

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033023\
 Data File : ICC005.D
 Acq On : 30 Mar 2023 09:51
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Mar 31 03:52:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 03:45:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	115162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	184943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	169671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86617	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	6855	5.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.080%#
35) Dibromofluoromethane	7.716	113	6232	5.158	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.320%#
50) Toluene-d8	10.179	98	22644	4.965	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	9.920%#
62) 4-Bromofluorobenzene	12.483	95	7519	5.065	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.120%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	5488	4.861	ug/l	98
3) Chloromethane	2.119	50	6609	5.614	ug/l	95
4) Vinyl Chloride	2.253	62	6508	5.514	ug/l #	86
5) Bromomethane	2.656	94	5110	6.134	ug/l	94
6) Chloroethane	2.796	64	4095	5.538	ug/l #	87
7) Trichlorofluoromethane	3.131	101	11172	5.318	ug/l	98
8) Diethyl Ether	3.534	74	3431	5.201	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.912	101	6268	5.412	ug/l	97
10) Methyl Iodide	4.095	142	6609	4.382	ug/l	94
11) Tert butyl alcohol	4.936	59	2937	26.330	ug/l #	77
12) 1,1-Dichloroethene	3.881	96	5890	5.261	ug/l	87
13) Acrolein	3.741	56	3951	25.240	ug/l	98
14) Allyl chloride	4.491	41	9368	4.911	ug/l	97
15) Acrylonitrile	5.168	53	8397	25.616	ug/l #	87
16) Acetone	3.954	43	9647	25.491	ug/l	98
17) Carbon Disulfide	4.198	76	19979	5.358	ug/l	100
18) Methyl Acetate	4.479	43	6051	5.074	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	13243	4.668	ug/l #	89
20) Methylene Chloride	4.723	84	11963	4.242	ug/l	99
21) trans-1,2-Dichloroethene	5.229	96	6694	5.306	ug/l	88
22) Diisopropyl ether	6.125	45	17948	4.816	ug/l	94
23) Vinyl Acetate	6.064	43	48118	22.703	ug/l	96
24) 1,1-Dichloroethane	6.015	63	11801	5.346	ug/l	97
25) 2-Butanone	6.990	43	11418	24.129	ug/l	98
26) 2,2-Dichloropropane	6.984	77	10359	5.218	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	6786	4.993	ug/l	98
28) Bromochloromethane	7.332	49	4800	5.068	ug/l #	93
29) Tetrahydrofuran	7.356	42	6573	23.465	ug/l	97
30) Chloroform	7.509	83	12618	5.520	ug/l	100
31) Cyclohexane	7.789	56	10769	5.330	ug/l #	63
32) 1,1,1-Trichloroethane	7.704	97	10372	5.132	ug/l	96
36) 1,1-Dichloropropene	7.917	75	8403	4.620	ug/l	97
37) Ethyl Acetate	7.082	43	5071	4.908	ug/l	99
38) Carbon Tetrachloride	7.899	117	9878	4.922	ug/l	97
39) Methylcyclohexane	9.185	83	9390	4.401	ug/l	96
40) Benzene	8.161	78	26070	4.963	ug/l	98

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Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	2578	5.136	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	8497	5.279	ug/l	100
43) Isopropyl Acetate	8.277	43	8412	4.548	ug/l	94
44) Trichloroethene	8.935	130	7128	4.929	ug/l	90
45) 1,2-Dichloropropane	9.222	63	6769	5.146	ug/l	93
46) Dibromomethane	9.307	93	3846	5.089	ug/l	94
47) Bromodichloromethane	9.502	83	9153	5.020	ug/l #	97
48) Methyl methacrylate	9.295	41	3706	4.303	ug/l	96
49) 1,4-Dioxane	9.289	88	762	84.762	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	22090	22.132	ug/l	97
52) Toluene	10.246	92	15620	4.793	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	8802	4.723	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	10176	4.781	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	5195	4.973	ug/l	93
56) Ethyl methacrylate	10.508	69	5566	4.238	ug/l	98
57) 1,3-Dichloropropane	10.789	76	8654	4.908	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	13249	21.575	ug/l	99
59) 2-Hexanone	10.837	43	15255	21.133	ug/l	99
60) Dibromochloromethane	10.990	129	6542	4.986	ug/l	98
61) 1,2-Dibromoethane	11.093	107	5152	5.090	ug/l	96
64) Tetrachloroethene	10.721	164	6591	5.053	ug/l	96
65) Chlorobenzene	11.520	112	18521	5.142	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.593	131	6852	5.074	ug/l	97
67) Ethyl Benzene	11.593	91	28770	4.625	ug/l	97
68) m/p-Xylenes	11.709	106	21200	8.809	ug/l	98
69) o-Xylene	12.032	106	9716	4.353	ug/l	98
70) Styrene	12.050	104	16372	4.385	ug/l	99
71) Bromoform	12.209	173	3981	4.754	ug/l #	98
73) Isopropylbenzene	12.331	105	25644	4.289	ug/l	99
74) N-amyl acetate	12.148	43	6816	4.152	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	6118	4.885	ug/l	94
76) 1,2,3-Trichloropropane	12.636	75	7719	7.935	ug/l #	100
77) Bromobenzene	12.611	156	6843	4.603	ug/l	96
78) n-propylbenzene	12.672	91	31756	4.320	ug/l	99
79) 2-Chlorotoluene	12.758	91	19364	4.642	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	21283	4.258	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	1924	4.410	ug/l	96
82) 4-Chlorotoluene	12.855	91	19407	4.470	ug/l	100
83) tert-Butylbenzene	13.075	119	17973	4.186	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	20421	4.172	ug/l	100
85) sec-Butylbenzene	13.258	105	28047	4.326	ug/l	98
86) p-Isopropyltoluene	13.373	119	22321	4.182	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	14588	4.951	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	15142	5.128	ug/l	96
89) n-Butylbenzene	13.697	91	21505	4.310	ug/l	99
90) Hexachloroethane	13.965	117	5388	4.846	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	13145	4.995	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	981	4.707	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	6630	4.320	ug/l	95
94) Hexachlorobutadiene	15.117	225	4528	4.797	ug/l	96
95) Naphthalene	15.239	128	10903	6.370	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	6038	4.466	ug/l	97

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

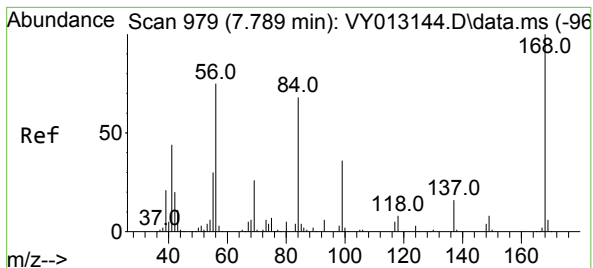
Quant Time: Mar 31 03:52:17 2023
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Quant Title : SW846 8260
QLast Update : Fri Mar 31 03:45:49 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 9

Delta R.T. 0.006 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

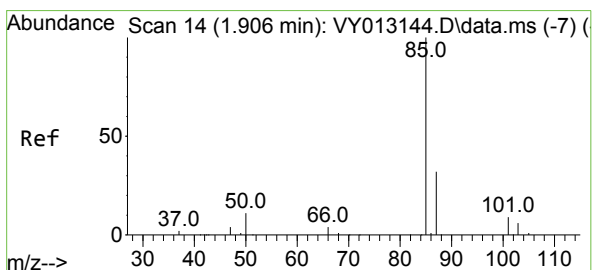
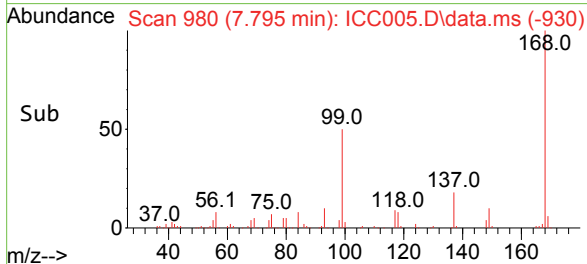
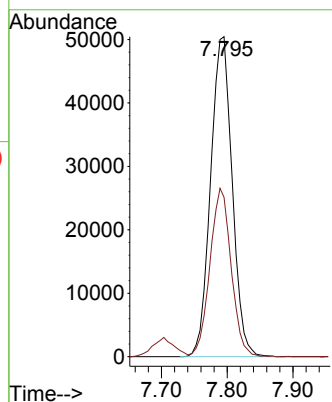
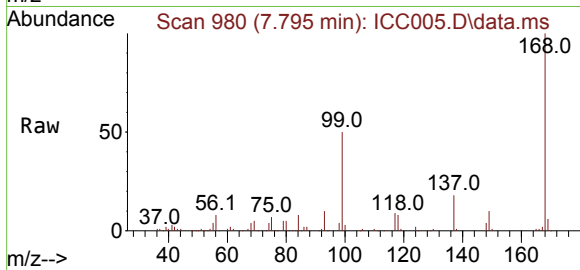
VSTDIC005

Tgt Ion:168 Resp: 115162

Ion Ratio Lower Upper

168 100

99 49.8 41.7 62.5



#2

Dichlorodifluoromethane

Concen: 4.861 ug/l

RT: 1.912 min Scan# 15

Delta R.T. 0.006 min

Lab File: ICC005.D

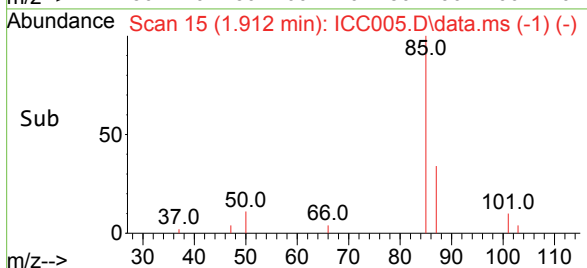
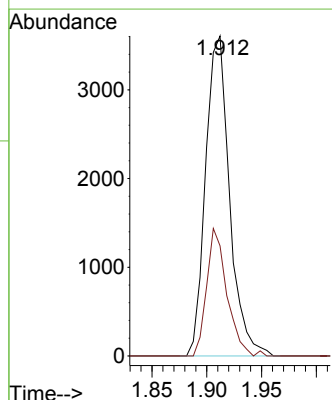
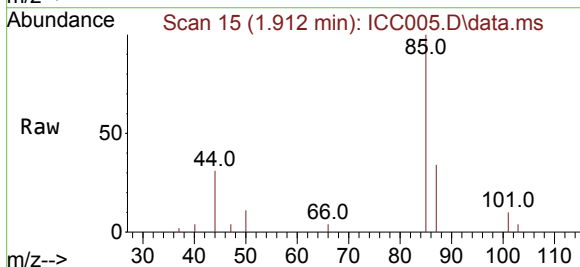
Acq: 30 Mar 2023 09:51

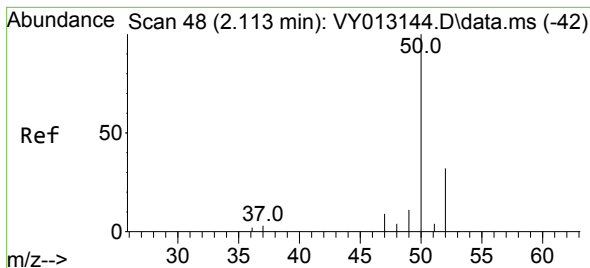
Tgt Ion: 85 Resp: 5488

Ion Ratio Lower Upper

85 100

87 34.4 16.7 50.0





#3

Chloromethane

Concen: 5.614 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

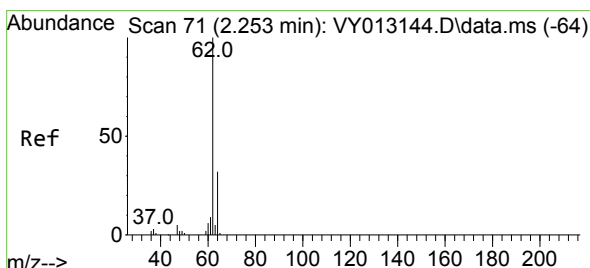
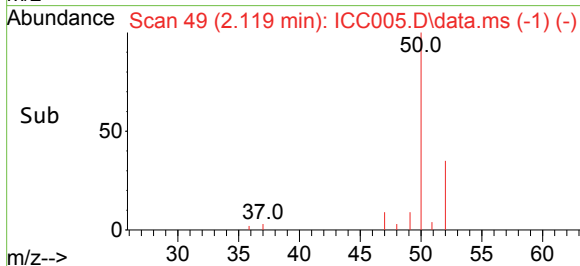
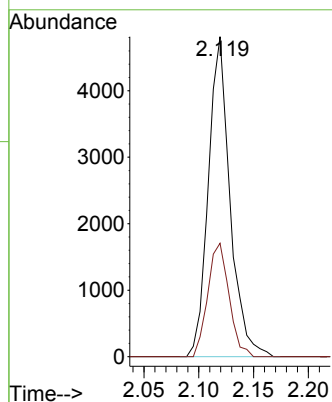
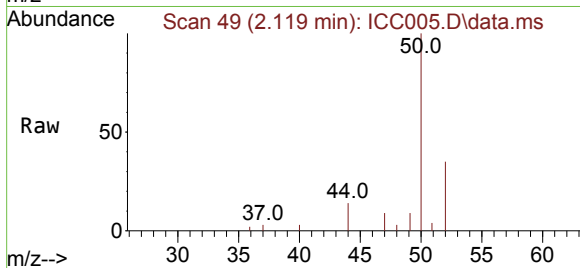
VSTDIC005

Tgt Ion: 50 Resp: 6609

Ion Ratio Lower Upper

50 100

52 35.5 26.0 39.0



#4

Vinyl Chloride

Concen: 5.514 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: ICC005.D

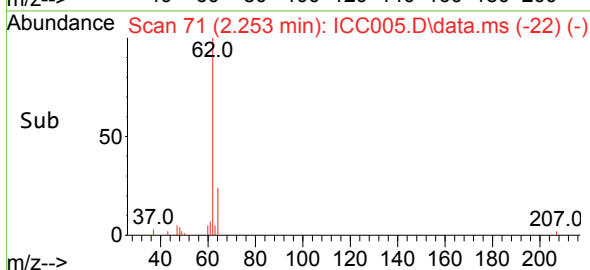
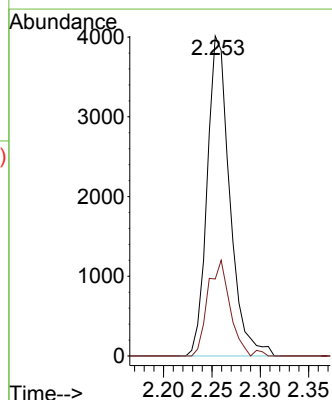
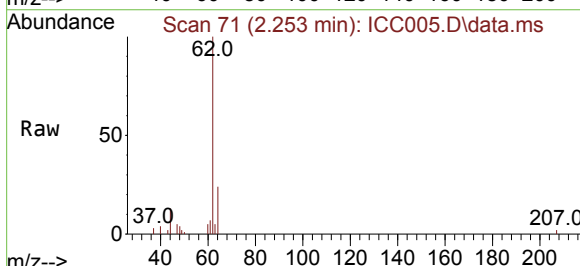
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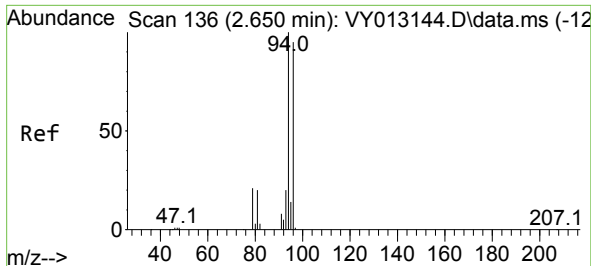
Tgt Ion: 62 Resp: 6508

Ion Ratio Lower Upper

62 100

64 24.0 25.6 38.4#

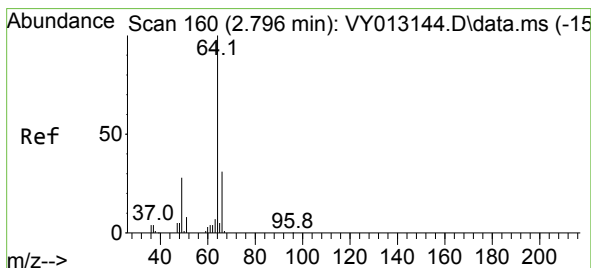
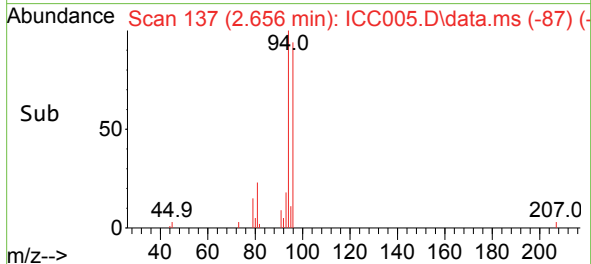
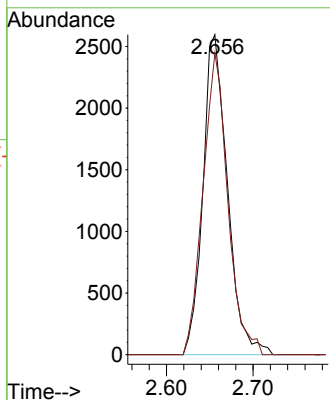
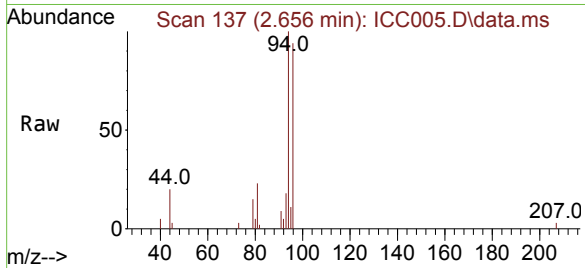




#5
Bromomethane
Concen: 6.134 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

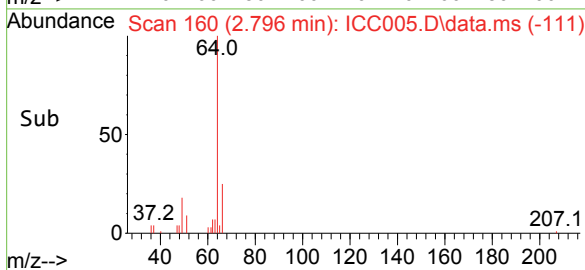
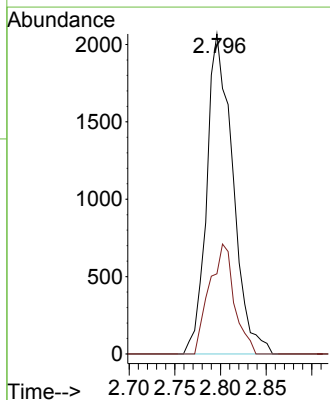
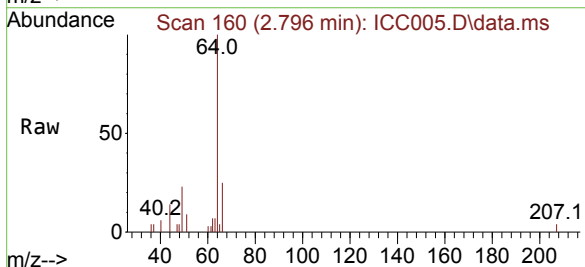
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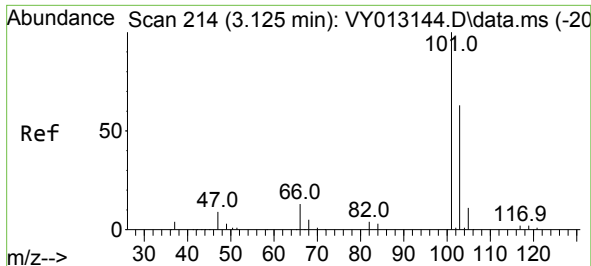
Tgt Ion: 94 Resp: 5110
Ion Ratio Lower Upper
94 100
96 94.2 80.3 120.5



#6
Chloroethane
Concen: 5.538 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

Tgt Ion: 64 Resp: 4095
Ion Ratio Lower Upper
64 100
66 25.0 25.7 38.5#

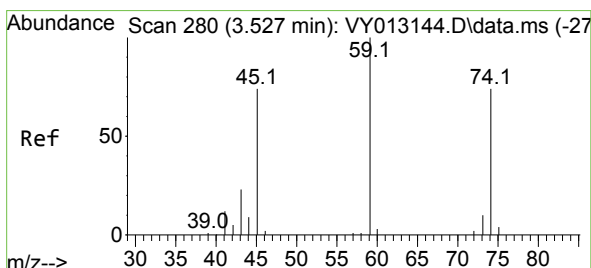
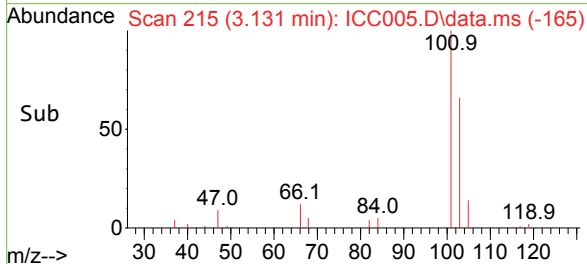
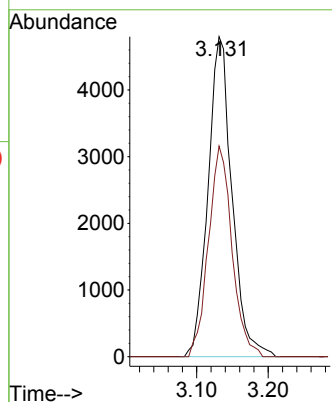
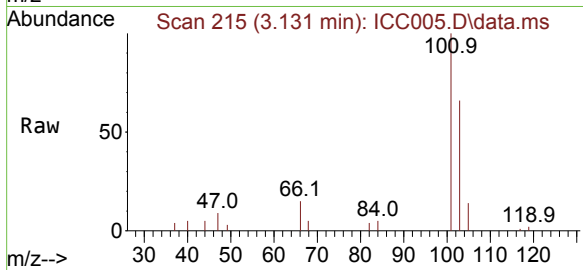




#7
Trichlorofluoromethane
Concen: 5.318 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

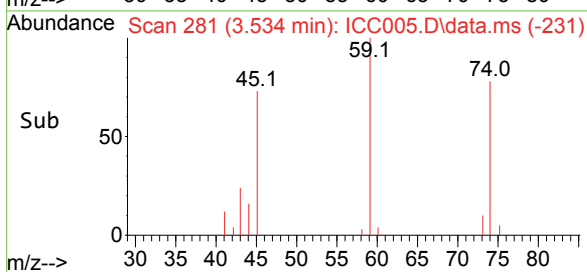
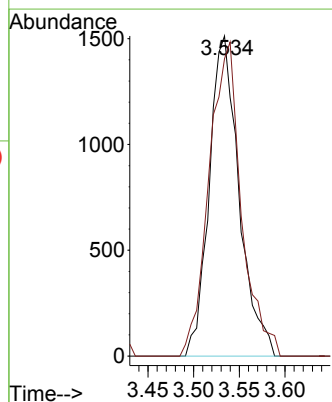
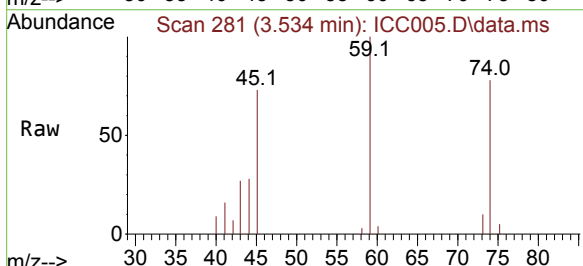
Instrument :
MSVOA_Y
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VSTDIC005

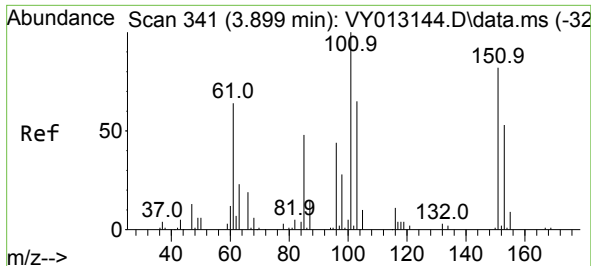
Tgt Ion:101 Resp: 11172
Ion Ratio Lower Upper
101 100
103 65.8 51.5 77.3



#8
Diethyl Ether
Concen: 5.201 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

Tgt Ion: 74 Resp: 3431
Ion Ratio Lower Upper
74 100
45 106.4 52.1 156.4

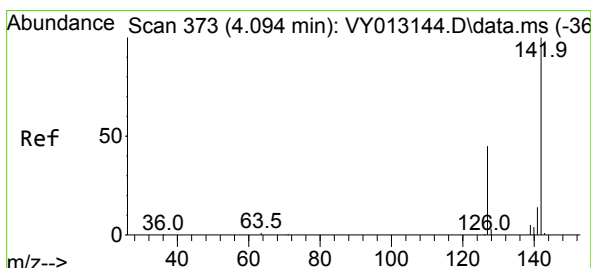
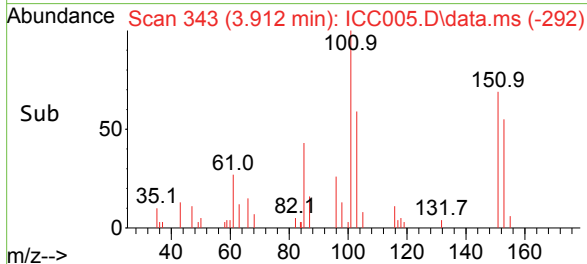
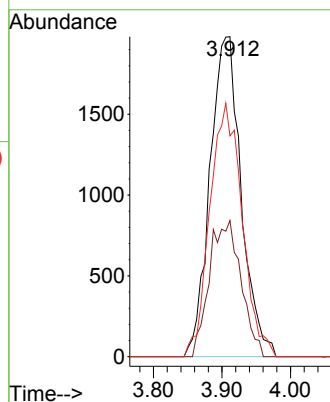
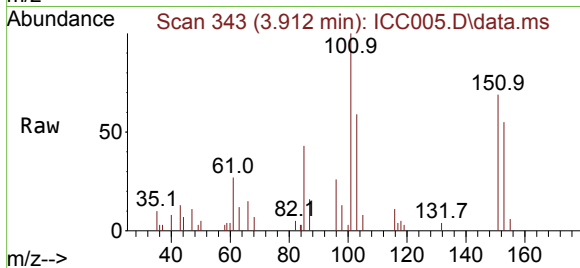




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.412 ug/l
RT: 3.912 min Scan# 341
Delta R.T. 0.012 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

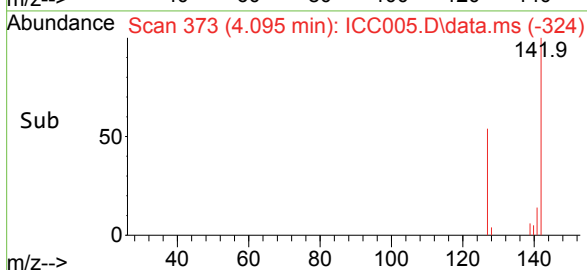
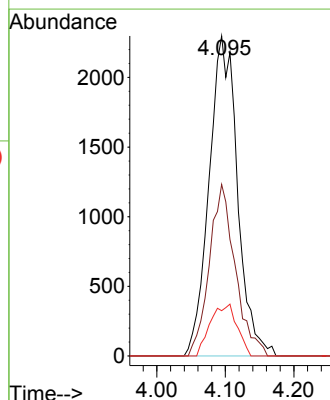
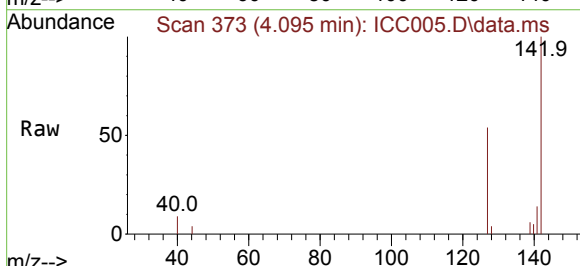
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

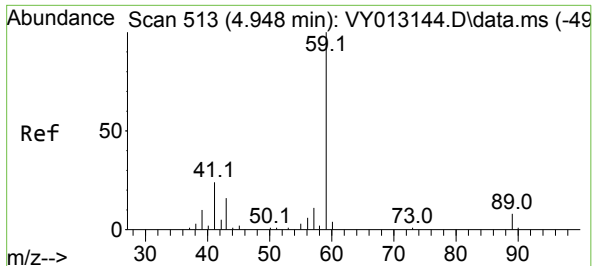
Tgt Ion:101 Resp: 6268
Ion Ratio Lower Upper
101 100
85 43.0 35.3 52.9
151 81.8 63.1 94.7



#10
Methyl Iodide
Concen: 4.382 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.000 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

Tgt Ion:142 Resp: 6609
Ion Ratio Lower Upper
142 100
127 49.1 35.4 53.2
141 15.2 11.3 16.9





#11

Tert butyl alcohol

Concen: 26.330 ug/l

RT: 4.936 min Scan# 513

Delta R.T. -0.012 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

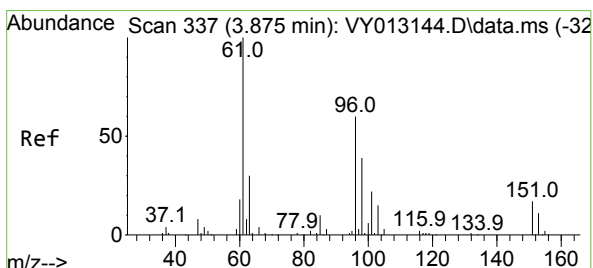
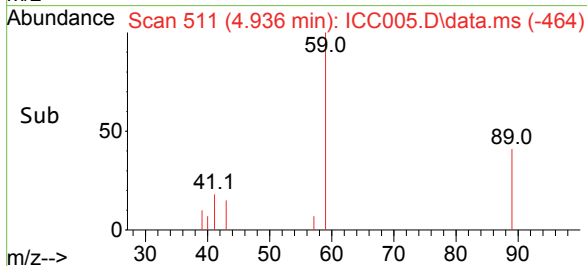
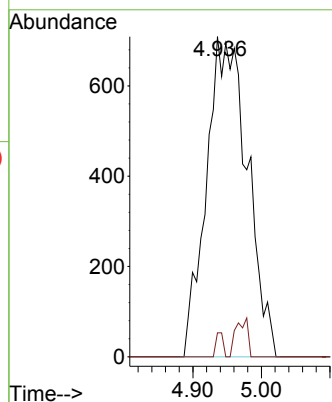
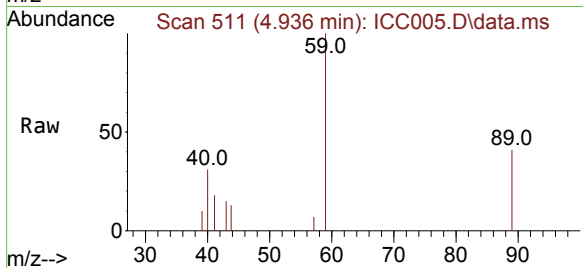
VSTDIC005

Tgt Ion: 59 Resp: 2937

Ion Ratio Lower Upper

59 100

57 1.3 7.7 11.5#



#12

1,1-Dichloroethene

Concen: 5.261 ug/l

RT: 3.881 min Scan# 338

Delta R.T. 0.006 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

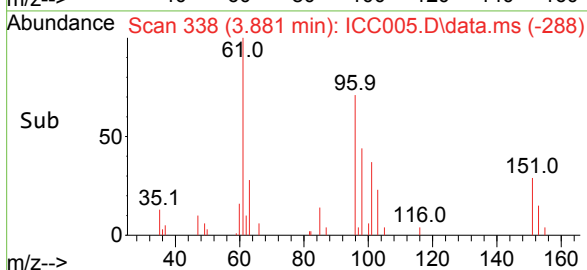
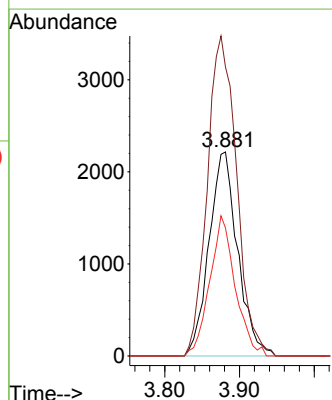
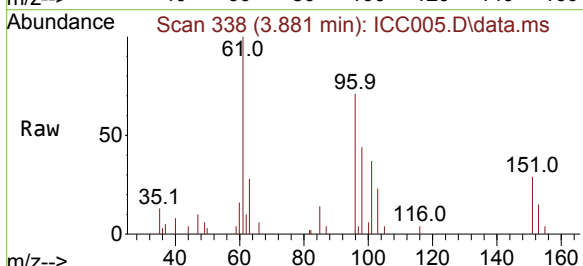
Tgt Ion: 96 Resp: 5890

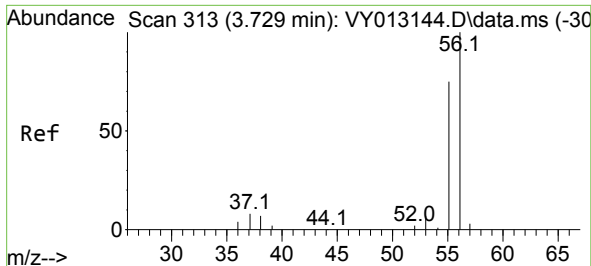
Ion Ratio Lower Upper

96 100

61 141.7 131.7 197.5

98 62.7 52.0 78.0





#13

Acrolein

Concen: 25.240 ug/l

RT: 3.741 min Scan# 313

Delta R.T. 0.012 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

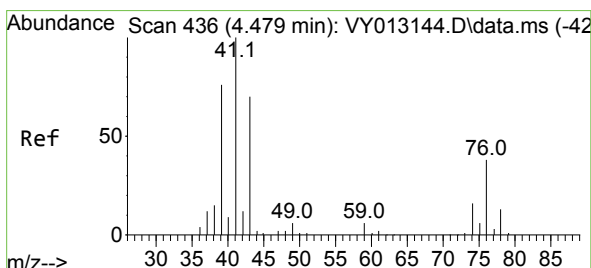
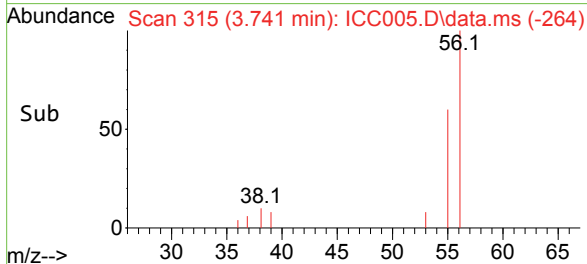
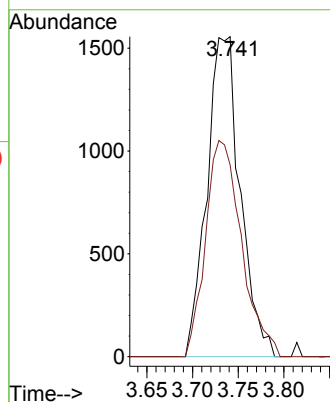
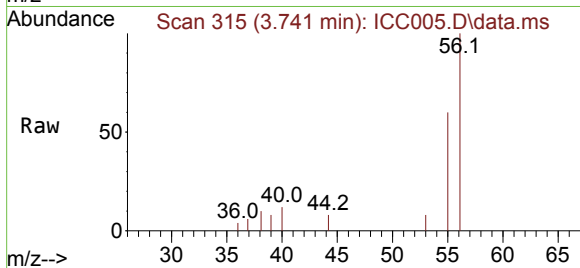
VSTDICC005

Tgt Ion: 56 Resp: 3951

Ion Ratio Lower Upper

56 100

55 72.6 56.8 85.2



#14

Allyl chloride

Concen: 4.911 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.012 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

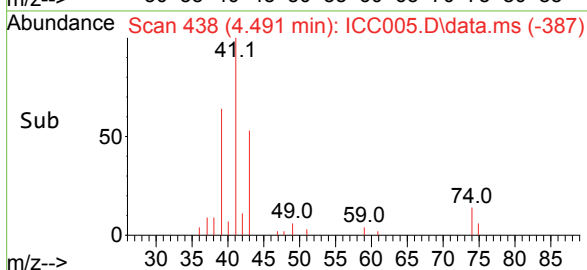
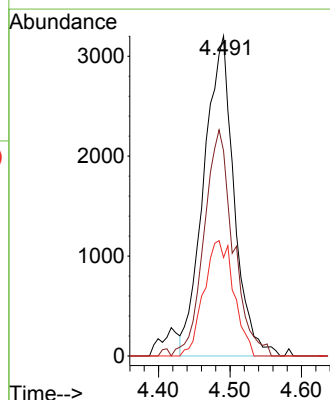
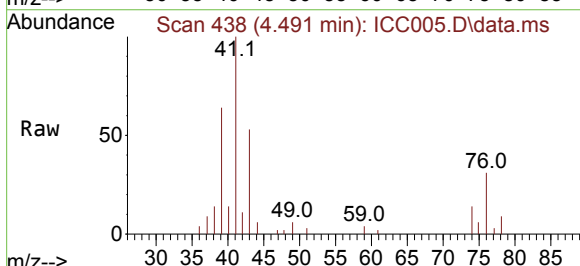
Tgt Ion: 41 Resp: 9368

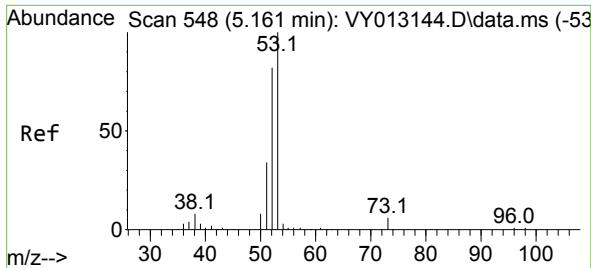
Ion Ratio Lower Upper

41 100

39 68.8 53.6 80.4

76 35.9 27.2 40.8

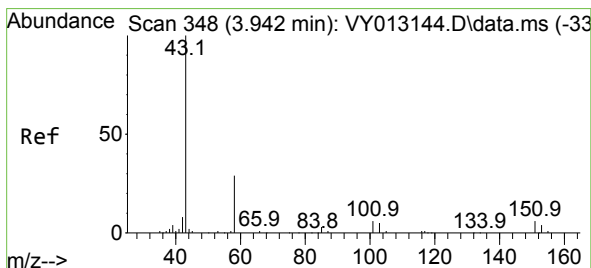
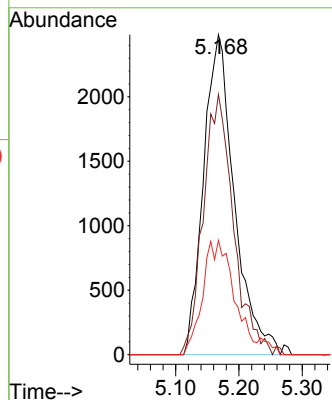
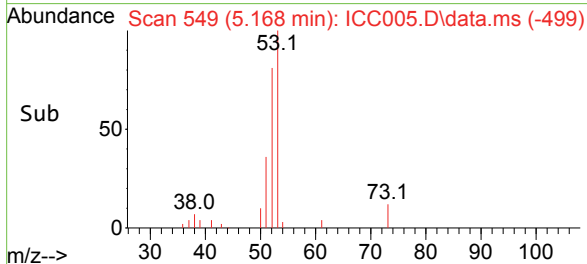
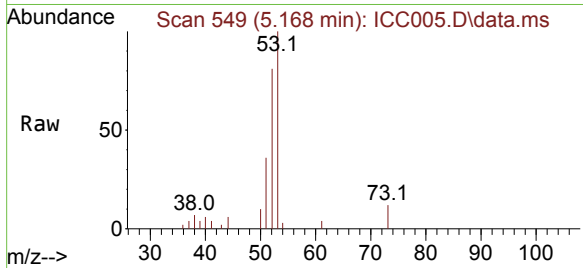




#15
Acrylonitrile
Concen: 25.616 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.006 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

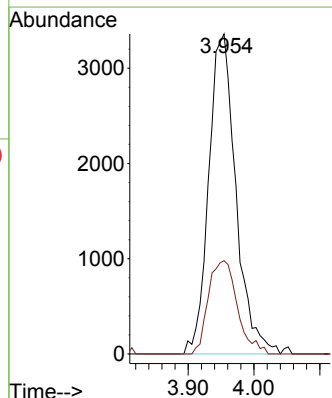
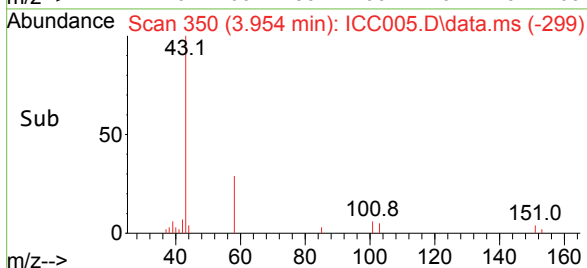
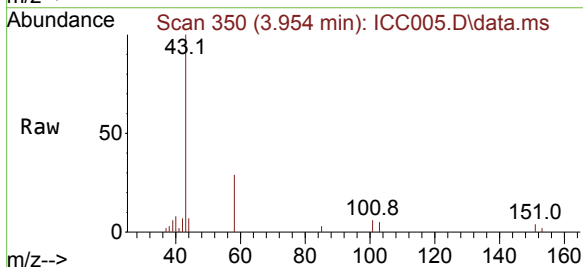
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

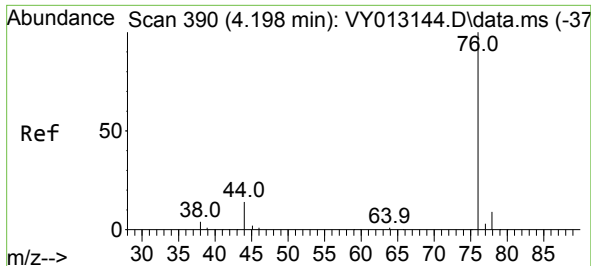
Tgt Ion: 53 Resp: 8397
Ion Ratio Lower Upper
53 100
52 79.4 66.3 99.5
51 15.6 28.8 43.2#



#16
Acetone
Concen: 25.491 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

Tgt Ion: 43 Resp: 9647
Ion Ratio Lower Upper
43 100
58 29.2 24.2 36.2

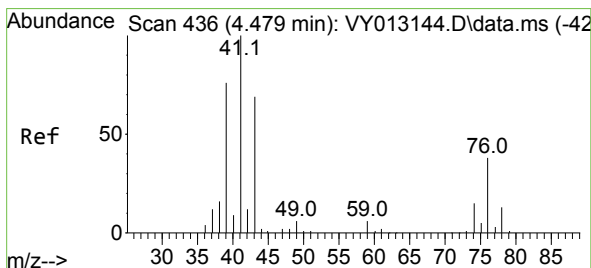
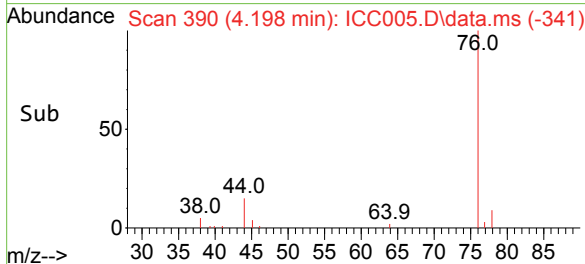
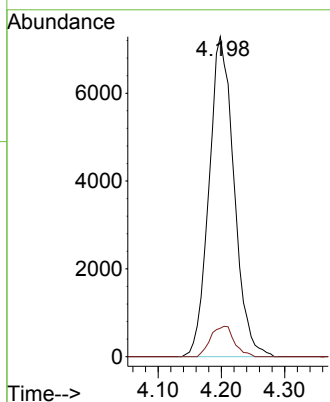
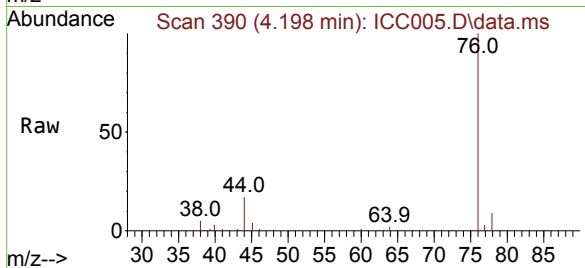




#17
Carbon Disulfide
Concen: 5.358 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

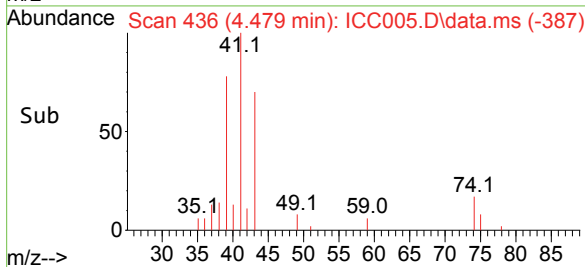
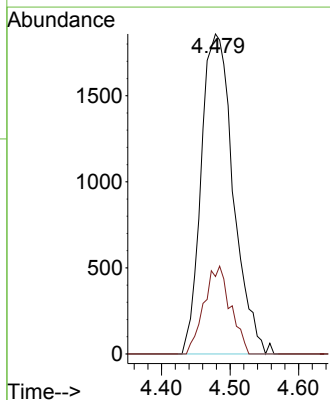
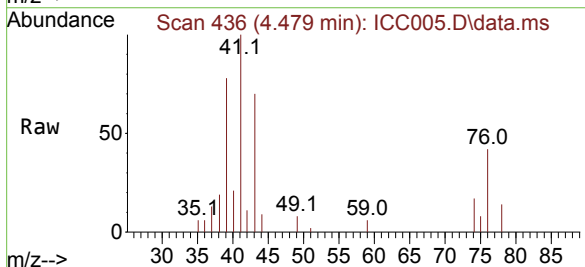
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

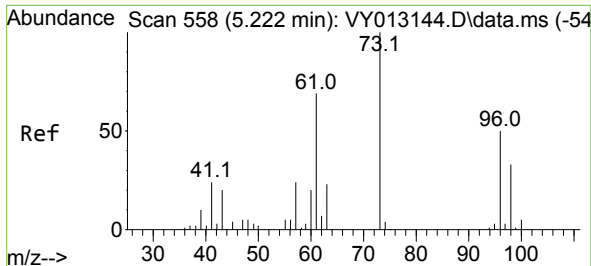
Tgt Ion: 76 Resp: 19979
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 5.074 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

Tgt Ion: 43 Resp: 6051
Ion Ratio Lower Upper
43 100
74 22.6 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 4.668 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

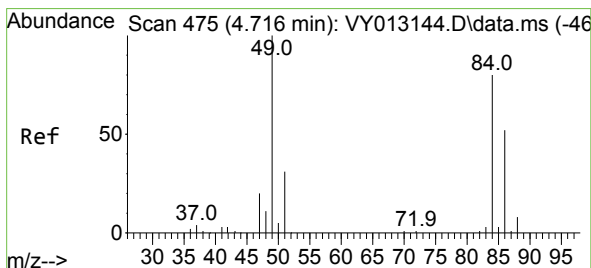
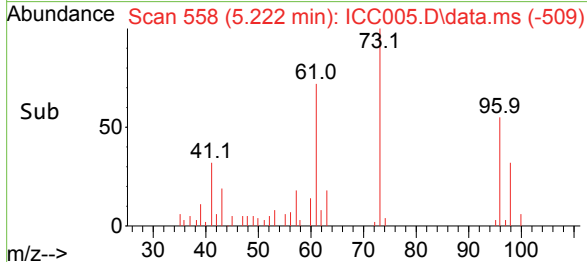
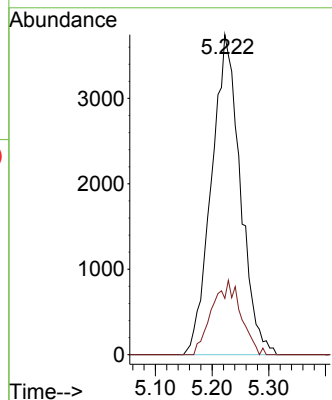
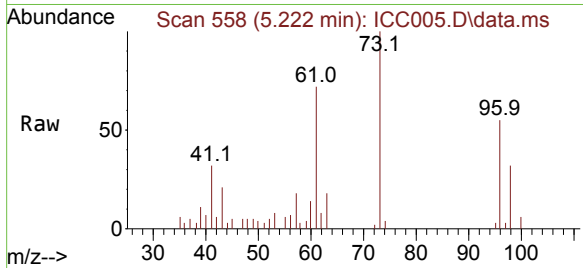
VSTDIC005

Tgt Ion: 73 Resp: 13243

Ion Ratio Lower Upper

73 100

57 17.6 18.3 27.5#



#20

Methylene Chloride

Concen: 4.242 ug/l

RT: 4.723 min Scan# 476

Delta R.T. 0.007 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

Tgt Ion: 84 Resp: 11963

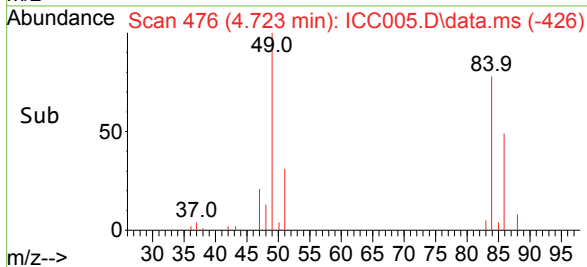
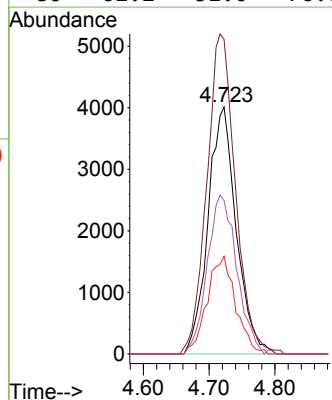
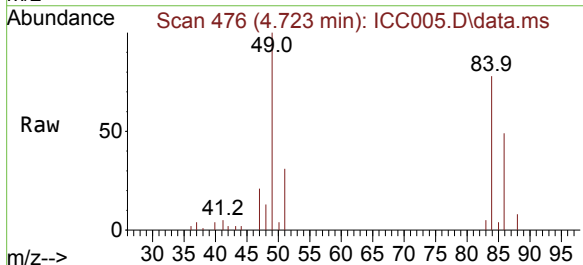
Ion Ratio Lower Upper

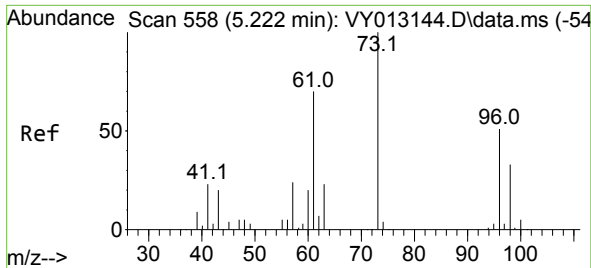
84 100

49 127.5 102.6 154.0

51 39.5 31.9 47.9

86 62.2 51.0 76.6

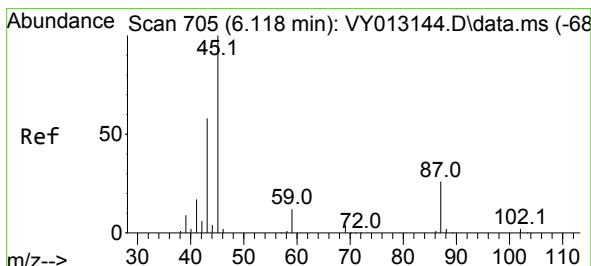
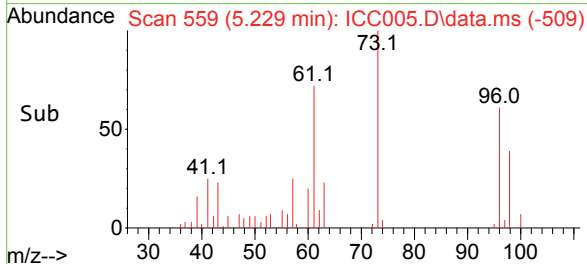
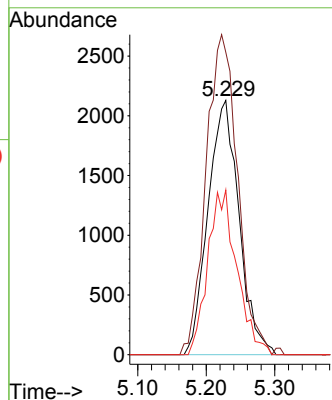
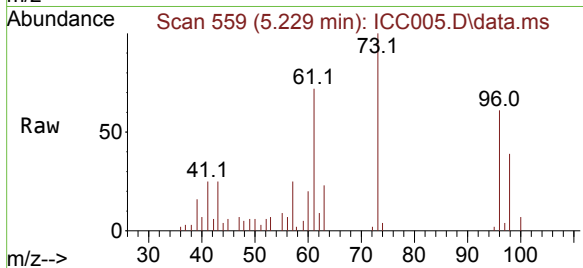




#21
trans-1,2-Dichloroethene
Concen: 5.306 ug/l
RT: 5.229 min Scan# 511
Delta R.T. 0.006 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

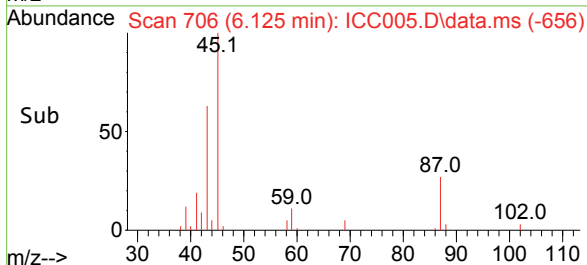
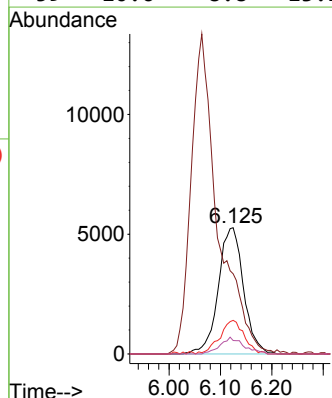
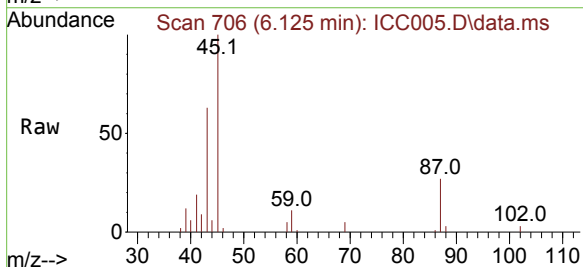
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

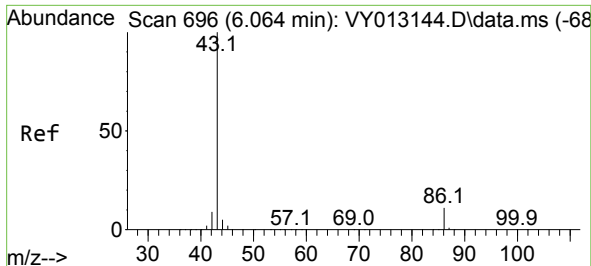
Tgt Ion: 96 Resp: 6694
Ion Ratio Lower Upper
96 100
61 119.0 111.4 167.0
98 64.8 50.8 76.2



#22
Diisopropyl ether
Concen: 4.816 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.006 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

Tgt Ion: 45 Resp: 17948
Ion Ratio Lower Upper
45 100
43 62.1 45.0 67.6
87 26.6 20.3 30.5
59 10.6 8.8 13.2

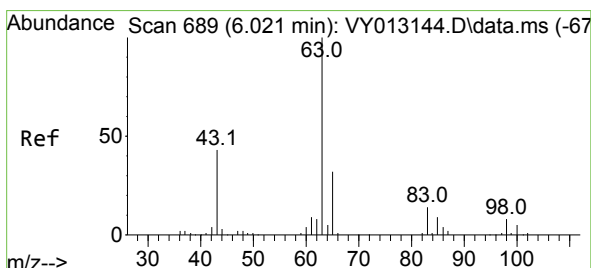
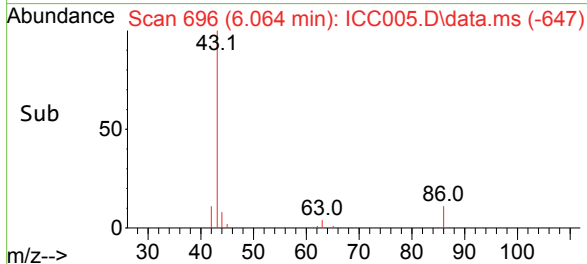
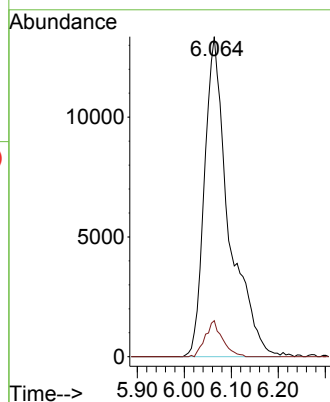
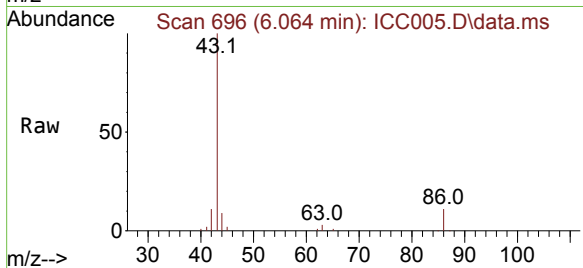




#23
 Vinyl Acetate
 Concen: 22.703 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: ICC005.D
 Acq: 30 Mar 2023 09:51

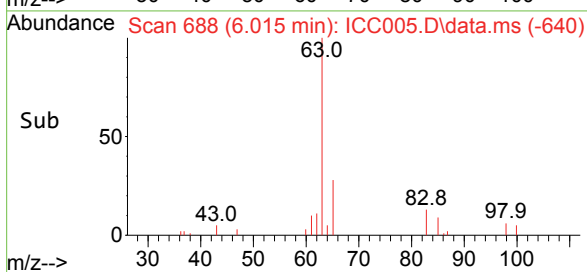
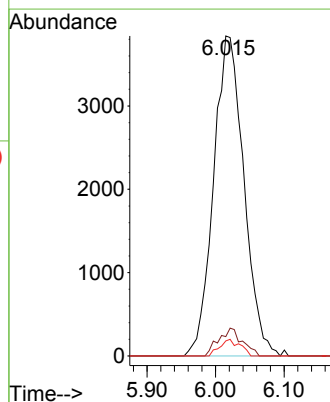
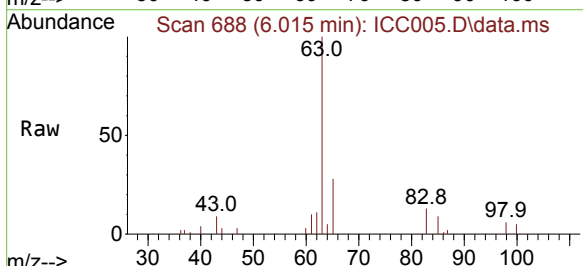
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

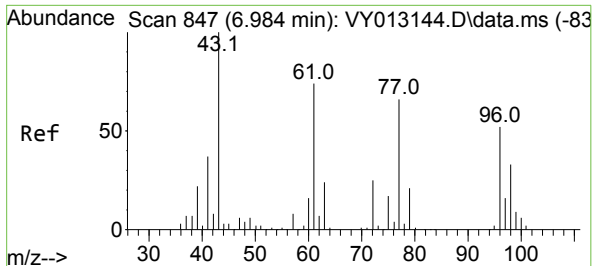
Tgt Ion: 43 Resp: 48118
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 5.346 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: ICC005.D
 Acq: 30 Mar 2023 09:51

Tgt Ion: 63 Resp: 11801
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.7 11.1
 100 4.7 2.3 6.8





#25

2-Butanone

Concen: 24.129 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

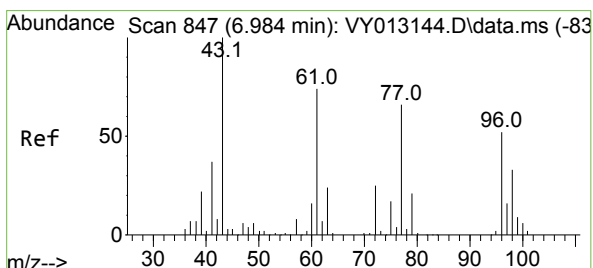
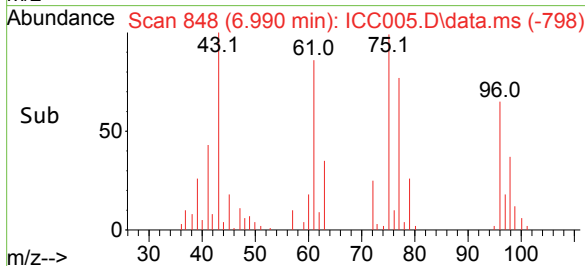
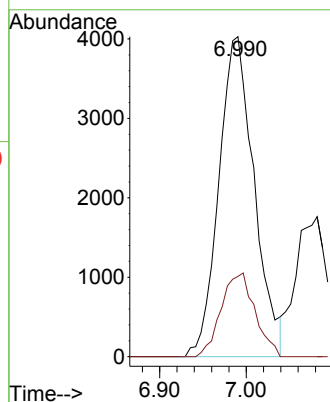
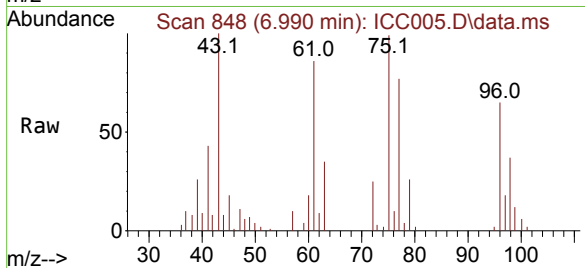
VSTDIC005

Tgt Ion: 43 Resp: 11418

Ion Ratio Lower Upper

43 100

72 25.1 21.0 31.4



#26

2,2-Dichloropropane

Concen: 5.218 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: ICC005.D

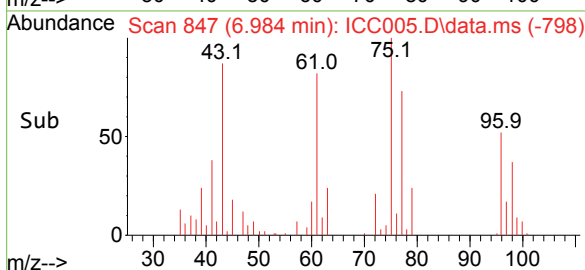
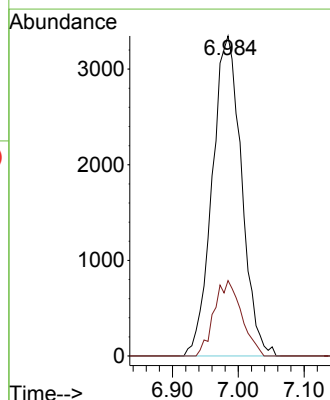
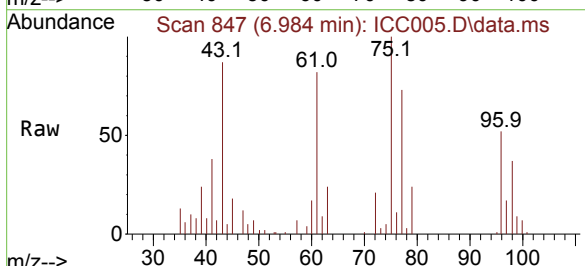
Acq: 30 Mar 2023 09:51

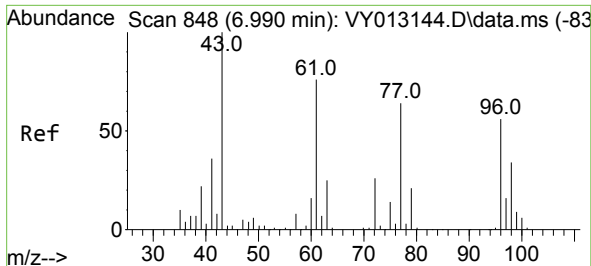
Tgt Ion: 77 Resp: 10359

Ion Ratio Lower Upper

77 100

97 22.1 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 4.993 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

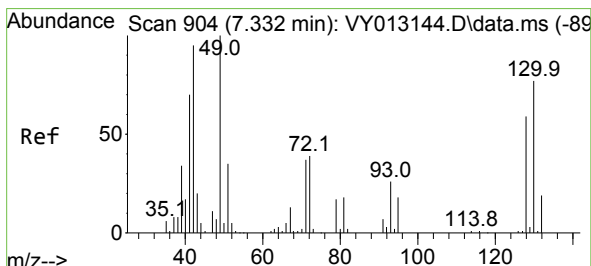
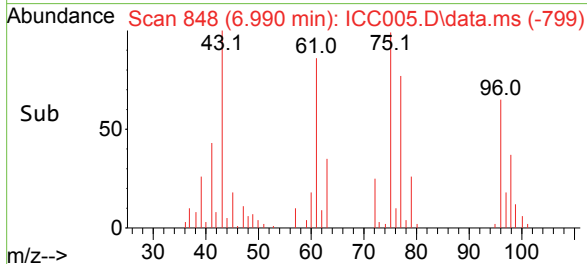
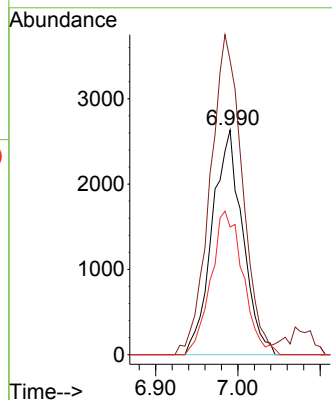
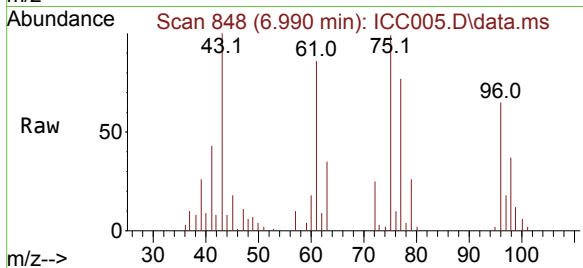
Tgt Ion: 96 Resp: 6786

Ion Ratio Lower Upper

96 100

61 150.1 0.0 295.8

98 67.5 0.0 130.2



#28

Bromochloromethane

Concen: 5.068 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

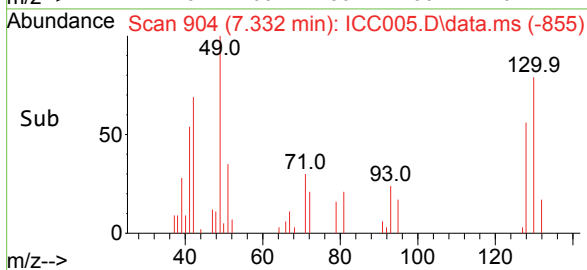
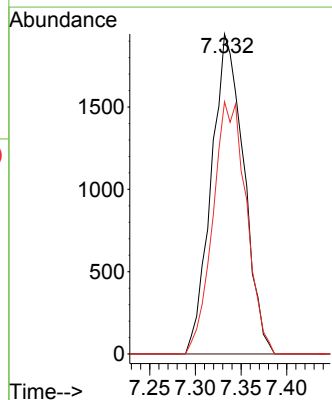
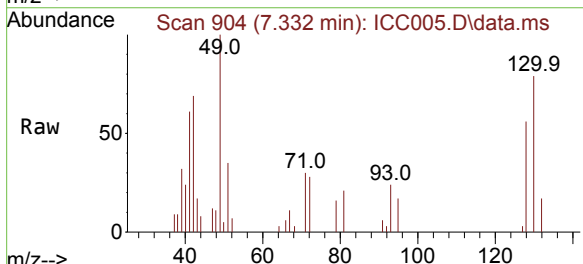
Tgt Ion: 49 Resp: 4800

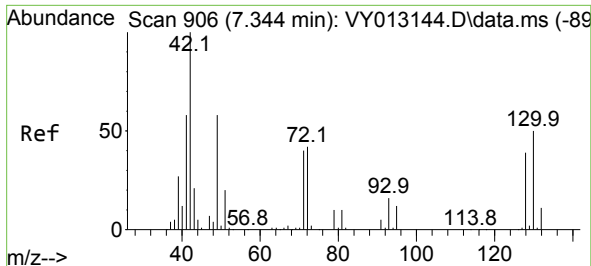
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 81.6 60.5 90.7





#29

Tetrahydrofuran

Concen: 23.465 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

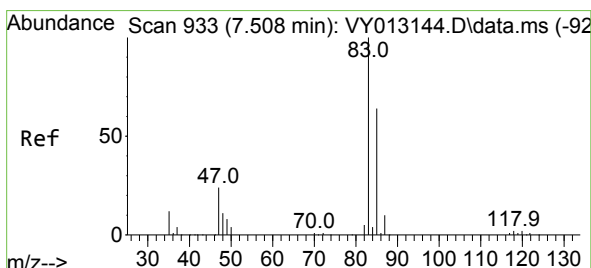
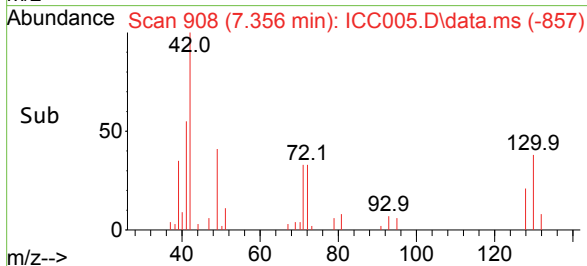
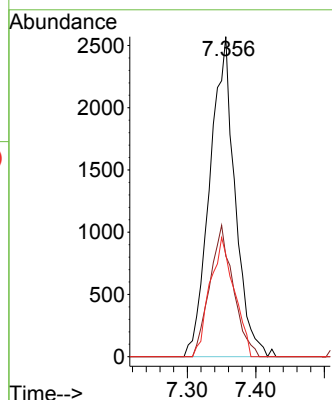
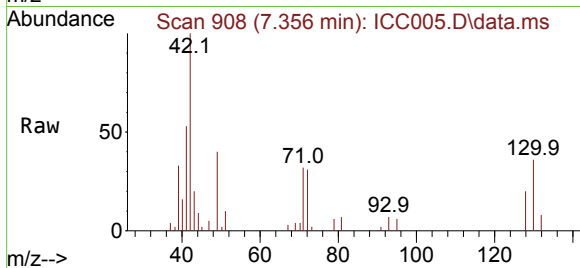
Tgt Ion: 42 Resp: 6573

Ion Ratio Lower Upper

42 100

72 38.4 32.3 48.5

71 35.8 30.3 45.5



#30

Chloroform

Concen: 5.520 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: ICC005.D

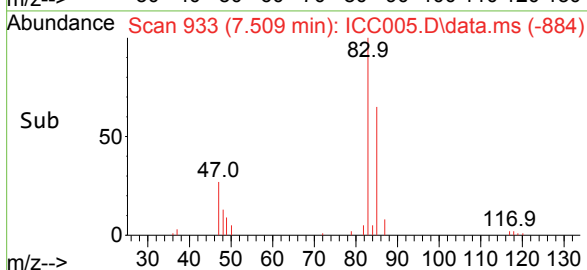
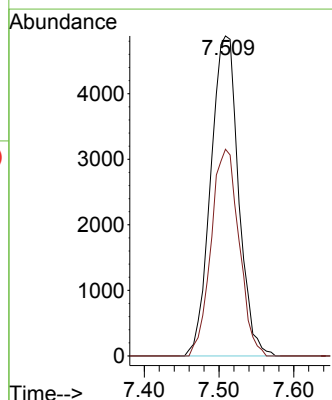
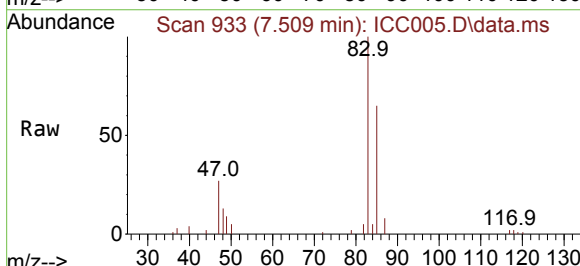
Acq: 30 Mar 2023 09:51

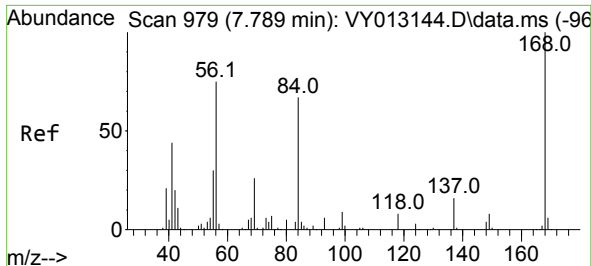
Tgt Ion: 83 Resp: 12618

Ion Ratio Lower Upper

83 100

85 64.6 51.4 77.0

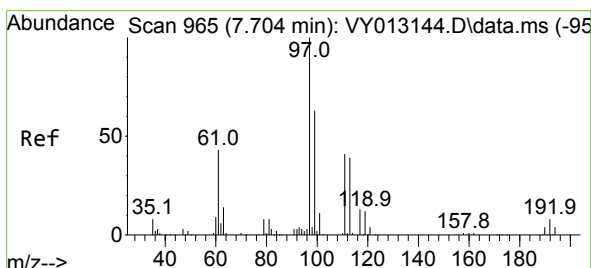
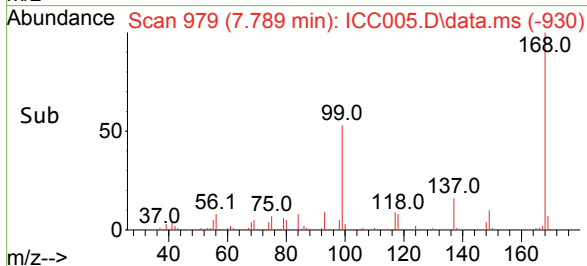
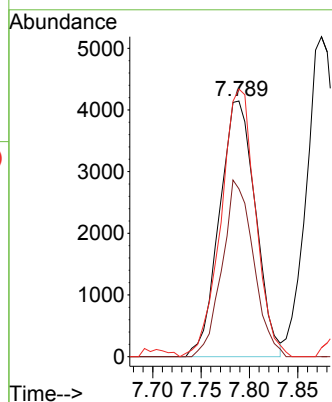
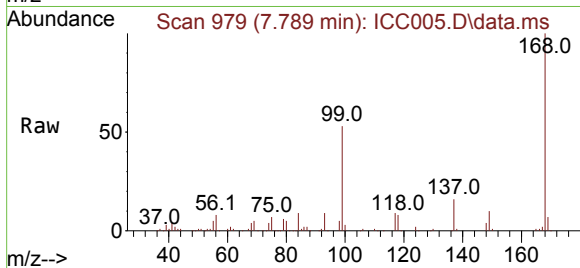




#31
Cyclohexane
Concen: 5.330 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

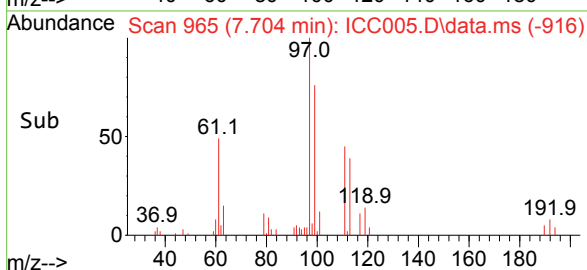
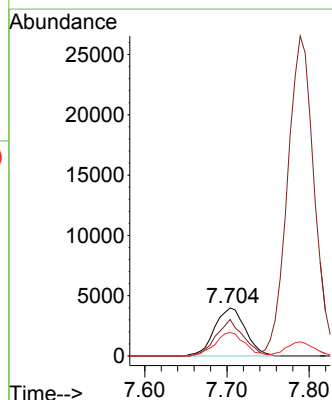
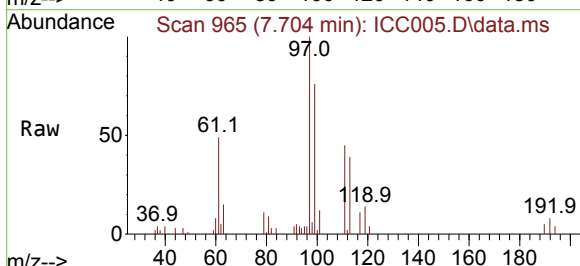
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

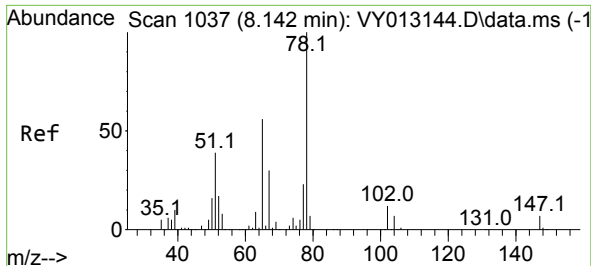
Tgt Ion: 56 Resp: 10769
Ion Ratio Lower Upper
56 100
69 65.6 25.7 38.5#
84 104.7 64.3 96.5#



#32
1,1,1-Trichloroethane
Concen: 5.132 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

Tgt Ion: 97 Resp: 10372
Ion Ratio Lower Upper
97 100
99 66.2 51.0 76.6
61 47.2 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 5.539 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

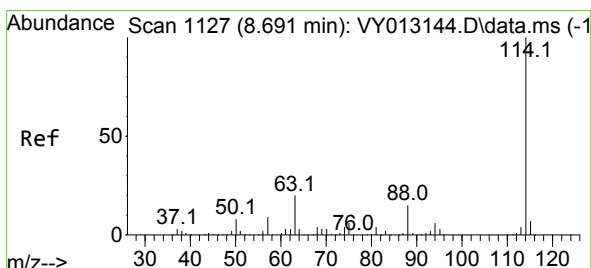
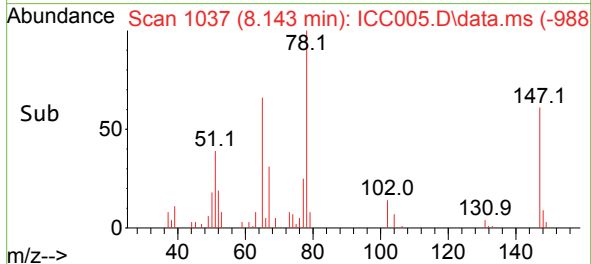
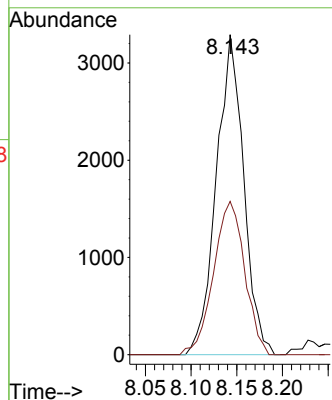
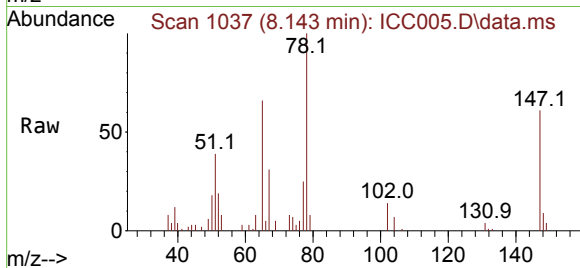
VSTDICC005

Tgt Ion: 65 Resp: 6855

Ion Ratio Lower Upper

65 100

67 54.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

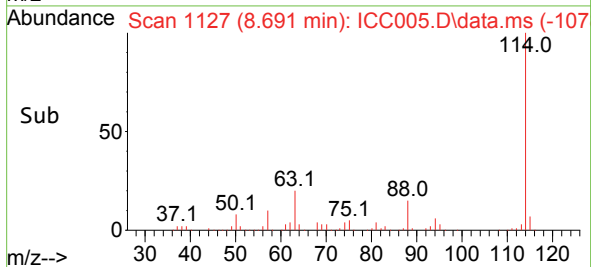
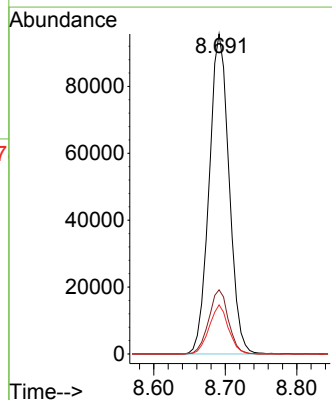
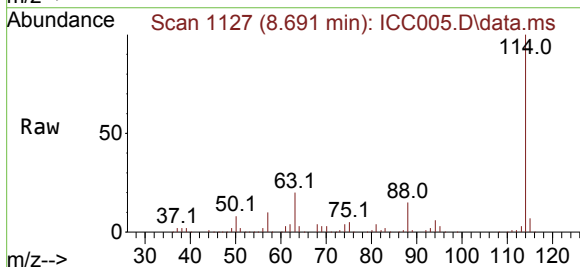
Tgt Ion: 114 Resp: 184943

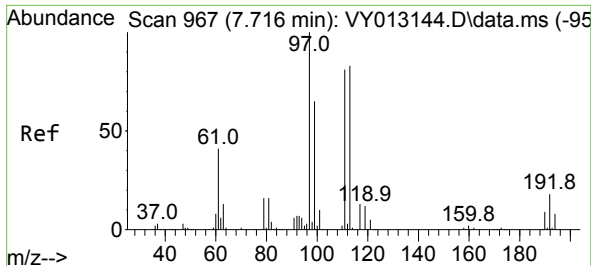
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 15.3 0.0 28.6

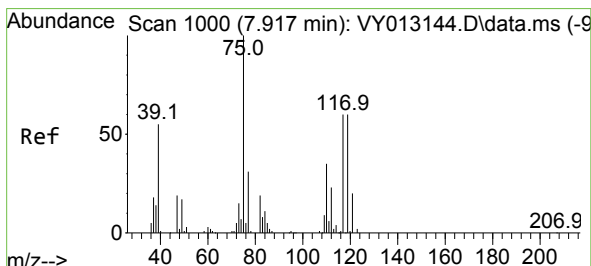
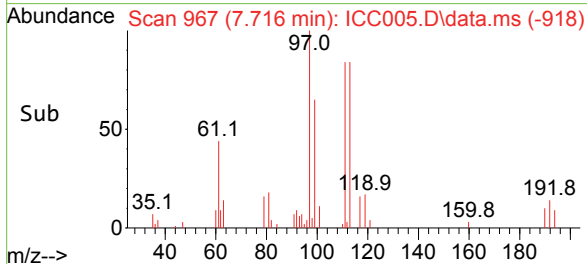
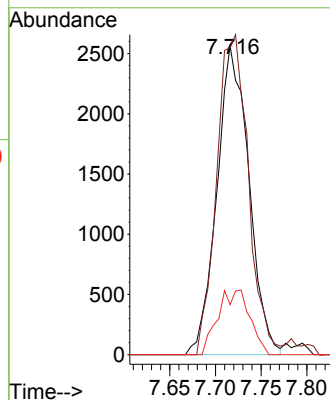
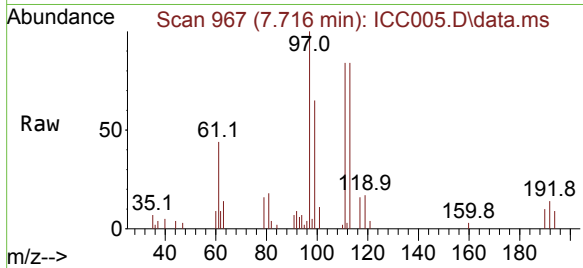




#35
Dibromofluoromethane
Concen: 5.158 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

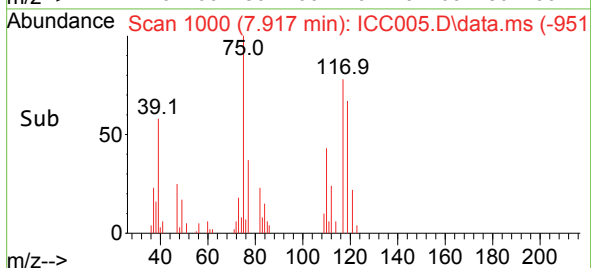
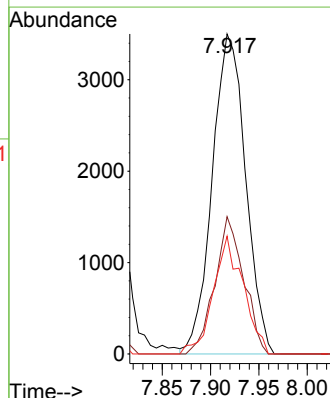
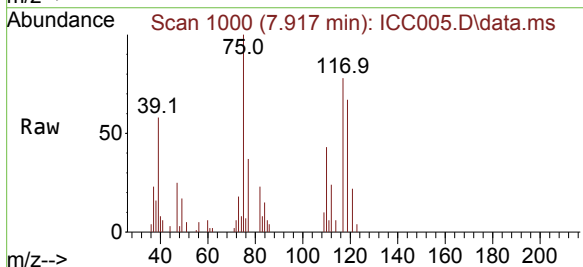
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

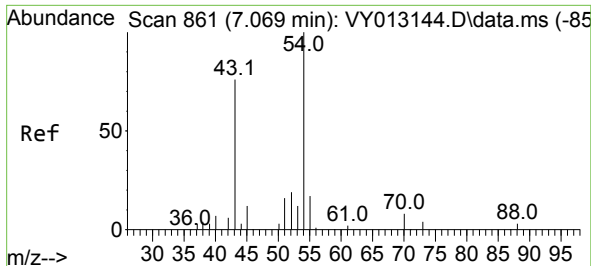
Tgt Ion:113 Resp: 6232
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 21.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.620 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

Tgt Ion: 75 Resp: 8403
Ion Ratio Lower Upper
75 100
110 37.1 17.8 53.3
77 33.0 25.0 37.4

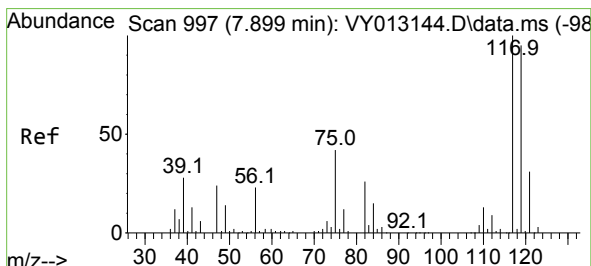
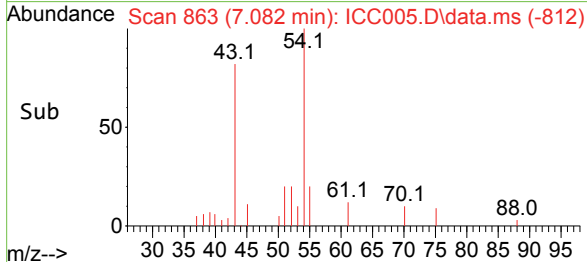
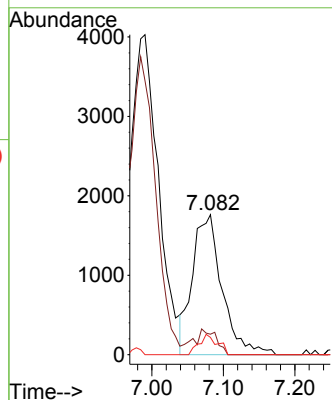
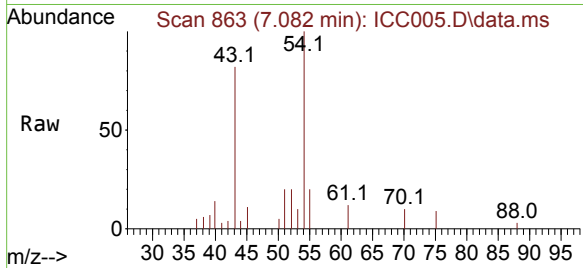




#37
Ethyl Acetate
Concen: 4.908 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.012 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

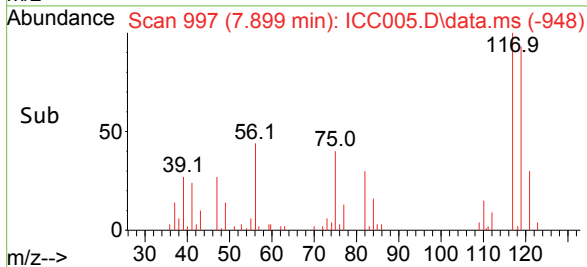
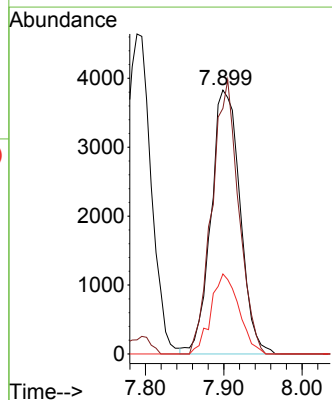
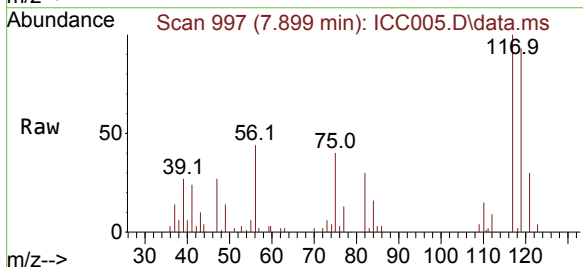
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

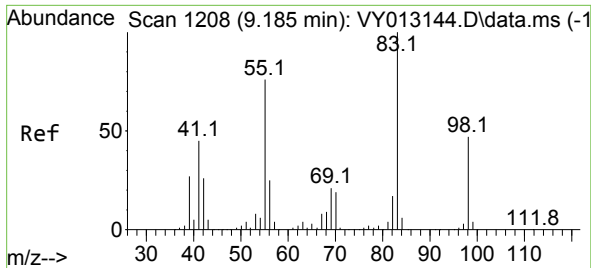
Tgt Ion: 43	Resp: 5071
Ion Ratio	Lower Upper
43	100
61	13.3 10.7 16.1
70	9.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 4.922 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

Tgt Ion: 117	Resp: 9878
Ion Ratio	Lower Upper
117	100
119	93.1 77.2 115.8
121	30.4 24.7 37.1





#39

Methylcyclohexane

Concen: 4.401 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

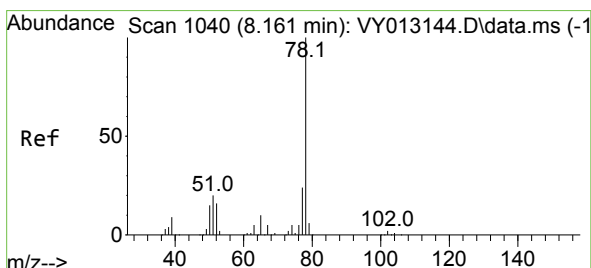
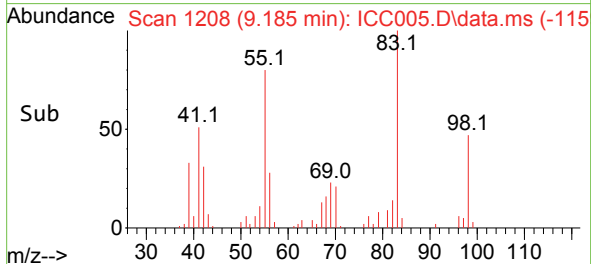
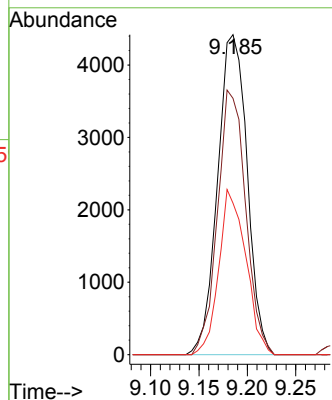
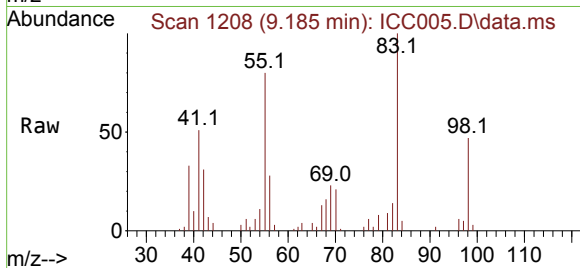
Tgt Ion: 83 Resp: 9390

Ion Ratio Lower Upper

83 100

55 80.1 60.0 90.0

98 47.3 38.3 57.5



#40

Benzene

Concen: 4.963 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: ICC005.D

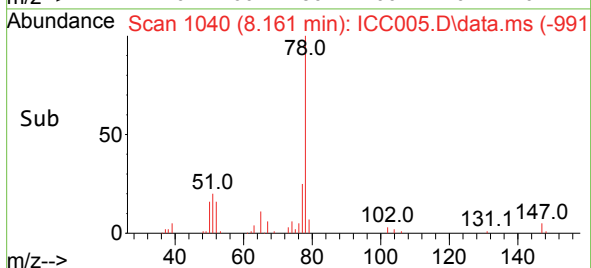
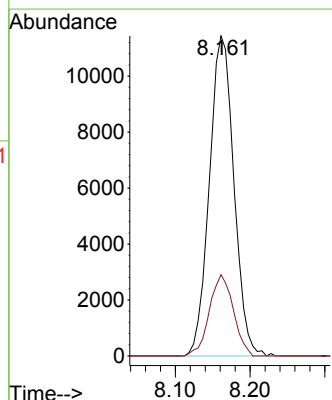
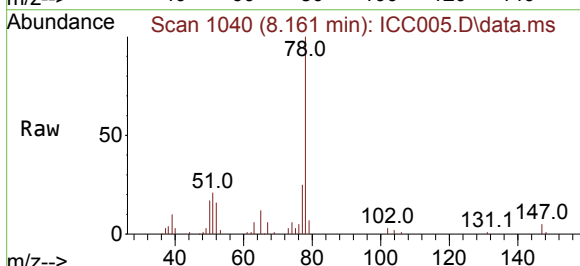
Acq: 30 Mar 2023 09:51

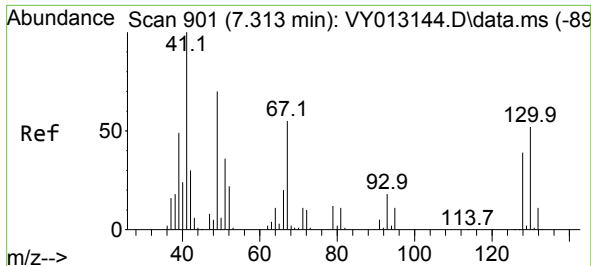
Tgt Ion: 78 Resp: 26070

Ion Ratio Lower Upper

78 100

77 25.4 19.4 29.0

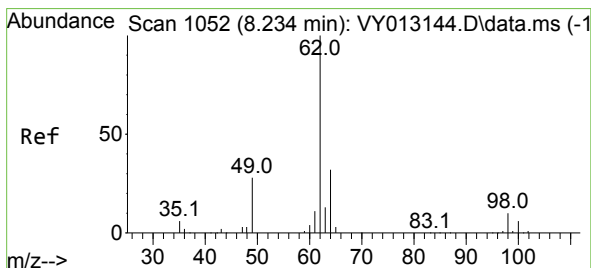
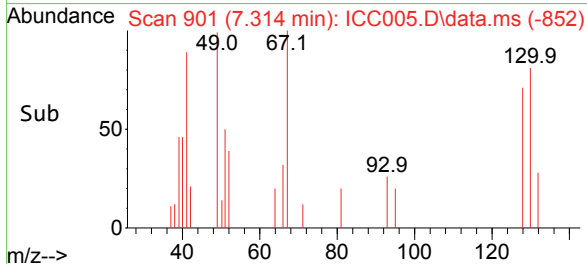
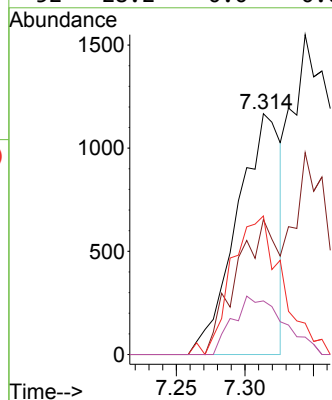
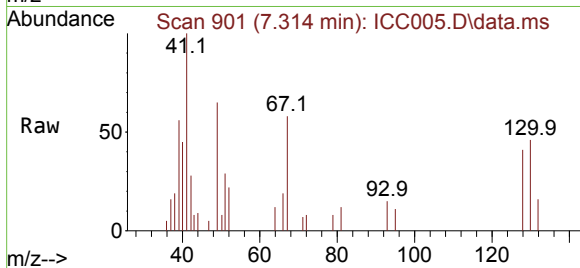




#41
Methacrylonitrile
Concen: 5.136 ug/l
RT: 7.314 min Scan# 901
Delta R.T. 0.000 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

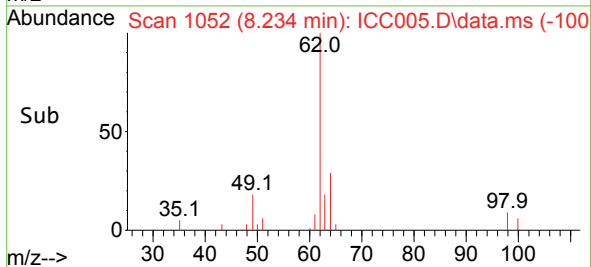
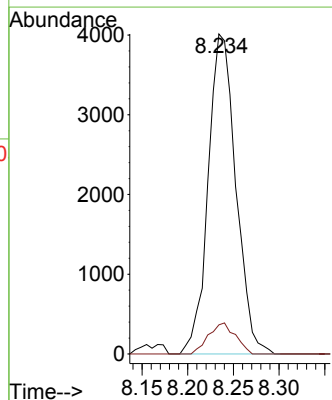
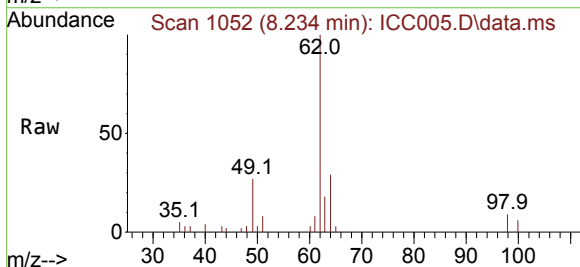
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

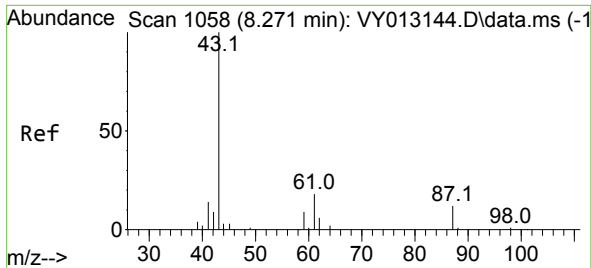
Tgt Ion:	41	Resp:	2578
Ion	Ratio	Lower	Upper
41	100		
39	54.2	0.0	0.0#
67	67.1	0.0	0.0#
52	28.2	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 5.279 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

Tgt Ion:	62	Resp:	8497
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.8

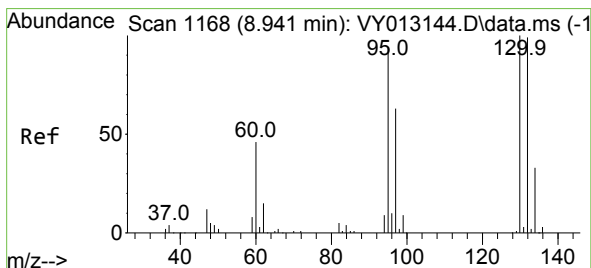
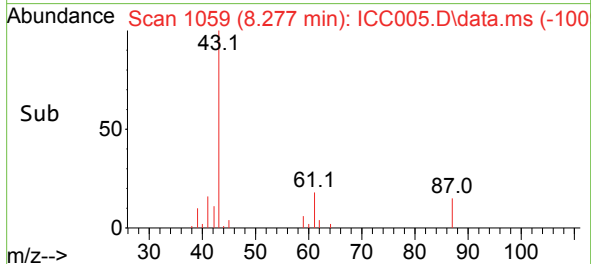
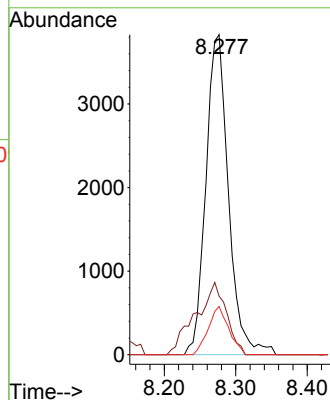
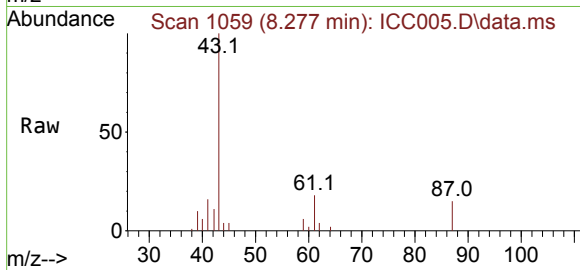




#43
Isopropyl Acetate
Concen: 4.548 ug/l
RT: 8.277 min Scan# 1058
Delta R.T. 0.006 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

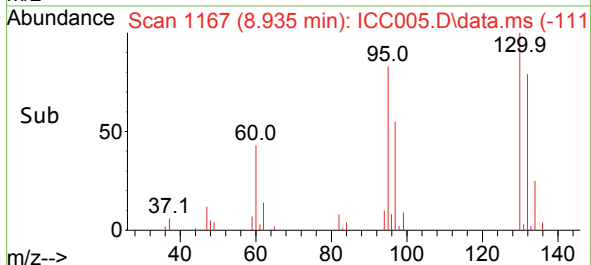
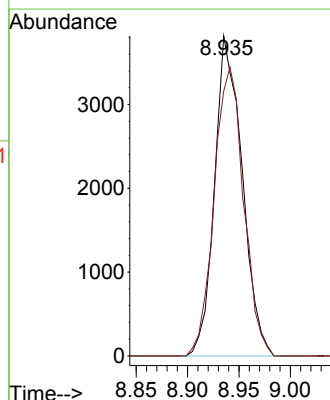
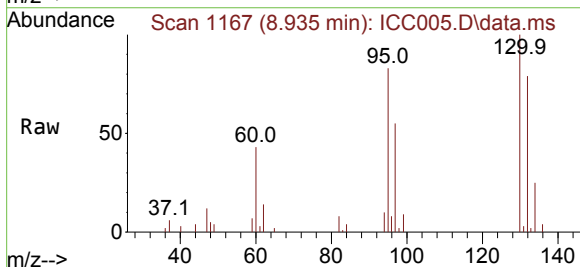
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

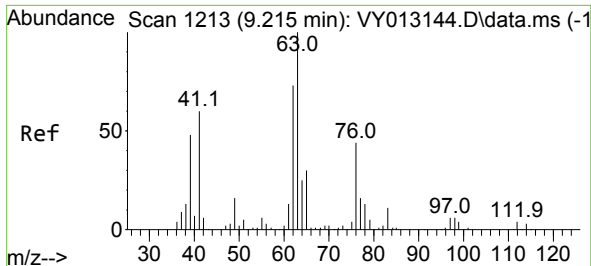
Tgt Ion: 43 Resp: 8412
Ion Ratio Lower Upper
43 100
61 30.8 21.6 32.4
87 13.7 9.9 14.9



#44
Trichloroethene
Concen: 4.929 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

Tgt Ion: 130 Resp: 7128
Ion Ratio Lower Upper
130 100
95 82.8 0.0 185.0

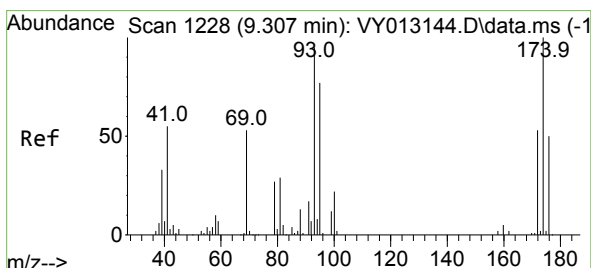
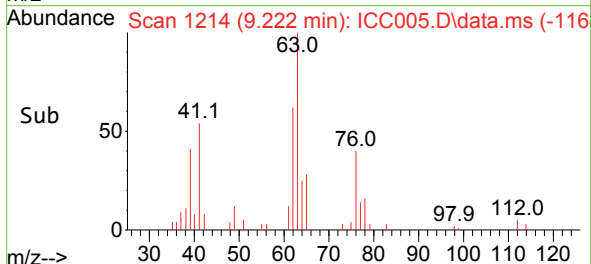
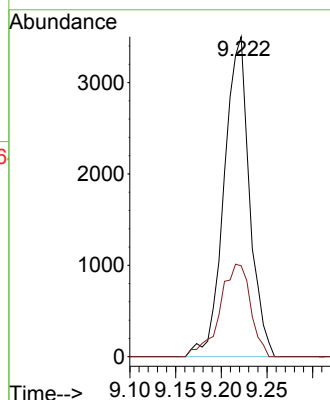
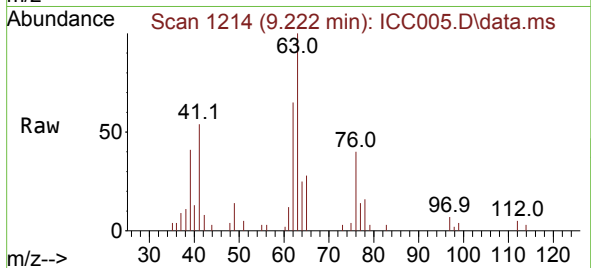




#45
1,2-Dichloropropane
Concen: 5.146 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.006 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

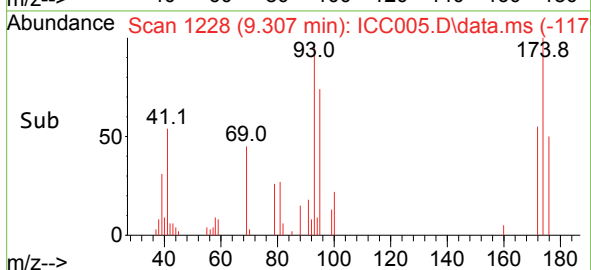
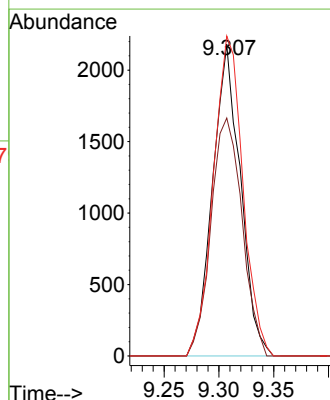
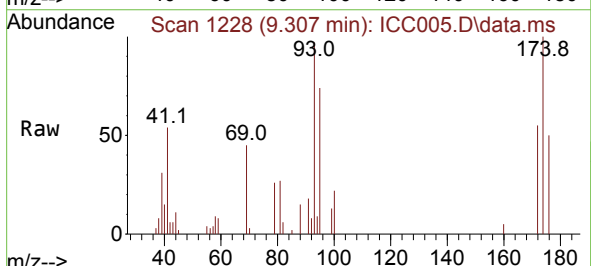
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

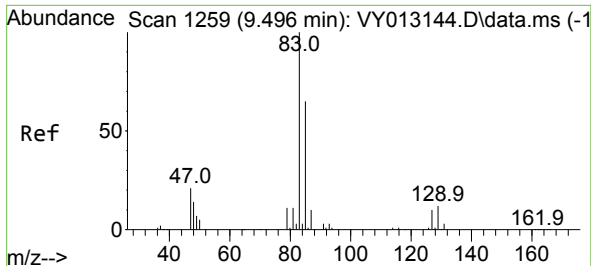
Tgt Ion: 63 Resp: 6769
Ion Ratio Lower Upper
63 100
65 28.4 25.7 38.5



#46
Dibromomethane
Concen: 5.089 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

Tgt Ion: 93 Resp: 3846
Ion Ratio Lower Upper
93 100
95 85.4 65.6 98.4
174 108.9 81.3 121.9

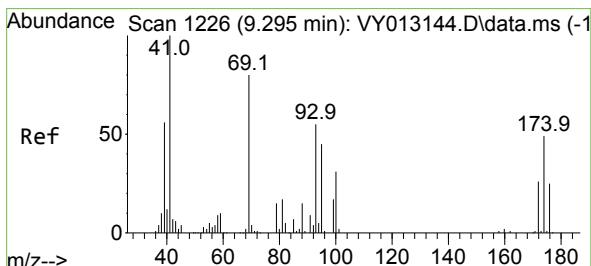
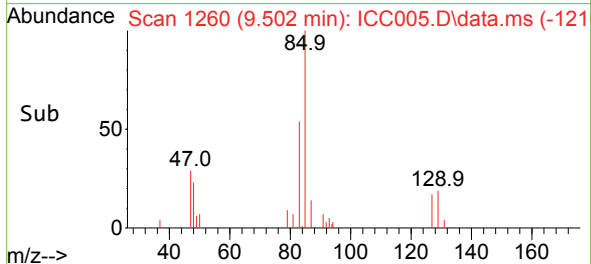
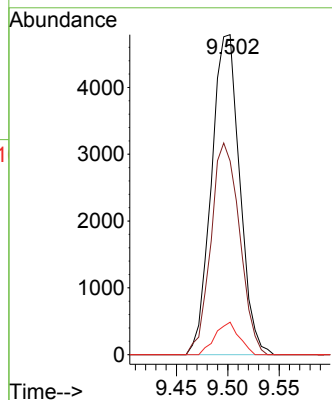
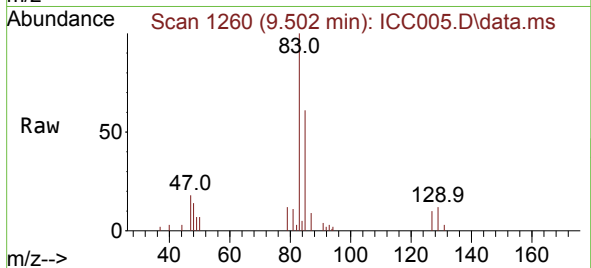




#47
Bromodichloromethane
Concen: 5.020 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

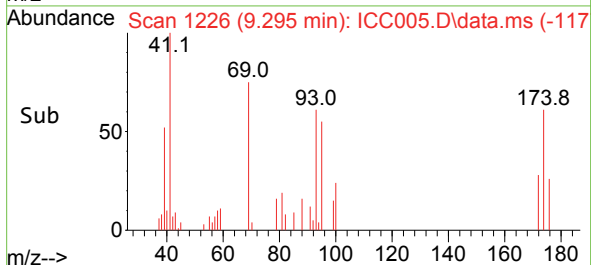
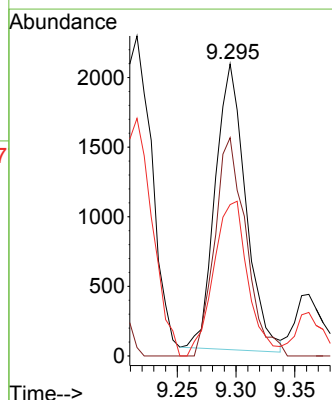
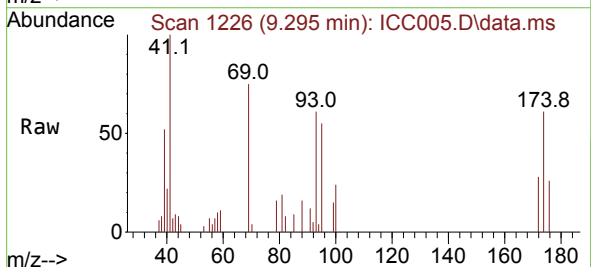
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

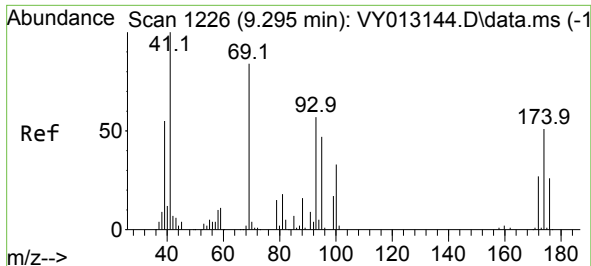
Tgt Ion: 83 Resp: 9153
Ion Ratio Lower Upper
83 100
85 60.5 50.2 75.4
127 10.1 6.3 9.5#



#48
Methyl methacrylate
Concen: 4.303 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

Tgt Ion: 41 Resp: 3706
Ion Ratio Lower Upper
41 100
69 78.6 64.1 96.1
39 61.2 44.0 66.0





#49

1,4-Dioxane

Concen: 84.762 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.006 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

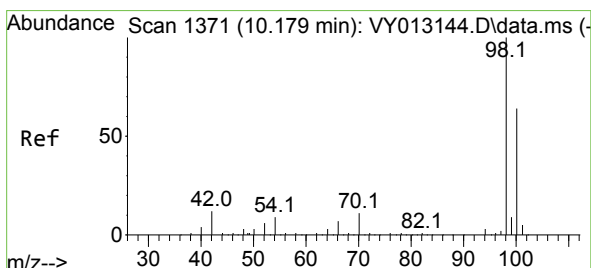
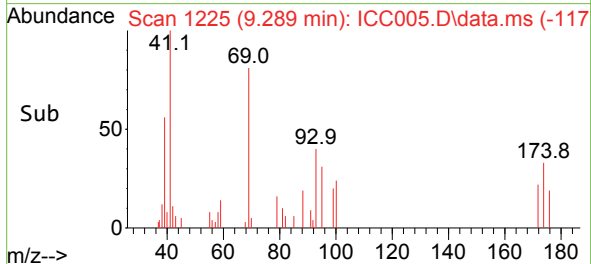
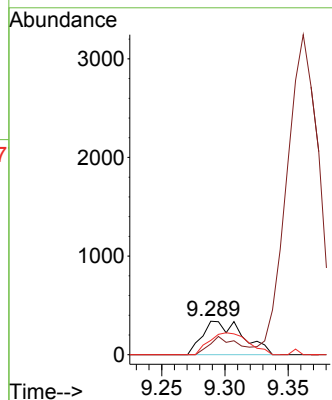
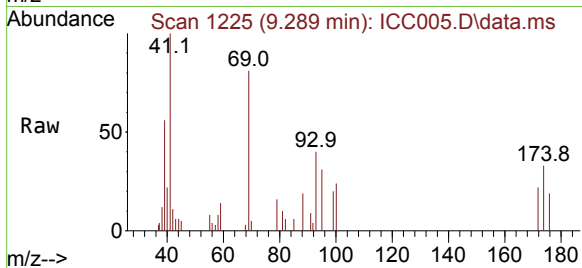
Tgt Ion: 88 Resp: 762

Ion Ratio Lower Upper

88 100

43 37.5 28.6 42.8

58 62.6 55.2 82.8



#50

Toluene-d8

Concen: 4.965 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: ICC005.D

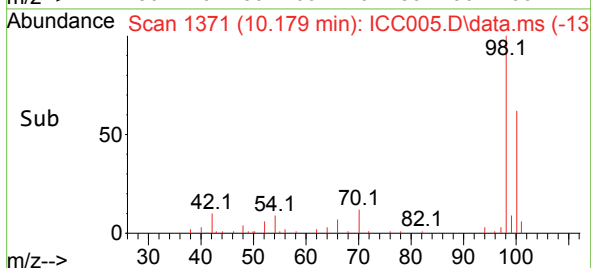
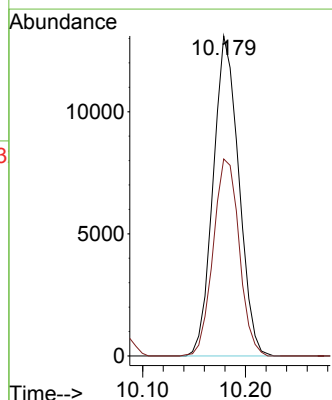
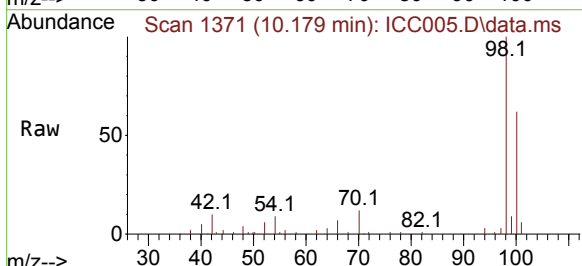
Acq: 30 Mar 2023 09:51

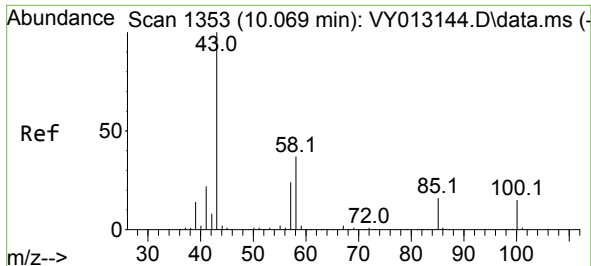
Tgt Ion: 98 Resp: 22644

Ion Ratio Lower Upper

98 100

100 62.5 50.9 76.3

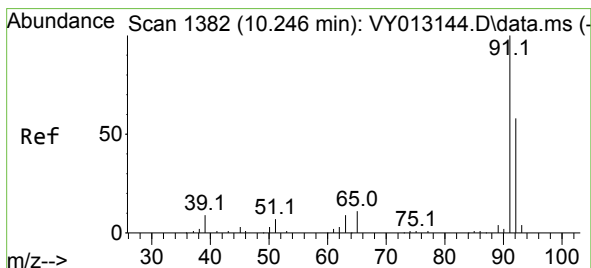
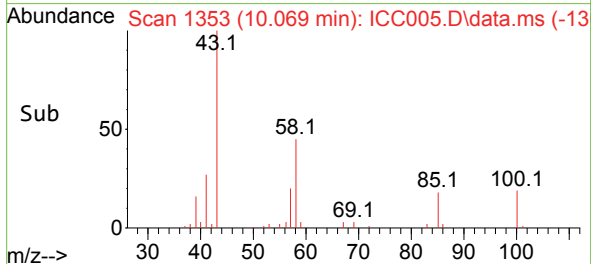
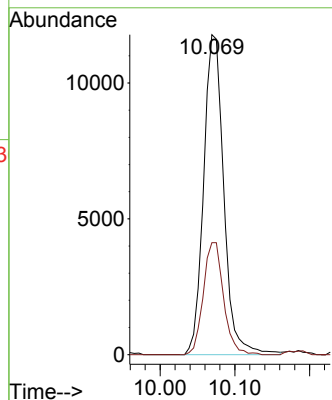
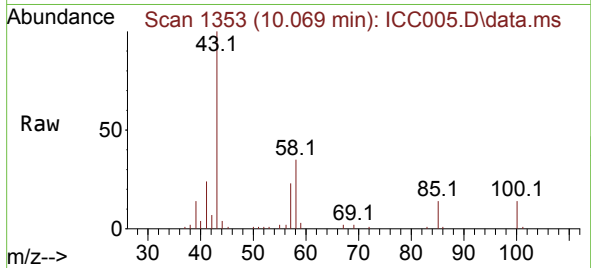




#51
4-Methyl-2-Pentanone
Concen: 22.132 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

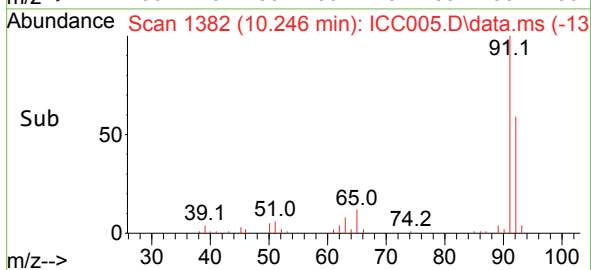
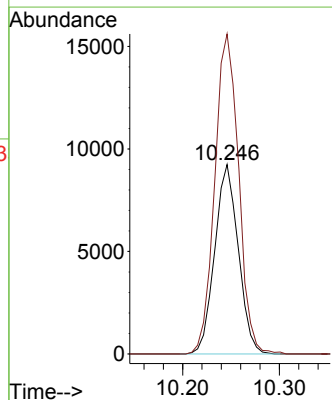
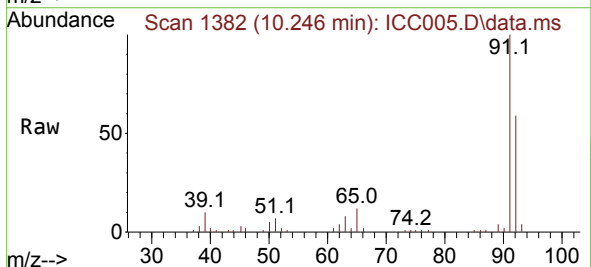
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

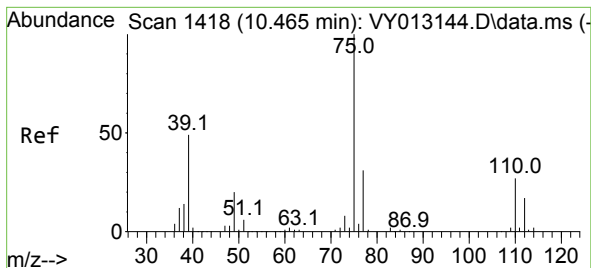
Tgt Ion: 43 Resp: 22090
Ion Ratio Lower Upper
43 100
58 35.2 29.8 44.6



#52
Toluene
Concen: 4.793 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

Tgt Ion: 92 Resp: 15620
Ion Ratio Lower Upper
92 100
91 171.1 141.3 211.9

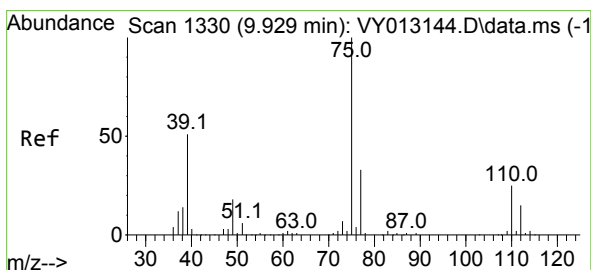
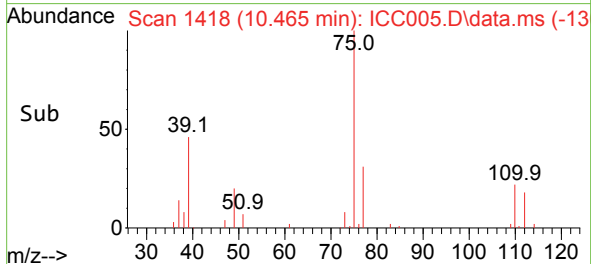
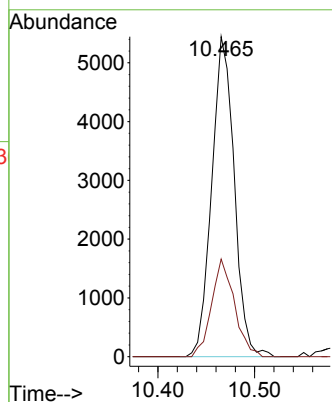
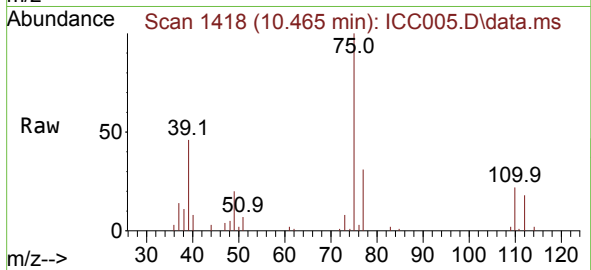




#53
 t-1,3-Dichloropropene
 Concen: 4.723 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: ICC005.D
 Acq: 30 Mar 2023 09:51

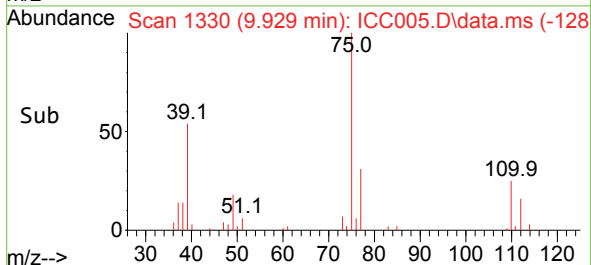
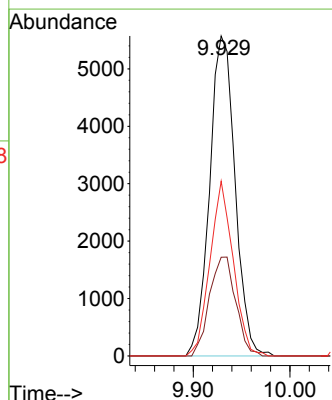
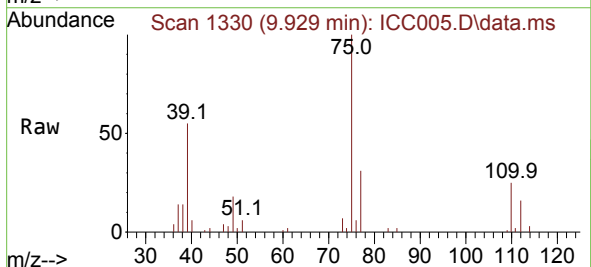
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

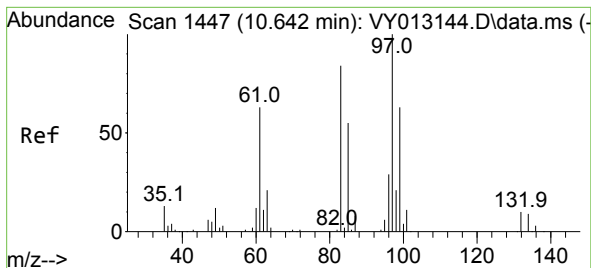
Tgt Ion: 75 Resp: 8802
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 4.781 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: ICC005.D
 Acq: 30 Mar 2023 09:51

Tgt Ion: 75 Resp: 10176
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.0
 39 54.6 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 4.973 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 5195

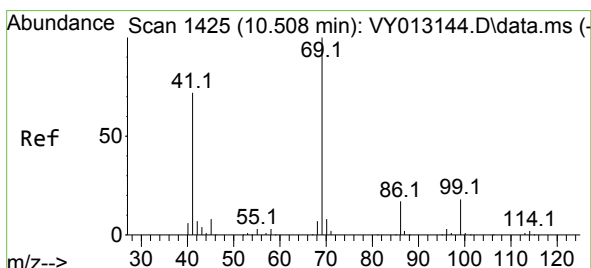
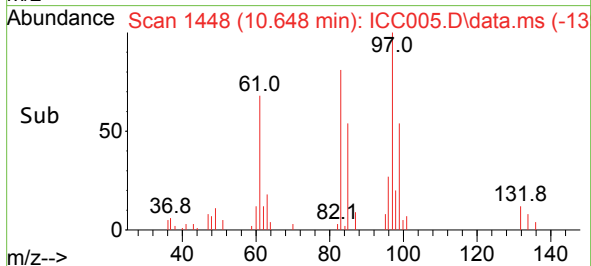
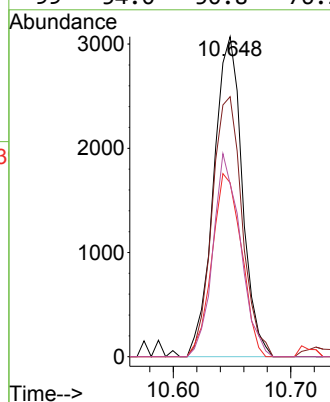
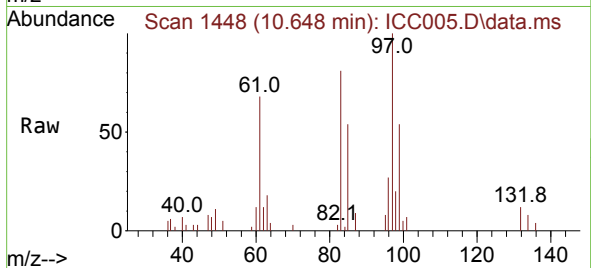
Ion Ratio Lower Upper

97 100

83 81.3 69.0 103.6

85 54.3 44.9 67.3

99 54.0 50.8 76.2



#56

Ethyl methacrylate

Concen: 4.238 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

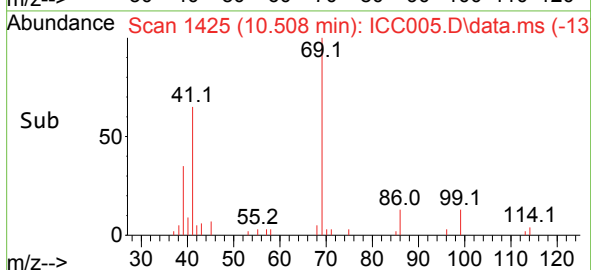
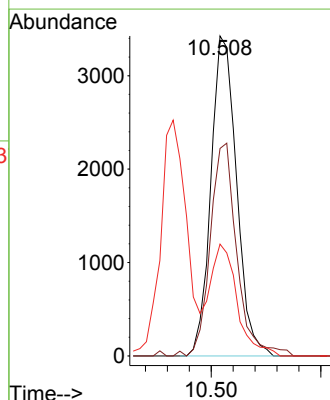
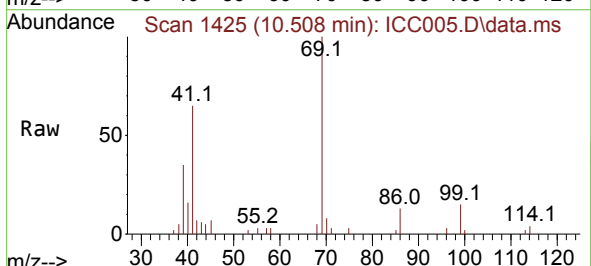
Tgt Ion: 69 Resp: 5566

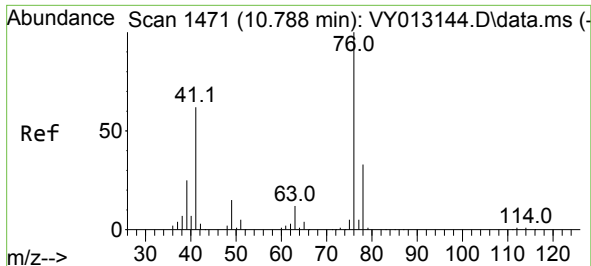
Ion Ratio Lower Upper

69 100

41 69.1 56.4 84.6

39 37.1 30.8 46.2

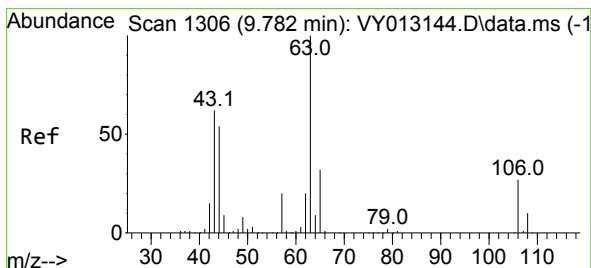
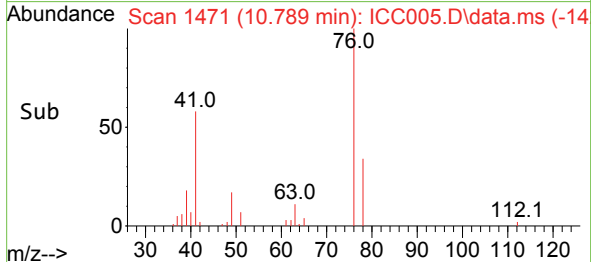
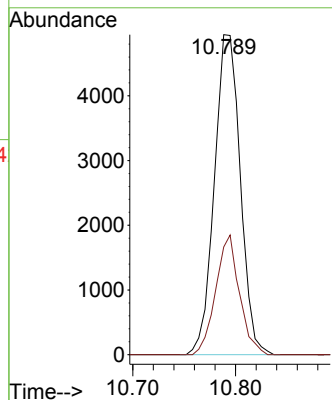
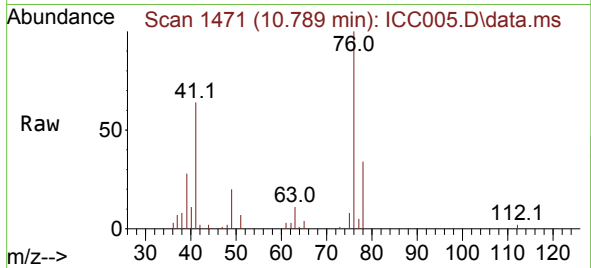




#57
1,3-Dichloropropane
Concen: 4.908 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.000 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

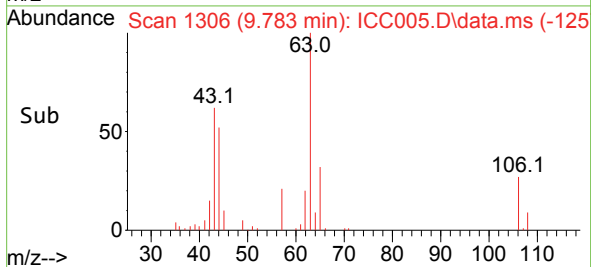
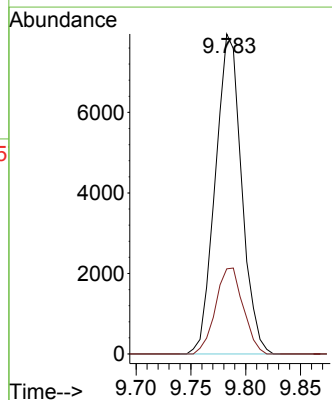
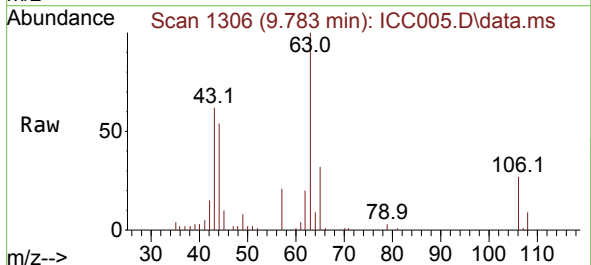
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

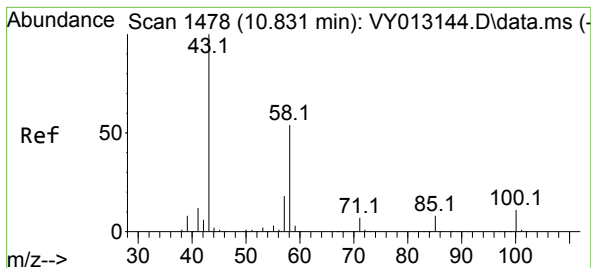
Tgt Ion: 76 Resp: 8654
Ion Ratio Lower Upper
76 100
78 34.1 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 21.575 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

Tgt Ion: 63 Resp: 13249
Ion Ratio Lower Upper
63 100
106 28.2 22.1 33.1





#59

2-Hexanone

Concen: 21.133 ug/l

RT: 10.837 min Scan# 1478

Delta R.T. 0.006 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

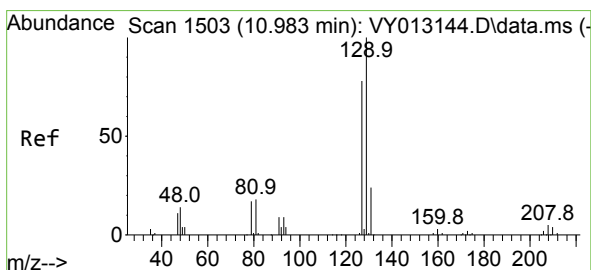
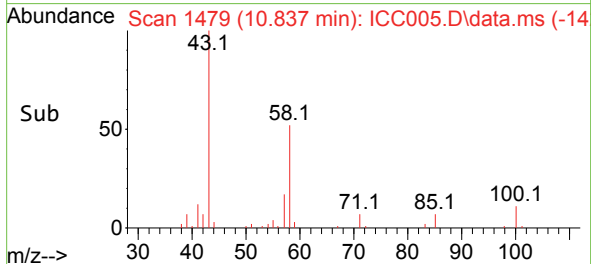
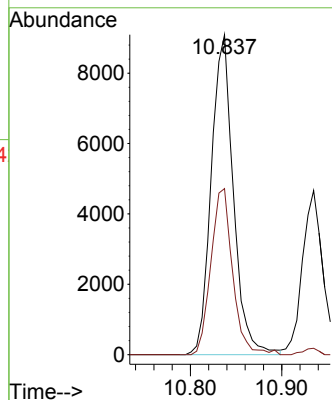
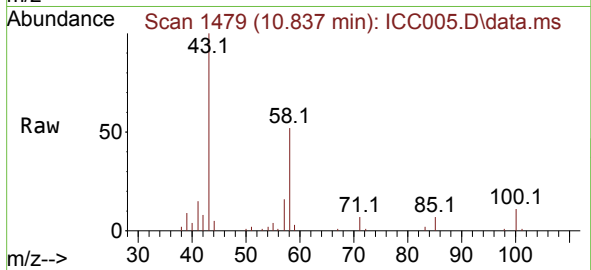
VSTDIC005

Tgt Ion: 43 Resp: 15255

Ion Ratio Lower Upper

43 100

58 51.0 25.9 77.8



#60

Dibromochloromethane

Concen: 4.986 ug/l

RT: 10.990 min Scan# 1504

Delta R.T. 0.006 min

Lab File: ICC005.D

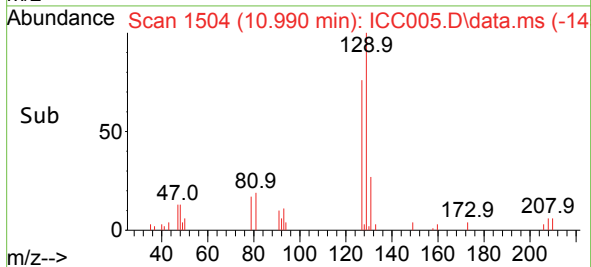
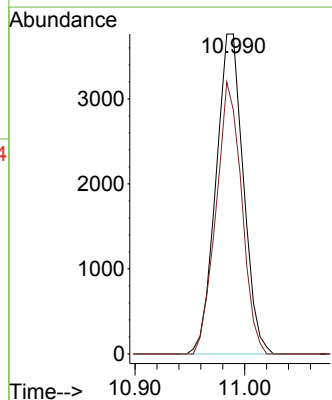
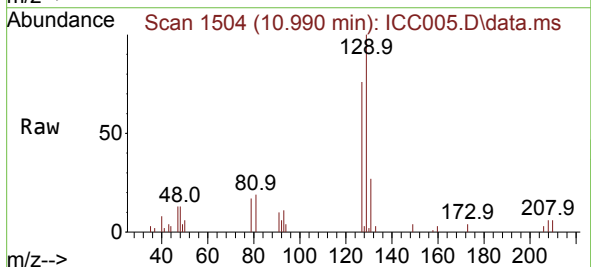
Acq: 30 Mar 2023 09:51

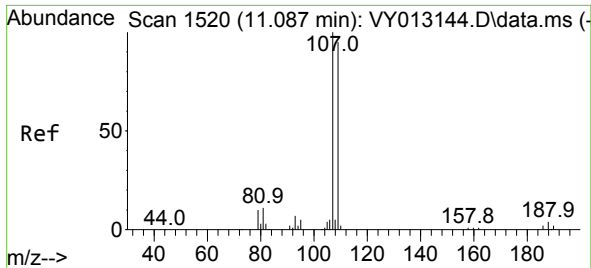
Tgt Ion:129 Resp: 6542

Ion Ratio Lower Upper

129 100

127 79.3 38.7 116.1

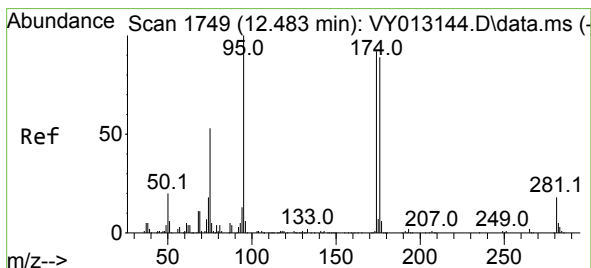
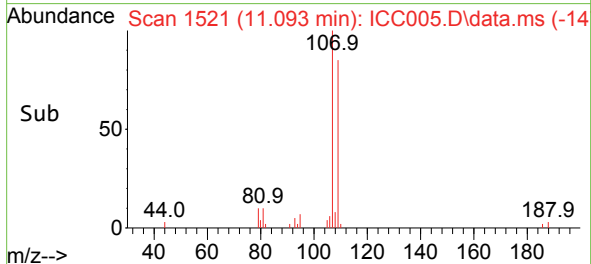
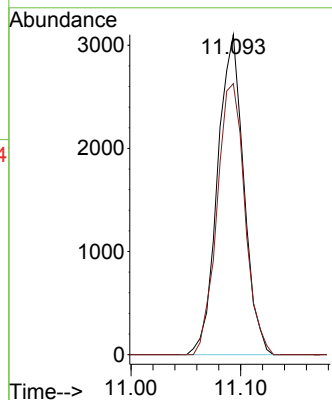
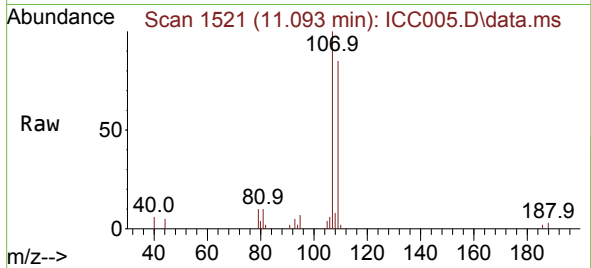




#61
1,2-Dibromoethane
Concen: 5.090 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

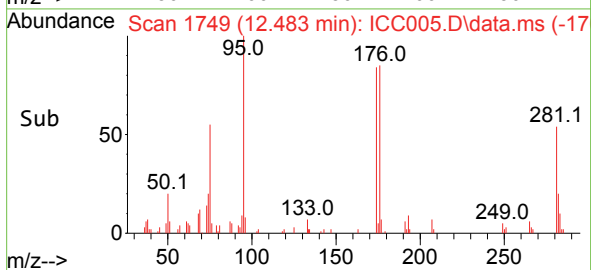
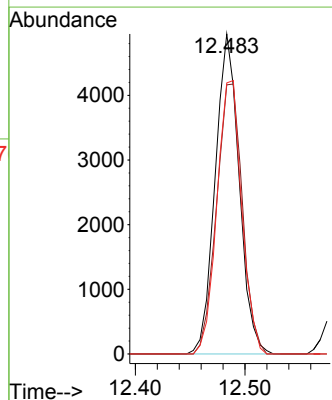
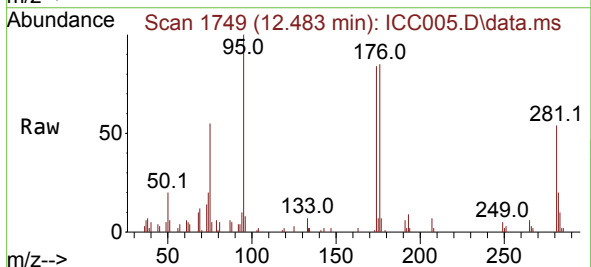
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

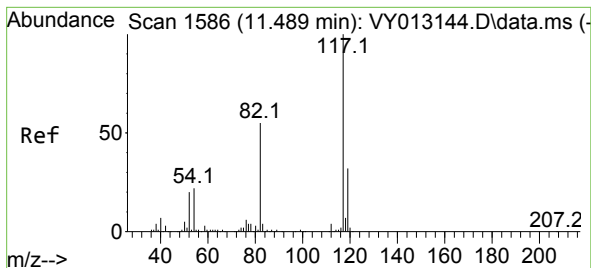
Tgt Ion:107 Resp: 5152
Ion Ratio Lower Upper
107 100
109 90.0 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 5.065 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

Tgt Ion: 95 Resp: 7519
Ion Ratio Lower Upper
95 100
174 90.8 0.0 176.6
176 88.2 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

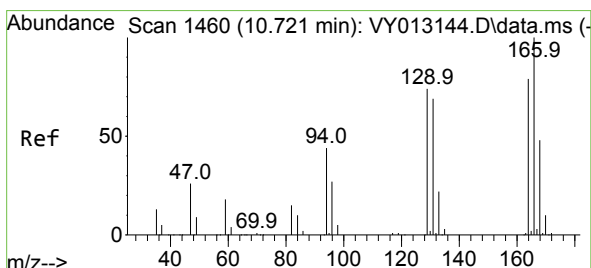
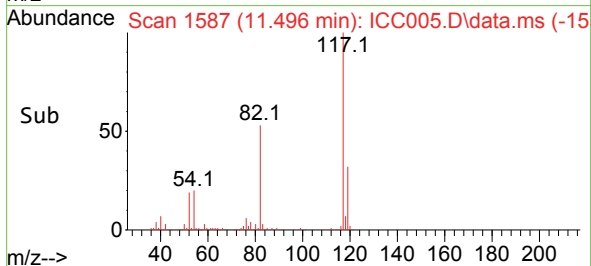
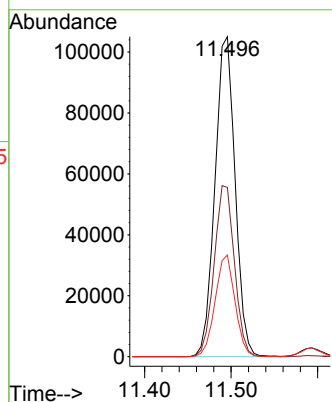
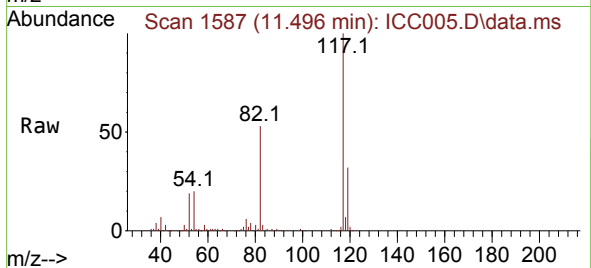
Tgt Ion:117 Resp: 169671

Ion Ratio Lower Upper

117 100

82 52.9 45.4 68.0

119 31.8 25.6 38.4



#64

Tetrachloroethene

Concen: 5.053 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

Tgt Ion:164 Resp: 6591

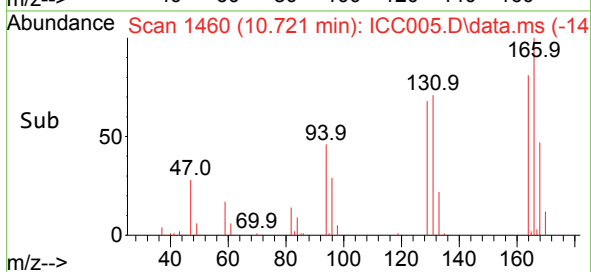
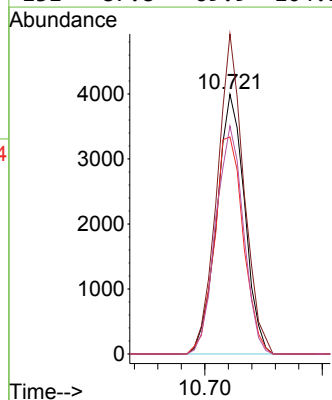
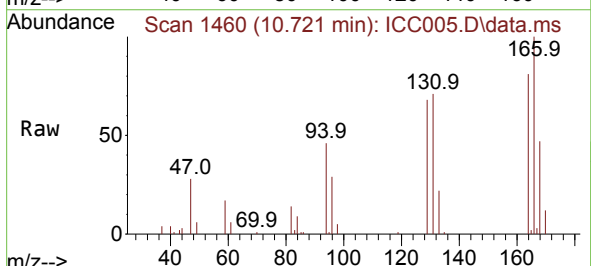
Ion Ratio Lower Upper

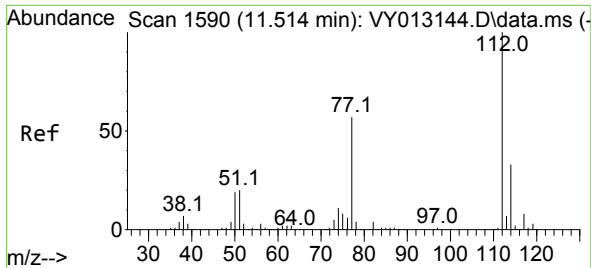
164 100

166 123.2 103.4 155.2

129 83.5 71.4 107.2

131 87.8 69.9 104.9

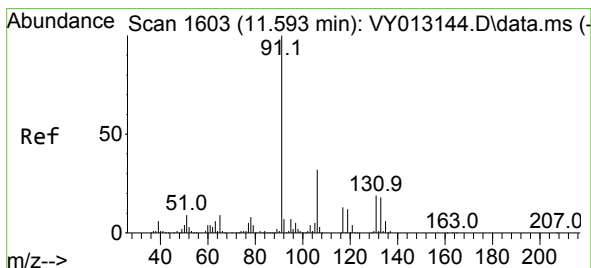
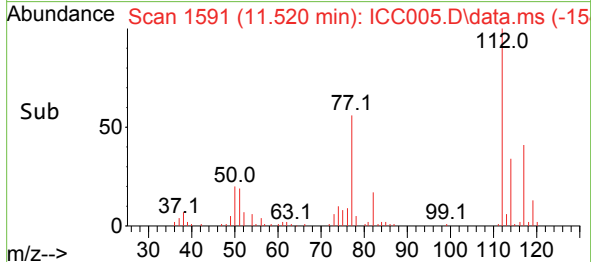
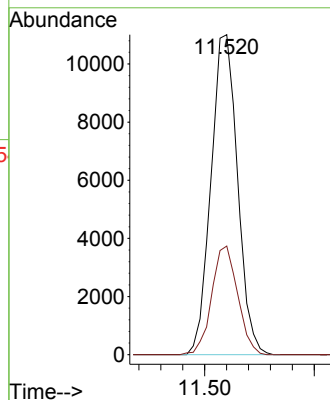
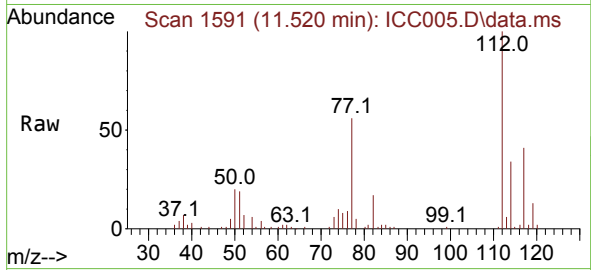




#65
Chlorobenzene
Concen: 5.142 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.006 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

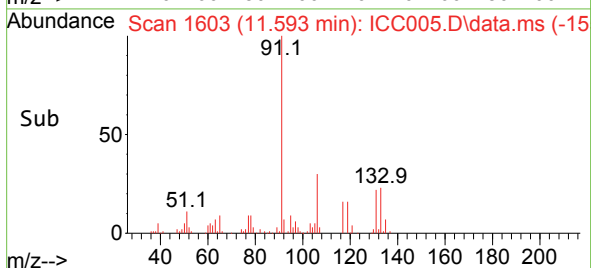
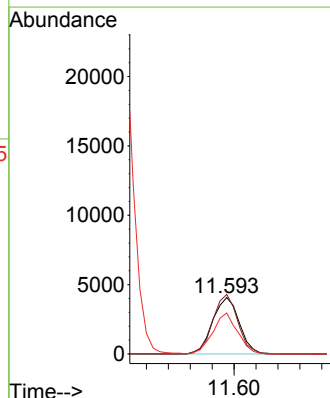
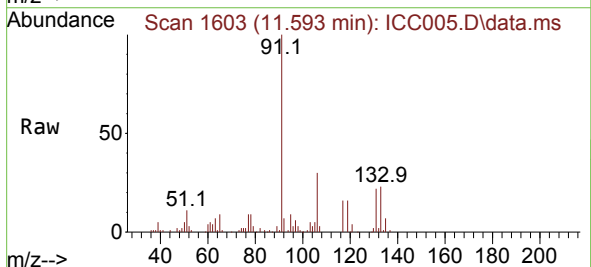
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

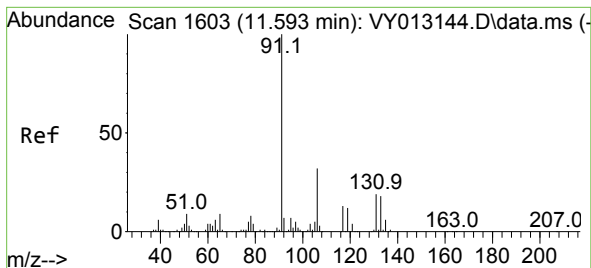
Tgt Ion:112 Resp: 18521
Ion Ratio Lower Upper
112 100
114 34.0 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 5.074 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

Tgt Ion:131 Resp: 6852
Ion Ratio Lower Upper
131 100
133 98.9 48.0 144.0
119 67.6 32.6 98.0





#67

Ethyl Benzene

Concen: 4.625 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

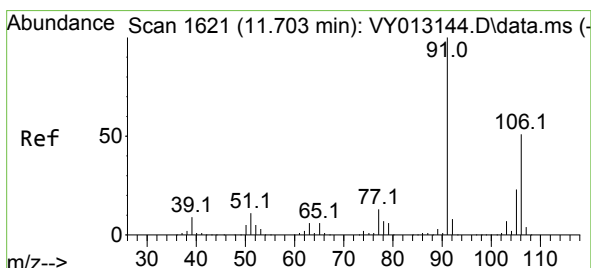
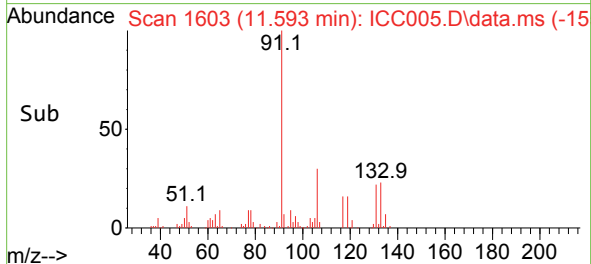
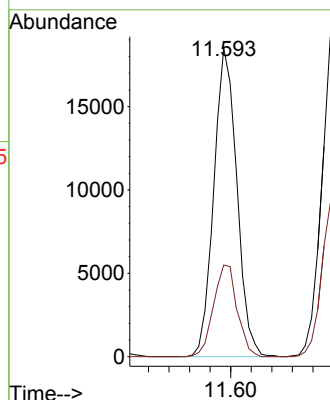
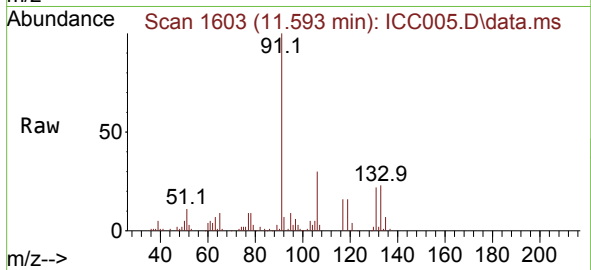
VSTDIC005

Tgt Ion: 91 Resp: 28770

Ion Ratio Lower Upper

91 100

106 29.7 25.1 37.7



#68

m/p-Xylenes

Concen: 8.809 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: ICC005.D

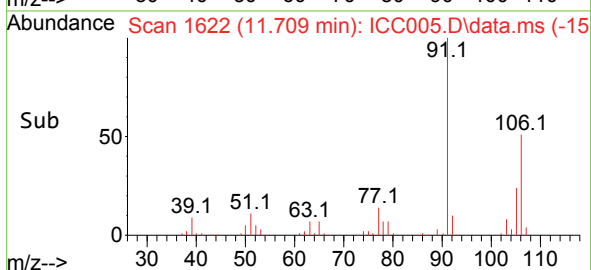
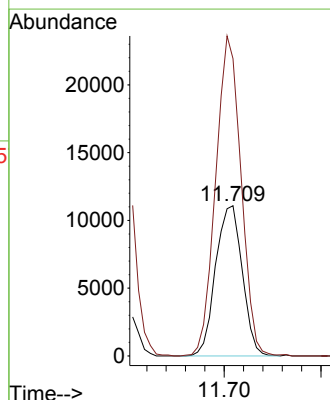
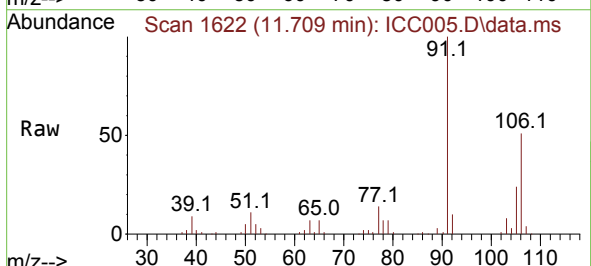
Acq: 30 Mar 2023 09:51

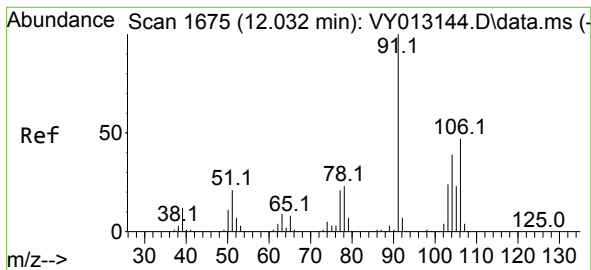
Tgt Ion: 106 Resp: 21200

Ion Ratio Lower Upper

106 100

91 202.9 159.8 239.8

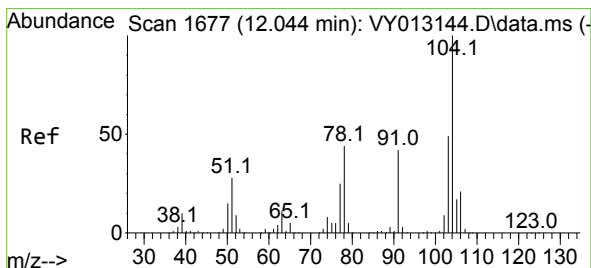
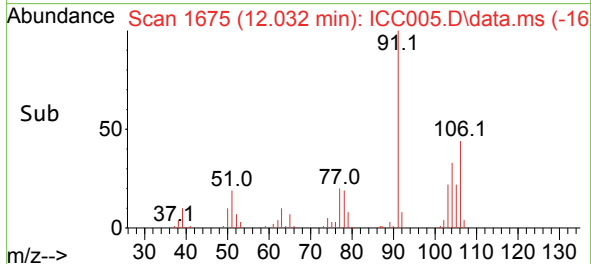
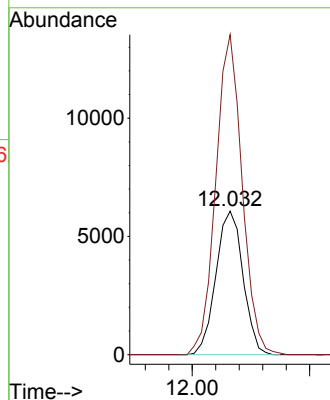
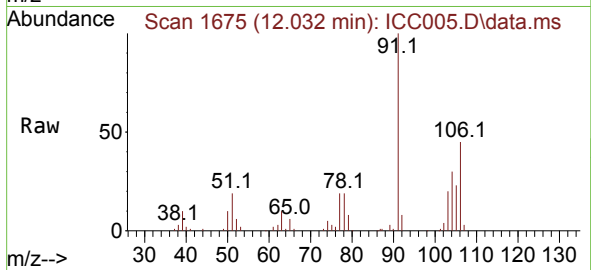




#69
o-Xylene
Concen: 4.353 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

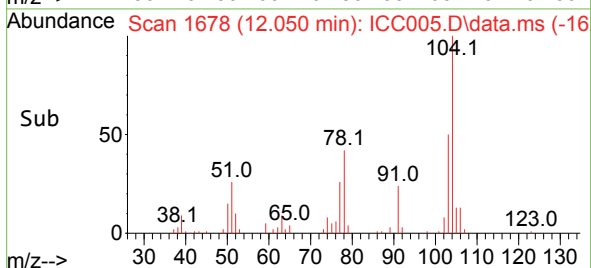
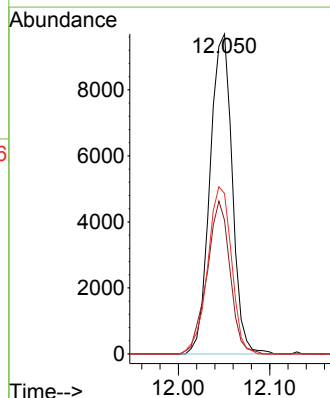
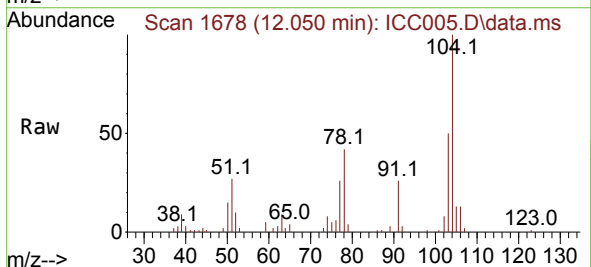
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

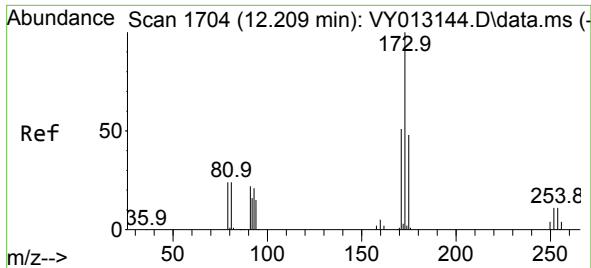
Tgt Ion:106 Resp: 9716
Ion Ratio Lower Upper
106 100
91 217.0 107.2 321.6



#70
Styrene
Concen: 4.385 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

Tgt Ion:104 Resp: 16372
Ion Ratio Lower Upper
104 100
78 49.5 39.2 58.8
103 56.0 43.7 65.5

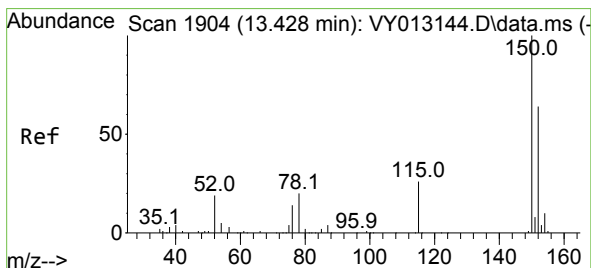
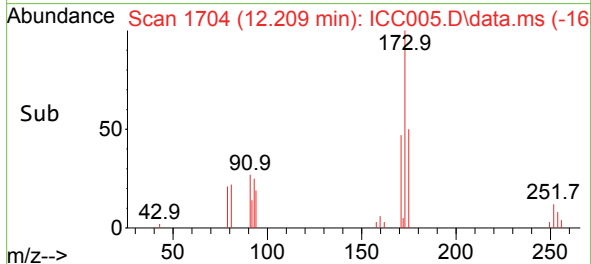
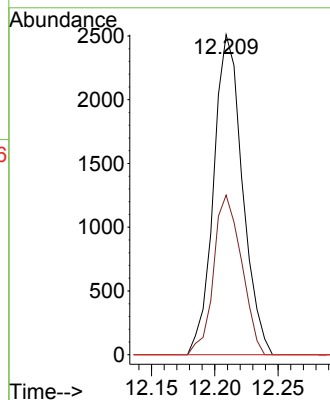
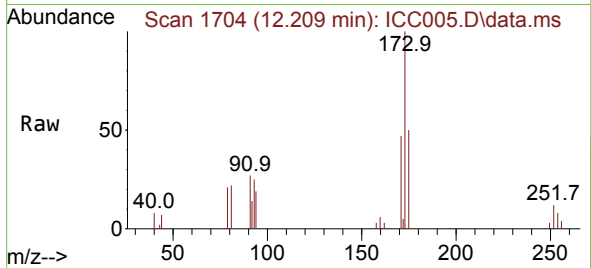




#71
Bromoform
Concen: 4.754 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

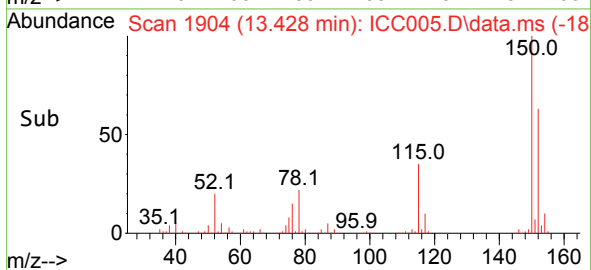
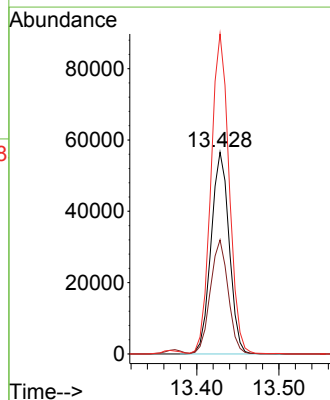
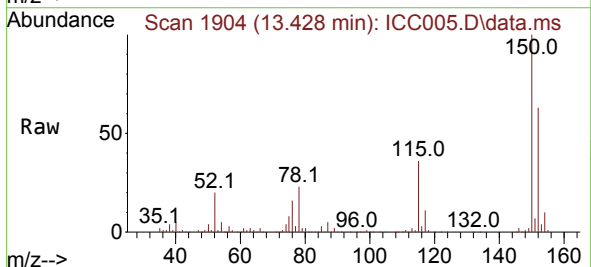
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

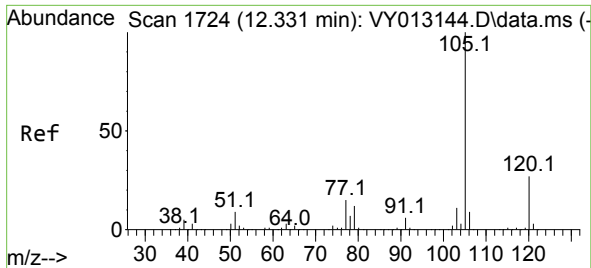
Tgt Ion:173 Resp: 3981
Ion Ratio Lower Upper
173 100
175 48.3 25.0 75.0
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

Tgt Ion:152 Resp: 86617
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 158.4 0.0 347.8

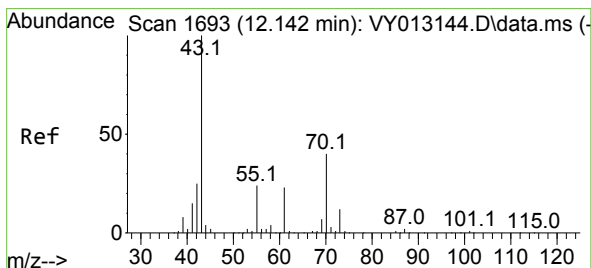
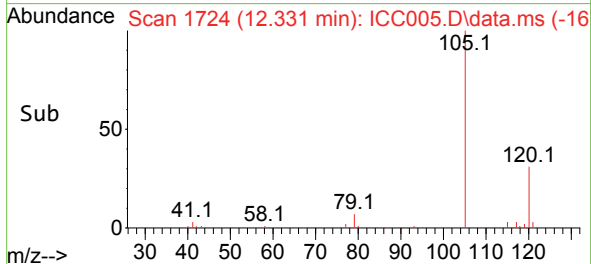
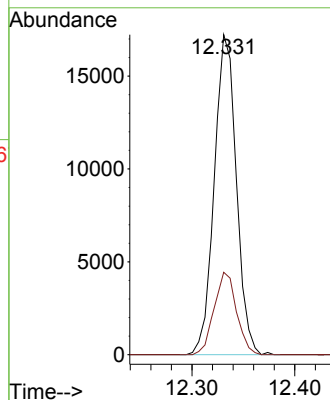
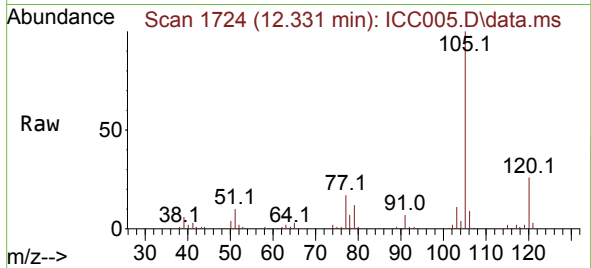




#73
Isopropylbenzene
Concen: 4.289 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

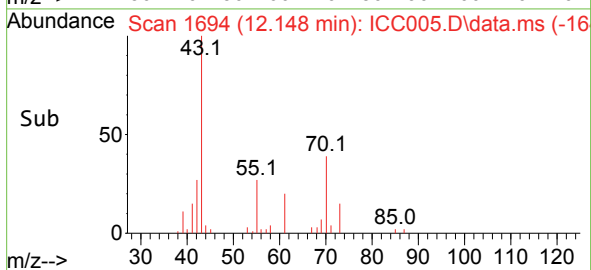
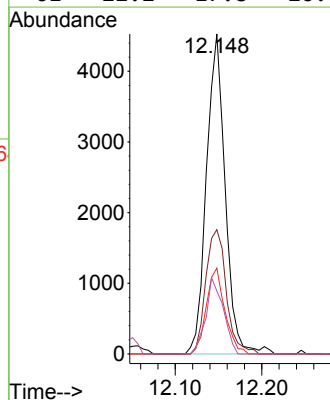
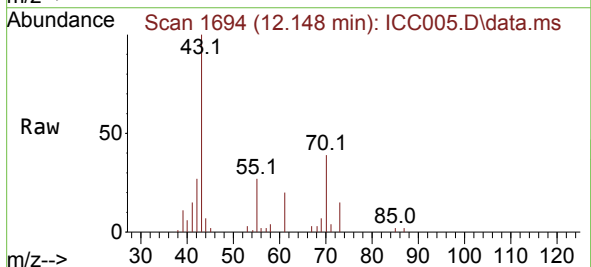
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

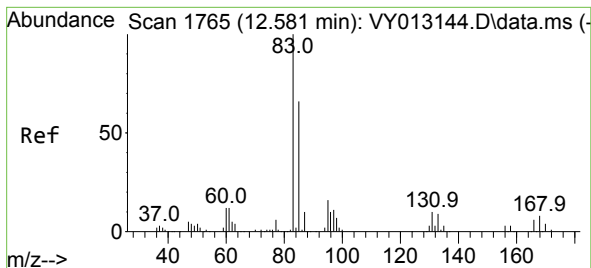
Tgt Ion:105 Resp: 25644
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.2



#74
N-ethyl acetate
Concen: 4.152 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

Tgt Ion: 43 Resp: 6816
Ion Ratio Lower Upper
43 100
70 42.5 31.6 47.4
55 26.6 18.8 28.2
61 22.2 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 4.885 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

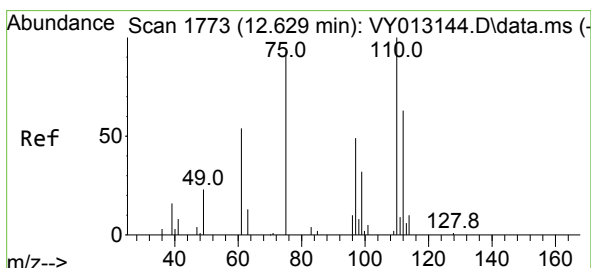
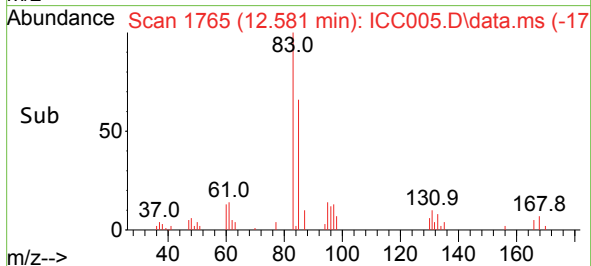
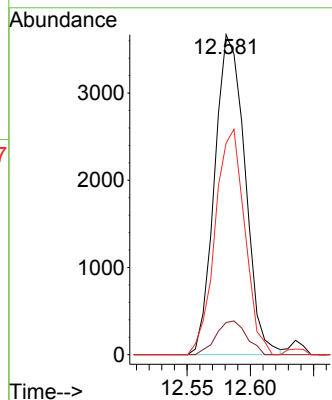
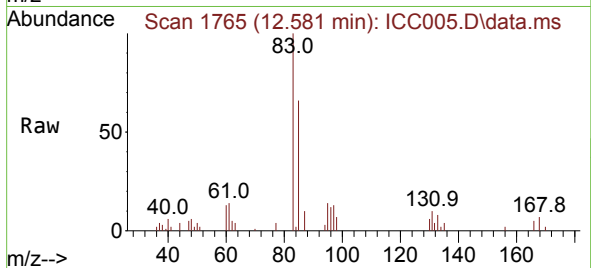
Tgt Ion: 83 Resp: 6118

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.2

85 68.8 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 7.935 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: ICC005.D

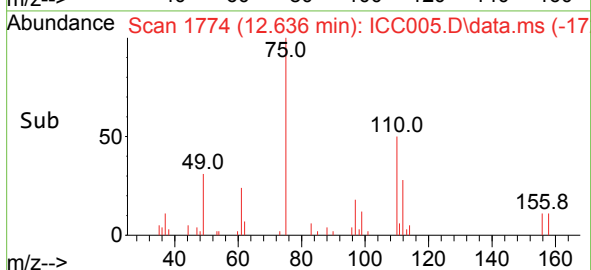
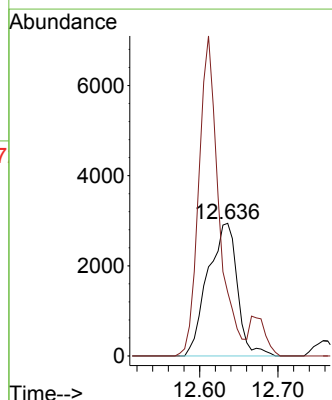
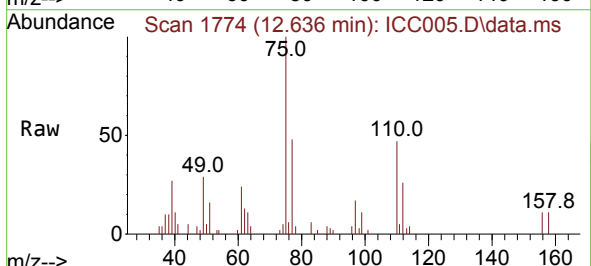
Acq: 30 Mar 2023 09:51

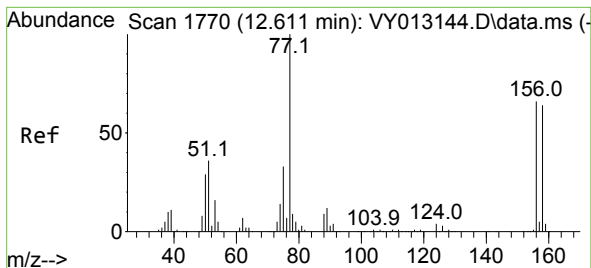
Tgt Ion: 75 Resp: 7719

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.603 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

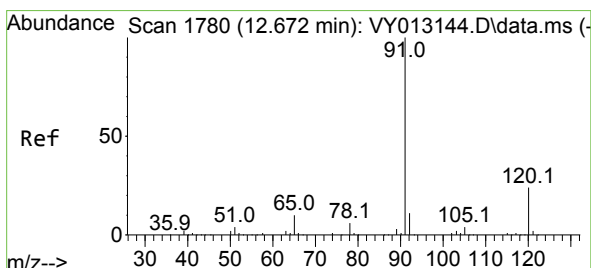
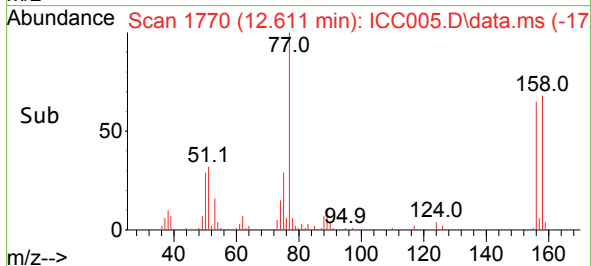
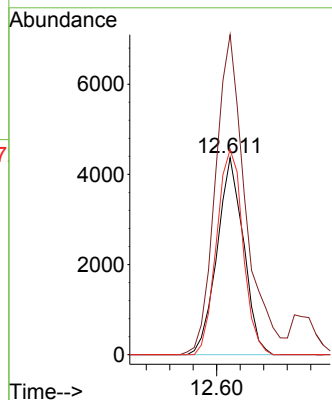
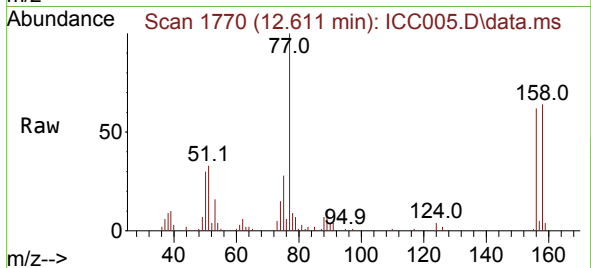
Tgt Ion:156 Resp: 6843

Ion Ratio Lower Upper

156 100

77 185.4 94.0 282.1

158 103.6 48.1 144.4



#78

n-propylbenzene

Concen: 4.320 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: ICC005.D

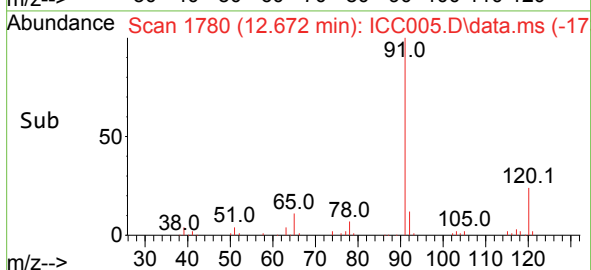
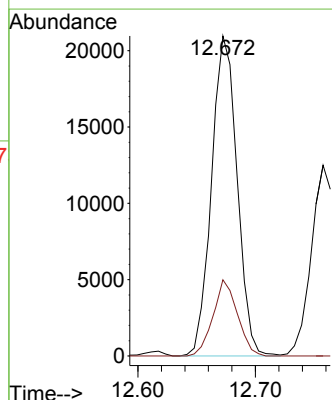
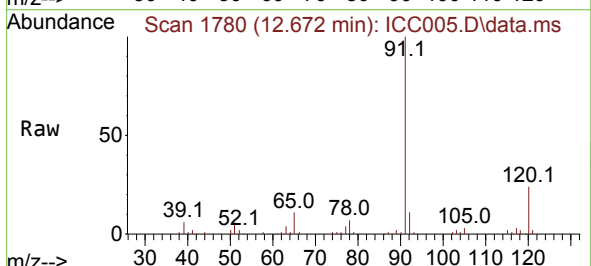
Acq: 30 Mar 2023 09:51

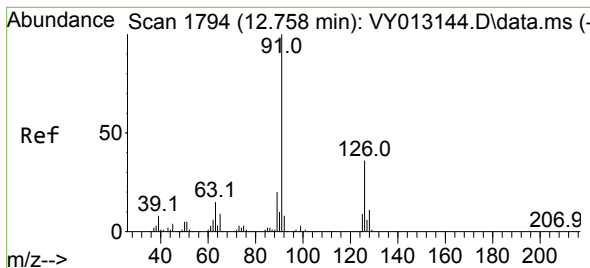
Tgt Ion: 91 Resp: 31756

Ion Ratio Lower Upper

91 100

120 22.6 11.6 34.8





#79

2-Chlorotoluene

Concen: 4.642 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

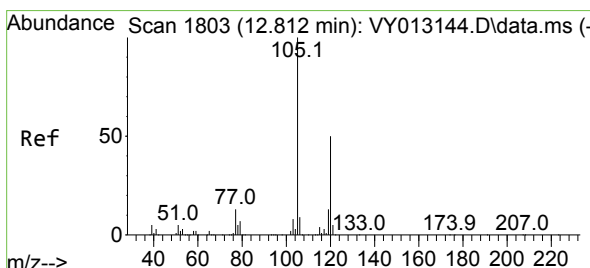
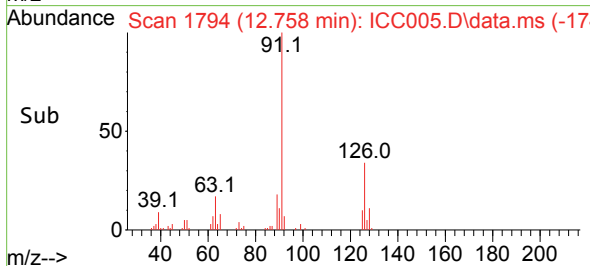
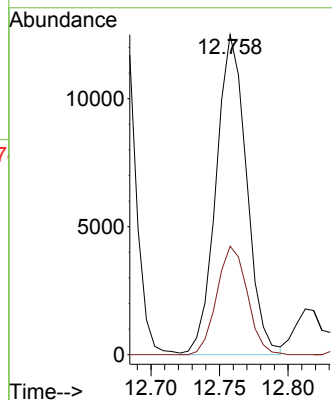
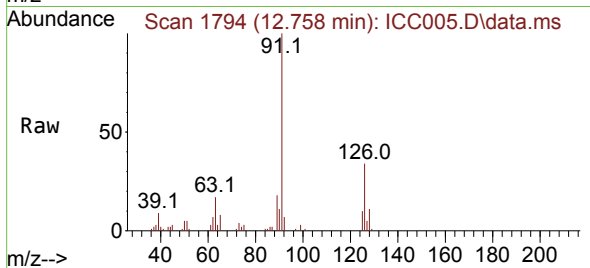
VSTDIC005

Tgt Ion: 91 Resp: 19364

Ion Ratio Lower Upper

91 100

126 33.8 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 4.258 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: ICC005.D

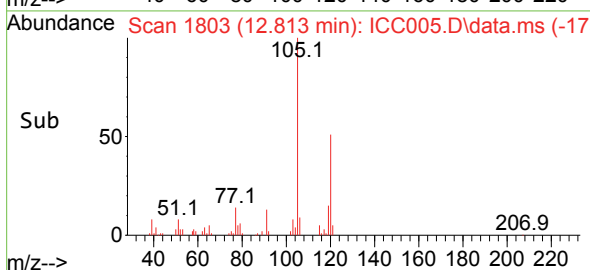
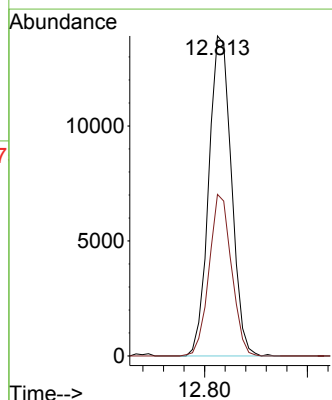
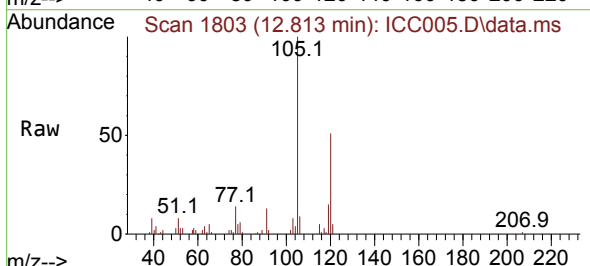
Acq: 30 Mar 2023 09:51

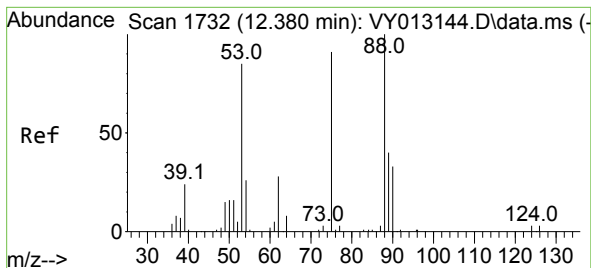
Tgt Ion:105 Resp: 21283

Ion Ratio Lower Upper

105 100

120 50.0 24.8 74.4

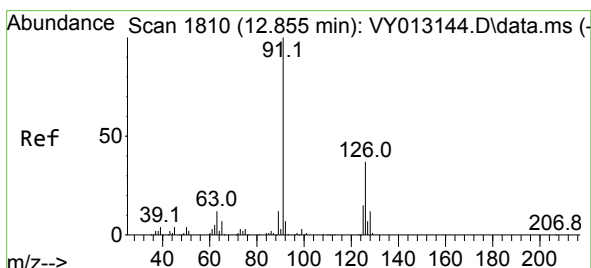
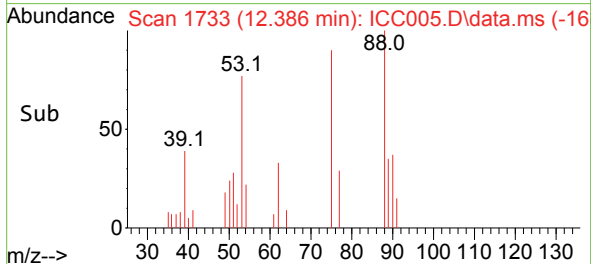
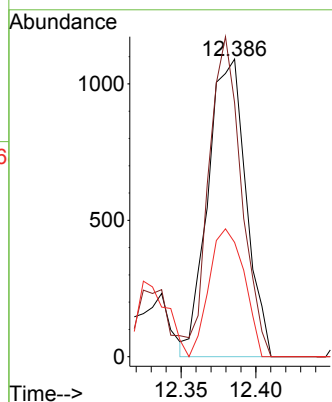
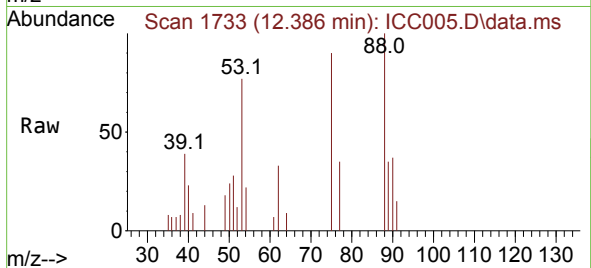




#81
trans-1,4-Dichloro-2-butene
Concen: 4.410 ug/l
RT: 12.386 min Scan# 1732
Delta R.T. 0.006 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

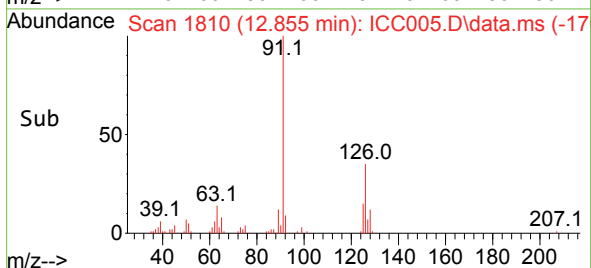
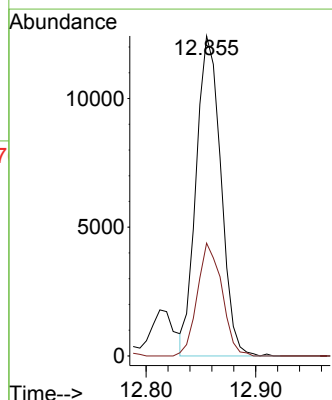
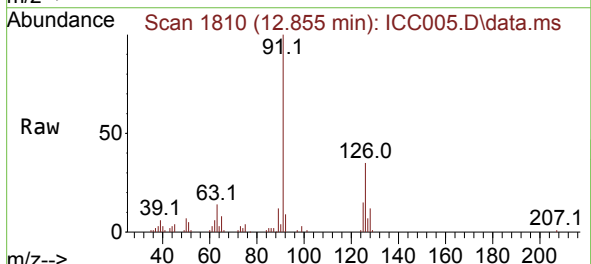
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

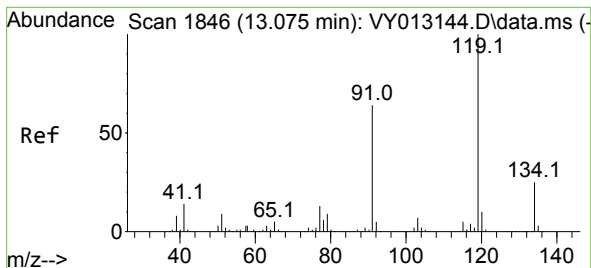
Tgt Ion: 75 Resp: 1924
Ion Ratio Lower Upper
75 100
53 90.7 73.4 110.0
89 39.7 36.6 55.0



#82
4-Chlorotoluene
Concen: 4.470 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

Tgt Ion: 91 Resp: 19407
Ion Ratio Lower Upper
91 100
126 35.1 17.7 53.1





#83

tert-Butylbenzene

Concen: 4.186 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

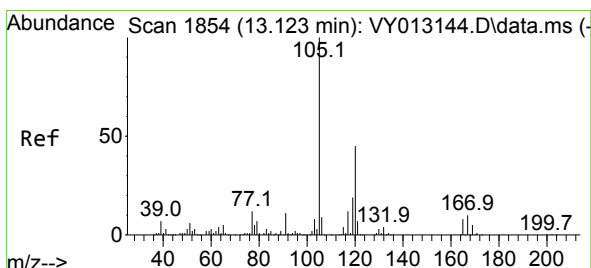
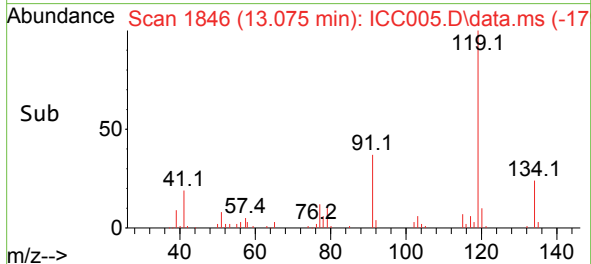
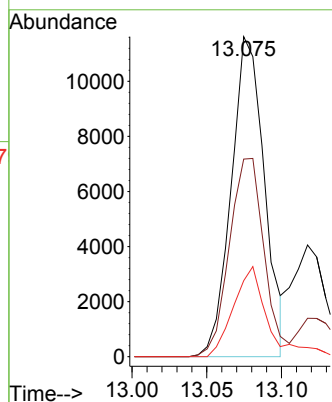
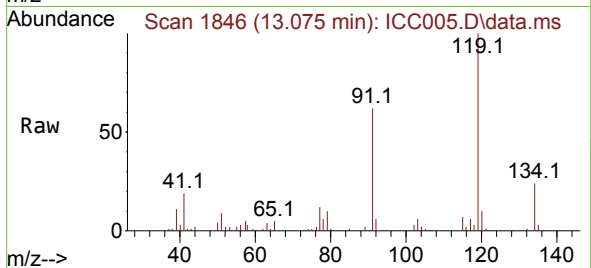
Tgt Ion:119 Resp: 17973

Ion Ratio Lower Upper

119 100

91 64.7 32.8 98.3

134 28.8 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 4.172 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: ICC005.D

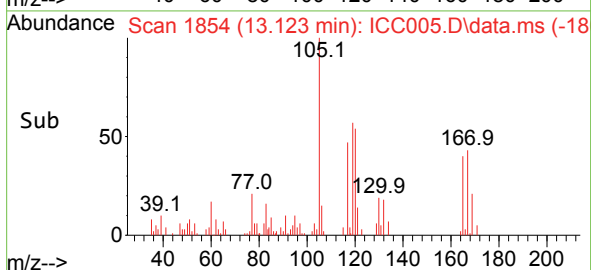
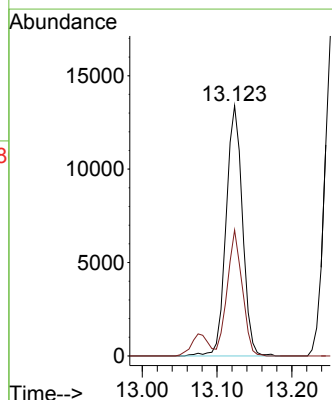
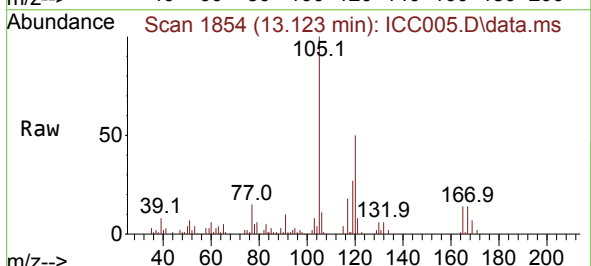
Acq: 30 Mar 2023 09:51

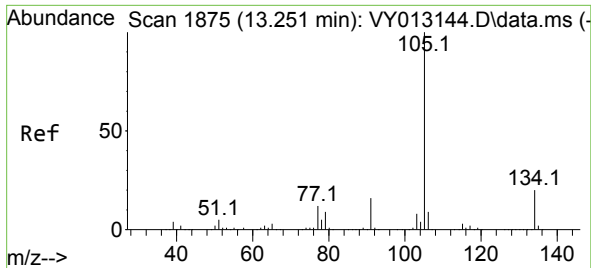
Tgt Ion:105 Resp: 20421

Ion Ratio Lower Upper

105 100

120 45.9 23.0 69.0

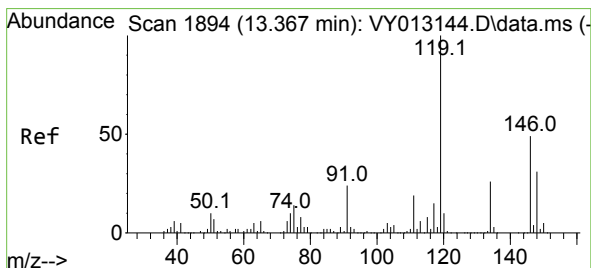
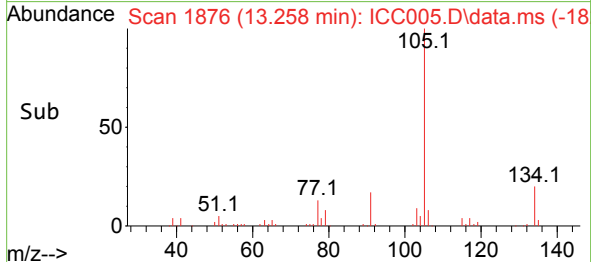
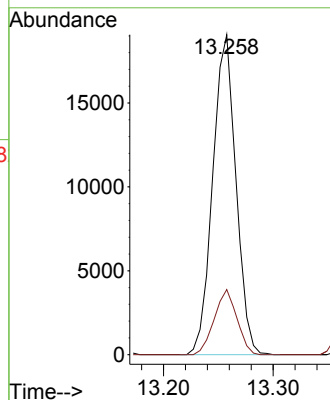
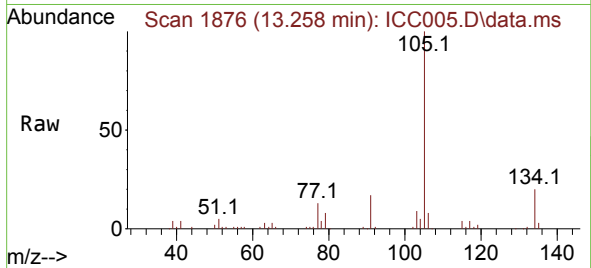




#85
 sec-Butylbenzene
 Concen: 4.326 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: ICC005.D
 Acq: 30 Mar 2023 09:51

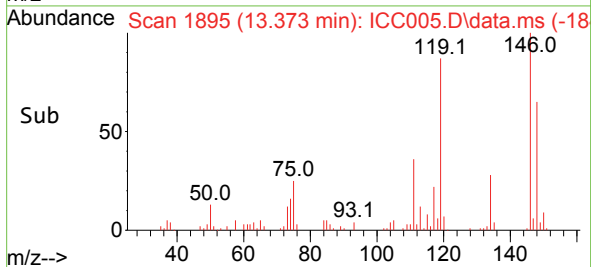
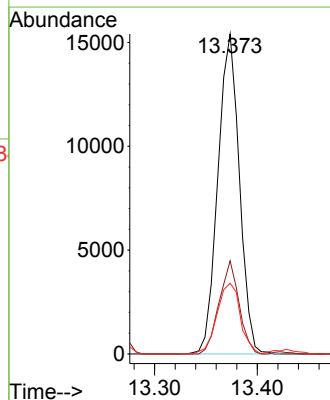
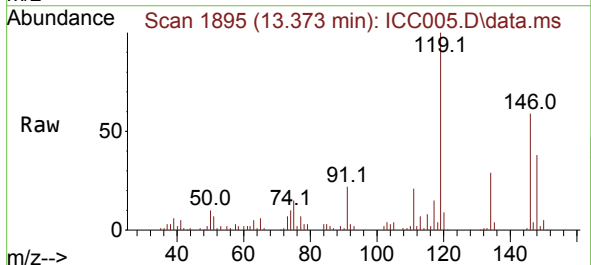
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

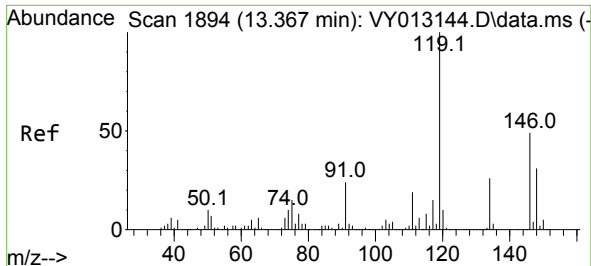
Tgt Ion:105 Resp: 28047
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 4.182 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: ICC005.D
 Acq: 30 Mar 2023 09:51

Tgt Ion:119 Resp: 22321
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.2 39.6
 91 24.0 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 4.951 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

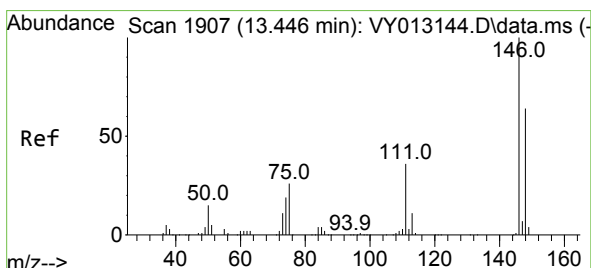
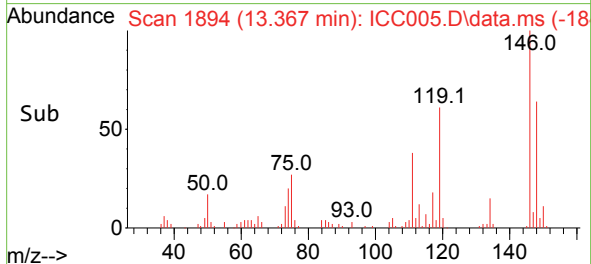
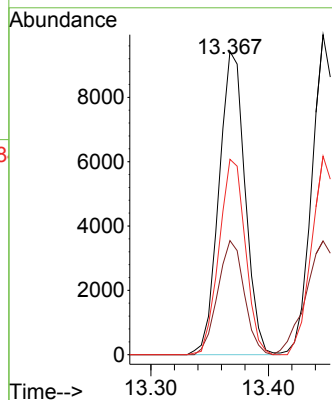
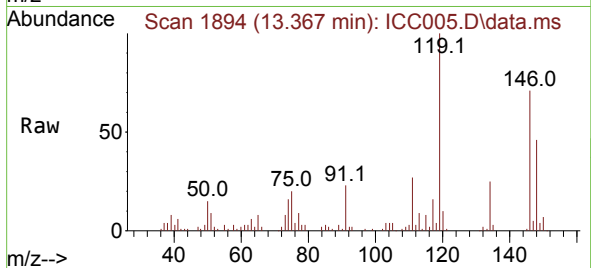
Tgt Ion:146 Resp: 14588

Ion Ratio Lower Upper

146 100

111 37.8 19.1 57.5

148 64.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 5.128 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

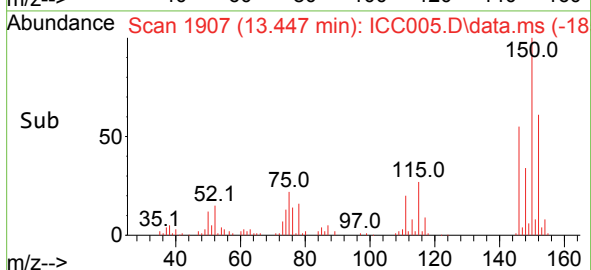
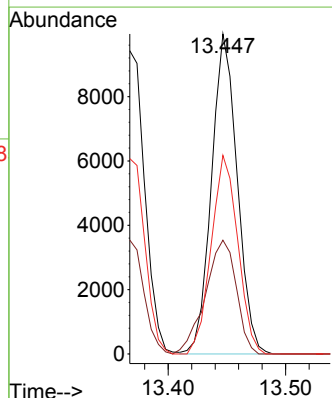
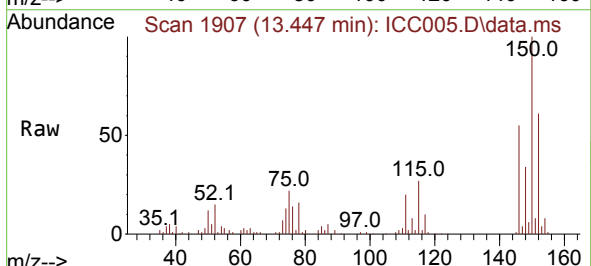
Tgt Ion:146 Resp: 15142

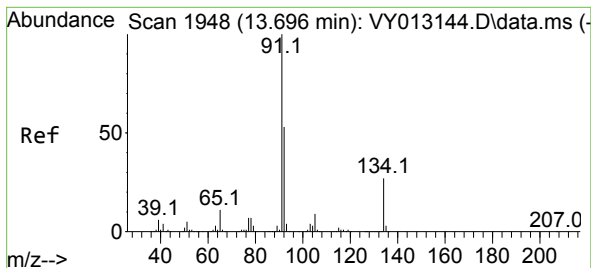
Ion Ratio Lower Upper

146 100

111 42.6 18.6 55.8

148 64.2 31.5 94.5





#89

n-Butylbenzene

Concen: 4.310 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

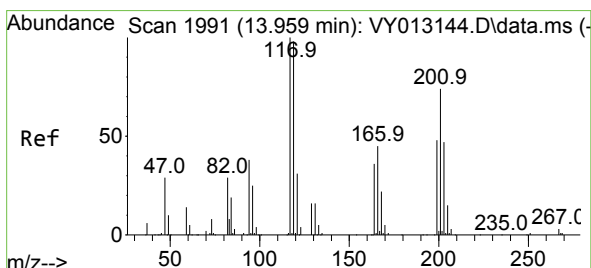
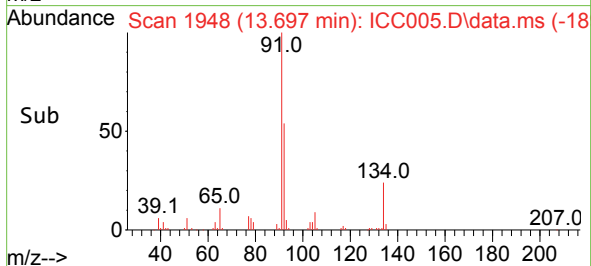
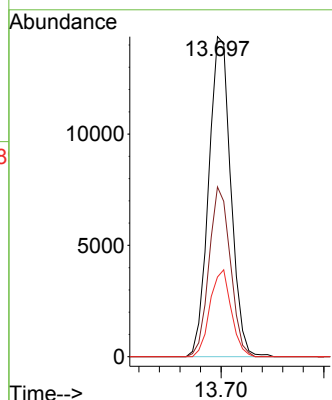
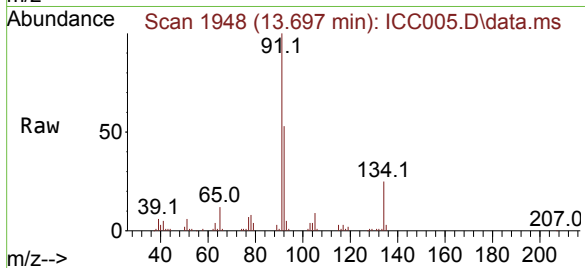
Tgt Ion: 91 Resp: 21505

Ion Ratio Lower Upper

91 100

92 51.3 26.4 79.0

134 26.1 13.0 38.9



#90

Hexachloroethane

Concen: 4.846 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: ICC005.D

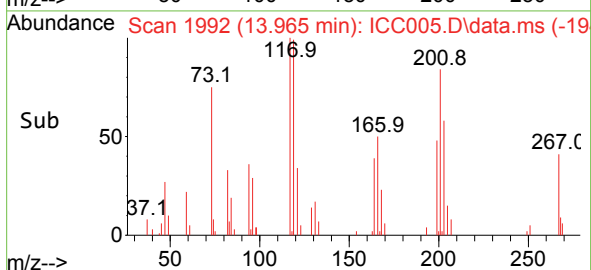
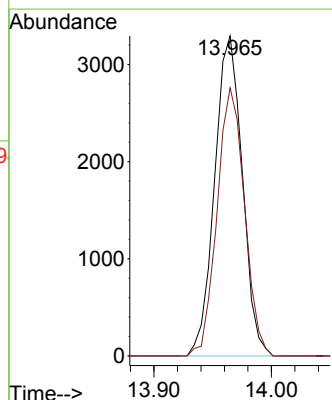
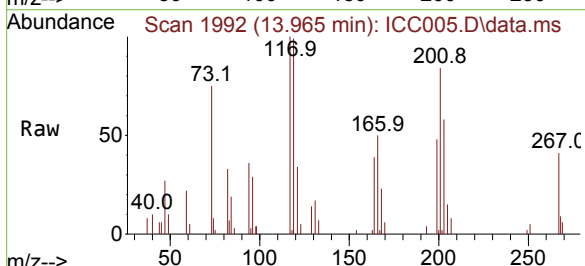
Acq: 30 Mar 2023 09:51

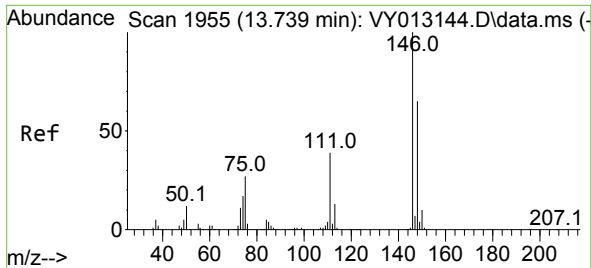
Tgt Ion: 117 Resp: 5388

Ion Ratio Lower Upper

117 100

201 82.8 39.4 118.1

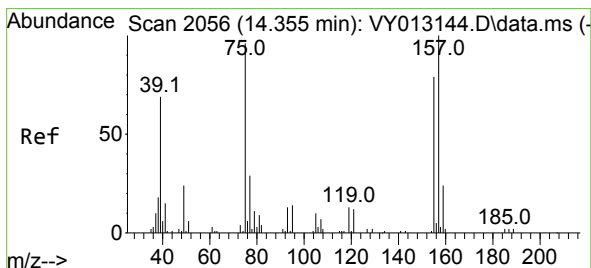
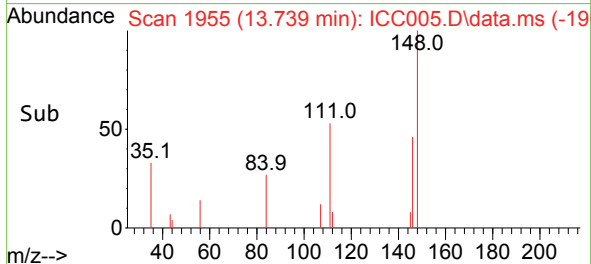
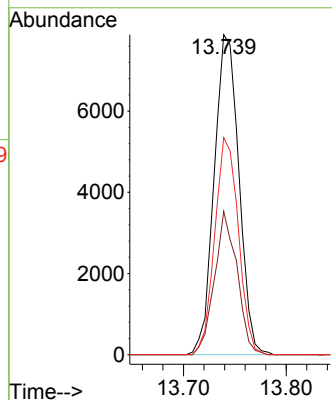
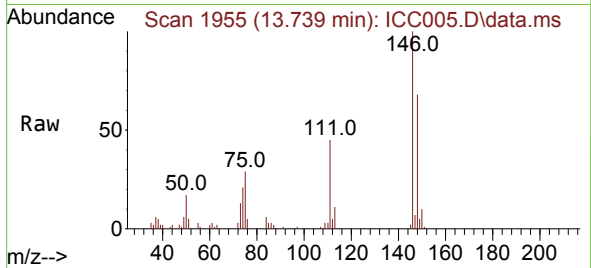




#91
1,2-Dichlorobenzene
Concen: 4.995 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

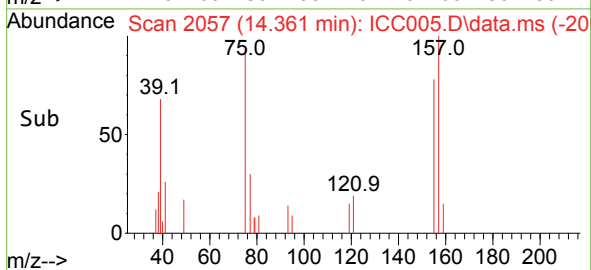
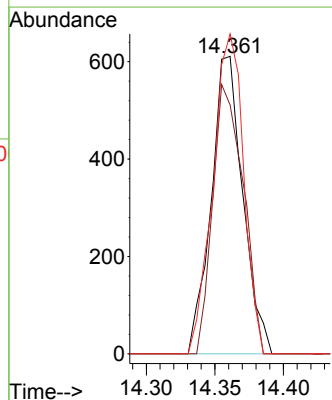
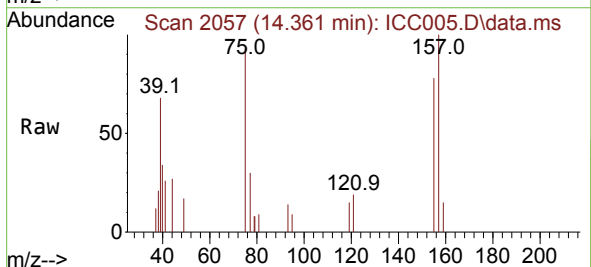
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

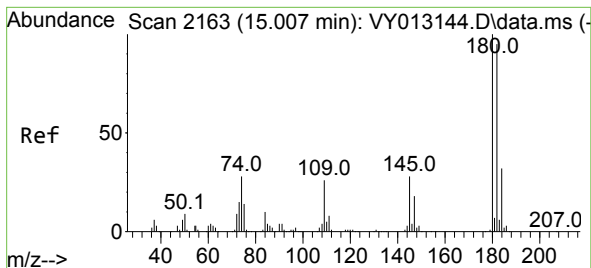
Tgt Ion:146 Resp: 13145
Ion Ratio Lower Upper
146 100
111 40.9 19.7 59.1
148 65.0 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.707 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: ICC005.D
Acq: 30 Mar 2023 09:51

Tgt Ion: 75 Resp: 981
Ion Ratio Lower Upper
75 100
155 87.4 43.8 131.4
157 103.8 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 4.320 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

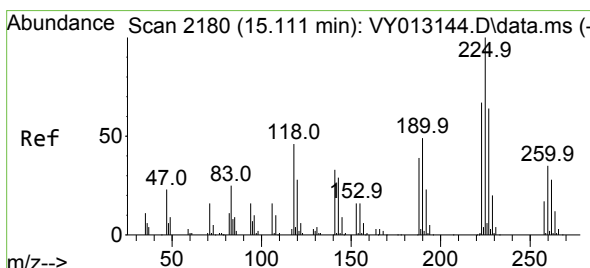
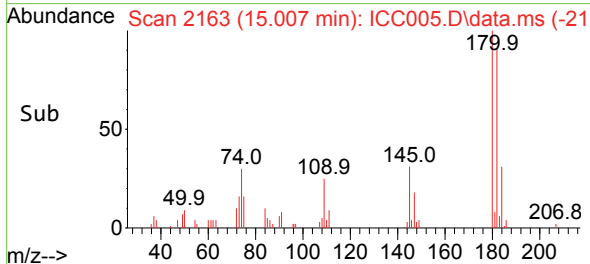
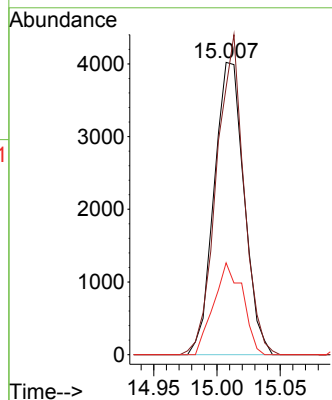
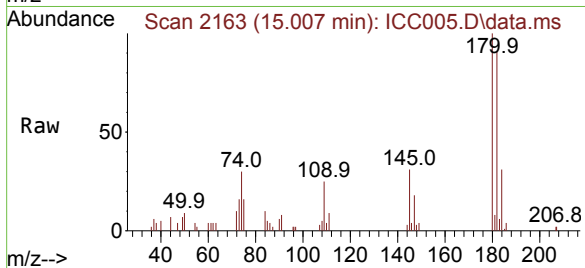
Tgt Ion:180 Resp: 6630

Ion Ratio Lower Upper

180 100

182 99.7 46.7 140.1

145 30.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 4.797 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

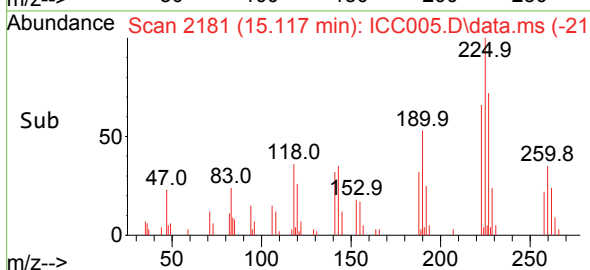
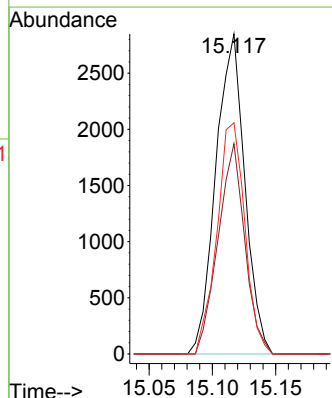
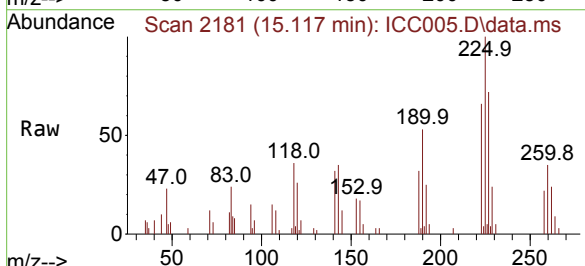
Tgt Ion:225 Resp: 4528

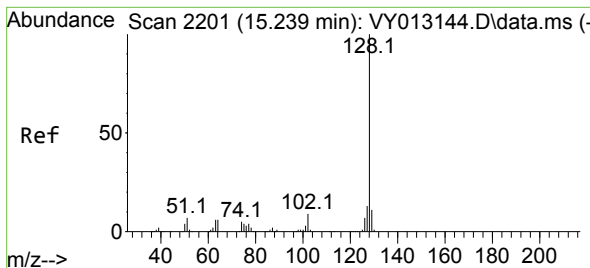
Ion Ratio Lower Upper

225 100

223 60.7 31.1 93.3

227 69.7 32.4 97.0





#95

Naphthalene

Concen: 6.370 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

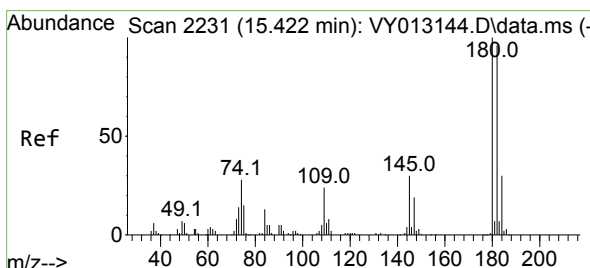
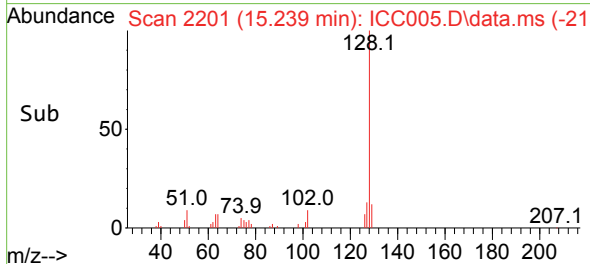
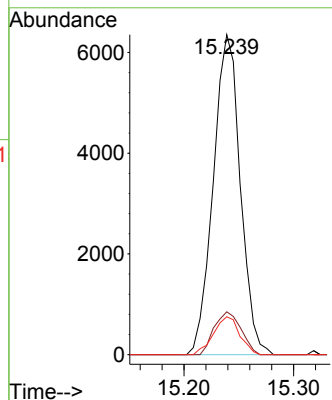
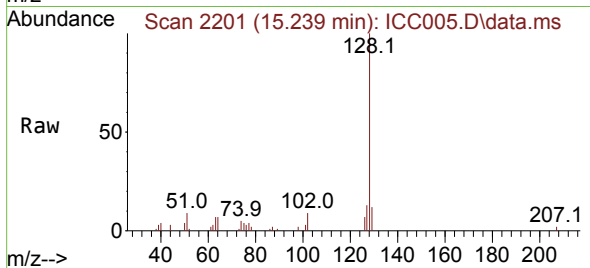
Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:128	Resp:	10903
Ion Ratio	Lower	Upper
128	100	
127	13.3	10.3 15.5
129	11.5	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.466 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: ICC005.D

Acq: 30 Mar 2023 09:51

Tgt Ion:180	Resp:	6038
Ion Ratio	Lower	Upper
180	100	
182	91.3	47.4 142.3
145	30.1	15.3 45.8

