

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021020\
 Data File : VX014880.D
 Acq On : 10 Feb 2020 11:24
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 10 11:45:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 11:22:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	442287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	659429	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	626921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	340371	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	497738	88.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	176.28%	
35) Dibromofluoromethane	5.49	113	414603	87.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	174.42%	
50) Toluene-d8	8.71	98	1584628	98.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.10%	
62) 4-Bromofluorobenzene	11.13	95	579892	106.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	451019	111.76	ug/l	99
3) Chloromethane	1.32	50	485091	104.16	ug/l	99
4) Vinyl Chloride	1.41	62	527329	104.69	ug/l	97
5) Bromomethane	1.63	94	365266	113.47	ug/l	99
6) Chloroethane	1.72	64	328613	99.80	ug/l	100
7) Trichlorofluoromethane	1.92	101	728044	102.68	ug/l	100
8) Diethyl Ether	2.18	74	297987	100.55	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	411758	98.31	ug/l	98
10) Methyl Iodide	2.50	142	495509	147.14	ug/l	99
11) Tert butyl alcohol	3.03	59	442049	512.92	ug/l	100
12) 1,1-Dichloroethene	2.37	96	415751	103.91	ug/l	96
13) Acrolein	2.28	56	339954	511.56	ug/l	98
14) Allyl chloride	2.72	41	728805	101.91	ug/l	99
15) Acrylonitrile	3.13	53	1141059	518.62	ug/l	99
16) Acetone	2.44	43	1348174	433.80	ug/l	98
17) Carbon Disulfide	2.56	76	1180696	106.58	ug/l	99
18) Methyl Acetate	2.76	43	524592	106.84	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	1370634	105.82	ug/l	99
20) Methylene Chloride	2.85	84	456982	92.74	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	449315	100.79	ug/l	98
22) Diisopropyl ether	3.84	45	1405340	103.64	ug/l	95
23) Vinyl Acetate	3.81	43	5736669	511.03	ug/l	100
24) 1,1-Dichloroethane	3.69	63	786210	102.07	ug/l	99
25) 2-Butanone	4.66	43	1735571	515.81	ug/l	99
26) 2,2-Dichloropropane	4.58	77	672826	101.37	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	513184	103.78	ug/l	98
28) Bromochloromethane	5.01	49	316530	122.52	ug/l	100
29) Tetrahydrofuran	5.11	42	1013462	538.50	ug/l	100
30) Chloroform	5.20	83	785044	102.50	ug/l	100
31) Cyclohexane	5.58	56	713946	105.82	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	695396	105.10	ug/l	99
36) 1,1-Dichloropropene	5.79	75	614358	105.99	ug/l	100
37) Ethyl Acetate	4.82	43	638307	105.43	ug/l	100
38) Carbon Tetrachloride	5.78	117	607355	108.34	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	755371	103.30	ug/l	100
40) Benzene	6.14	78	1796583	102.49	ug/l	99
41) Methacrylonitrile	5.03	41	354647	111.02	ug/l	99
42) 1,2-Dichloroethane	6.19	62	638384	99.81	ug/l	99
43) Isopropyl Acetate	6.43	43	1066093	108.15	ug/l	100
44) Trichloroethene	7.21	130	520501	102.38	ug/l	98
45) 1,2-Dichloropropane	7.51	63	460119	103.21	ug/l	99
46) Dibromomethane	7.65	93	312619	102.22	ug/l	99
47) Bromodichloromethane	7.89	83	636823	106.81	ug/l	98
48) Methyl methacrylate	7.76	41	540140	113.07	ug/l	99
49) 1,4-Dioxane	7.73	88	186832	2018.32	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	3210609	538.12	ug/l	99
52) Toluene	8.78	92	1157308	104.71	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	722110	113.44	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	780002	109.08	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	464201	103.60	ug/l	98
56) Ethyl methacrylate	9.17	69	742295	115.23	ug/l	99
57) 1,3-Dichloropropane	9.37	76	774815	102.47	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1872105	536.73	ug/l	100
59) 2-Hexanone	9.49	43	2549955	547.67	ug/l	98
60) Dibromochloromethane	9.58	129	531276	114.29	ug/l	98
61) 1,2-Dibromoethane	9.67	107	495509	102.20	ug/l	100
64) Tetrachloroethene	9.33	164	619099	107.72	ug/l	99
65) Chlorobenzene	10.14	112	1275492	100.45	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	479320	106.22	ug/l	99
67) Ethyl Benzene	10.25	91	2224271	104.62	ug/l	100
68) m/p-Xylenes	10.36	106	1721510	210.81	ug/l	98
69) o-Xylene	10.70	106	824445	105.36	ug/l	100
70) Styrene	10.71	104	1448979	111.63	ug/l	100
71) Bromoform	10.85	173	426404	117.98	ug/l	100
73) Isopropylbenzene	11.01	105	2172555	102.29	ug/l	100
74) N-amyl acetate	10.89	43	974381	116.32	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	686924	98.22	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	830611	112.90	ug/l	91
77) Bromobenzene	11.25	156	597062	100.10	ug/l	98
78) n-propylbenzene	11.35	91	2530846	103.42	ug/l	99
79) 2-Chlorotoluene	11.42	91	1465773	101.23	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1865751	107.10	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	258127	125.55	ug/l	99
82) 4-Chlorotoluene	11.51	91	1742852	102.29	ug/l	99
83) tert-Butylbenzene	11.76	119	1693719	101.45	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1859619	105.34	ug/l	99
85) sec-Butylbenzene	11.94	105	2165532	104.66	ug/l	100
86) p-Isopropyltoluene	12.06	119	2023283	104.94	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1066197	100.06	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	1069172	100.06	ug/l	99
89) n-Butylbenzene	12.39	91	1856896	108.80	ug/l	99
90) Hexachloroethane	12.59	117	367848	111.95	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	1057488	101.53	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	158144	95.49	ug/l	98

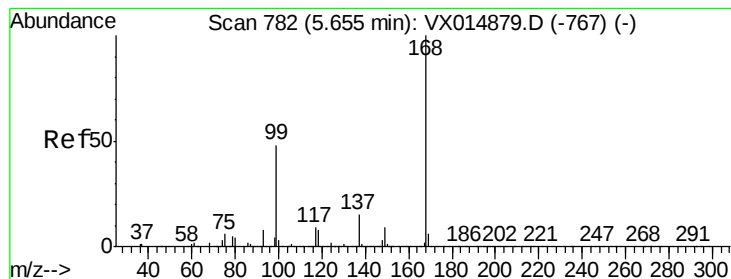
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021020\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	801177	105.95	ug/l	98
94) Hexachlorobutadiene	13.78	225	371611	99.80	ug/l	97
95) Naphthalene	13.83	128	2264855	115.76	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	772830	105.44	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

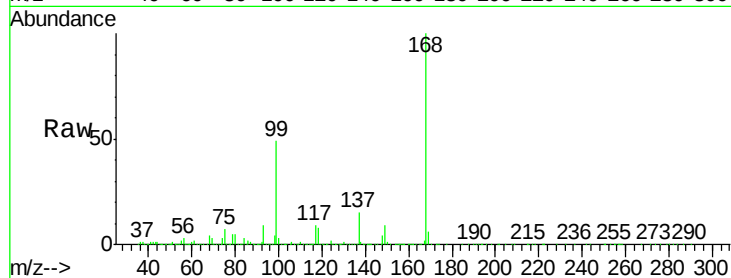
VSTDIC100

Tgt Ion:168 Resp: 442287

Ion Ratio Lower Upper

168 100

99 49.1 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

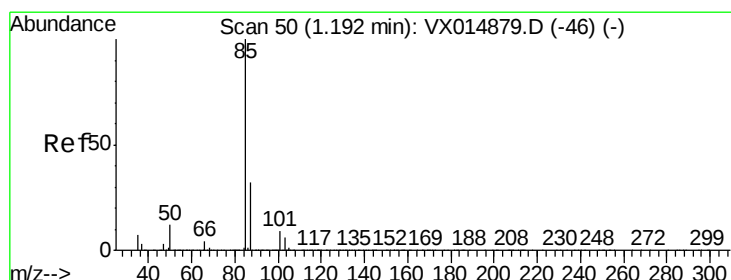
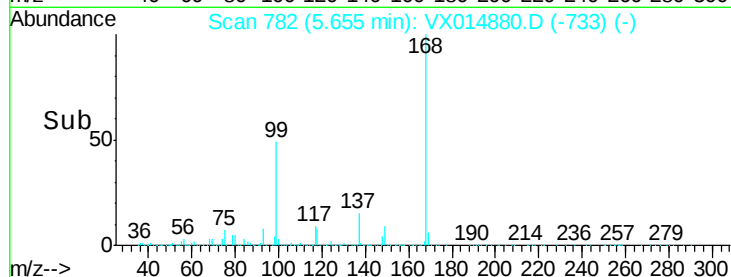
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 111.76 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014880.D

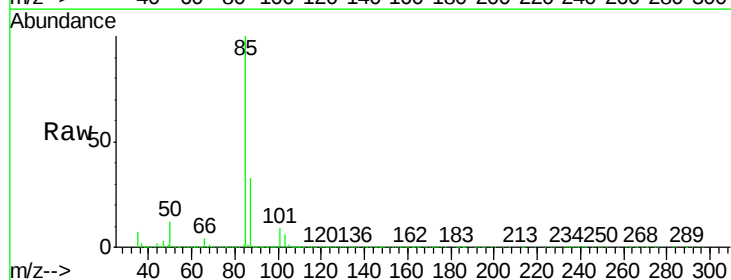
Acq: 10 Feb 2020 11:24

Tgt Ion: 85 Resp: 451019

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

500000

400000

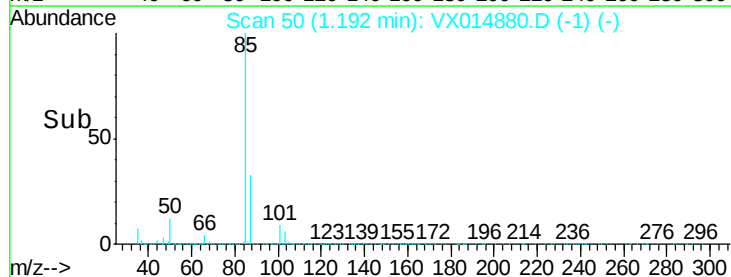
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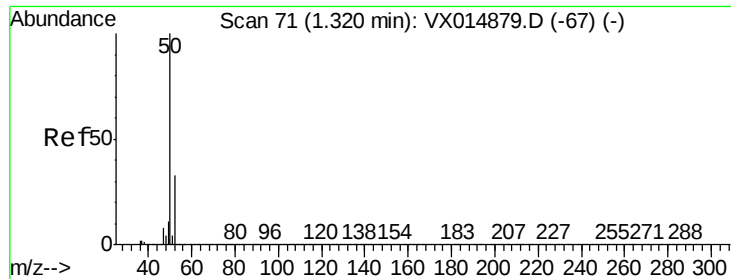
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Time-->

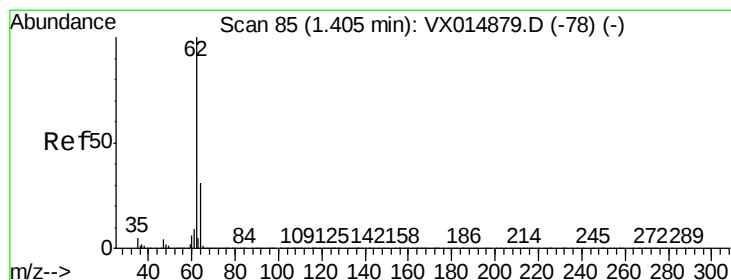
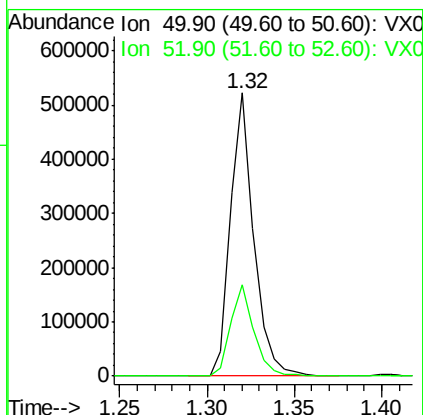
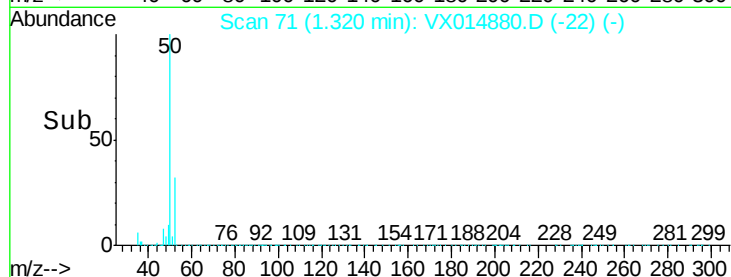
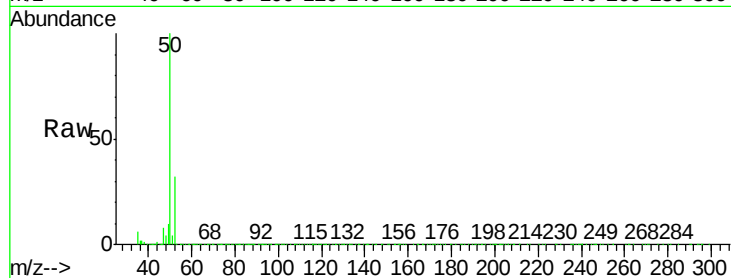




#3
Chloromethane
Concen: 104.16 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

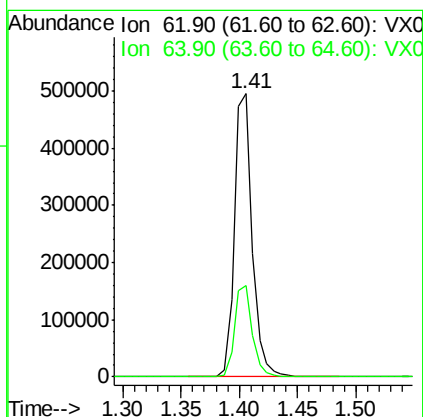
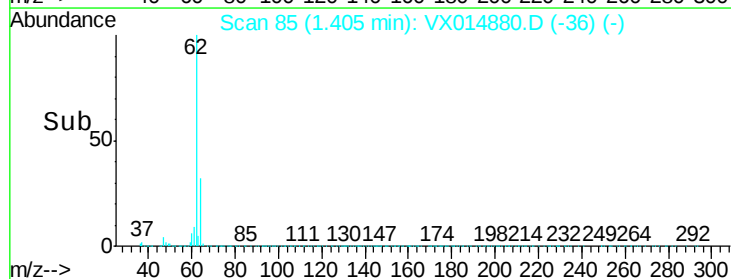
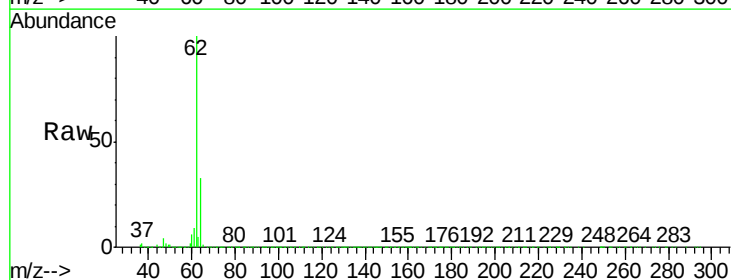
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

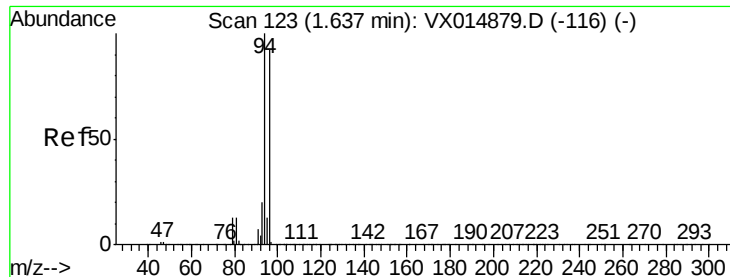
Tgt Ion: 50 Resp: 485091
Ion Ratio Lower Upper
50 100
52 32.2 26.2 39.2



#4
Vinyl Chloride
Concen: 104.69 ug/l
RT: 1.41 min Scan# 85
Delta R.T. 0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

Tgt Ion: 62 Resp: 527329
Ion Ratio Lower Upper
62 100
64 32.5 24.8 37.2





#5

Bromomethane

Concen: 113.47 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

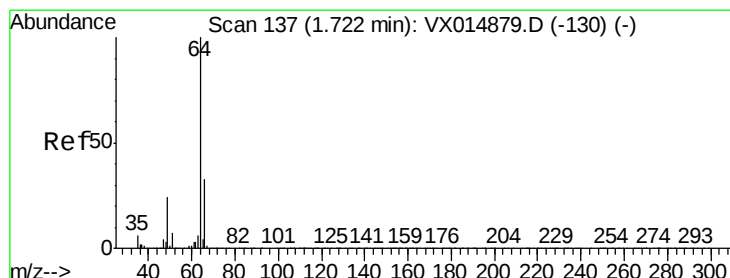
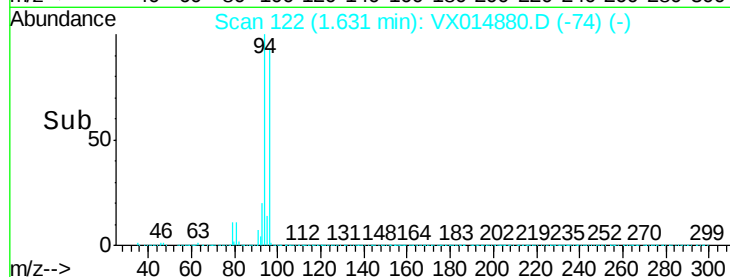
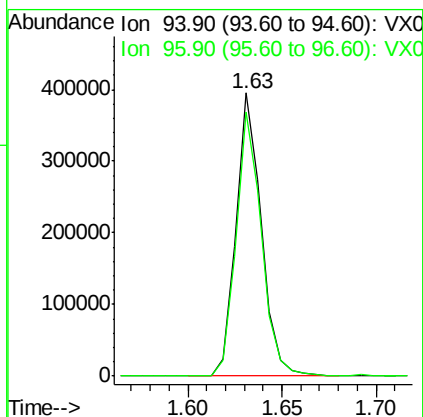
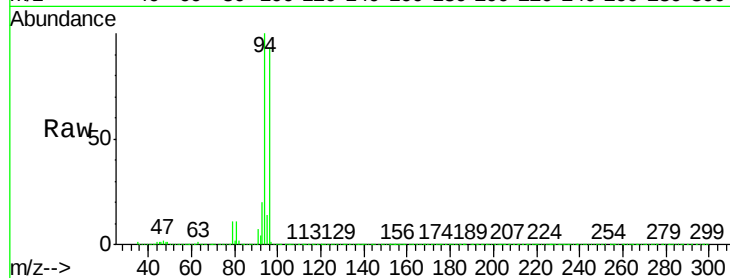
VSTDIC100

Tgt Ion: 94 Resp: 365266

Ion Ratio Lower Upper

94 100

96 93.2 73.7 110.5



#6

Chloroethane

Concen: 99.80 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014880.D

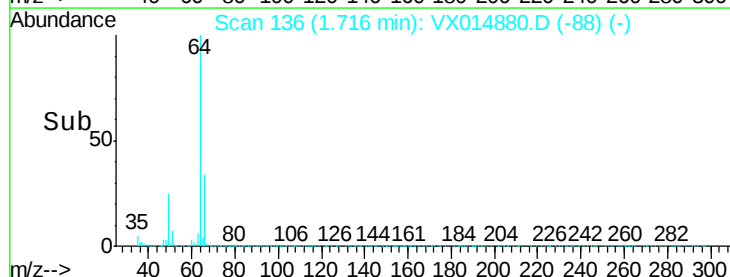
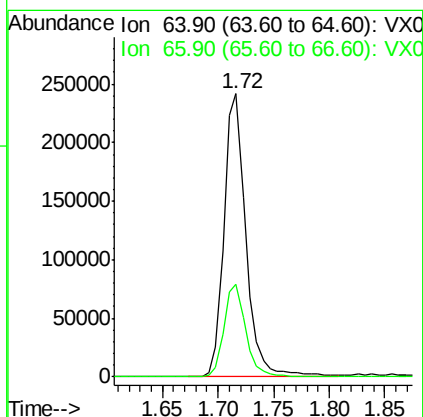
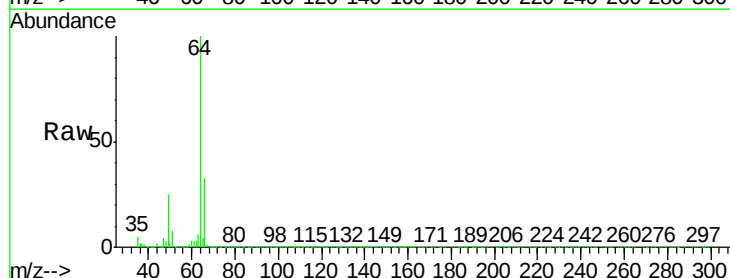
Acq: 10 Feb 2020 11:24

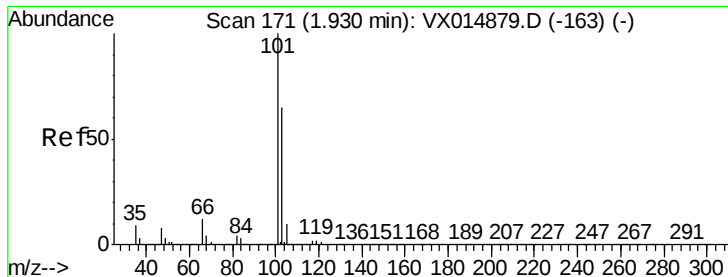
Tgt Ion: 64 Resp: 328613

Ion Ratio Lower Upper

64 100

66 32.6 26.2 39.4



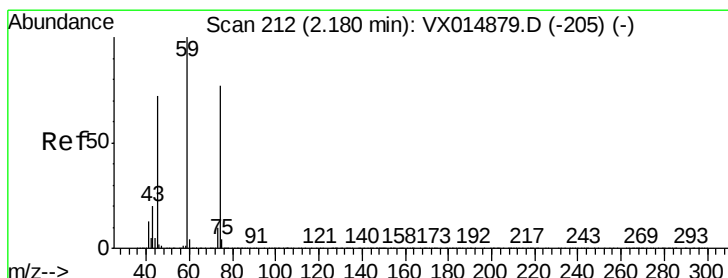
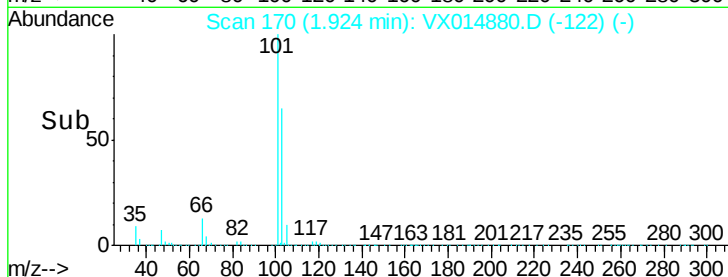
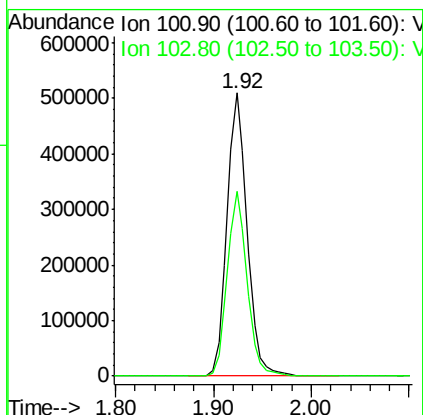
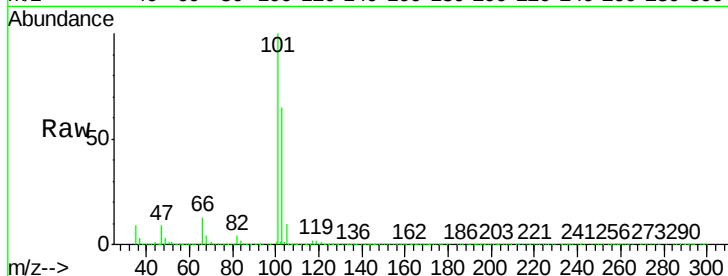


#7

Trichlorofluoromethane
 Concen: 102.68 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. -0.01 min
 Lab File: VX014880.D
 Acq: 10 Feb 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

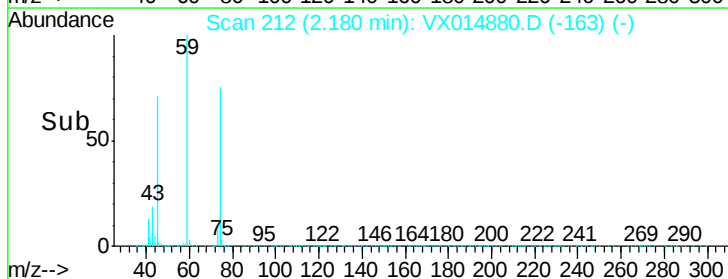
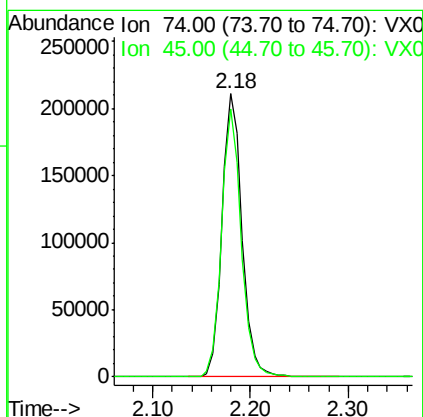
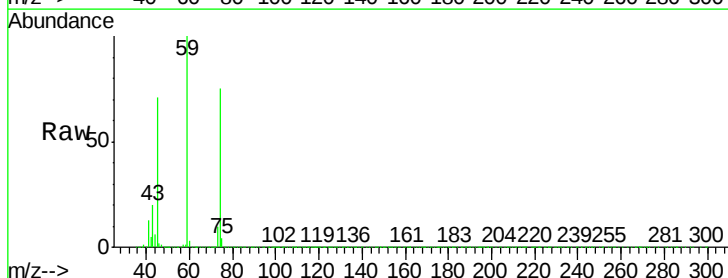
Tgt Ion: 101 Resp: 728044
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.2 78.4

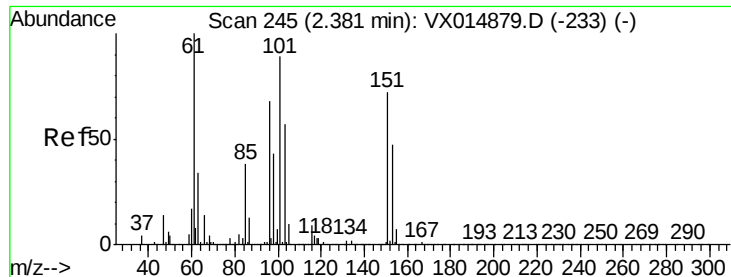


#8

Diethyl Ether
 Concen: 100.55 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX014880.D
 Acq: 10 Feb 2020 11:24

Tgt Ion: 74 Resp: 297987
 Ion Ratio Lower Upper
 74 100
 45 92.9 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.31 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

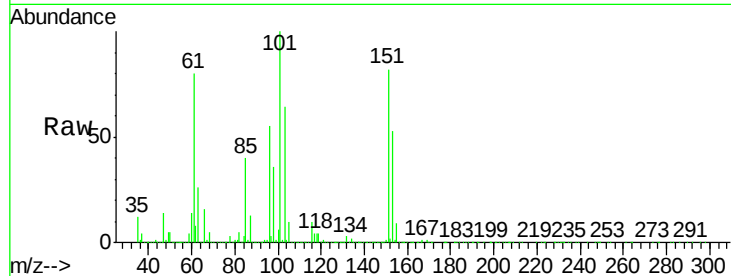
Tgt Ion:101 Resp: 411758

Ion Ratio Lower Upper

101 100

85 41.8 34.1 51.1

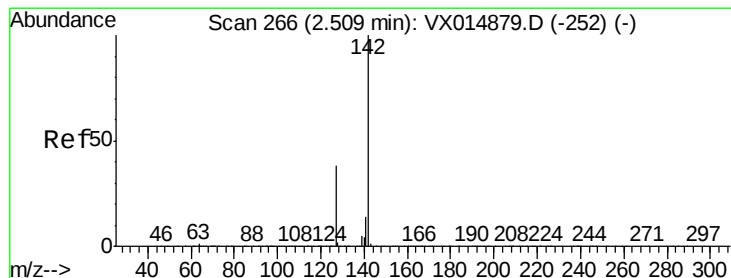
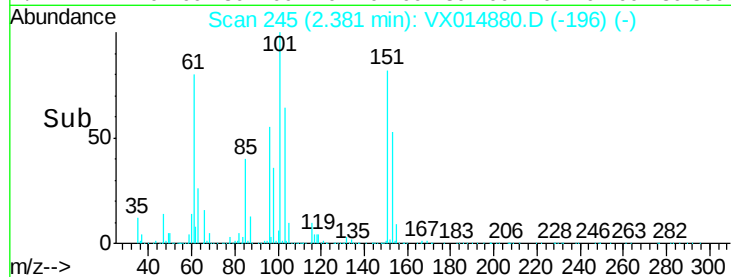
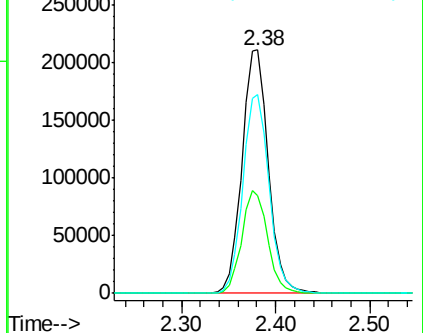
151 82.3 67.3 100.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 147.14 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

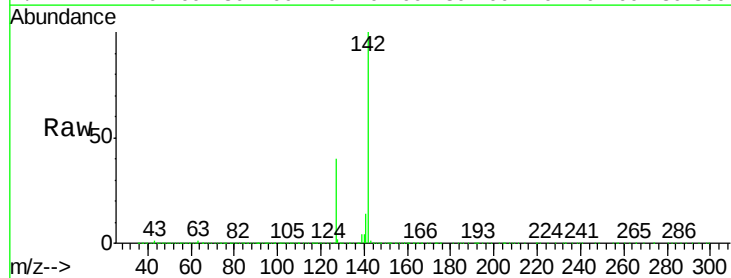
Tgt Ion:142 Resp: 495509

Ion Ratio Lower Upper

142 100

127 39.4 31.1 46.7

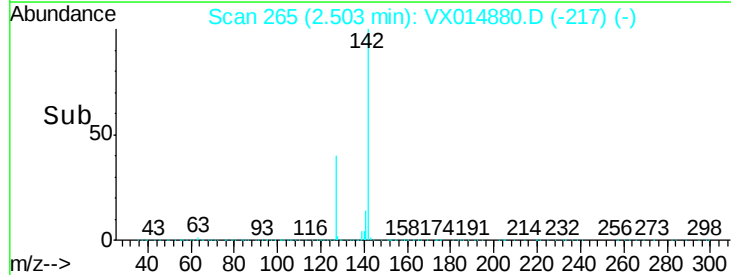
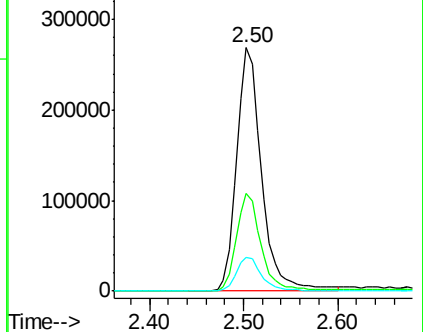
141 14.2 11.3 16.9

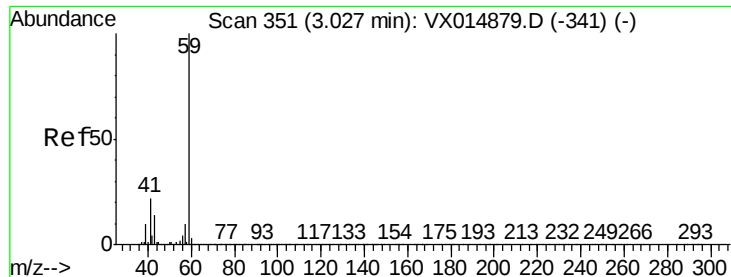


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



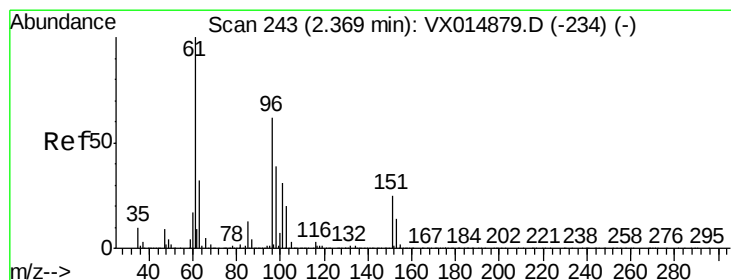
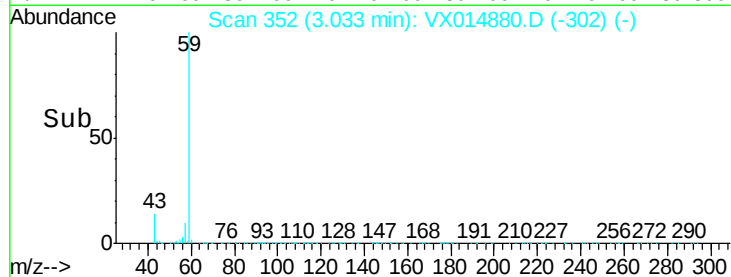
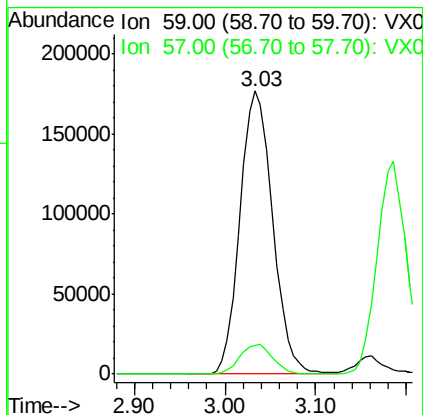
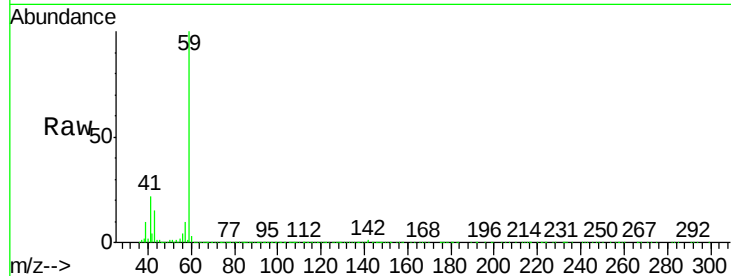


#11

Tert butyl alcohol
Concen: 512.92 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

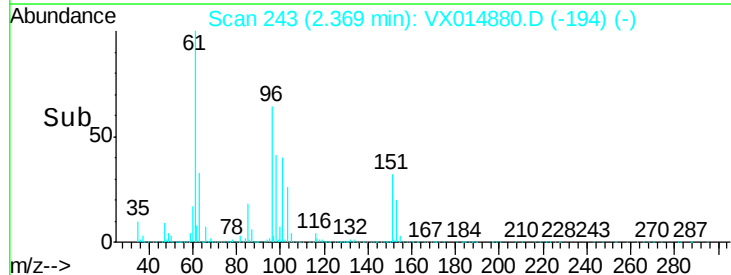
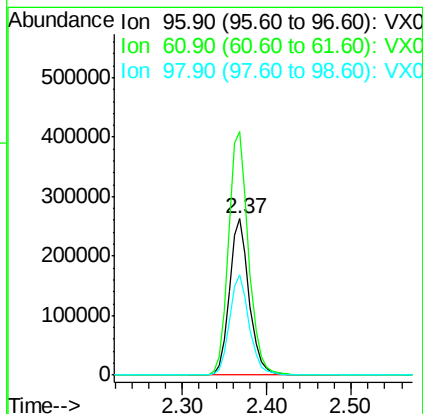
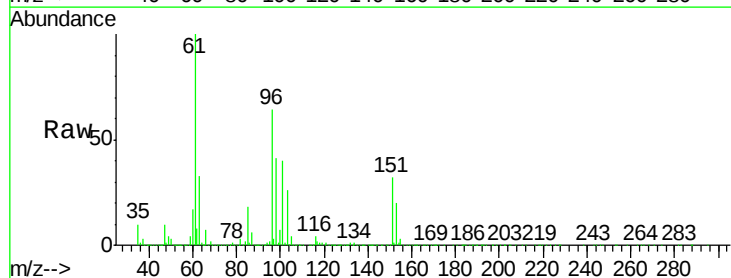
Tgt Ion: 59 Resp: 442049
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

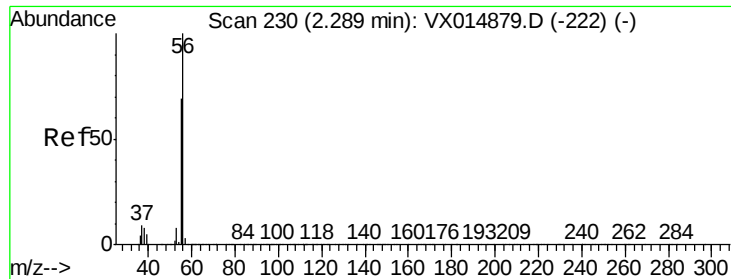


#12

1,1-Dichloroethene
Concen: 103.91 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

Tgt Ion: 96 Resp: 415751
Ion Ratio Lower Upper
96 100
61 155.6 129.5 194.3
98 64.4 50.6 76.0





#13

Acrolein

Concen: 511.56 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

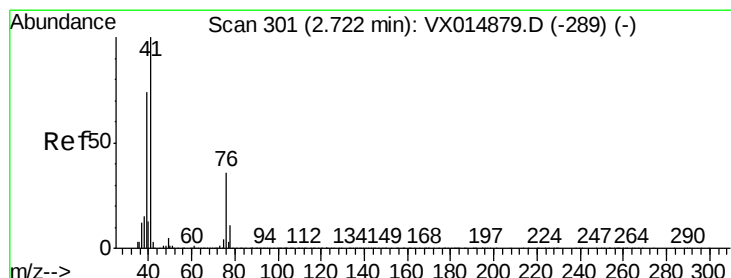
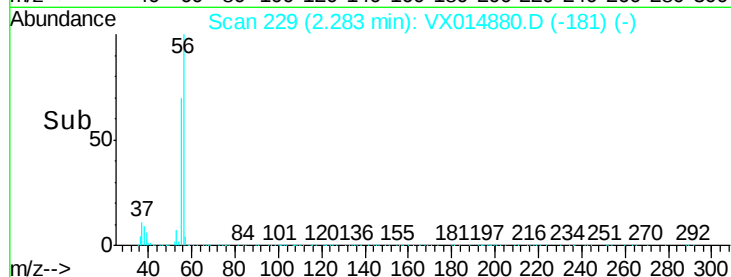
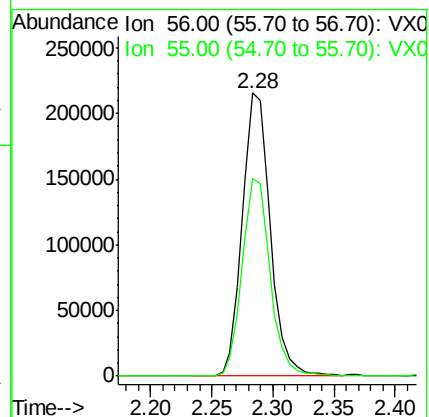
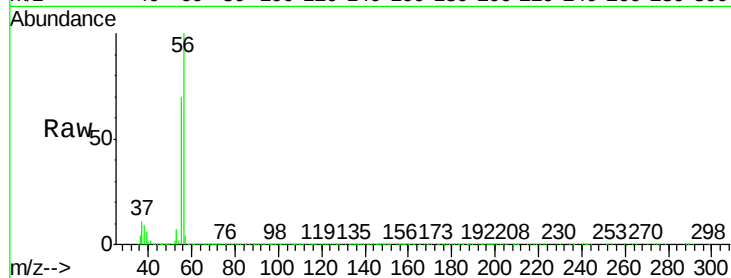
VSTDIC100

Tgt Ion: 56 Resp: 339954

Ion Ratio Lower Upper

56 100

55 70.3 55.0 82.4



#14

Allyl chloride

Concen: 101.91 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

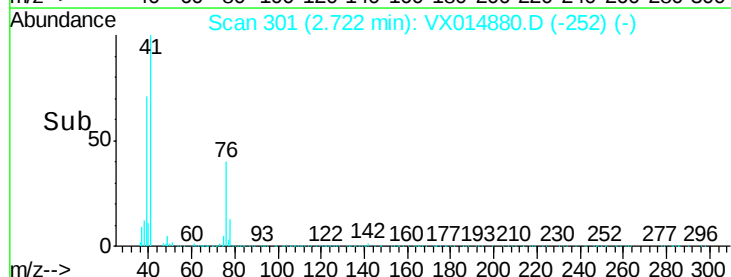
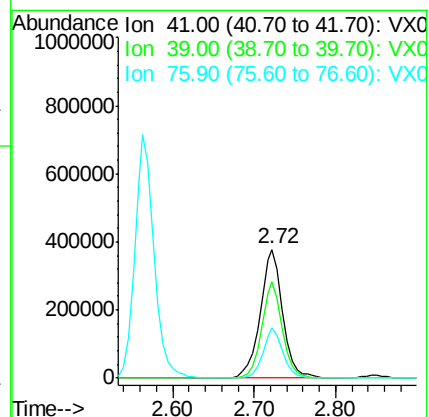
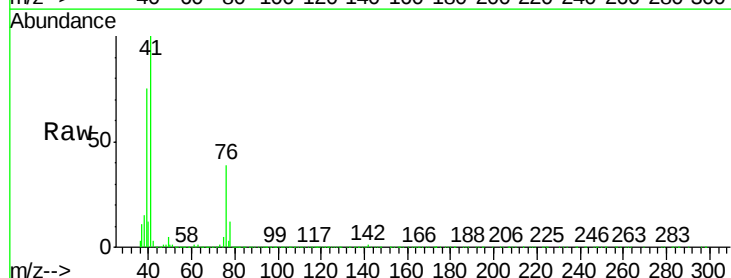
Tgt Ion: 41 Resp: 728805

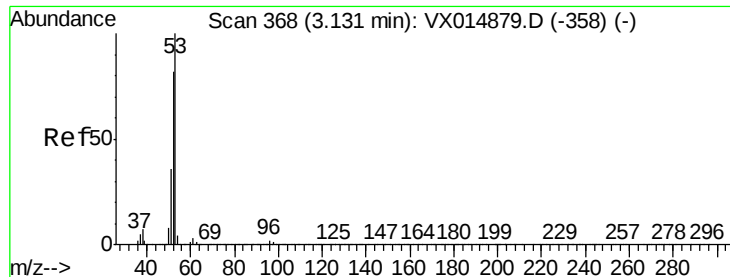
Ion Ratio Lower Upper

41 100

39 68.4 55.2 82.8

76 34.2 26.8 40.2



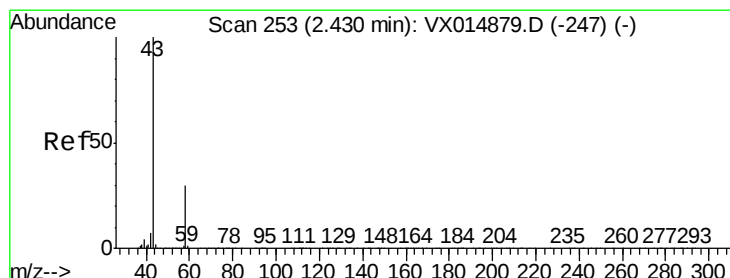
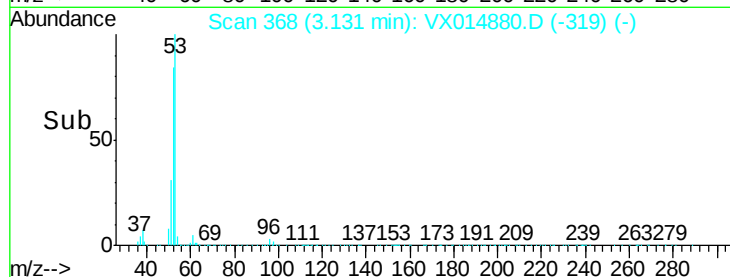
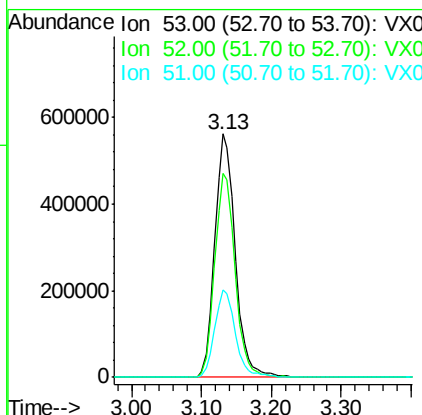
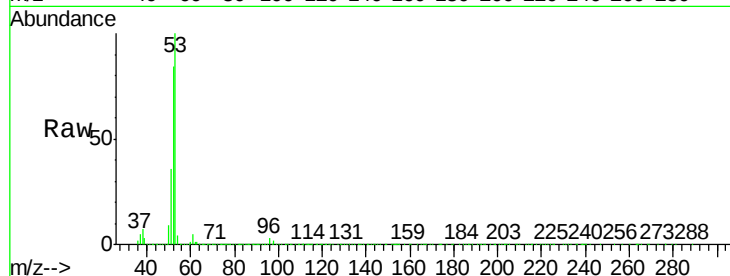


#15
 Acrylonitrile
 Concen: 518.62 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX014880.D
 Acq: 10 Feb 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 53 Resp: 1141059

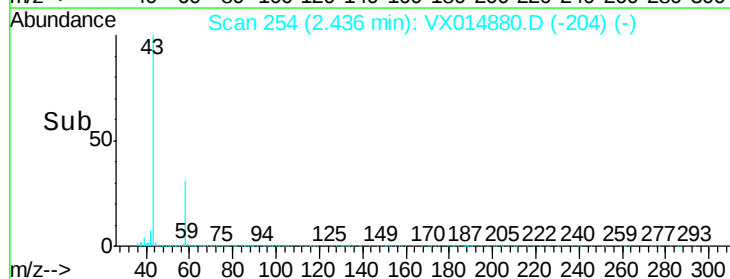
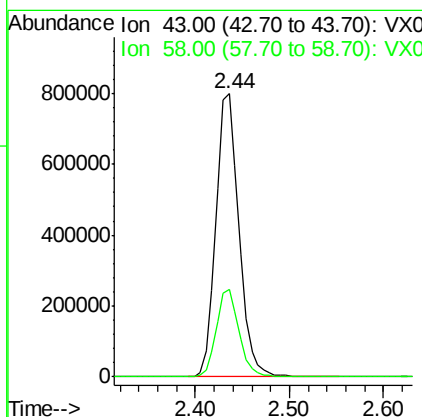
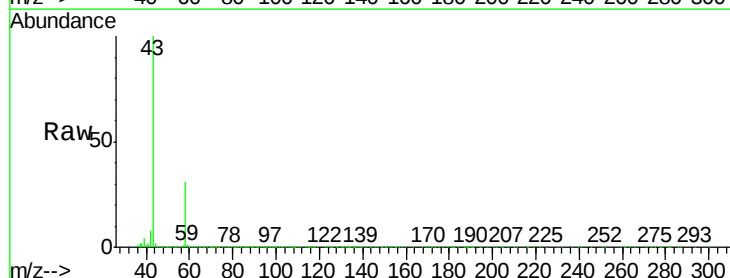
Ion	Ratio	Lower	Upper
53	100		
52	83.4	65.8	98.6
51	36.4	29.1	43.7

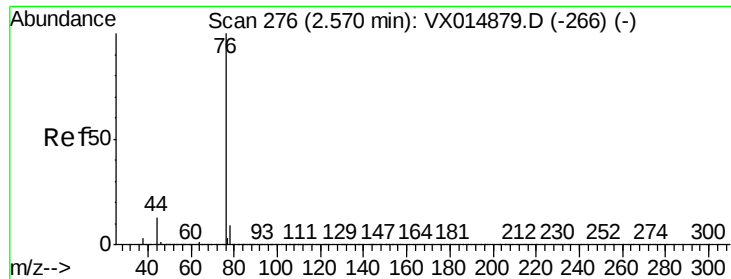


#16
 Acetone
 Concen: 433.80 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.01 min
 Lab File: VX014880.D
 Acq: 10 Feb 2020 11:24

Tgt Ion: 43 Resp: 1348174

Ion	Ratio	Lower	Upper
43	100		
58	31.0	24.1	36.1





#17

Carbon Disulfide

Concen: 106.58 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

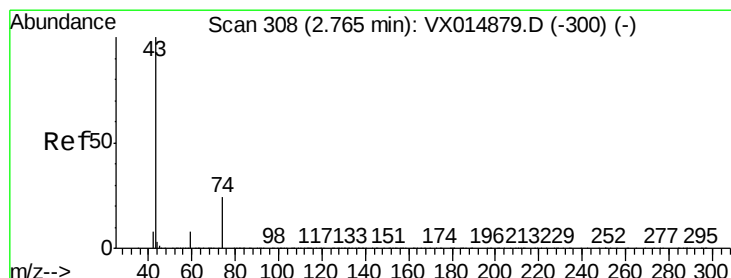
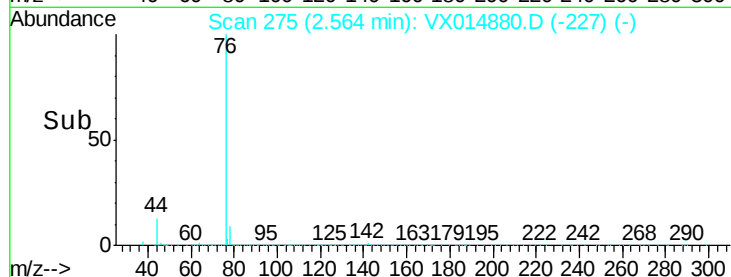
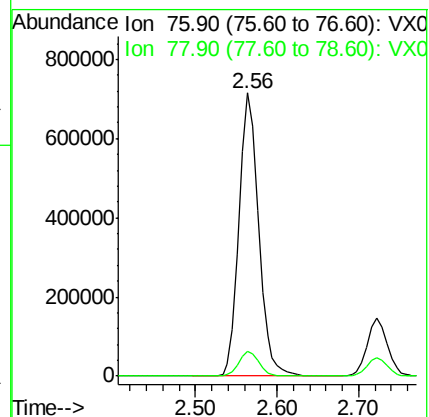
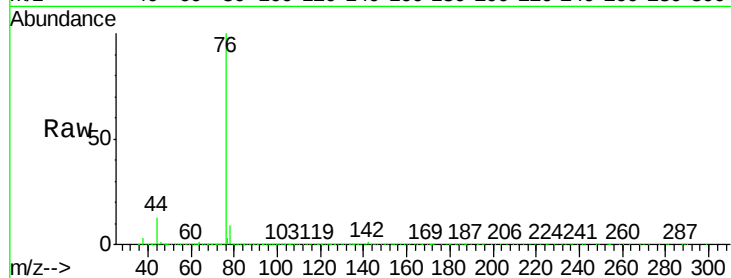
VSTDIC100

Tgt Ion: 76 Resp: 1180696

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



#18

Methyl Acetate

Concen: 106.84 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX014880.D

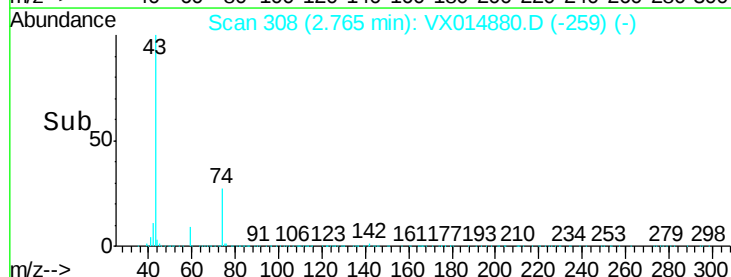
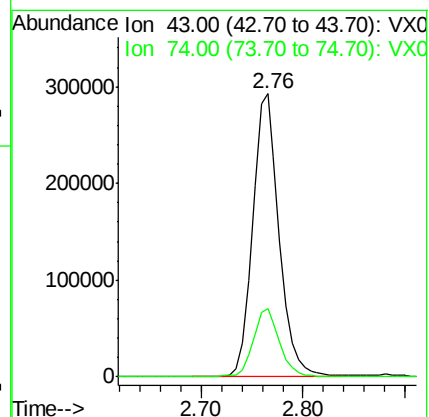
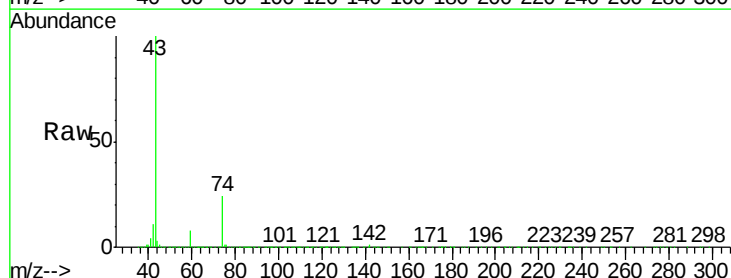
Acq: 10 Feb 2020 11:24

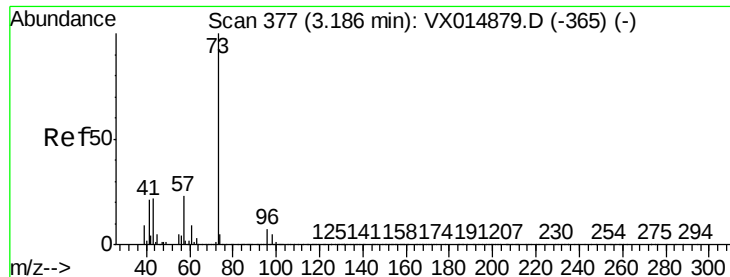
Tgt Ion: 43 Resp: 524592

Ion Ratio Lower Upper

43 100

74 24.6 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 105.82 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

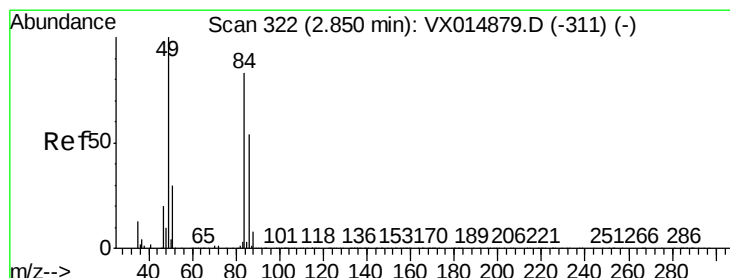
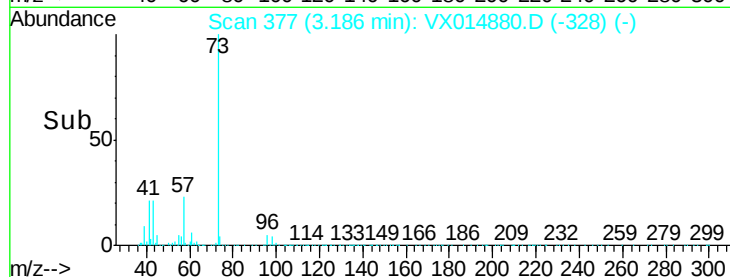
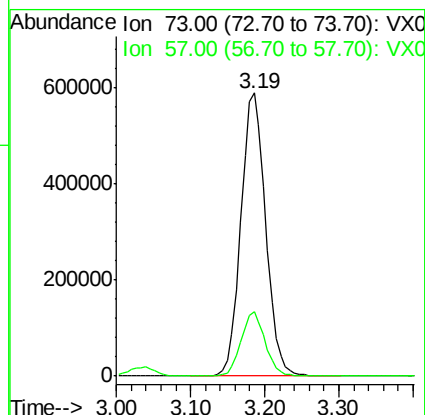
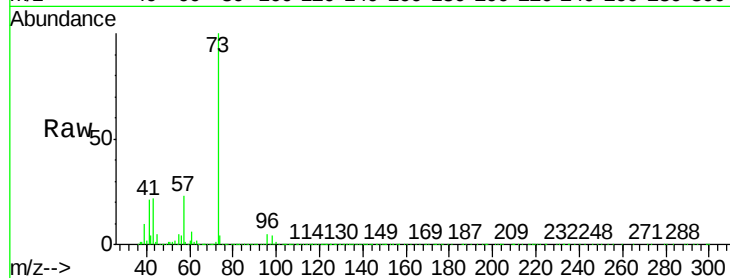
VSTDIC100

Tgt Ion: 73 Resp: 1370634

Ion Ratio Lower Upper

73 100

57 22.6 18.2 27.4



#20

Methylene Chloride

Concen: 92.74 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

Tgt Ion: 84 Resp: 456982

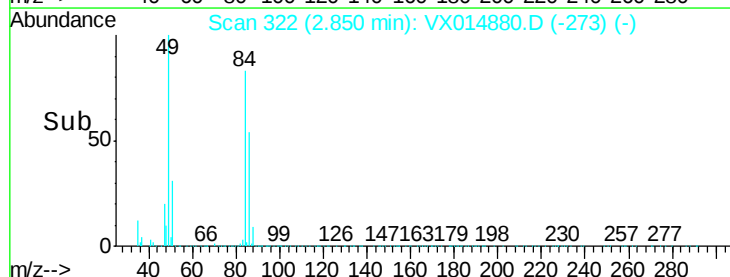
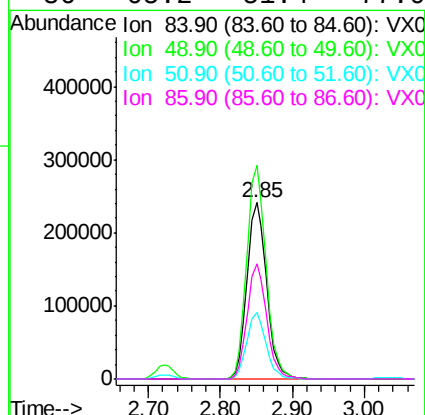
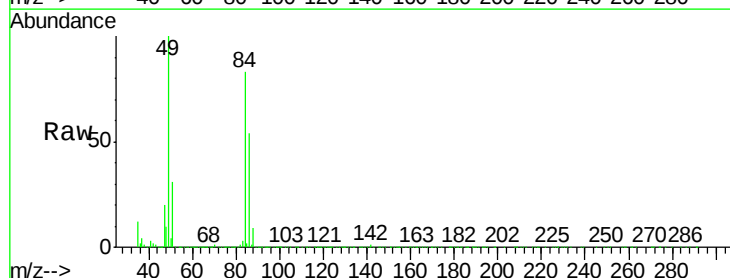
Ion Ratio Lower Upper

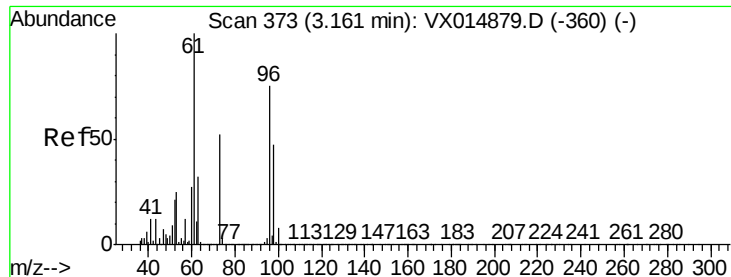
84 100

49 120.9 95.6 143.4

51 37.3 29.0 43.6

86 65.2 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 100.79 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

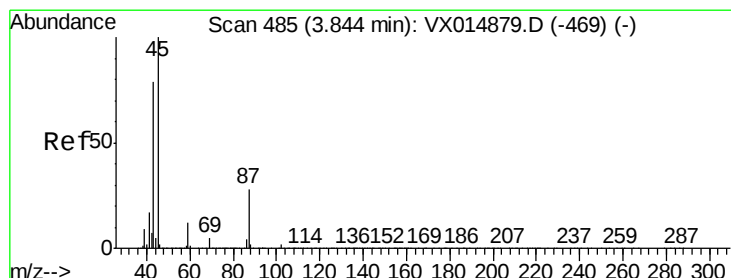
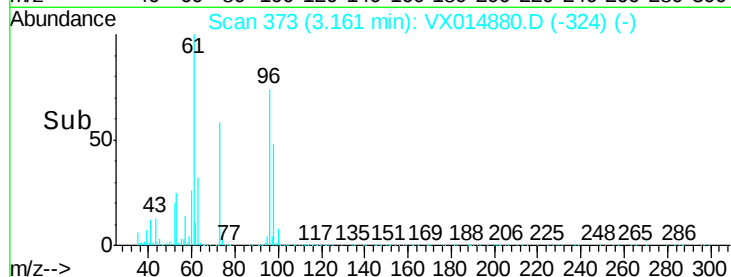
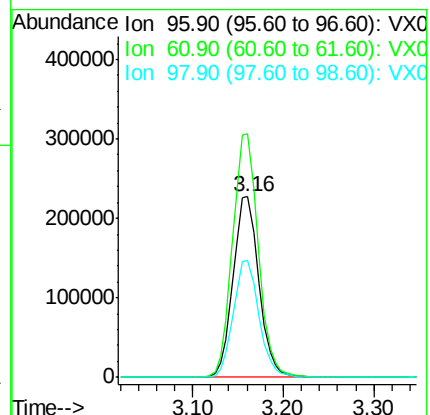
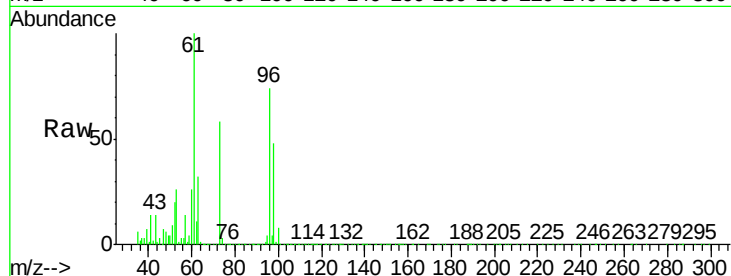
Tgt Ion: 96 Resp: 449315

Ion Ratio Lower Upper

96 100

61 135.0 106.9 160.3

98 65.1 50.7 76.1



#22

Diisopropyl ether

Concen: 103.64 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

Tgt Ion: 45 Resp: 1405340

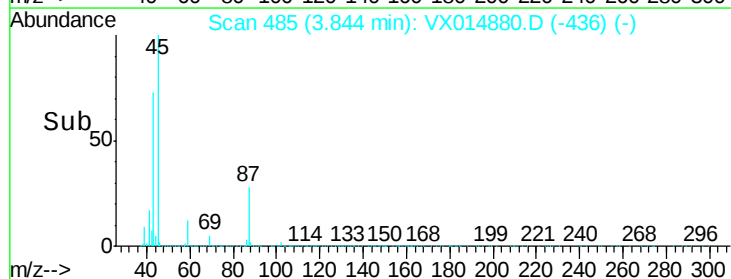
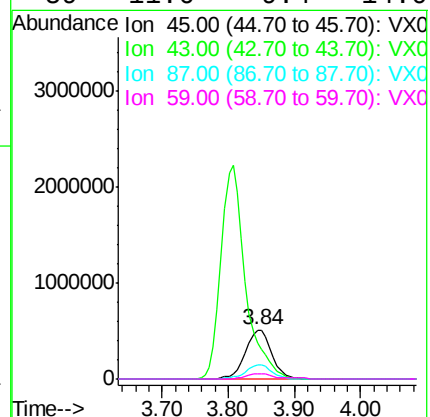
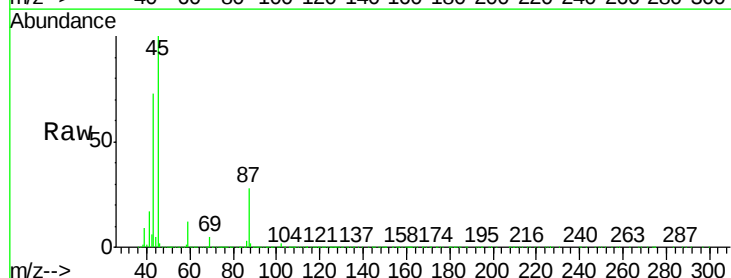
Ion Ratio Lower Upper

45 100

43 73.1 63.5 95.3

87 27.9 22.2 33.4

59 11.6 9.4 14.0





#23

Vinyl Acetate

Concen: 511.03 ug/l

RT: 3.81 min Scan# 479

Delta R.T. -0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

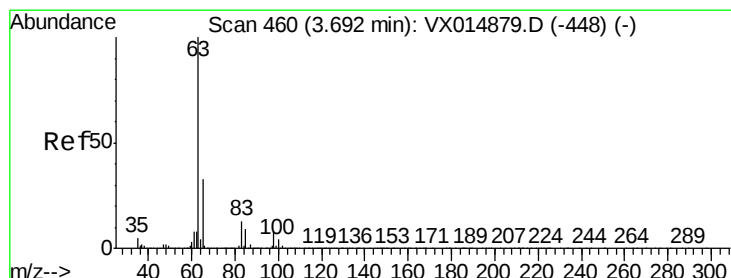
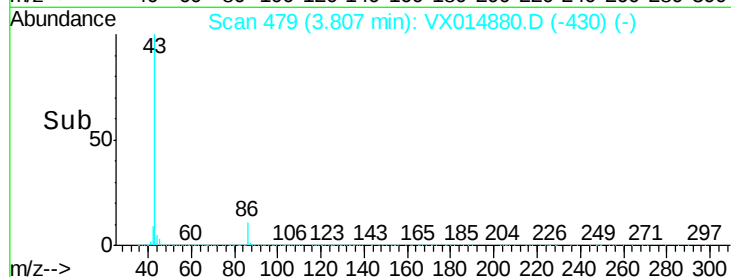
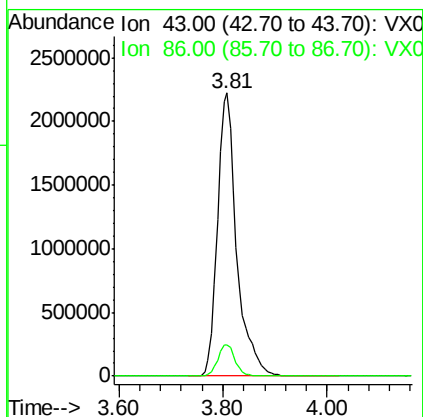
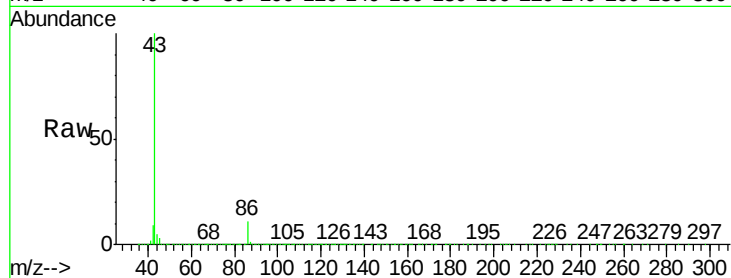
VSTDIC100

Tgt Ion: 43 Resp: 5736669

Ion Ratio Lower Upper

43 100

86 11.1 8.9 13.3



#24

1,1-Dichloroethane

Concen: 102.07 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

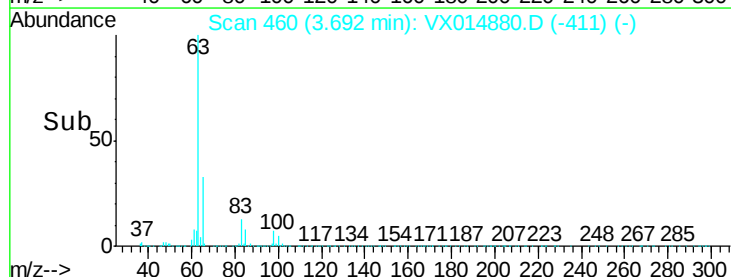
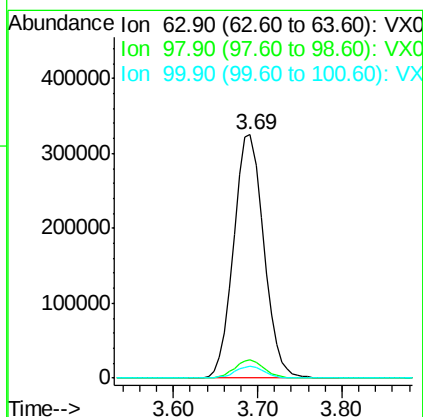
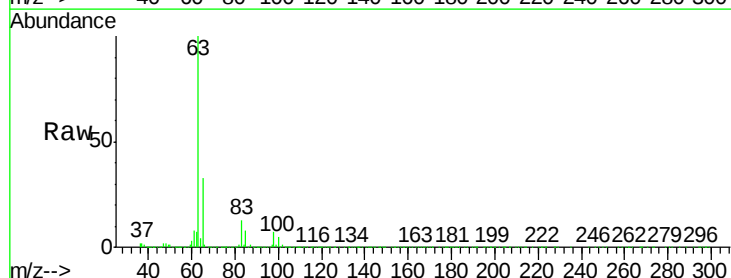
Tgt Ion: 63 Resp: 786210

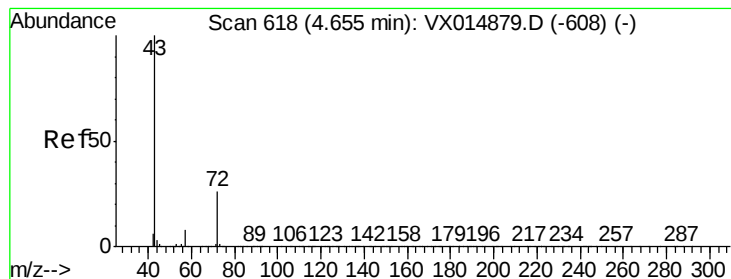
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

100 4.8 2.2 6.6





#25

2-Butanone

Concen: 515.81 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

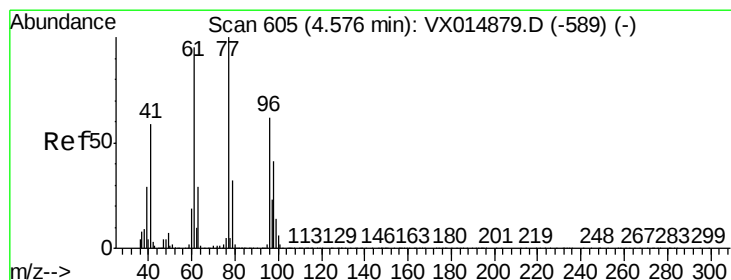
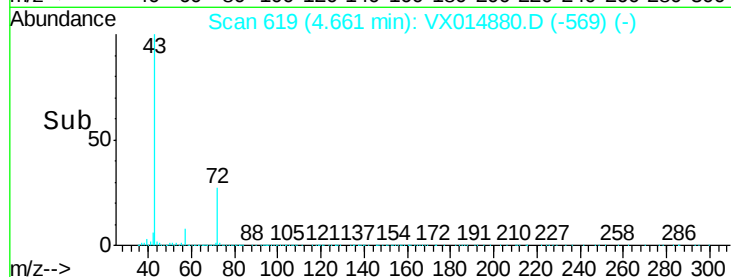
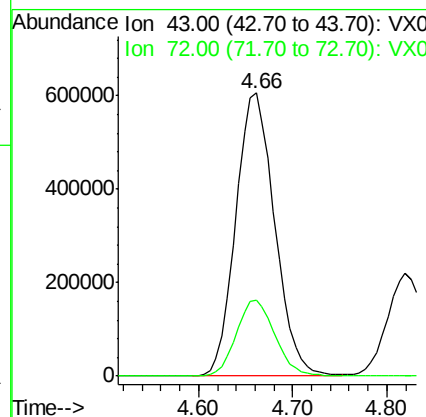
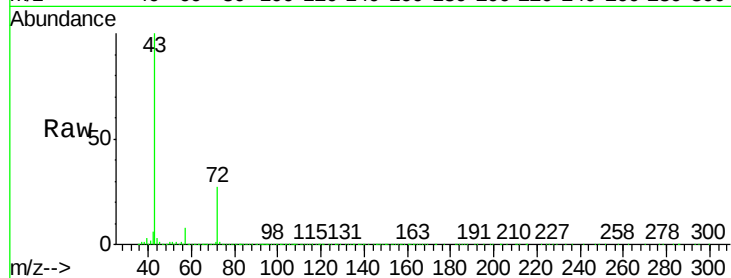
VSTDIC100

Tgt Ion: 43 Resp: 1735571

Ion Ratio Lower Upper

43 100

72 26.6 21.0 31.6



#26

2,2-Dichloropropane

Concen: 101.37 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014880.D

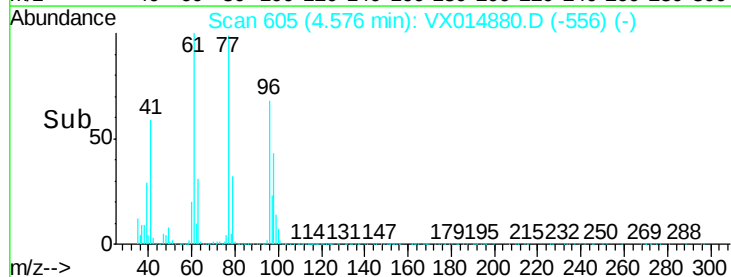
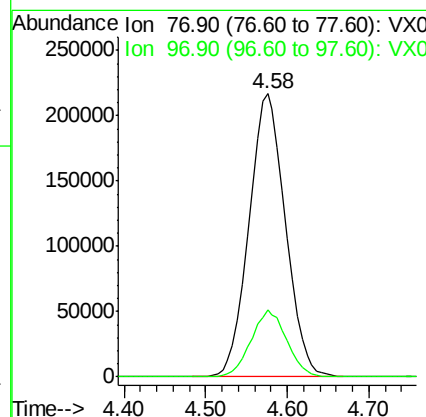
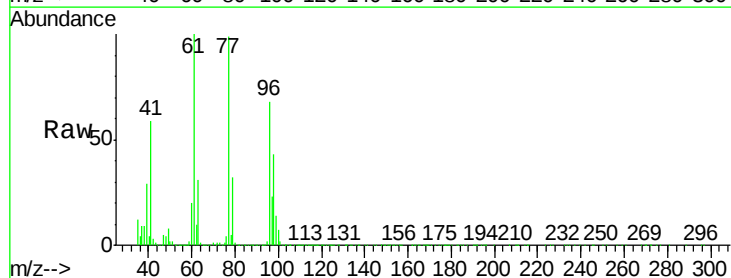
Acq: 10 Feb 2020 11:24

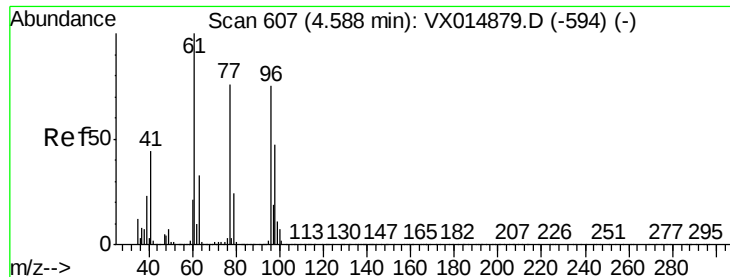
Tgt Ion: 77 Resp: 672826

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.5



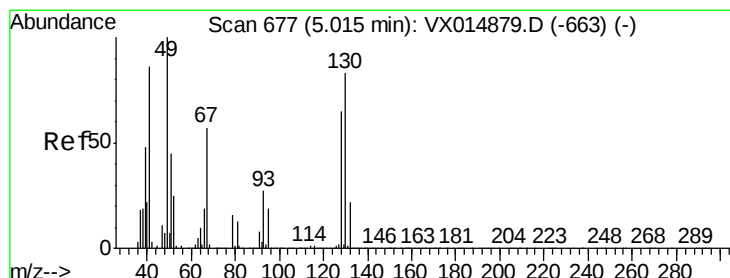
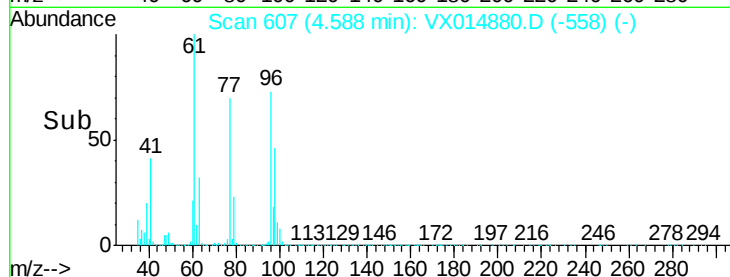
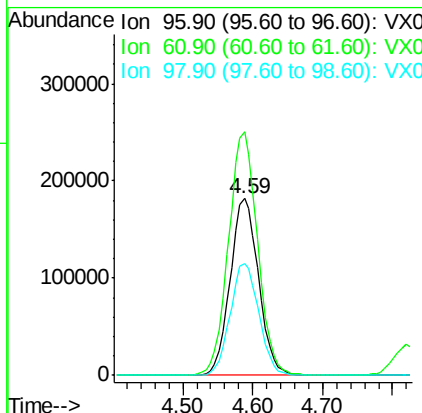
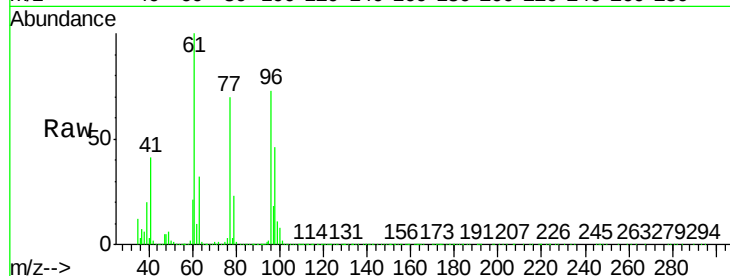


#27

cis-1,2-Dichloroethene
Concen: 103.78 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

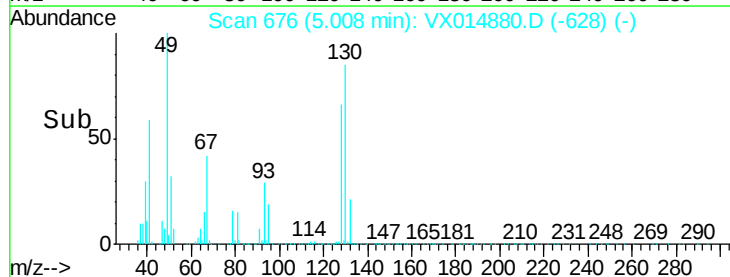
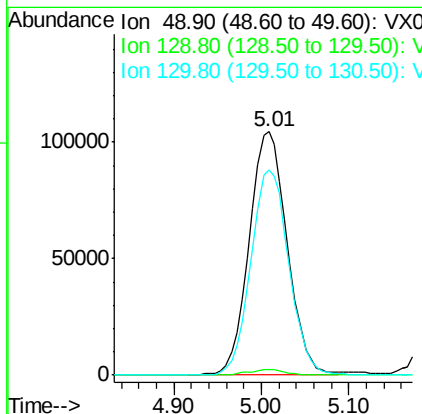
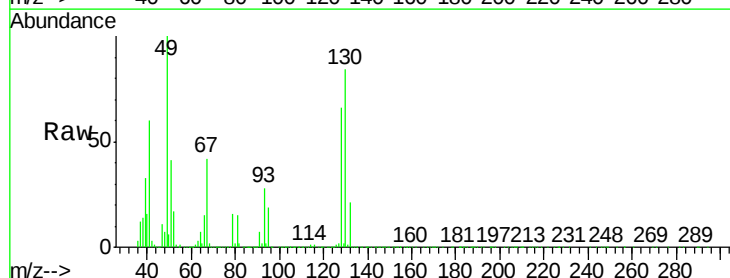
Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.9	0.0	286.2
98	64.1	0.0	131.0

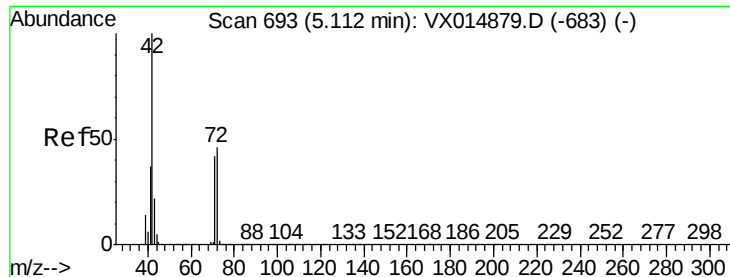


#28

Bromochloromethane
Concen: 122.52 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.2
130	84.5	67.4	101.2





#29

Tetrahydrofuran

Concen: 538.50 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

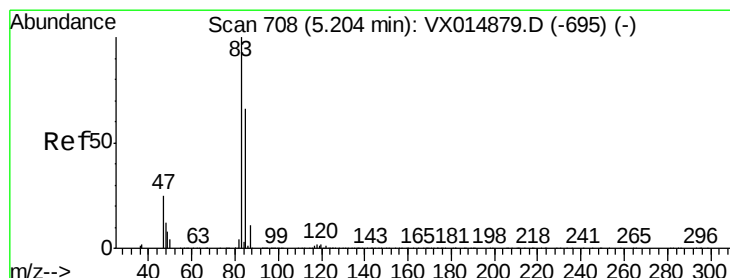
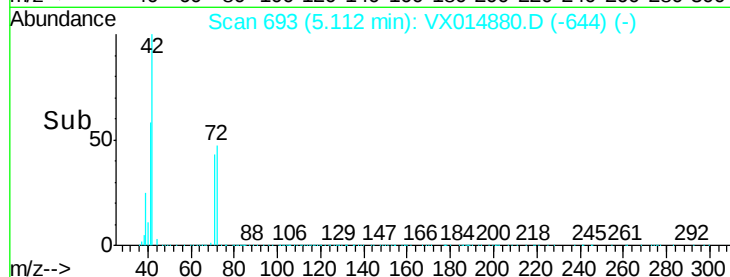
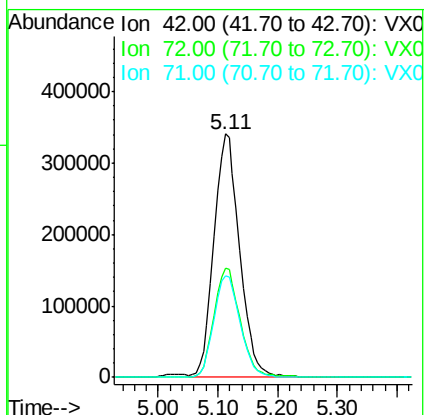
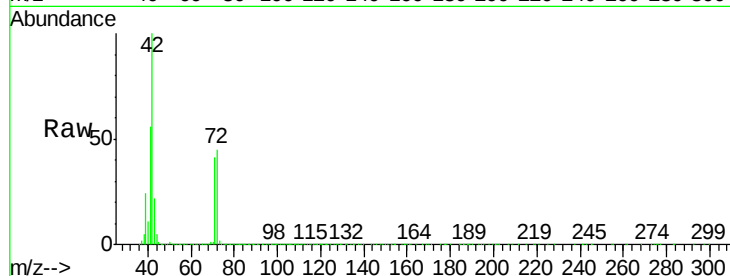
Tgt Ion: 42 Resp: 1013462

Ion Ratio Lower Upper

42 100

72 45.8 36.9 55.3

71 42.9 34.1 51.1



#30

Chloroform

Concen: 102.50 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX014880.D

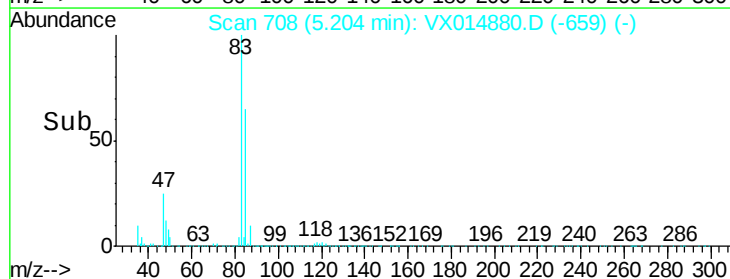
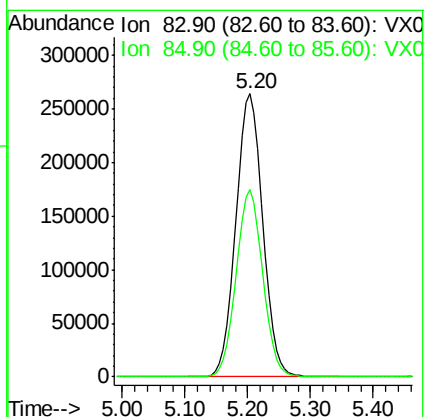
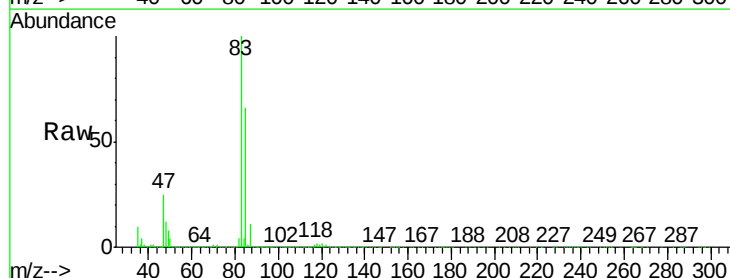
Acq: 10 Feb 2020 11:24

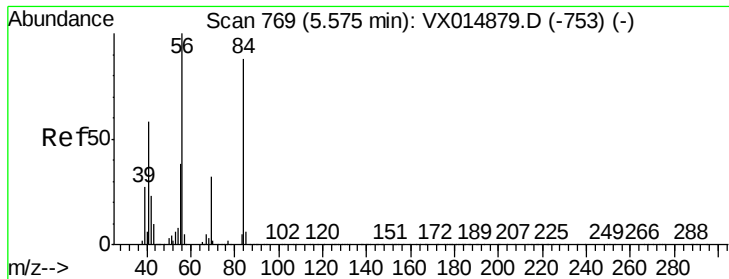
Tgt Ion: 83 Resp: 785044

Ion Ratio Lower Upper

83 100

85 66.2 52.9 79.3

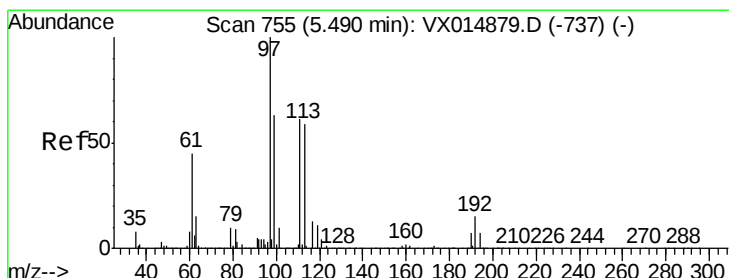
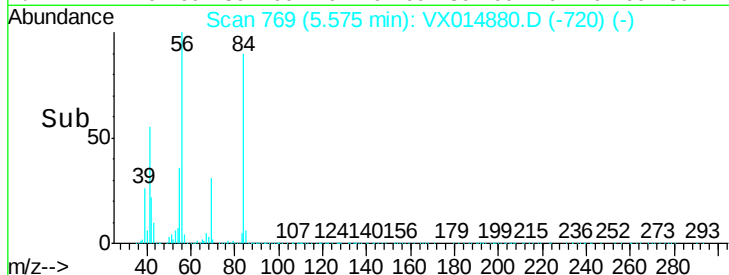
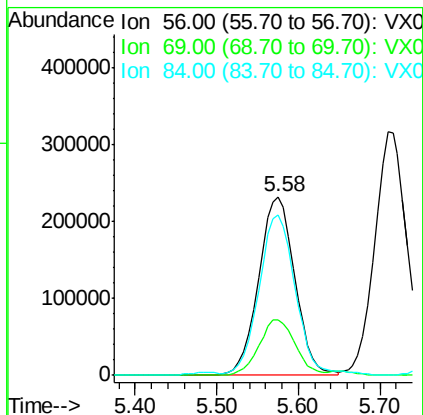
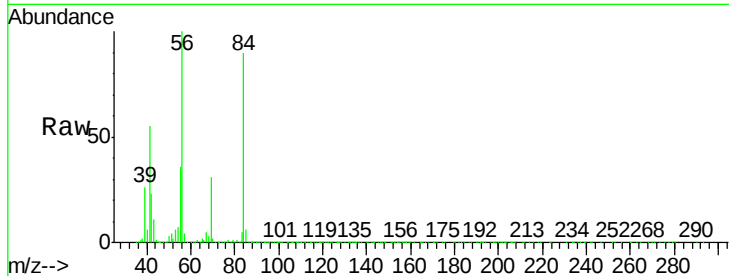




#31
Cyclohexane
Concen: 105.82 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

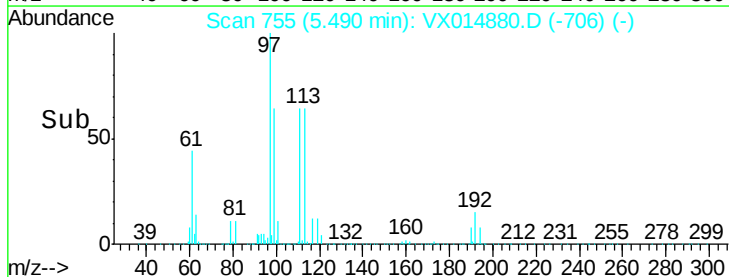
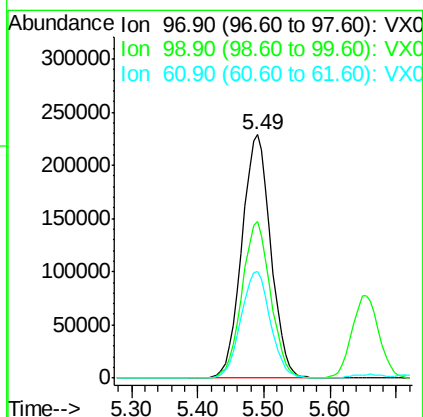
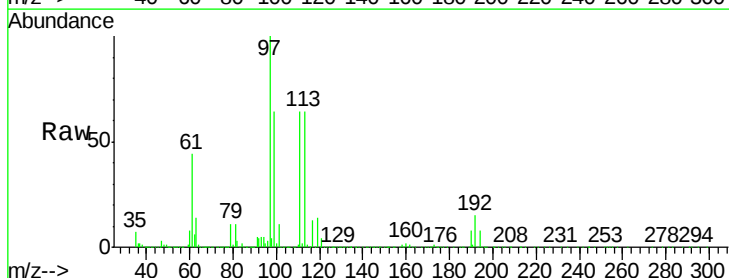
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

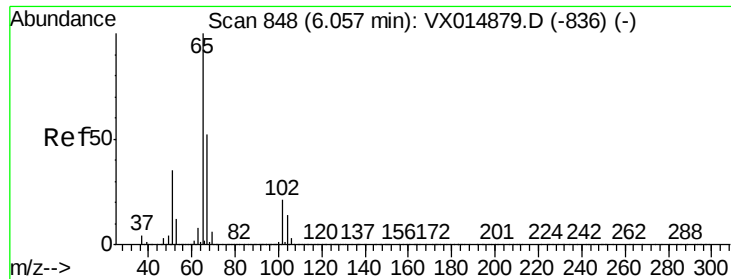
Tgt Ion: 56 Resp: 713946
Ion Ratio Lower Upper
56 100
69 31.1 25.9 38.9
84 88.7 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 105.10 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

Tgt Ion: 97 Resp: 695396
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.6
61 44.3 36.3 54.5

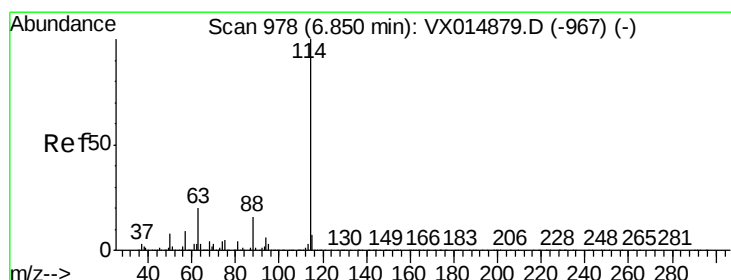
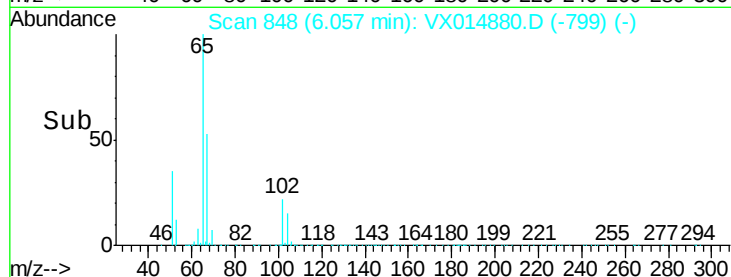
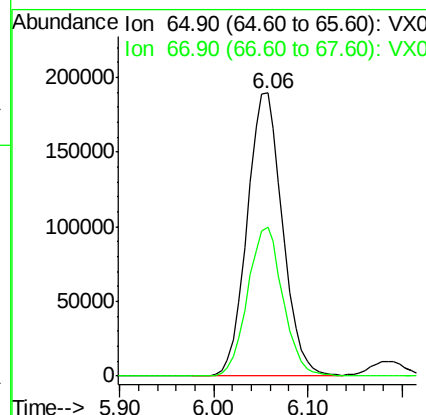
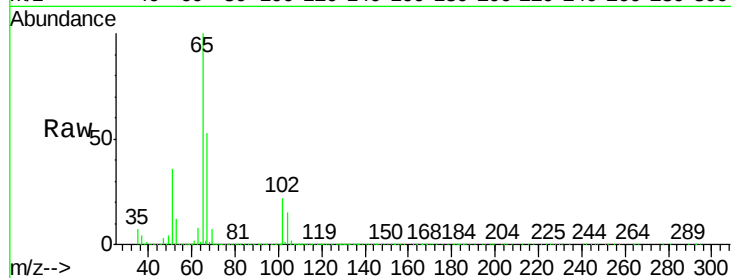




#33
 1,2-Dichloroethane-d4
 Concen: 88.14 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VX014880.D
 Acq: 10 Feb 2020 11:24

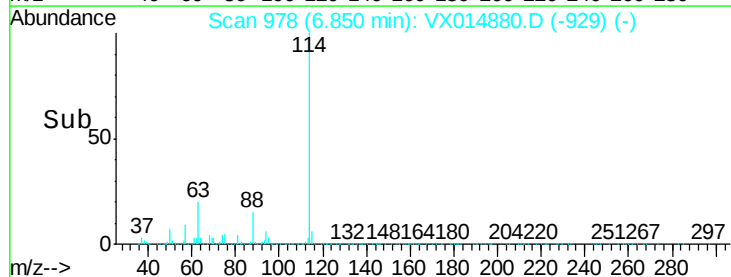
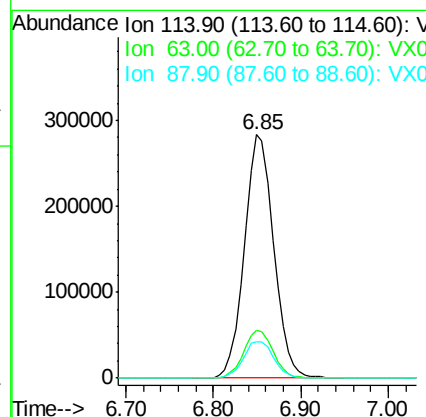
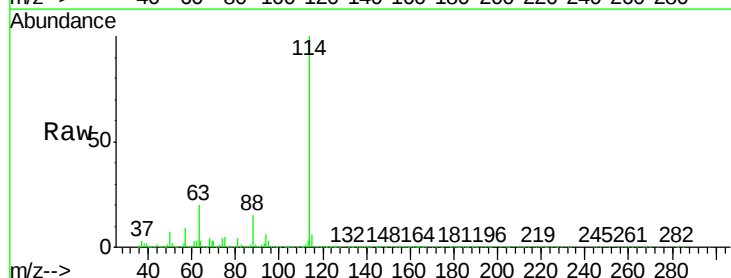
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

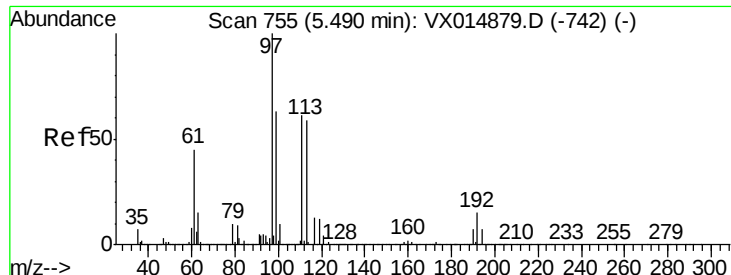
Tgt Ion: 65 Resp: 497738
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014880.D
 Acq: 10 Feb 2020 11:24

Tgt Ion: 114 Resp: 659429
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.2
 88 14.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 87.21 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

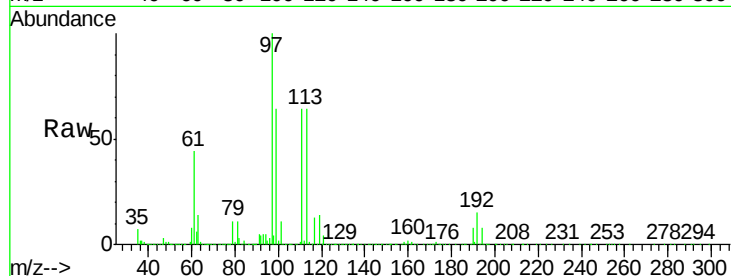
Tgt Ion:113 Resp: 414603

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

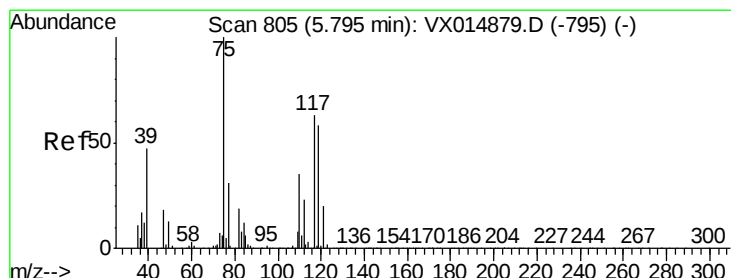
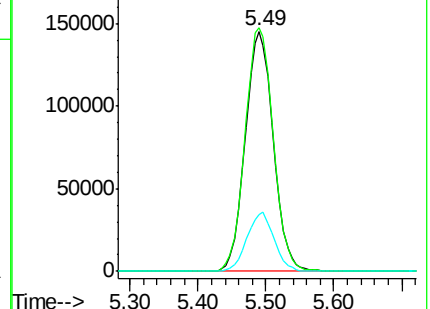
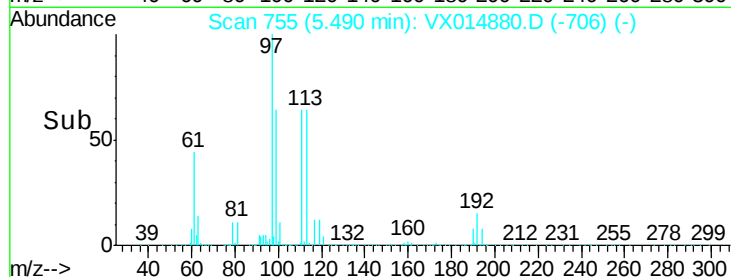
192 23.7 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 105.99 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

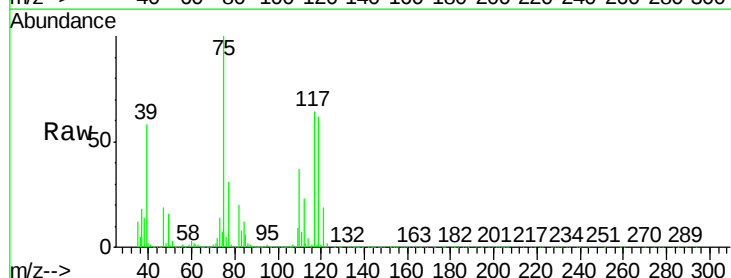
Tgt Ion: 75 Resp: 614358

Ion Ratio Lower Upper

75 100

110 36.9 18.3 54.8

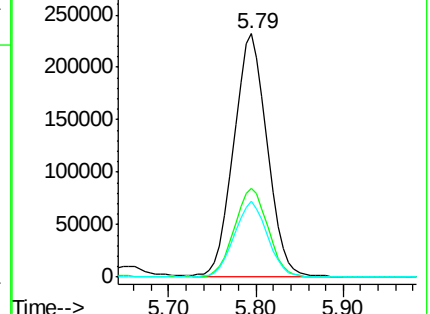
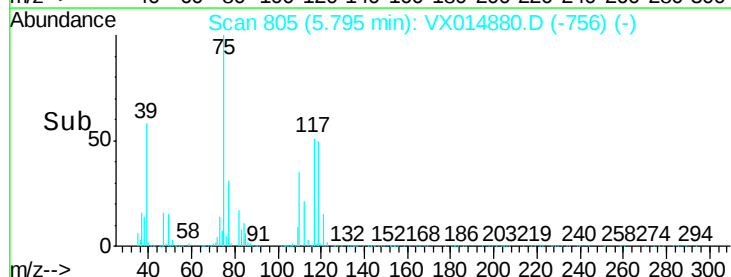
77 30.7 24.6 36.8

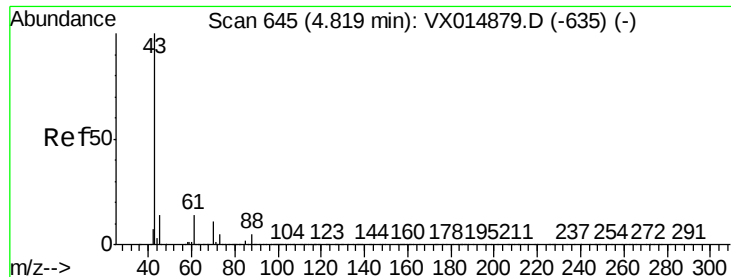


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

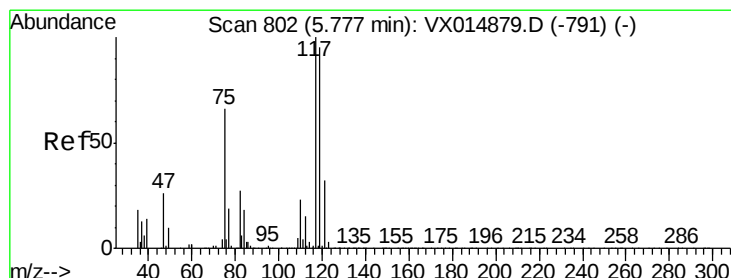
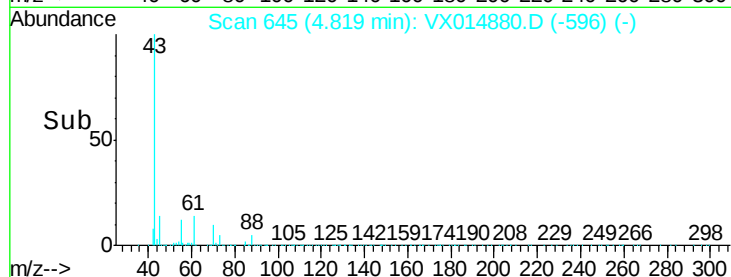
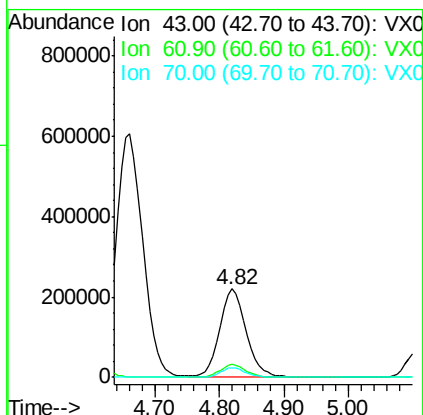
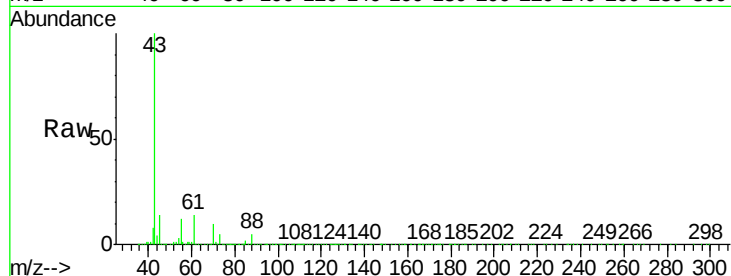




#37
Ethyl Acetate
Concen: 105.43 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

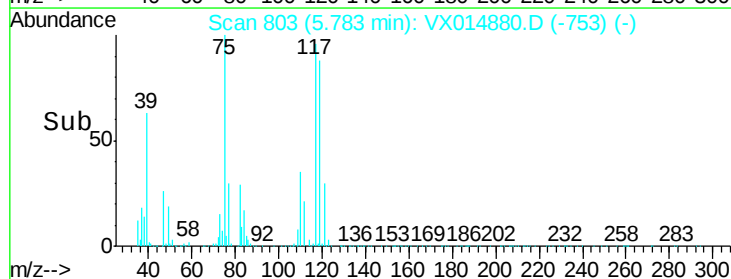
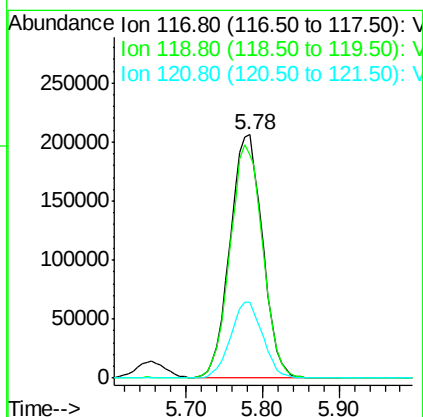
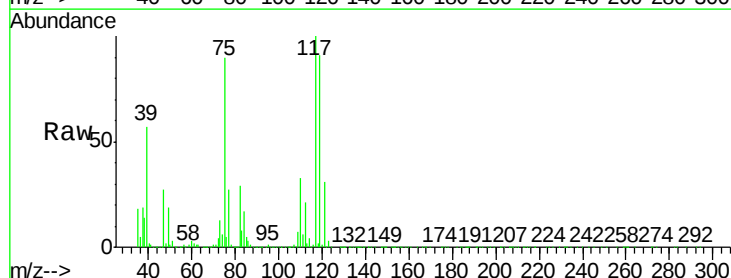
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

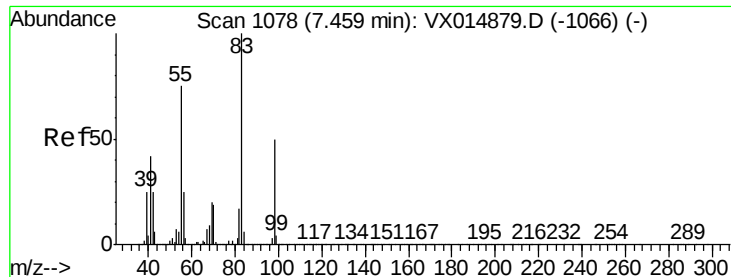
Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.9	16.3
70	10.6	8.7	13.1



#38
Carbon Tetrachloride
Concen: 108.34 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.01 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.5	76.0	114.0
121	31.0	25.4	38.2

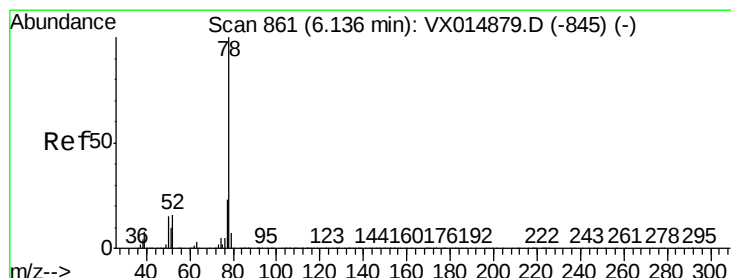
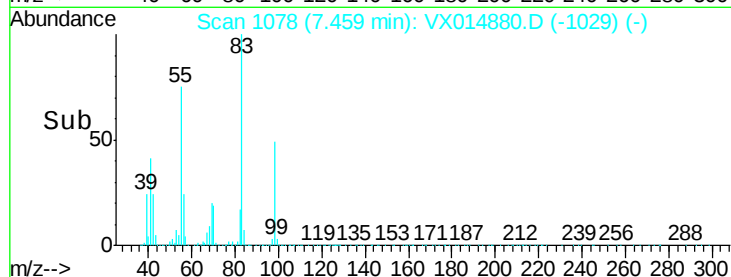
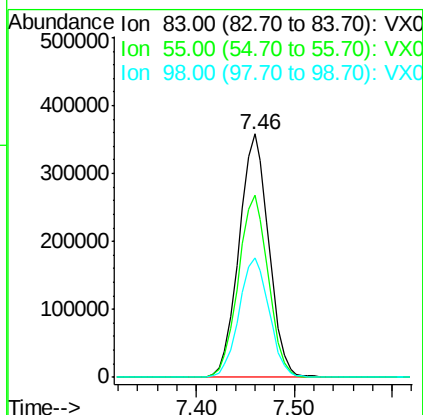
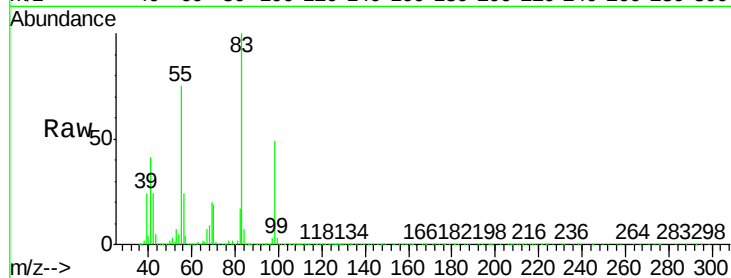




#39
Methylcyclohexane
Concen: 103.30 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

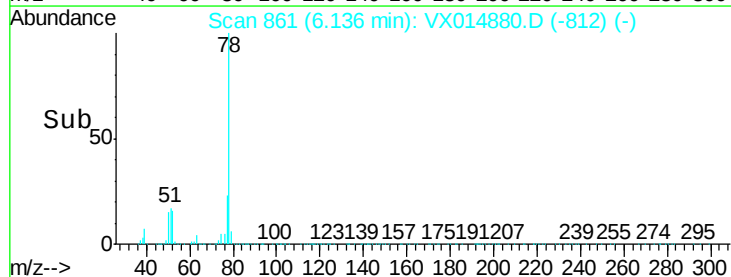
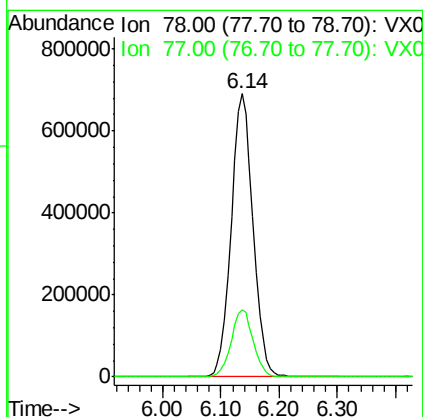
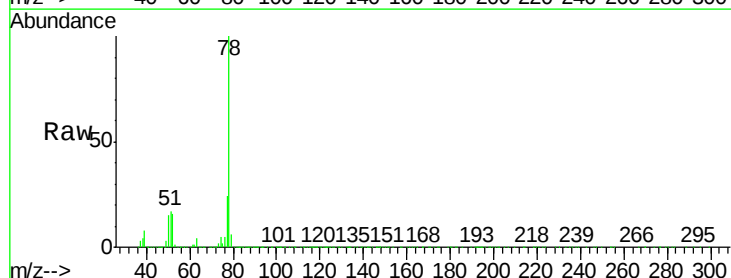
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

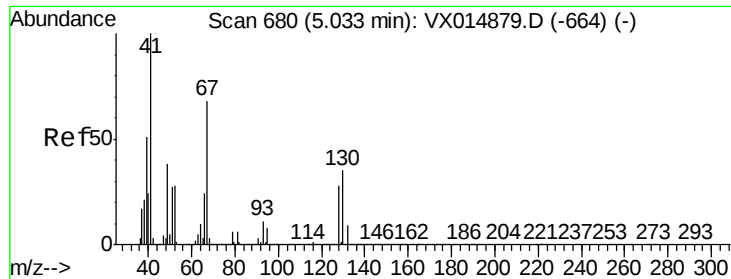
Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.0	60.0	90.0
98	48.9	39.6	59.4



#40
Benzene
Concen: 102.49 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2

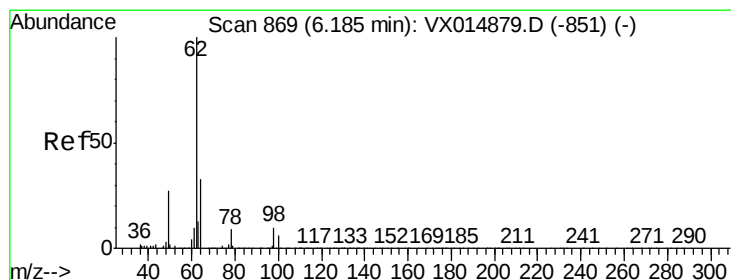
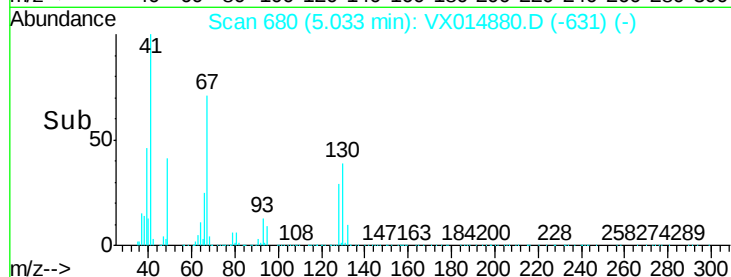
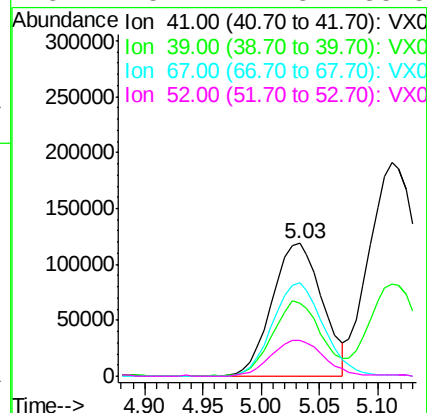
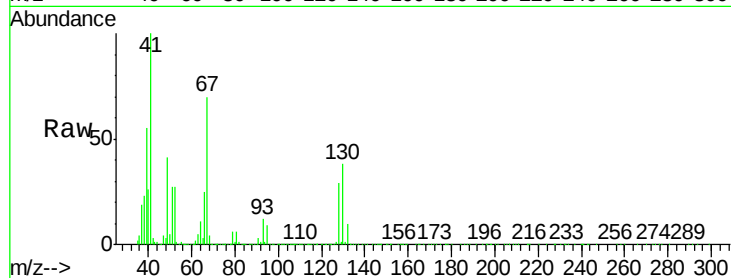




#41
Methacrylonitrile
Concen: 111.02 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

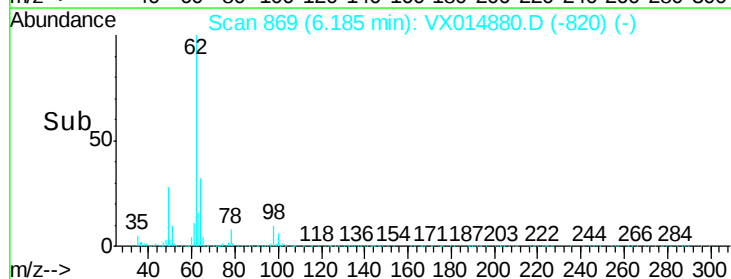
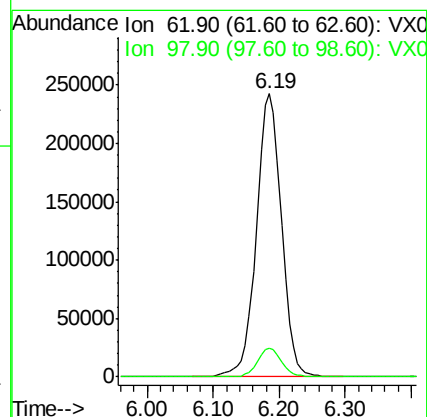
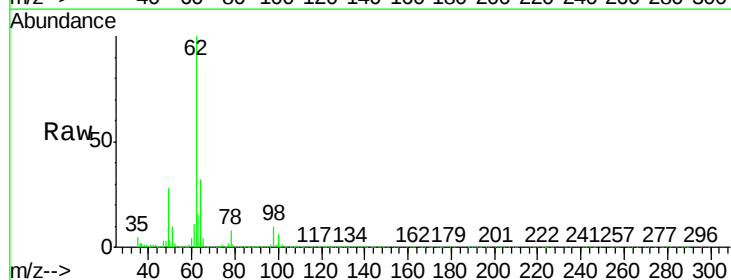
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

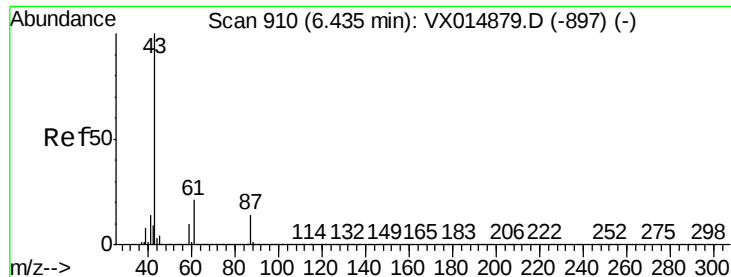
Tgt Ion:	41	Resp:	354647
Ion	Ratio	Lower	Upper
41	100		
39	56.5	44.7	67.1
67	71.6	56.6	84.8
52	28.4	22.3	33.5



#42
1,2-Dichloroethane
Concen: 99.81 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

Tgt Ion:	62	Resp:	638384
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.2



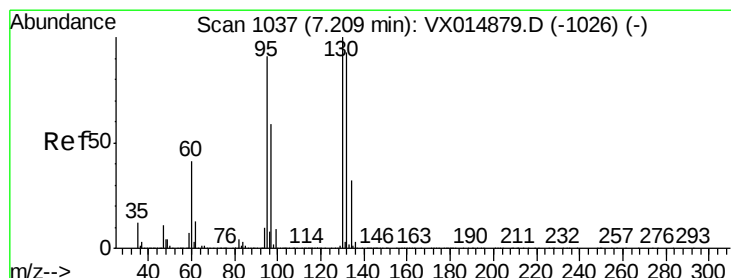
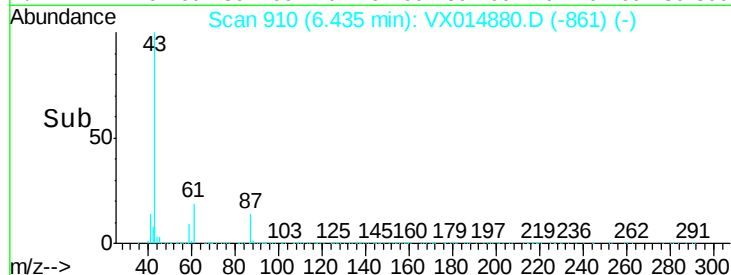
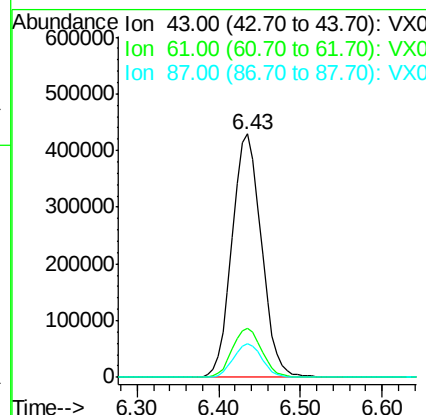
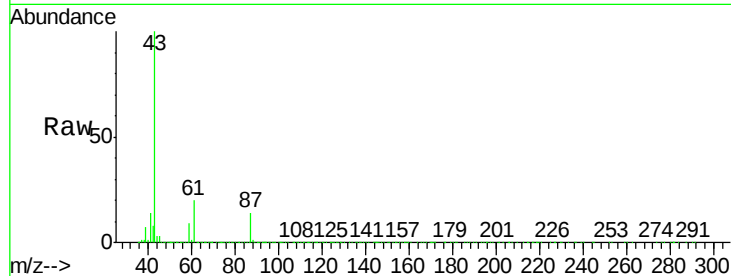


#43

Isopropyl Acetate
 Concen: 108.15 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014880.D
 Acq: 10 Feb 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

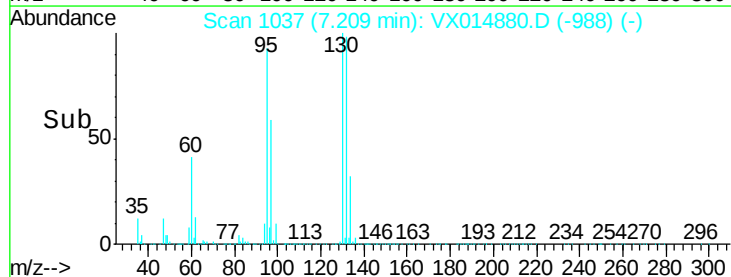
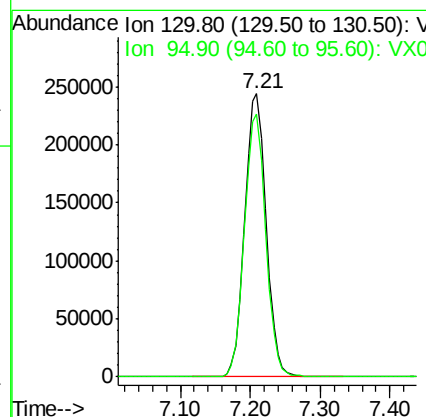
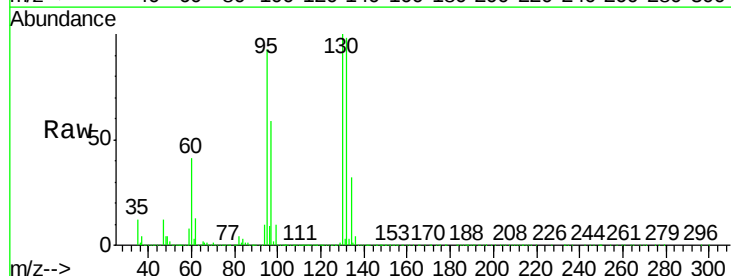
Tgt Ion: 43 Resp: 1066093
 Ion Ratio Lower Upper
 43 100
 61 20.2 16.2 24.4
 87 13.6 11.0 16.6

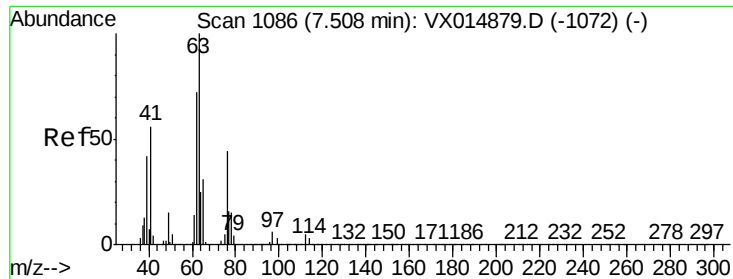


#44

Trichloroethene
 Concen: 102.38 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014880.D
 Acq: 10 Feb 2020 11:24

Tgt Ion: 130 Resp: 520501
 Ion Ratio Lower Upper
 130 100
 95 92.9 0.0 182.6

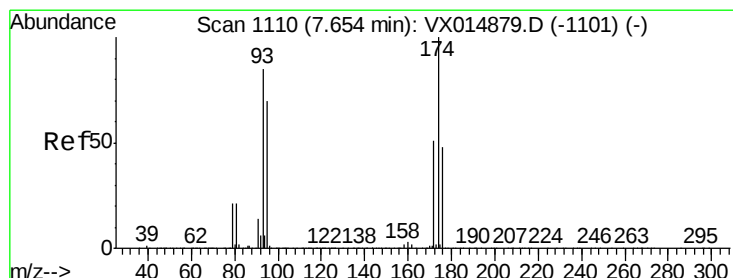
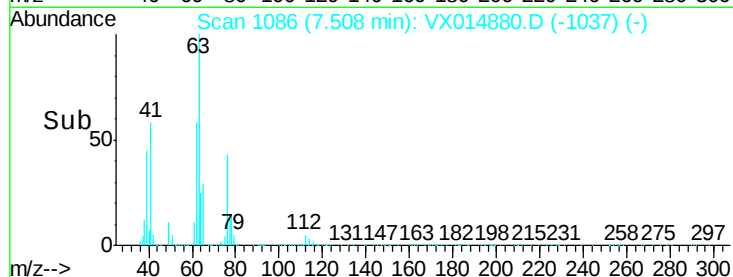
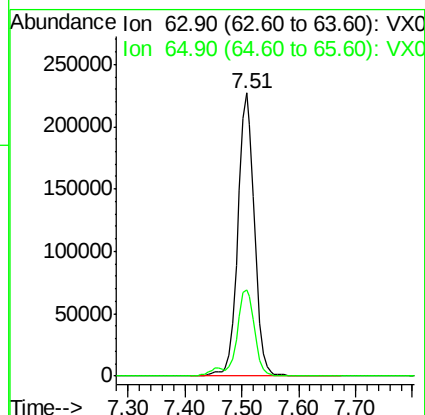
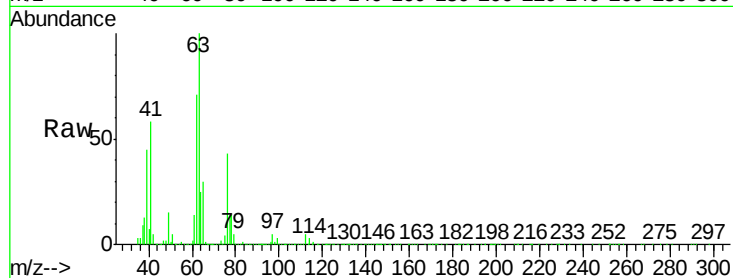




#45
 1,2-Dichloropropane
 Concen: 103.21 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014880.D
 Acq: 10 Feb 2020 11:24

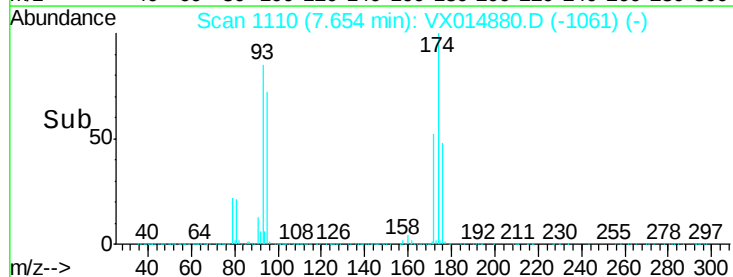
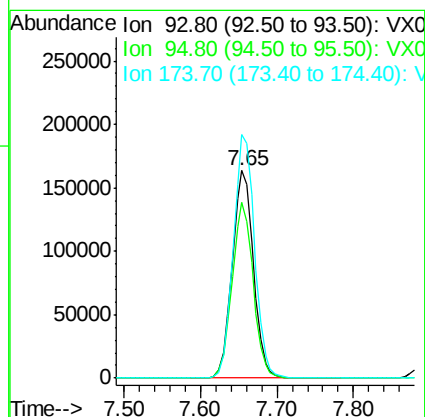
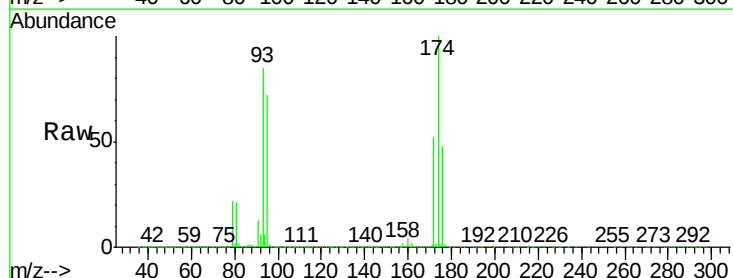
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

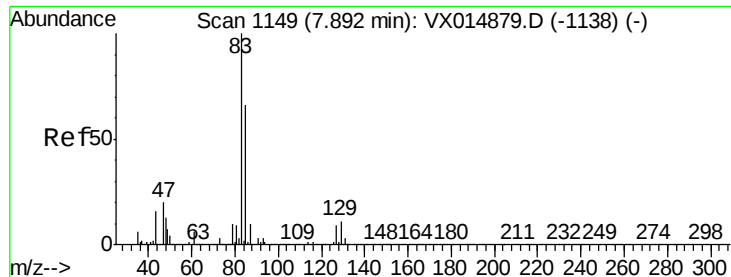
Tgt Ion: 63 Resp: 460119
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.9 37.3



#46
 Dibromomethane
 Concen: 102.22 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014880.D
 Acq: 10 Feb 2020 11:24

Tgt Ion: 93 Resp: 312619
 Ion Ratio Lower Upper
 93 100
 95 83.6 65.8 98.8
 174 118.2 95.4 143.2





#47

Bromodichloromethane

Concen: 106.81 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

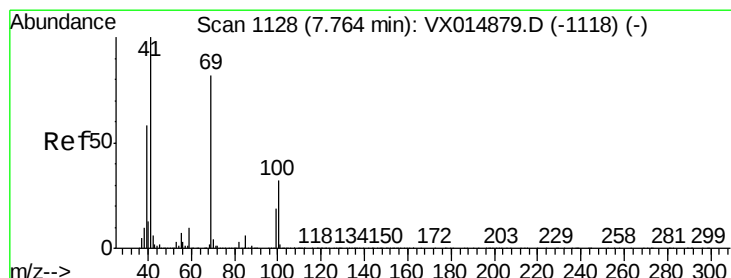
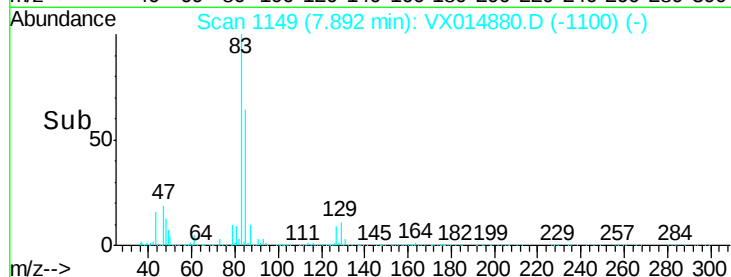
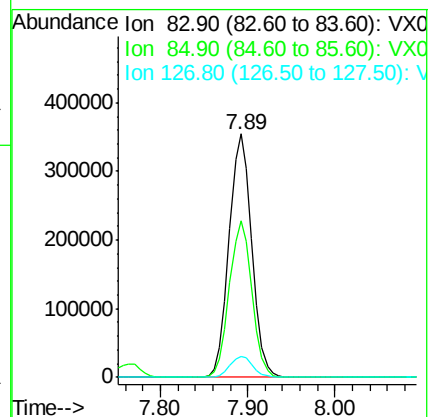
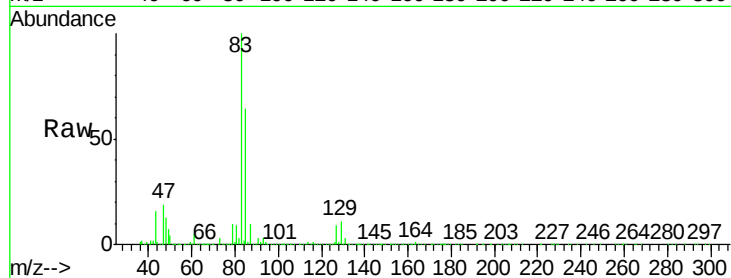
Tgt Ion: 83 Resp: 636823

Ion Ratio Lower Upper

83 100

85 64.1 52.5 78.7

127 8.7 7.4 11.0



#48

Methyl methacrylate

Concen: 113.07 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

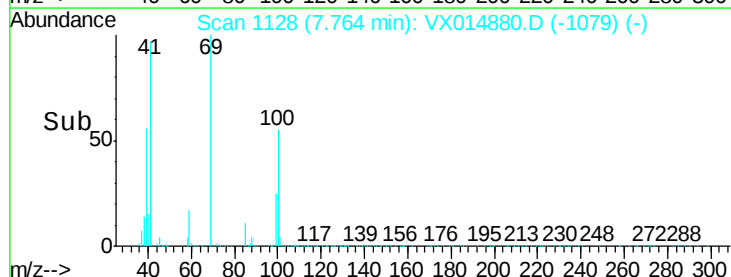
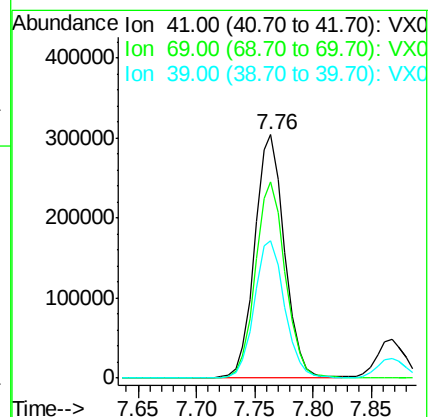
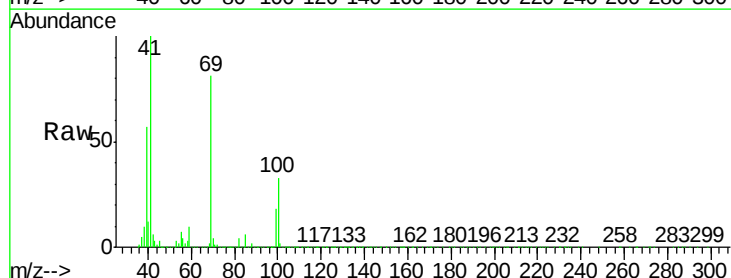
Tgt Ion: 41 Resp: 540140

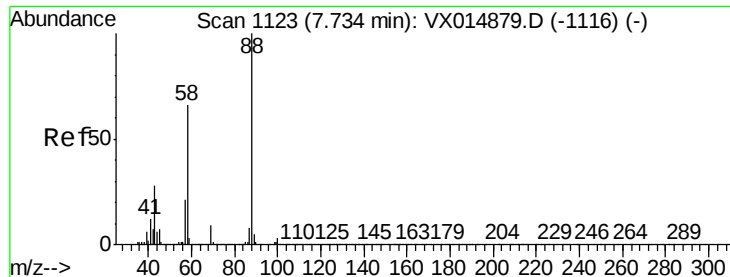
Ion Ratio Lower Upper

41 100

69 81.0 65.7 98.5

39 57.2 45.8 68.8





#49

1,4-Dioxane

Concen: 2018.32 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

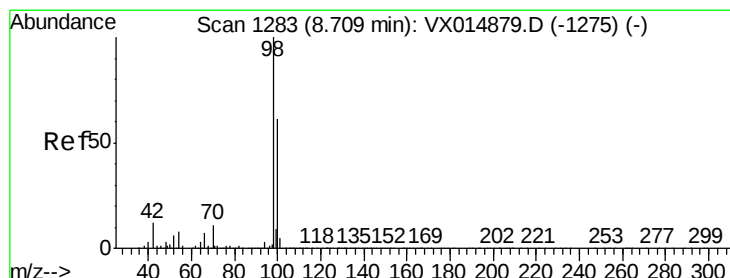
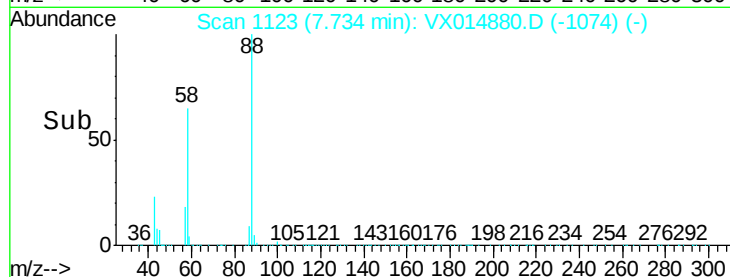
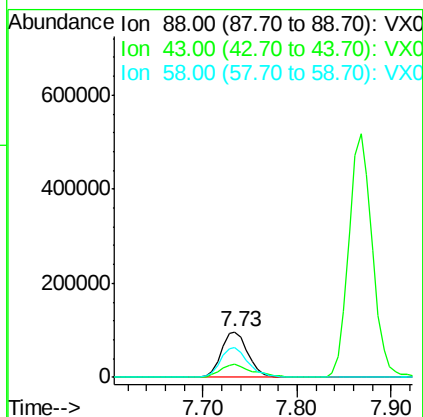
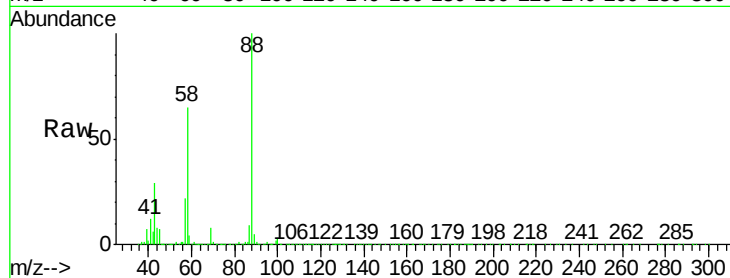
Tgt Ion: 88 Resp: 186832

Ion Ratio Lower Upper

88 100

43 34.2 27.0 40.4

58 68.2 53.2 79.8



#50

Toluene-d8

Concen: 98.55 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014880.D

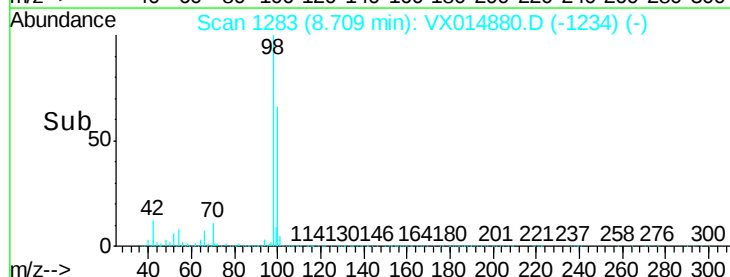
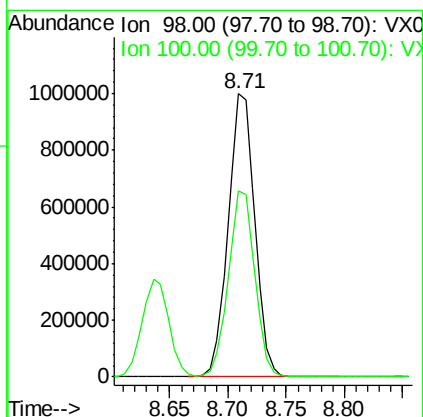
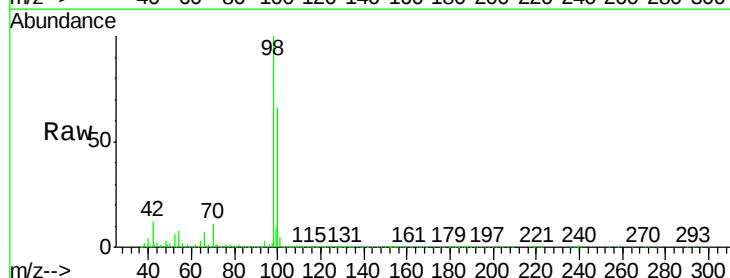
Acq: 10 Feb 2020 11:24

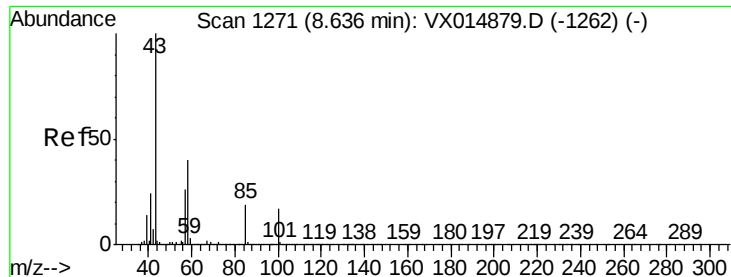
Tgt Ion: 98 Resp: 1584628

Ion Ratio Lower Upper

98 100

100 65.4 52.4 78.6

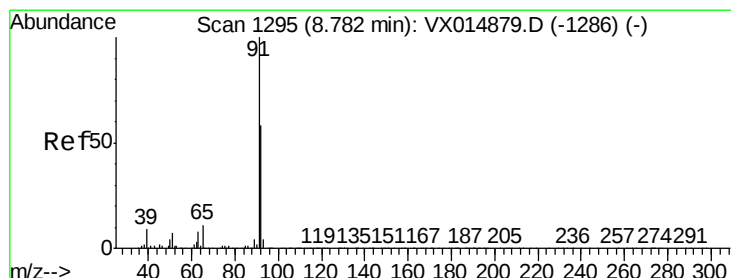
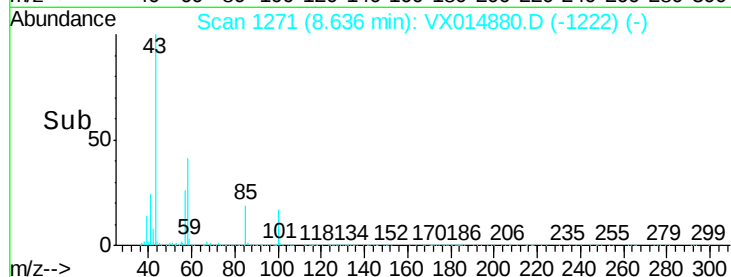
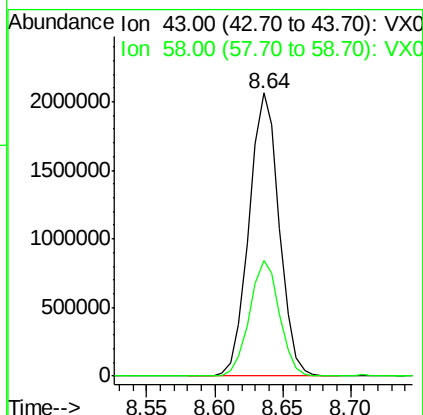
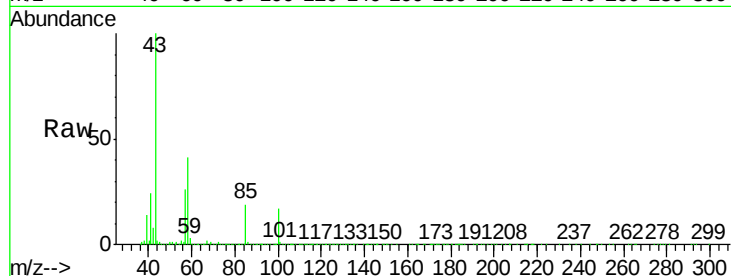




#51
4-Methyl-2-Pentanone
Concen: 538.12 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

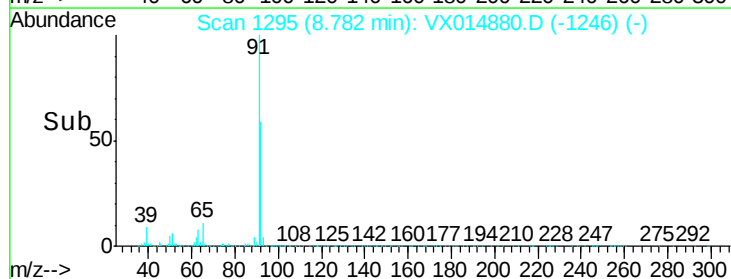
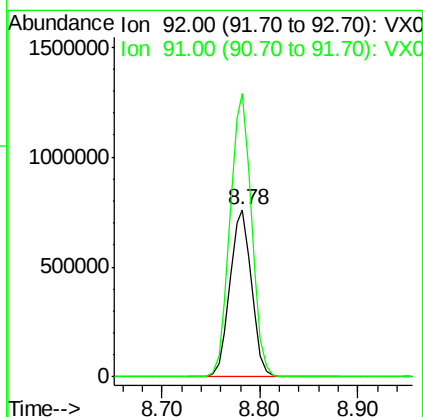
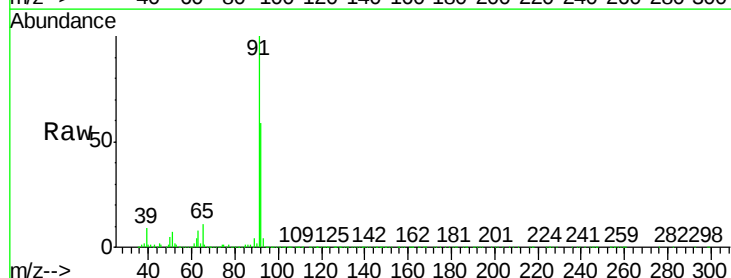
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

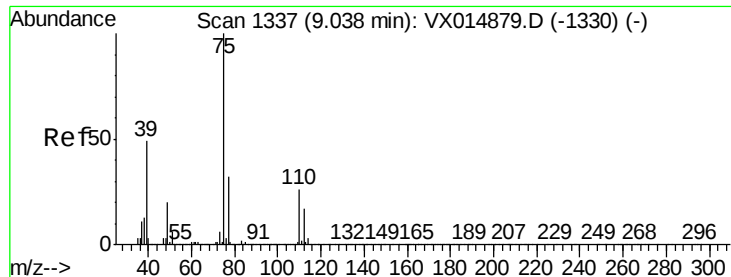
Tgt Ion: 43 Resp: 3210609
Ion Ratio Lower Upper
43 100
58 40.3 31.9 47.9



#52
Toluene
Concen: 104.71 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

Tgt Ion: 92 Resp: 1157308
Ion Ratio Lower Upper
92 100
91 169.3 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 113.44 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

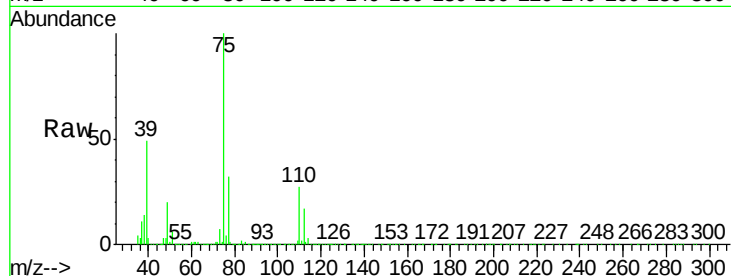
VSTDIC100

Tgt Ion: 75 Resp: 722110

Ion Ratio Lower Upper

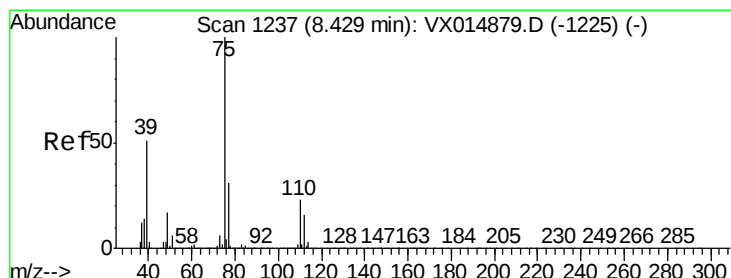
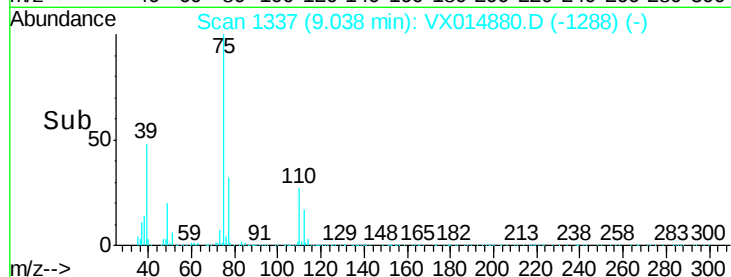
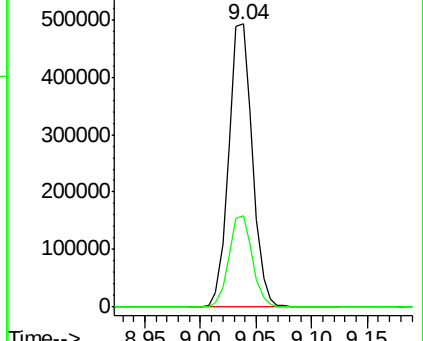
75 100

77 32.1 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 109.08 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

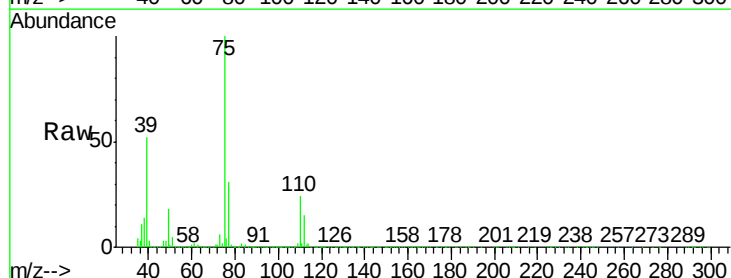
Tgt Ion: 75 Resp: 780002

Ion Ratio Lower Upper

75 100

77 31.4 24.6 37.0

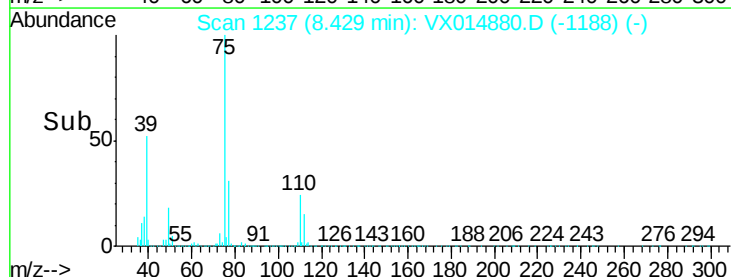
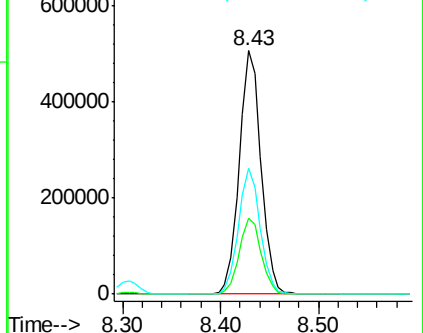
39 51.5 40.9 61.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

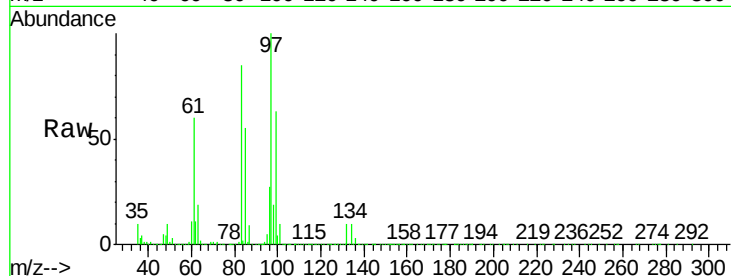




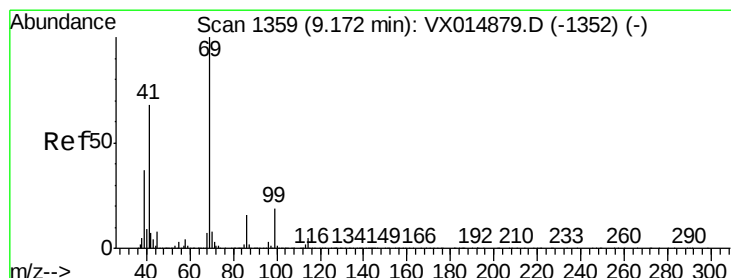
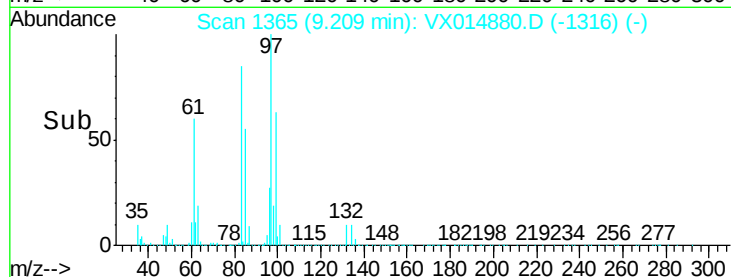
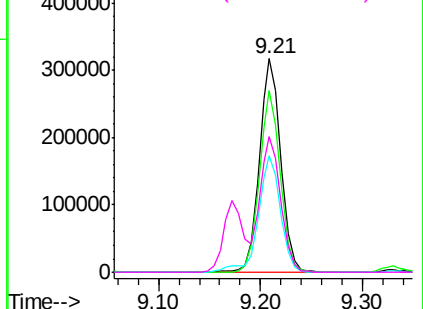
#55
 1,1,2-Trichloroethane
 Concen: 103.60 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014880.D
 Acq: 10 Feb 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	464201
Ion	Ratio	Lower	Upper
97	100		
83	84.9	66.6	99.8
85	54.8	43.5	65.3
99	63.4	49.6	74.4

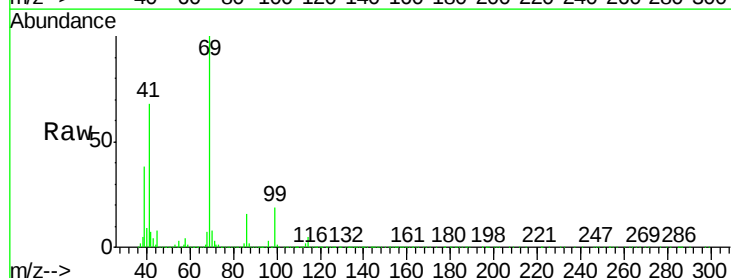


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

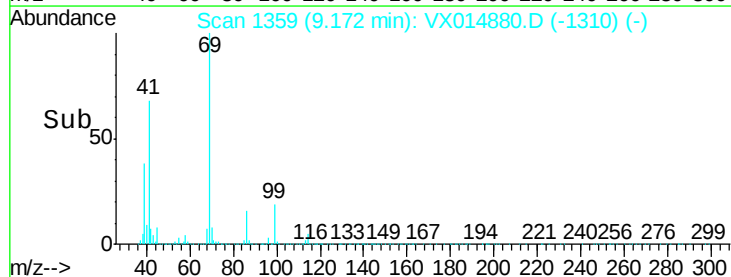
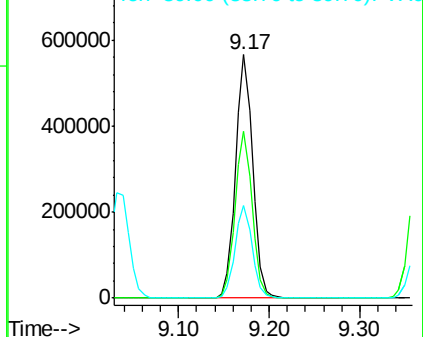


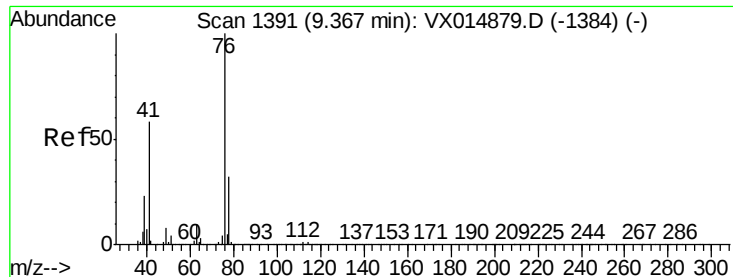
#56
 Ethyl methacrylate
 Concen: 115.23 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014880.D
 Acq: 10 Feb 2020 11:24

Tgt Ion:	69	Resp:	742295
Ion	Ratio	Lower	Upper
69	100		
41	68.1	54.8	82.2
39	38.0	29.9	44.9



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

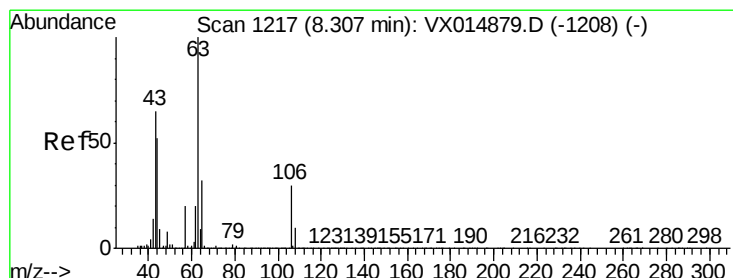
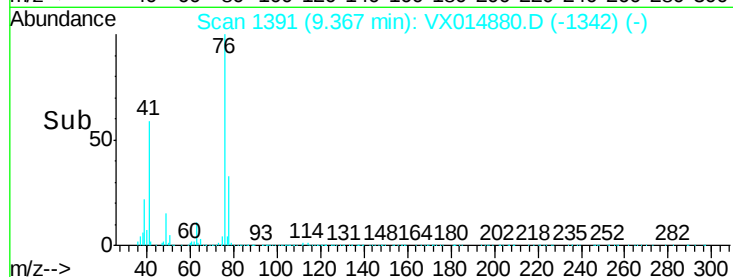
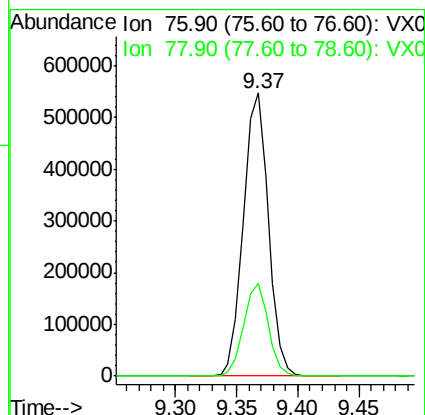
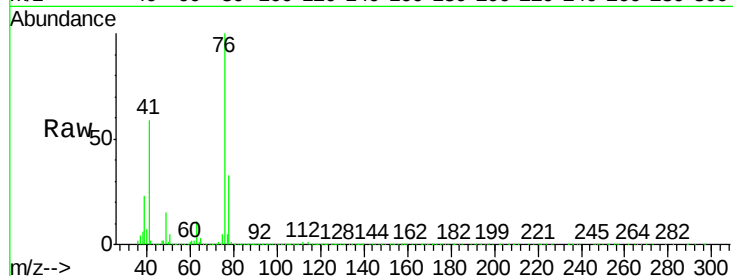




#57
 1,3-Dichloropropane
 Concen: 102.47 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014880.D
 Acq: 10 Feb 2020 11:24

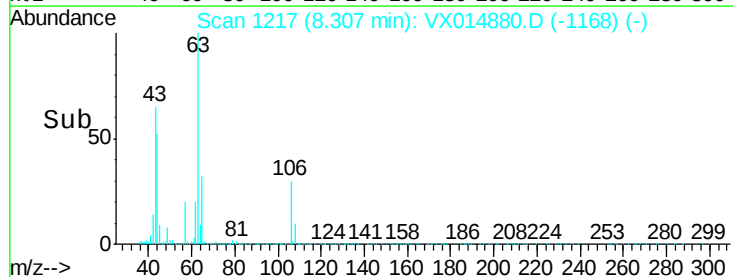
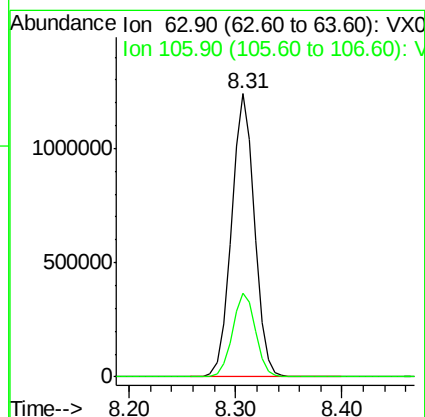
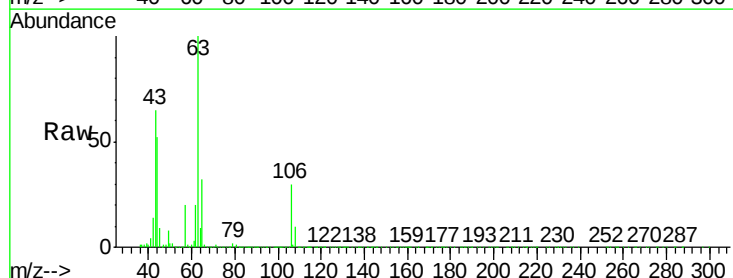
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

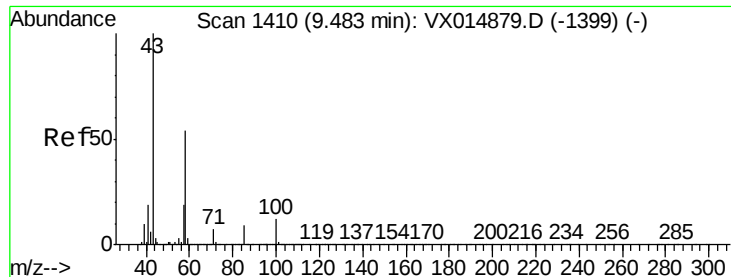
Tgt Ion: 76 Resp: 774815
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 536.73 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014880.D
 Acq: 10 Feb 2020 11:24

Tgt Ion: 63 Resp: 1872105
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.8 35.8

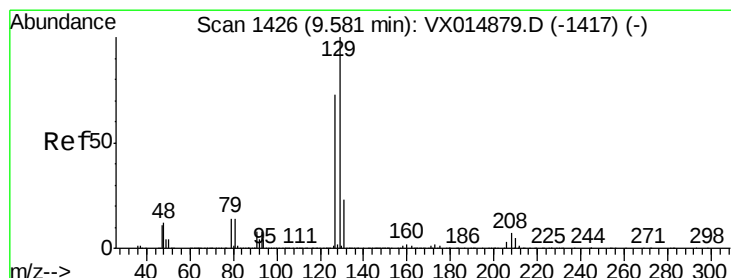
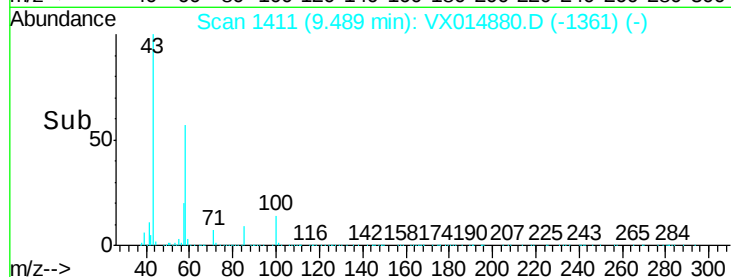
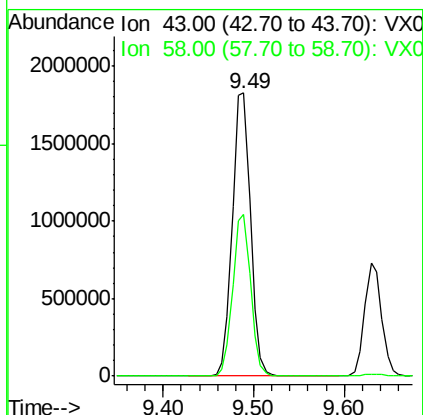
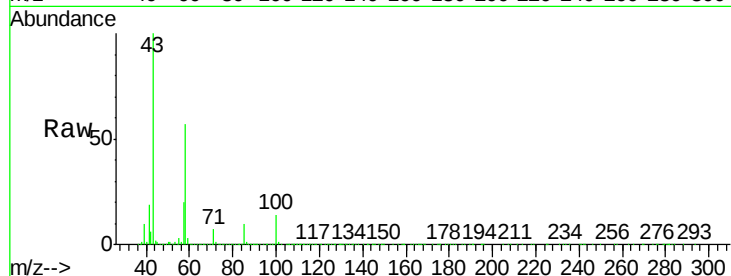




#59
2-Hexanone
Concen: 547.67 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

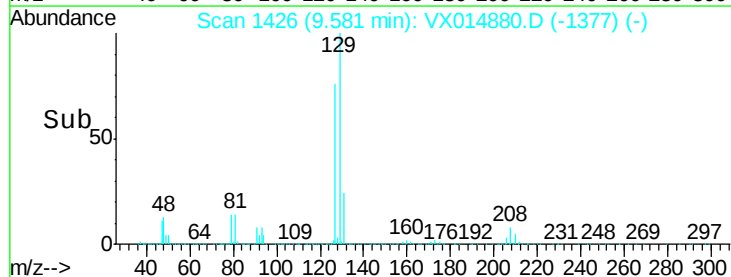
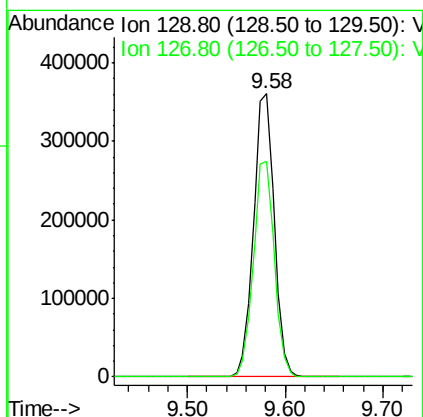
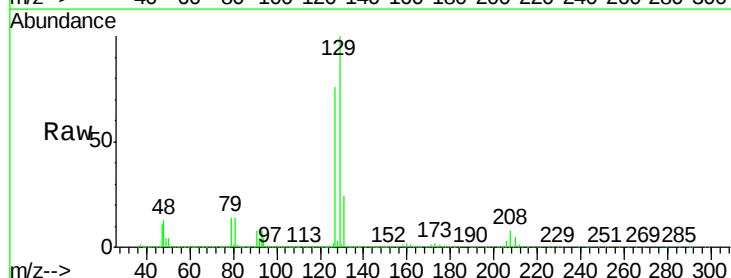
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

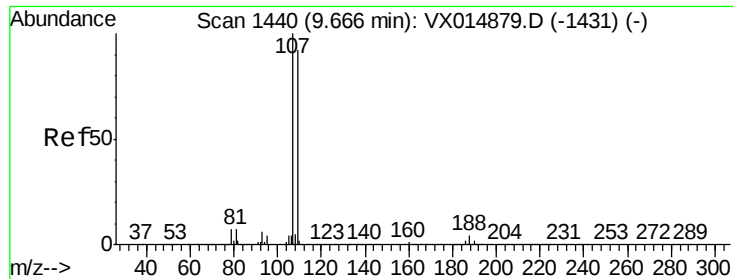
Tgt Ion: 43 Resp: 2549955
Ion Ratio Lower Upper
43 100
58 56.1 27.5 82.5



#60
Dibromochloromethane
Concen: 114.29 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

Tgt Ion: 129 Resp: 531276
Ion Ratio Lower Upper
129 100
127 76.8 37.8 113.3





#61

1,2-Dibromoethane

Concen: 102.20 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

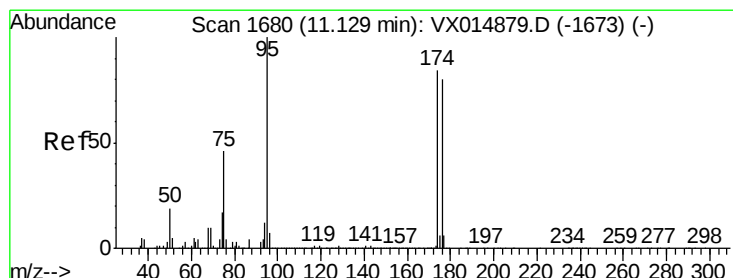
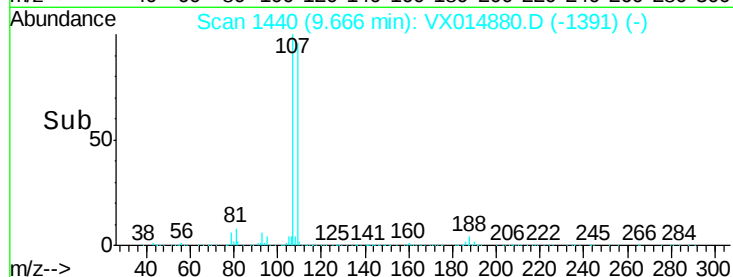
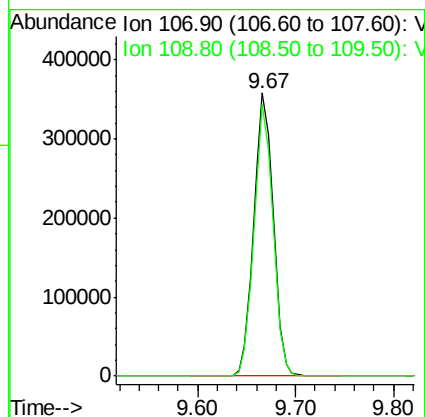
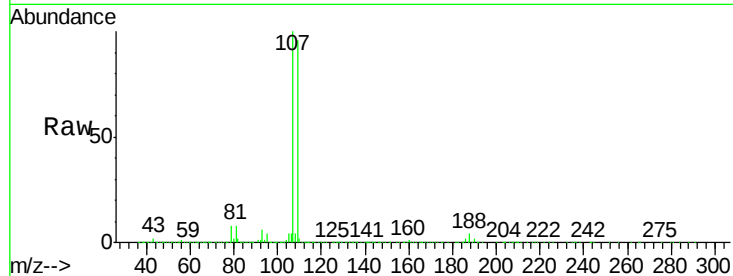
VSTDIC100

Tgt Ion: 107 Resp: 495509

Ion Ratio Lower Upper

107 100

109 94.4 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 106.67 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

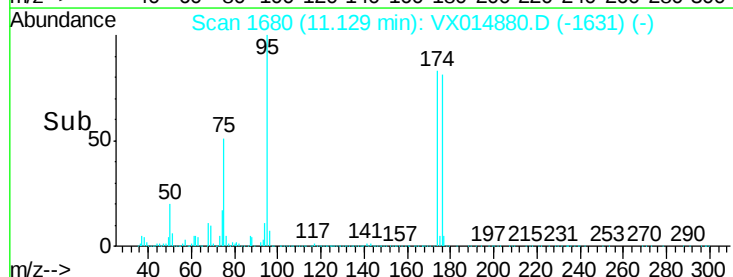
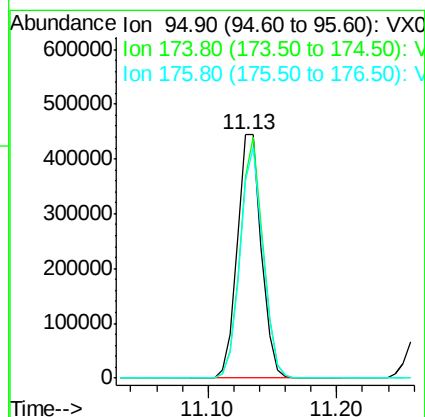
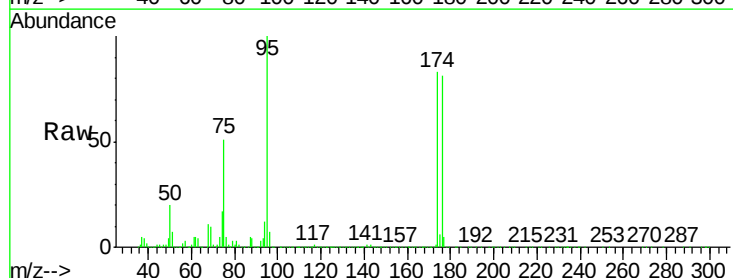
Tgt Ion: 95 Resp: 579892

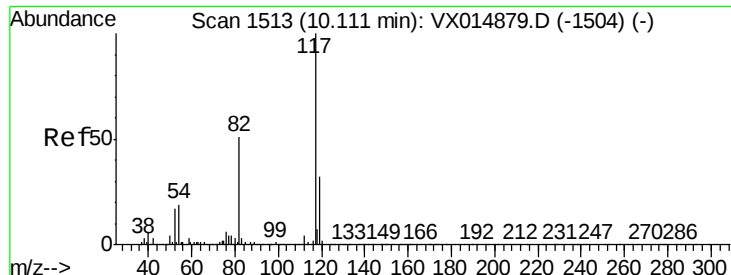
Ion Ratio Lower Upper

95 100

174 92.8 0.0 183.0

176 89.7 0.0 178.0

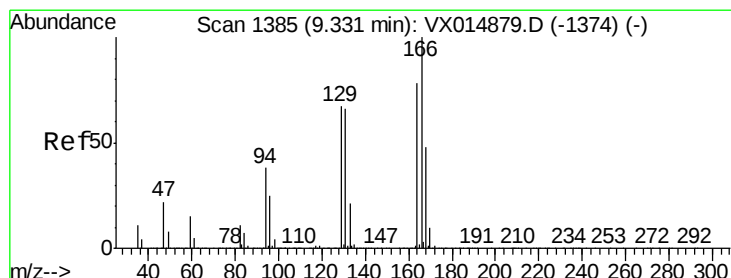
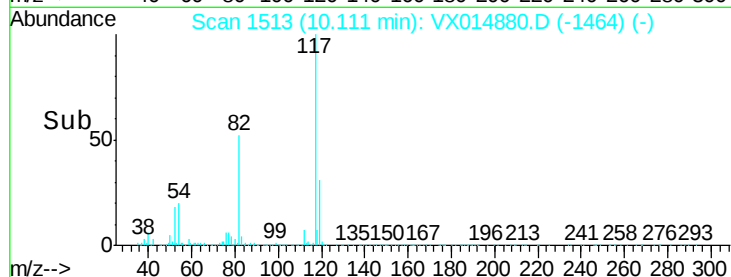
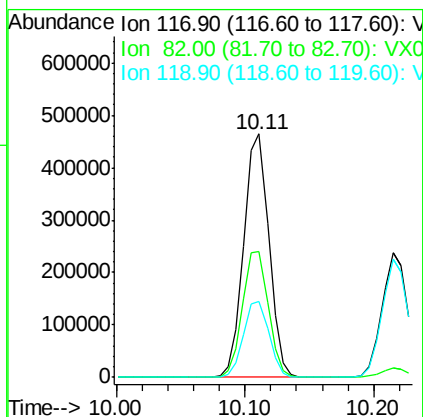
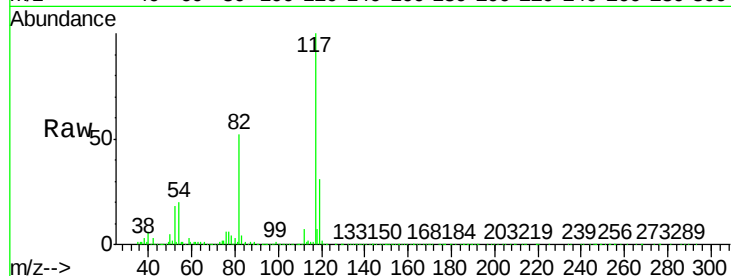




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

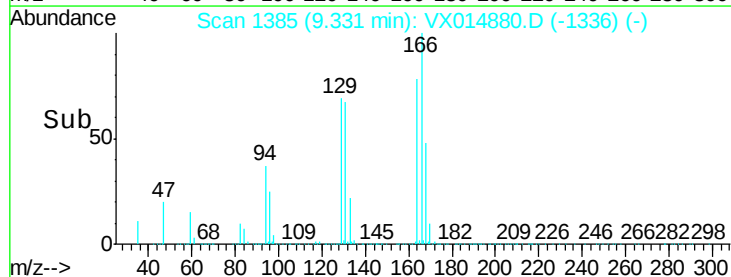
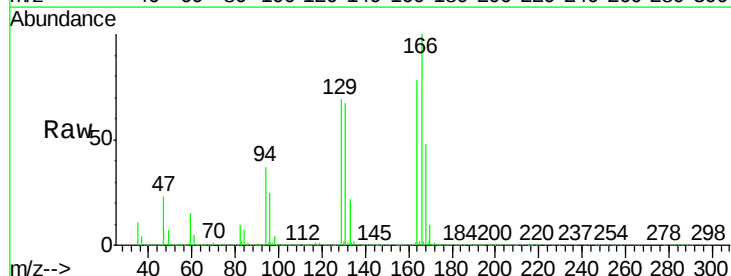
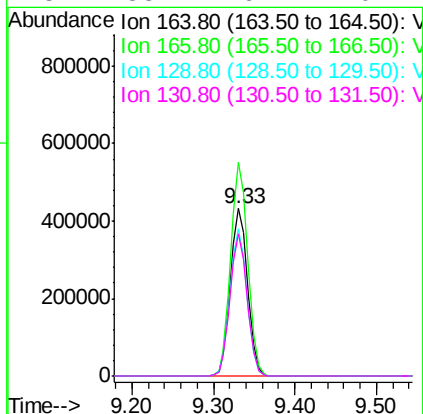
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.5	40.5	60.7
119	31.3	25.8	38.6



#64
Tetrachloroethene
Concen: 107.72 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	102.6	153.8
129	88.1	68.3	102.5
131	85.1	67.4	101.2





#65

Chlorobenzene

Concen: 100.45 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

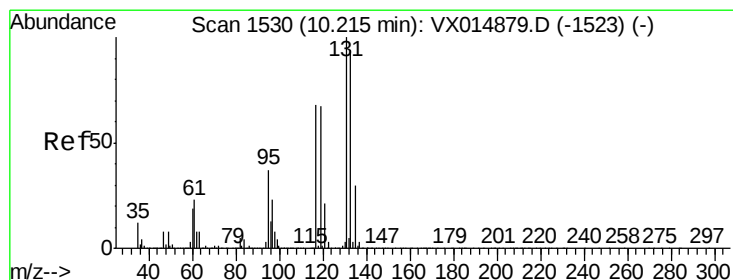
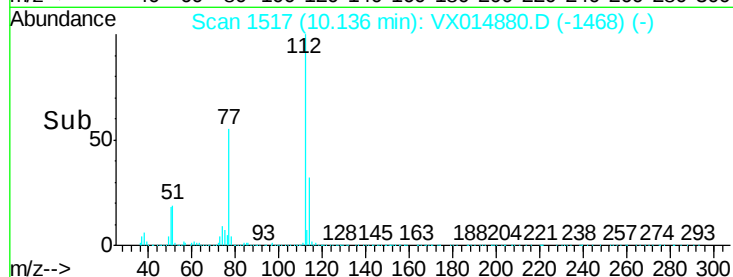
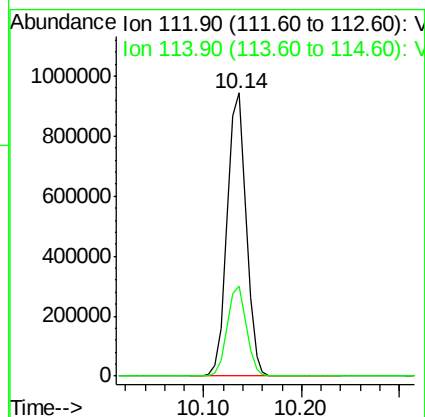
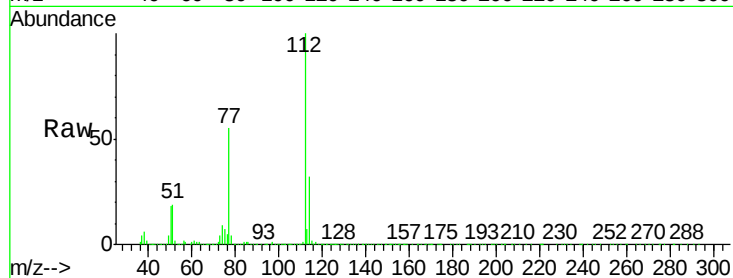
VSTDIC100

Tgt Ion:112 Resp: 1275492

Ion Ratio Lower Upper

112 100

114 32.0 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 106.22 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

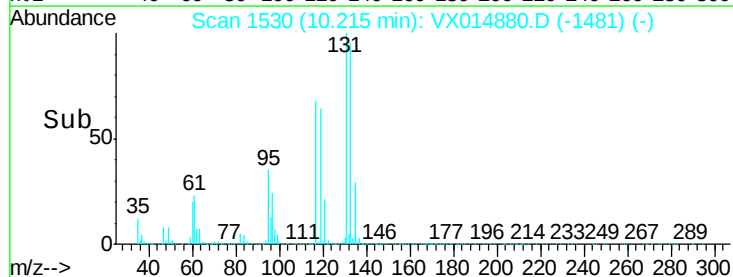
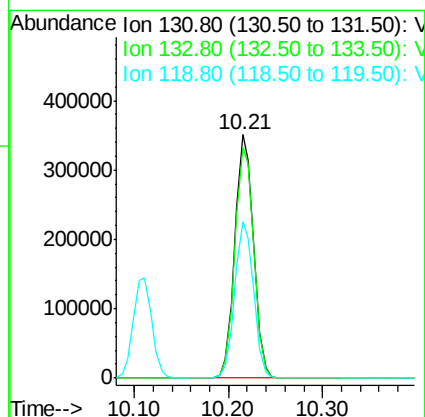
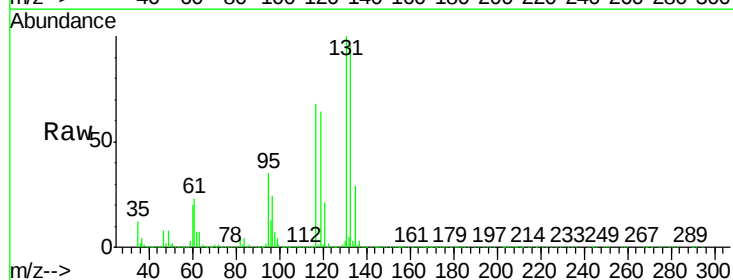
Tgt Ion:131 Resp: 479320

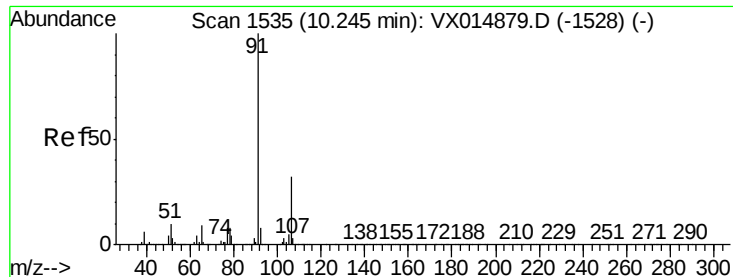
Ion Ratio Lower Upper

131 100

133 96.2 48.1 144.4

119 64.8 33.0 99.0

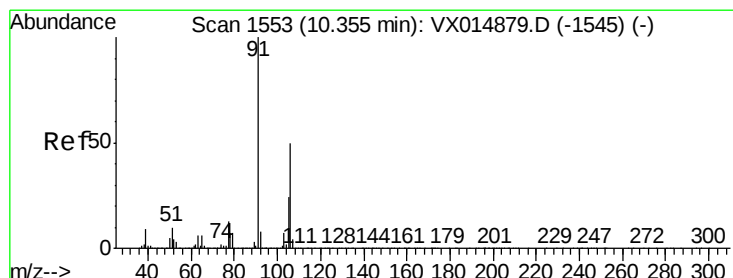
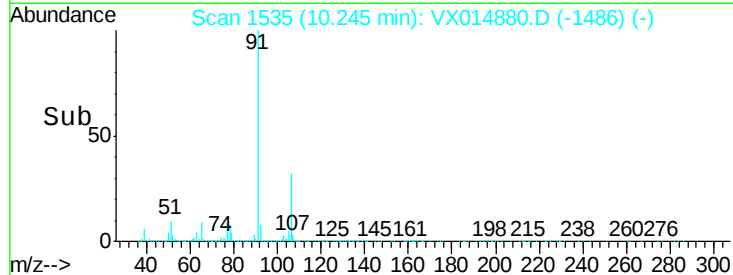
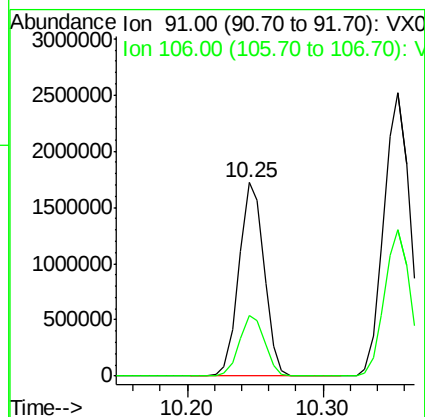
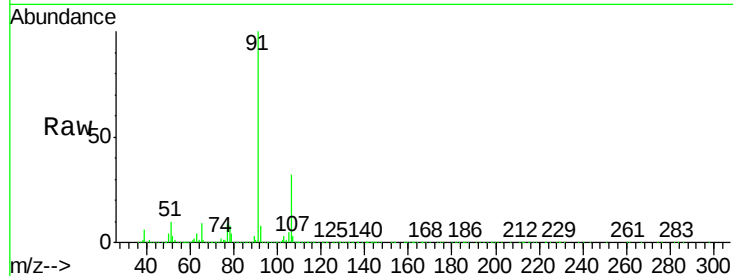




#67
Ethyl Benzene
Concen: 104.62 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

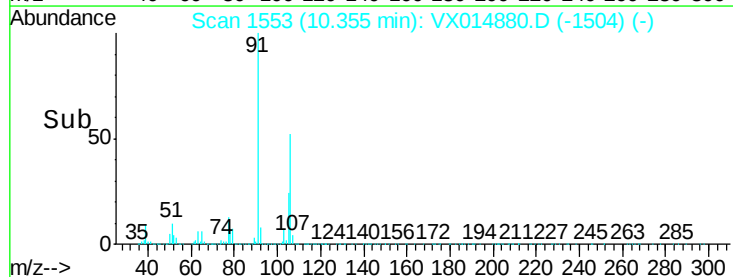
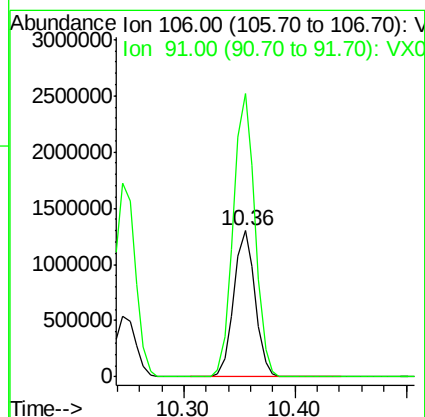
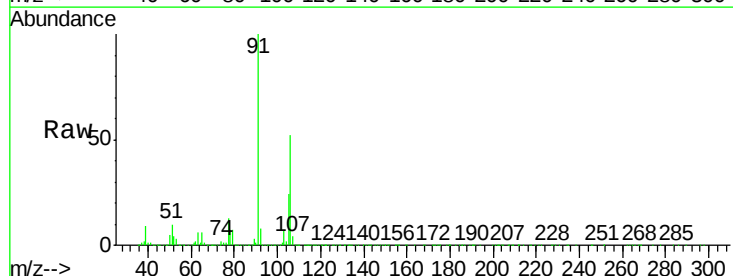
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

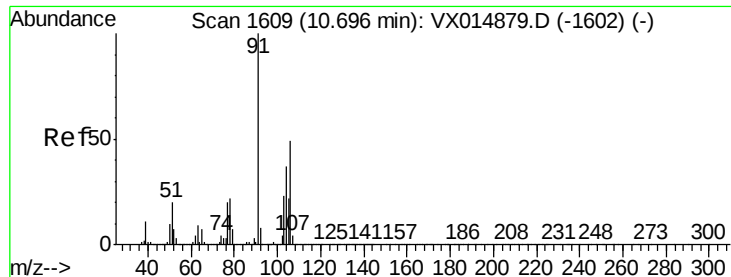
Tgt Ion: 91 Resp: 2224271
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9



#68
m/p-Xylenes
Concen: 210.81 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

Tgt Ion: 106 Resp: 1721510
Ion Ratio Lower Upper
106 100
91 197.1 160.6 240.8

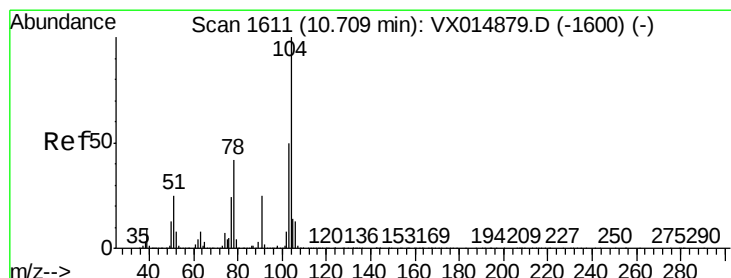
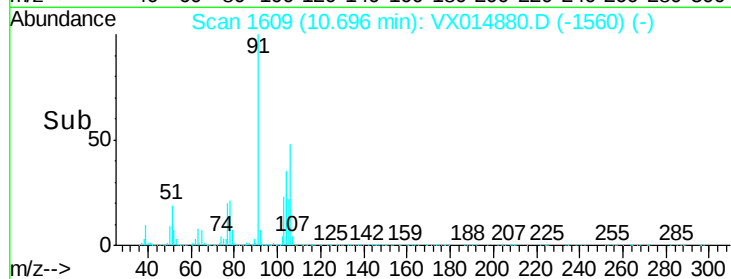
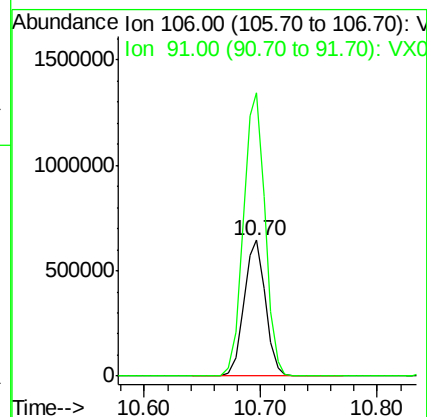
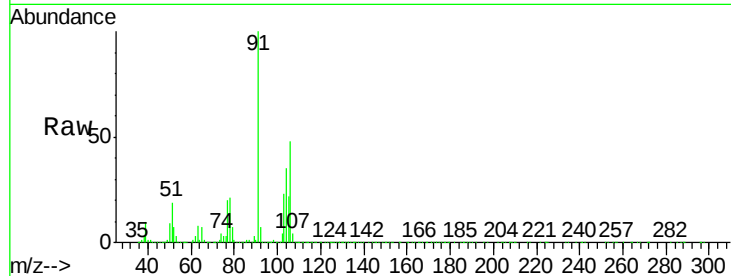




#69
o-Xylene
Concen: 105.36 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

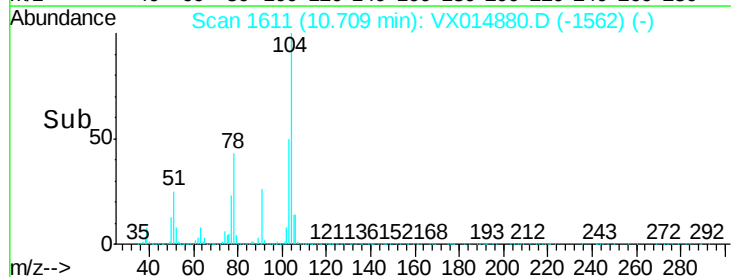
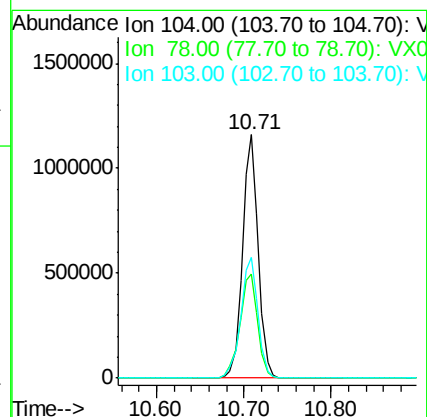
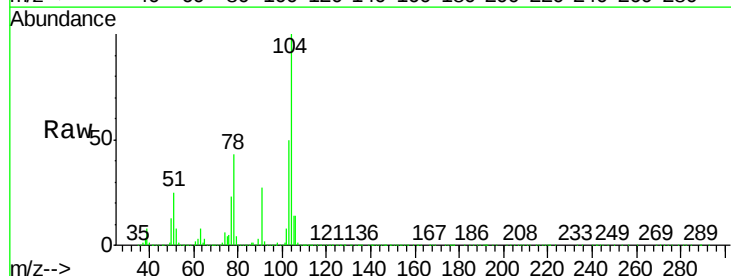
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

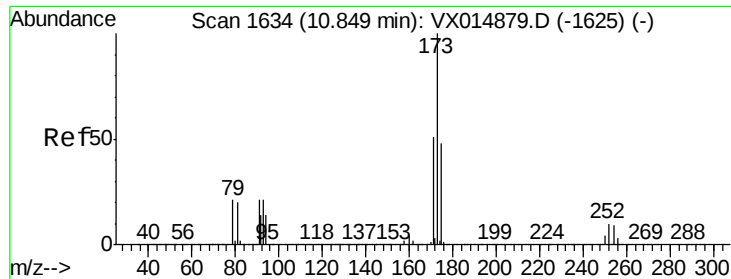
Tgt Ion:106 Resp: 824445
Ion Ratio Lower Upper
106 100
91 210.7 105.1 315.3



#70
Styrene
Concen: 111.63 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

Tgt Ion:104 Resp: 1448979
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.4
103 54.8 43.4 65.0





#71

Bromoform

Concen: 117.98 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

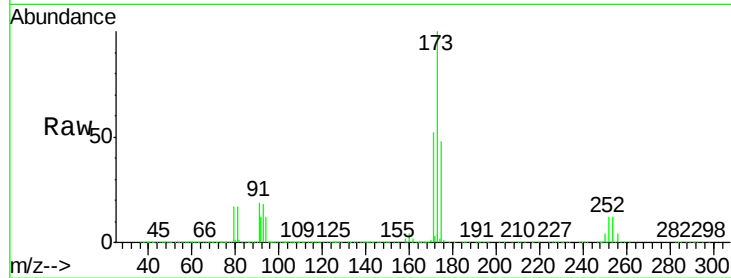
Tgt Ion:173 Resp: 426404

Ion Ratio Lower Upper

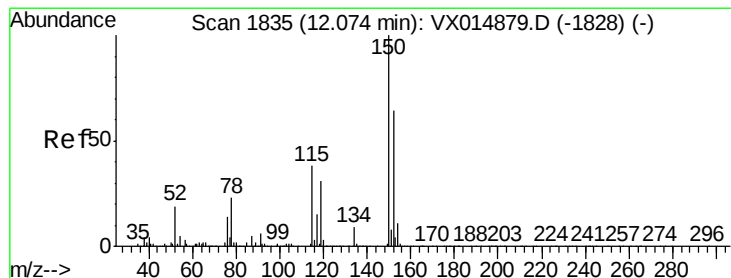
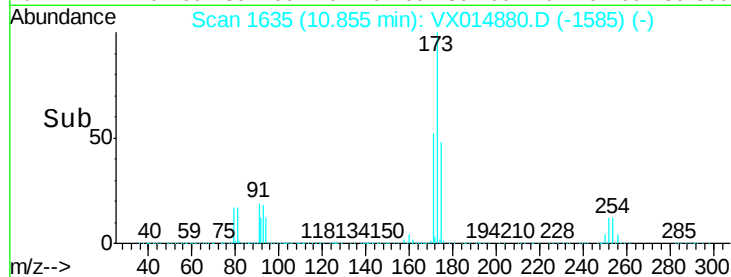
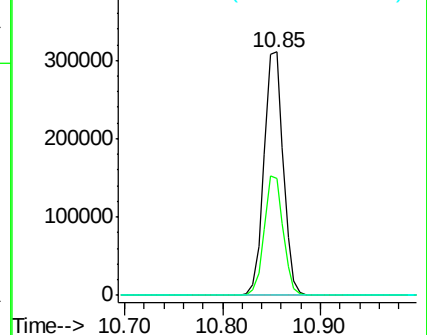
173 100

175 48.2 24.2 72.6

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

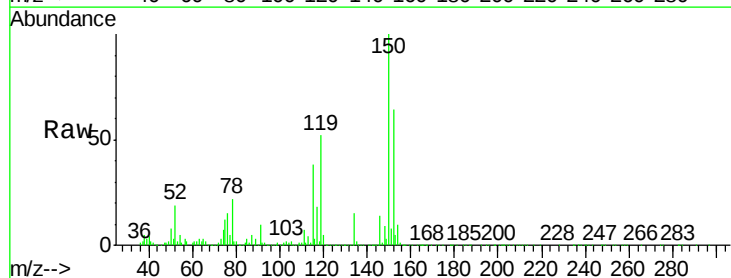
Tgt Ion:152 Resp: 340371

Ion Ratio Lower Upper

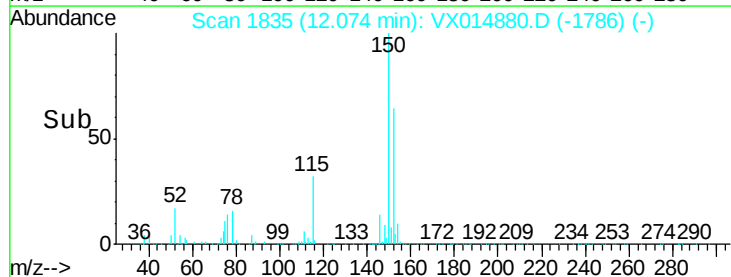
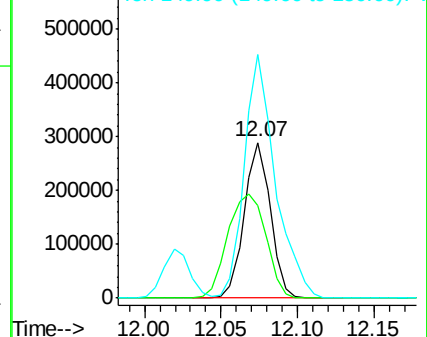
152 100

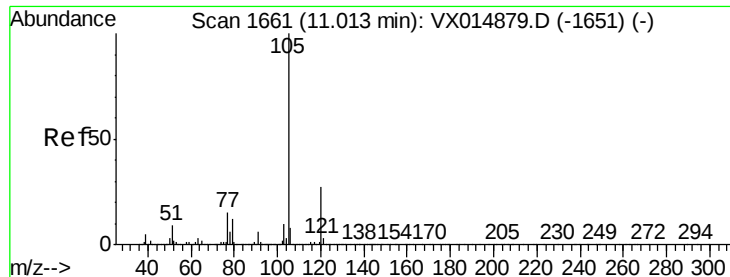
115 98.2 38.6 116.0

150 186.9 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 102.29 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

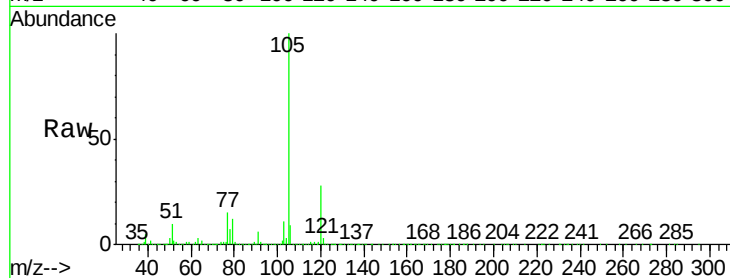
VSTDIC100

Tgt Ion:105 Resp: 2172555

Ion Ratio Lower Upper

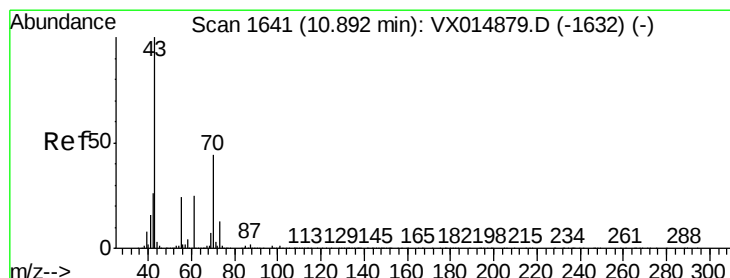
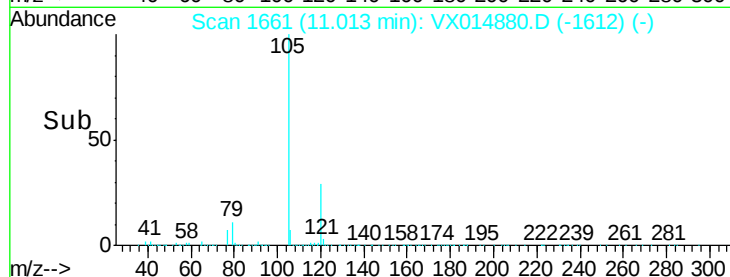
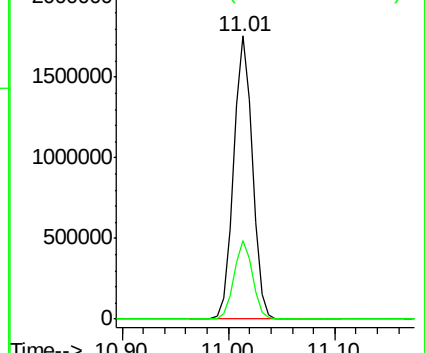
105 100

120 27.4 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 116.32 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

Tgt Ion: 43 Resp: 974381

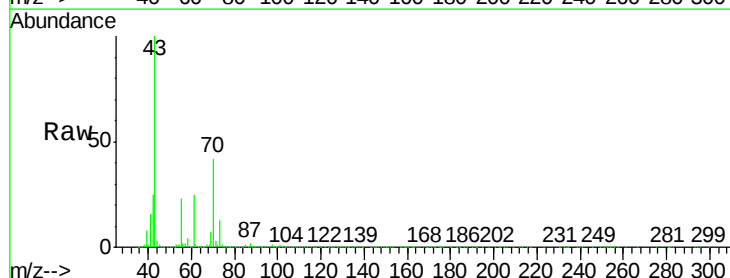
Ion Ratio Lower Upper

43 100

70 44.1 35.0 52.4

55 23.6 19.4 29.2

61 24.9 19.8 29.6

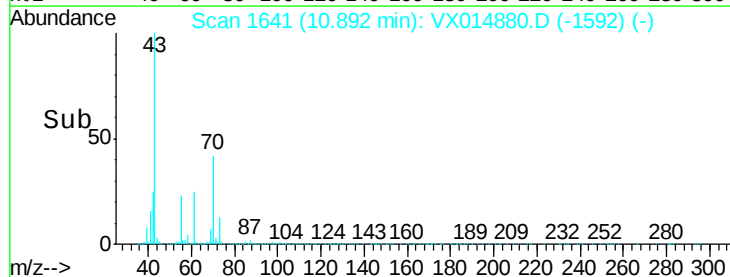
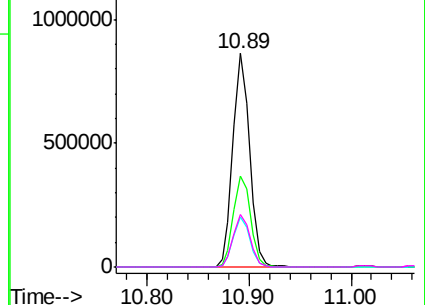


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 98.22 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

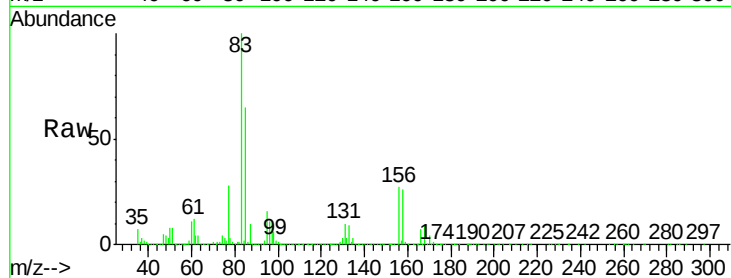
Tgt Ion: 83 Resp: 686924

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

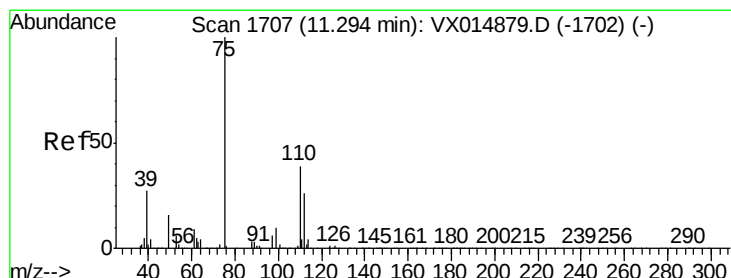
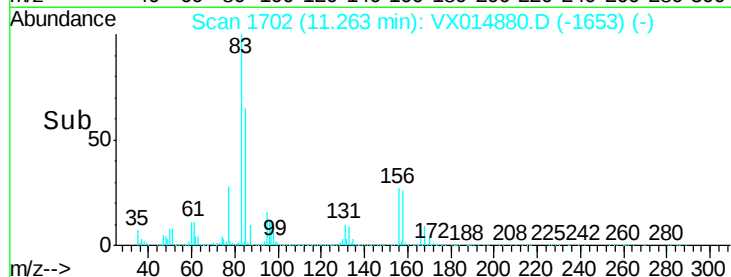
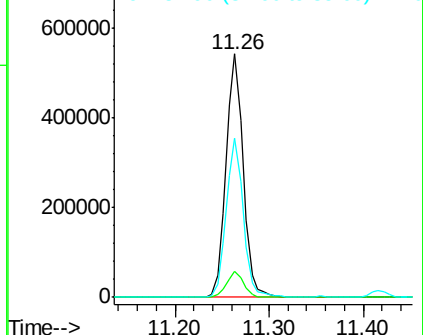
85 64.9 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 112.90 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014880.D

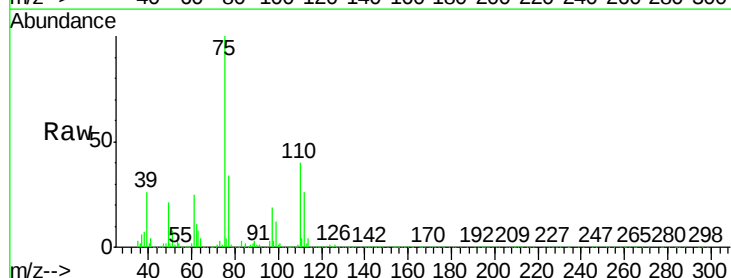
Acq: 10 Feb 2020 11:24

Tgt Ion: 75 Resp: 830611

Ion Ratio Lower Upper

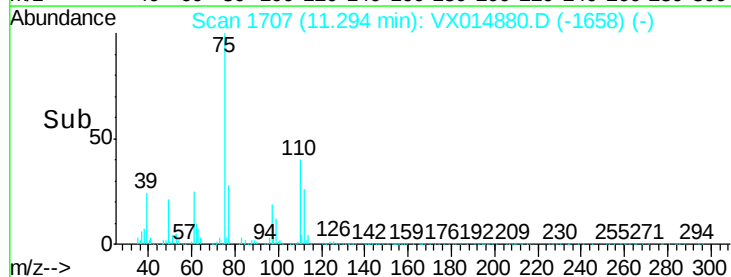
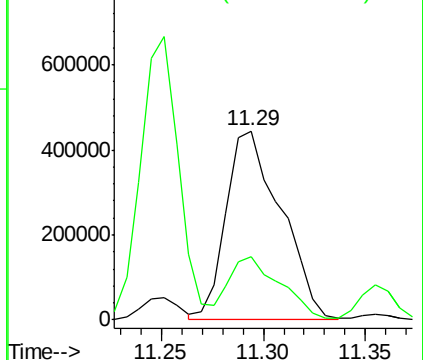
75 100

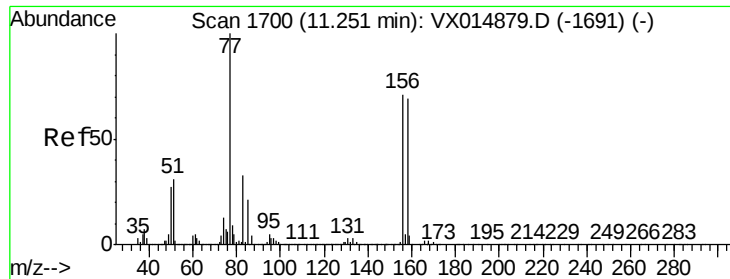
77 31.3 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 100.10 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

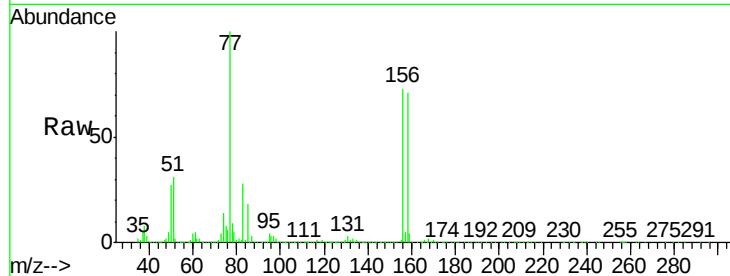
Tgt Ion:156 Resp: 597062

Ion Ratio Lower Upper

156 100

77 145.0 74.0 222.0

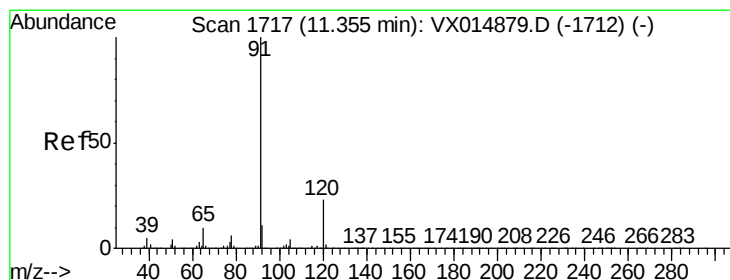
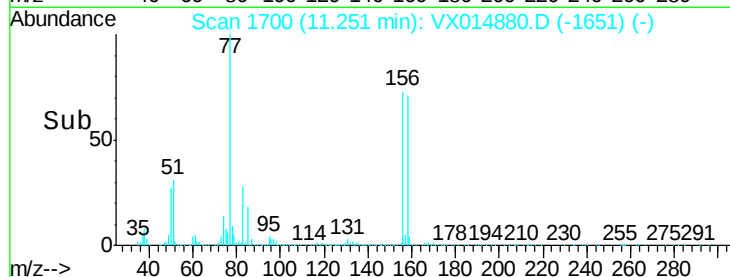
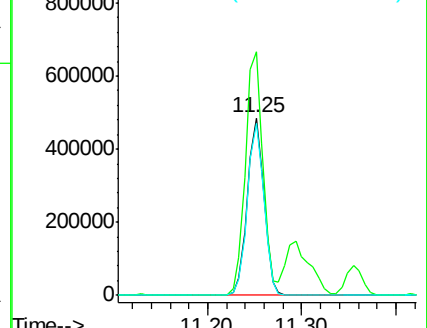
158 97.0 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 103.42 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014880.D

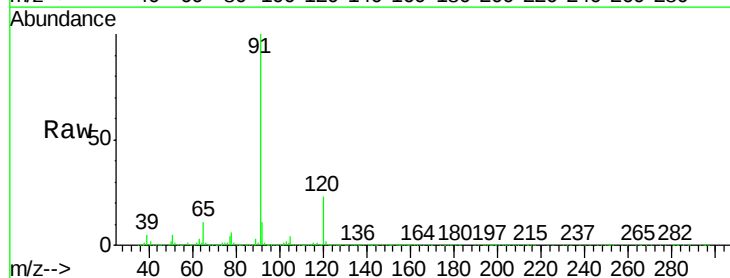
Acq: 10 Feb 2020 11:24

Tgt Ion: 91 Resp: 2530846

Ion Ratio Lower Upper

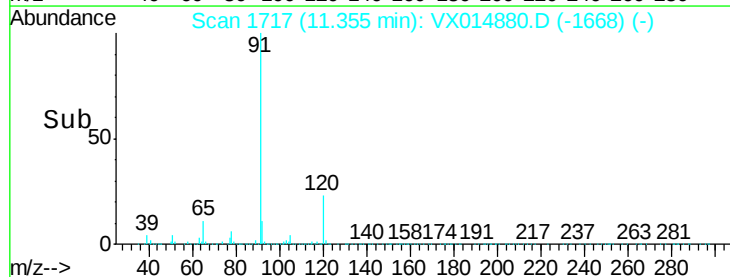
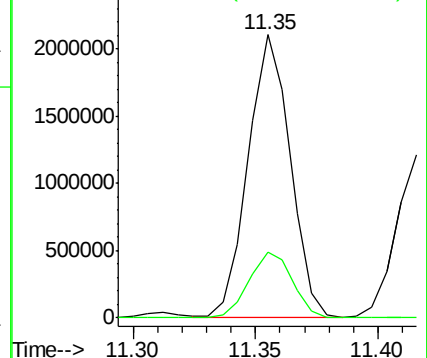
91 100

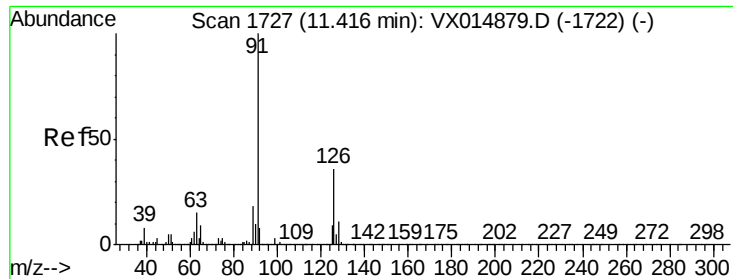
120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

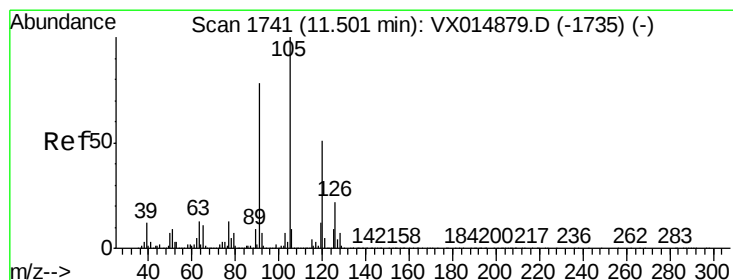
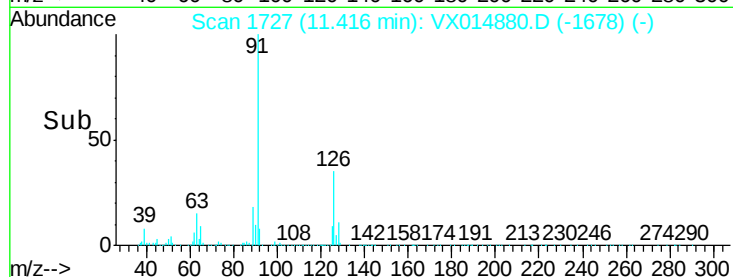
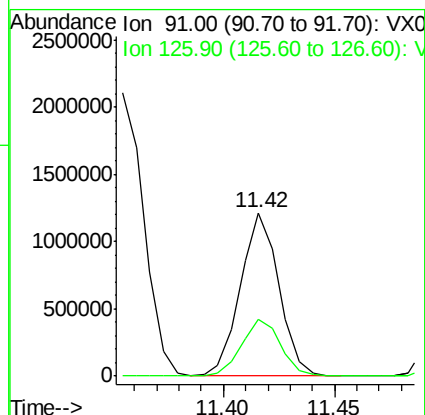
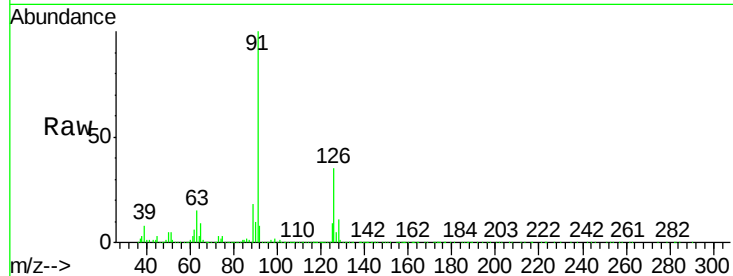




#79
2-Chlorotoluene
Concen: 101.23 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

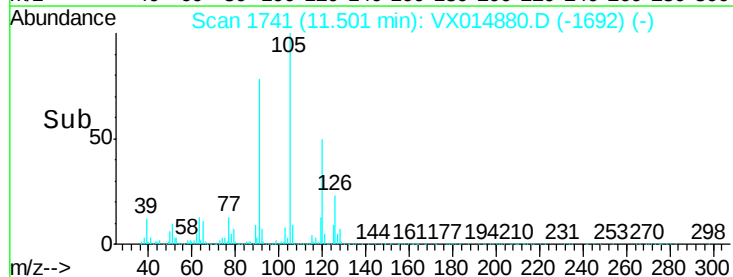
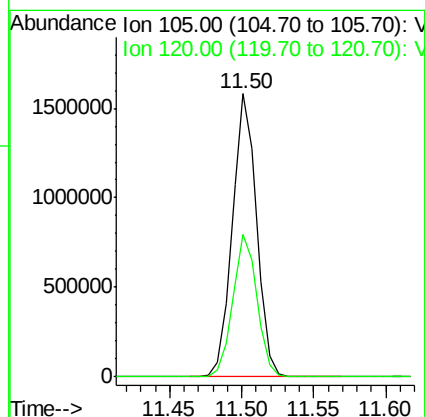
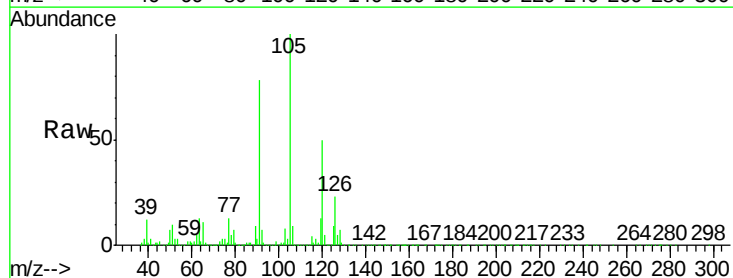
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 1465773
Ion Ratio Lower Upper
91 100
126 35.3 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 107.10 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

Tgt Ion: 105 Resp: 1865751
Ion Ratio Lower Upper
105 100
120 50.2 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 125.55 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

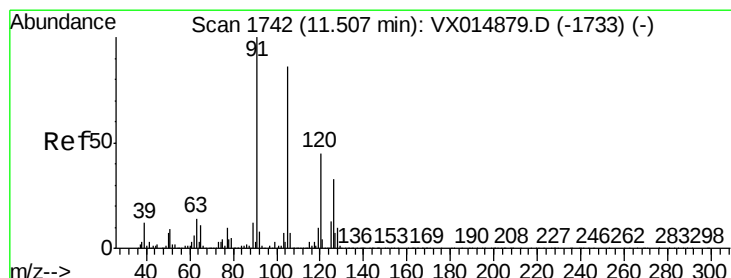
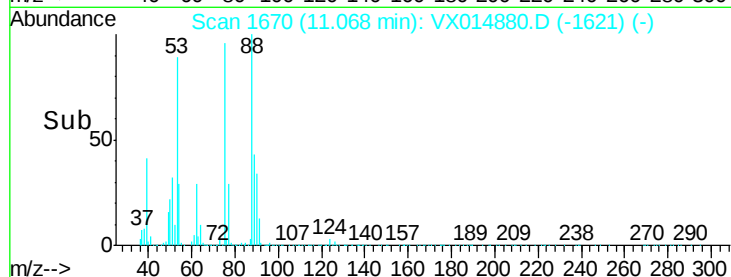
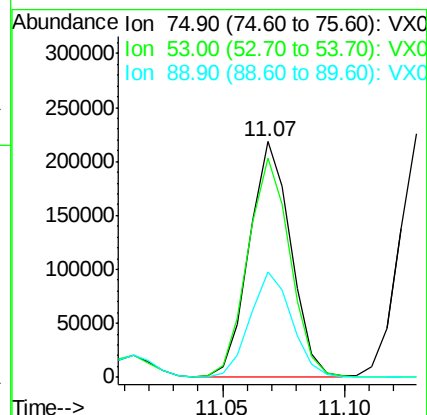
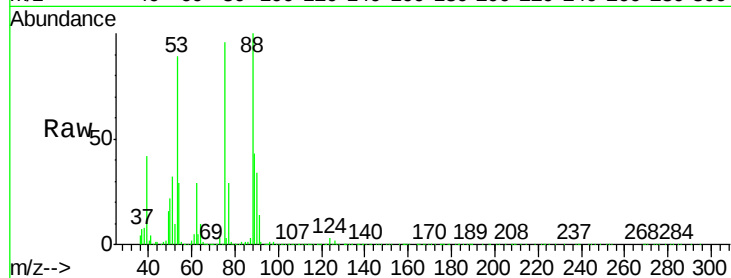
Tgt Ion: 75 Resp: 258127

Ion Ratio Lower Upper

75 100

53 94.7 76.2 114.2

89 45.3 35.8 53.6



#82

4-Chlorotoluene

Concen: 102.29 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014880.D

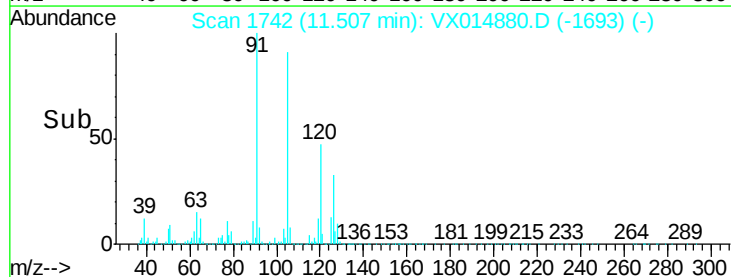
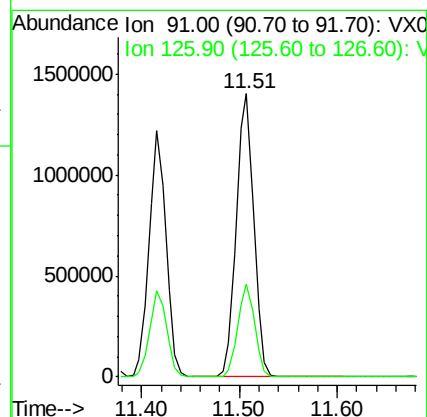
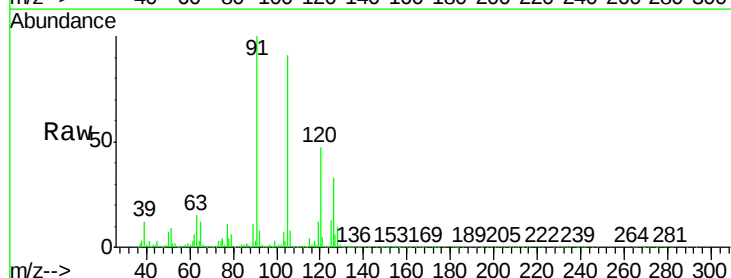
Acq: 10 Feb 2020 11:24

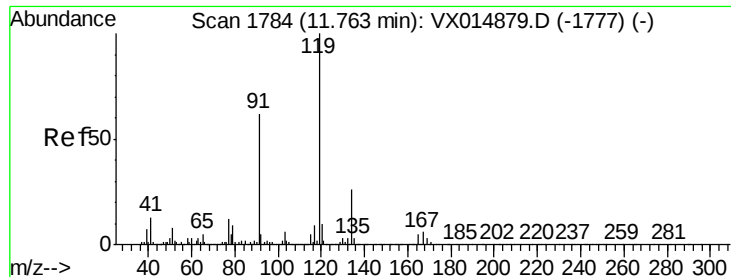
Tgt Ion: 91 Resp: 1742852

Ion Ratio Lower Upper

91 100

126 31.7 15.7 47.0

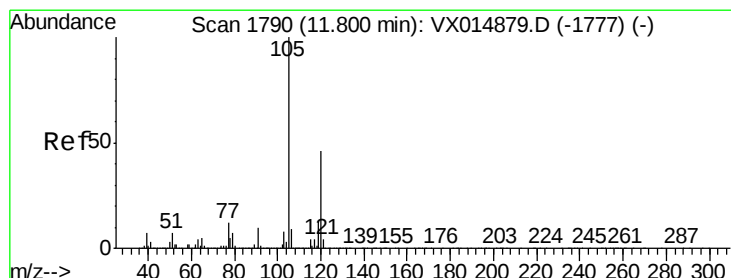
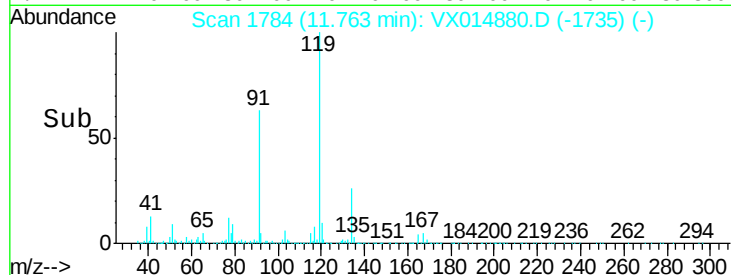
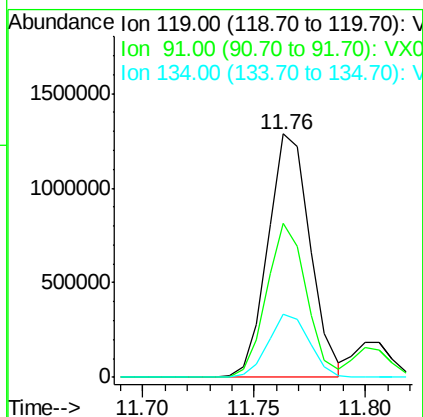
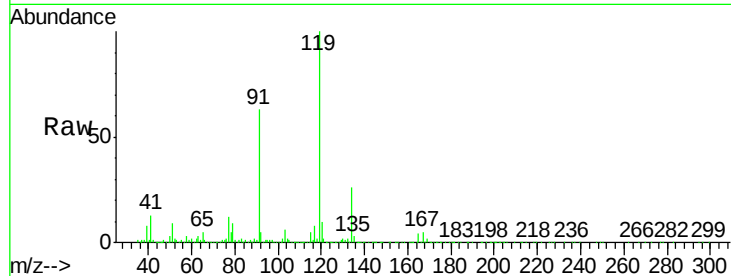




#83
tert-Butylbenzene
Concen: 101.45 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

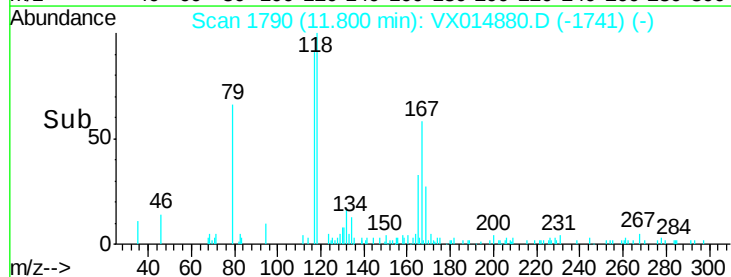
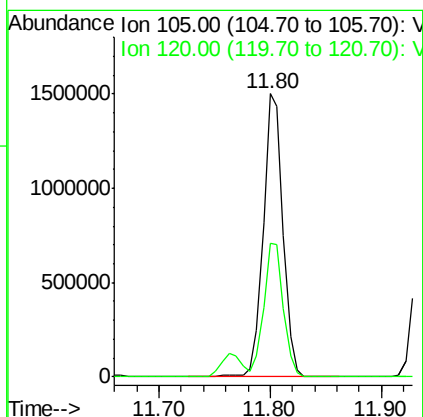
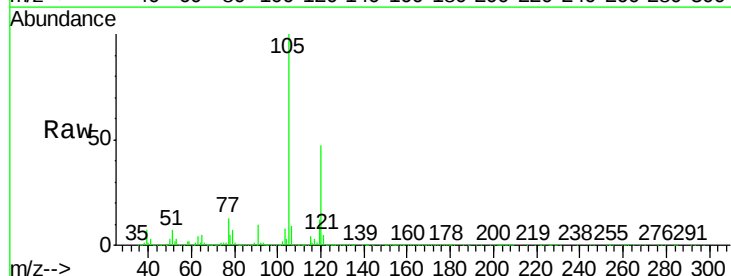
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

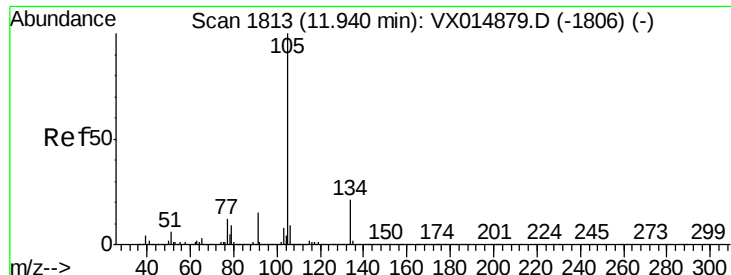
Tgt Ion:119 Resp: 1693719
Ion Ratio Lower Upper
119 100
91 59.5 29.5 88.6
134 25.2 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 105.34 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

Tgt Ion:105 Resp: 1859619
Ion Ratio Lower Upper
105 100
120 46.8 23.0 69.0

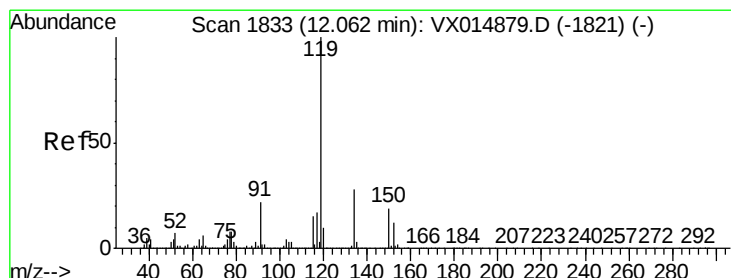
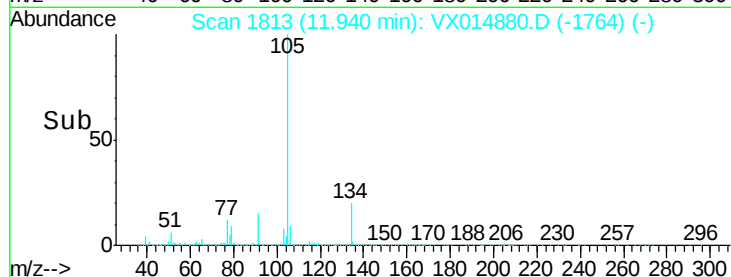
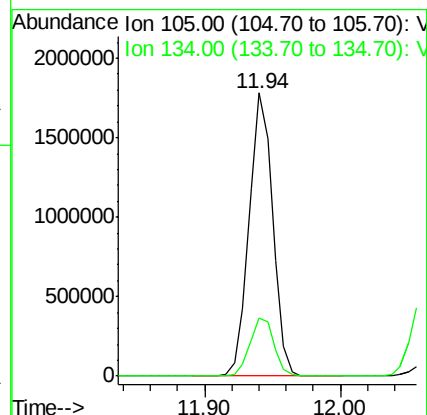
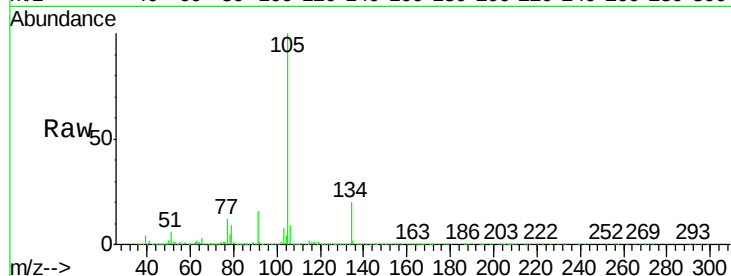




#85
 sec-Butylbenzene
 Concen: 104.66 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX014880.D
 Acq: 10 Feb 2020 11:24

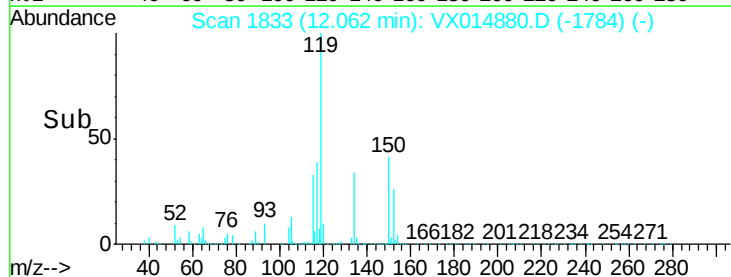
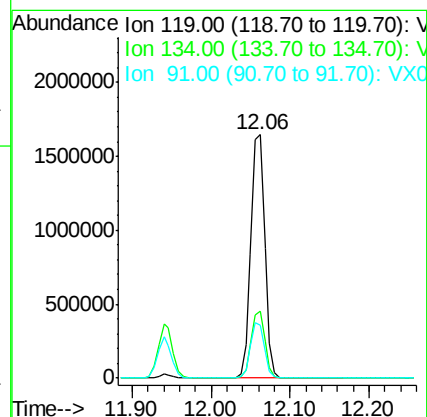
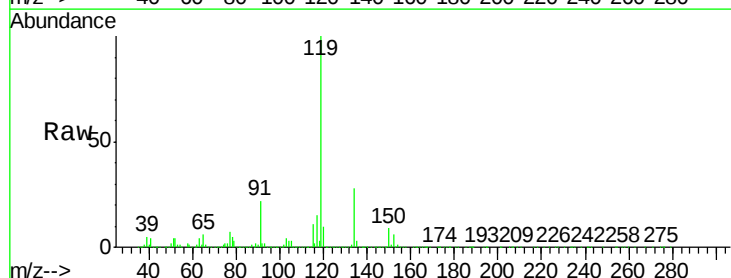
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

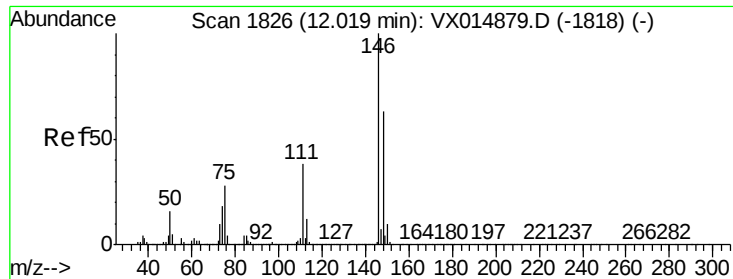
Tgt Ion:105 Resp: 2165532
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 104.94 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014880.D
 Acq: 10 Feb 2020 11:24

Tgt Ion:119 Resp: 2023283
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.5 40.5
 91 22.5 11.4 34.1

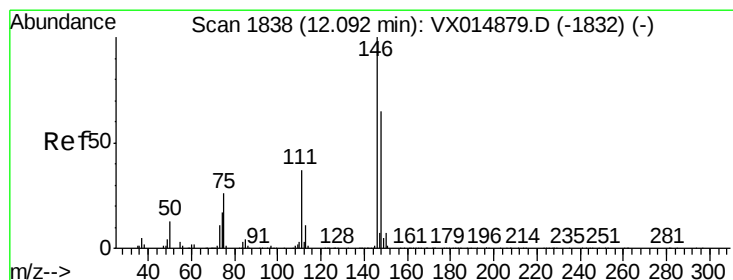
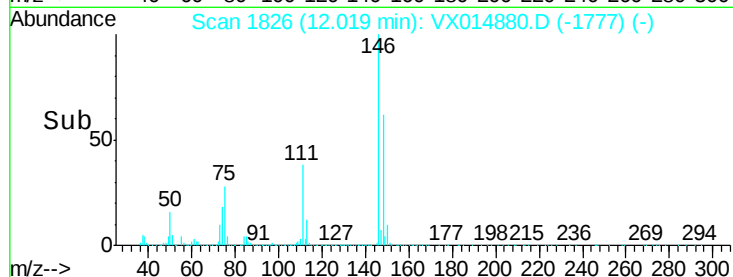
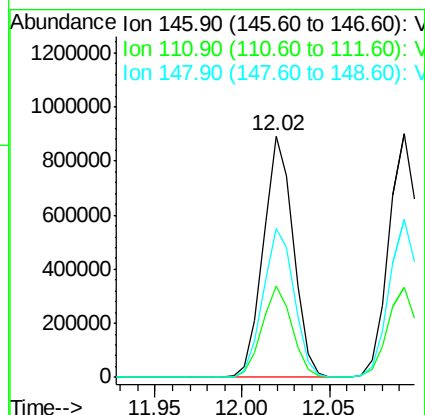
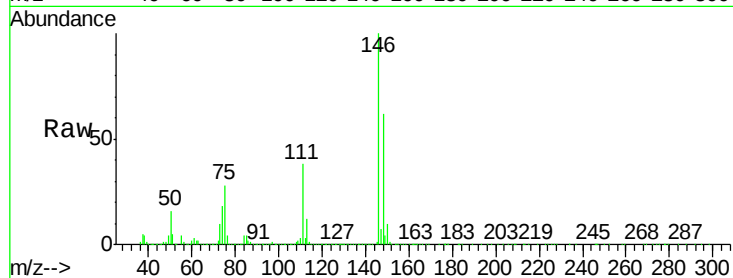




#87
 1,3-Dichlorobenzene
 Concen: 100.06 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014880.D
 Acq: 10 Feb 2020 11:24

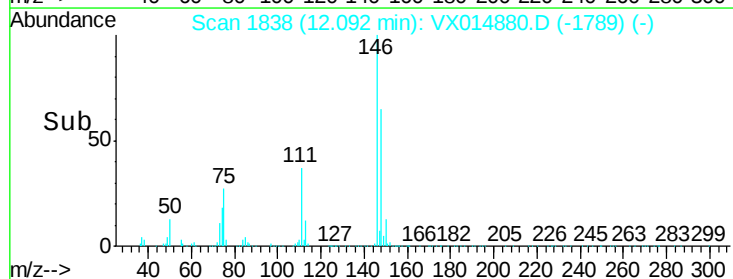
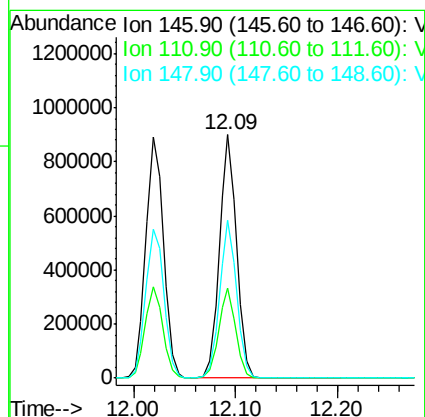
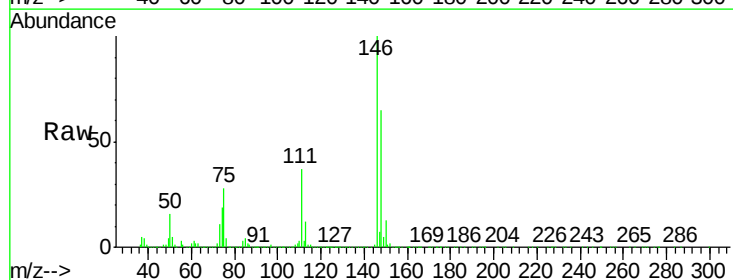
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

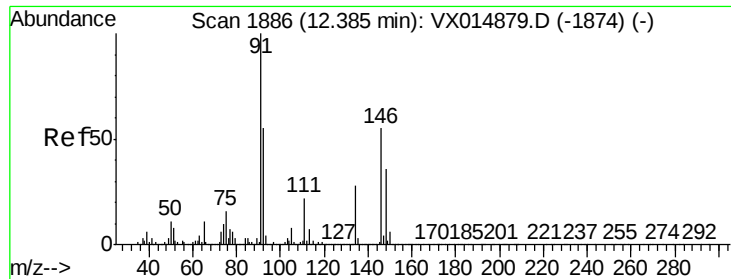
Tgt Ion:146 Resp: 1066197
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.6 56.0
 148 63.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 100.06 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014880.D
 Acq: 10 Feb 2020 11:24

Tgt Ion:146 Resp: 1069172
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.6 55.6
 148 64.3 32.4 97.0





#89

n-Butylbenzene

Concen: 108.80 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014880.D

Acq: 10 Feb 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

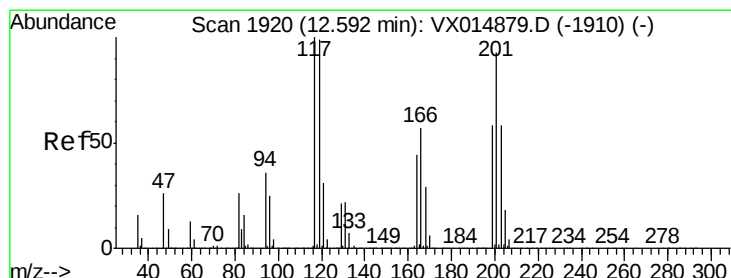
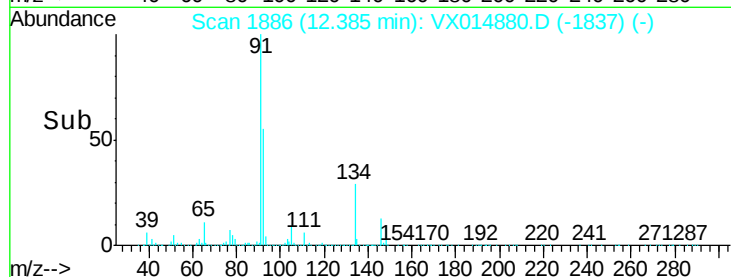
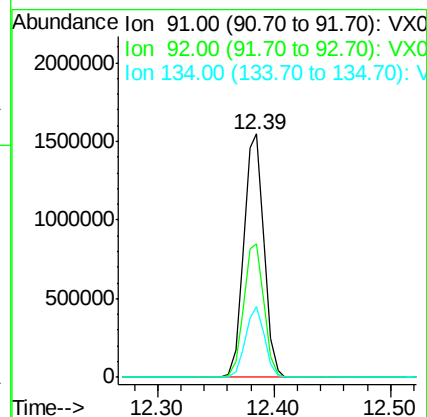
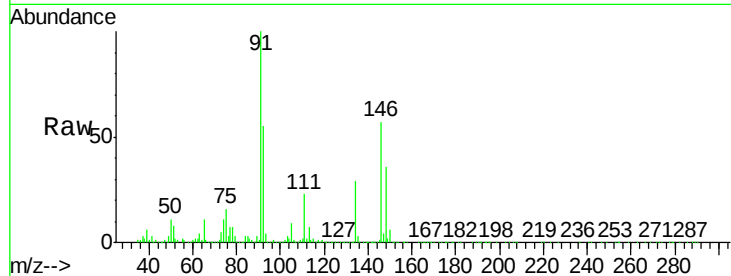
Tgt Ion: 91 Resp: 1856896

Ion Ratio Lower Upper

91 100

92 55.1 27.3 81.8

134 27.7 13.8 41.4



#90

Hexachloroethane

Concen: 111.95 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014880.D

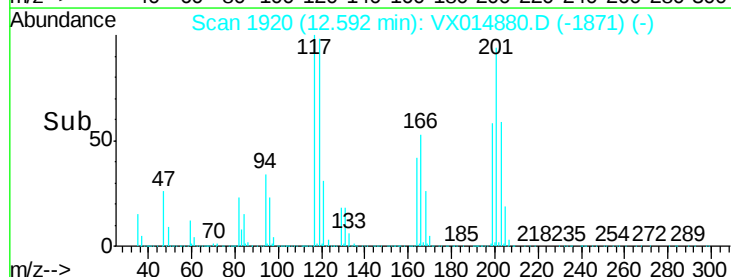
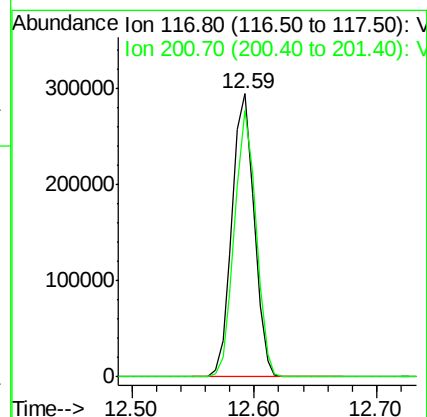
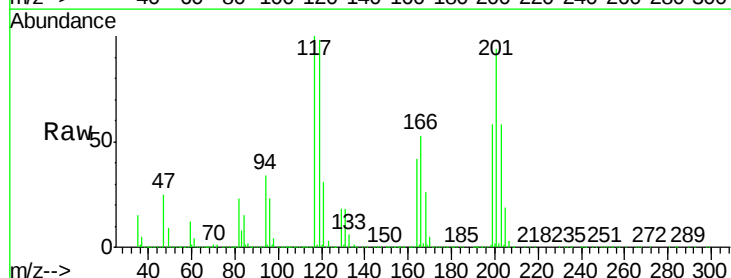
Acq: 10 Feb 2020 11:24

Tgt Ion: 117 Resp: 367848

Ion Ratio Lower Upper

117 100

201 91.5 44.8 134.3

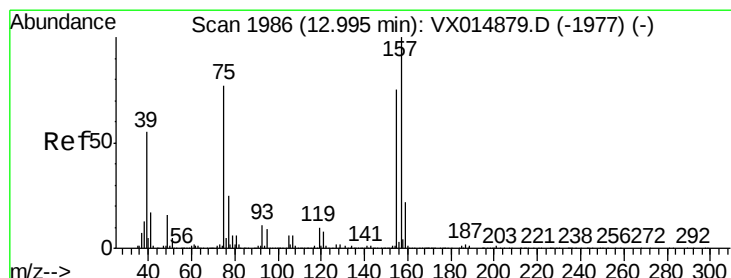
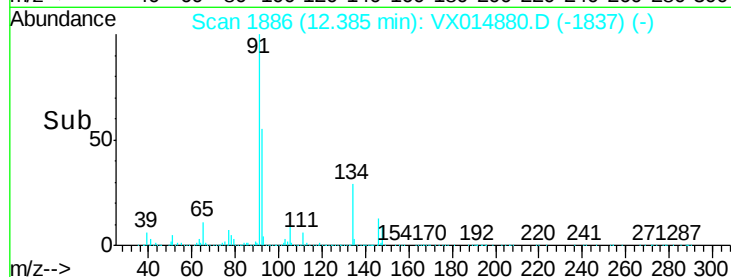
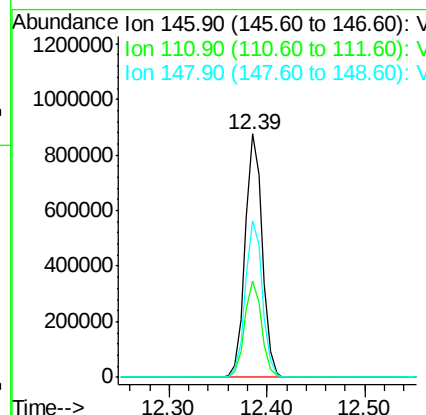
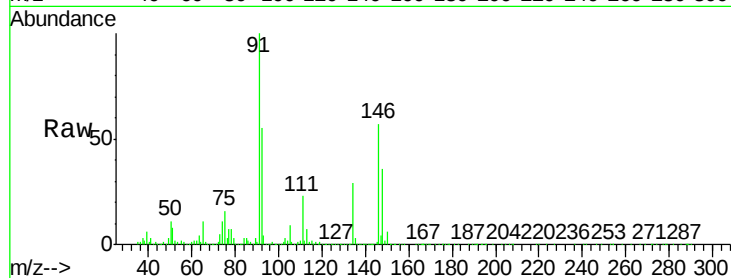




#91
 1,2-Dichlorobenzene
 Concen: 101.53 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014880.D
 Acq: 10 Feb 2020 11:24

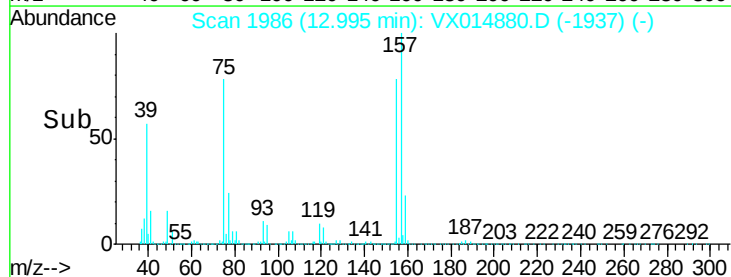
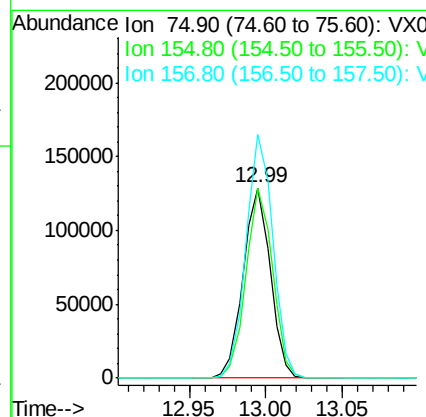
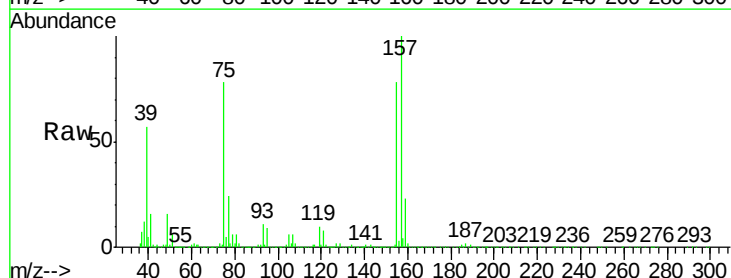
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

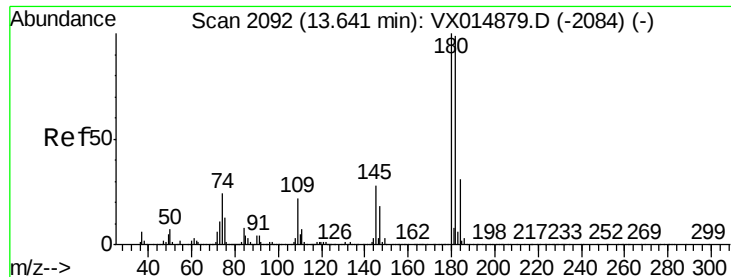
Tgt Ion: 146 Resp: 1057488
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.8 59.3
 148 64.1 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 95.49 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014880.D
 Acq: 10 Feb 2020 11:24

Tgt Ion: 75 Resp: 158144
 Ion Ratio Lower Upper
 75 100
 155 98.5 48.6 145.9
 157 127.6 62.0 186.0

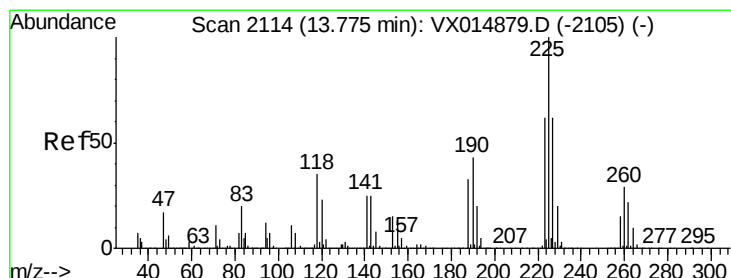
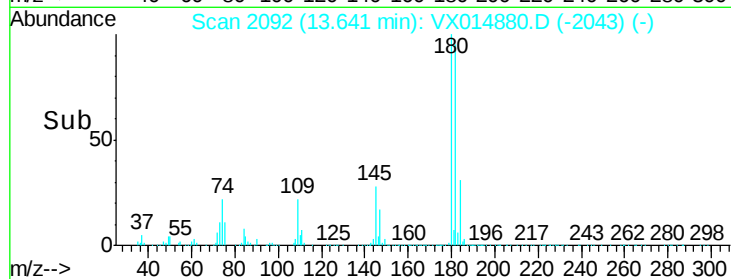
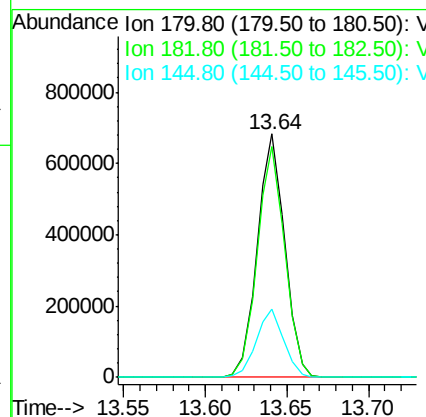
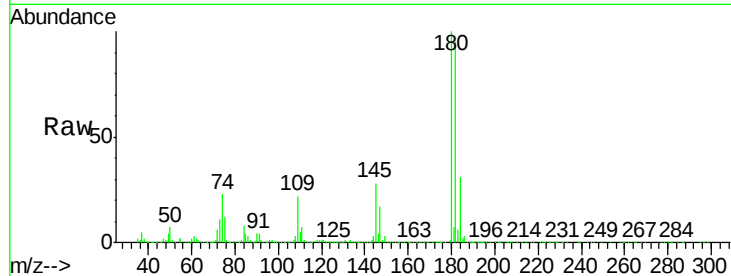




#93
1,2,4-Trichlorobenzene
Concen: 105.95 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

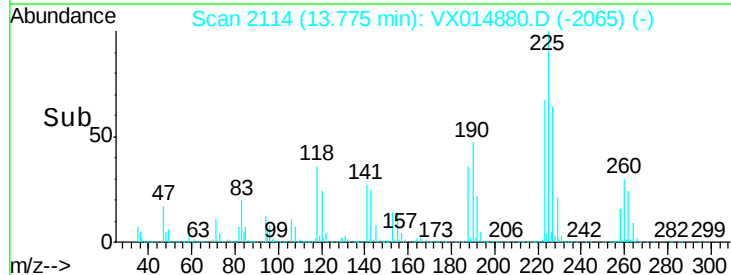
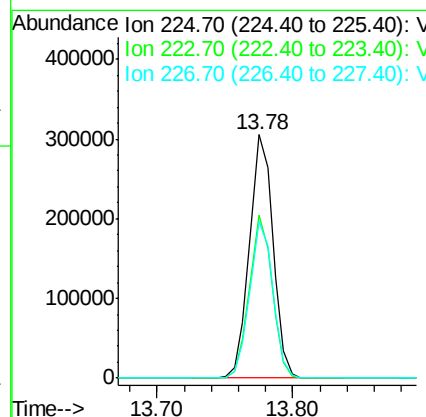
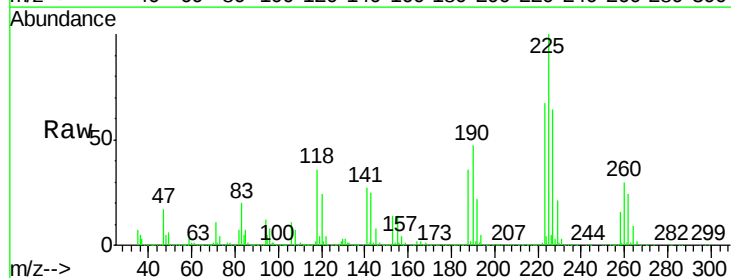
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

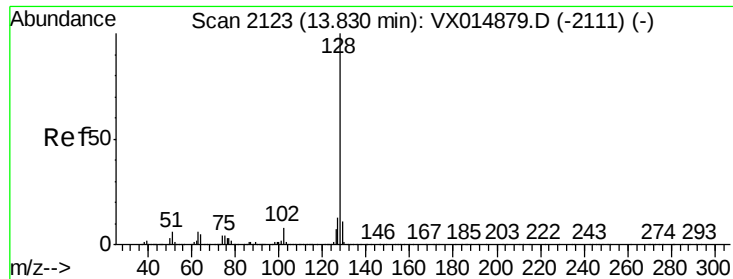
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.4	145.3
145	28.0	14.1	42.4



#94
Hexachlorobutadiene
Concen: 99.80 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	31.1	93.2
227	63.7	30.9	92.5

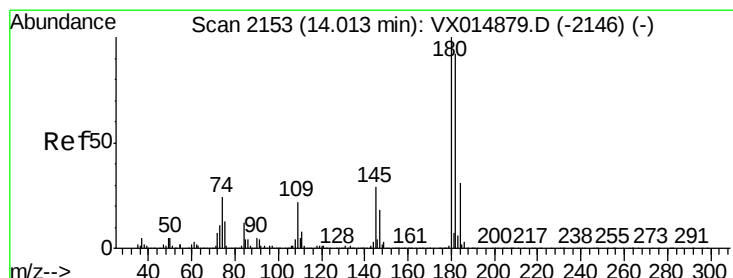
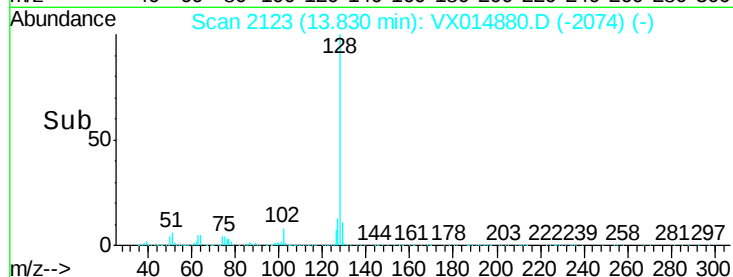
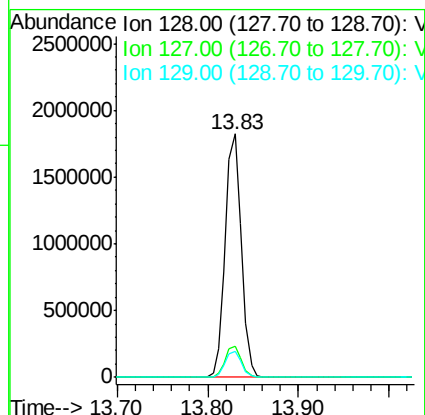
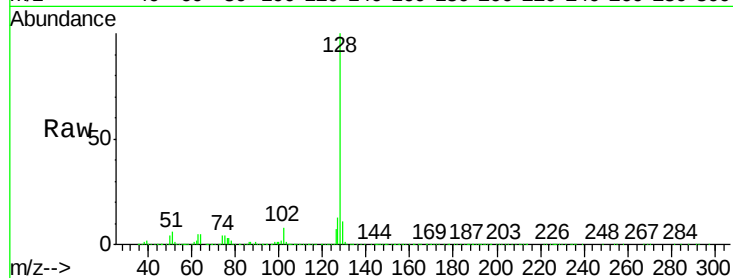




#95
Naphthalene
Concen: 115.76 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 2264855
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 105.44 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014880.D
Acq: 10 Feb 2020 11:24

Tgt Ion:180 Resp: 772830
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.6
145 29.4 14.5 43.5

