67	107	144975	18.384	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	431460	83.159	ug/l	99
56) Bromoform	10.86	173	110296	17.731	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	1029539	87.865	ug/l	99
59) 2-Hexanone	9.48	43	803110	86.625	ug/l	98
61) Tetrachloroethene	9.33	164	131218	18.972	ug/l	92
62) Toluene	8.78	91	577357	18.479	ug/l	99
64) Chlorobenzene	10.14	112	362866	18.575	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	136391	18.652	ug/l	99
66) Ethyl Benzene	10.25	91	630998	18.384	ug/l	98
67) m/p-Xylenes	10.36	106	485469	36.667	ug/l	99
68) o-Xylene	10.70	106	238074	18.632	ug/l	97
69) Styrene	10.71	104	402882	18.465	ug/l	100
70) Isopropylbenzene	11.01	105	626428	18.605	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	218246	18.103	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	237109	23.293	ug/l	83
73) Bromobenzene	11.25	156	164336	18.508	ug/l	98
74) n-propylbenzene	11.35	91	710082	18.558	ug/l	100
75) 2-Chlorotoluene	11.42	91	419003	18.415	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	520680	18.398	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	67628	16.431	ug/l	97
78) 4-Chlorotoluene	11.51	91	478057	18.338	ug/l	99
79) tert-butylbenzene	11.76	119	524692	18.375	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	522556	18.529	ug/l	99
81) sec-Butylbenzene	11.94	105	600570	18.434	ug/l	99
82) p-Isopropyltoluene	12.06	119	554541	18.474	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	288765	18.498	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	286190	18.469	ug/l	99
85) n-Butylbenzene	12.39	91	462362	17.848	ug/l	99
86) Hexachloroethane	12.59	117	97011	17.612	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	286009	18.322	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	47125	17.479	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	197614	18.360	ug/l	98
90) Hexachlorobutadiene	13.78	225	91788	17.797	ug/l	98
91) Naphthalene	13.83	128	631151	18.521	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	204658	18.816	ug/l	100

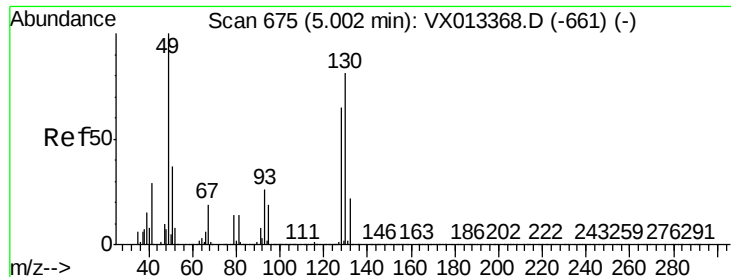
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

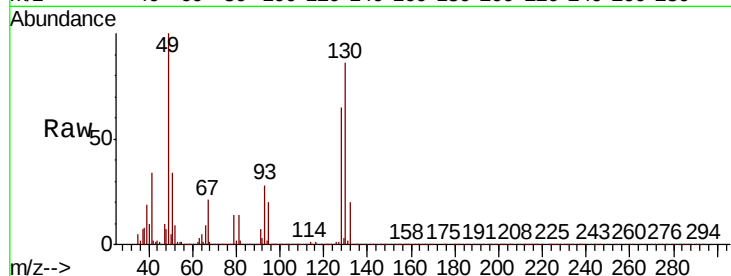
Tot Ion:128 Resp: 112459

Ion Ratio Lower Upper

128 100

49 158.6 0.0 388.3

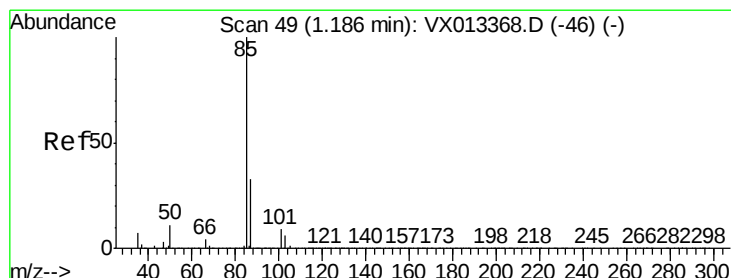
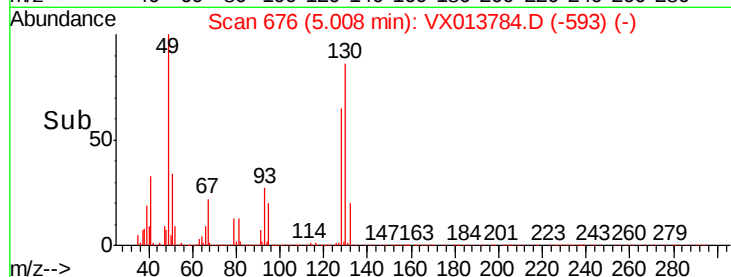
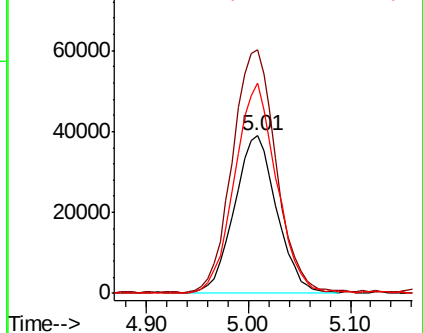
130 131.8 0.0 318.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.188 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013784.D

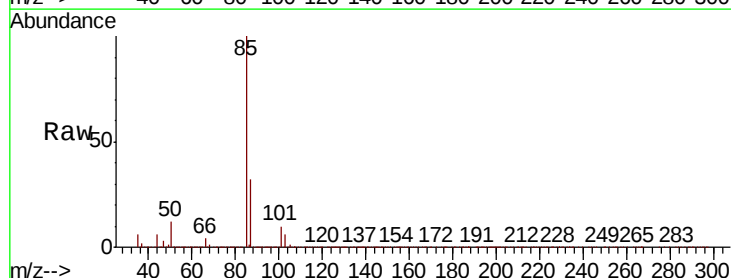
Acq: 05 Dec 2019 18:47

Tgt Ion: 85 Resp: 144823

Ion Ratio Lower Upper

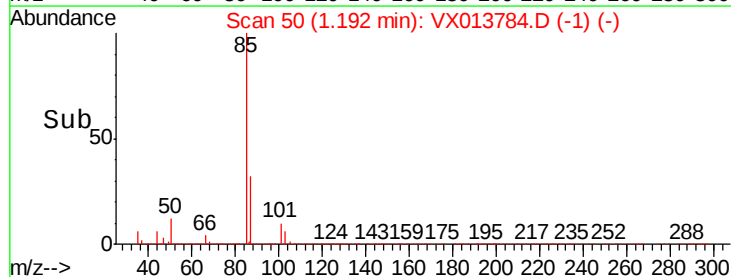
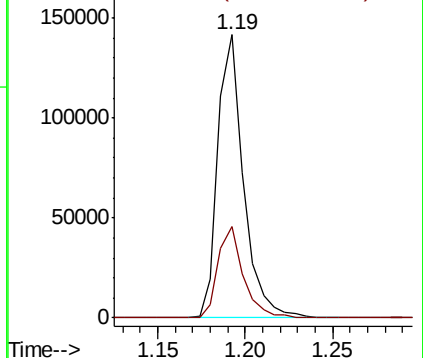
85 100

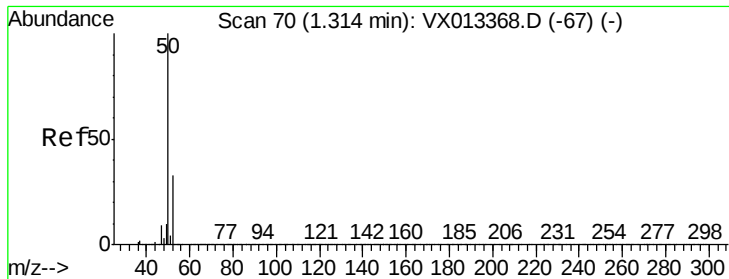
87 32.0 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 16.905 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

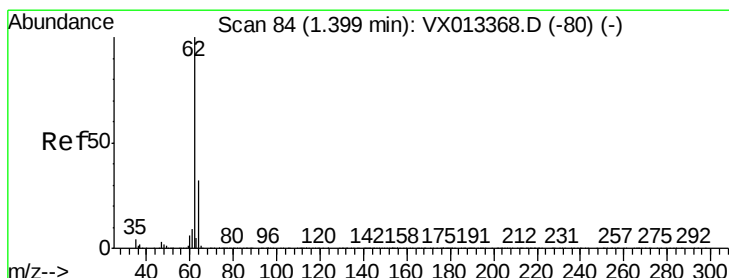
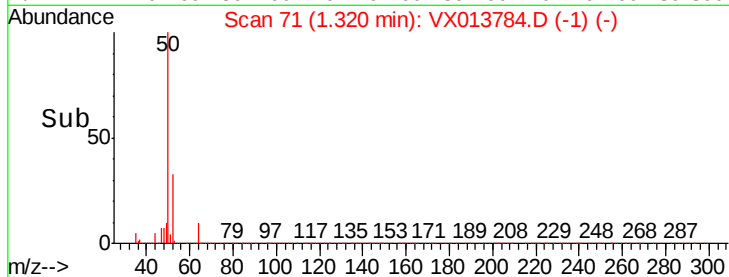
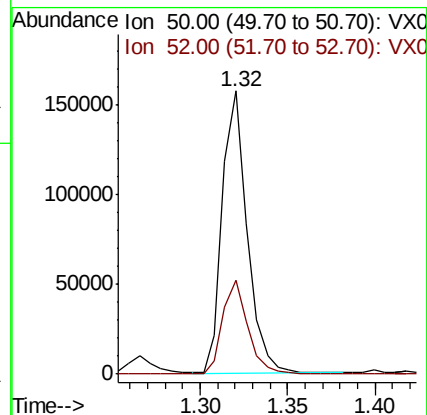
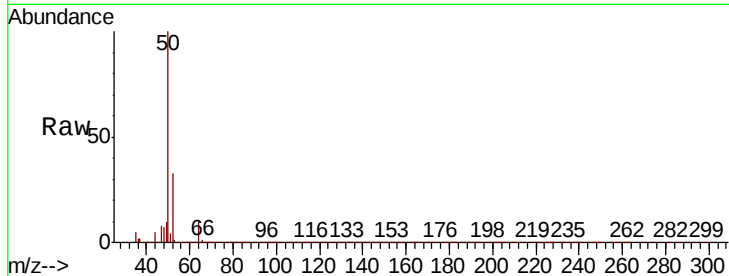
VSTDCCC020EC

Tot Ion: 50 Resp: 155245

Ion Ratio Lower Upper

50 100

52 33.3 26.6 40.0



#4

Vinyl Chloride

Concen: 17.279 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013784.D

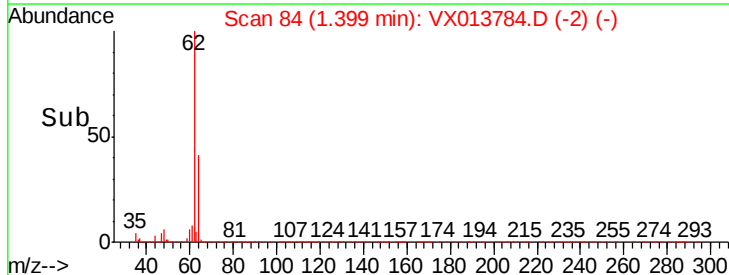
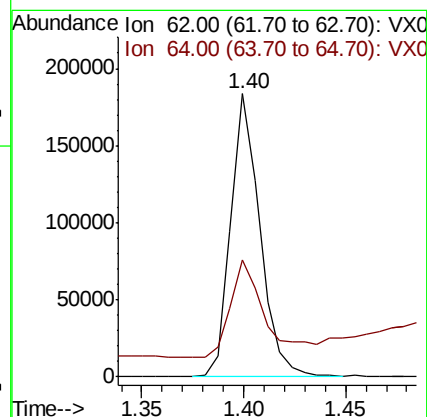
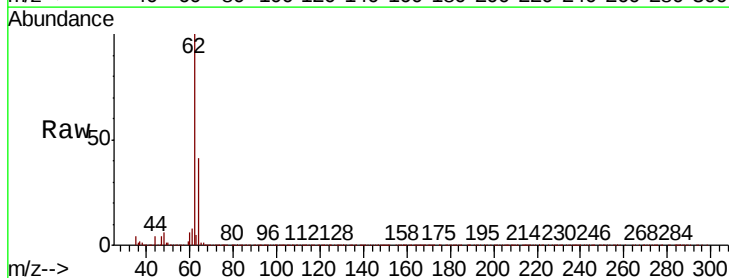
Acq: 05 Dec 2019 18:47

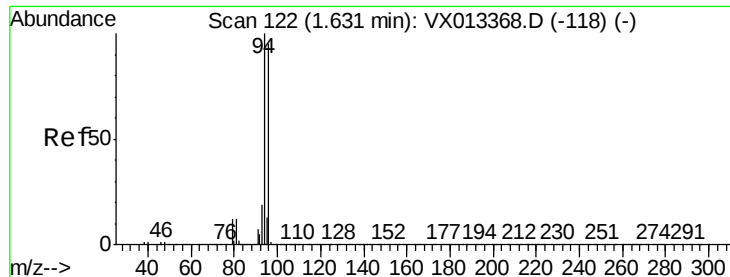
Tgt Ion: 62 Resp: 180302

Ion Ratio Lower Upper

62 100

64 34.3 25.4 38.2





#5

Bromomethane

Concen: 14.705 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

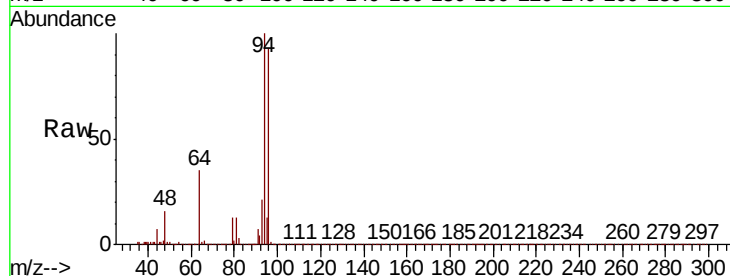
VSTDCCC020EC

Tot Ion: 94 Resp: 92247

Ion Ratio Lower Upper

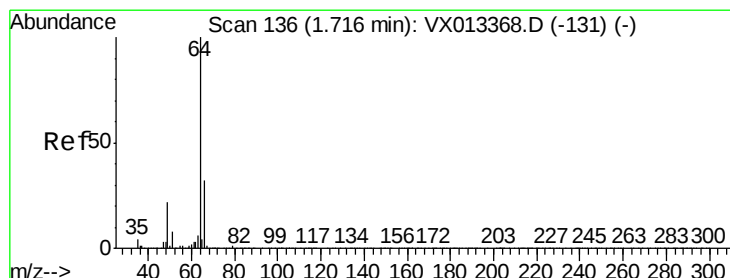
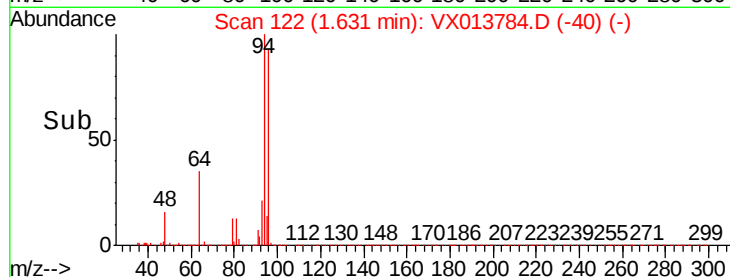
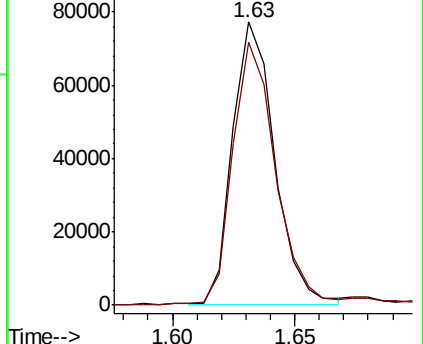
94 100

96 93.0 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 23.685 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX013784.D

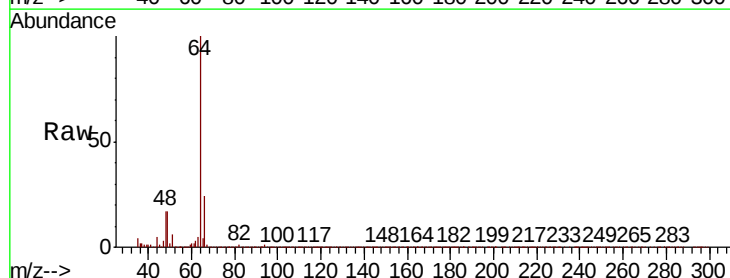
Acq: 05 Dec 2019 18:47

Tgt Ion: 64 Resp: 135856

Ion Ratio Lower Upper

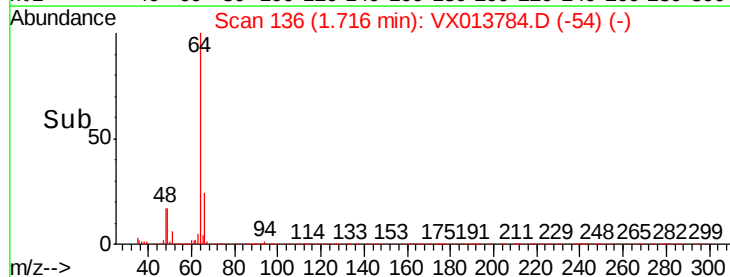
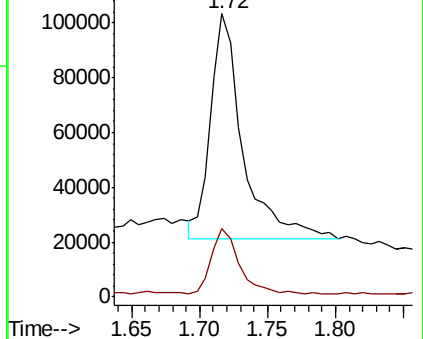
64 100

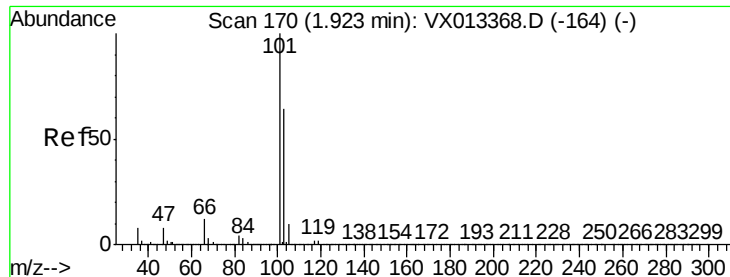
66 28.8 25.5 38.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



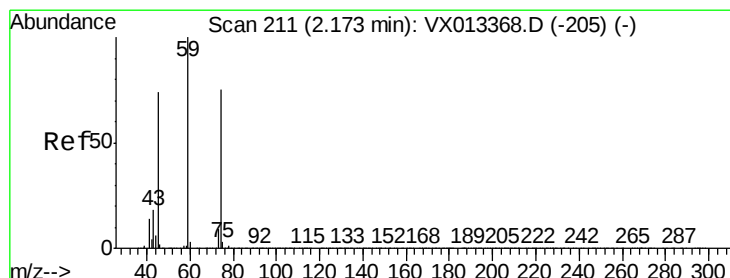
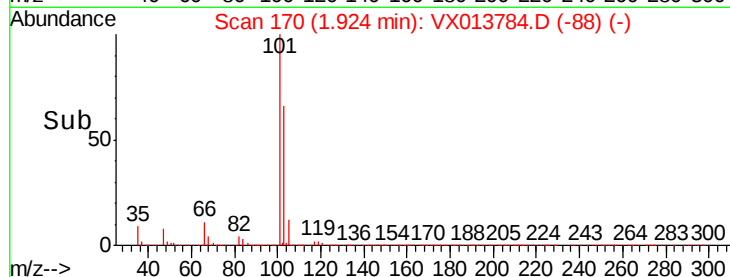
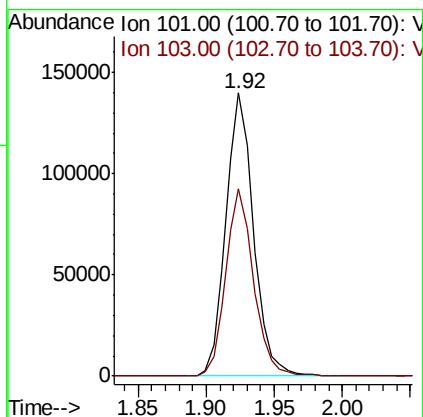
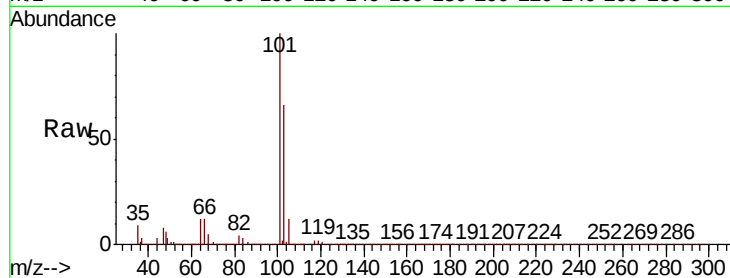


#7

Trichlorofluoromethane
Concen: 17.645 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

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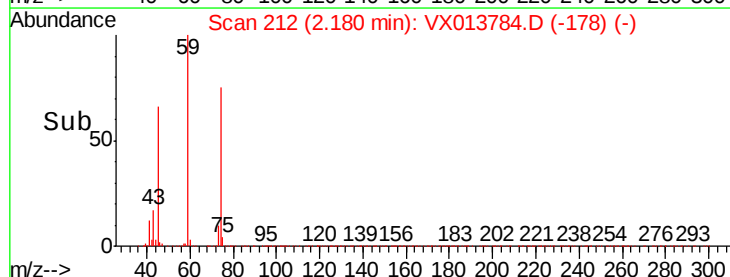
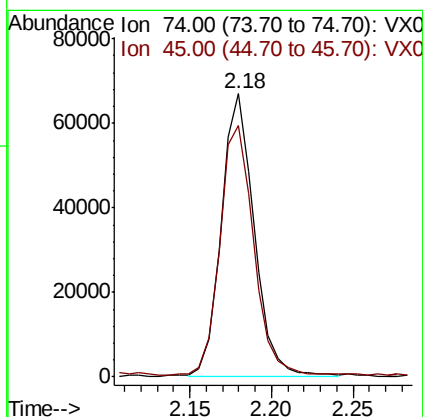
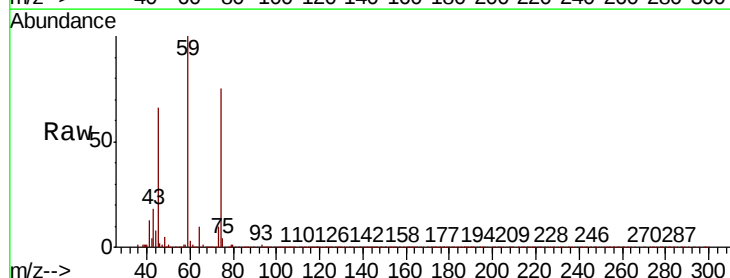
Tot Ion:101 Resp: 198218
Ion Ratio Lower Upper
101 100
103 66.0 51.2 76.8

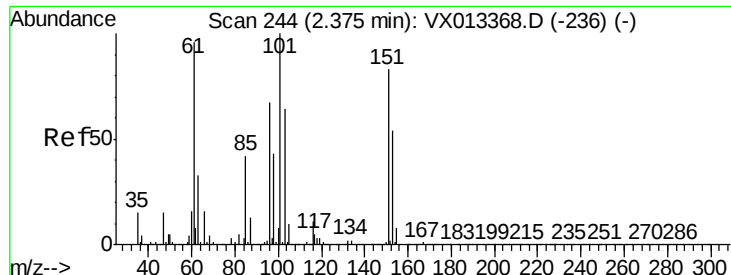


#8

Diethyl Ether
Concen: 18.300 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion: 74 Resp: 93867
Ion Ratio Lower Upper
74 100
45 90.6 19.5 175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.401 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

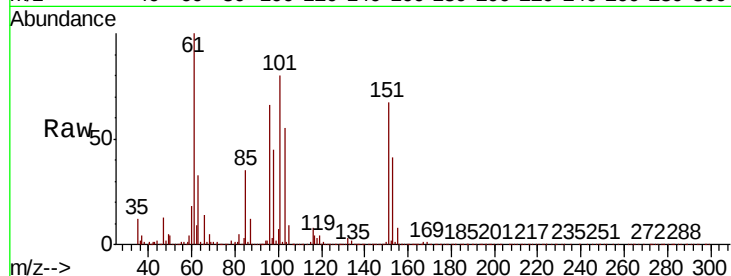
Tot Ion:101 Resp: 117609

Ion Ratio Lower Upper

101 100

85 41.9 0.0 83.2

151 83.8 0.0 163.8

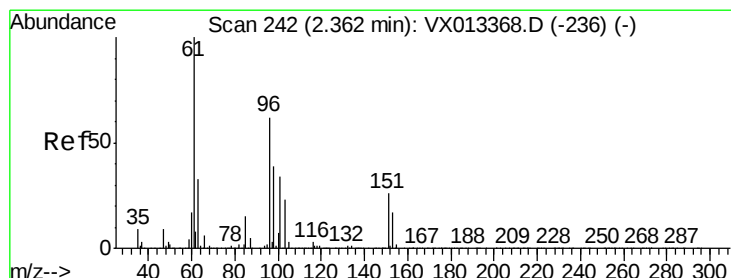
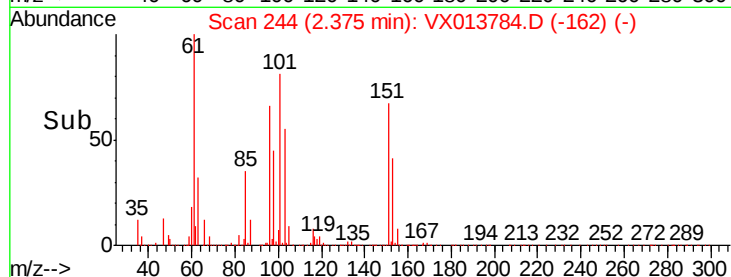
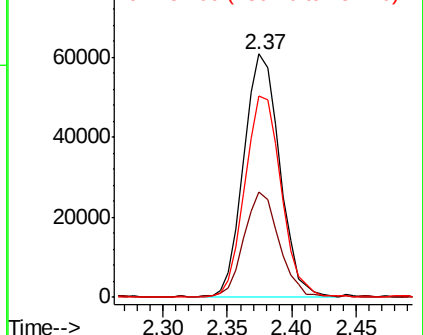


Abundance

Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 17.094 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

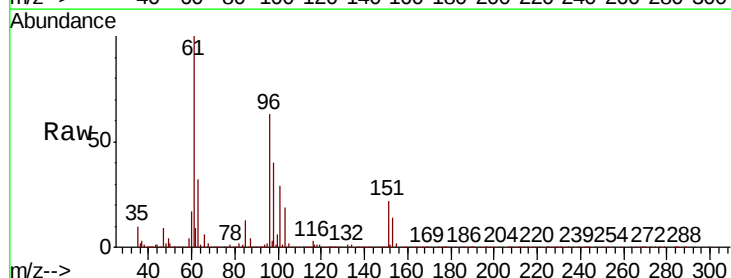
Tgt Ion: 96 Resp: 118727

Ion Ratio Lower Upper

96 100

61 158.4 128.9 193.3

98 63.0 49.7 74.5

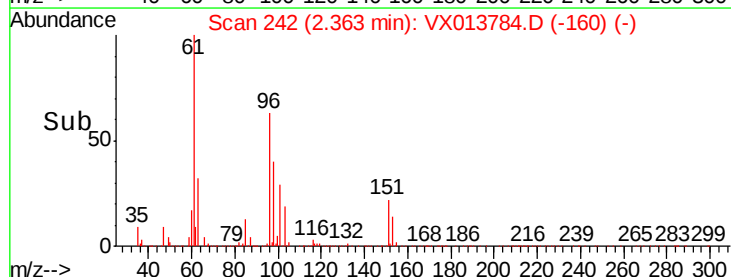
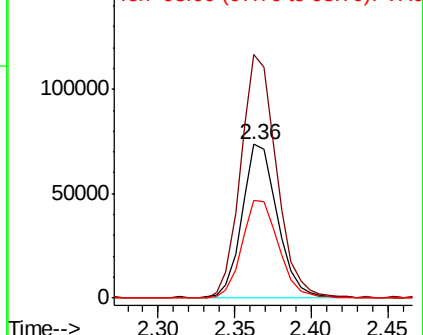


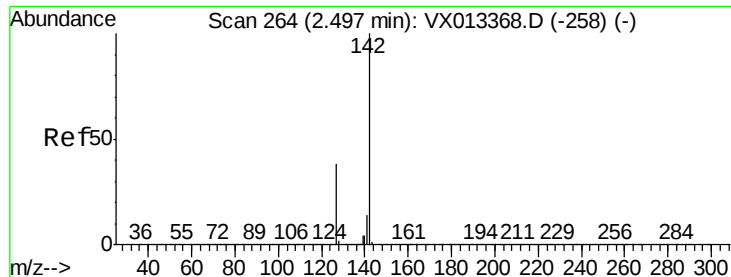
Abundance

Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

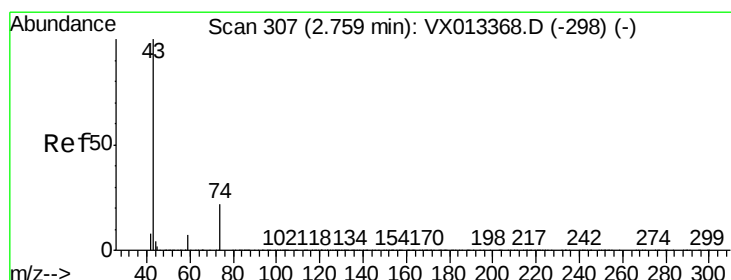
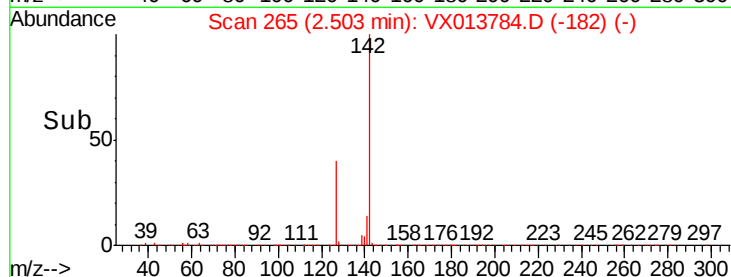
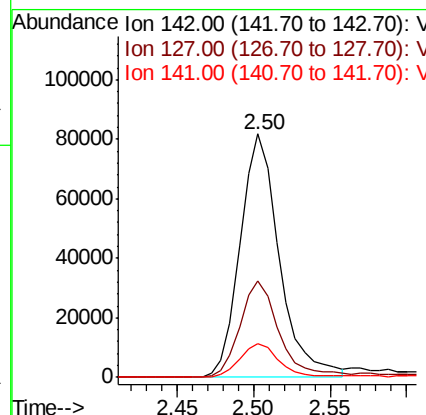
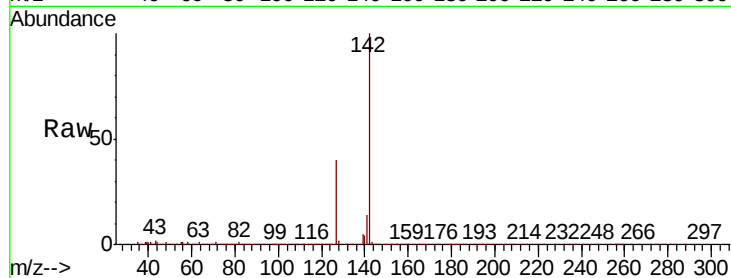




#11
Methvl Iodide
Concen: 16.874 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

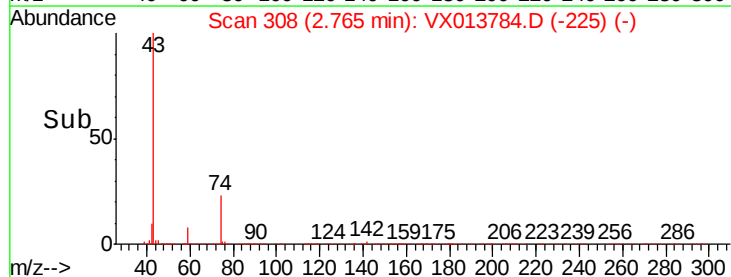
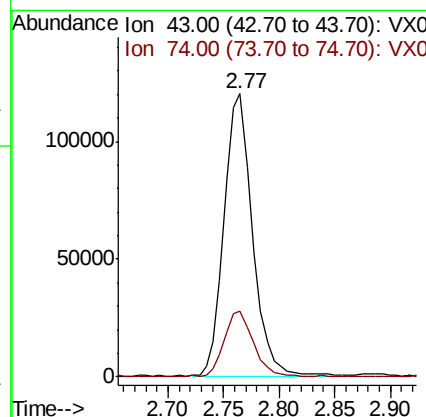
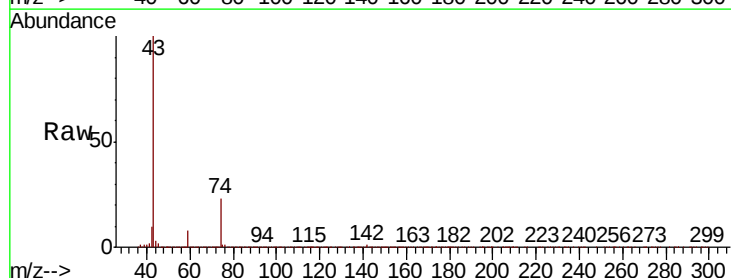
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

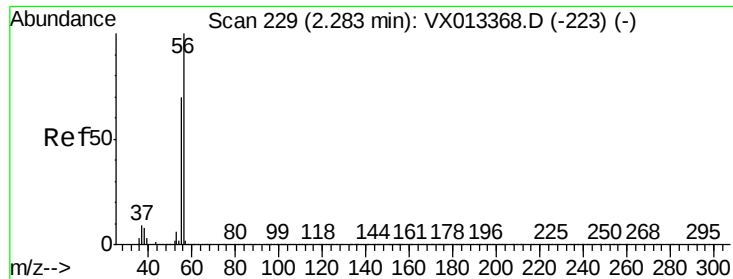
Tot Ion:142 Resp: 144708
Ion Ratio Lower Upper
142 100
127 39.5 19.1 57.5
141 13.5 7.0 21.0



#12
Methyl Acetate
Concen: 17.463 ug/l
RT: 2.77 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion: 43 Resp: 212529
Ion Ratio Lower Upper
43 100
74 23.2 18.0 27.0

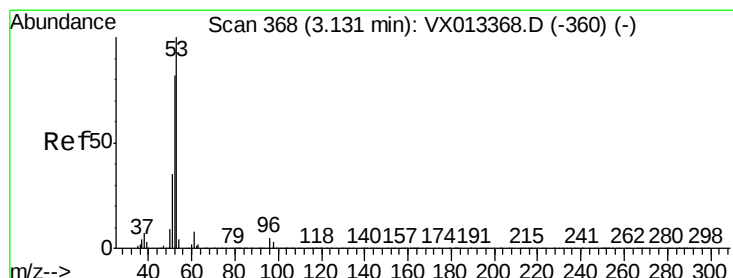
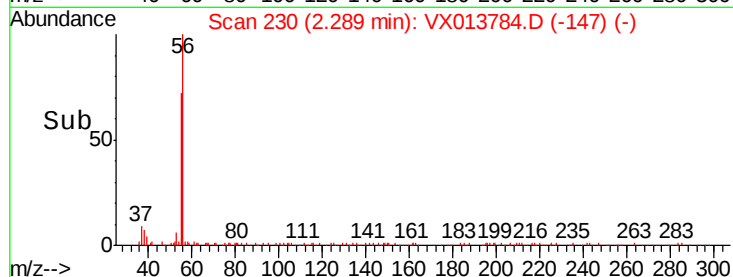
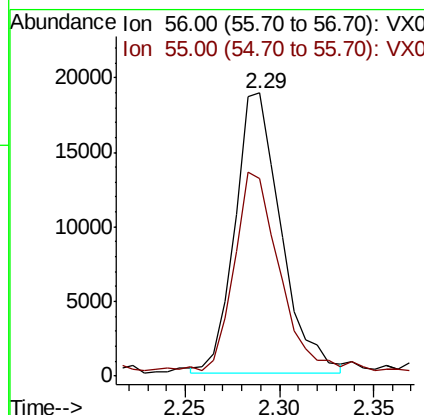
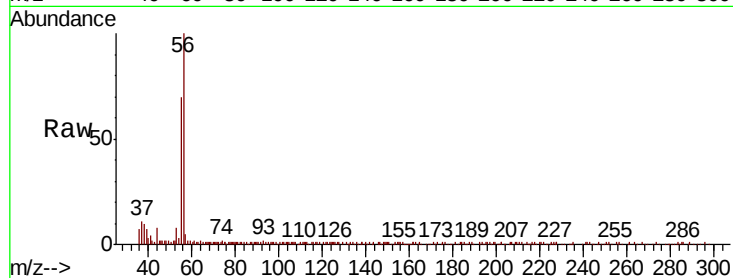




#13
Acrolein
Concen: 24.653 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

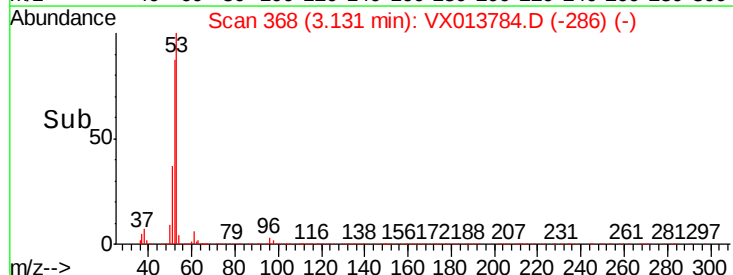
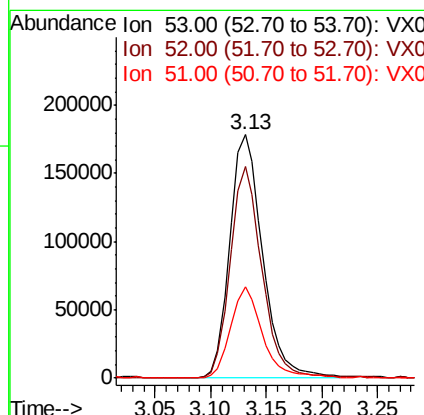
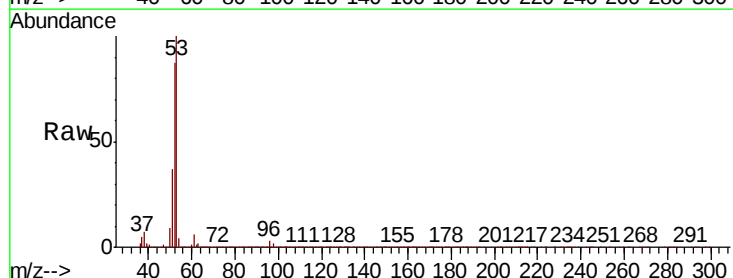
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

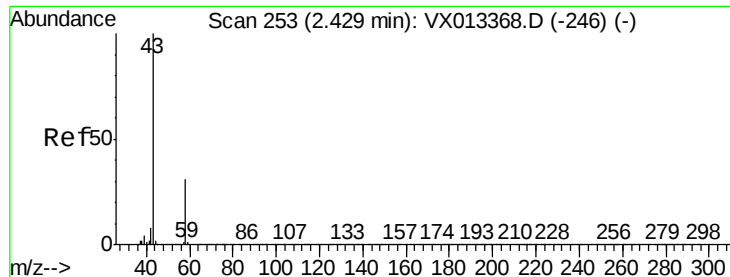
Tot Ion: 56 Resp: 31871
Ion Ratio Lower Upper
56 100
55 69.6 55.8 83.8



#14
Acrylonitrile
Concen: 81.409 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion: 53 Resp: 364337
Ion Ratio Lower Upper
53 100
52 83.7 41.0 123.0
51 36.3 17.3 51.9





#15

Acetone

Concen: 92.048 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

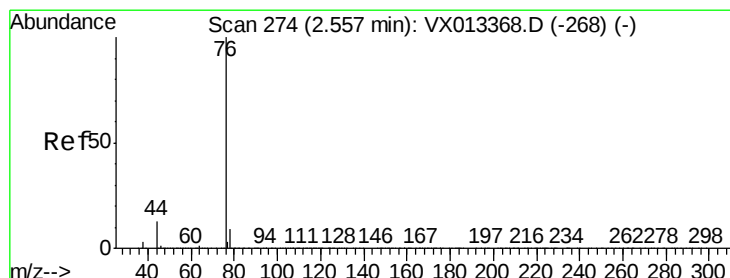
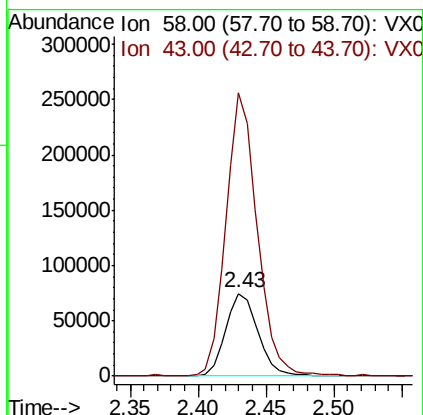
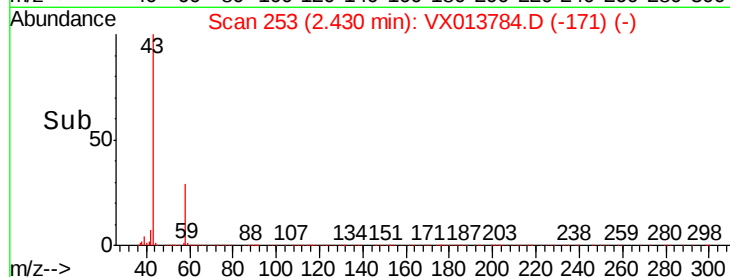
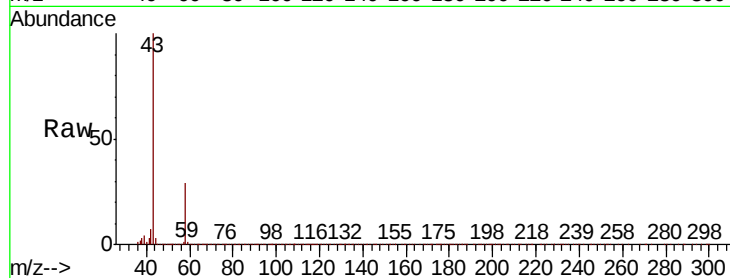
VSTDCCC020EC

Tot Ion: 58 Resp: 124766

Ion Ratio Lower Upper

58 100

43 341.9 261.4 392.2



#16

Carbon Disulfide

Concen: 17.072 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013784.D

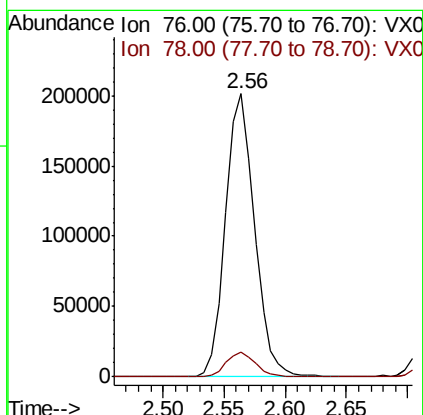
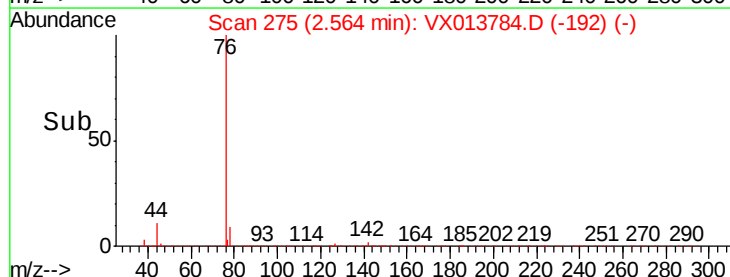
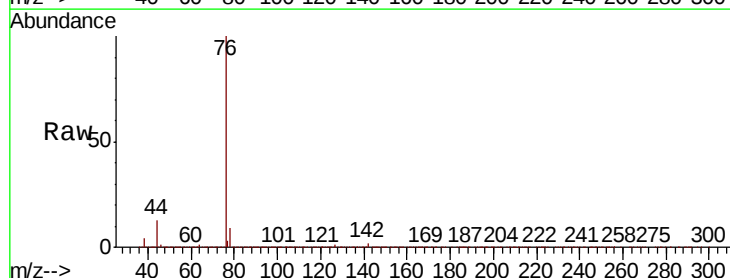
Acq: 05 Dec 2019 18:47

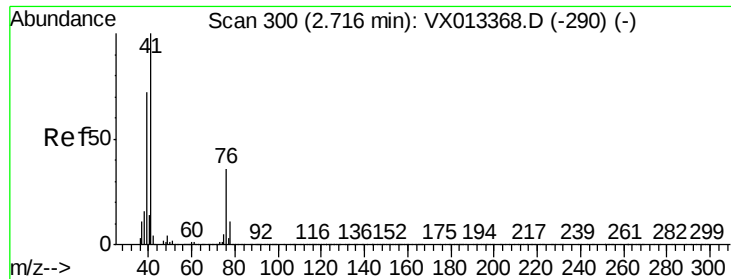
Tgt Ion: 76 Resp: 330721

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

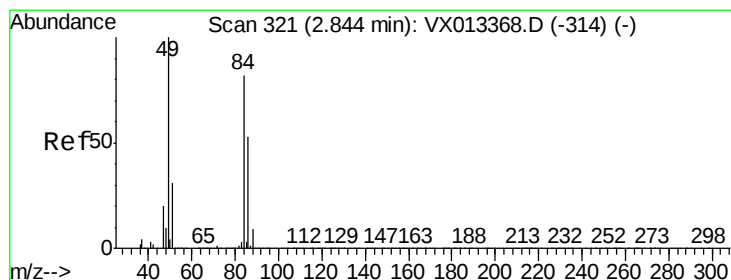
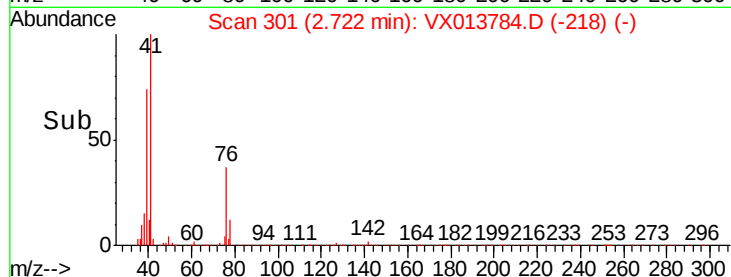
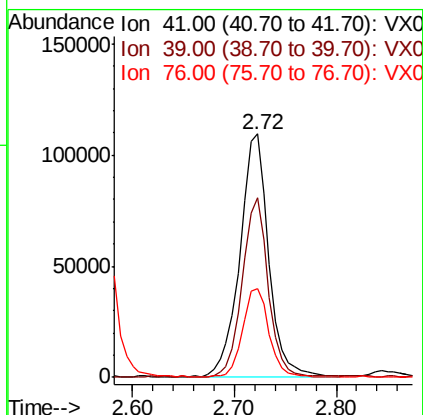
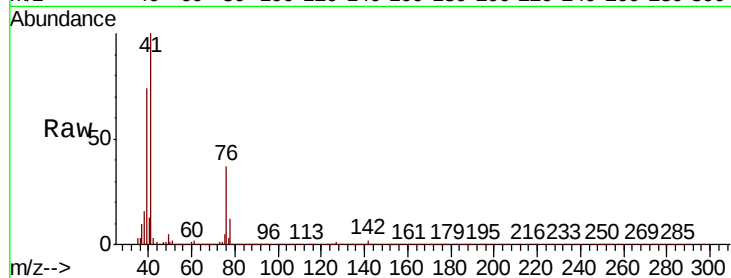




#17
Allvl chloride
Concen: 16.733 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

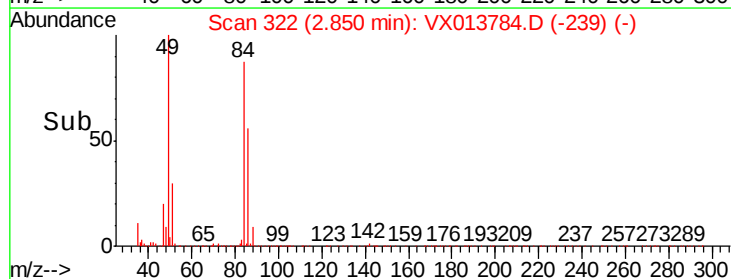
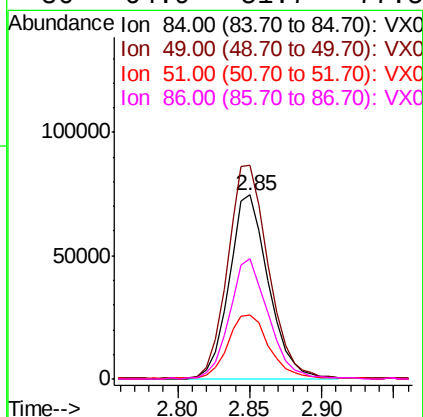
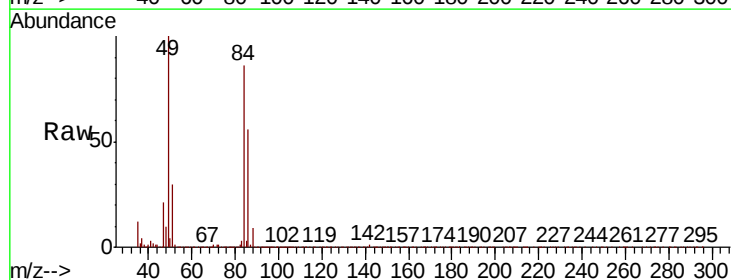
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

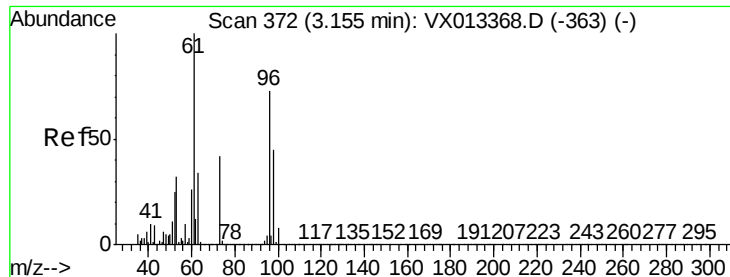
Tot Ion	Ratio	Lower	Upper
41	100		
39	73.5	36.1	108.3
76	36.4	18.1	54.4



#18
Methylene Chloride
Concen: 17.946 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.7	96.8	145.2
51	34.6	30.0	45.0
86	64.9	51.7	77.5

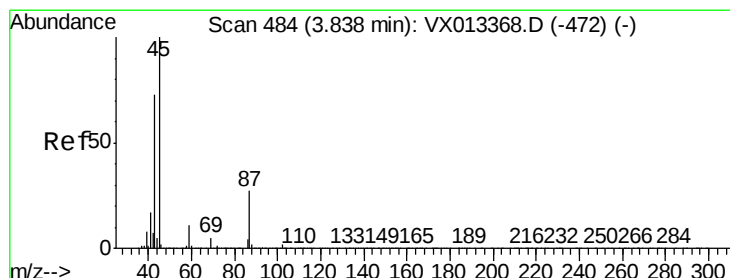
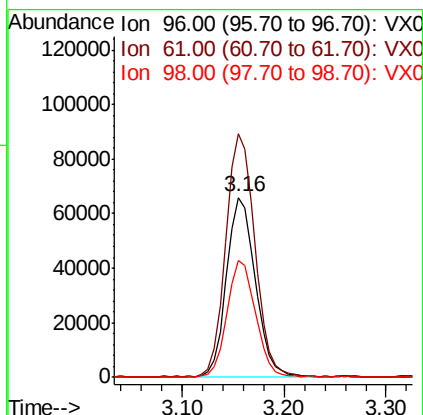
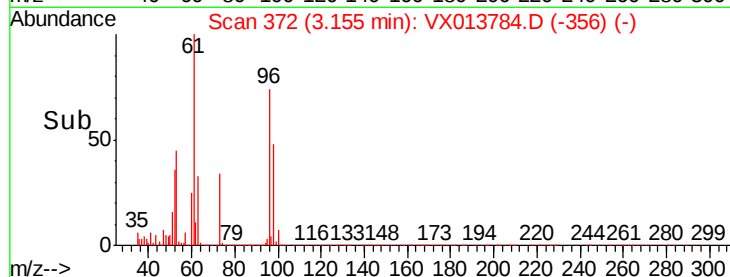
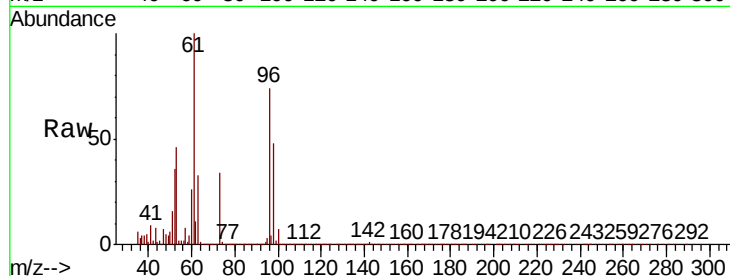




#19
trans-1,2-Dichloroethene
Concen: 17.426 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

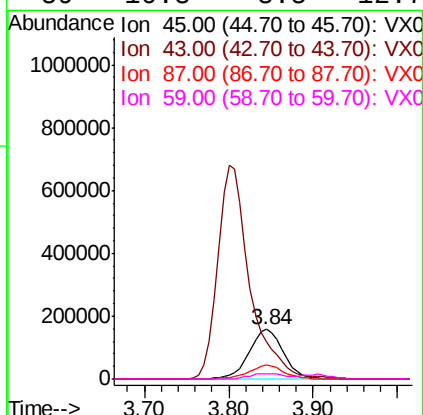
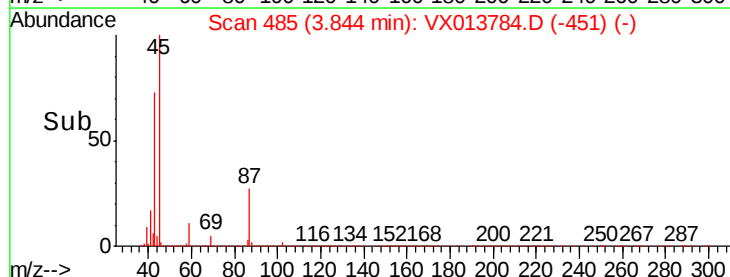
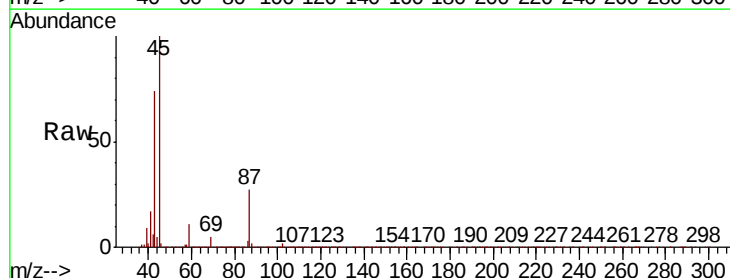
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

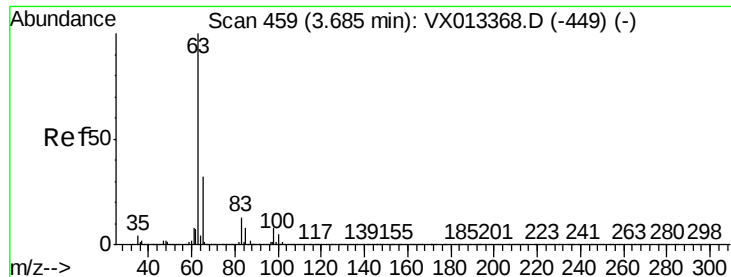
Tot Ion: 96 Resp: 129351
Ion Ratio Lower Upper
96 100
61 134.7 109.9 164.9
98 64.5 49.7 74.5



#20
Diisopropyl ether
Concen: 17.645 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion: 45 Resp: 434193
Ion Ratio Lower Upper
45 100
43 73.3 67.7 101.5
87 27.0 21.5 32.3
59 10.8 8.5 12.7





#21

1,1-Dichloroethane

Concen: 17.667 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

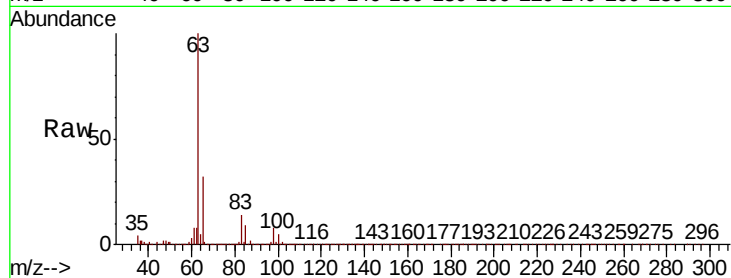
Tot Ion: 63 Resp: 236788

Ion Ratio Lower Upper

63 100

98 7.8 4.0 11.9

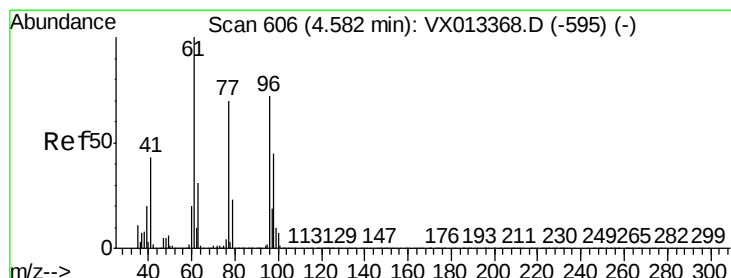
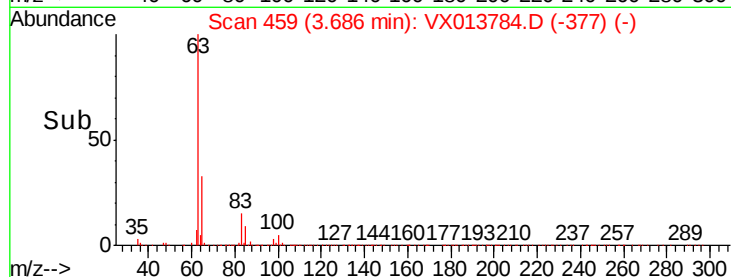
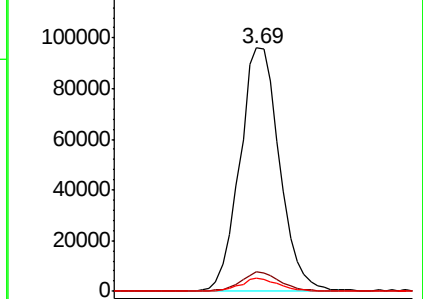
100 5.2 2.5 7.5



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 17.641 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

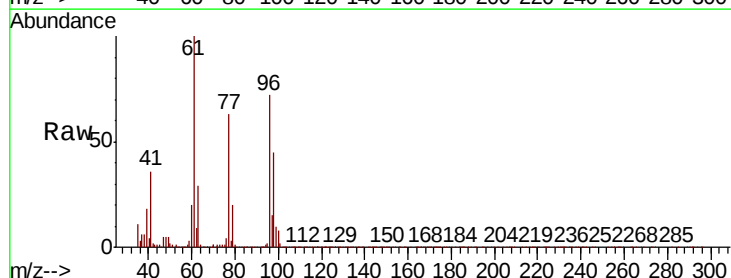
Tgt Ion: 96 Resp: 149295

Ion Ratio Lower Upper

96 100

61 144.6 117.0 175.6

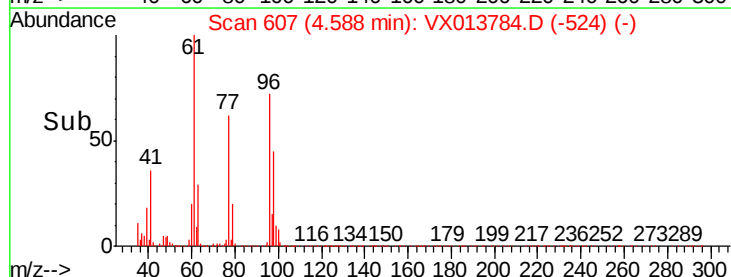
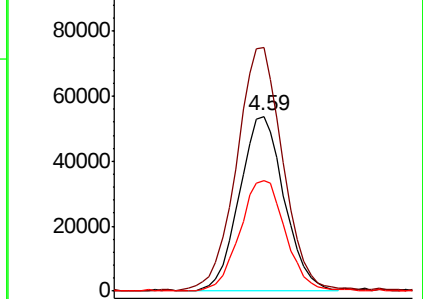
98 64.3 51.1 76.7

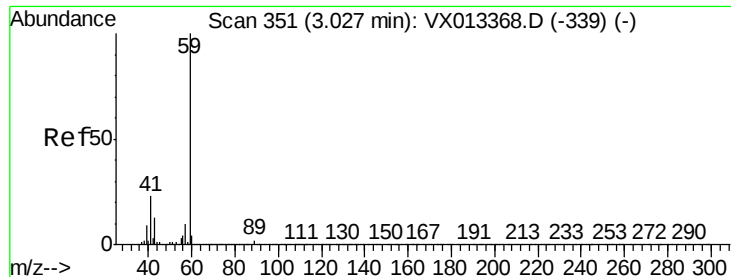


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



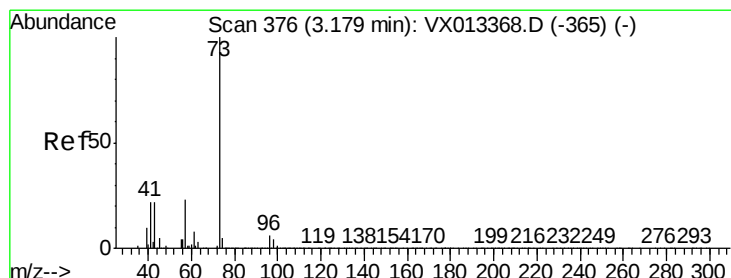
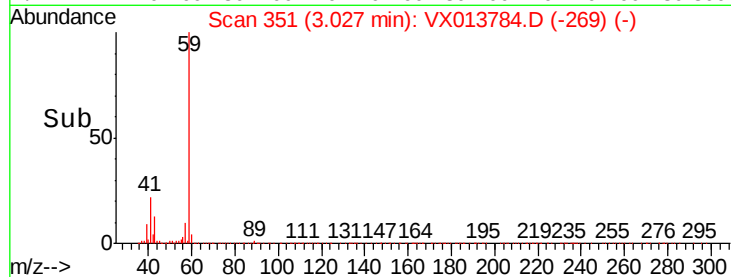
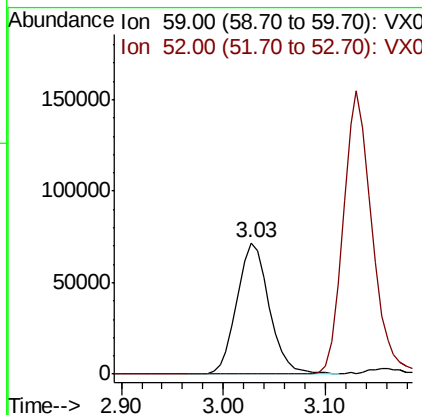
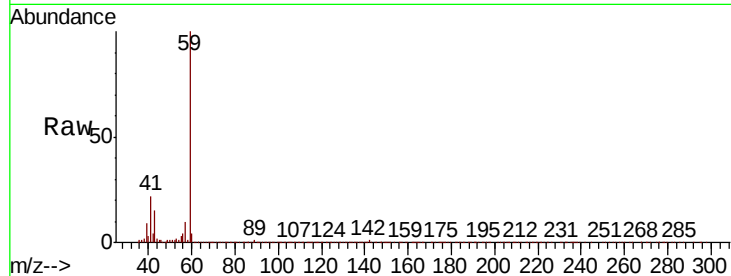


#23

tert-Butyl Alcohol
 Concen: 72.740 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

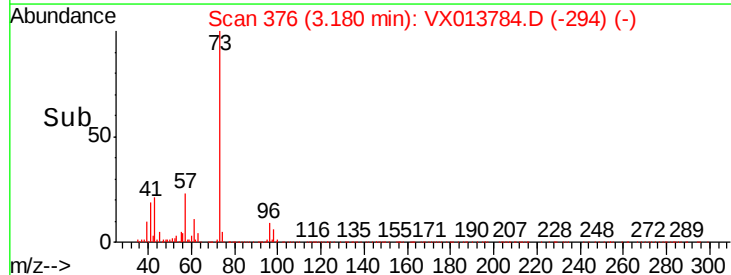
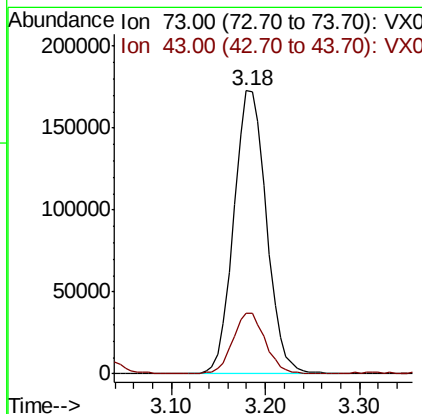
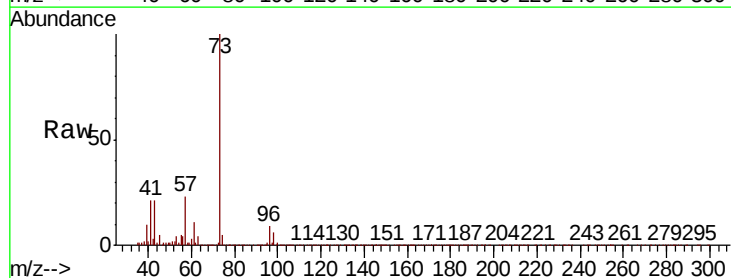
Tot Ion: 59 Resp: 156664
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.1 0.1#

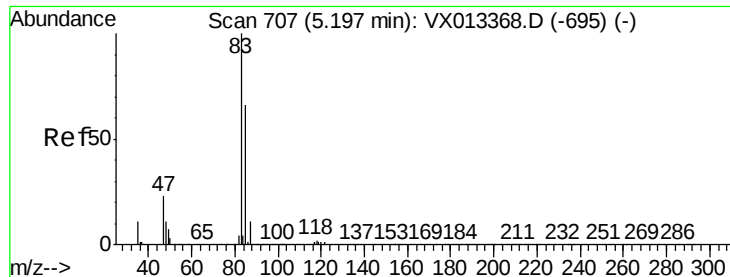


#24

Methyl tert-Butyl Ether
 Concen: 18.051 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

Tgt Ion: 73 Resp: 414948
 Ion Ratio Lower Upper
 73 100
 43 20.9 17.0 25.6

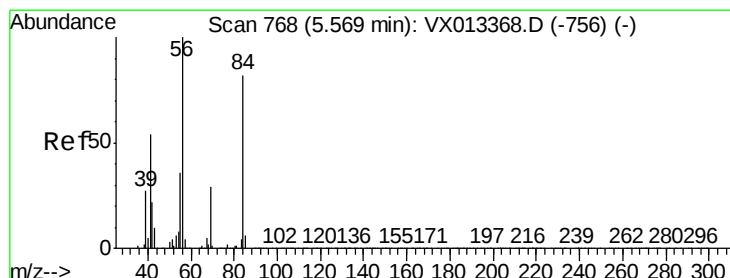
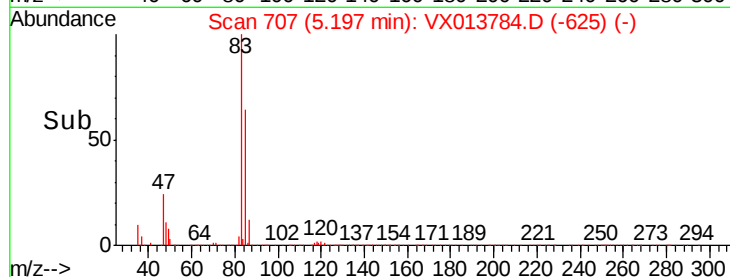
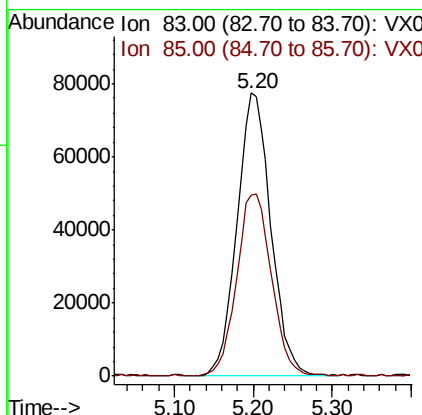
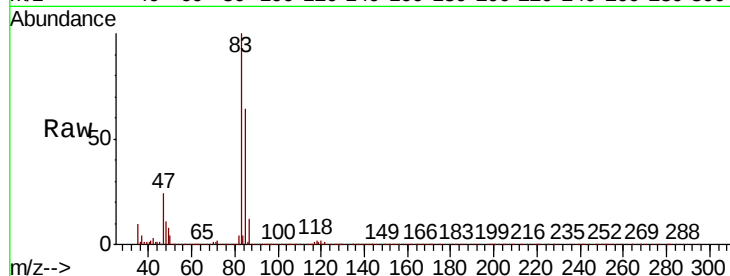




#25
Chloroform
Concen: 17.631 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

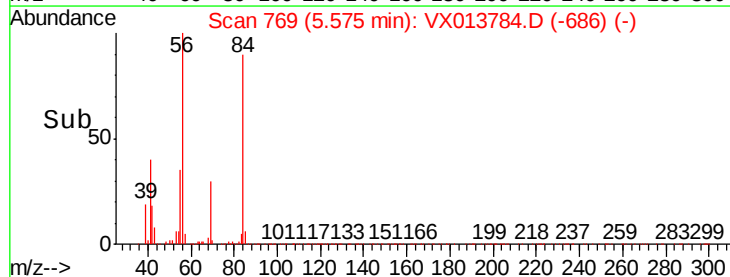
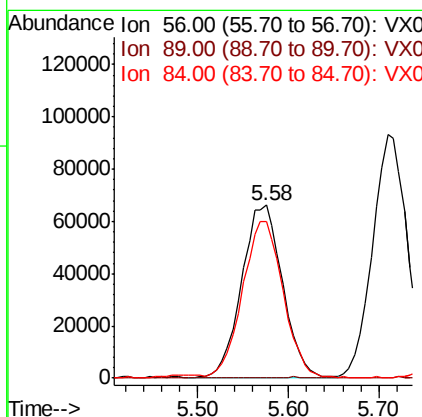
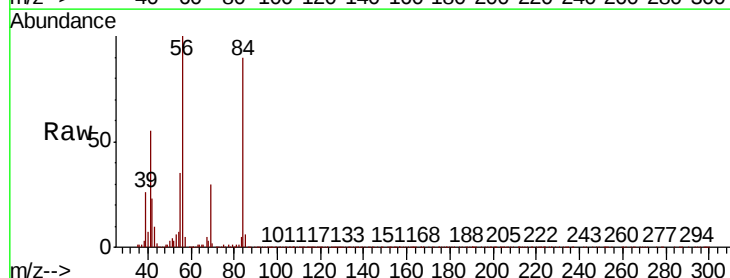
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

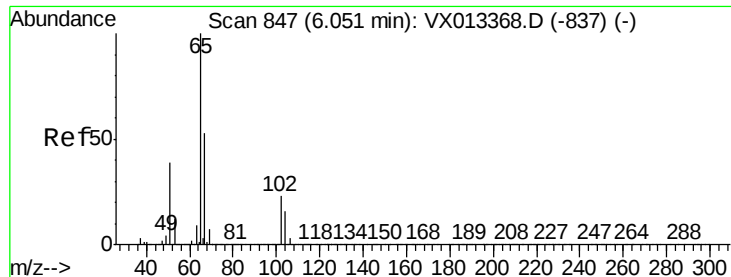
Tot Ion: 83 Resp: 231298
Ion Ratio Lower Upper
83 100
85 63.9 52.4 78.6



#26
Cyclohexane
Concen: 16.959 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion: 56 Resp: 206418
Ion Ratio Lower Upper
56 100
89 0.1 0.0 0.0#
84 89.1 70.5 105.7





#27

1,2-Dichloroethane-d4

Concen: 28.668 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

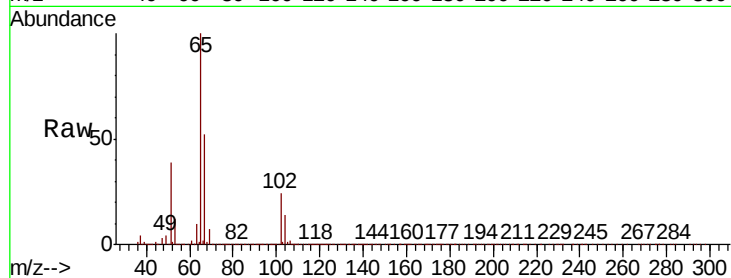
VSTDCCC020EC

Tot Ion: 65 Resp: 238061

Ion Ratio Lower Upper

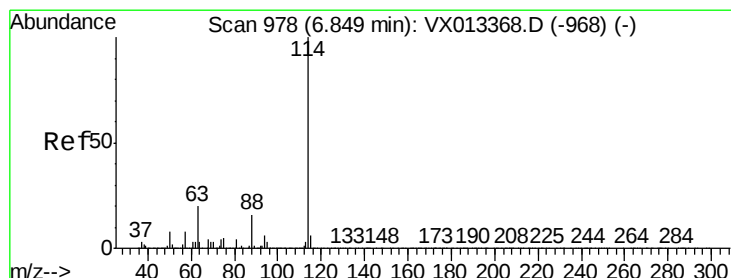
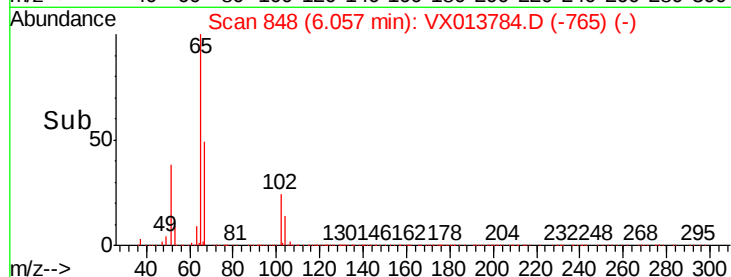
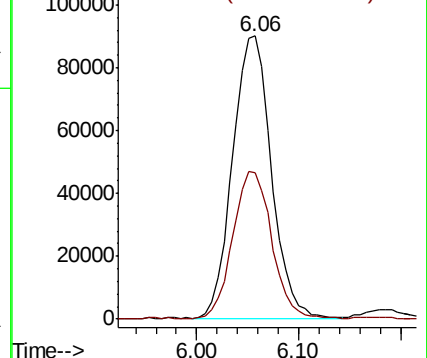
65 100

67 51.9 41.0 61.6



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

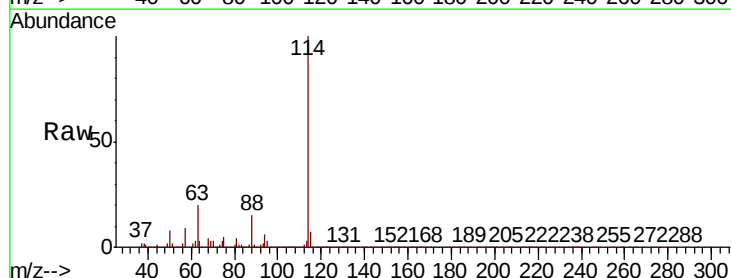
Tgt Ion: 114 Resp: 625165

Ion Ratio Lower Upper

114 100

63 19.7 16.1 24.1

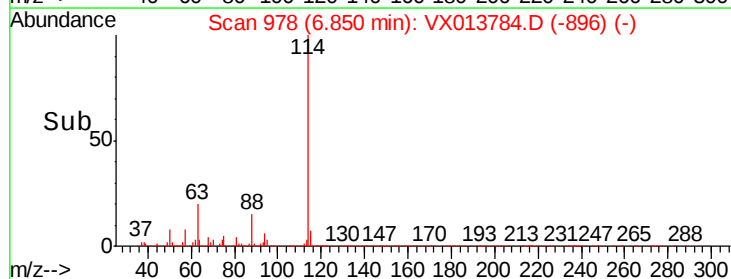
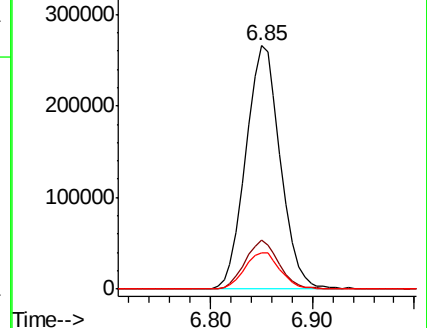
88 15.3 12.3 18.5

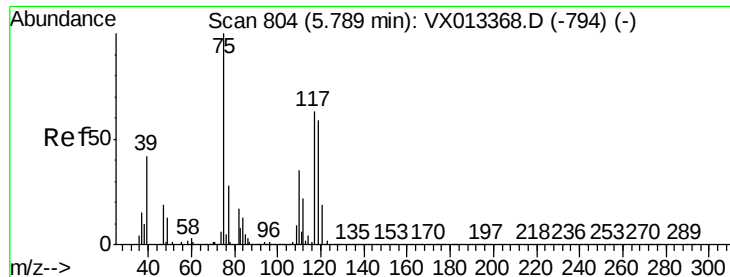


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 18.197 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

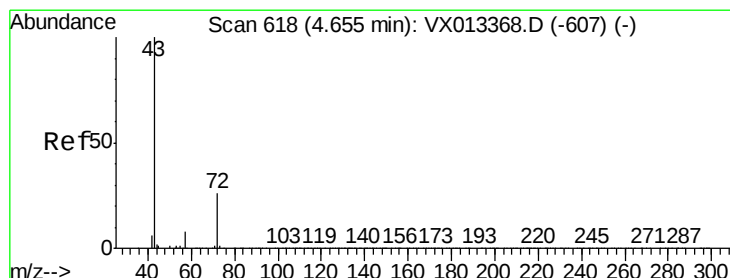
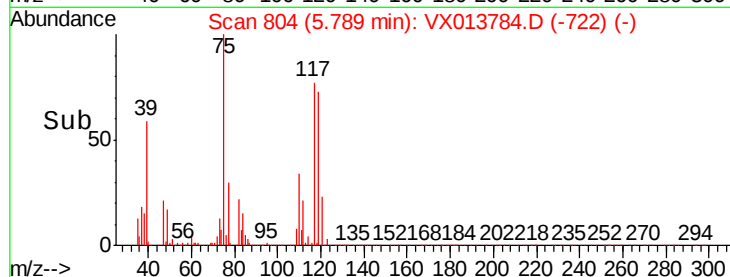
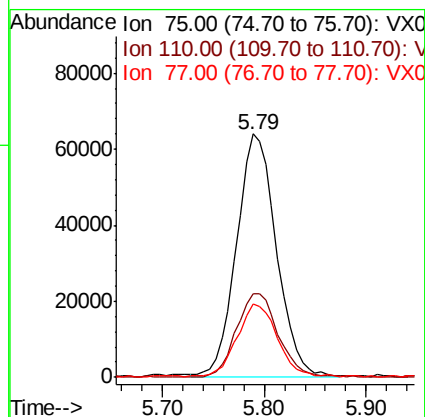
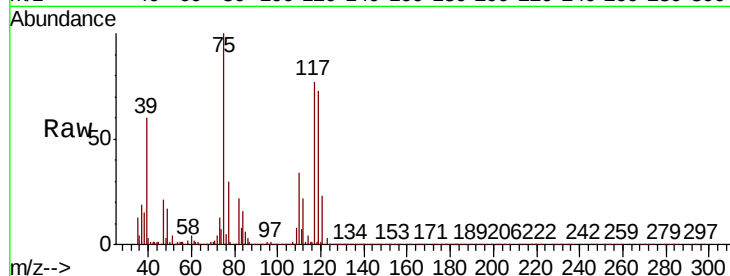
Tot Ion: 75 Resp: 173759

Ion Ratio Lower Upper

75 100

110 36.0 0.0 74.6

77 30.0 0.0 62.6



#30

2-Butanone

Concen: 88.179 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

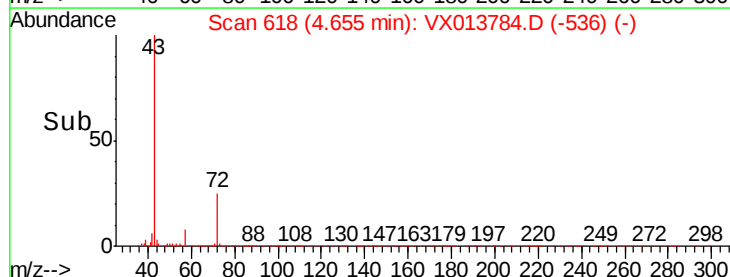
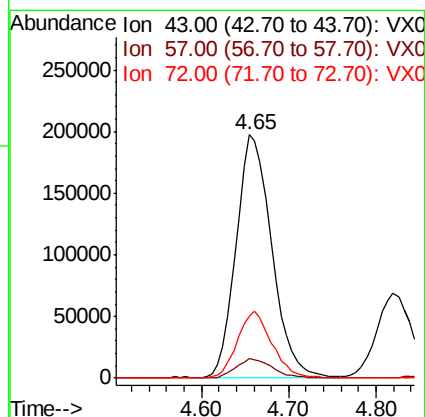
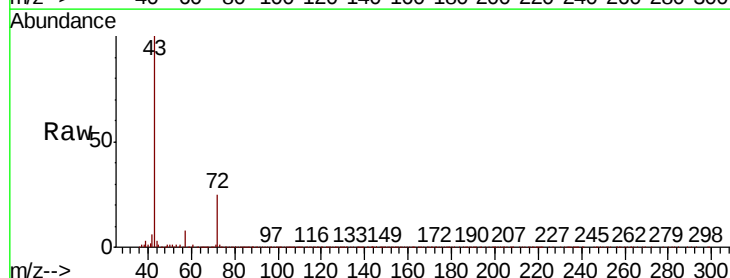
Tgt Ion: 43 Resp: 555761

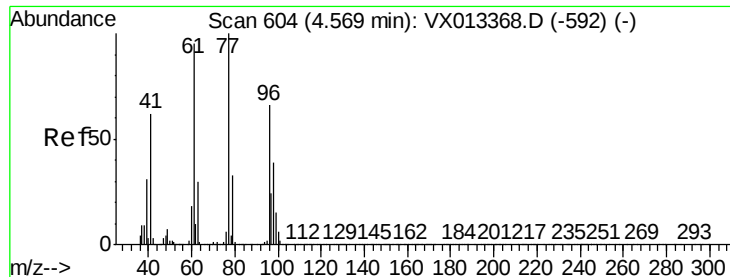
Ion Ratio Lower Upper

43 100

57 7.9 6.1 9.1

72 26.4 20.5 30.7





#31

2,2-Dichloropropane

Concen: 17.966 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

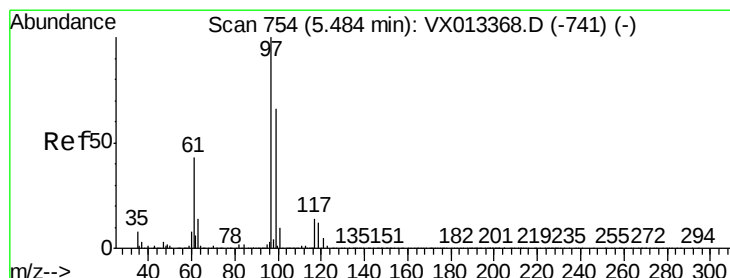
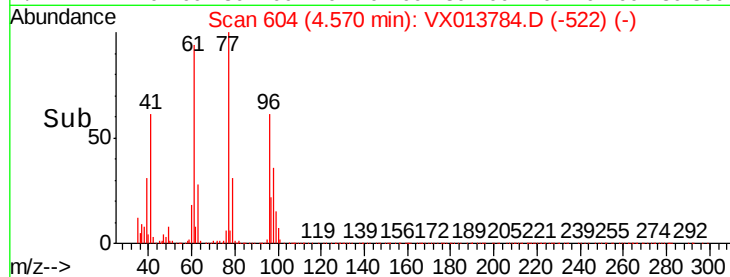
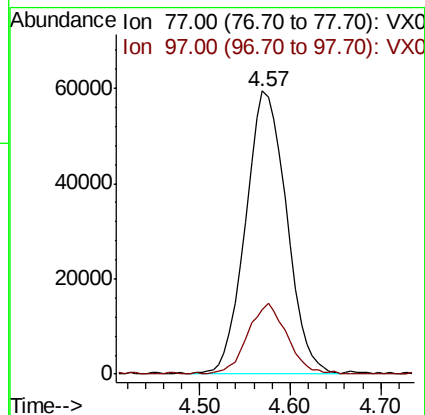
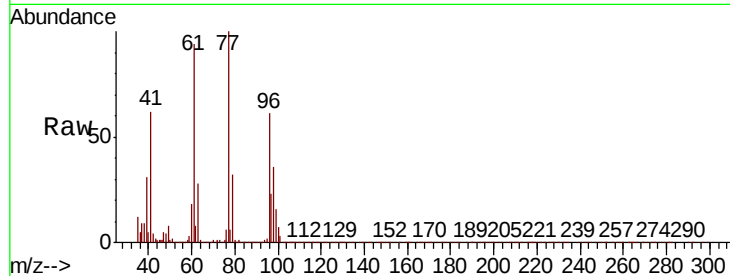
VSTDCCC020EC

Tot Ion: 77 Resp: 185794

Ion Ratio Lower Upper

77 100

97 23.3 19.2 28.8



#32

1,1,1-Trichloroethane

Concen: 18.467 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

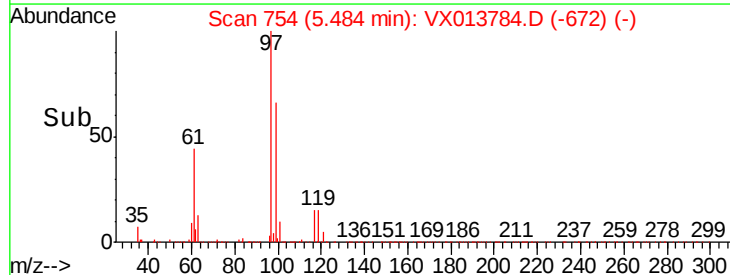
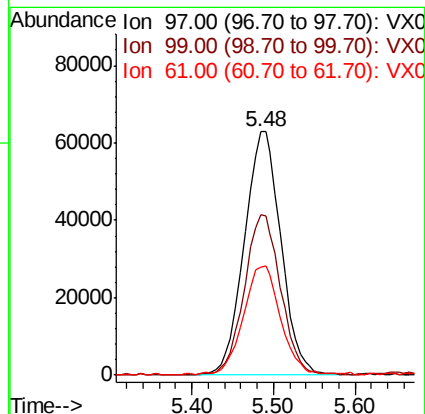
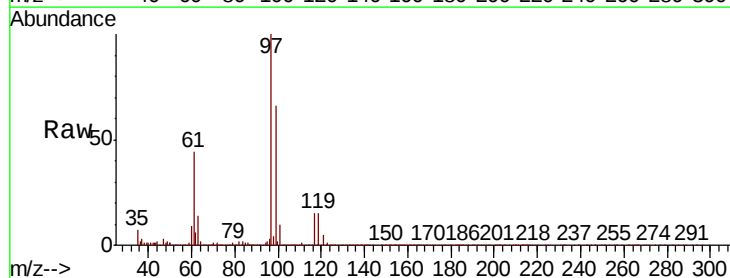
Tgt Ion: 97 Resp: 195999

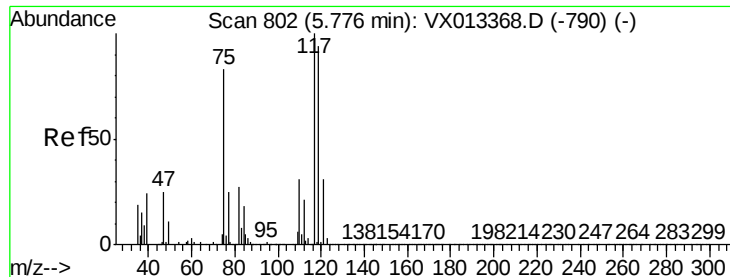
Ion Ratio Lower Upper

97 100

99 65.0 52.5 78.7

61 44.9 36.1 54.1





#33

Carbon Tetrachloride

Concen: 18.391 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

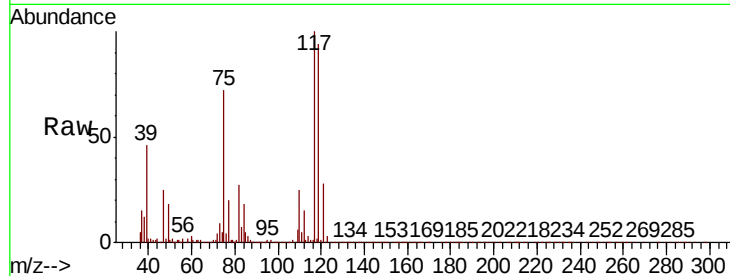
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

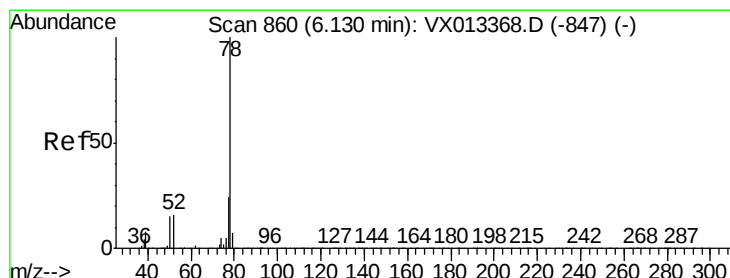
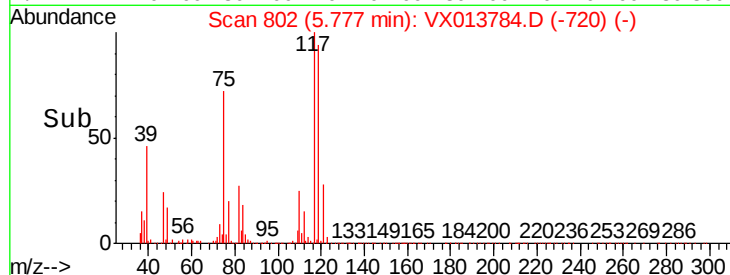
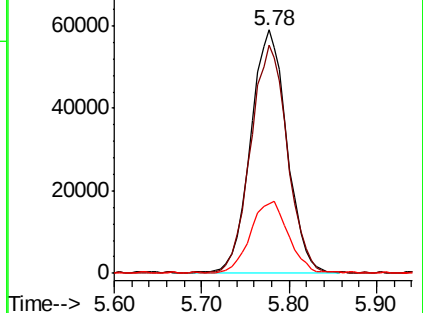
Tot Ion:	117	Resp:	169537
Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.0	112.6
121	28.2	24.9	37.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.680 ug/l

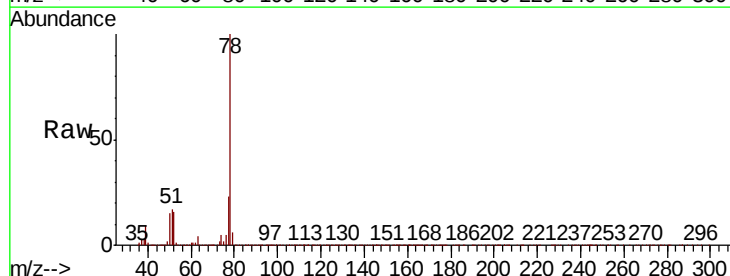
RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

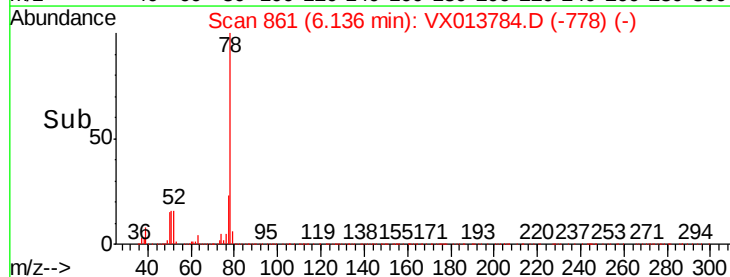
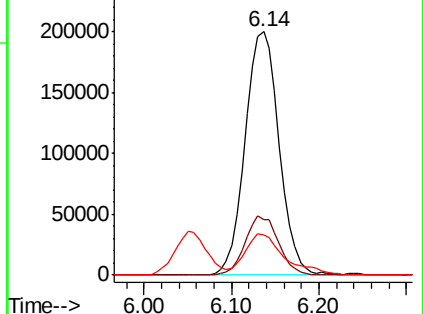
Tgt Ion:	78	Resp:	541036
Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.3	28.9
51	16.0	12.2	18.4

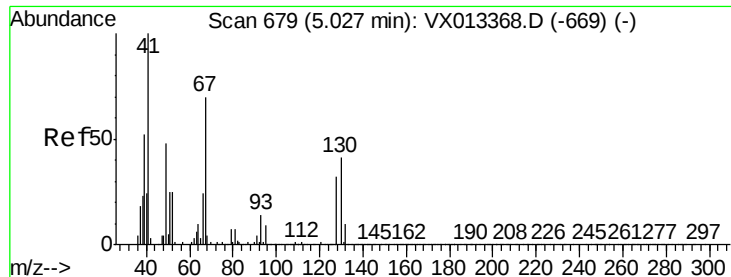


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

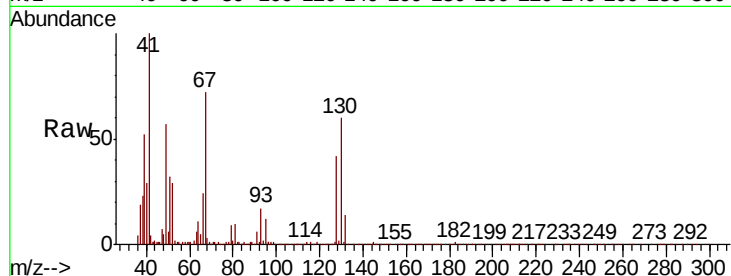




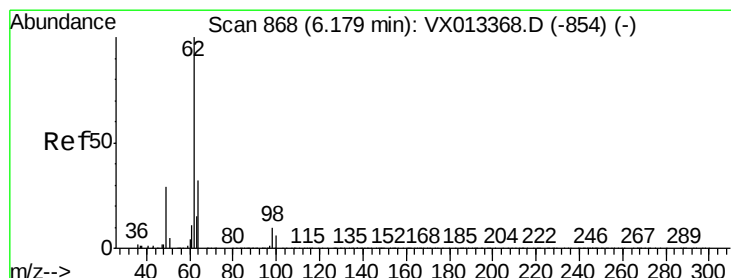
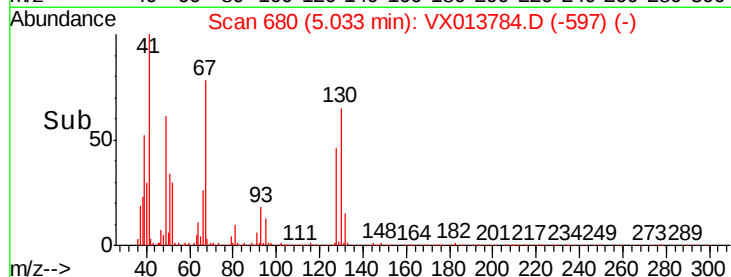
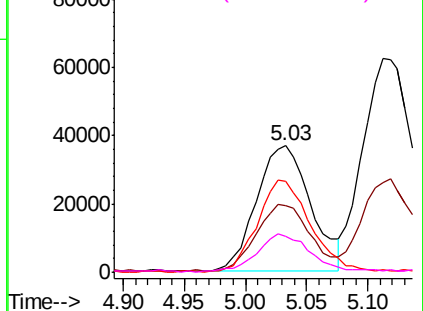
#35
Methacrylonitrile
Concen: 18.119 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	41	Resp:	114042
Ion	Ratio	Lower	Upper
41	100		
39	51.7	25.9	77.8
67	71.9	35.1	105.5
52	28.2	12.5	37.5

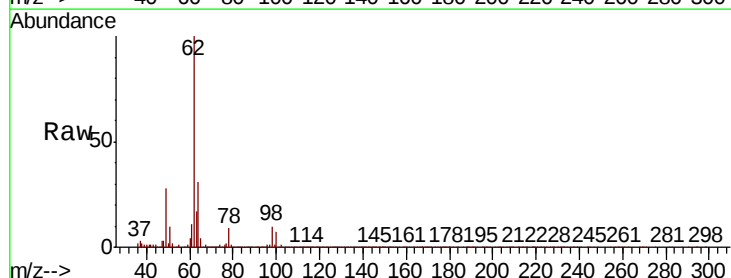


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

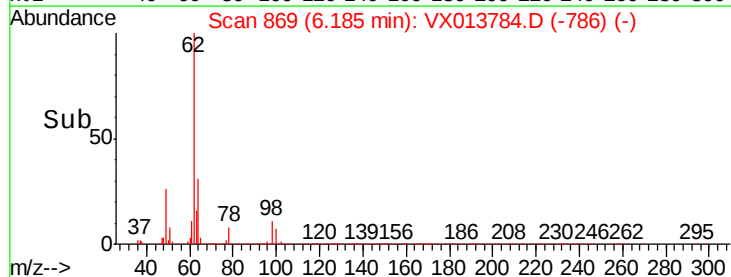
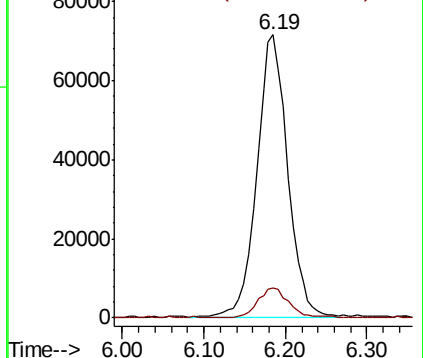


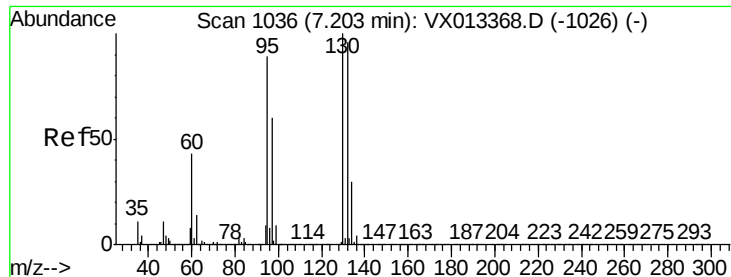
#36
1,2-Dichloroethane
Concen: 18.704 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion:	62	Resp:	189621
Ion	Ratio	Lower	Upper
62	100		
98	10.1	8.2	12.2



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

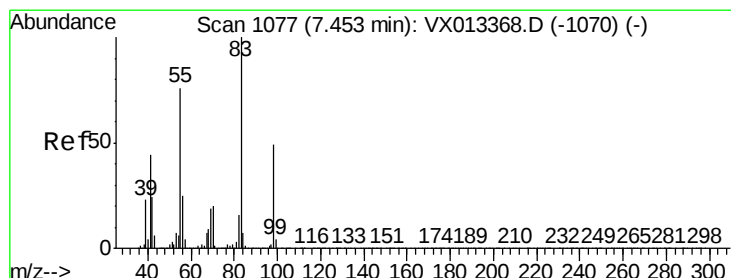
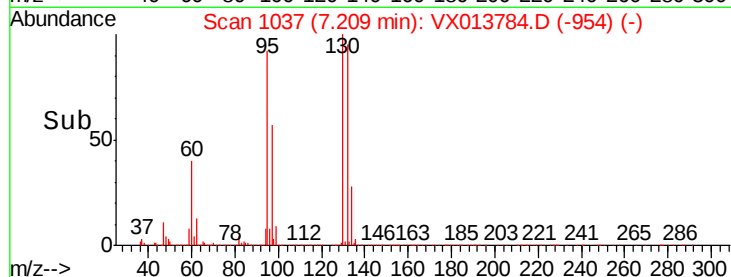
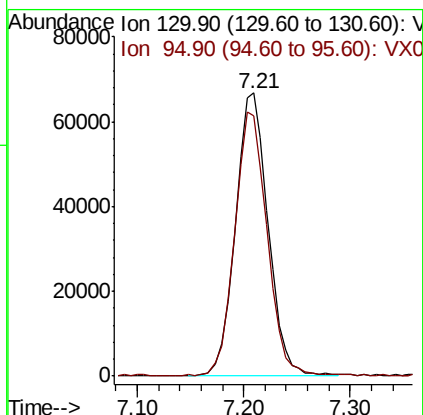
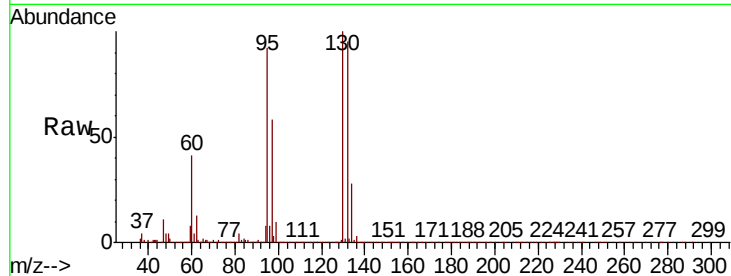




#37
 Trichloroethene
 Concen: 18.506 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

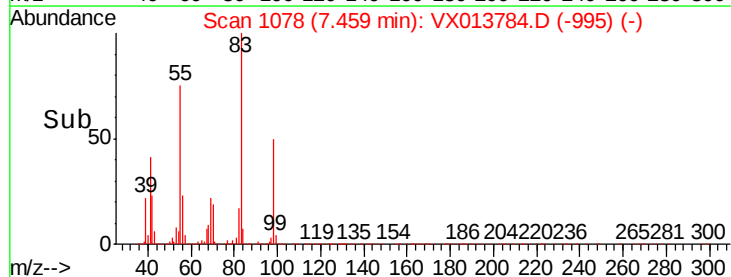
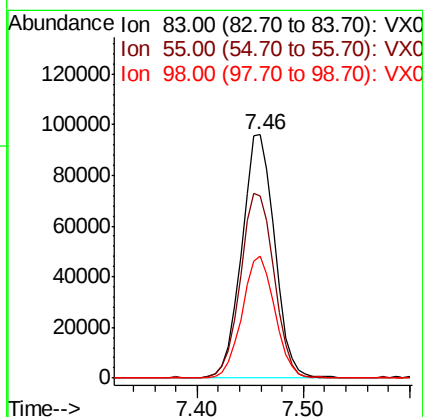
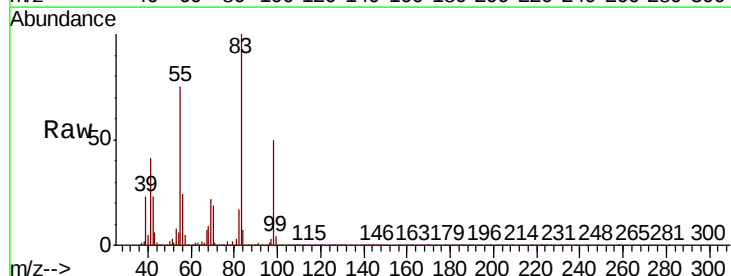
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

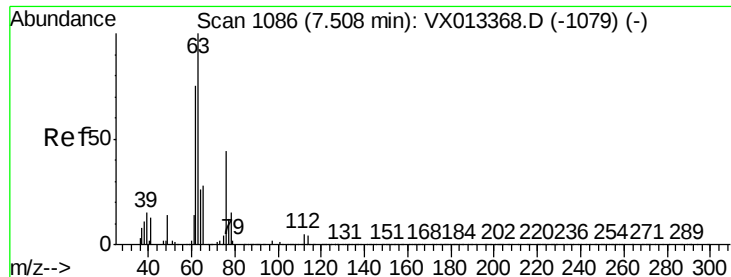
Tot Ion:130 Resp: 143594
 Ion Ratio Lower Upper
 130 100
 95 91.6 71.3 106.9



#38
 Methylcyclohexane
 Concen: 17.774 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.01 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

Tgt Ion: 83 Resp: 208100
 Ion Ratio Lower Upper
 83 100
 55 78.2 37.9 113.7
 98 49.9 25.1 75.3

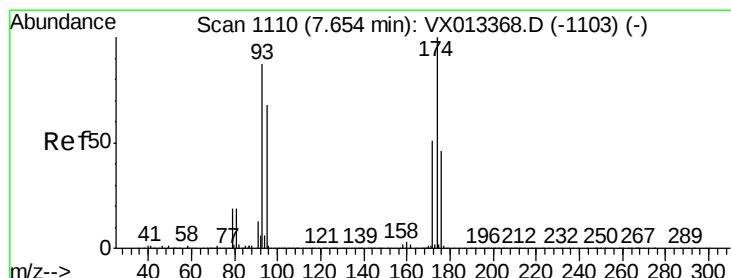
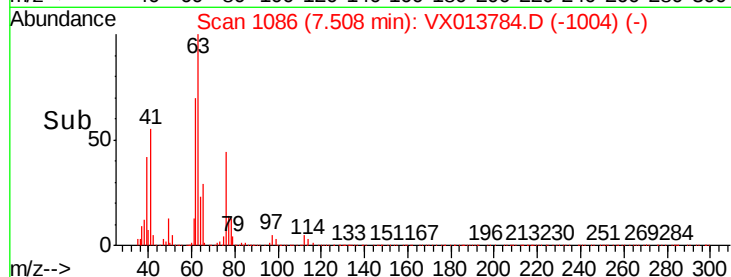
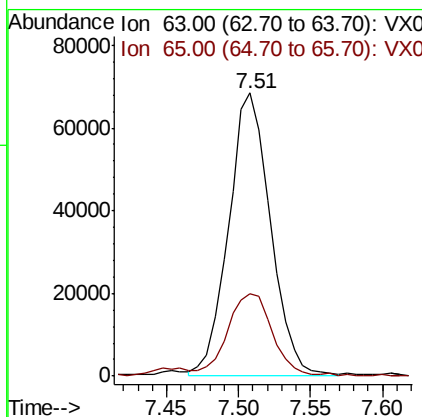
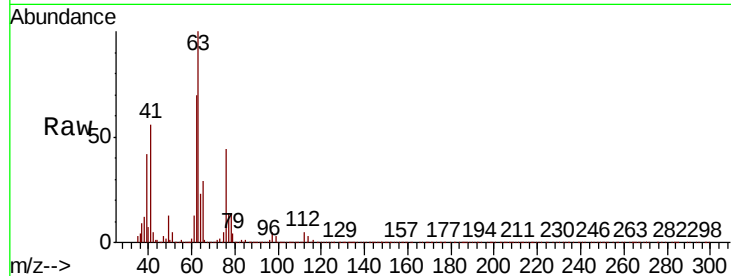




#39
 1,2-Dichloropropane
 Concen: 18.417 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

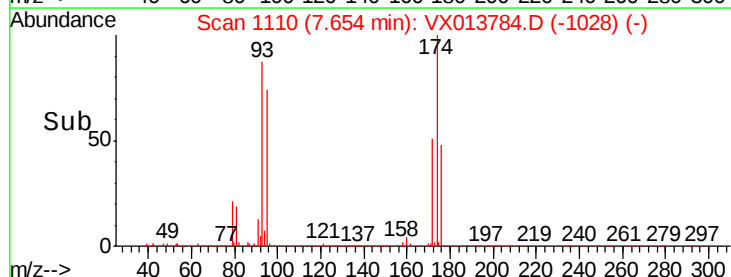
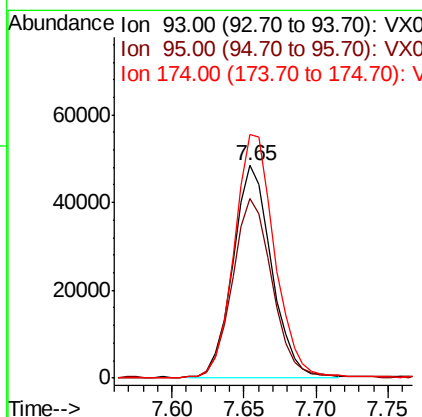
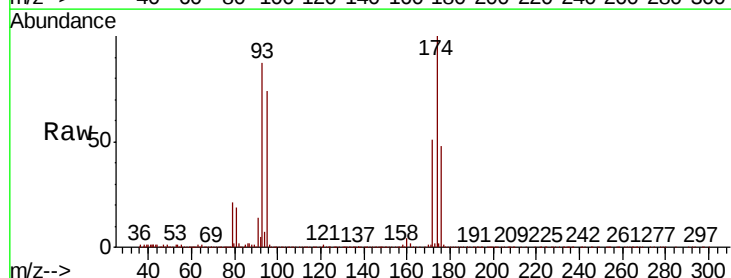
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

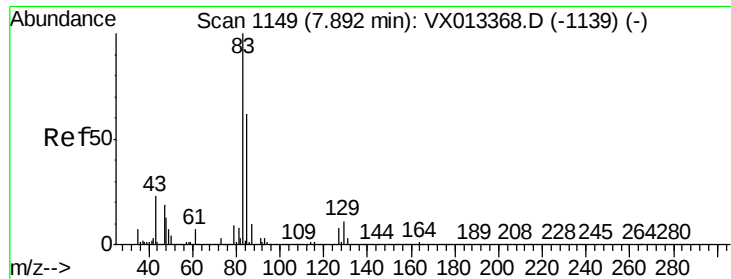
Tot Ion: 63 Resp: 137922
 Ion Ratio Lower Upper
 63 100
 65 29.2 23.8 35.8



#40
 Dibromomethane
 Concen: 18.152 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

Tgt Ion: 93 Resp: 90469
 Ion Ratio Lower Upper
 93 100
 95 86.0 0.0 160.8
 174 120.0 0.0 228.8





#41

Bromodichloromethane

Concen: 18.626 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

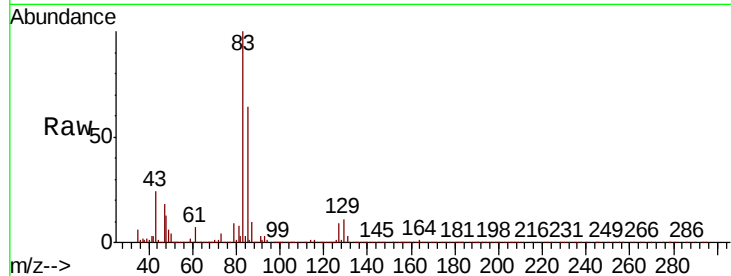
Tot Ion: 83 Resp: 181211

Ion Ratio Lower Upper

83 100

85 63.6 49.3 73.9

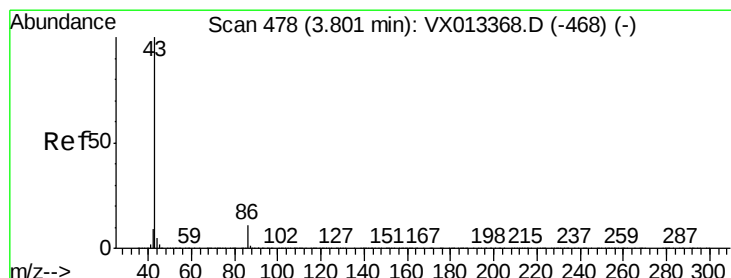
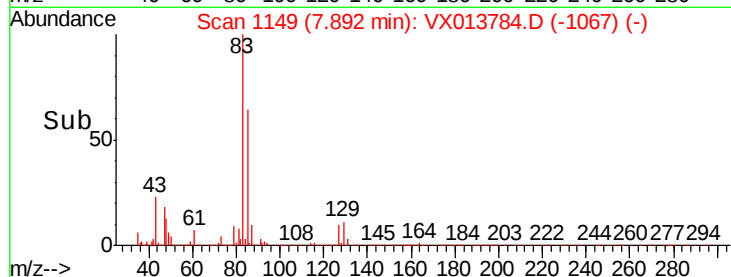
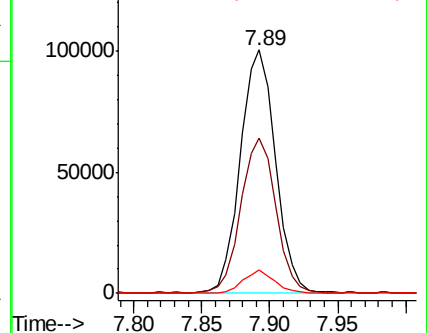
127 9.5 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 90.023 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013784.D

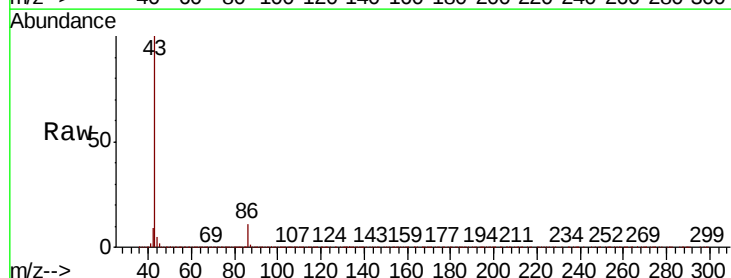
Acq: 05 Dec 2019 18:47

Tgt Ion: 43 Resp: 1786340

Ion Ratio Lower Upper

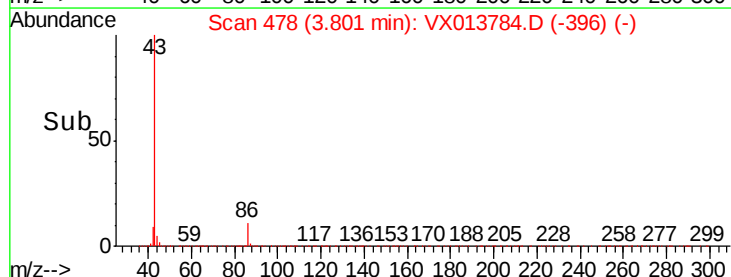
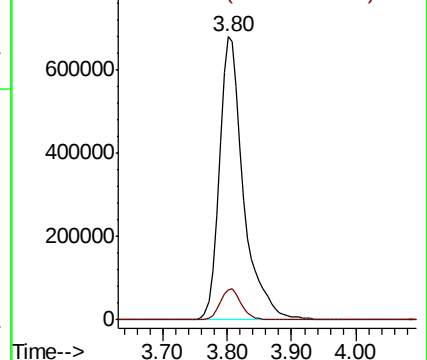
43 100

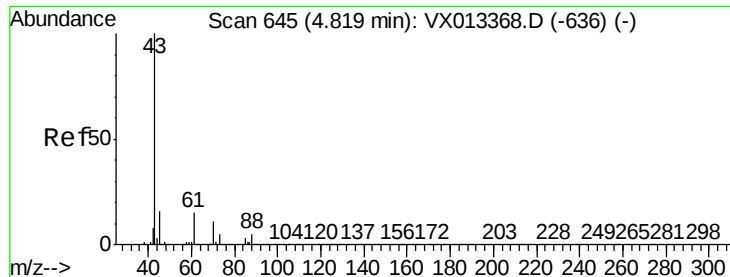
86 9.6 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

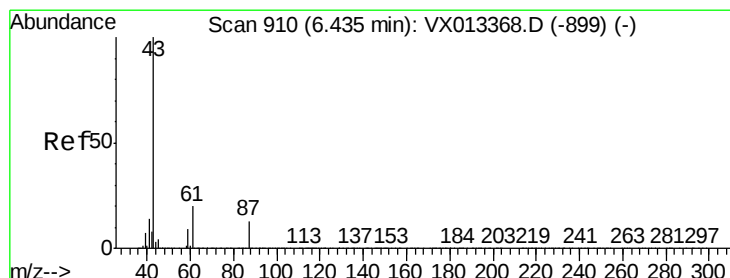
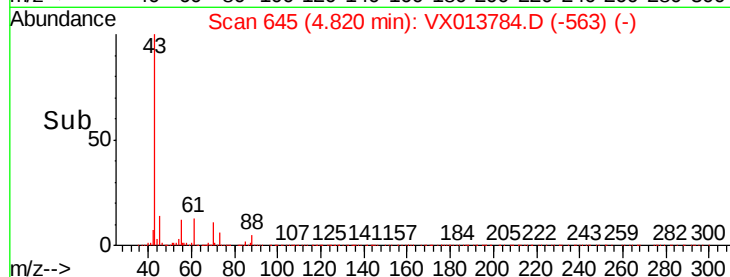
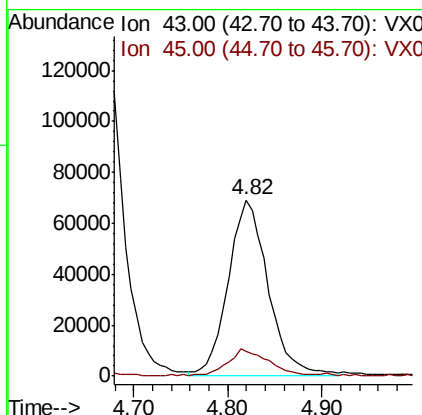
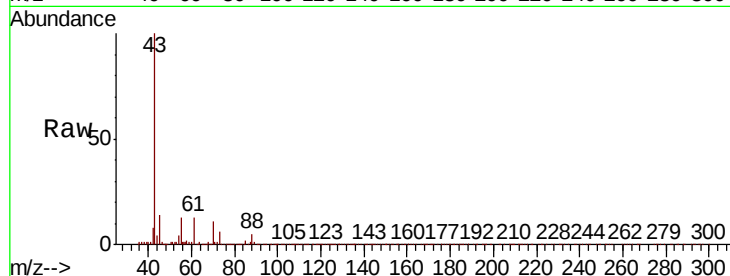




#43
Ethyl Acetate
Concen: 17.528 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

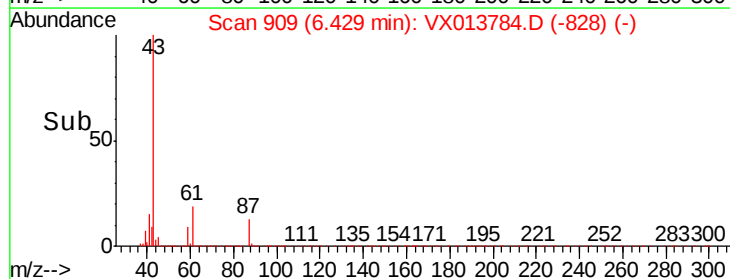
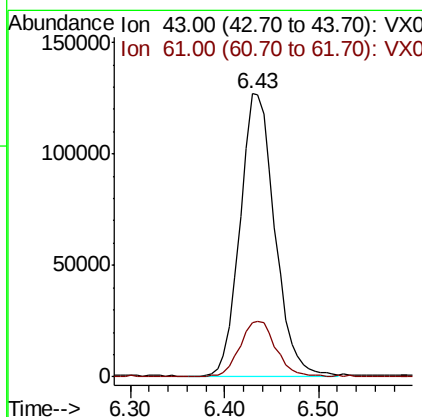
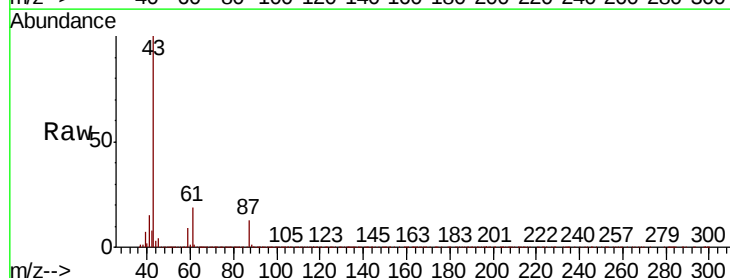
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

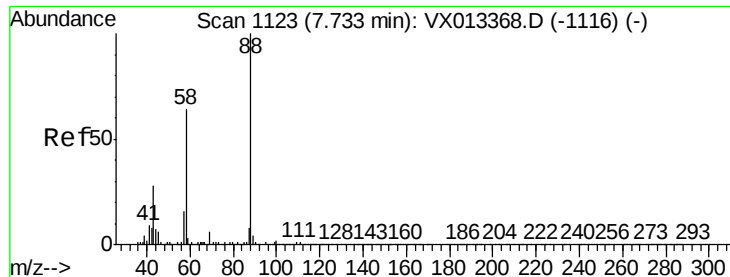
Tot Ion: 43 Resp: 201493
Ion Ratio Lower Upper
43 100
45 13.9 10.9 16.3



#44
Isopropyl Acetate
Concen: 17.653 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion: 43 Resp: 326194
Ion Ratio Lower Upper
43 100
61 20.6 15.8 23.8





#45

1,4-Dioxane

Concen: 322.962 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

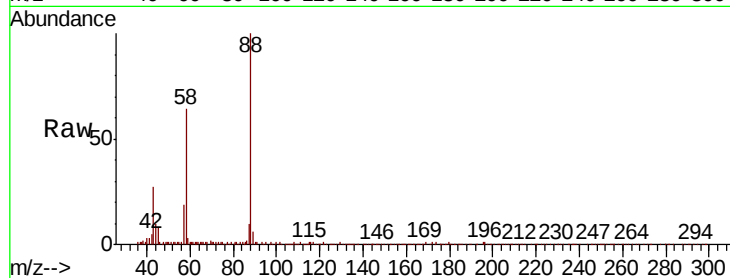
Tot Ion: 88 Resp: 65886

Ion Ratio Lower Upper

88 100

43 31.0 26.1 39.1

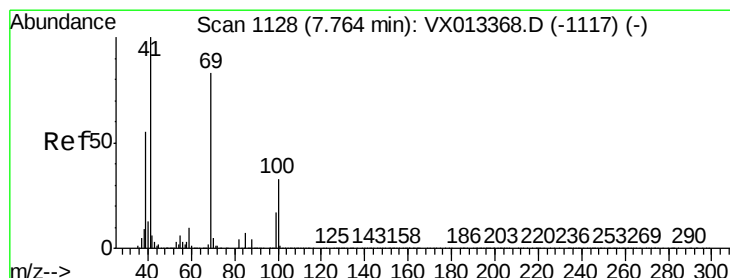
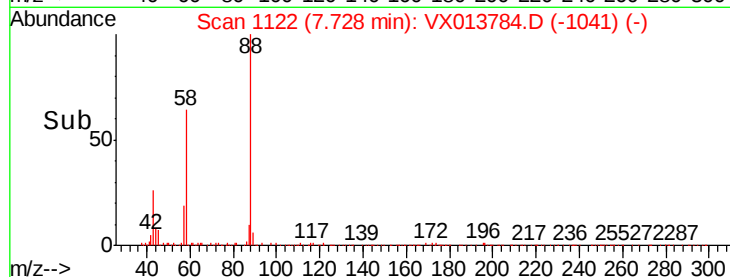
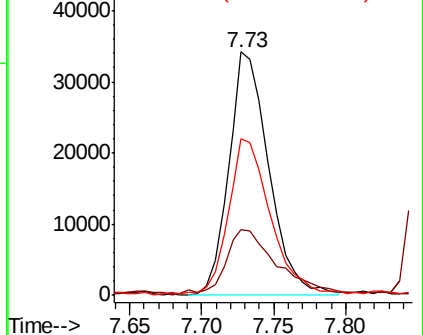
58 67.6 55.8 83.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 17.773 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

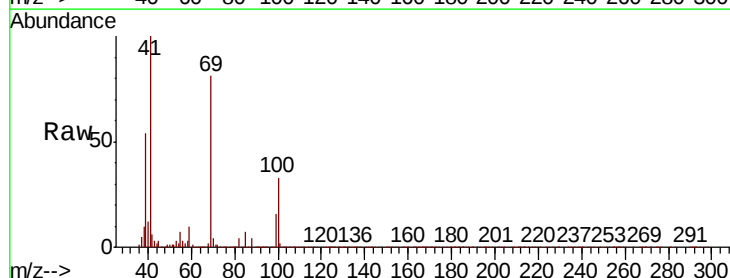
Tgt Ion: 41 Resp: 163360

Ion Ratio Lower Upper

41 100

69 80.9 41.4 124.4

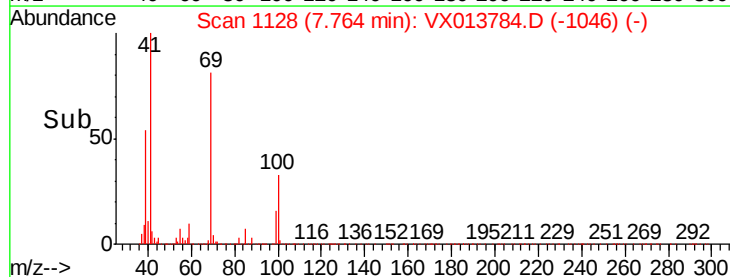
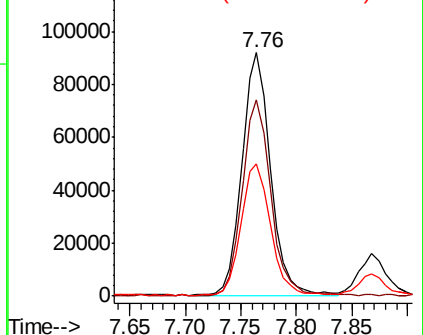
39 54.2 27.9 83.6

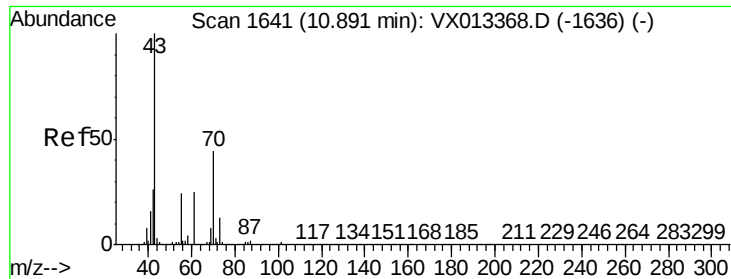


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 17.326 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

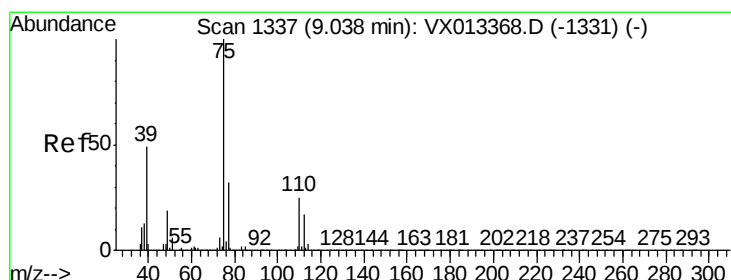
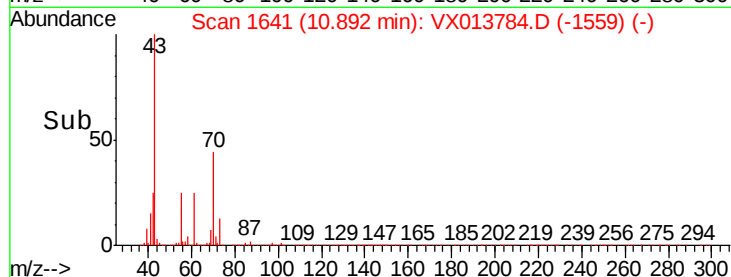
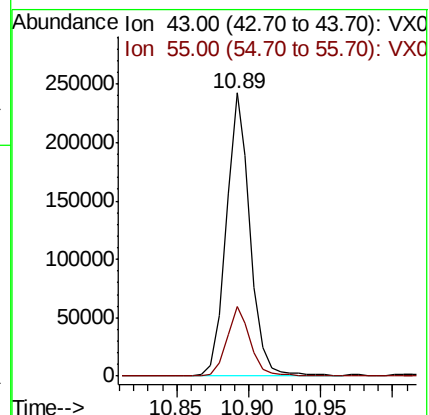
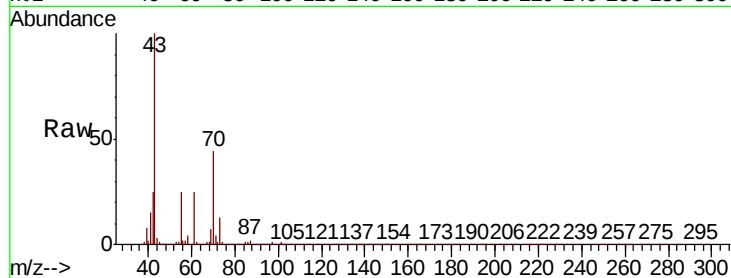
VSTDCCC020EC

Tot Ion: 43 Resp: 280818

Ion Ratio Lower Upper

43 100

55 24.0 19.0 28.4



#48

t-1,3-Dichloropropene

Concen: 17.638 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013784.D

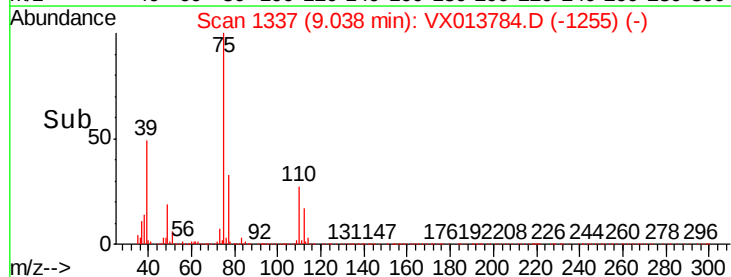
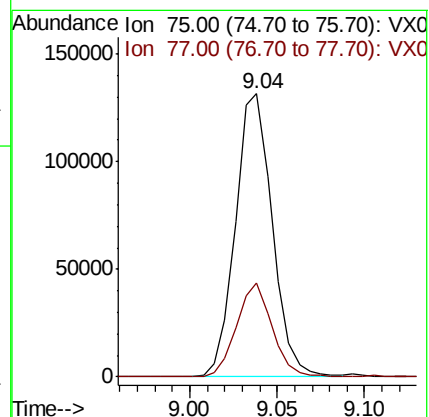
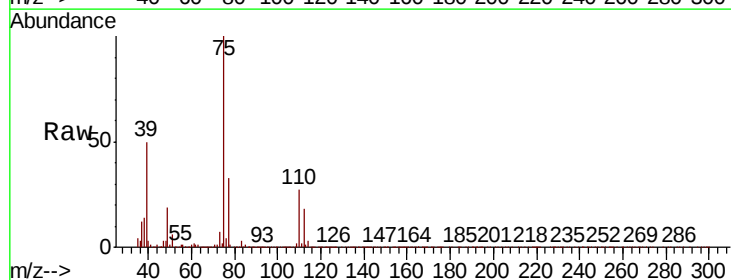
Acq: 05 Dec 2019 18:47

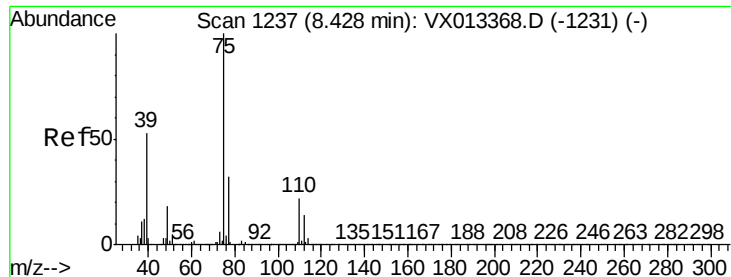
Tgt Ion: 75 Resp: 192424

Ion Ratio Lower Upper

75 100

77 32.8 25.3 37.9



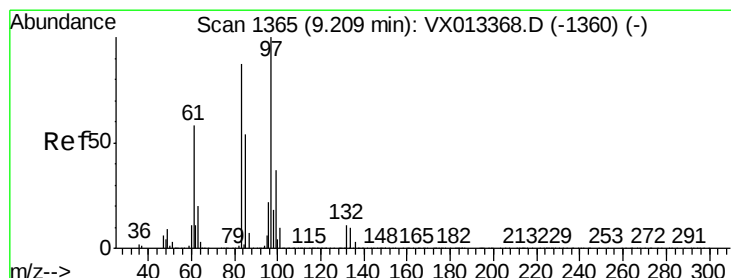
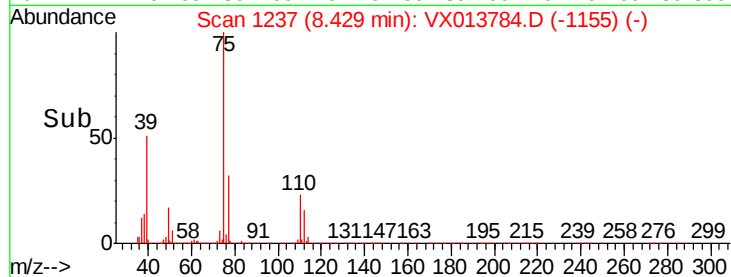
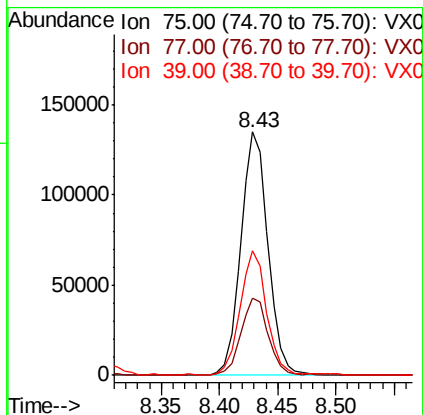
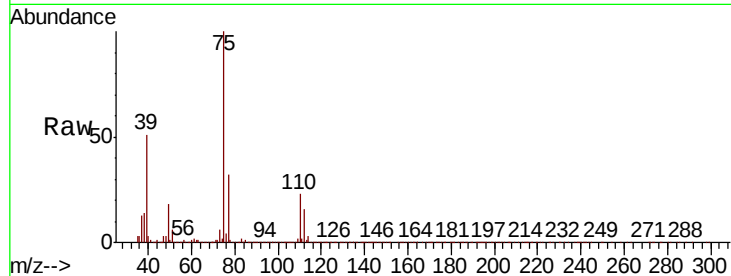


#49

cis-1,3-Dichloropropene
 Concen: 18.404 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

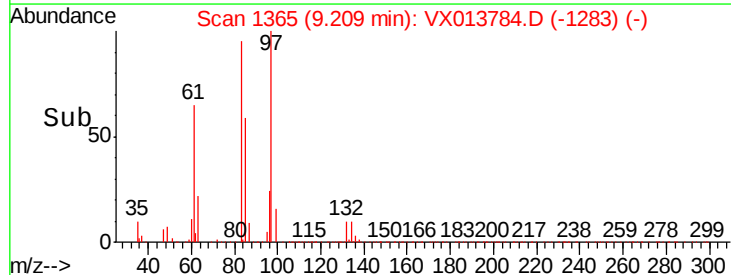
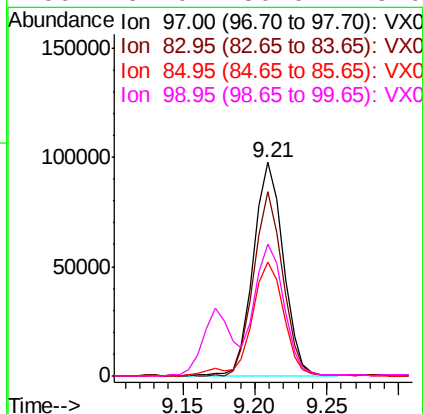
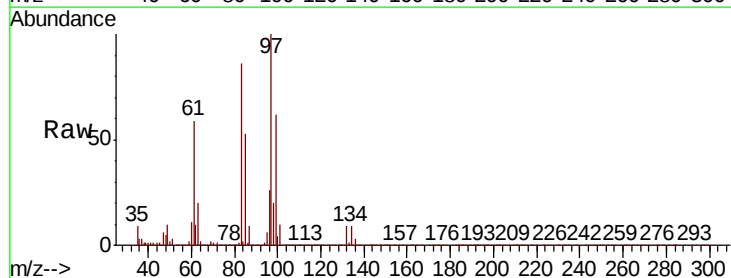
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.8
39	50.5	42.2	63.4

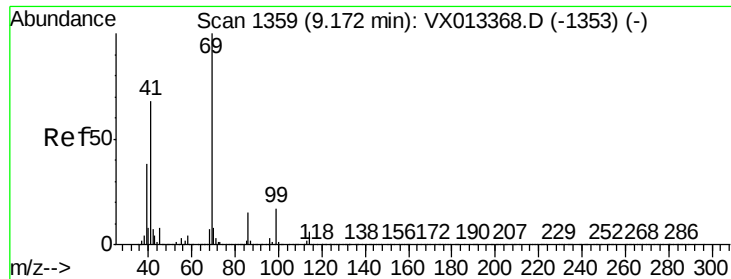


#50

1,1,2-Trichloroethane
 Concen: 19.055 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.6	104.4
85	53.1	45.5	68.3
99	61.0	50.0	75.0





#51

Ethyl methacrylate

Concen: 17.873 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

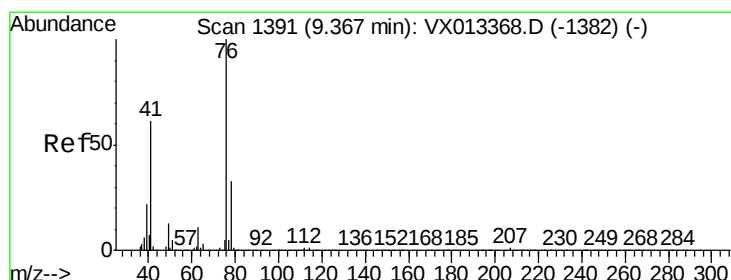
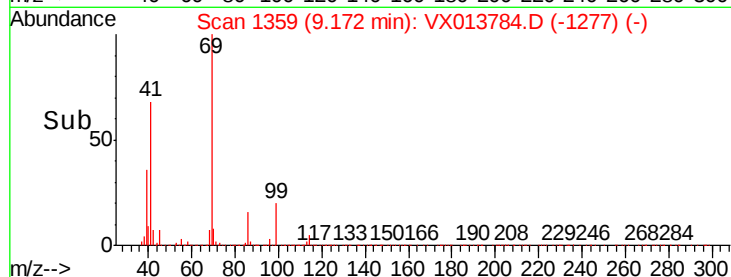
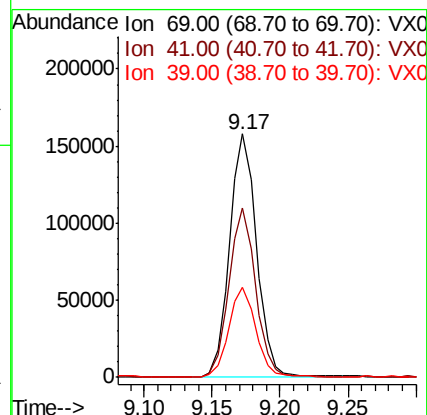
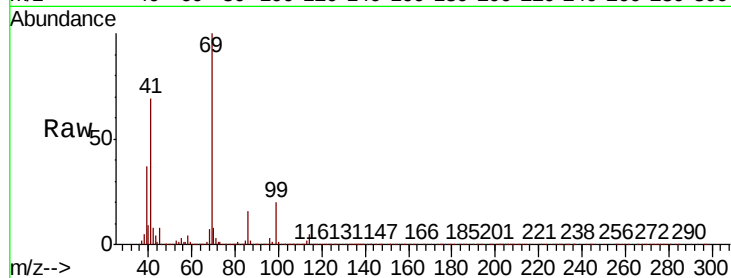
Tot Ion: 69 Resp: 217025

Ion Ratio Lower Upper

69 100

41 69.3 33.9 101.6

39 36.6 18.8 56.4



#52

1,3-Dichloropropane

Concen: 18.759 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013784.D

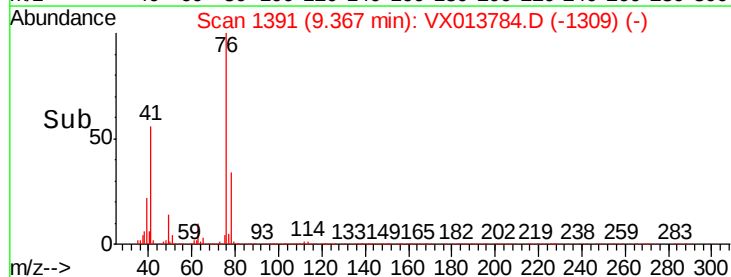
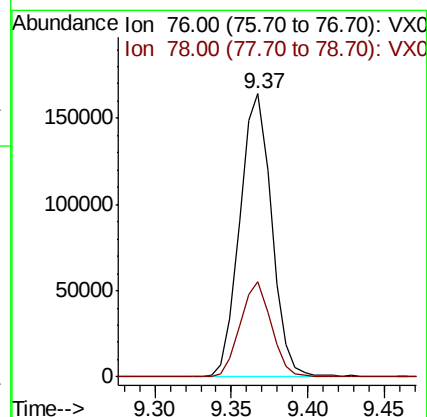
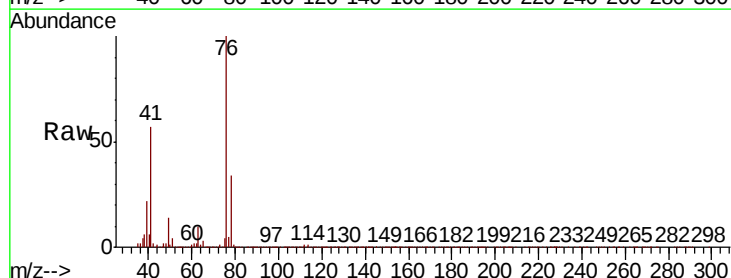
Acq: 05 Dec 2019 18:47

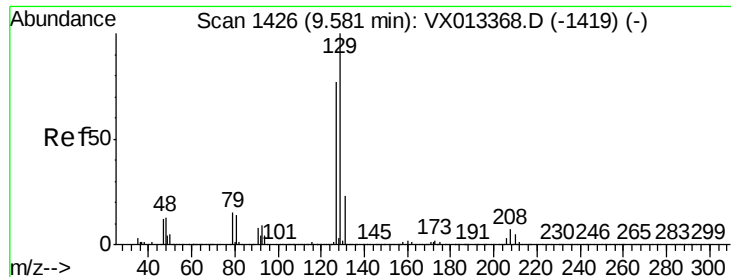
Tgt Ion: 76 Resp: 236505

Ion Ratio Lower Upper

76 100

78 32.4 0.0 63.6





#53

Dibromochloromethane

Concen: 18.339 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

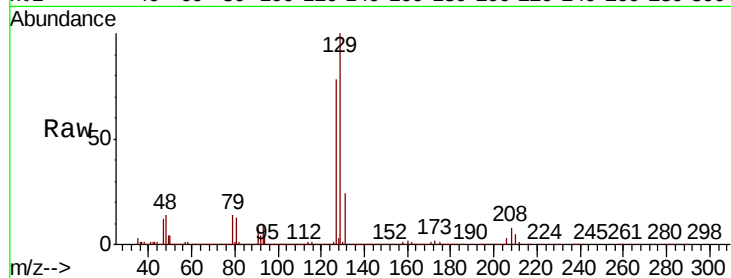
VSTDCCC020EC

Tot Ion:129 Resp: 143344

Ion Ratio Lower Upper

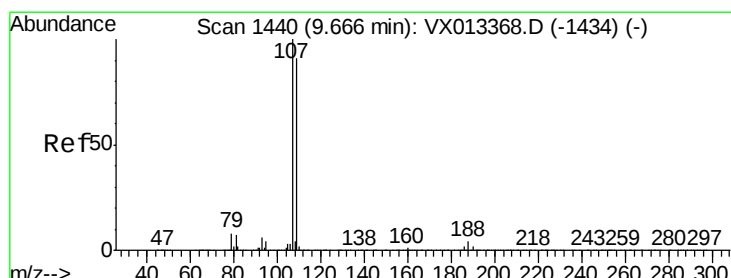
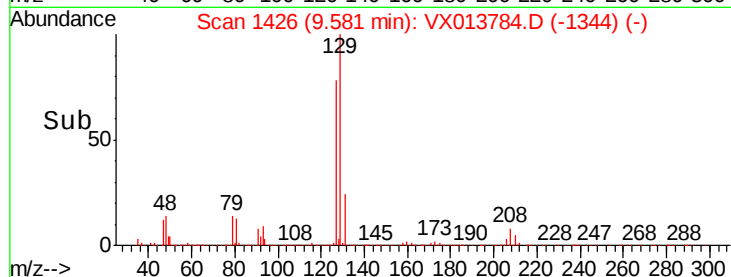
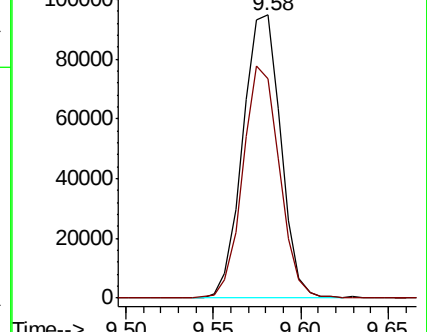
129 100

127 79.6 39.6 119.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.384 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013784.D

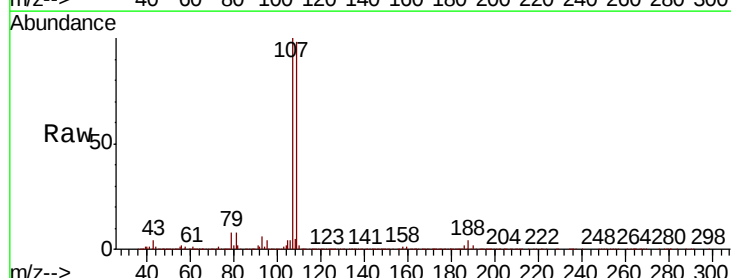
Acq: 05 Dec 2019 18:47

Tgt Ion:107 Resp: 144975

Ion Ratio Lower Upper

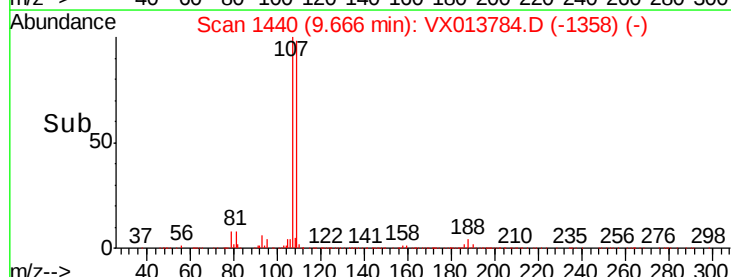
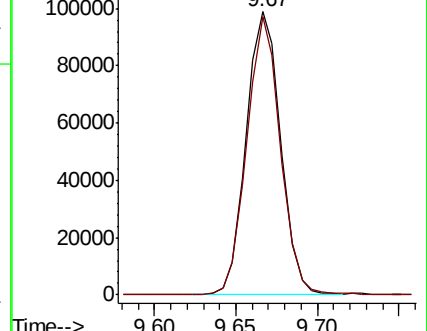
107 100

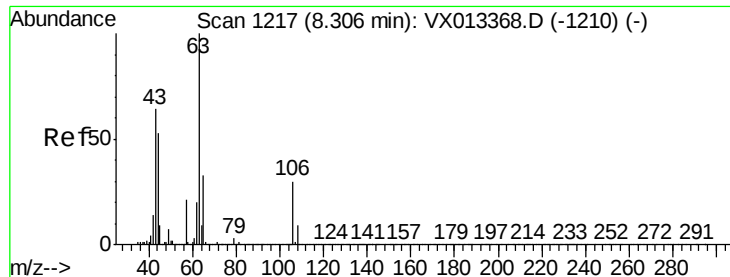
109 95.7 73.9 110.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

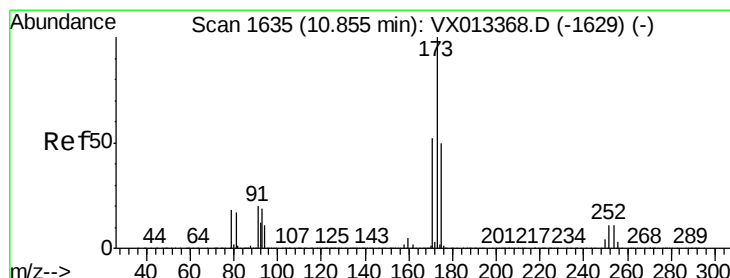
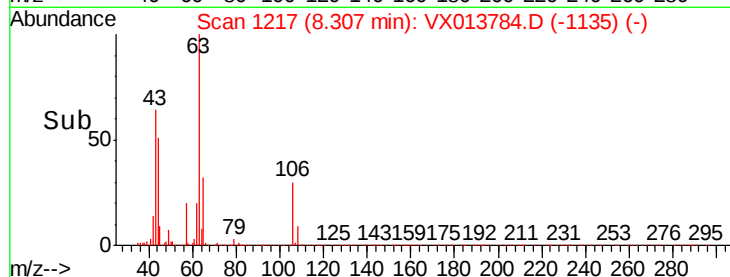
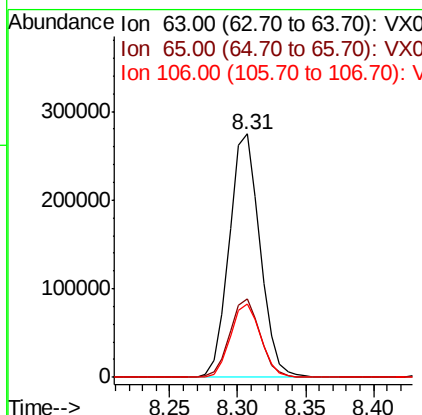
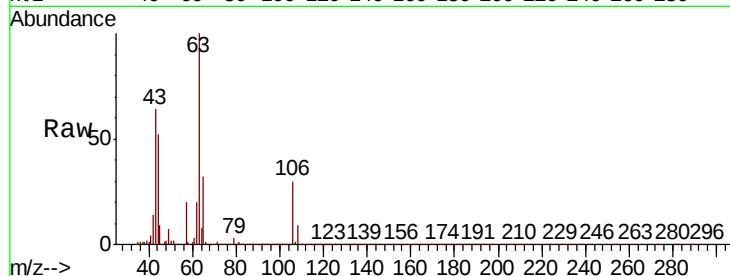




#55
2-Chloroethyl vinyl ether
Concen: 83.159 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

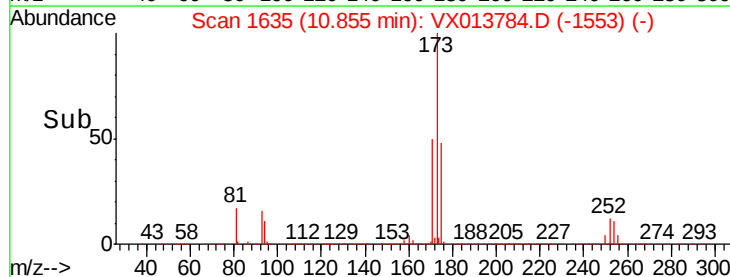
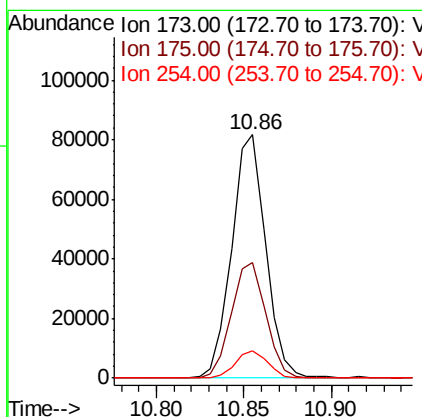
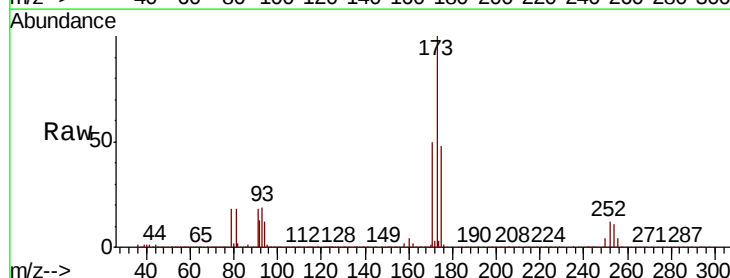
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

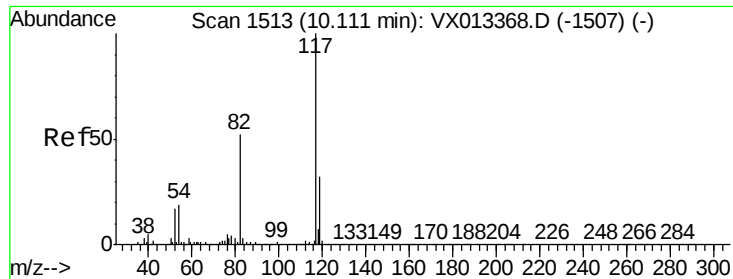
Tot Ion: 63 Resp: 431460
Ion Ratio Lower Upper
63 100
65 31.5 26.0 39.0
106 29.8 23.5 35.3



#56
Bromoform
Concen: 17.731 ug/l
RT: 10.86 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion: 173 Resp: 110296
Ion Ratio Lower Upper
173 100
175 48.5 39.4 59.0
254 11.0 8.6 12.8

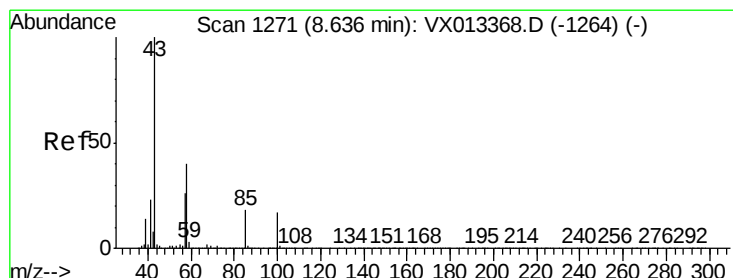
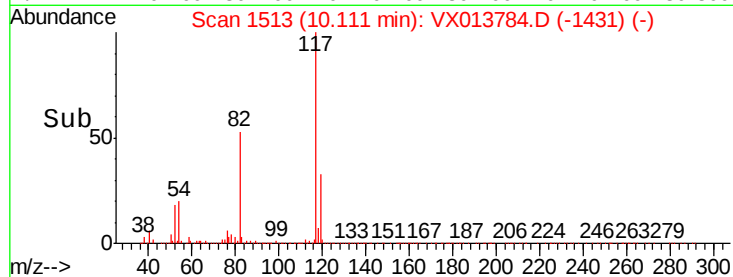
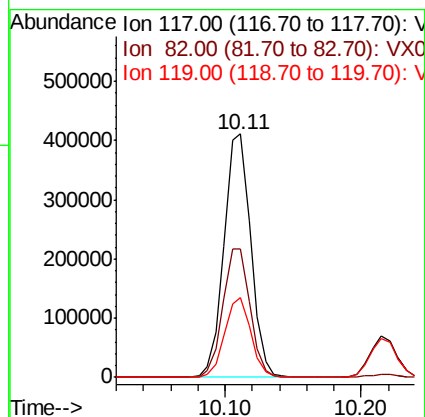
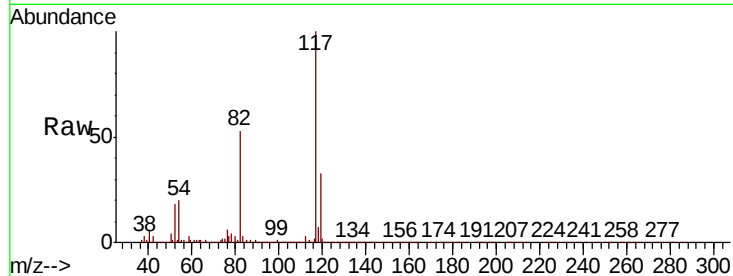




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

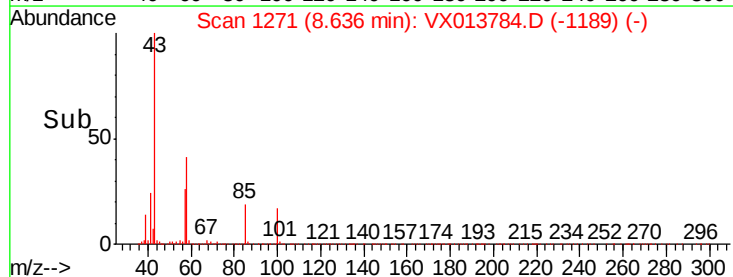
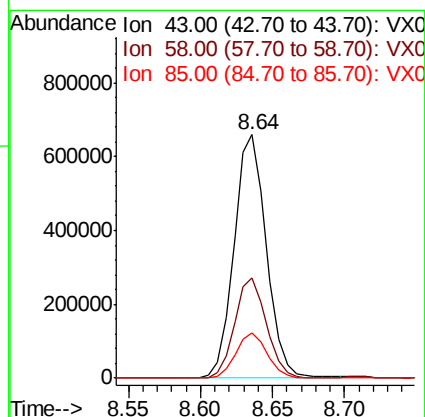
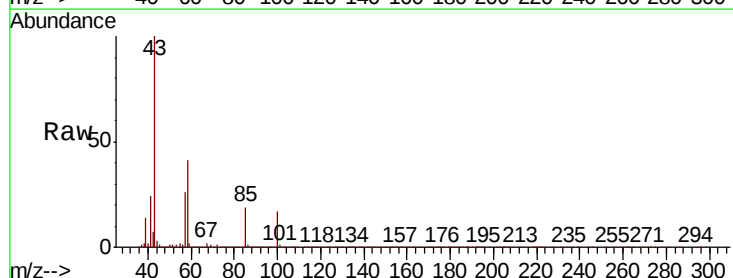
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

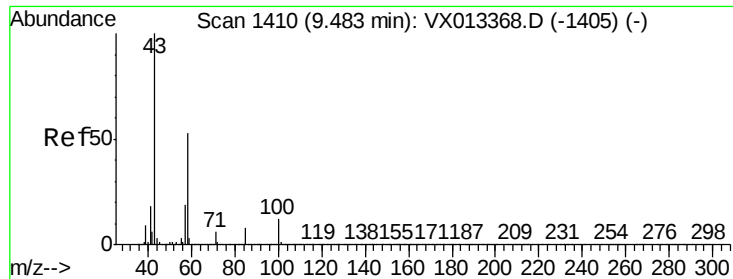
Tot Ion:117 Resp: 560898
Ion Ratio Lower Upper
117 100
82 53.7 43.7 65.5
119 32.1 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 87.865 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion: 43 Resp: 1029539
Ion Ratio Lower Upper
43 100
58 40.4 31.6 47.4
85 18.2 14.2 21.2

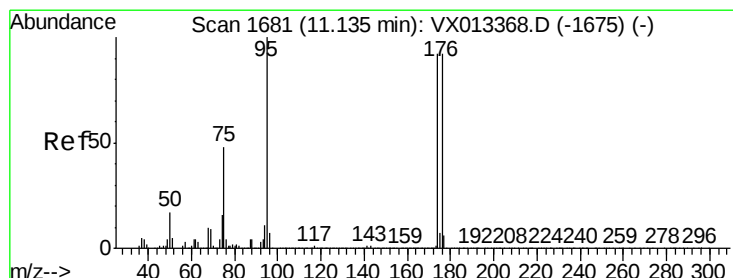
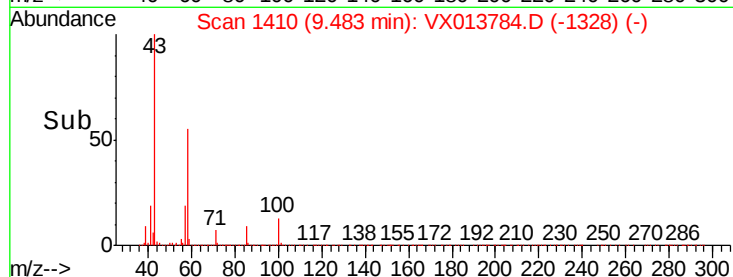
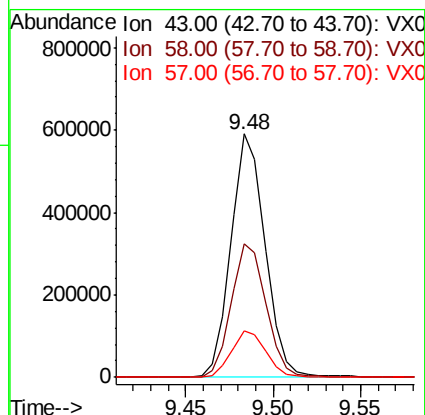
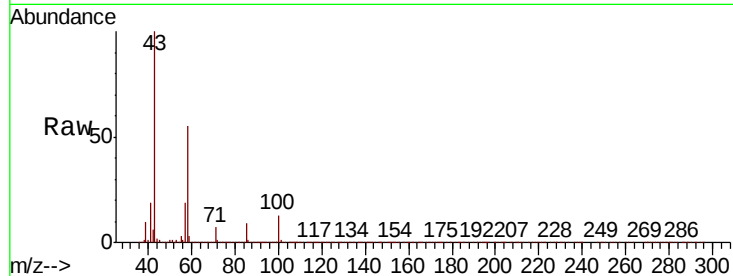




#59
2-Hexanone
Concen: 86.625 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

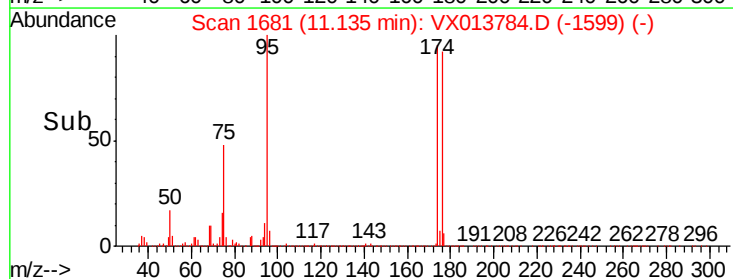
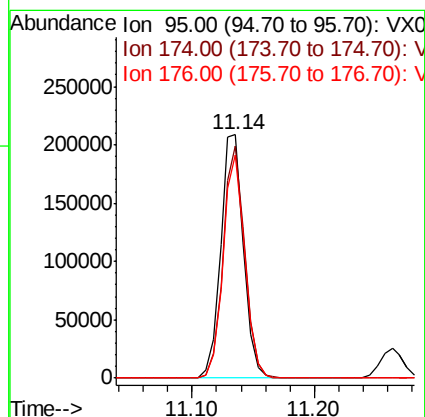
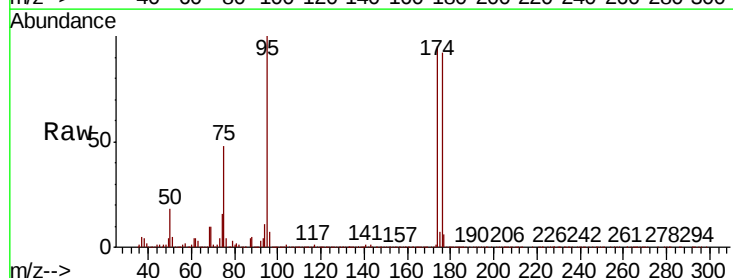
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

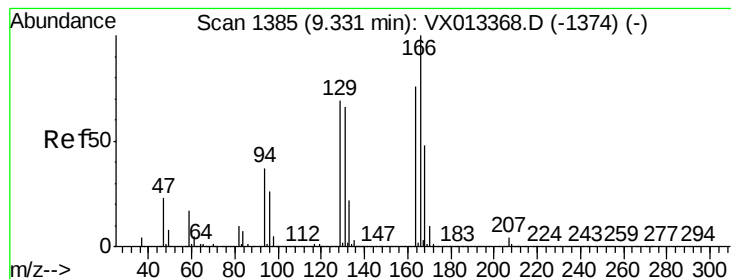
Tot Ion:	43	Resp:	803110
Ion	Ratio	Lower	Upper
43	100		
58	56.2	43.8	65.6
57	19.3	15.1	22.7



#60
4-Bromofluorobenzene
Concen: 29.873 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion:	95	Resp:	269310
Ion	Ratio	Lower	Upper
95	100		
174	90.5	70.2	105.2
176	87.3	68.3	102.5





#61

Tetrachloroethene

Concen: 18.972 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 131218

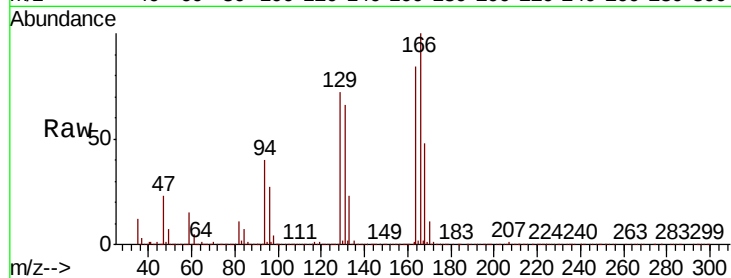
Ion Ratio Lower Upper

164 100

166 119.5 104.9 157.3

129 85.5 72.3 108.5

131 78.3 69.0 103.6

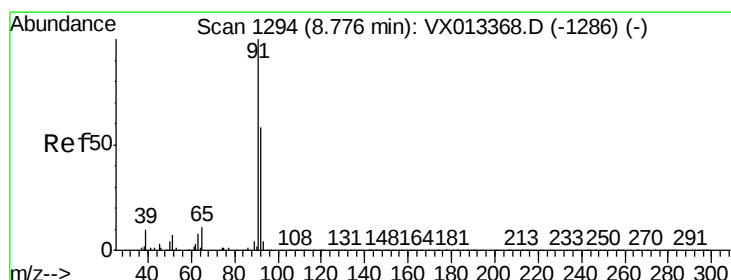
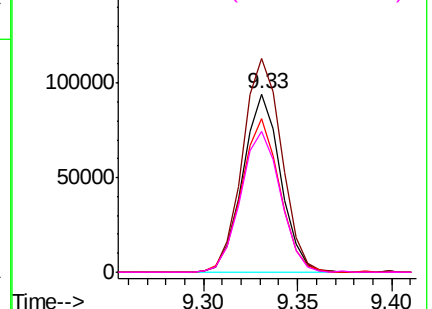
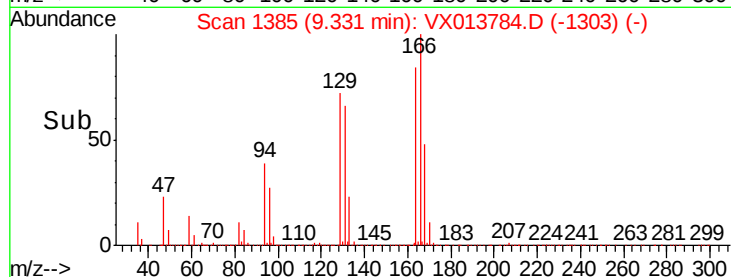


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.479 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX013784.D

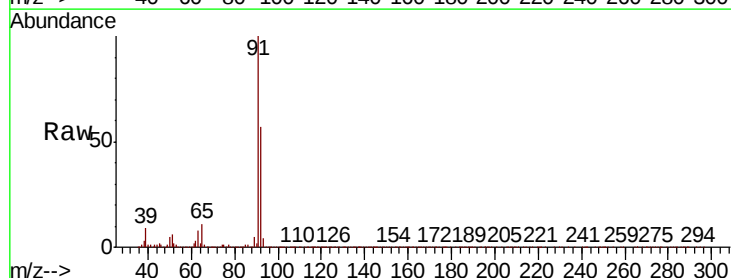
Acq: 05 Dec 2019 18:47

Tgt Ion: 91 Resp: 577357

Ion Ratio Lower Upper

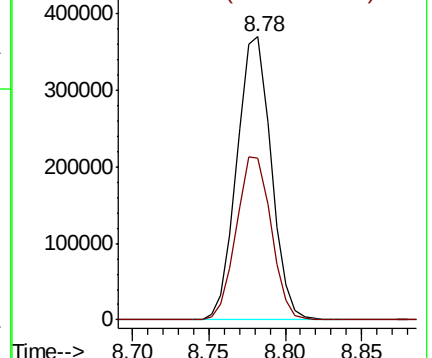
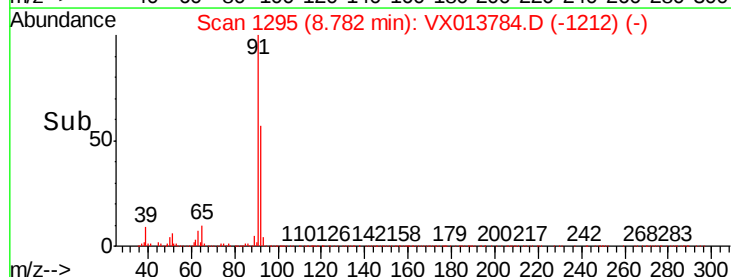
91 100

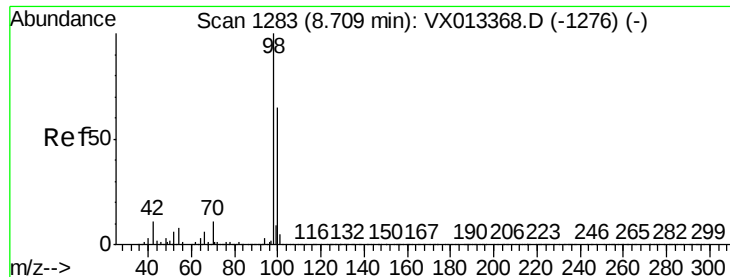
92 58.8 46.6 69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.579 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

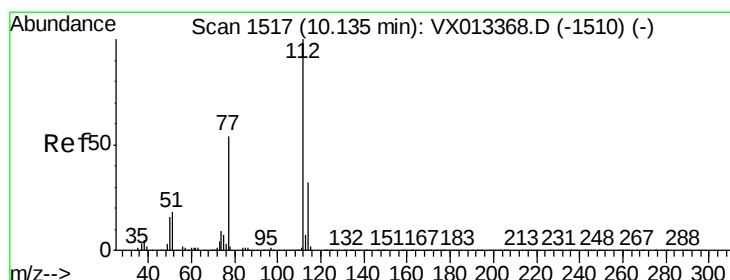
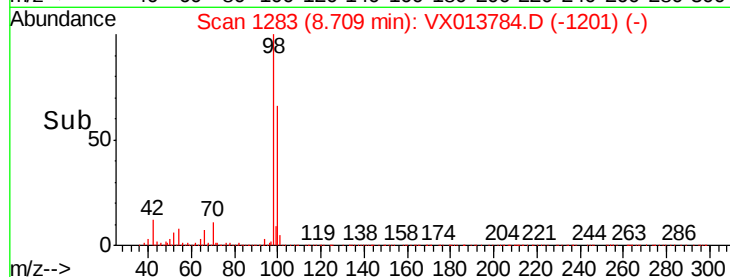
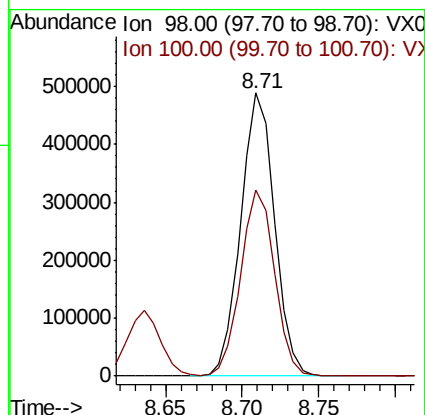
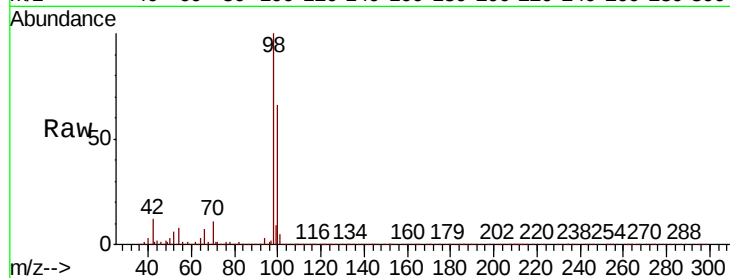
VSTDCCC020EC

Tot Ion: 98 Resp: 750232

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7



#64

Chlorobenzene

Concen: 18.575 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013784.D

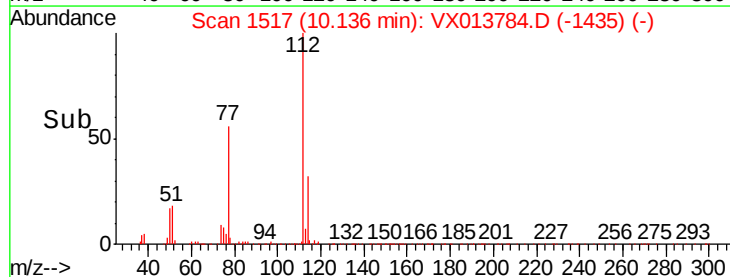
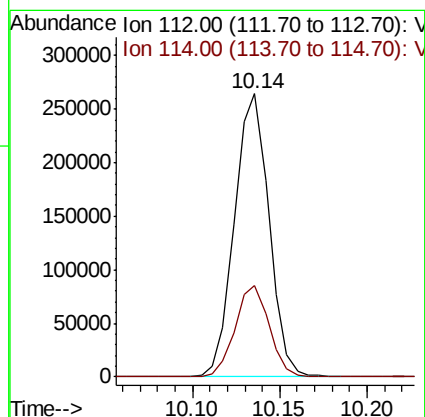
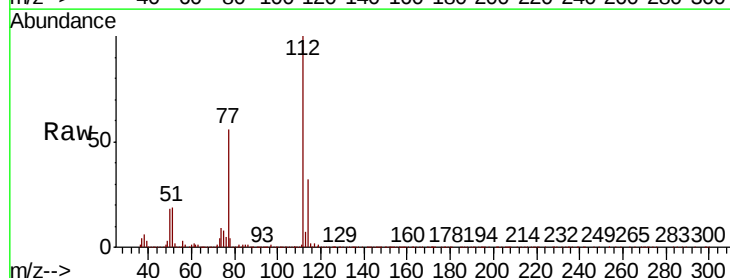
Acq: 05 Dec 2019 18:47

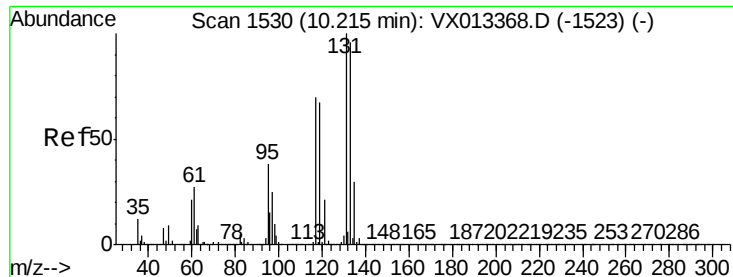
Tgt Ion: 112 Resp: 362866

Ion Ratio Lower Upper

112 100

114 32.4 25.7 38.5

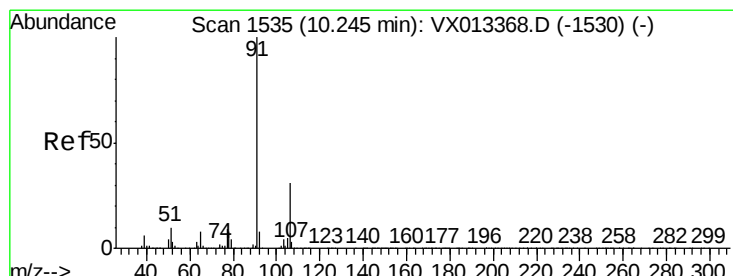
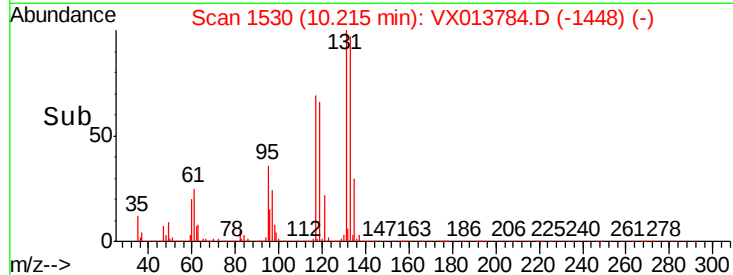
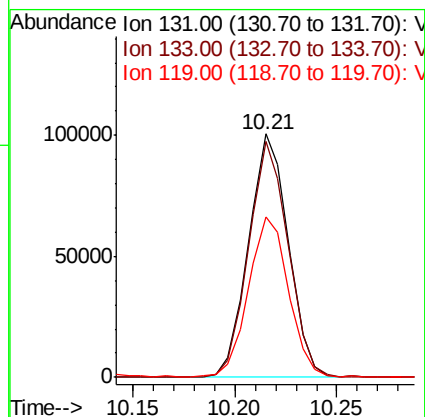
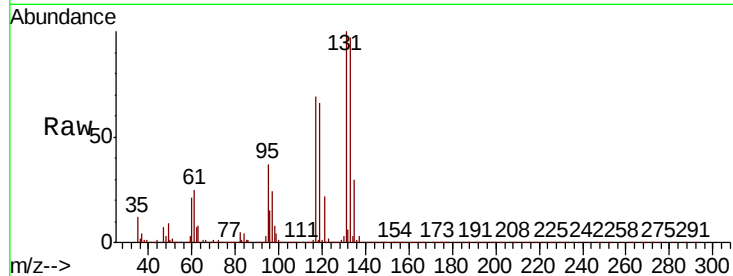




#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.652 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

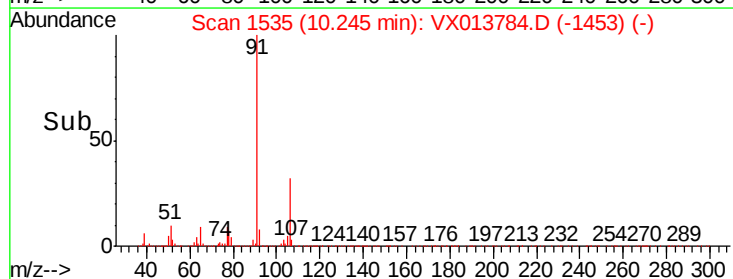
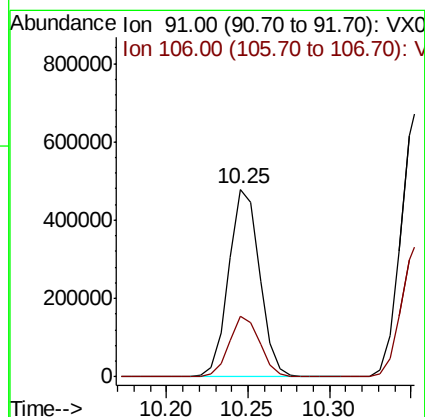
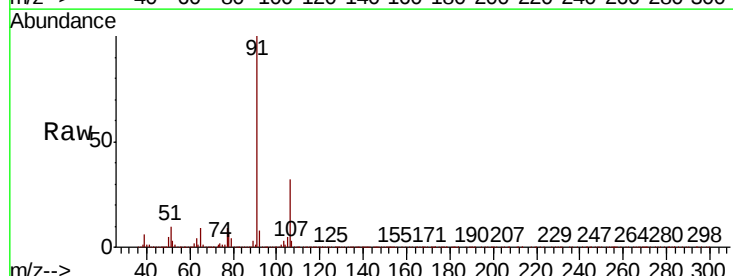
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

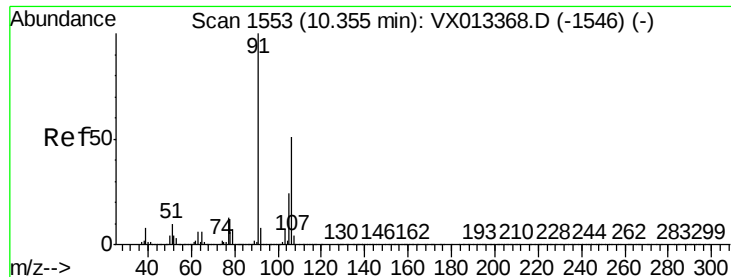
Tot Ion:131 Resp: 136391
 Ion Ratio Lower Upper
 131 100
 133 96.1 0.0 192.2
 119 66.0 0.0 134.4



#66
 Ethyl Benzene
 Concen: 18.384 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

Tgt Ion: 91 Resp: 630998
 Ion Ratio Lower Upper
 91 100
 106 32.3 25.0 37.4

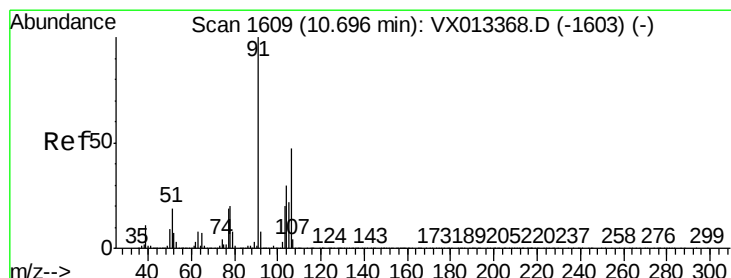
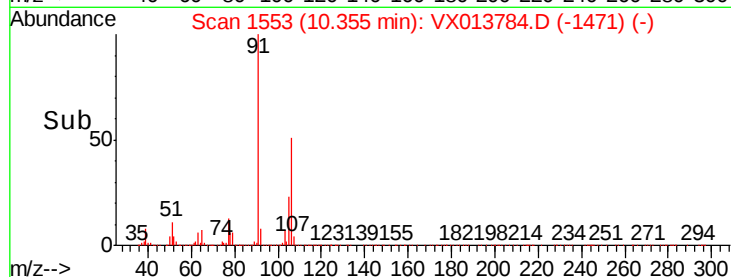
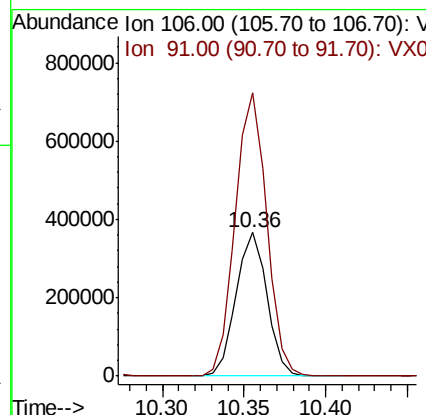
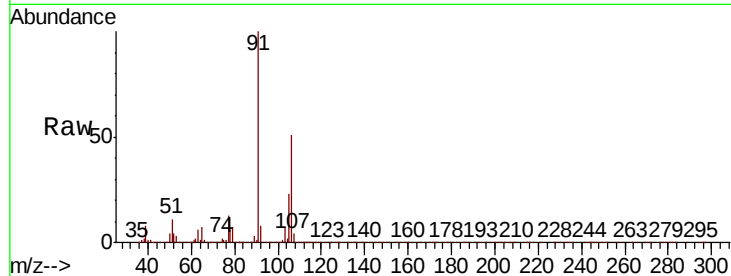




#67
m/p-Xylenes
Concen: 36.667 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

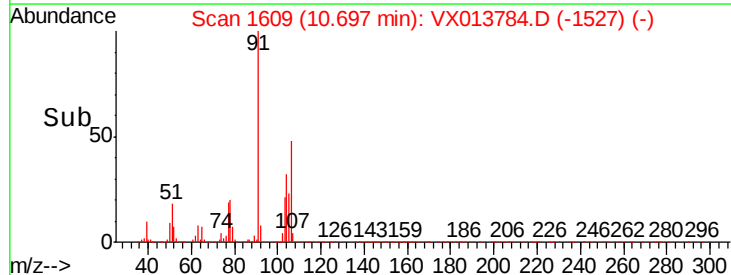
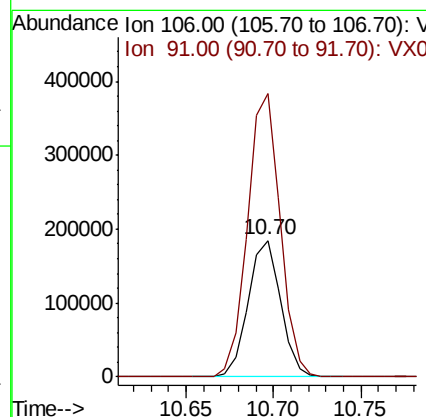
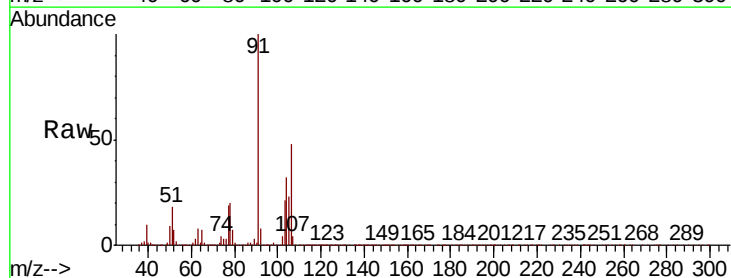
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

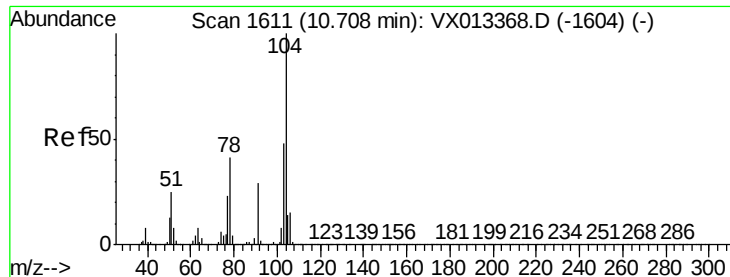
Tot Ion:106 Resp: 485469
Ion Ratio Lower Upper
106 100
91 200.0 158.4 237.6



#68
o-Xylene
Concen: 18.632 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion:106 Resp: 238074
Ion Ratio Lower Upper
106 100
91 208.2 106.4 319.2

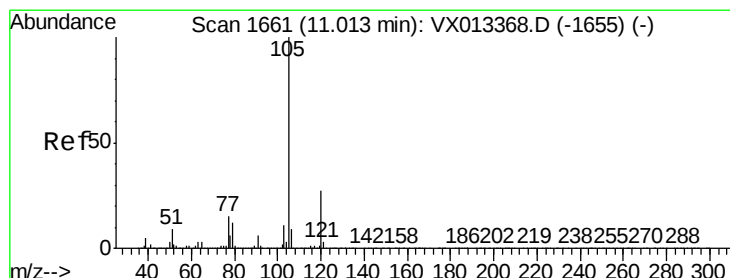
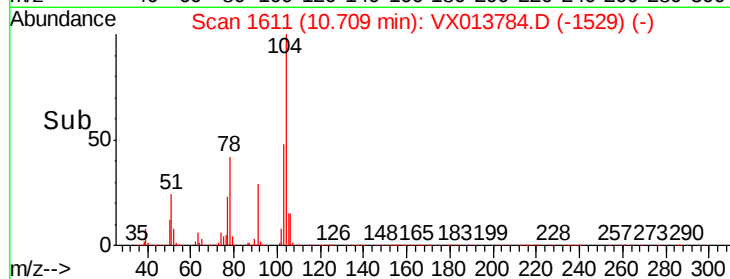
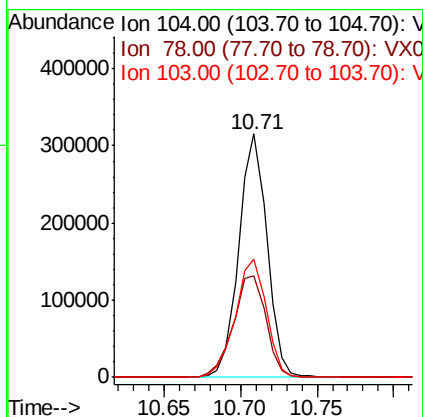
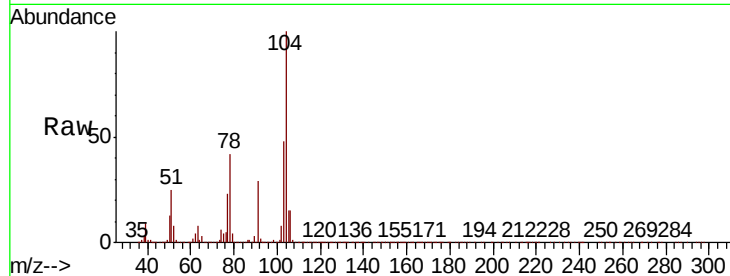




#69
Stvrene
Concen: 18.465 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

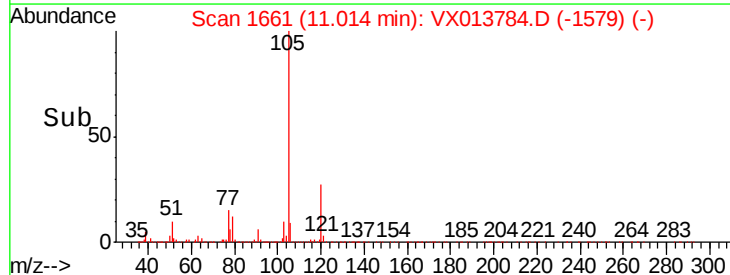
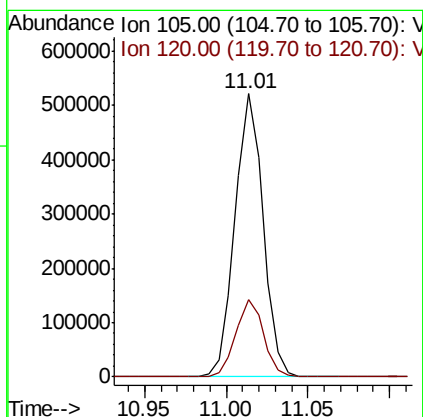
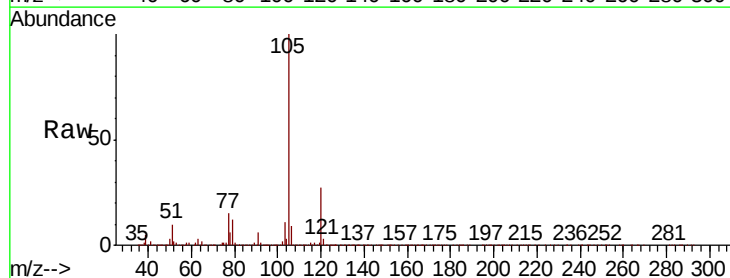
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

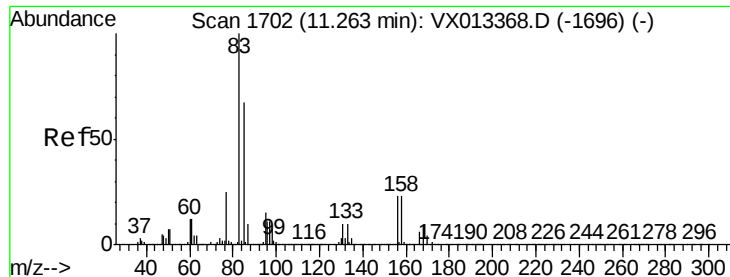
Tot Ion	Ratio	Lower	Upper
104	100		
78	48.2	38.2	57.4
103	53.9	43.2	64.8



#70
Isopropylbenzene
Concen: 18.605 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	18.8	34.8

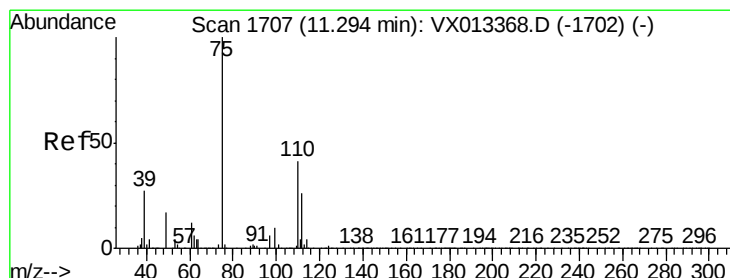
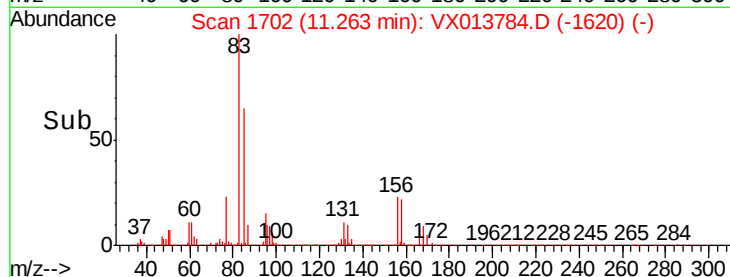
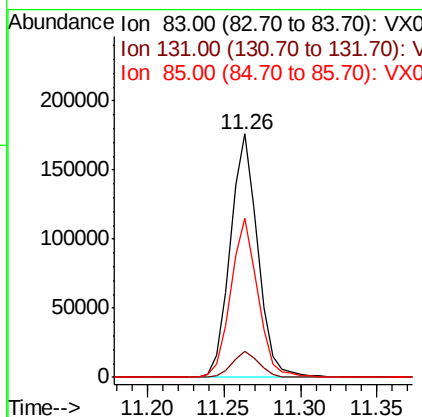
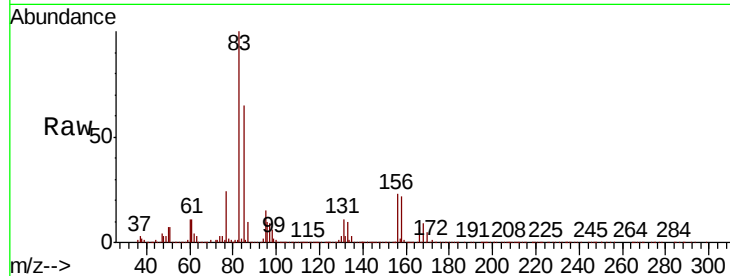




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.103 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

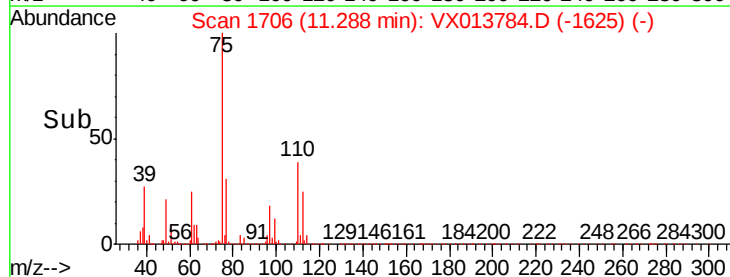
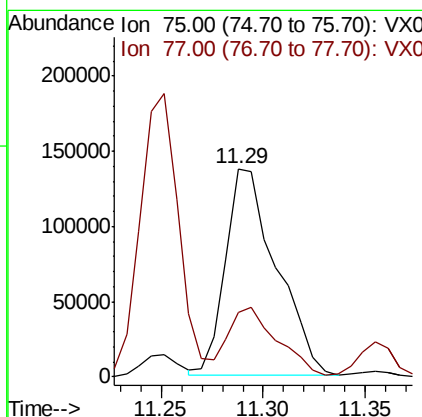
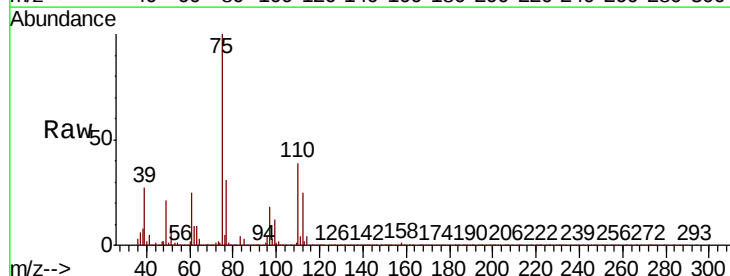
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

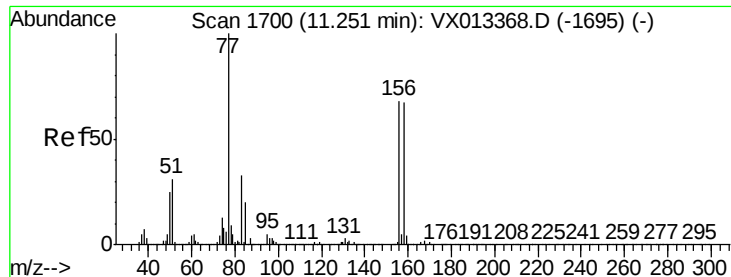
Tot Ion	83	Resp	218246
Ion Ratio	Lower	Upper	
83	100		
131	10.4	4.7	14.1
85	64.6	32.6	97.7



#72
 1,2,3-Trichloropropane
 Concen: 23.293 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

Tgt Ion	75	Resp	237109
Ion Ratio	Lower	Upper	
75	100		
77	31.9	0.0	86.2





#73

Bromobenzene

Concen: 18.508 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

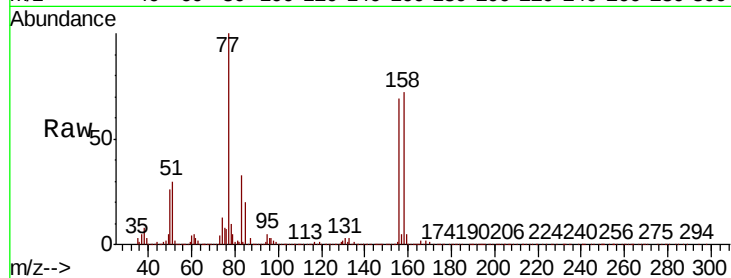
Tot Ion:156 Resp: 164336

Ion Ratio Lower Upper

156 100

77 150.2 0.0 308.8

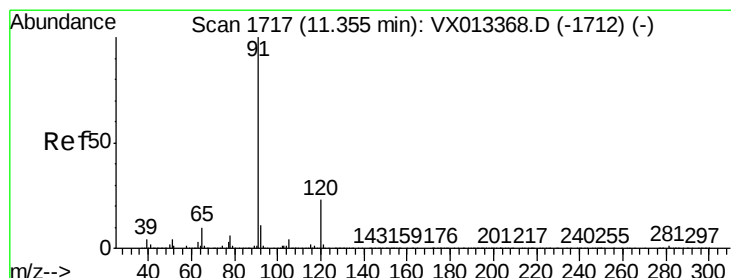
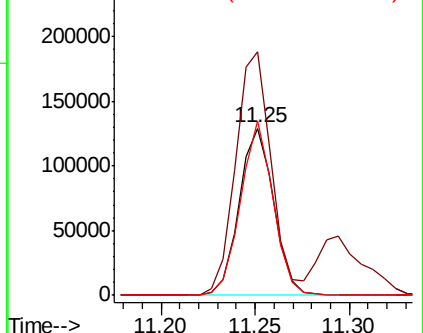
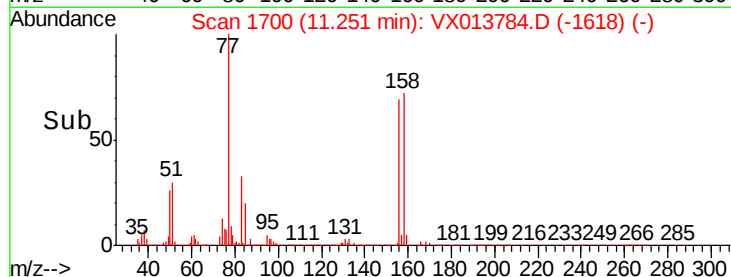
158 98.5 0.0 197.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.558 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013784.D

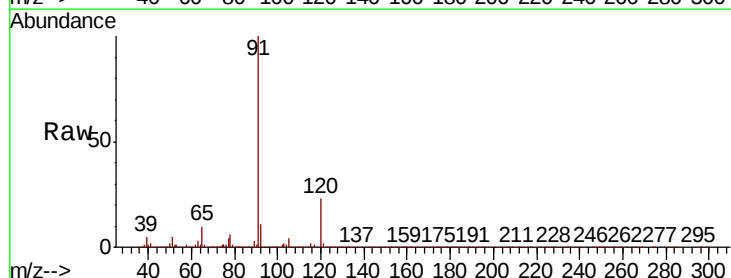
Acq: 05 Dec 2019 18:47

Tgt Ion: 91 Resp: 710082

Ion Ratio Lower Upper

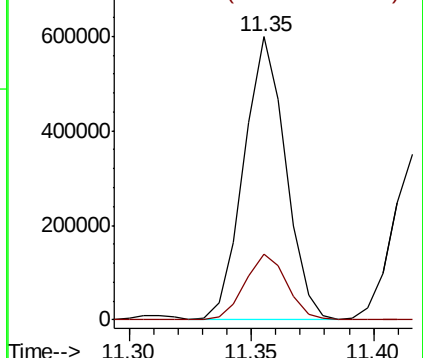
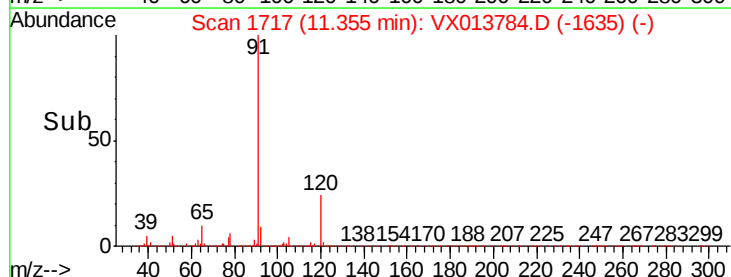
91 100

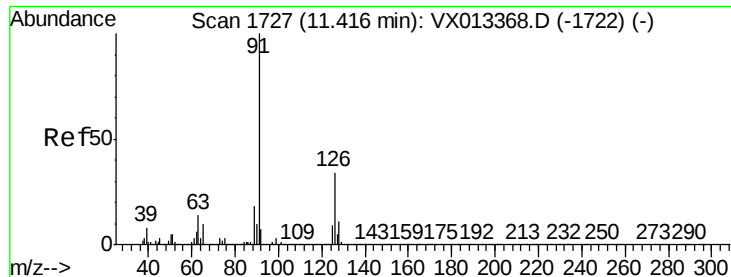
120 23.2 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.415 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

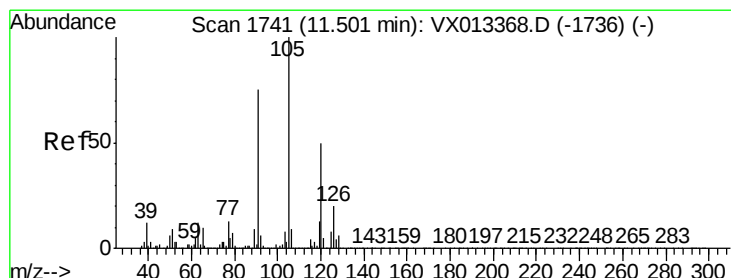
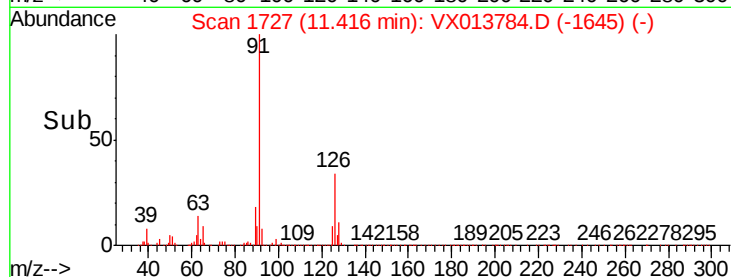
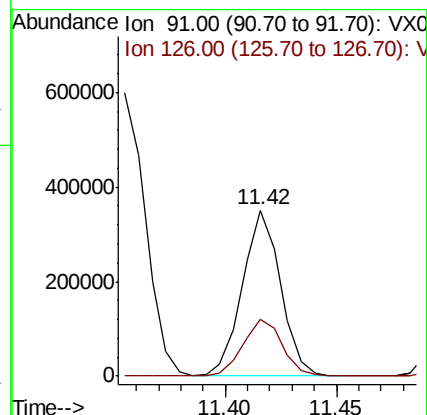
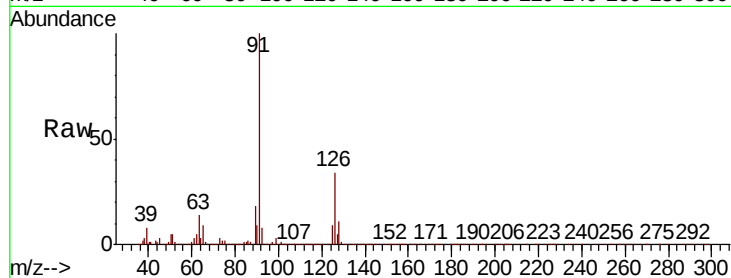
VSTDCCC020EC

Tot Ion: 91 Resp: 419003

Ion Ratio Lower Upper

91 100

126 35.2 0.0 69.0



#76

1,3,5-Trimethylbenzene

Concen: 18.398 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013784.D

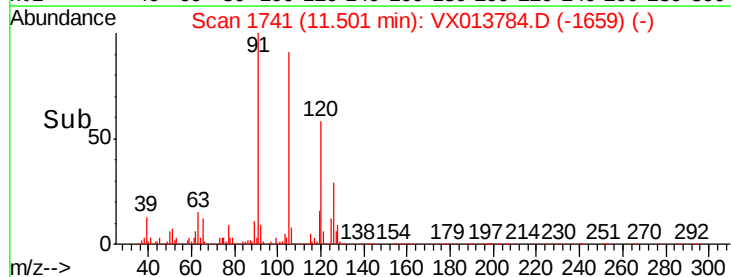
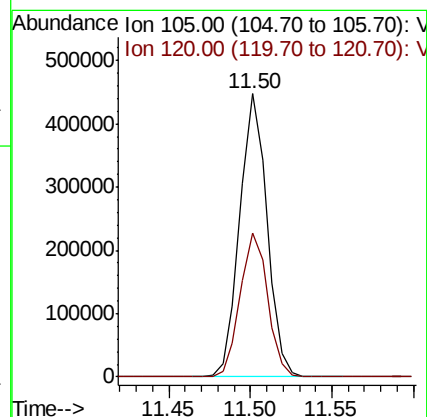
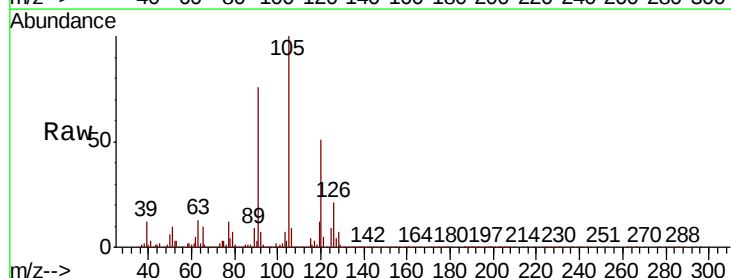
Acq: 05 Dec 2019 18:47

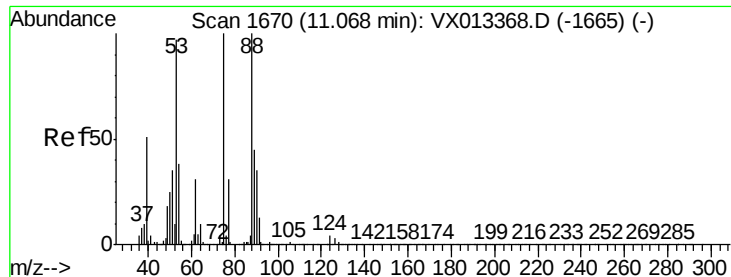
Tgt Ion: 105 Resp: 520680

Ion Ratio Lower Upper

105 100

120 51.5 0.0 100.0

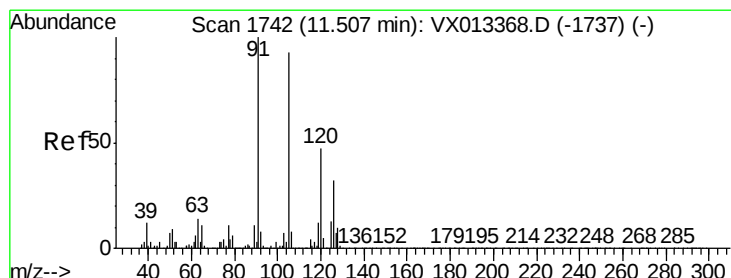
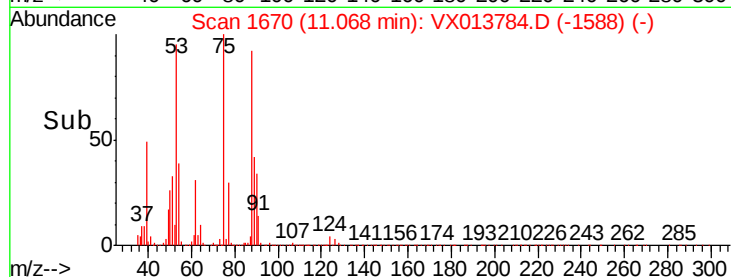
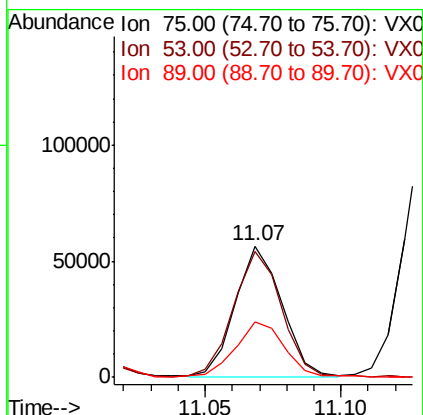
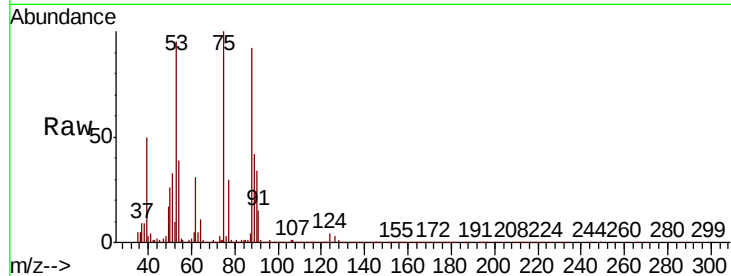




#77
t-1,4-Dichloro-2-butene
Concen: 16.431 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

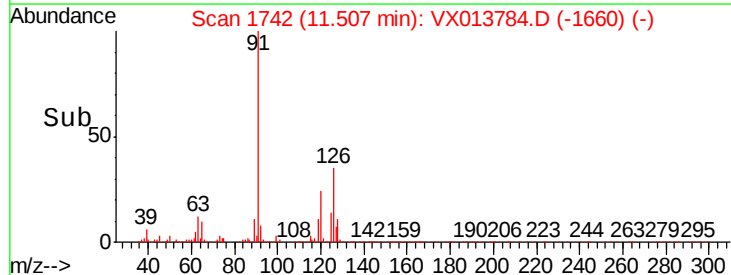
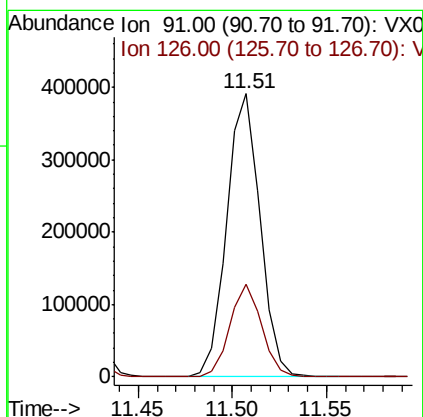
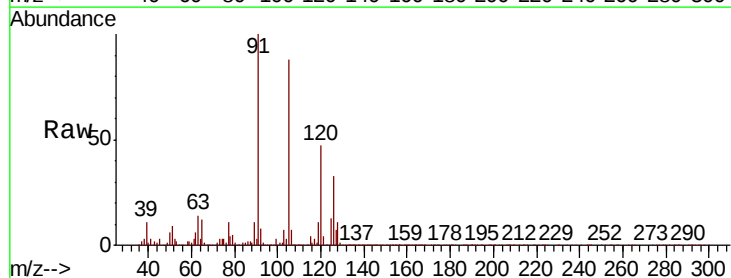
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

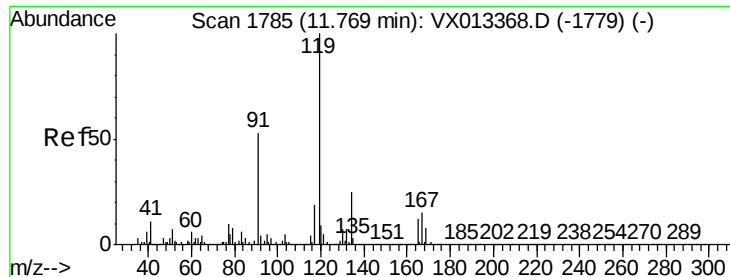
Tot Ion: 75 Resp: 67628
Ion Ratio Lower Upper
75 100
53 95.1 48.8 146.3
89 41.7 22.3 66.8



#78
4-Chlorotoluene
Concen: 18.338 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion: 91 Resp: 478057
Ion Ratio Lower Upper
91 100
126 31.2 0.0 61.0

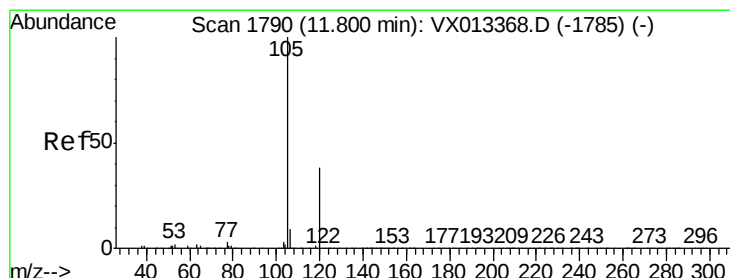
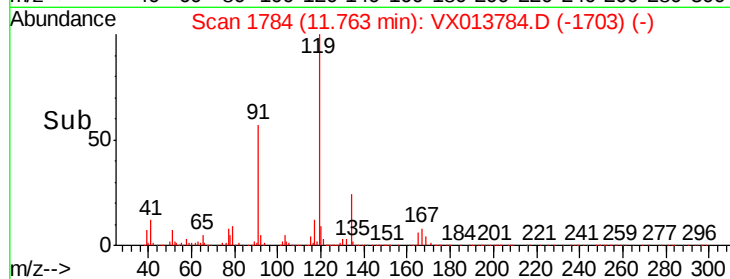
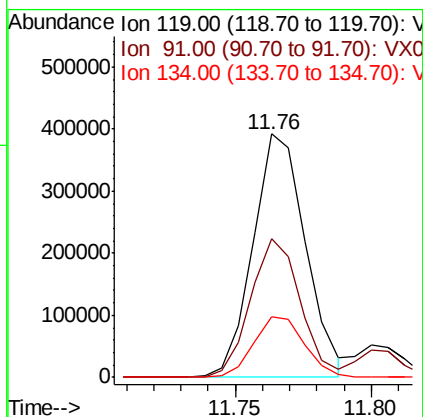
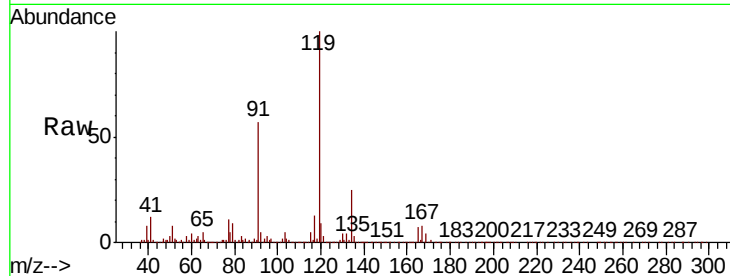




#79
tert-butylbenzene
Concen: 18.375 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

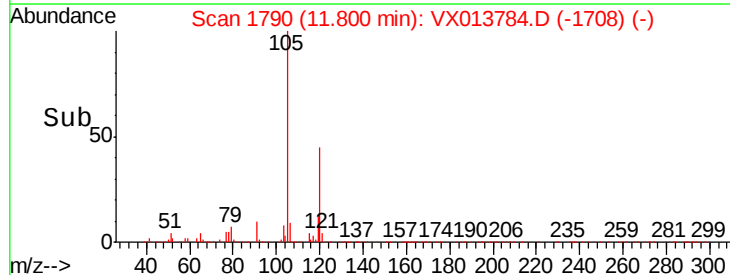
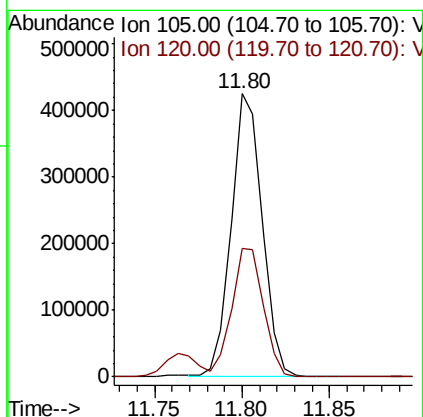
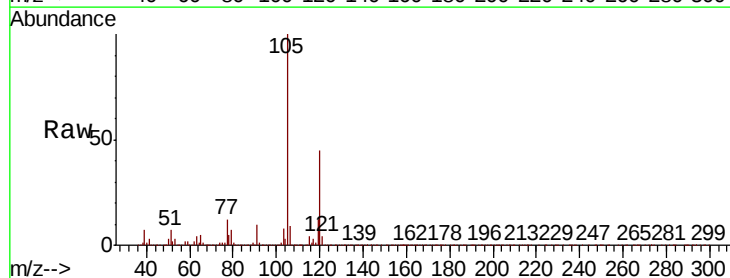
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

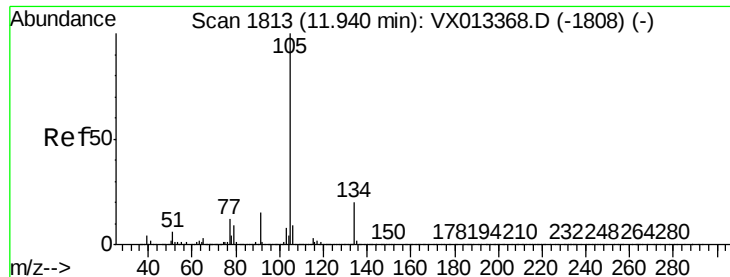
Tot Ion	Ratio	Lower	Upper
119	100		
91	54.1	0.0	109.6
134	24.2	0.0	47.8



#80
1,2,4-Trimethylbenzene
Concen: 18.529 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	0.0	94.0





#81

sec-Butylbenzene

Concen: 18.434 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

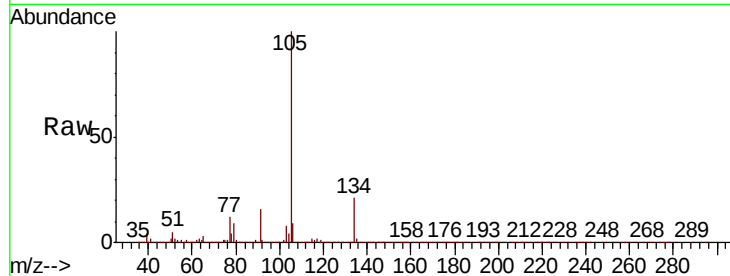
VSTDCCC020EC

Tot Ion:105 Resp: 600570

Ion Ratio Lower Upper

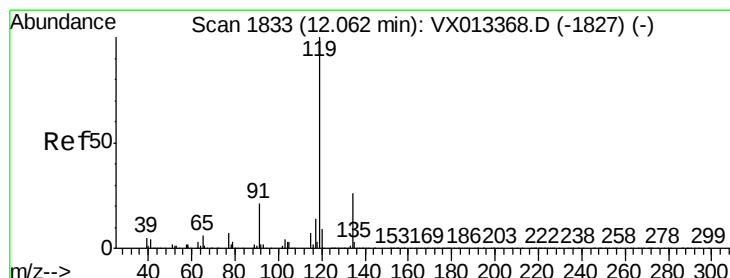
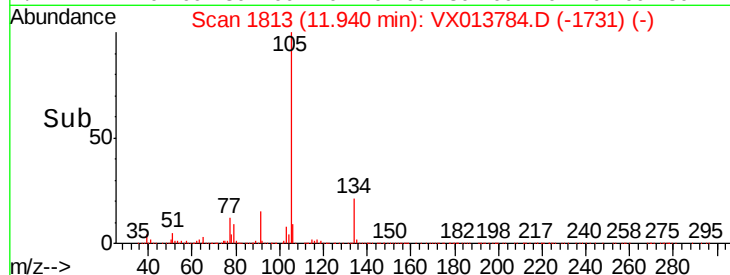
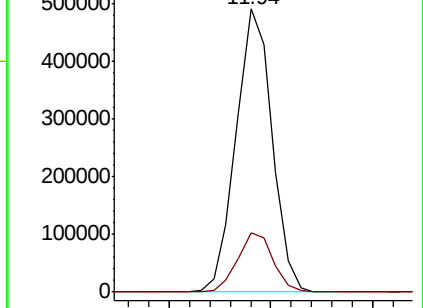
105 100

134 20.9 0.0 41.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.474 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

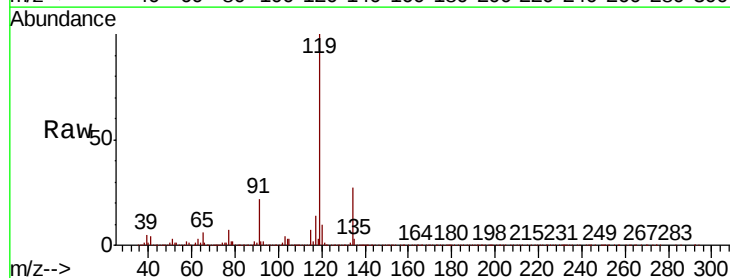
Tgt Ion:119 Resp: 554541

Ion Ratio Lower Upper

119 100

134 26.3 0.0 51.6

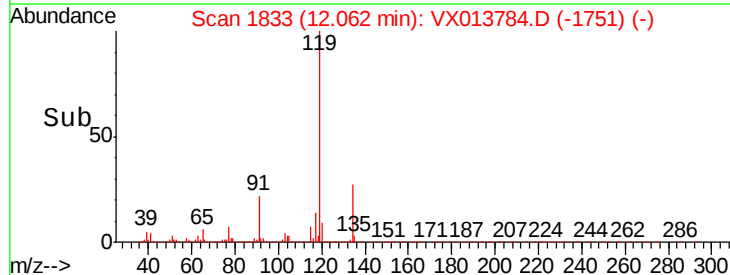
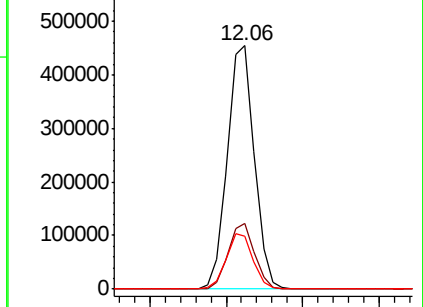
91 22.4 0.0 44.2

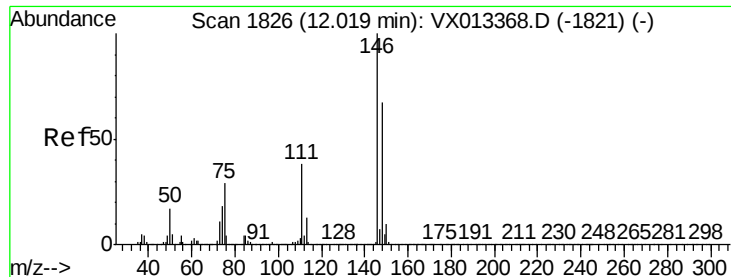


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#83

1,3-Dichlorobenzene

Concen: 18.498 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

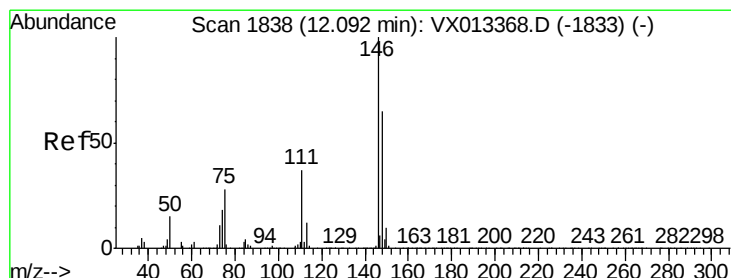
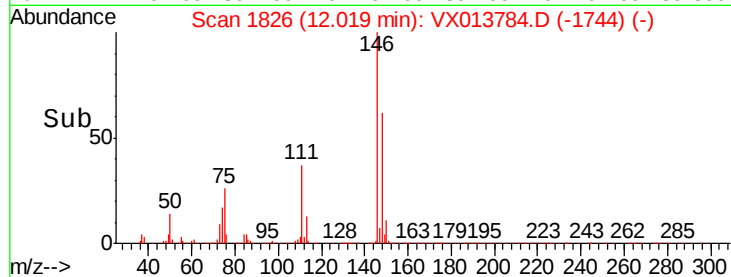
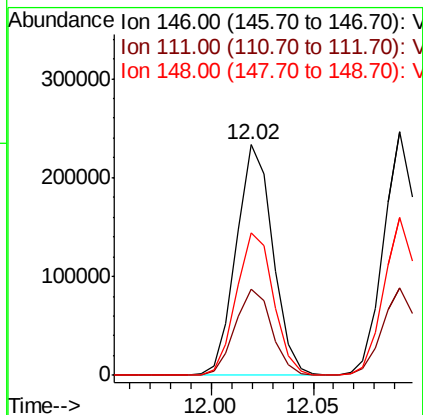
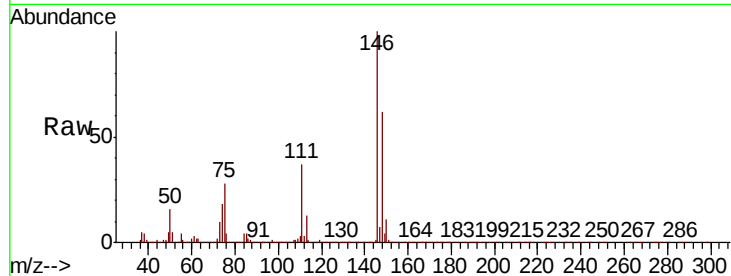
Tot Ion:146 Resp: 288765

Ion Ratio Lower Upper

146 100

111 37.7 18.8 56.3

148 63.4 32.3 96.9



#84

1,4-Dichlorobenzene

Concen: 18.469 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

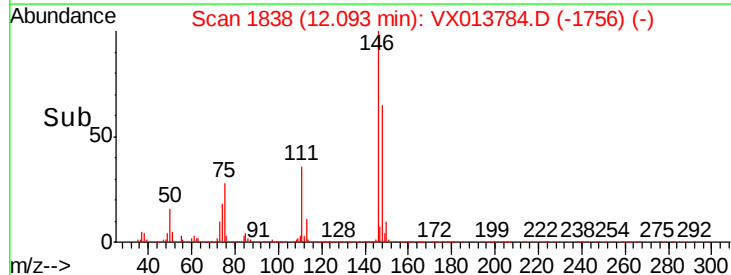
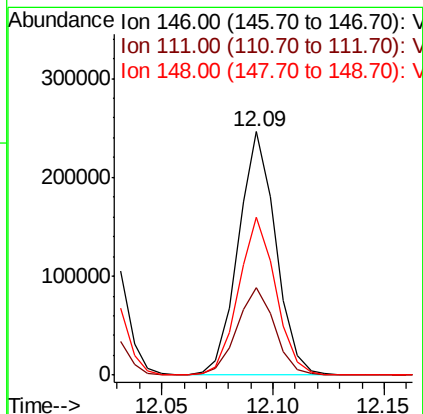
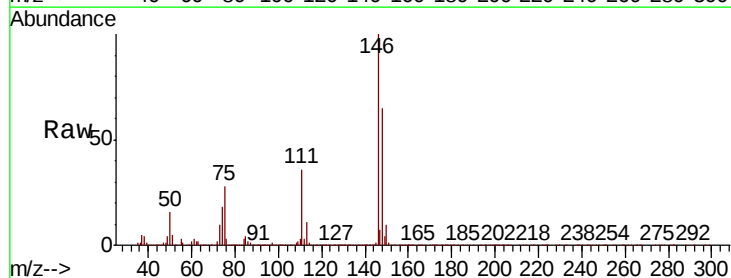
Tgt Ion:146 Resp: 286190

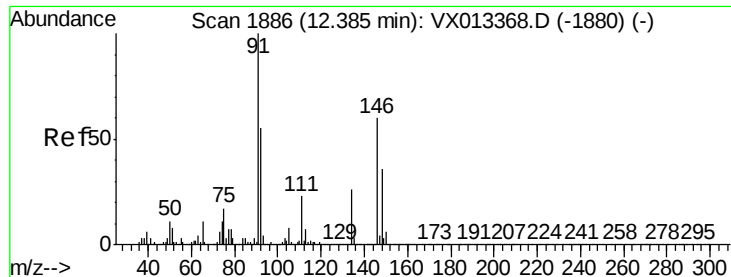
Ion Ratio Lower Upper

146 100

111 36.2 18.6 55.6

148 64.6 32.5 97.4

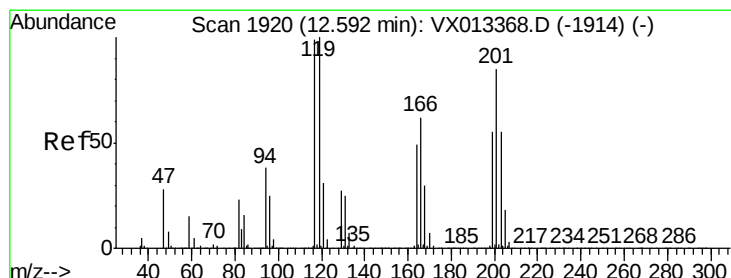
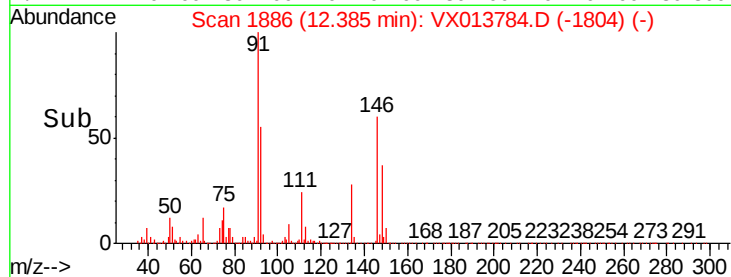
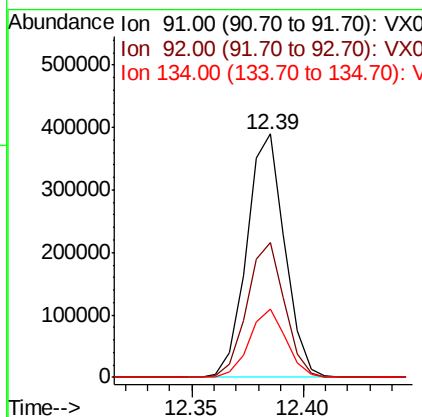
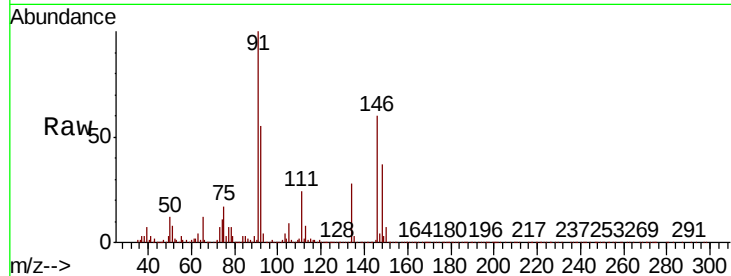




#85
n-Butylbenzene
Concen: 17.848 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

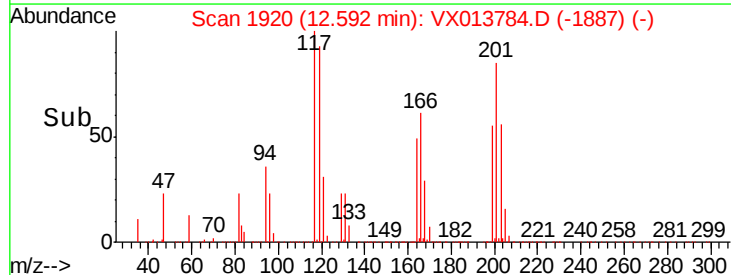
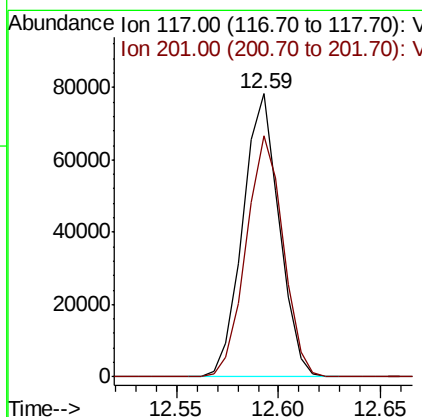
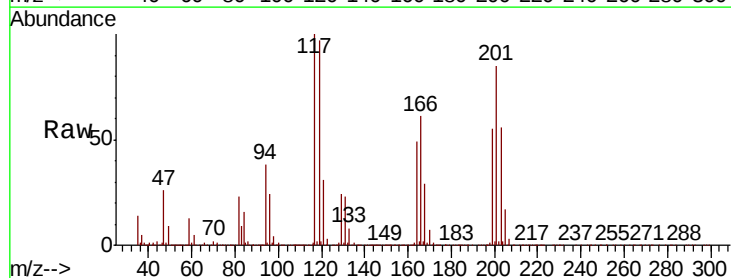
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

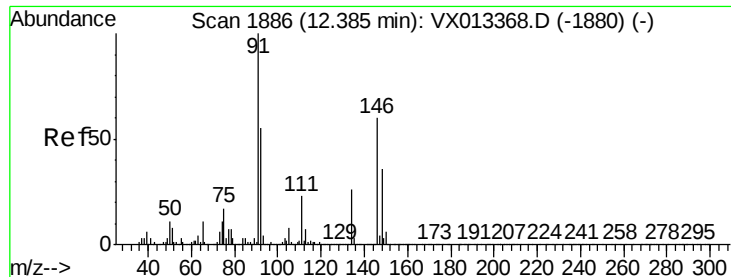
Tot Ion: 91 Resp: 462362
Ion Ratio Lower Upper
91 100
92 54.8 0.0 109.0
134 27.3 0.0 53.0



#86
Hexachloroethane
Concen: 17.612 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion: 117 Resp: 97011
Ion Ratio Lower Upper
117 100
201 87.1 44.5 133.3

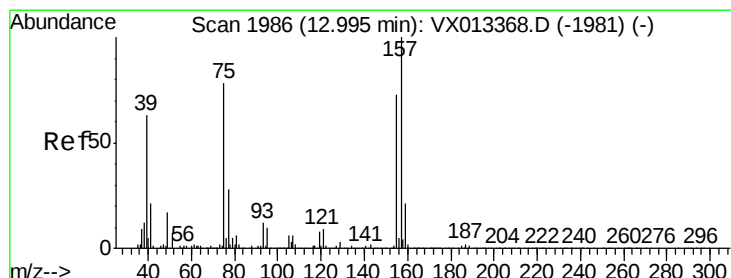
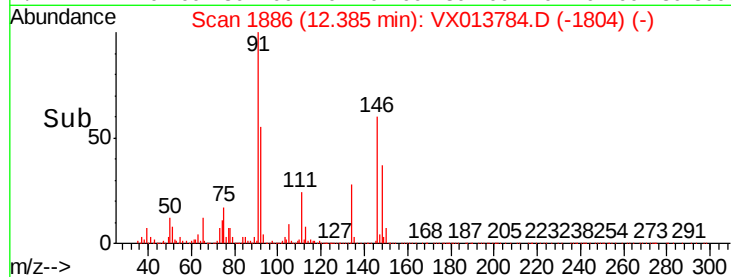
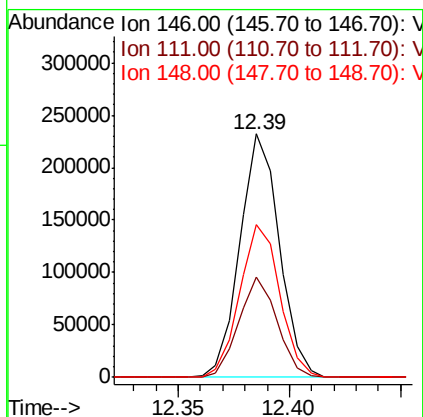
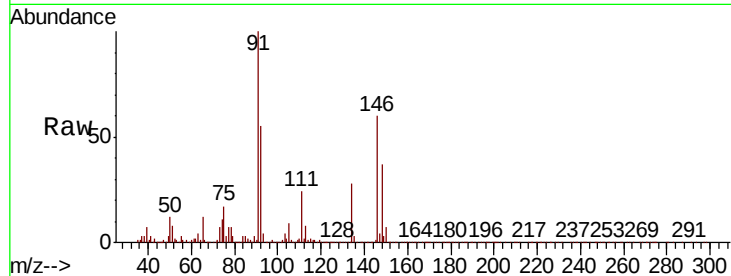




#87
 1,2-Dichlorobenzene
 Concen: 18.322 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

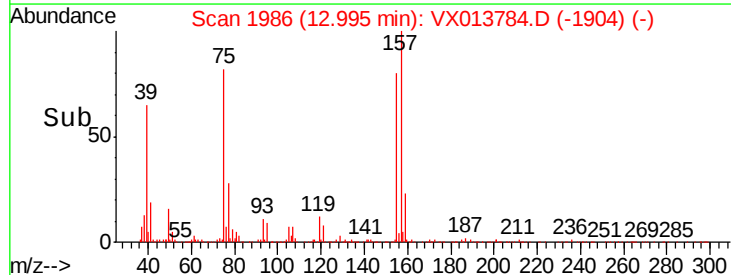
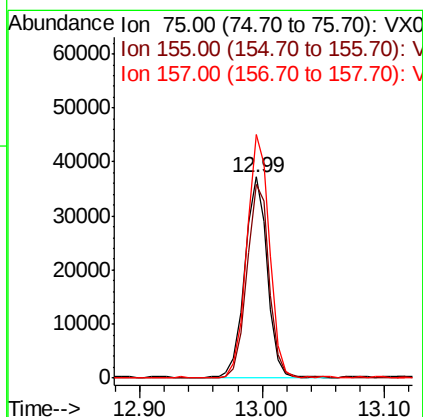
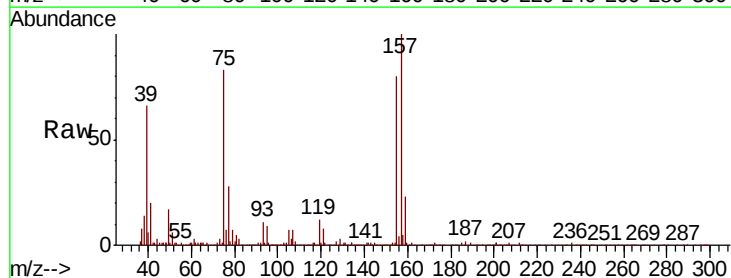
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

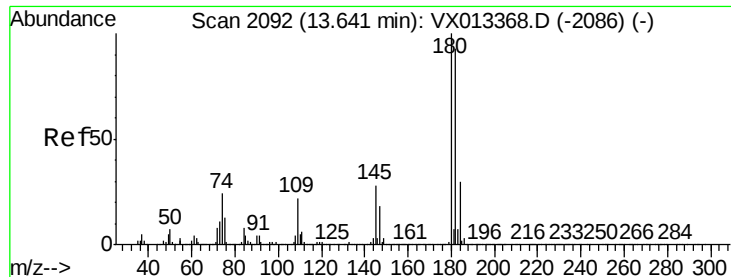
Tot Ion:146 Resp: 286009
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.6 58.7
 148 64.5 31.6 94.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.479 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

Tgt Ion: 75 Resp: 47125
 Ion Ratio Lower Upper
 75 100
 155 94.9 76.9 115.3
 157 121.9 101.2 151.8

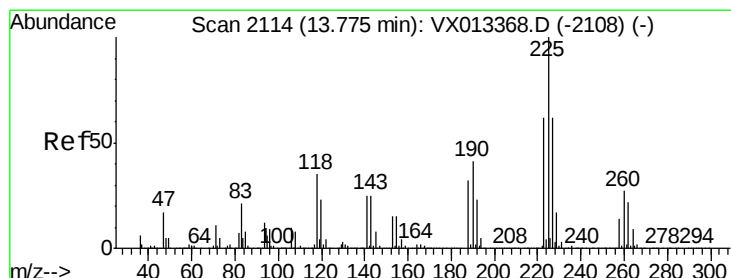
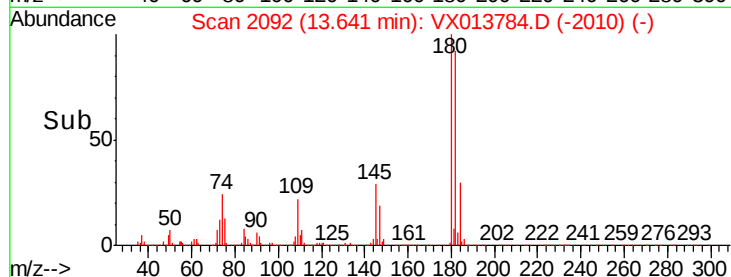
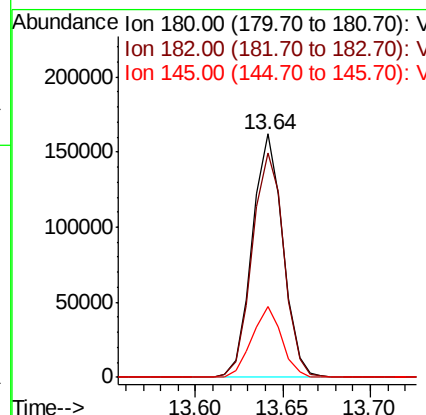
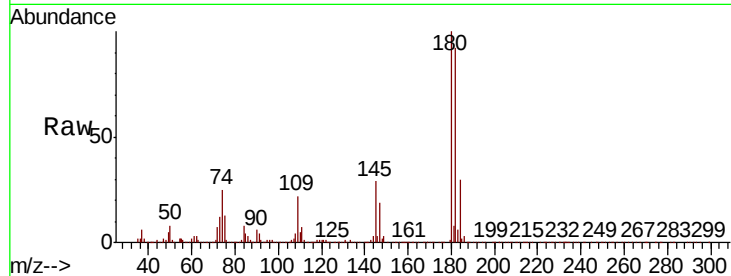




#89
 1,2,4-Trichlorobenzene
 Concen: 18.360 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

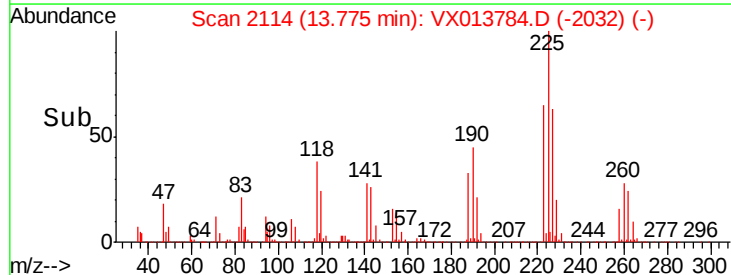
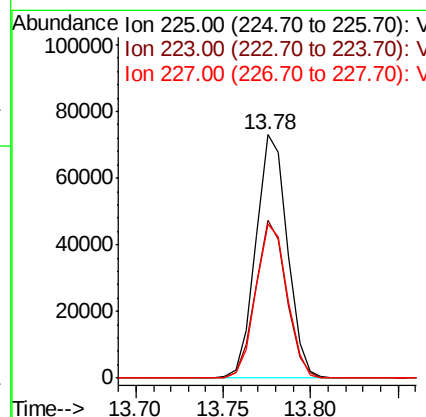
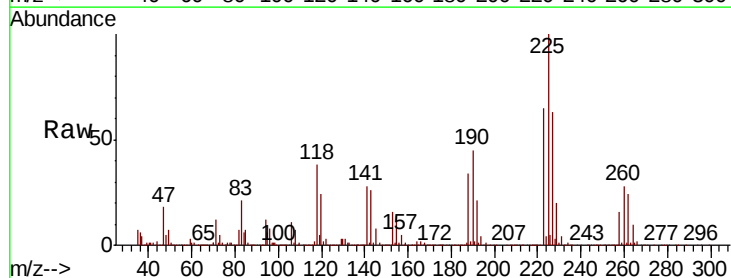
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	74.7	112.1
145	28.2	22.1	33.1



#90
 Hexachlorobutadiene
 Concen: 17.797 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	0.0	123.0
227	62.5	0.0	121.8

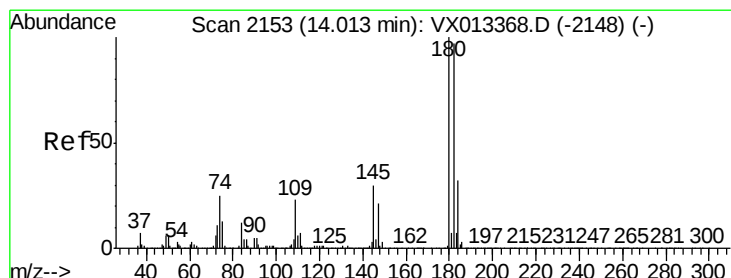
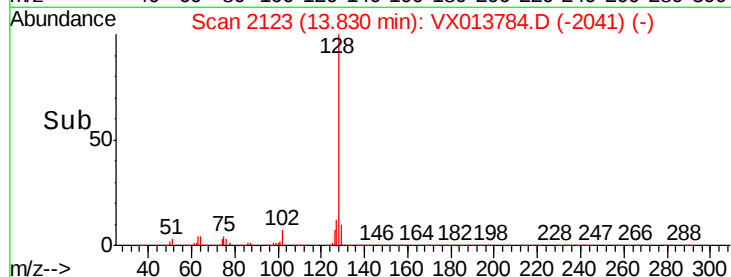
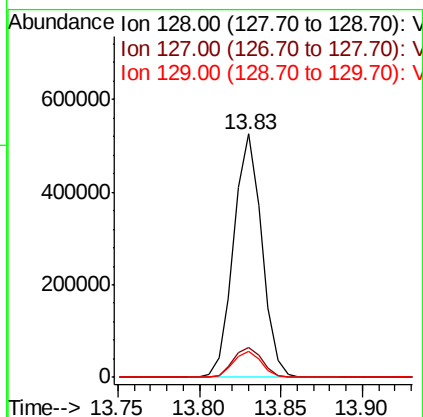
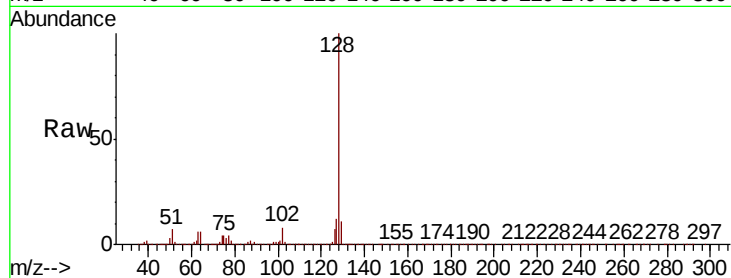




#91
Naphthalene
Concen: 18.521 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:128 Resp: 631151
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.7 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 18.816 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion:180 Resp: 204658
Ion Ratio Lower Upper
180 100
182 95.3 0.0 191.0
145 29.5 0.0 59.0

