

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
 Data File : VY012600.D
 Acq On : 14 Feb 2023 20:05
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 15 01:35:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	122666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	180751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	175420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	99531	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83617	53.606	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.220%	
35) Dibromofluoromethane	7.716	113	72277	54.908	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.820%	
50) Toluene-d8	10.179	98	293907	53.643	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.280%	
62) 4-Bromofluorobenzene	12.477	95	103569	54.194	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.380%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	36458	41.462	ug/l	96
3) Chloromethane	2.113	50	39056	40.864	ug/l	99
4) Vinyl Chloride	2.253	62	50402	42.329	ug/l	98
5) Bromomethane	2.650	94	43148	49.618	ug/l	98
6) Chloroethane	2.790	64	38257	46.159	ug/l	99
7) Trichlorofluoromethane	3.125	101	111912	45.726	ug/l	94
8) Diethyl Ether	3.528	74	35463	48.866	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	57158	46.248	ug/l	99
10) Methyl Iodide	4.088	142	75496	47.120	ug/l	100
11) Tert butyl alcohol	4.954	59	34036	225.090	ug/l	97
12) 1,1-Dichloroethene	3.869	96	54965	45.010	ug/l	98
13) Acrolein	3.729	56	47543	259.266	ug/l	100
14) Allyl chloride	4.479	41	66918	44.944	ug/l	98
15) Acrylonitrile	5.161	53	89930	268.596	ug/l	99
16) Acetone	3.942	43	79025	210.491	ug/l	99
17) Carbon Disulfide	4.192	76	125622	39.661	ug/l	99
18) Methyl Acetate	4.472	43	45250	50.145	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	190361	53.272	ug/l	99
20) Methylene Chloride	4.716	84	71524	51.088	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	63060	47.349	ug/l	97
22) Diisopropyl ether	6.119	45	154046	50.882	ug/l	97
23) Vinyl Acetate	6.058	43	477201	261.462	ug/l	96
24) 1,1-Dichloroethane	6.015	63	104430	48.251	ug/l	99
25) 2-Butanone	6.984	43	98945	237.538	ug/l	96
26) 2,2-Dichloropropane	6.984	77	110700	46.553	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	77821	50.352	ug/l	98
28) Bromochloromethane	7.332	49	44613	56.707	ug/l	99
29) Tetrahydrofuran	7.344	42	60207	267.359	ug/l	96
30) Chloroform	7.502	83	133261	51.070	ug/l	99
31) Cyclohexane	7.783	56	75672	41.959	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	127207	50.237	ug/l	99
36) 1,1-Dichloropropene	7.917	75	83587	46.918	ug/l	99
37) Ethyl Acetate	7.070	43	42031	52.285	ug/l	98
38) Carbon Tetrachloride	7.899	117	118230	49.438	ug/l	96
39) Methylcyclohexane	9.179	83	97499	45.481	ug/l	99
40) Benzene	8.155	78	259244	49.268	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	60973	138.445	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	91027	53.373	ug/l	100
43) Isopropyl Acetate	8.271	43	80859	54.251	ug/l	100
44) Trichloroethene	8.941	130	80701	50.382	ug/l	99
45) 1,2-Dichloropropane	9.216	63	57474	50.373	ug/l	99
46) Dibromomethane	9.301	93	40708	53.883	ug/l	99
47) Bromodichloromethane	9.496	83	103654	52.915	ug/l	97
48) Methyl methacrylate	9.289	41	36370	53.385	ug/l	94
49) 1,4-Dioxane	9.295	88	12144	1164.430	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	229228	285.055	ug/l	100
52) Toluene	10.240	92	181527	50.872	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	104642	53.013	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	110470	51.717	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	60357	54.676	ug/l	97
56) Ethyl methacrylate	10.508	69	77886	56.158	ug/l	97
57) 1,3-Dichloropropane	10.788	76	95106	53.382	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	172785	277.172	ug/l	97
59) 2-Hexanone	10.831	43	165310	272.021	ug/l	99
60) Dibromochloromethane	10.984	129	81860	55.630	ug/l	99
61) 1,2-Dibromoethane	11.087	107	56546	54.669	ug/l	98
64) Tetrachloroethene	10.721	164	95009	51.878	ug/l	96
65) Chlorobenzene	11.514	112	205282	49.339	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	84291	51.698	ug/l	99
67) Ethyl Benzene	11.593	91	357306	48.917	ug/l	99
68) m/p-Xylenes	11.703	106	286485	98.259	ug/l	98
69) o-Xylene	12.026	106	138122	49.744	ug/l	99
70) Styrene	12.044	104	242271	51.448	ug/l	99
71) Bromoform	12.209	173	56842	55.156	ug/l #	99
73) Isopropylbenzene	12.331	105	373292	46.356	ug/l	99
74) N-amyl acetate	12.142	43	71795	49.252	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	64124	49.247	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	95045	85.472	ug/l #	100
77) Bromobenzene	12.605	156	93532	47.922	ug/l	98
78) n-propylbenzene	12.672	91	421210	45.445	ug/l	100
79) 2-Chlorotoluene	12.758	91	245104	46.584	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	325516	46.958	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	24381	49.443	ug/l	99
82) 4-Chlorotoluene	12.855	91	256734	46.515	ug/l	100
83) tert-Butylbenzene	13.075	119	286881	47.193	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	324006	47.502	ug/l	99
85) sec-Butylbenzene	13.251	105	405613	46.641	ug/l	99
86) p-Isopropyltoluene	13.367	119	355219	47.084	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	184891	47.610	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	182633	46.950	ug/l	99
89) n-Butylbenzene	13.696	91	297575	46.151	ug/l	100
90) Hexachloroethane	13.959	117	64510	46.585	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	171447	49.076	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13422	51.799	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	108135	49.955	ug/l	98
94) Hexachlorobutadiene	15.111	225	63398	47.146	ug/l	100
95) Naphthalene	15.233	128	229002	55.110	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	95822	51.140	ug/l	100

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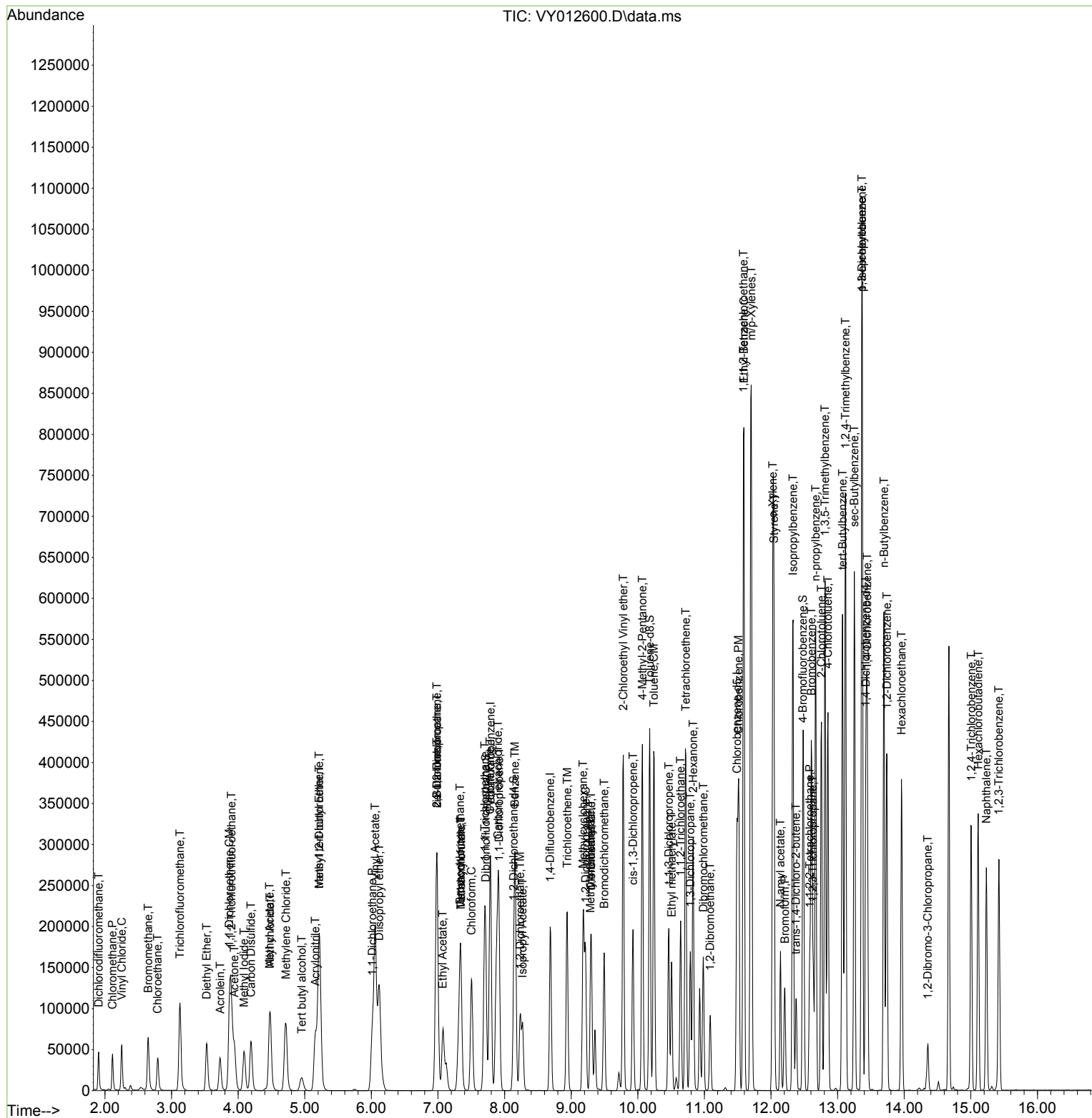
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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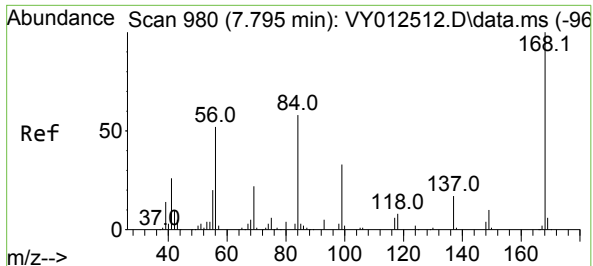
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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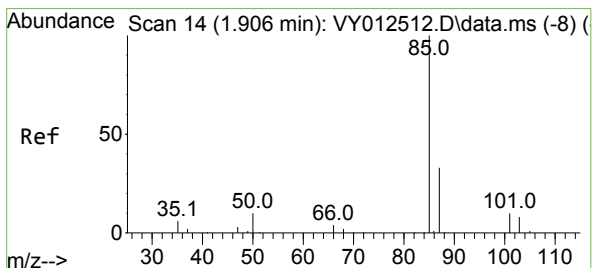
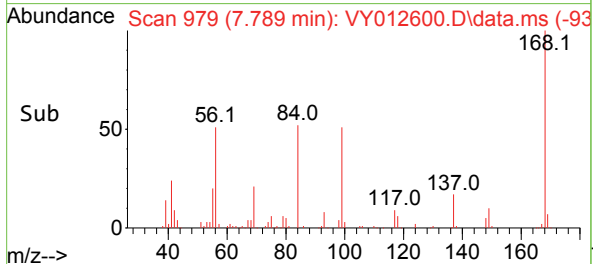
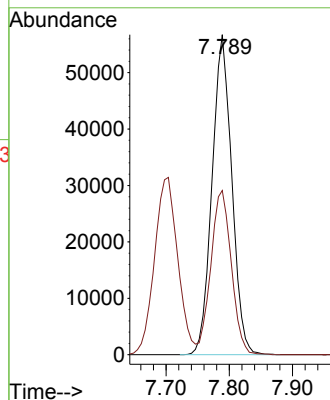
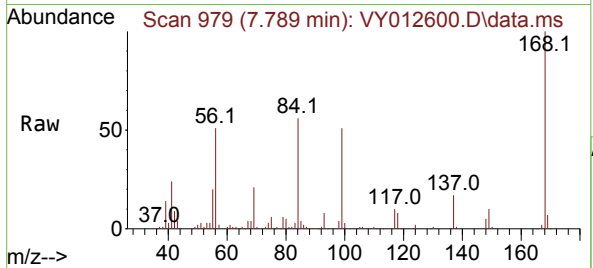




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012600.D
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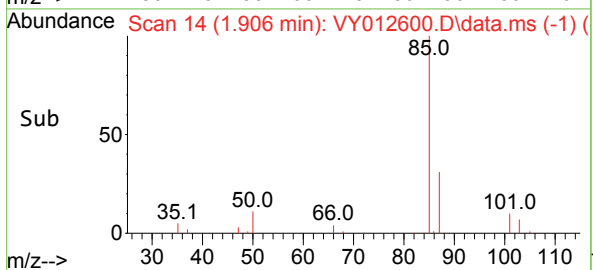
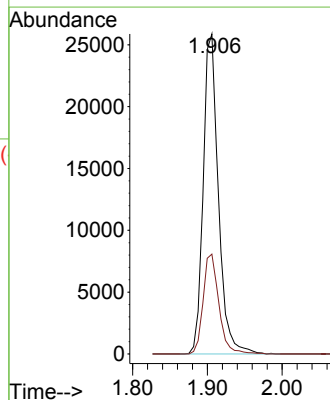
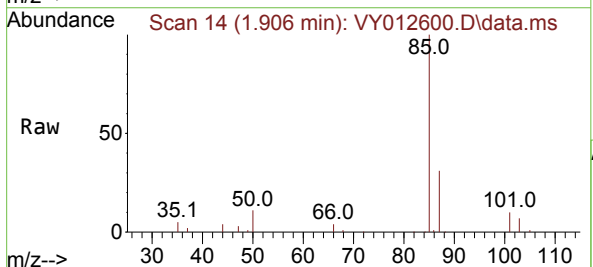
Instrument :
MSVOA_Y
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VSTDCCC050EC

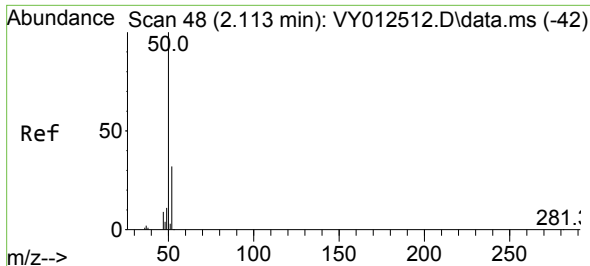
Tgt Ion:168 Resp: 122666
Ion Ratio Lower Upper
168 100
99 51.3 40.8 61.2



#2
Dichlorodifluoromethane
Concen: 41.462 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

Tgt Ion: 85 Resp: 36458
Ion Ratio Lower Upper
85 100
87 31.2 16.6 49.8

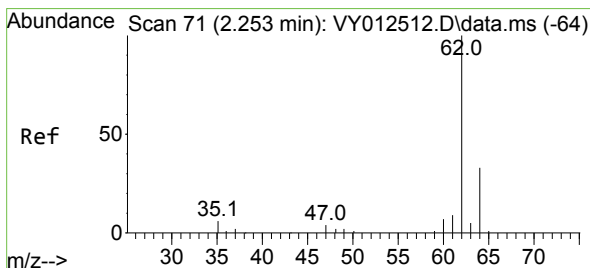
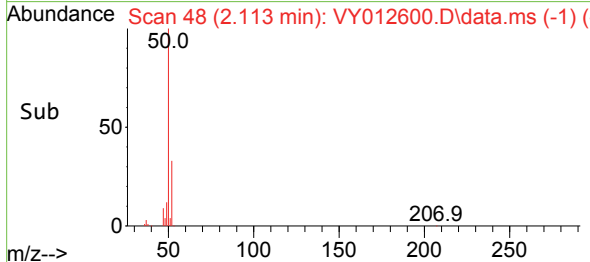
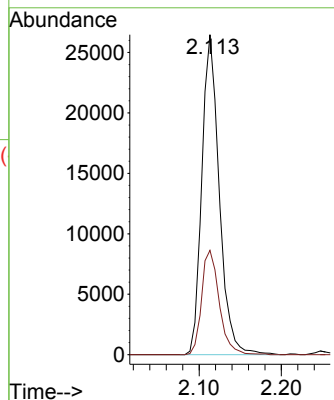
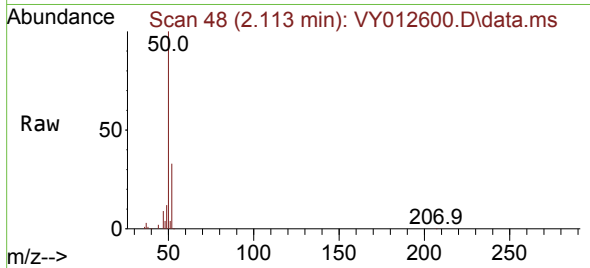




#3
Chloromethane
Concen: 40.864 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

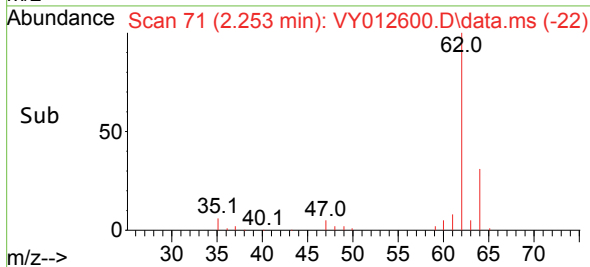
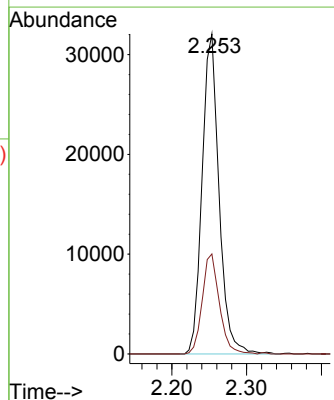
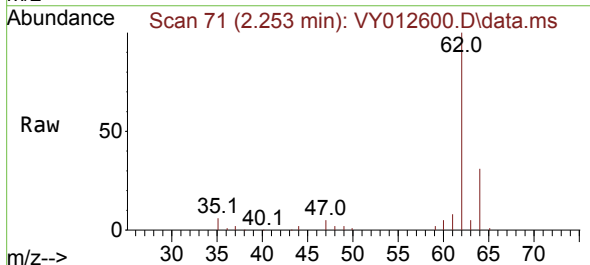
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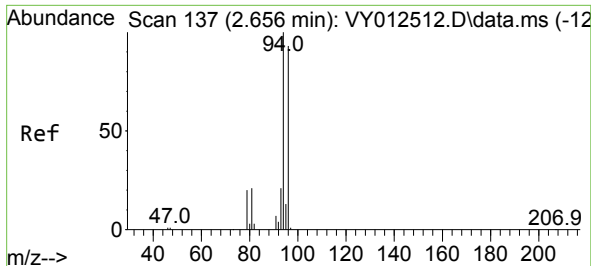
Tgt Ion: 50 Resp: 39056
Ion Ratio Lower Upper
50 100
52 32.6 25.8 38.6



#4
Vinyl Chloride
Concen: 42.329 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

Tgt Ion: 62 Resp: 50402
Ion Ratio Lower Upper
62 100
64 31.3 26.1 39.1

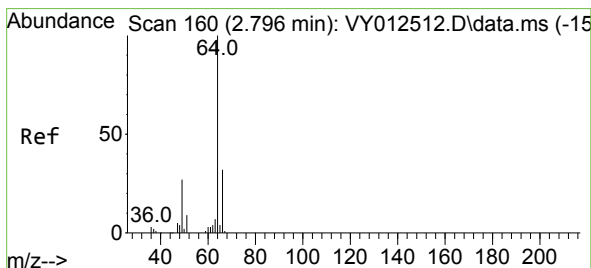
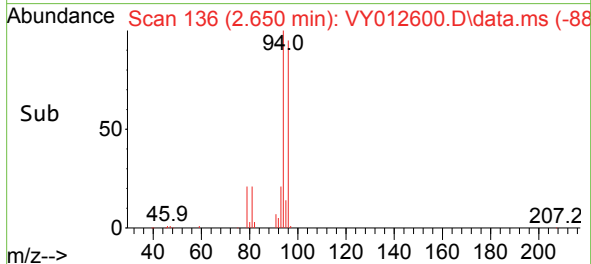
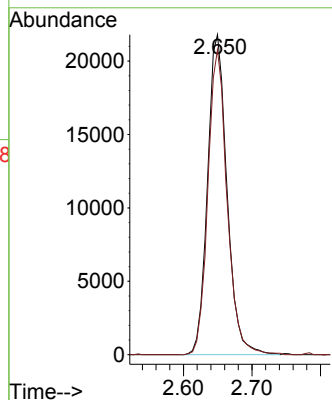
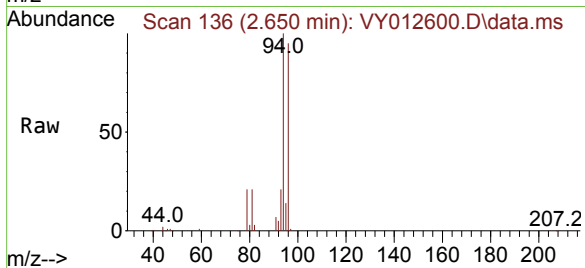




#5
Bromomethane
Concen: 49.618 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012600.D
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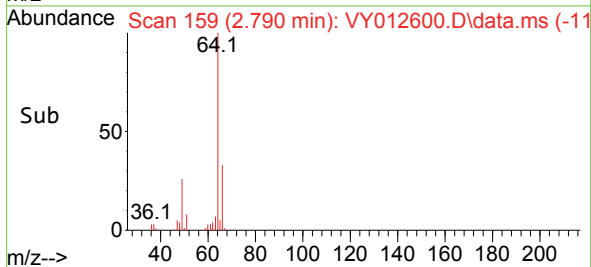
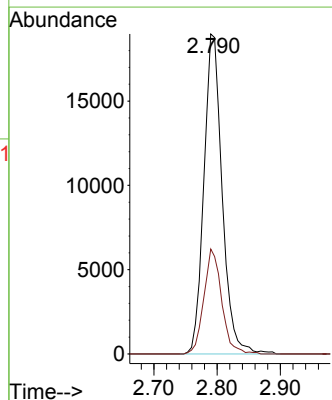
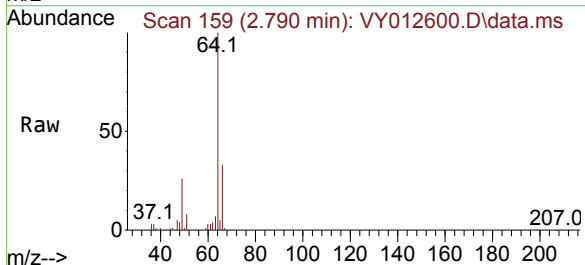
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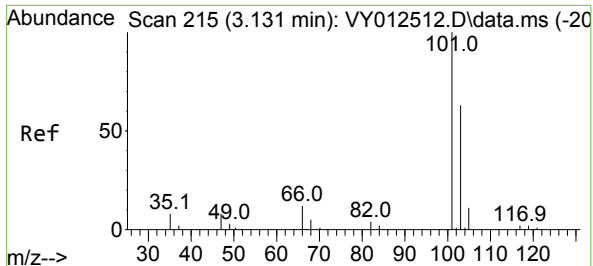
Tgt Ion: 94 Resp: 43148
Ion Ratio Lower Upper
94 100
96 95.3 74.7 112.1



#6
Chloroethane
Concen: 46.159 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

Tgt Ion: 64 Resp: 38257
Ion Ratio Lower Upper
64 100
66 32.8 25.7 38.5

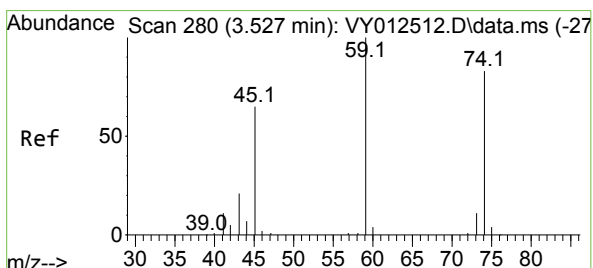
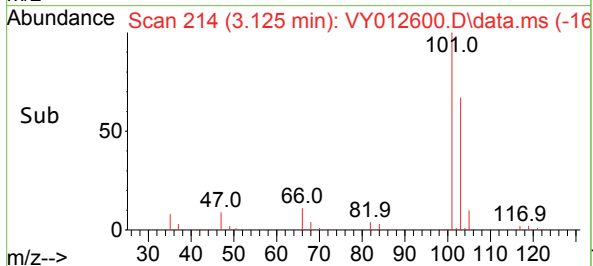
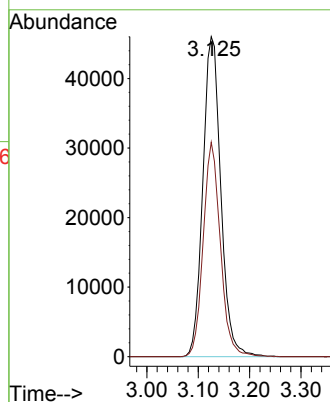
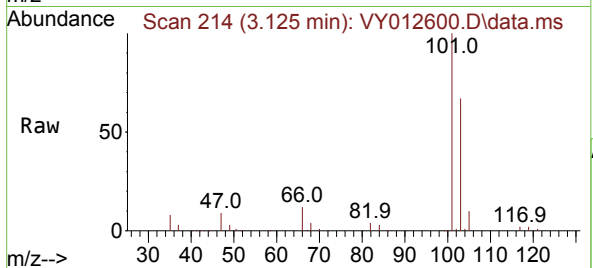




#7
 Trichlorofluoromethane
 Concen: 45.726 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY012600.D
 Acq: 14 Feb 2023 20:05

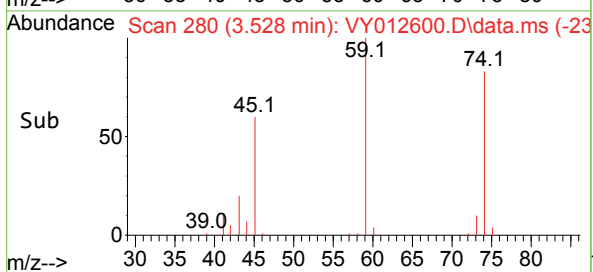
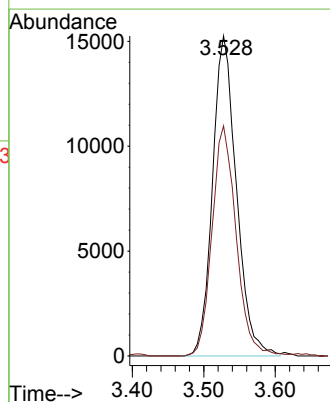
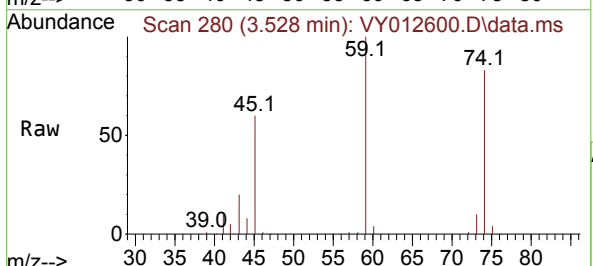
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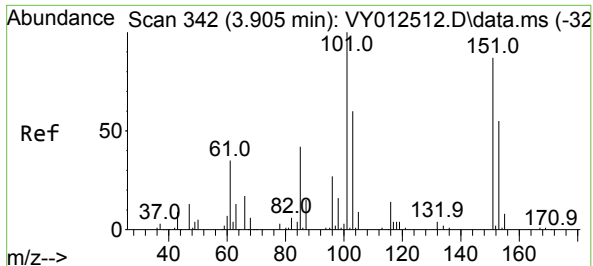
Tgt Ion:101 Resp: 111912
 Ion Ratio Lower Upper
 101 100
 103 67.0 50.1 75.1



#8
 Diethyl Ether
 Concen: 48.866 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.001 min
 Lab File: VY012600.D
 Acq: 14 Feb 2023 20:05

Tgt Ion: 74 Resp: 35463
 Ion Ratio Lower Upper
 74 100
 45 72.4 37.8 113.4

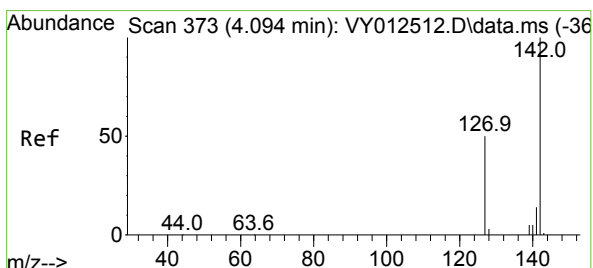
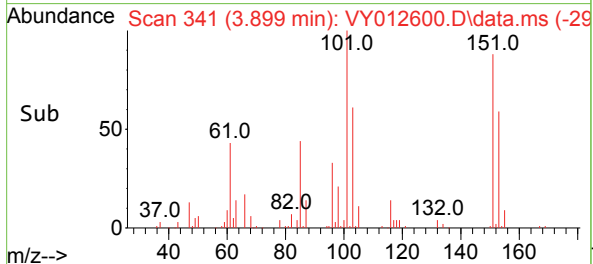
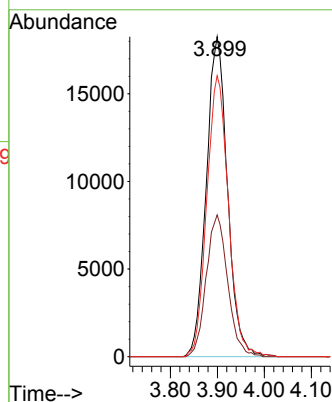
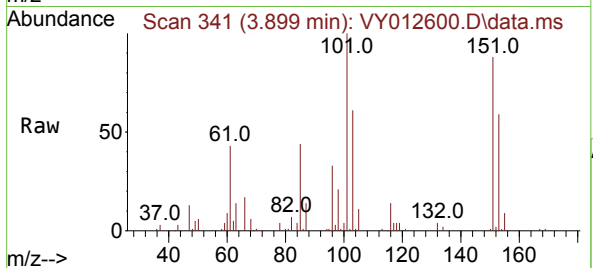




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.248 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

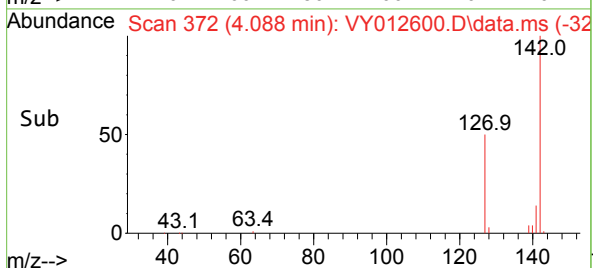
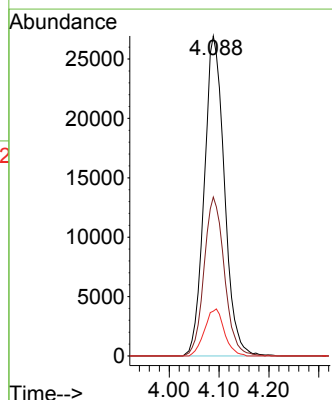
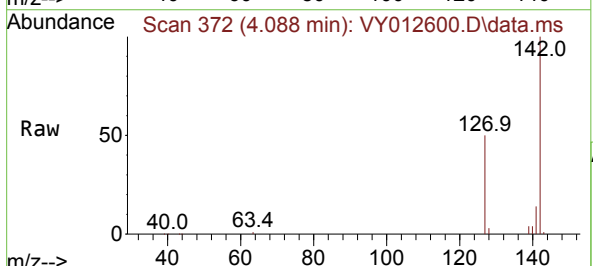
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

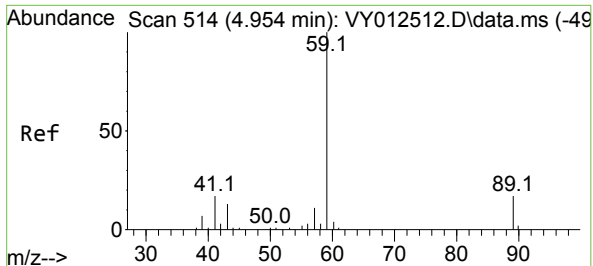
Tgt Ion:101 Resp: 57158
Ion Ratio Lower Upper
101 100
85 44.8 36.1 54.1
151 89.6 70.7 106.1



#10
Methyl Iodide
Concen: 47.120 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

Tgt Ion:142 Resp: 75496
Ion Ratio Lower Upper
142 100
127 50.1 39.8 59.6
141 14.5 11.6 17.4

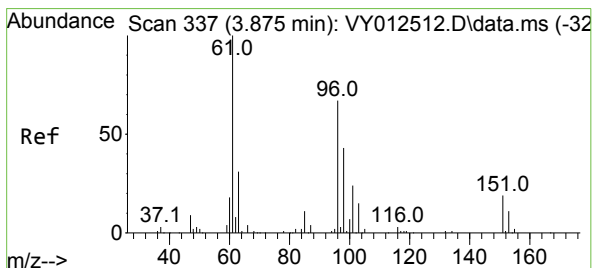
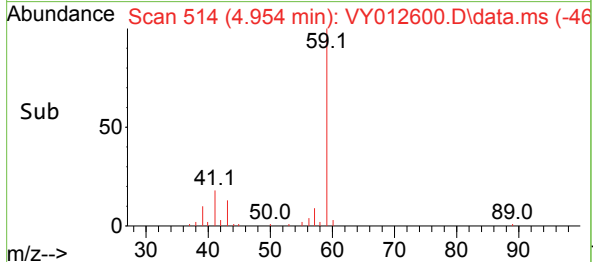
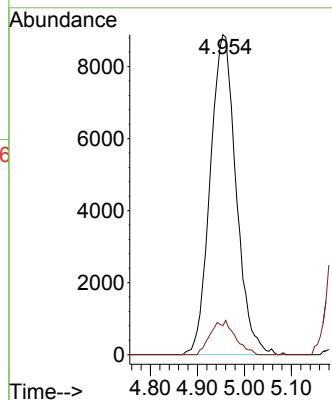
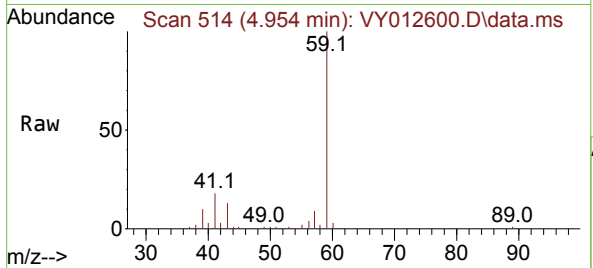




#11
Tert butyl alcohol
Concen: 225.090 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

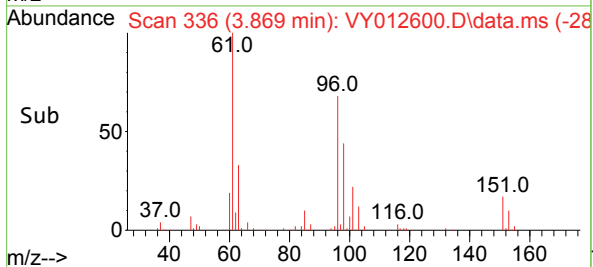
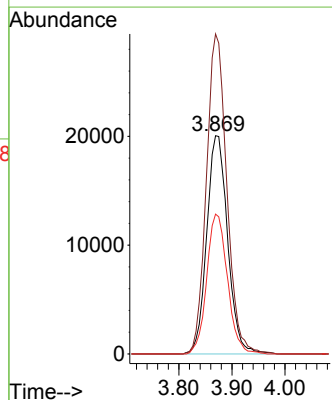
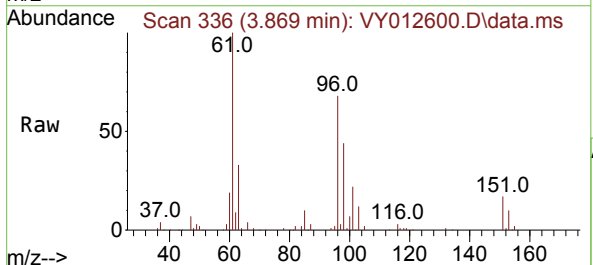
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

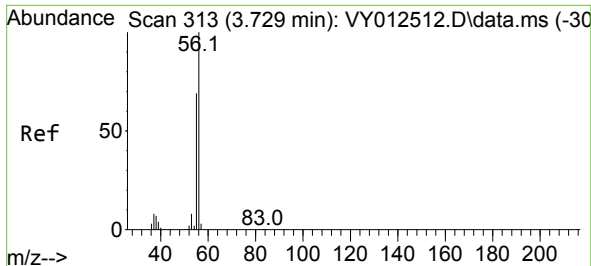
Tgt Ion: 59 Resp: 34036
Ion Ratio Lower Upper
59 100
57 10.1 7.2 10.8



#12
1,1-Dichloroethene
Concen: 45.010 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

Tgt Ion: 96 Resp: 54965
Ion Ratio Lower Upper
96 100
61 146.6 119.4 179.2
98 64.1 51.9 77.9





#13

Acrolein

Concen: 259.266 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

Instrument :

MSVOA_Y

ClientSampleId :

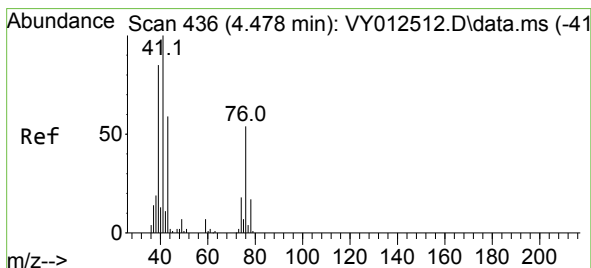
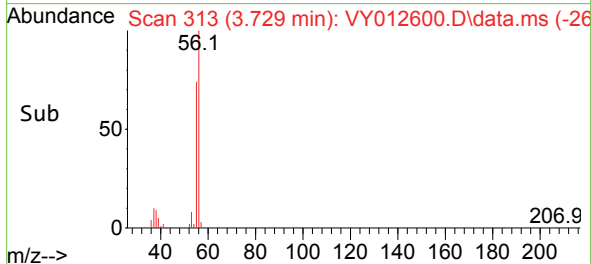
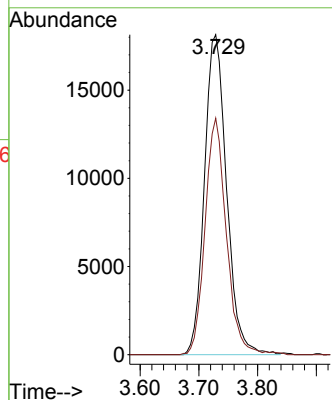
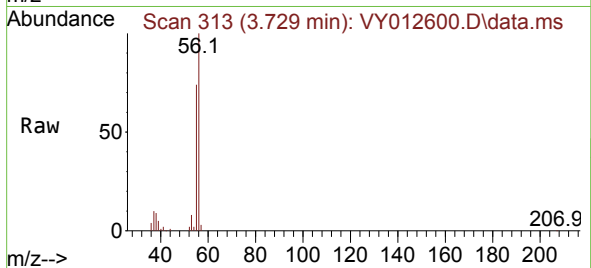
VSTDCCC050EC

Tgt Ion: 56 Resp: 47543

Ion Ratio Lower Upper

56 100

55 71.3 57.0 85.4



#14

Allyl chloride

Concen: 44.944 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

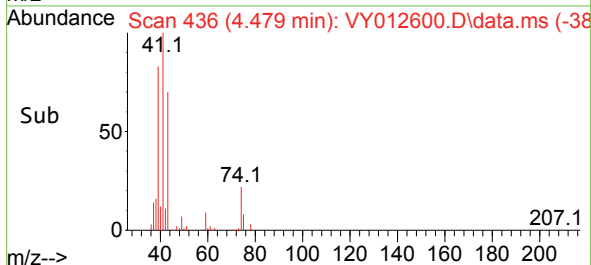
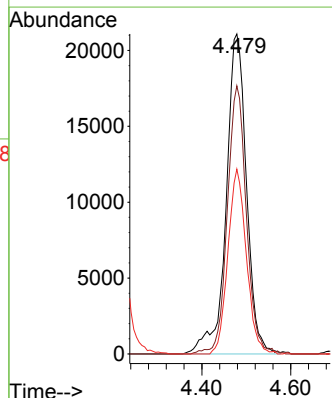
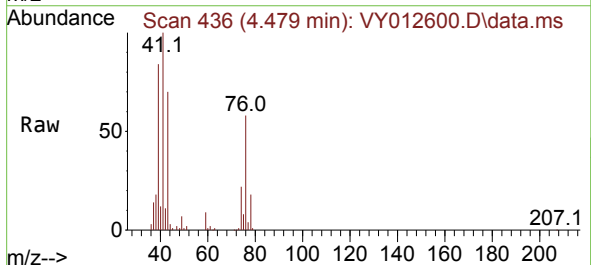
Tgt Ion: 41 Resp: 66918

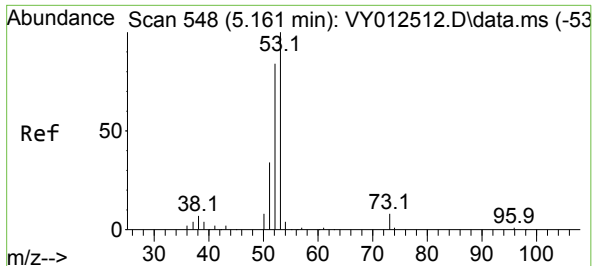
Ion Ratio Lower Upper

41 100

39 78.4 62.6 94.0

76 52.4 39.6 59.4





#15

Acrylonitrile

Concen: 268.596 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

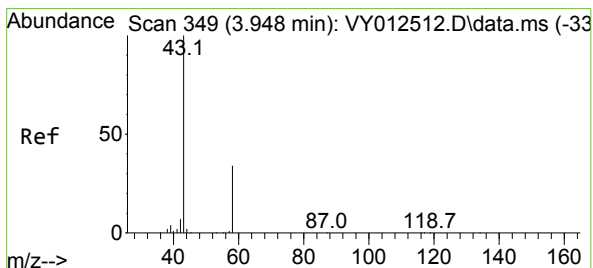
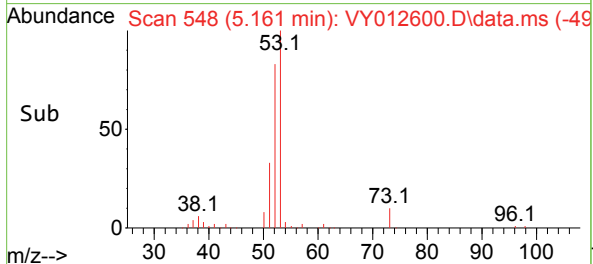
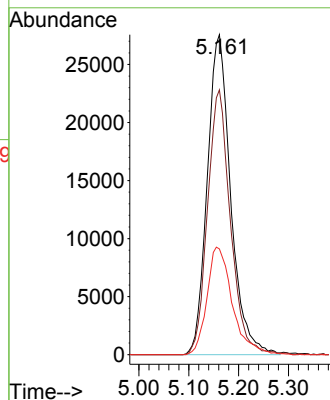
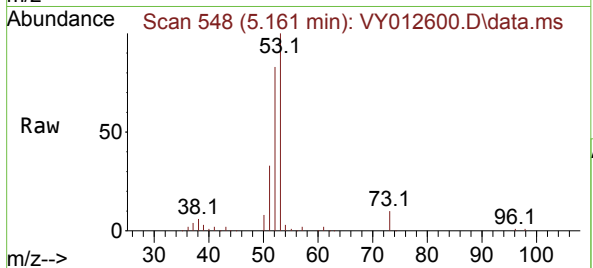
Tgt Ion: 53 Resp: 89930

Ion Ratio Lower Upper

53 100

52 80.9 65.0 97.4

51 36.5 28.7 43.1



#16

Acetone

Concen: 210.491 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY012600.D

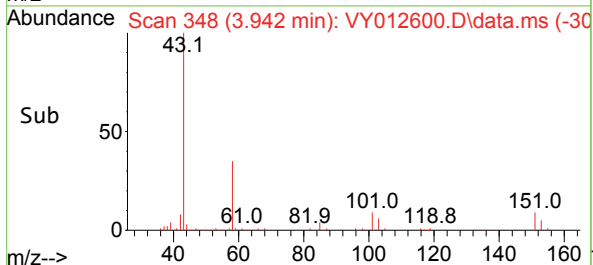
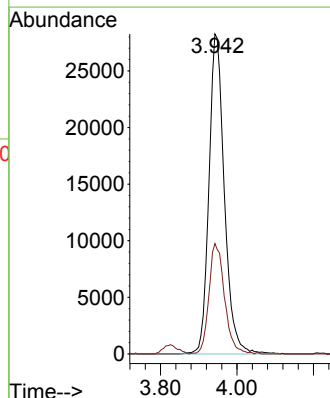
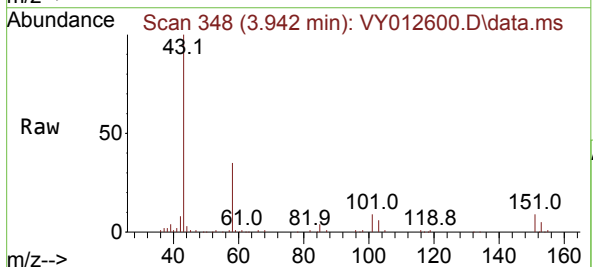
Acq: 14 Feb 2023 20:05

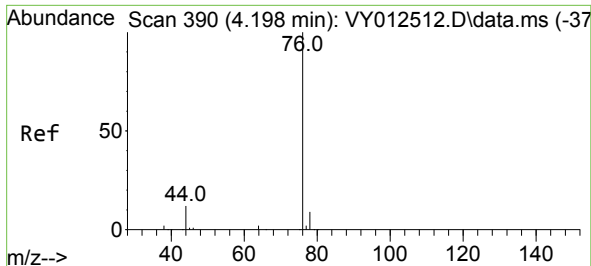
Tgt Ion: 43 Resp: 79025

Ion Ratio Lower Upper

43 100

58 34.5 27.1 40.7

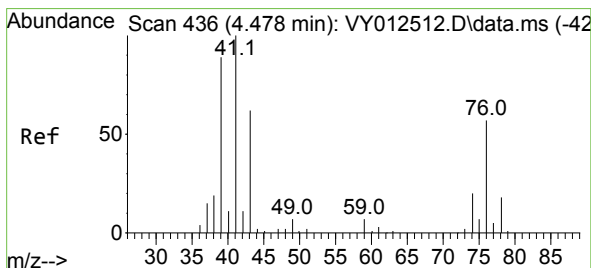
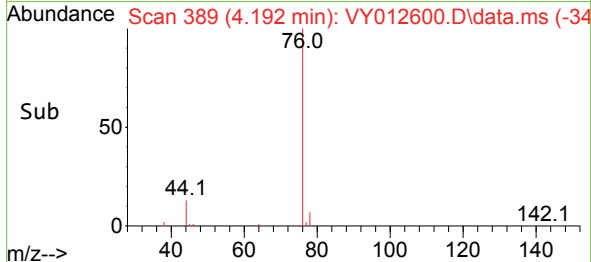
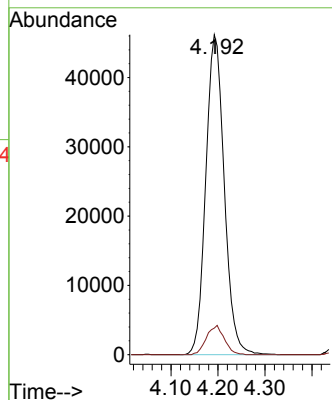
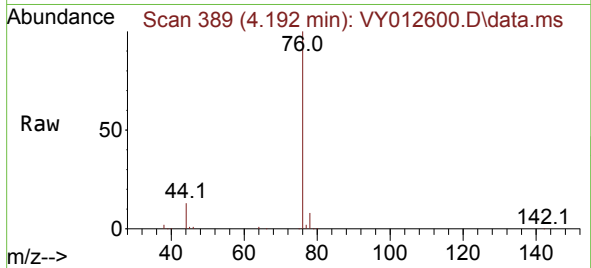




#17
Carbon Disulfide
Concen: 39.661 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

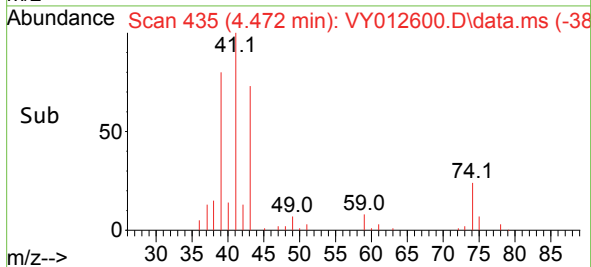
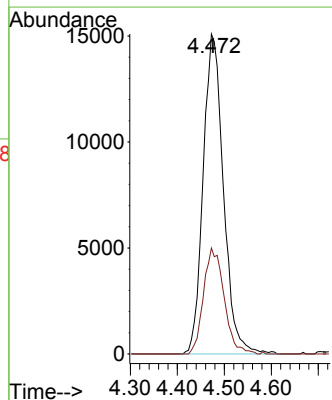
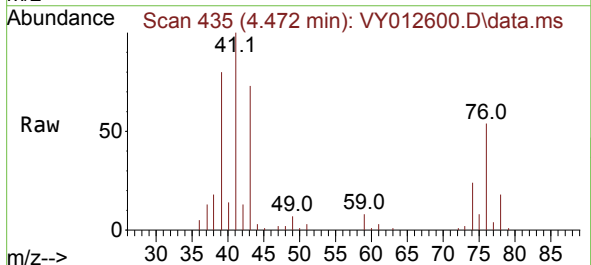
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

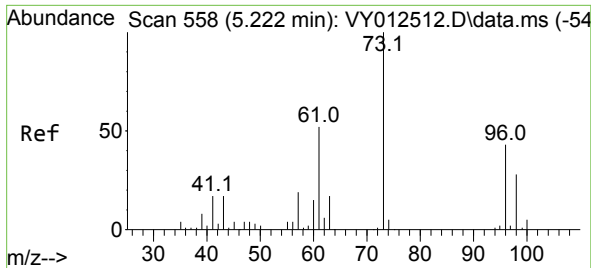
Tgt Ion: 76 Resp: 125622
Ion Ratio Lower Upper
76 100
78 8.3 6.9 10.3



#18
Methyl Acetate
Concen: 50.145 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

Tgt Ion: 43 Resp: 45250
Ion Ratio Lower Upper
43 100
74 33.5 25.6 38.4

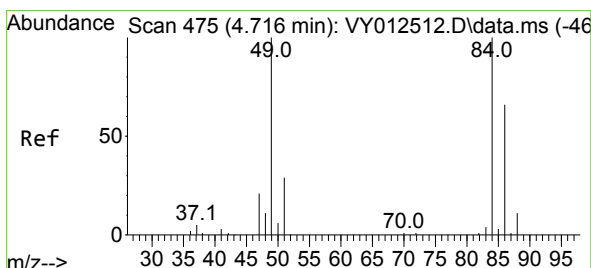
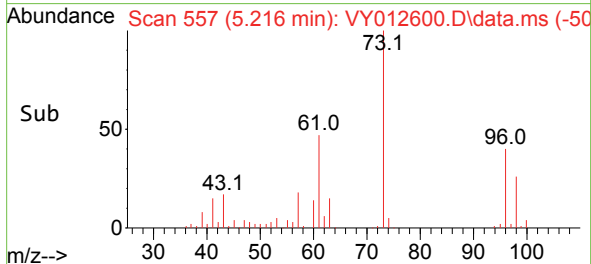
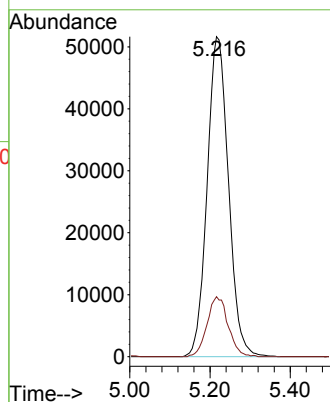
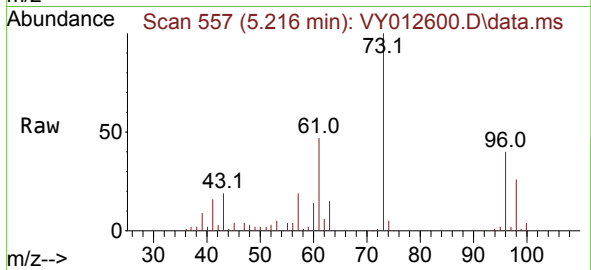




#19
Methyl tert-butyl Ether
Concen: 53.272 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

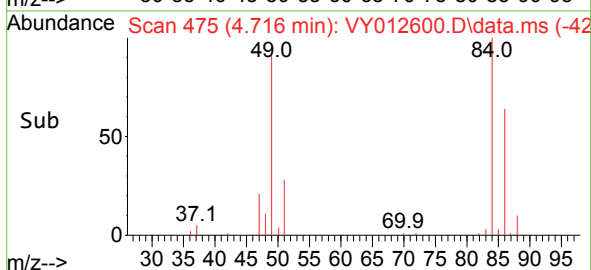
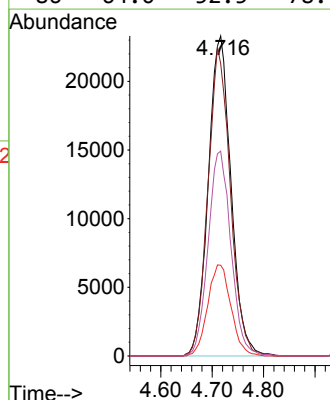
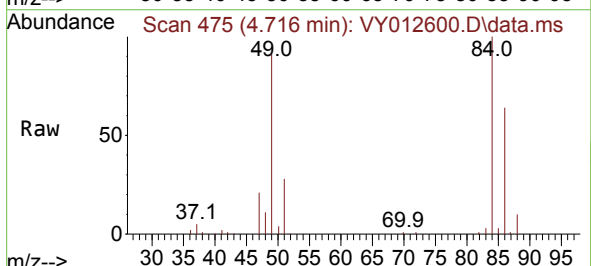
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

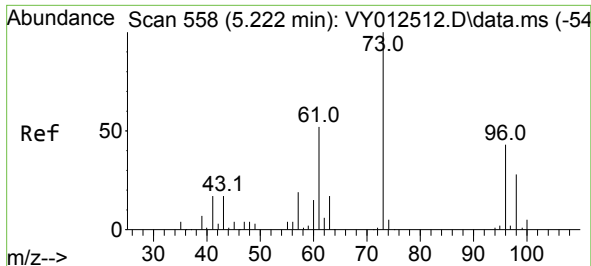
Tgt Ion: 73 Resp: 190361
Ion Ratio Lower Upper
73 100
57 18.8 15.3 22.9



#20
Methylene Chloride
Concen: 51.088 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

Tgt Ion: 84 Resp: 71524
Ion Ratio Lower Upper
84 100
49 91.3 79.8 119.6
51 28.3 23.4 35.2
86 64.0 52.5 78.7

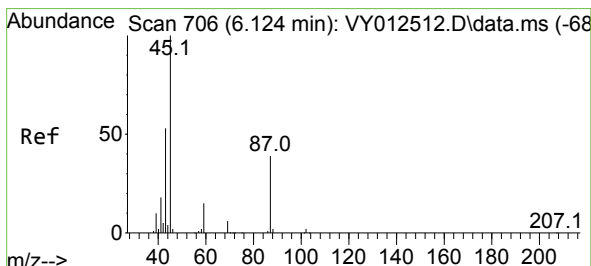
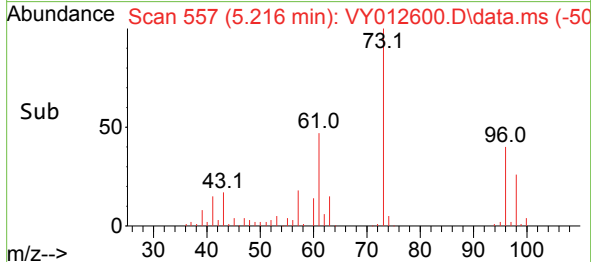
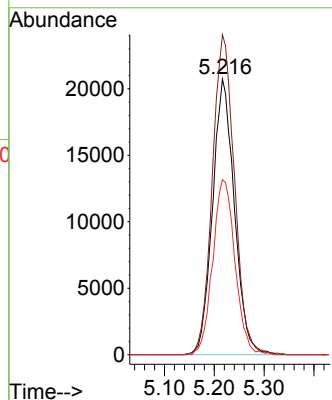
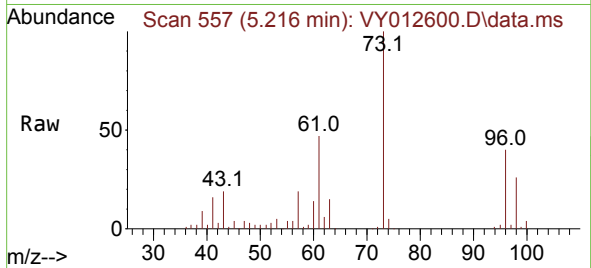




#21
trans-1,2-Dichloroethene
Concen: 47.349 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

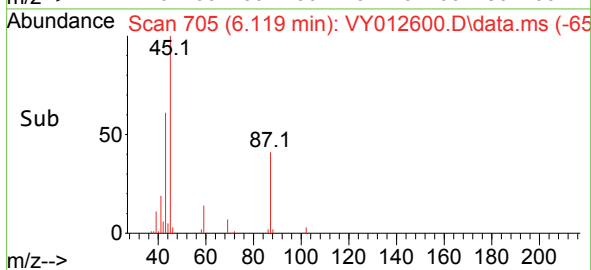
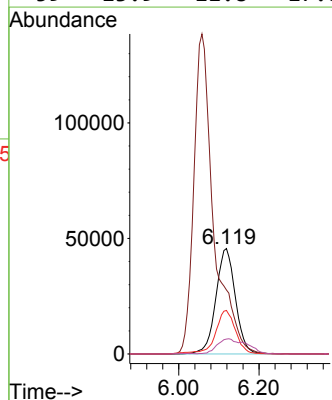
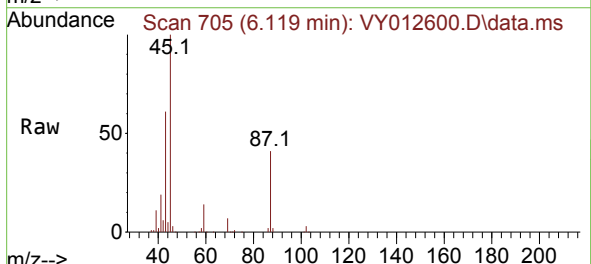
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

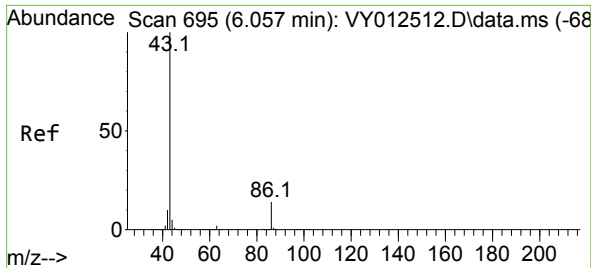
Tgt Ion: 96 Resp: 63060
Ion Ratio Lower Upper
96 100
61 116.1 96.2 144.4
98 63.5 51.6 77.4



#22
Diisopropyl ether
Concen: 50.882 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

Tgt Ion: 45 Resp: 154046
Ion Ratio Lower Upper
45 100
43 60.4 45.9 68.9
87 41.2 32.2 48.4
59 13.9 11.8 17.8

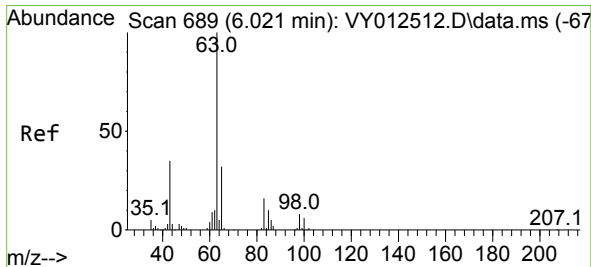
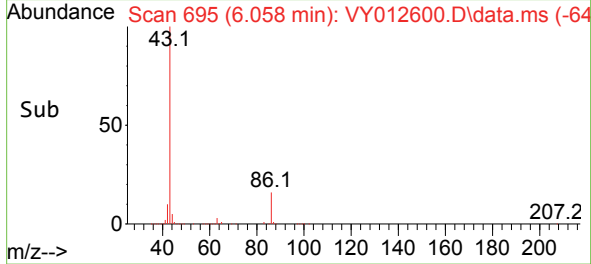
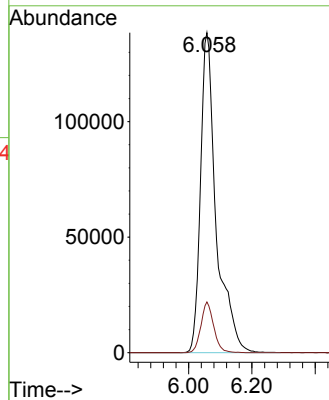
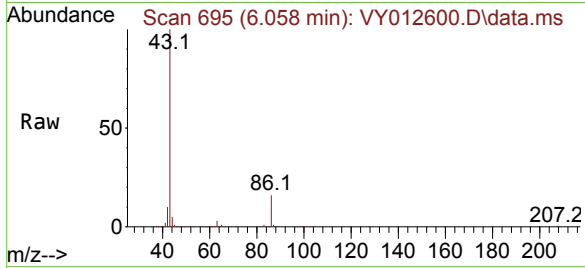




#23
 Vinyl Acetate
 Concen: 261.462 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY012600.D
 Acq: 14 Feb 2023 20:05

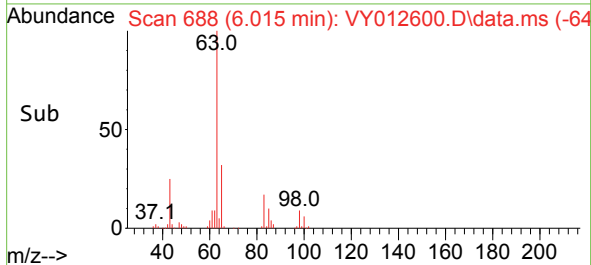
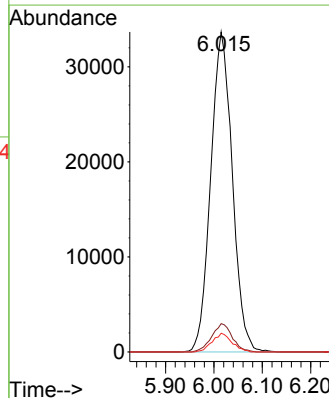
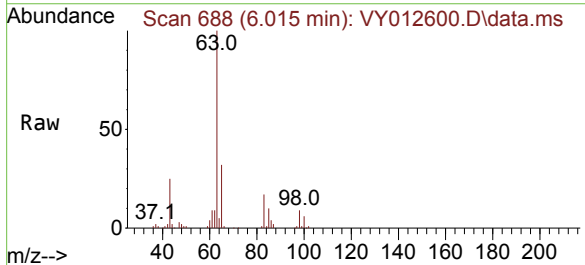
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

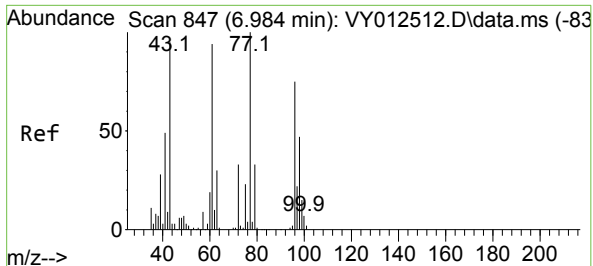
Tgt Ion: 43 Resp: 477201
 Ion Ratio Lower Upper
 43 100
 86 15.9 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 48.251 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY012600.D
 Acq: 14 Feb 2023 20:05

Tgt Ion: 63 Resp: 104430
 Ion Ratio Lower Upper
 63 100
 98 8.9 4.1 12.3
 100 5.9 2.9 8.8





#25

2-Butanone

Concen: 237.538 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

Instrument :

MSVOA_Y

ClientSampleId :

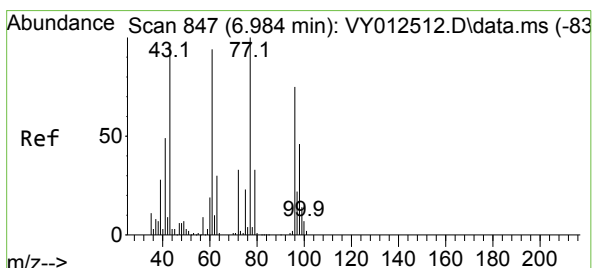
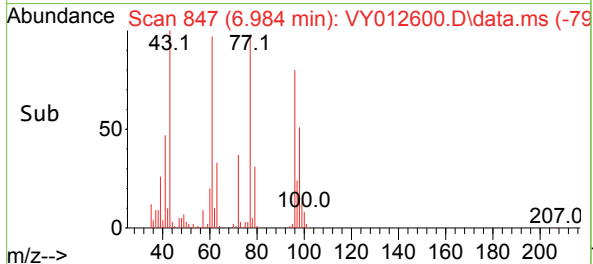
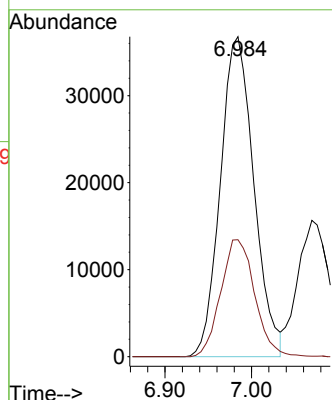
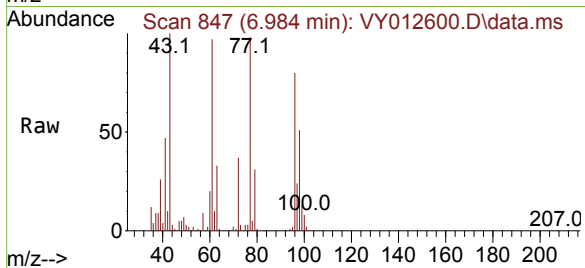
VSTDCCC050EC

Tgt Ion: 43 Resp: 98945

Ion Ratio Lower Upper

43 100

72 36.6 27.4 41.2



#26

2,2-Dichloropropane

Concen: 46.553 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012600.D

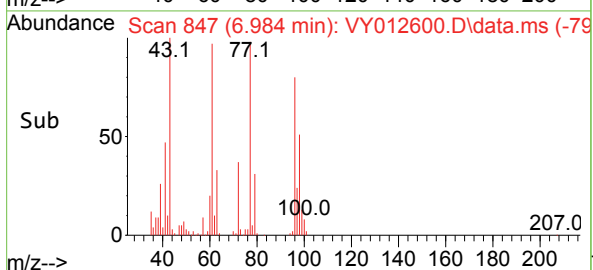
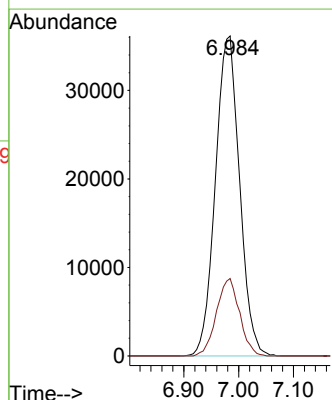
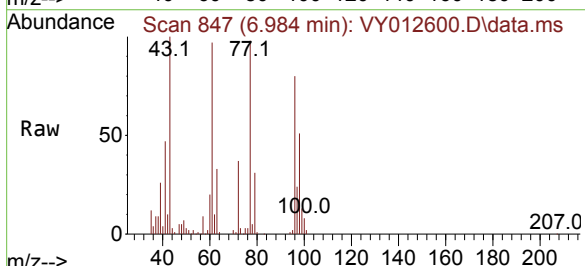
Acq: 14 Feb 2023 20:05

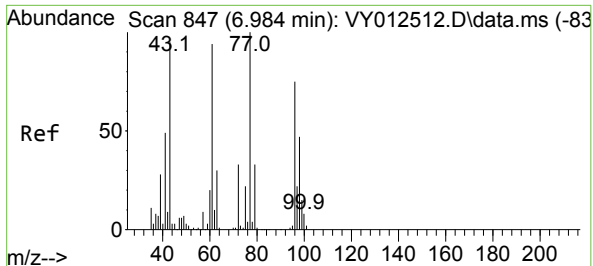
Tgt Ion: 77 Resp: 110700

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.352 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

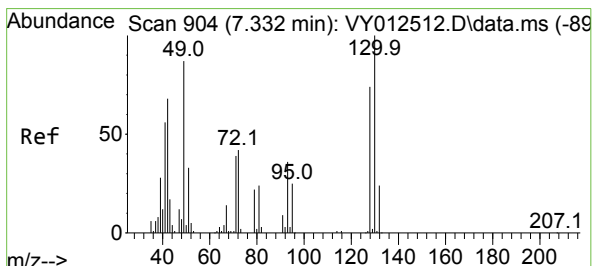
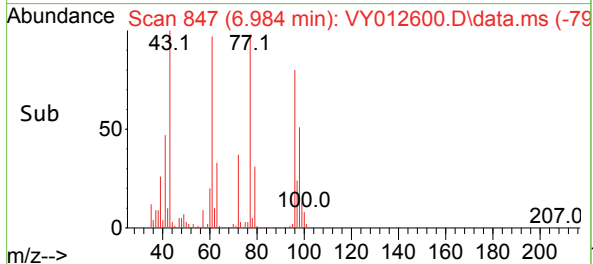
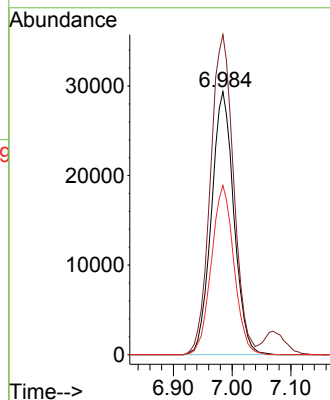
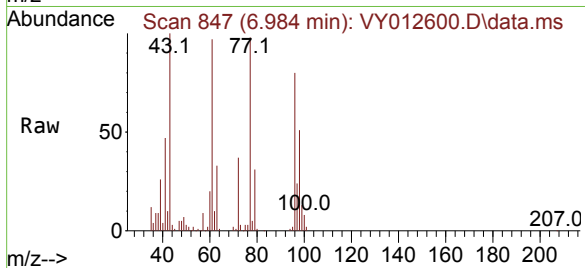
Tgt Ion: 96 Resp: 77821

Ion Ratio Lower Upper

96 100

61 125.9 0.0 259.2

98 64.7 0.0 129.0



#28

Bromochloromethane

Concen: 56.707 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

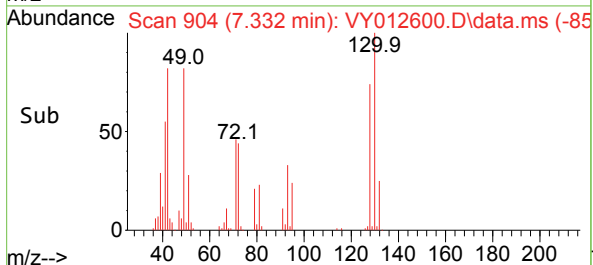
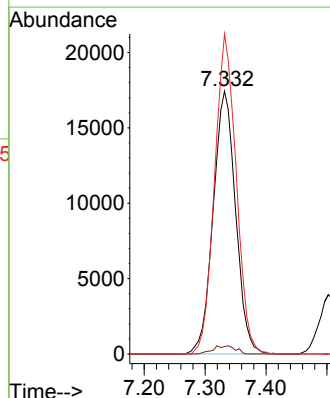
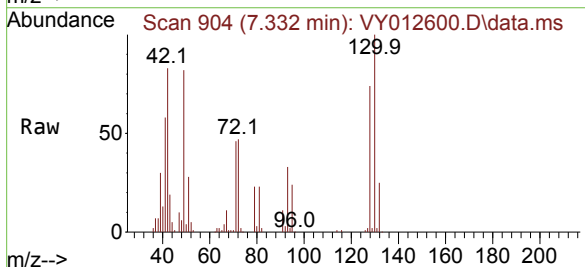
Tgt Ion: 49 Resp: 44613

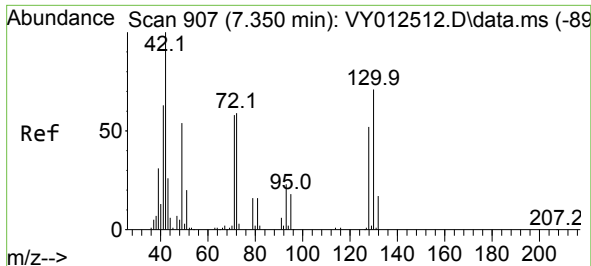
Ion Ratio Lower Upper

49 100

129 3.1 0.0 6.0

130 117.4 93.1 139.7





#29

Tetrahydrofuran

Concen: 267.359 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

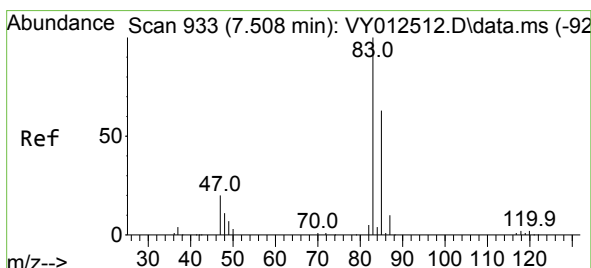
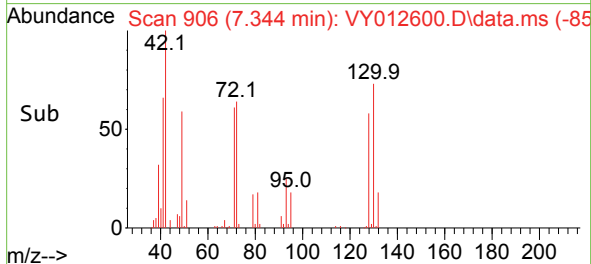
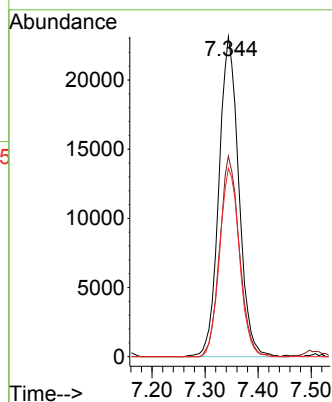
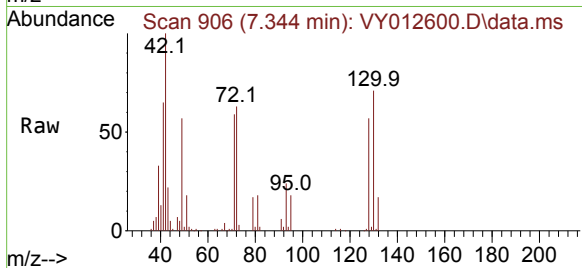
Tgt Ion: 42 Resp: 60207

Ion Ratio Lower Upper

42 100

72 62.1 47.0 70.6

71 58.8 44.6 66.8



#30

Chloroform

Concen: 51.070 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY012600.D

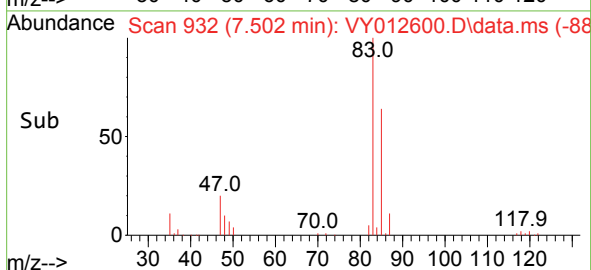
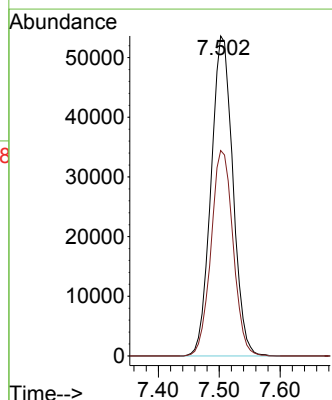
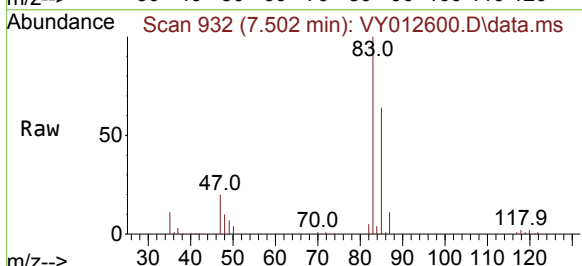
Acq: 14 Feb 2023 20:05

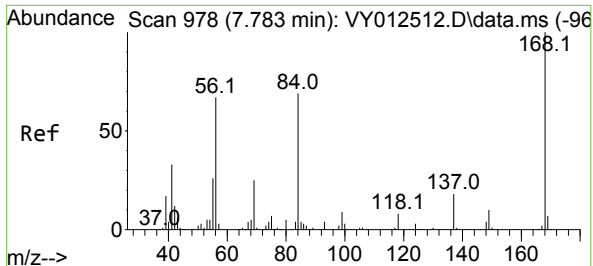
Tgt Ion: 83 Resp: 133261

Ion Ratio Lower Upper

83 100

85 64.2 50.8 76.2

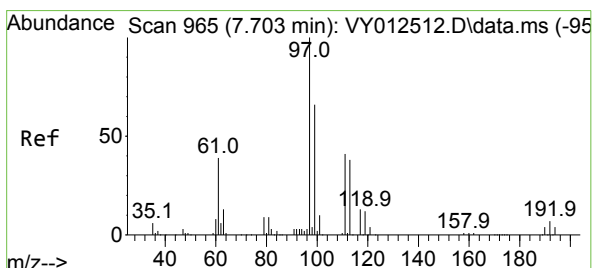
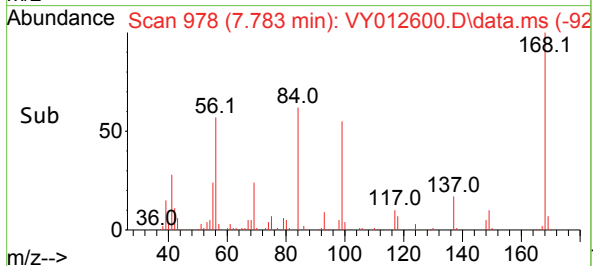
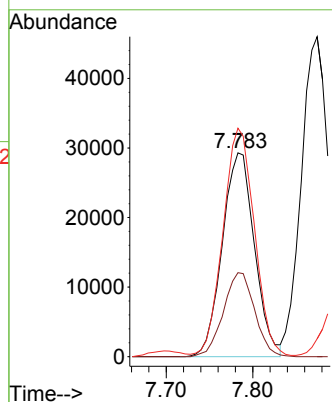
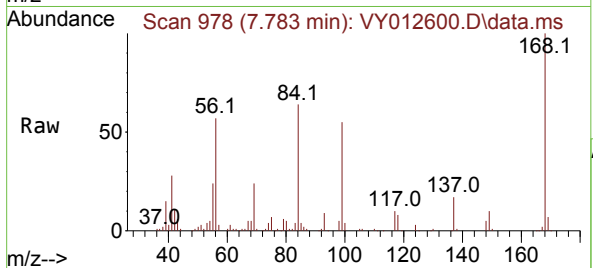




#31
Cyclohexane
Concen: 41.959 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

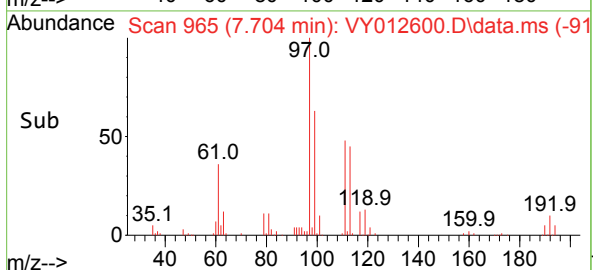
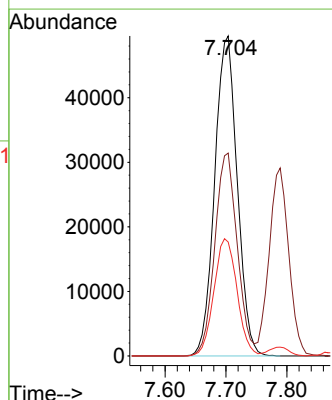
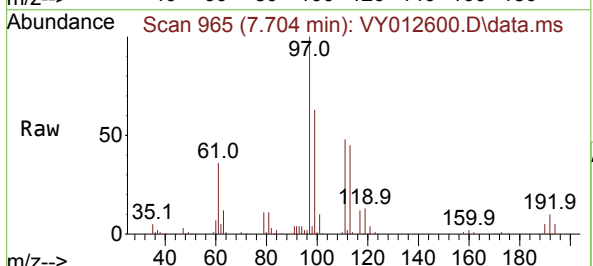
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

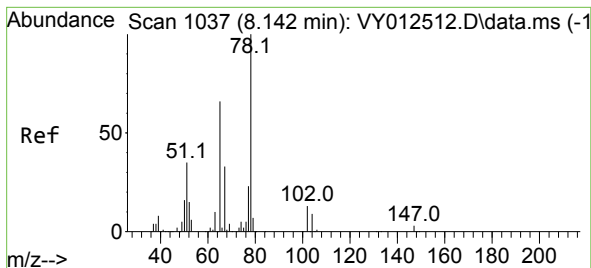
Tgt Ion: 56 Resp: 75672
Ion Ratio Lower Upper
56 100
69 41.2 29.5 44.3
84 110.1 81.9 122.9



#32
1,1,1-Trichloroethane
Concen: 50.237 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

Tgt Ion: 97 Resp: 127207
Ion Ratio Lower Upper
97 100
99 63.2 51.1 76.7
61 37.7 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 53.606 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

Instrument :

MSVOA_Y

ClientSampleId :

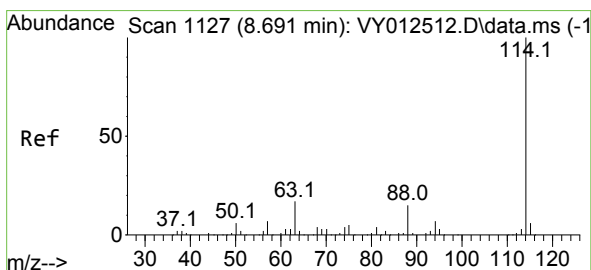
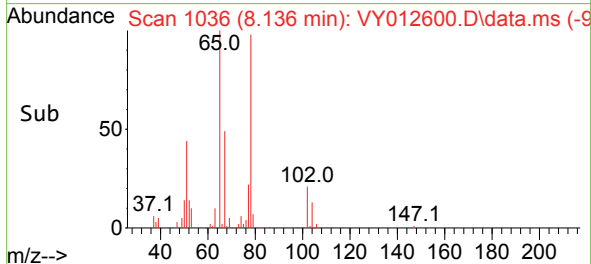
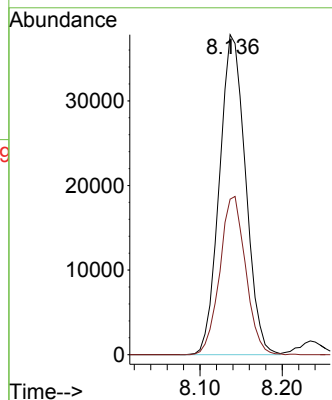
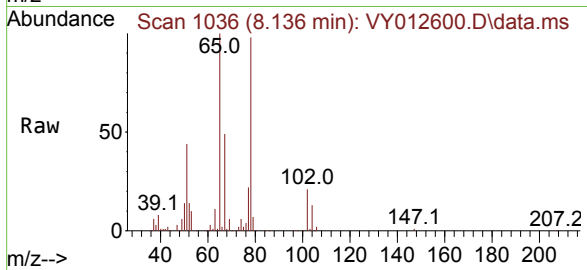
VSTDCCC050EC

Tgt Ion: 65 Resp: 83617

Ion Ratio Lower Upper

65 100

67 48.8 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

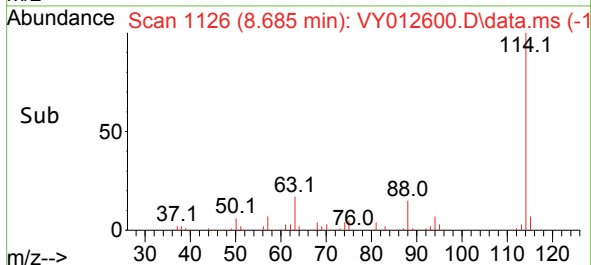
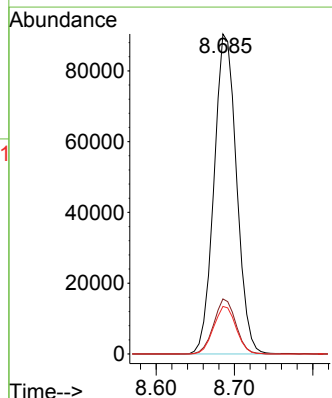
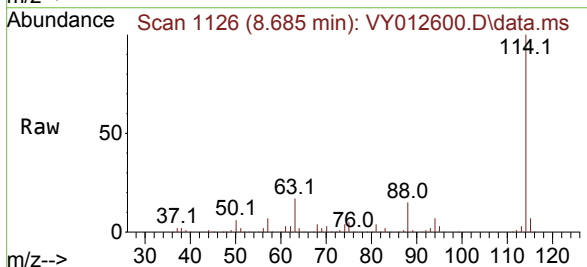
Tgt Ion: 114 Resp: 180751

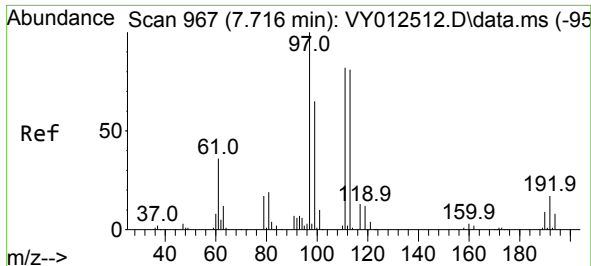
Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.6

88 14.9 0.0 29.8

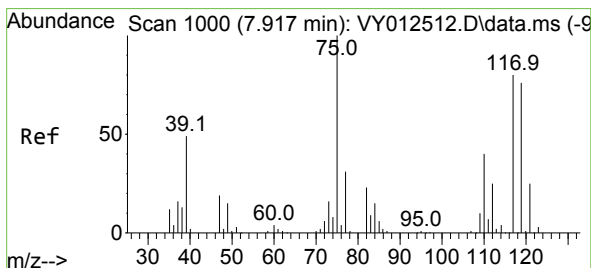
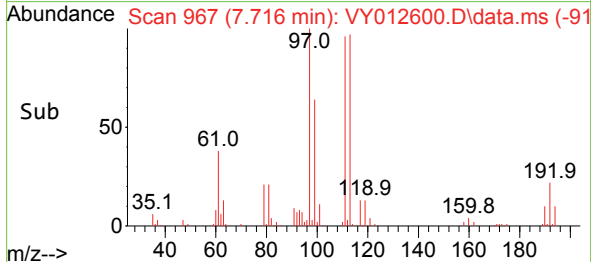
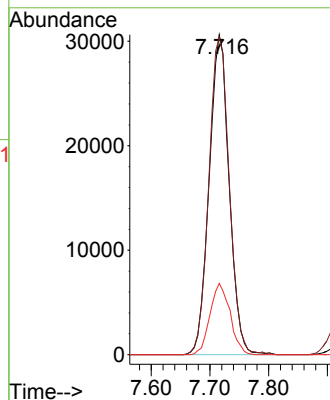
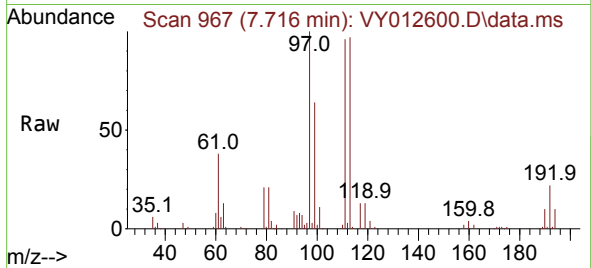




#35
Dibromofluoromethane
Concen: 54.908 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

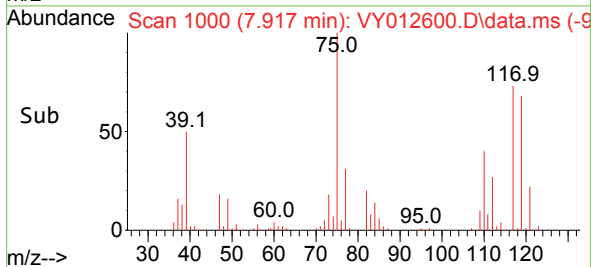
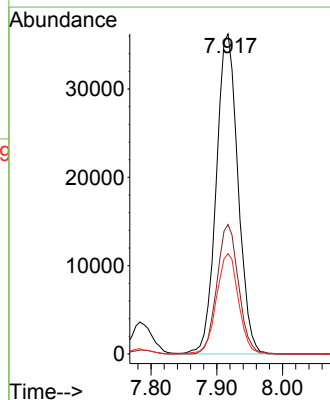
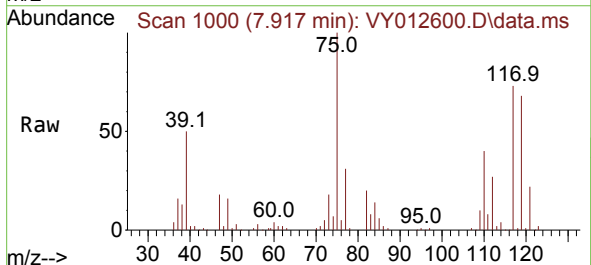
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

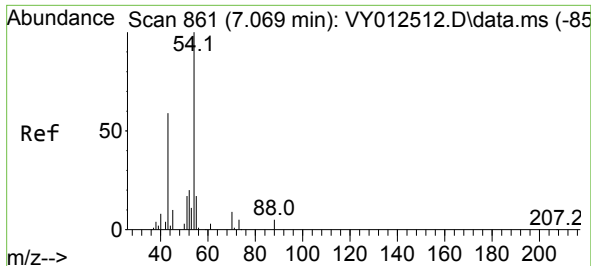
Tgt Ion:113 Resp: 72277
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 22.4 17.5 26.3



#36
1,1-Dichloropropene
Concen: 46.918 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

Tgt Ion: 75 Resp: 83587
Ion Ratio Lower Upper
75 100
110 40.1 19.5 58.5
77 31.7 24.9 37.3





#37

Ethyl Acetate

Concen: 52.285 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

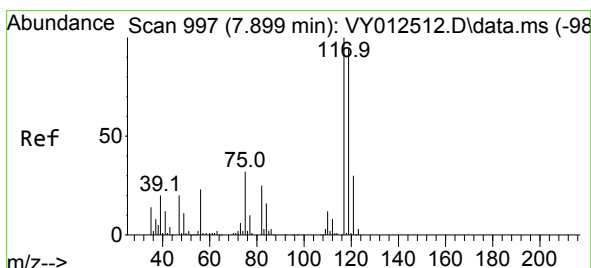
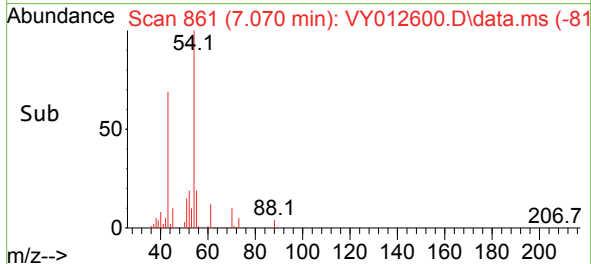
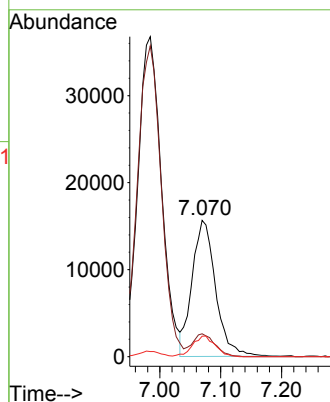
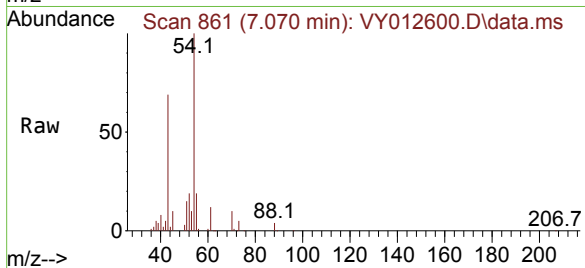
Tgt Ion: 43 Resp: 42031

Ion Ratio Lower Upper

43 100

61 16.3 12.5 18.7

70 14.6 11.0 16.4



#38

Carbon Tetrachloride

Concen: 49.438 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

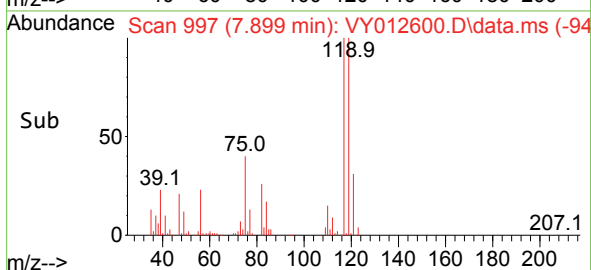
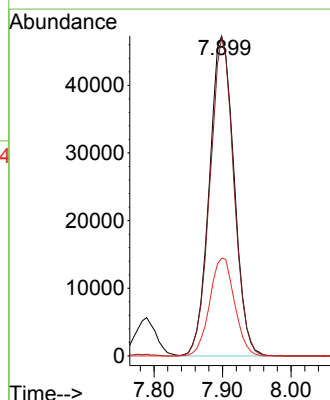
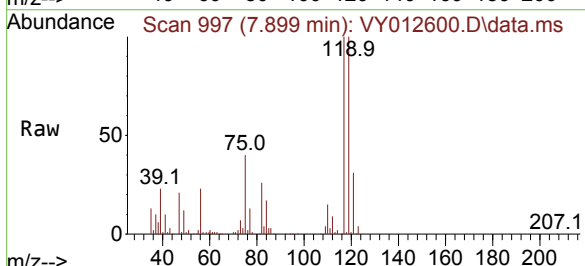
Tgt Ion: 117 Resp: 118230

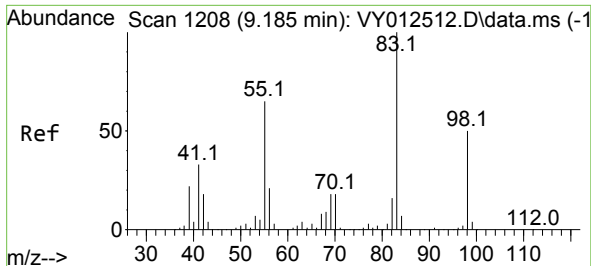
Ion Ratio Lower Upper

117 100

119 99.4 75.1 112.7

121 30.6 24.3 36.5





#39

Methylcyclohexane

Concen: 45.481 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

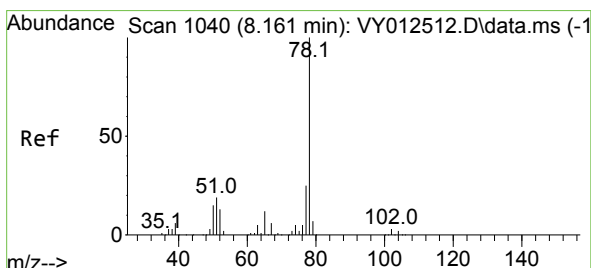
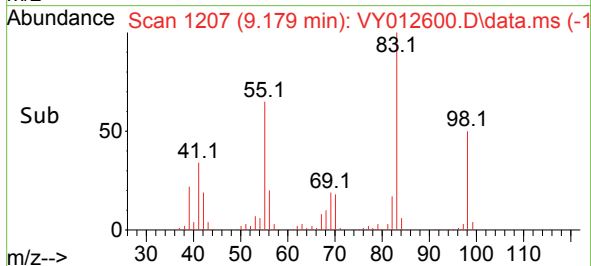
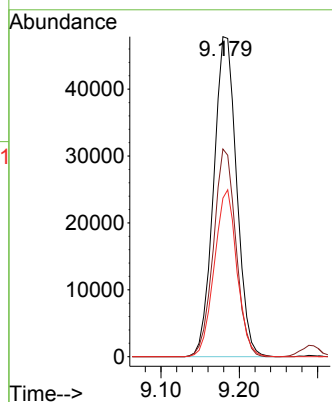
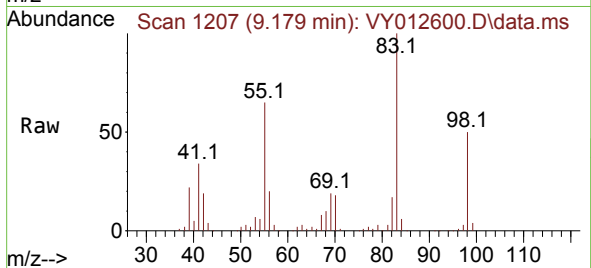
Tgt Ion: 83 Resp: 97499

Ion Ratio Lower Upper

83 100

55 64.9 52.0 78.0

98 49.6 40.4 60.6



#40

Benzene

Concen: 49.268 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY012600.D

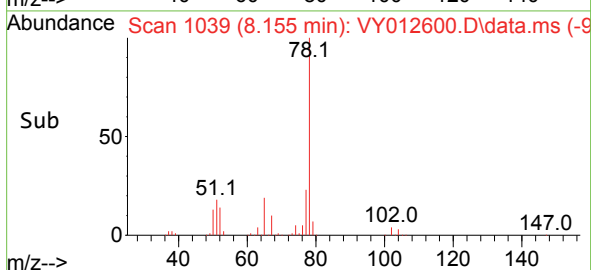
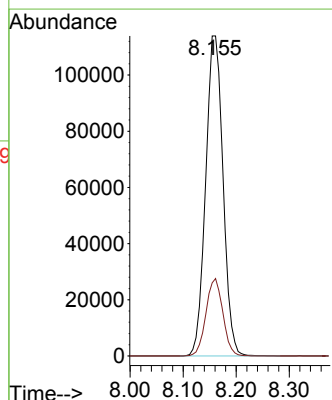
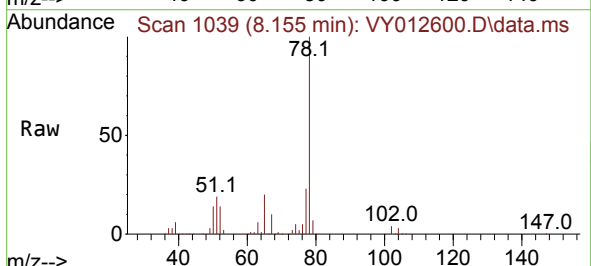
Acq: 14 Feb 2023 20:05

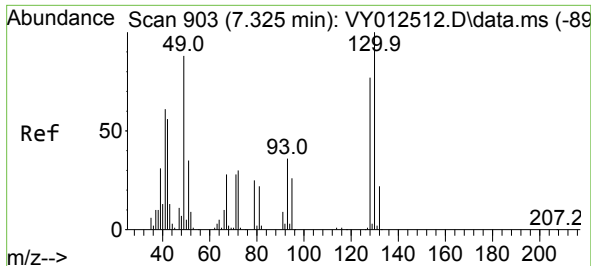
Tgt Ion: 78 Resp: 259244

Ion Ratio Lower Upper

78 100

77 22.9 19.9 29.9

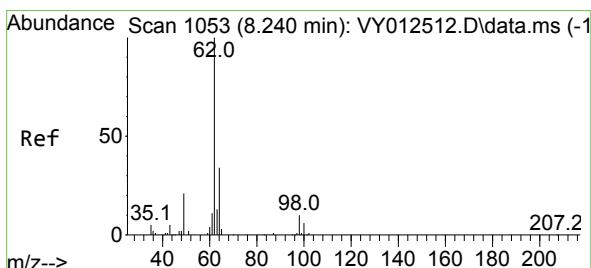
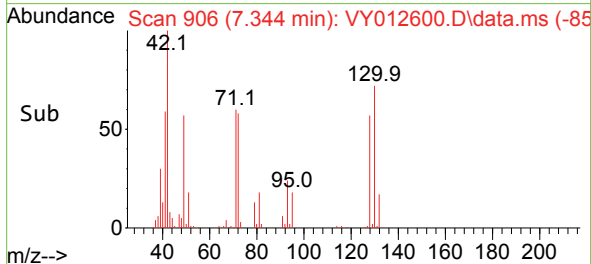
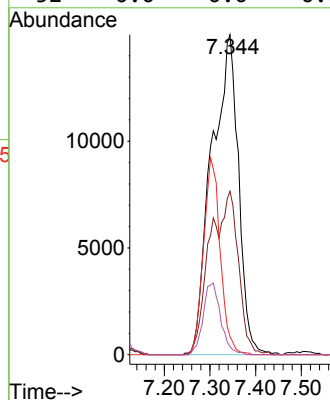
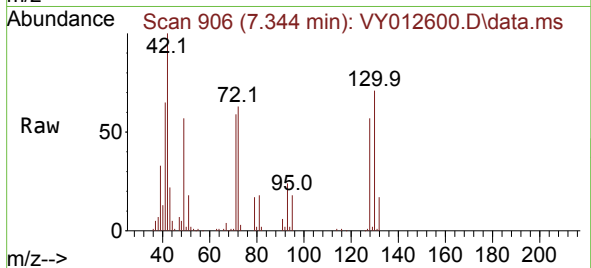




#41
Methacrylonitrile
Concen: 138.445 ug/l
RT: 7.344 min Scan# 90
Delta R.T. 0.018 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

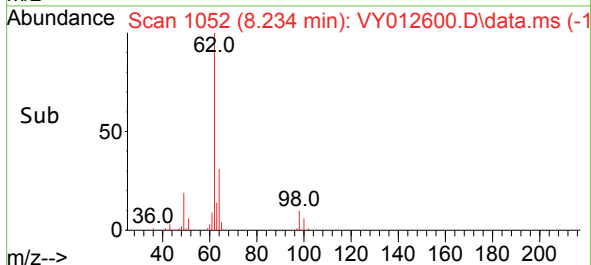
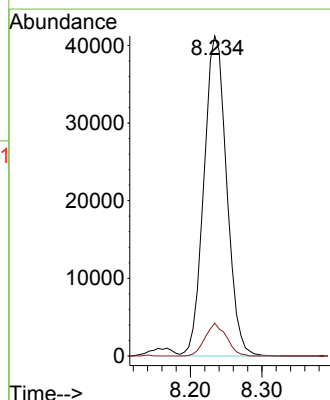
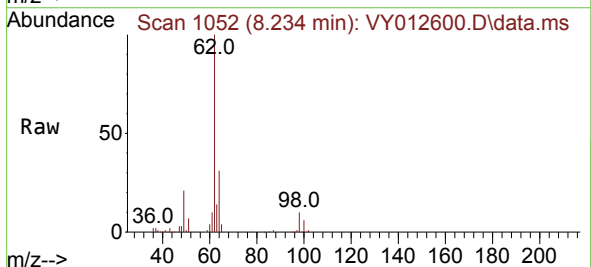
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

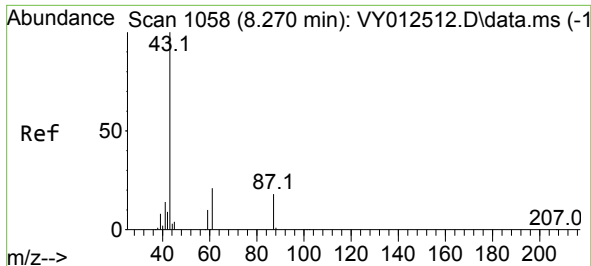
Tgt Ion: 41 Resp: 60973
Ion Ratio Lower Upper
41 100
39 27.7 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 53.373 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

Tgt Ion: 62 Resp: 91027
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.2

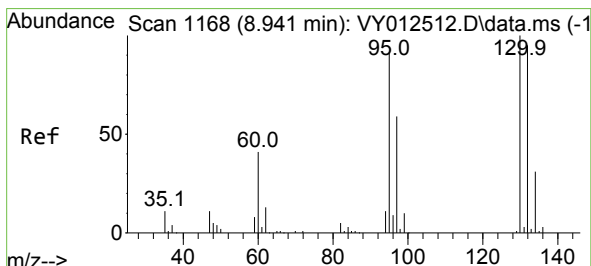
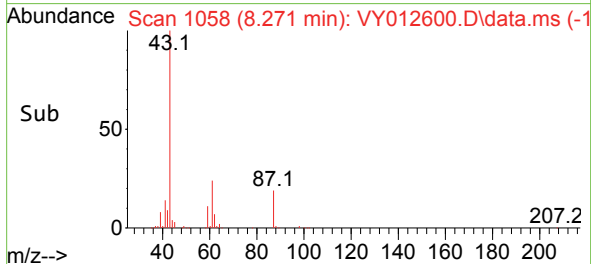
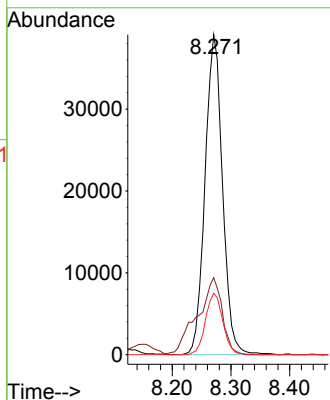
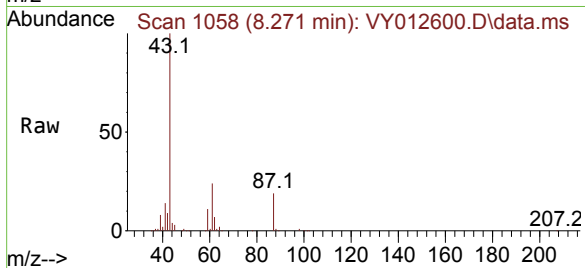




#43
Isopropyl Acetate
Concen: 54.251 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

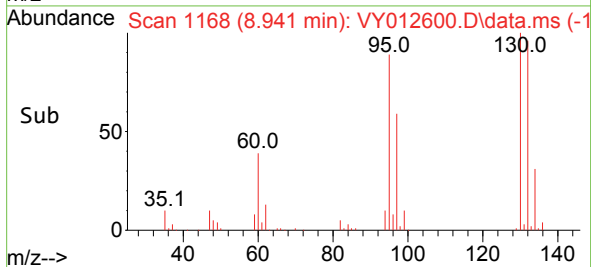
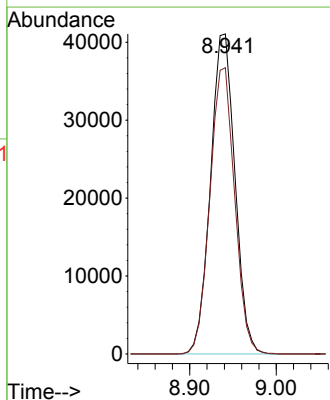
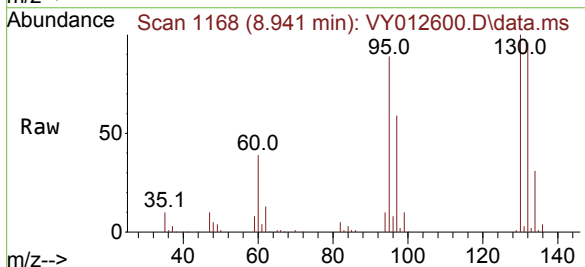
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

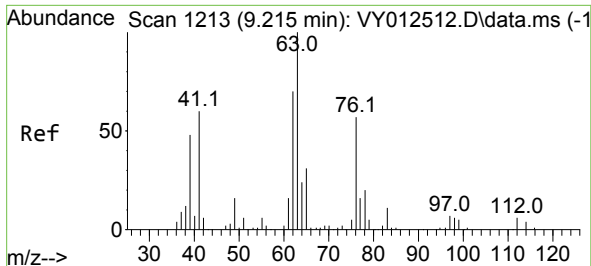
Tgt Ion: 43 Resp: 80859
Ion Ratio Lower Upper
43 100
61 34.1 27.2 40.8
87 19.1 15.0 22.4



#44
Trichloroethene
Concen: 50.382 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

Tgt Ion:130 Resp: 80701
Ion Ratio Lower Upper
130 100
95 89.4 0.0 181.2

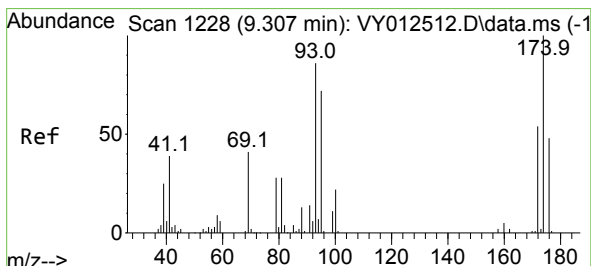
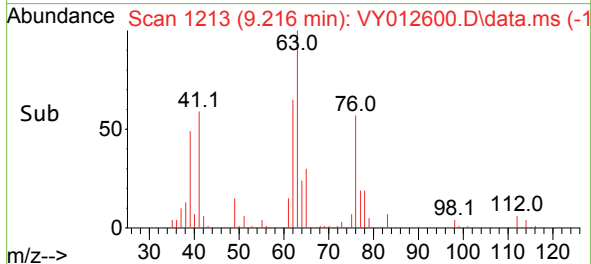
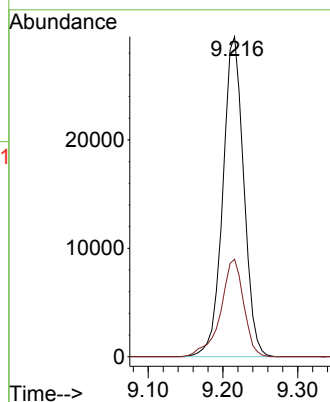
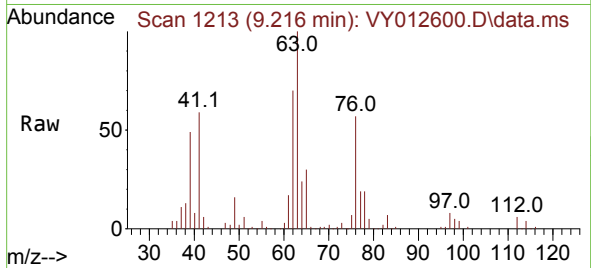




#45
1,2-Dichloropropane
Concen: 50.373 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

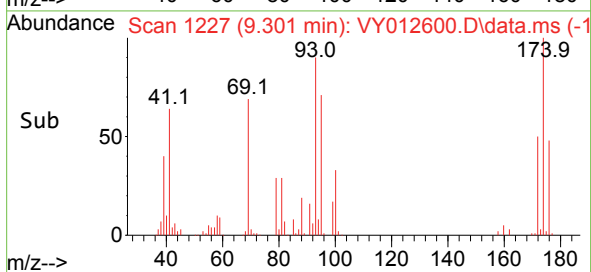
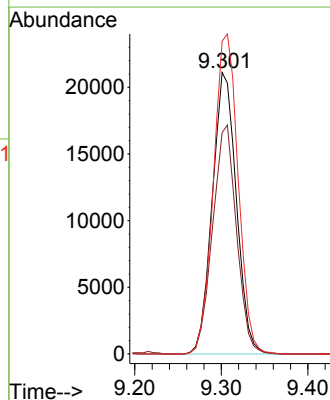
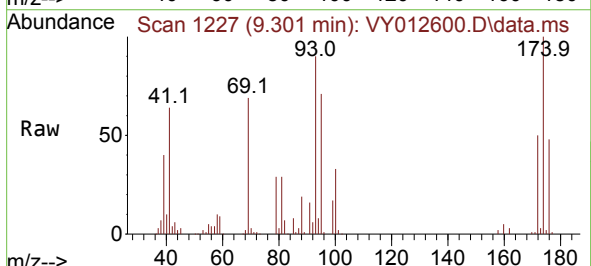
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

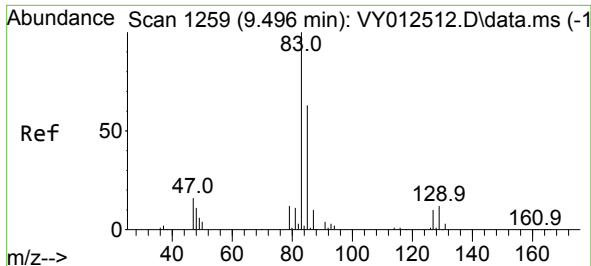
Tgt Ion: 63 Resp: 57474
Ion Ratio Lower Upper
63 100
65 30.5 24.6 37.0



#46
Dibromomethane
Concen: 53.883 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

Tgt Ion: 93 Resp: 40708
Ion Ratio Lower Upper
93 100
95 80.8 65.8 98.8
174 116.5 93.4 140.2

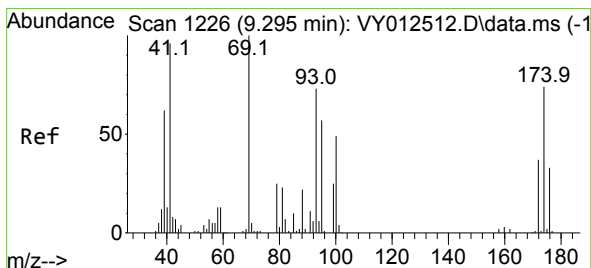
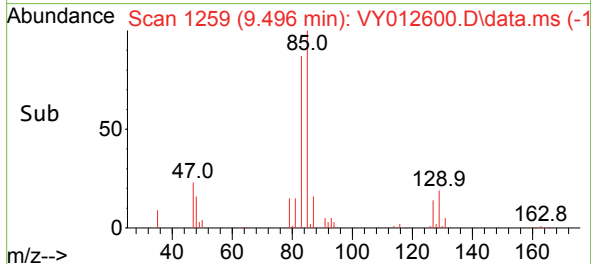
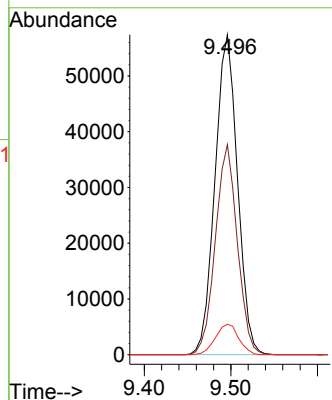
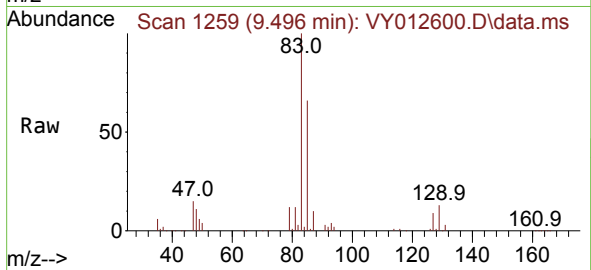




#47
Bromodichloromethane
Concen: 52.915 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

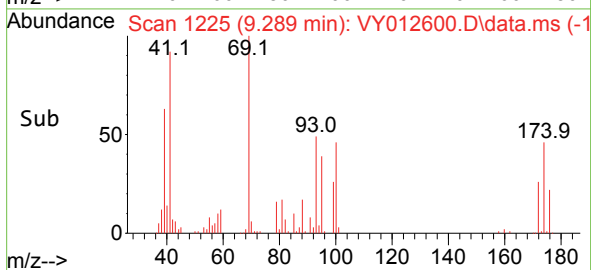
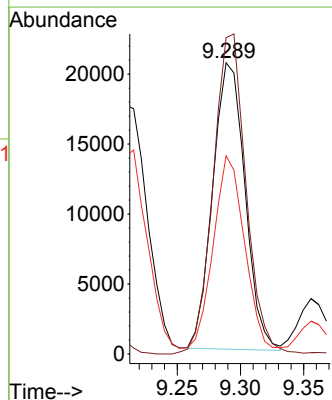
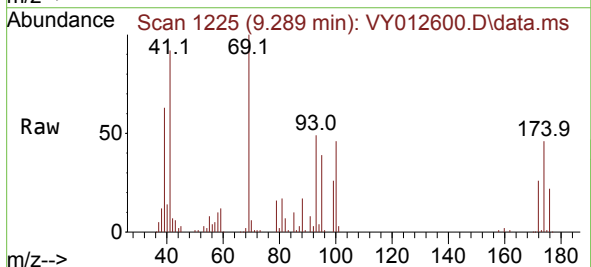
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

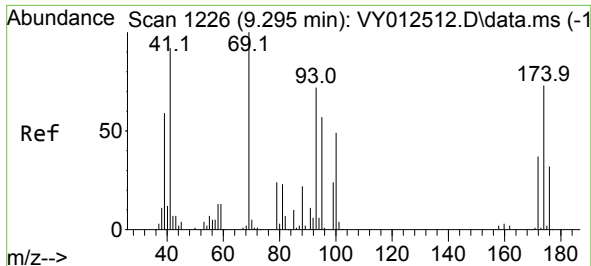
Tgt Ion: 83 Resp: 103654
Ion Ratio Lower Upper
83 100
85 65.7 50.7 76.1
127 9.5 8.1 12.1



#48
Methyl methacrylate
Concen: 53.385 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

Tgt Ion: 41 Resp: 36370
Ion Ratio Lower Upper
41 100
69 113.6 85.4 128.2
39 69.0 52.7 79.1





#49

1,4-Dioxane

Concen: 1164.430 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

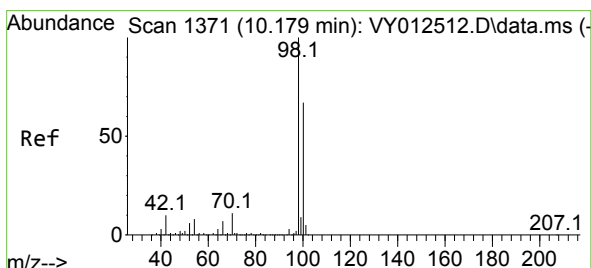
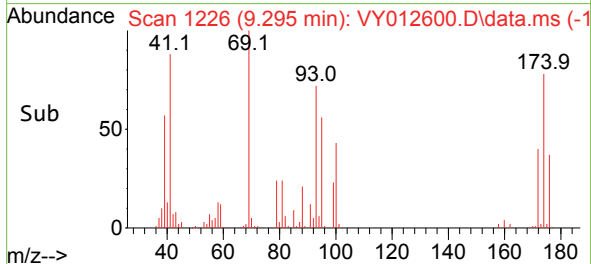
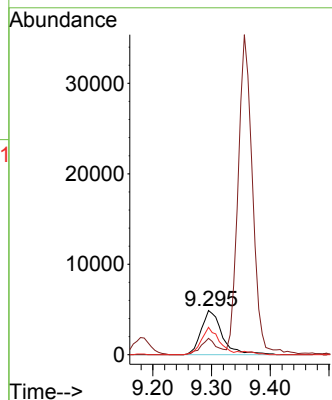
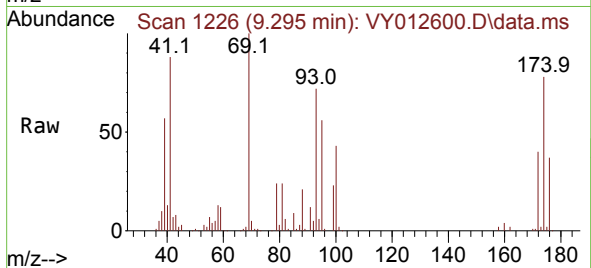
Tgt Ion: 88 Resp: 12144

Ion Ratio Lower Upper

88 100

43 27.3 22.6 33.8

58 51.9 45.4 68.0



#50

Toluene-d8

Concen: 53.643 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012600.D

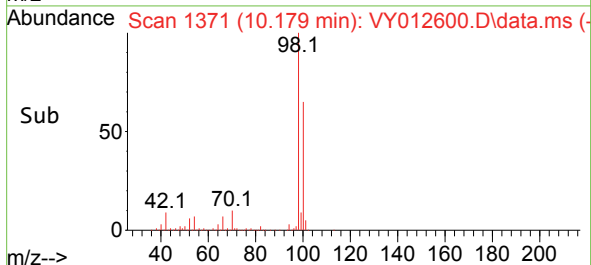
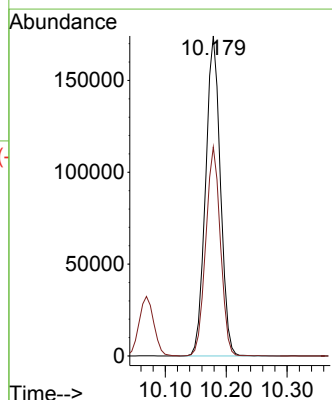
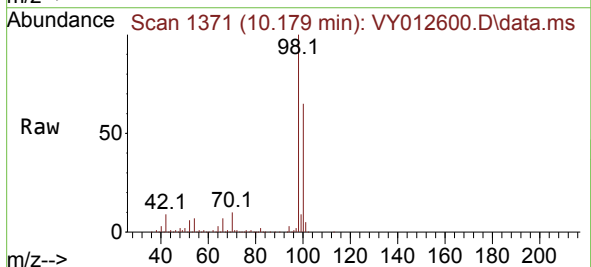
Acq: 14 Feb 2023 20:05

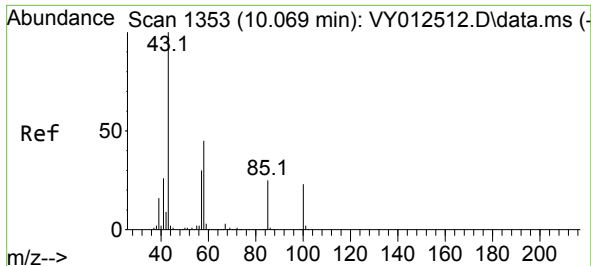
Tgt Ion: 98 Resp: 293907

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2

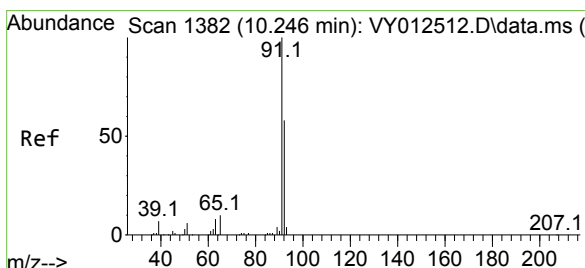
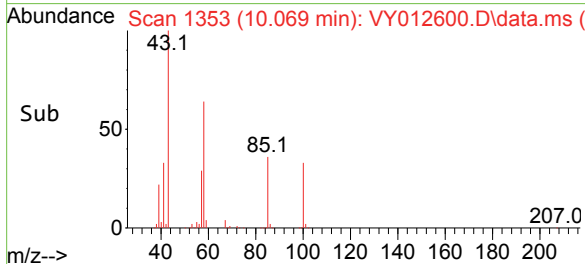
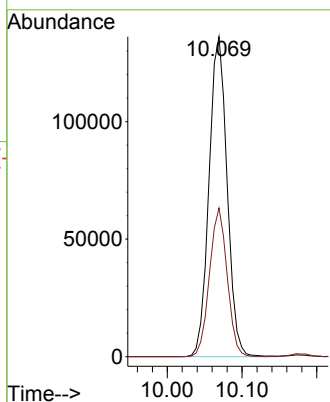
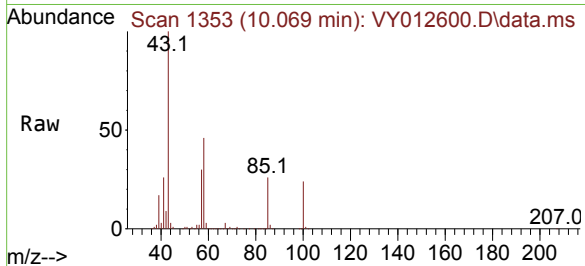




#51
4-Methyl-2-Pentanone
Concen: 285.055 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

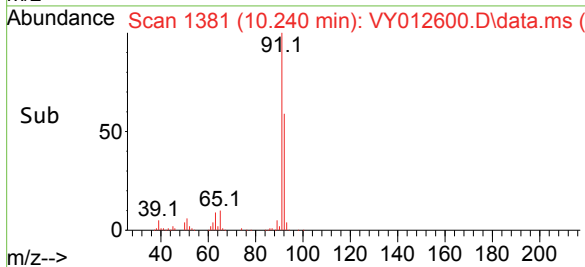
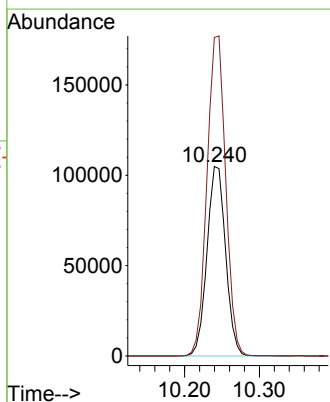
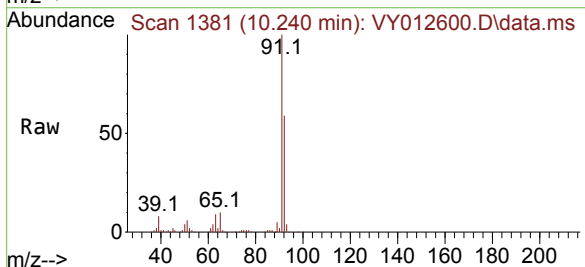
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

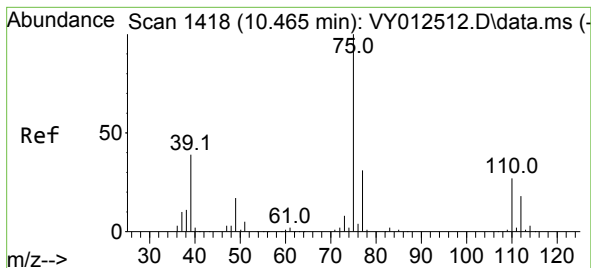
Tgt Ion: 43 Resp: 229228
Ion Ratio Lower Upper
43 100
58 45.4 36.2 54.2



#52
Toluene
Concen: 50.872 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

Tgt Ion: 92 Resp: 181527
Ion Ratio Lower Upper
92 100
91 169.7 137.2 205.8

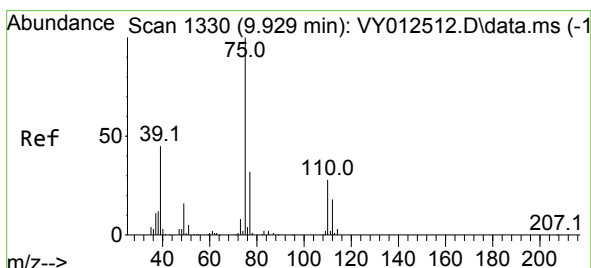
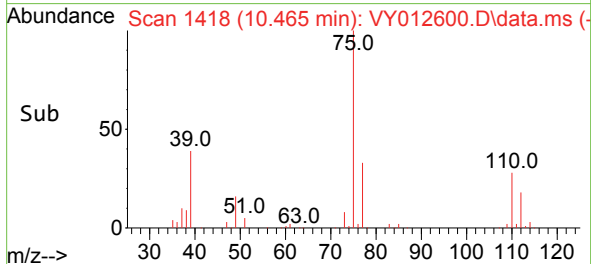
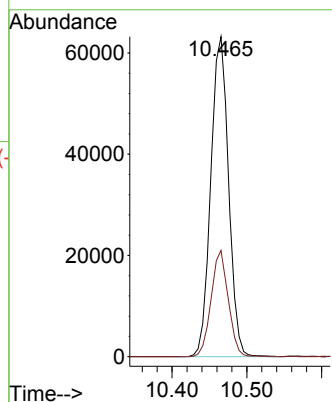
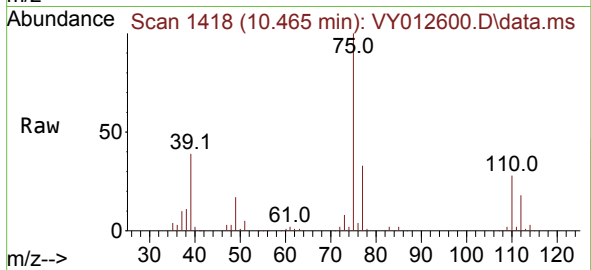




#53
 t-1,3-Dichloropropene
 Concen: 53.013 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY012600.D
 Acq: 14 Feb 2023 20:05

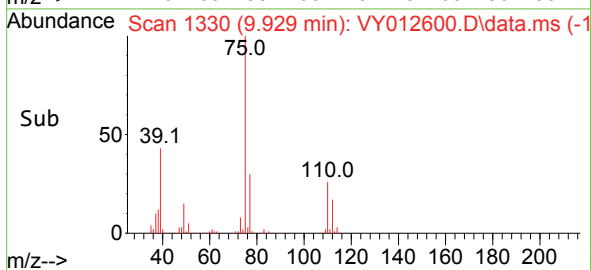
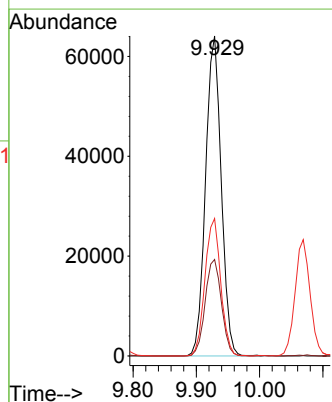
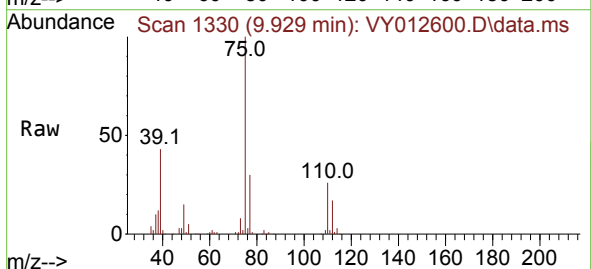
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

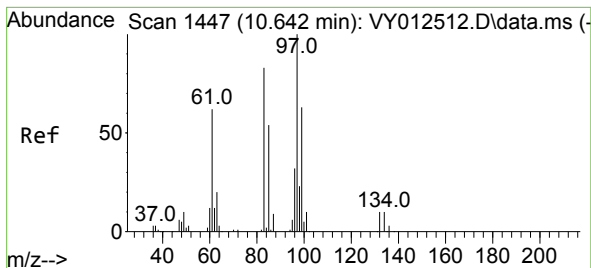
Tgt Ion: 75 Resp: 104642
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 51.717 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY012600.D
 Acq: 14 Feb 2023 20:05

Tgt Ion: 75 Resp: 110470
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.7 38.5
 39 43.0 36.0 54.0





#55

1,1,2-Trichloroethane

Concen: 54.676 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 60357

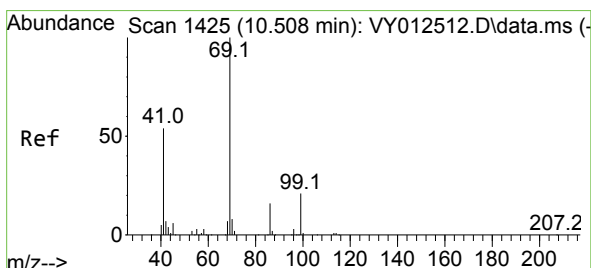
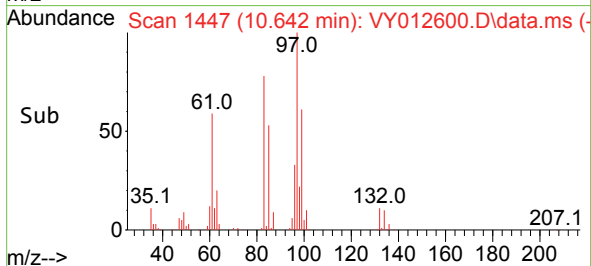
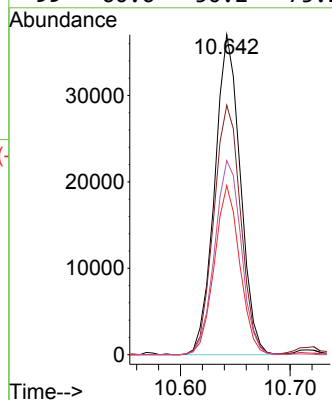
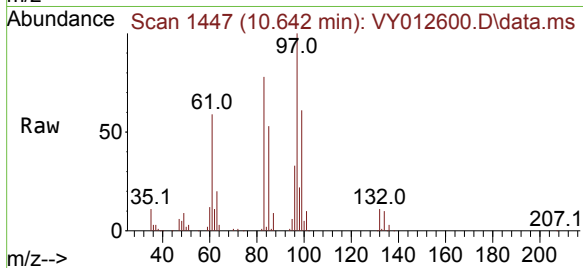
Ion Ratio Lower Upper

97 100

83 78.0 66.0 99.0

85 52.8 43.1 64.7

99 60.6 50.2 75.2



#56

Ethyl methacrylate

Concen: 56.158 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

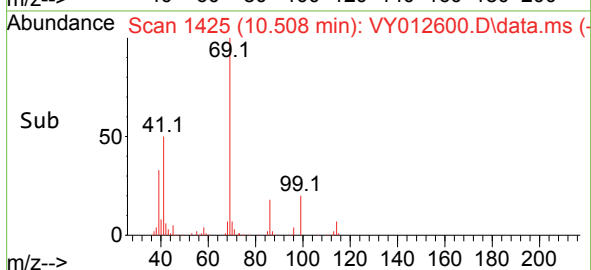
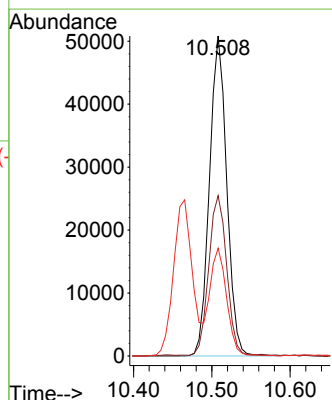
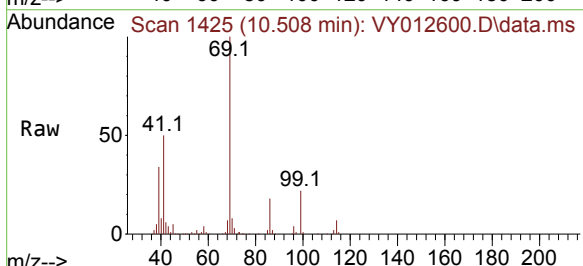
Tgt Ion: 69 Resp: 77886

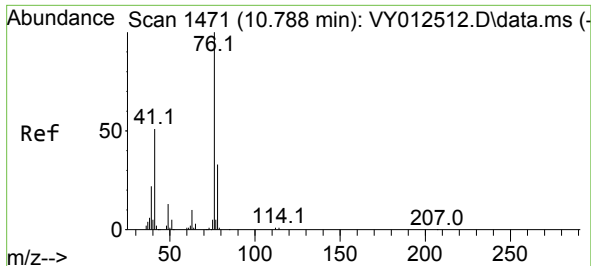
Ion Ratio Lower Upper

69 100

41 51.9 43.4 65.2

39 32.2 26.5 39.7





#57

1,3-Dichloropropane

Concen: 53.382 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

Instrument :

MSVOA_Y

ClientSampleId :

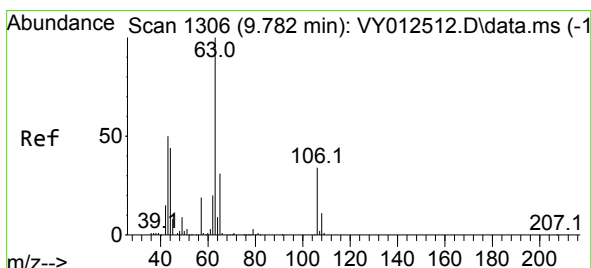
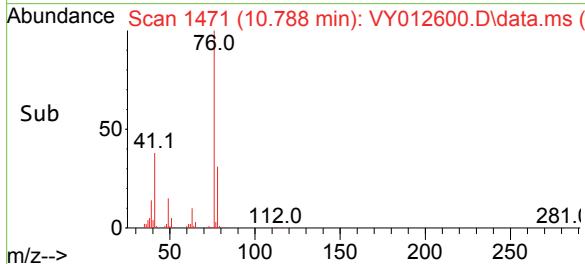
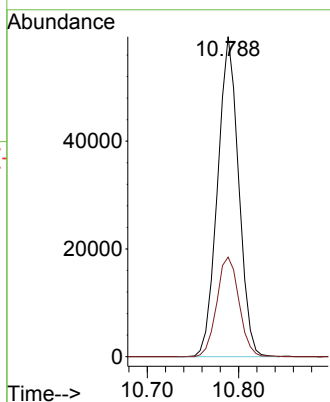
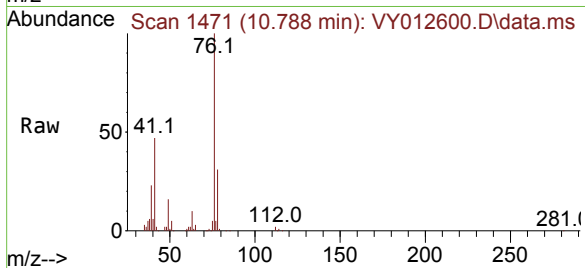
VSTDCCC050EC

Tgt Ion: 76 Resp: 95106

Ion Ratio Lower Upper

76 100

78 32.9 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 277.172 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012600.D

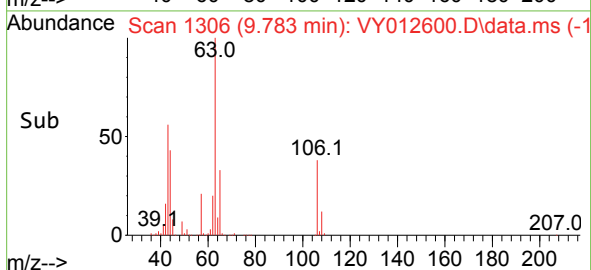
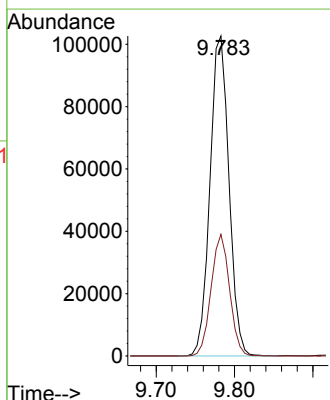
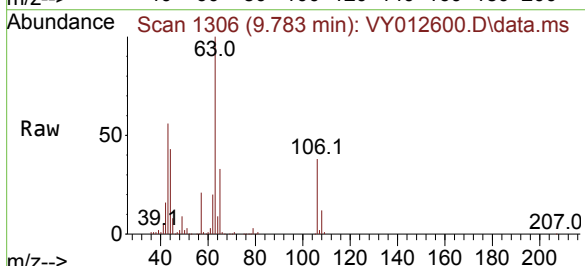
Acq: 14 Feb 2023 20:05

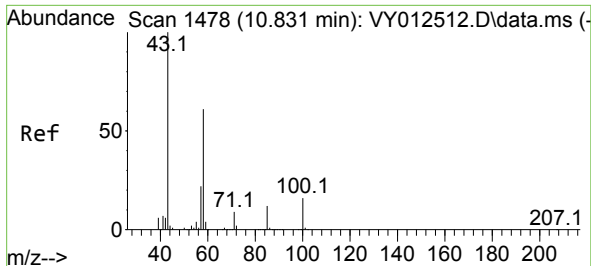
Tgt Ion: 63 Resp: 172785

Ion Ratio Lower Upper

63 100

106 37.0 28.0 42.0





#59

2-Hexanone

Concen: 272.021 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

Instrument :

MSVOA_Y

ClientSampleId :

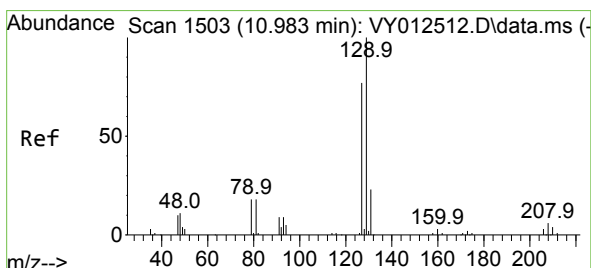
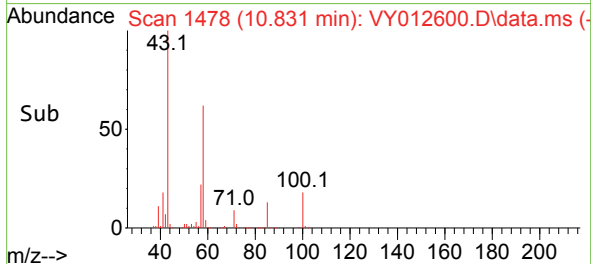
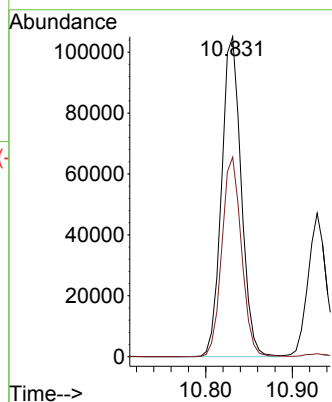
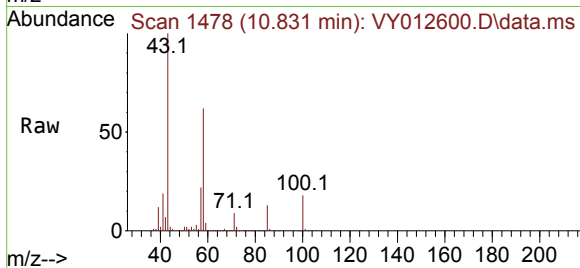
VSTDCCC050EC

Tgt Ion: 43 Resp: 165310

Ion Ratio Lower Upper

43 100

58 62.2 30.9 92.5



#60

Dibromochloromethane

Concen: 55.630 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY012600.D

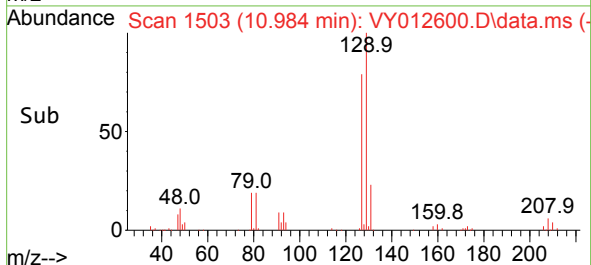
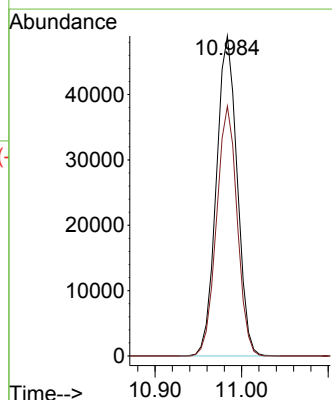
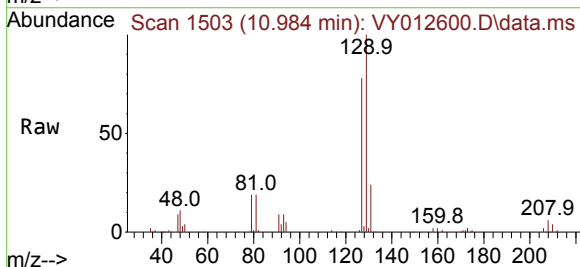
Acq: 14 Feb 2023 20:05

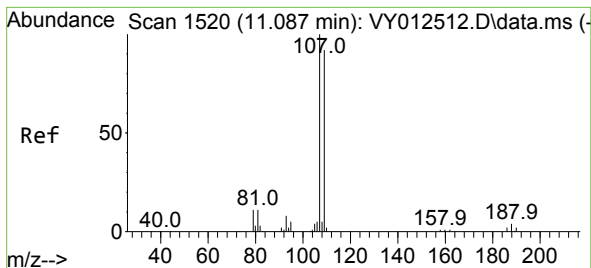
Tgt Ion: 129 Resp: 81860

Ion Ratio Lower Upper

129 100

127 77.2 38.0 114.1





#61

1,2-Dibromoethane

Concen: 54.669 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

Instrument :

MSVOA_Y

ClientSampleId :

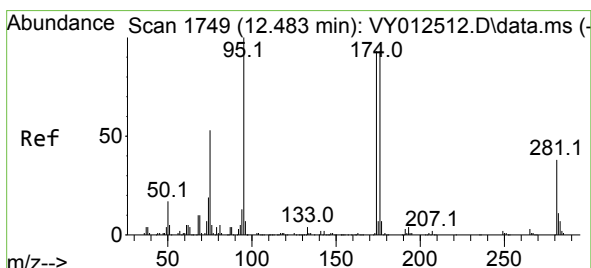
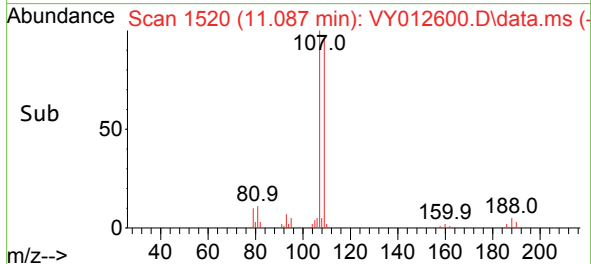
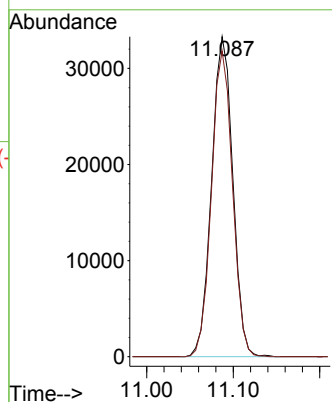
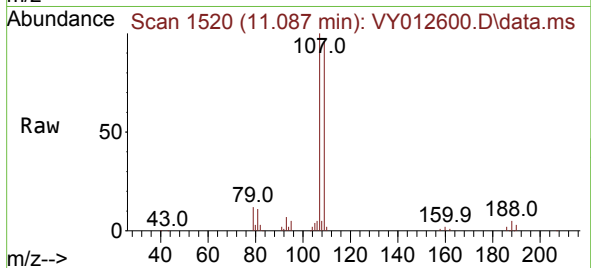
VSTDCCC050EC

Tgt Ion:107 Resp: 56546

Ion Ratio Lower Upper

107 100

109 94.7 74.2 111.2



#62

4-Bromofluorobenzene

Concen: 54.194 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

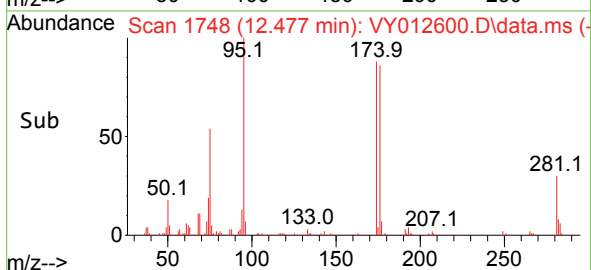
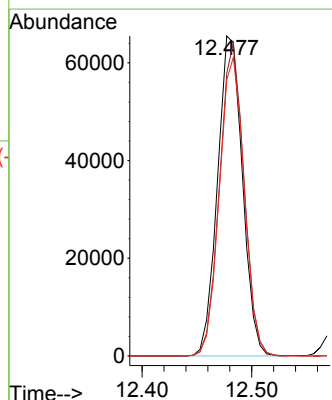
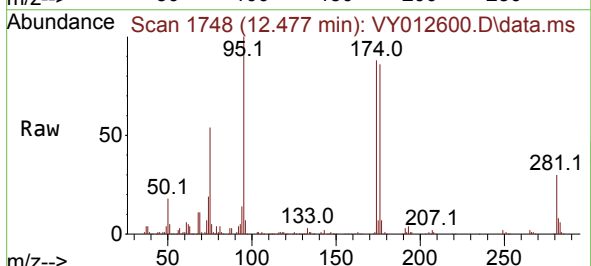
Tgt Ion: 95 Resp: 103569

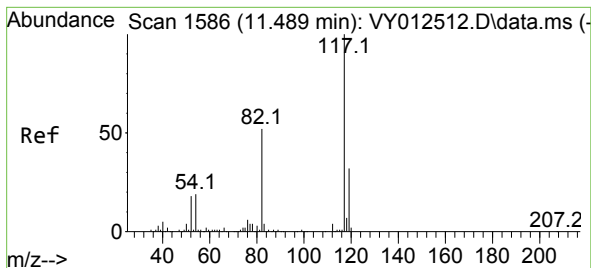
Ion Ratio Lower Upper

95 100

174 95.7 0.0 188.0

176 92.7 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC0050EC

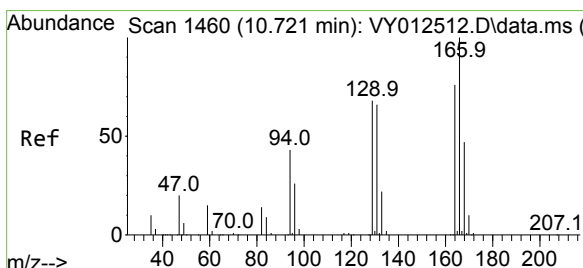
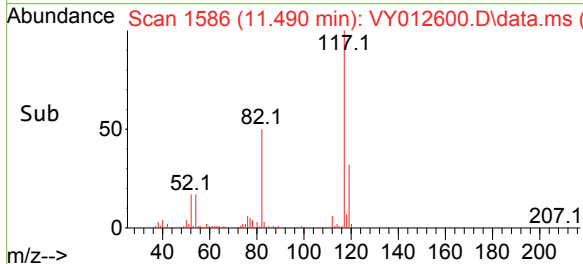
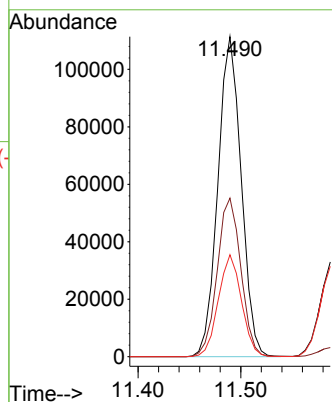
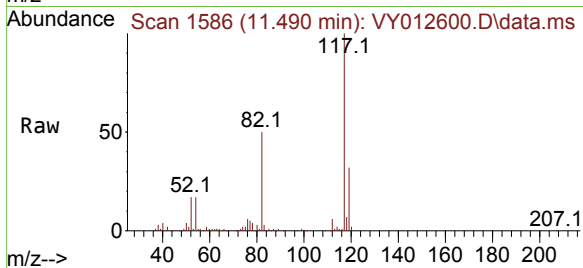
Tgt Ion:117 Resp: 175420

Ion Ratio Lower Upper

117 100

82 49.5 41.7 62.5

119 31.9 25.8 38.8



#64

Tetrachloroethene

Concen: 51.878 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

Tgt Ion:164 Resp: 95009

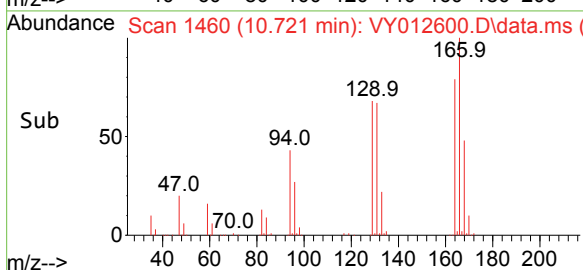
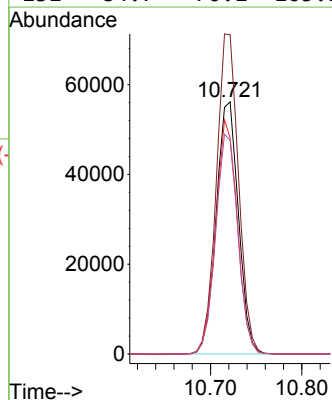
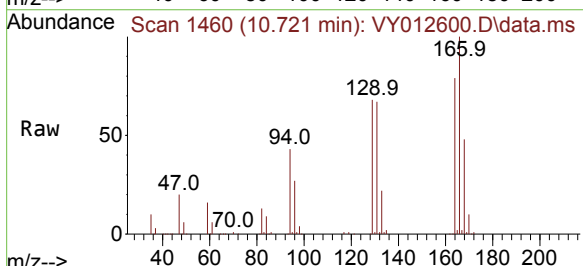
Ion Ratio Lower Upper

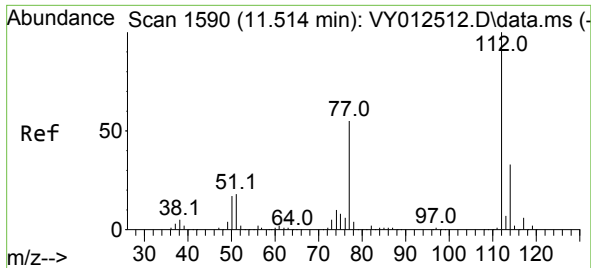
164 100

166 126.7 105.7 158.5

129 85.7 71.8 107.6

131 84.7 70.1 105.1

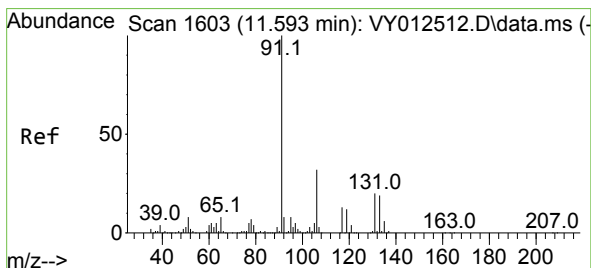
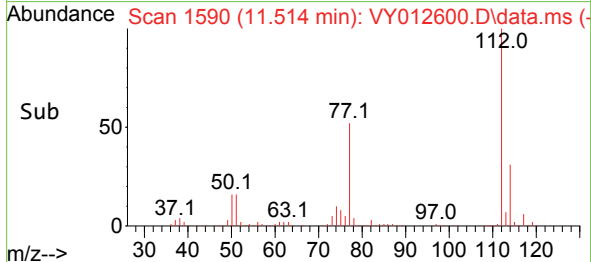
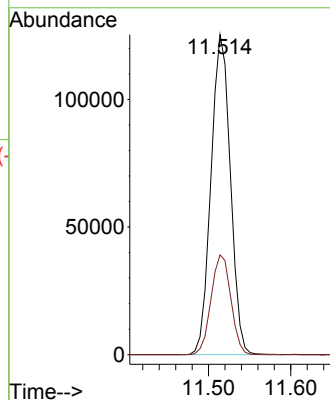
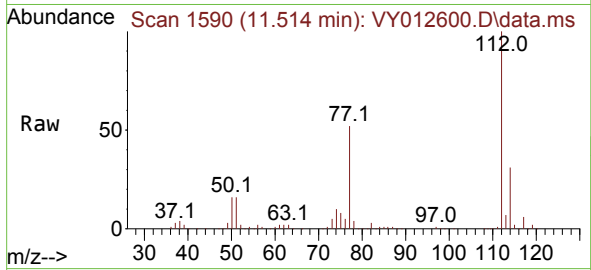




#65
Chlorobenzene
Concen: 49.339 ug/l
RT: 11.514 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

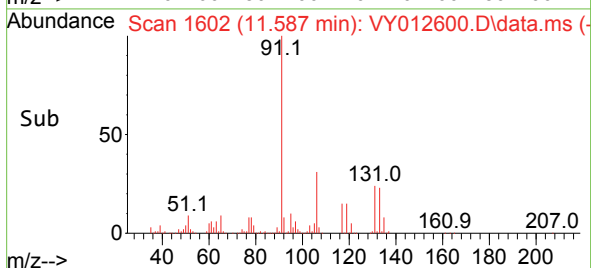
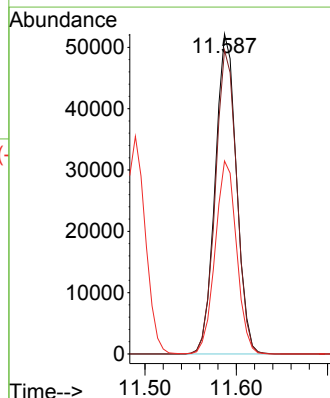
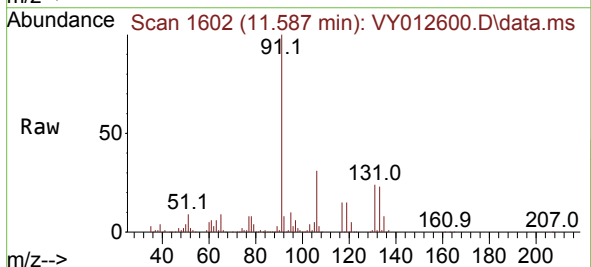
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

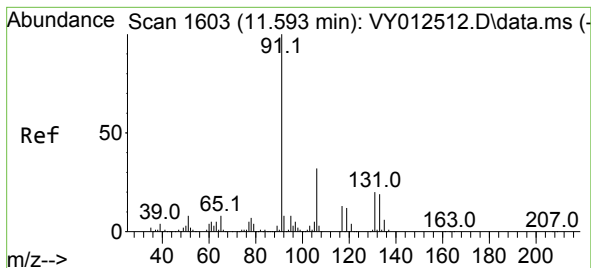
Tgt Ion:112 Resp: 205282
Ion Ratio Lower Upper
112 100
114 31.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.698 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

Tgt Ion:131 Resp: 84291
Ion Ratio Lower Upper
131 100
133 95.6 48.5 145.5
119 60.8 30.7 92.1

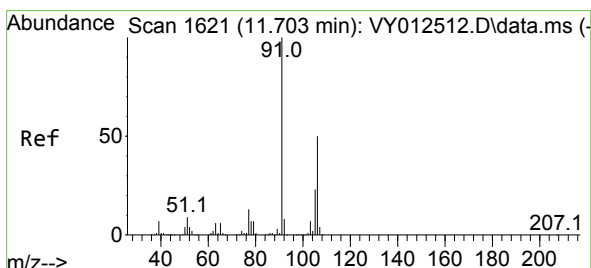
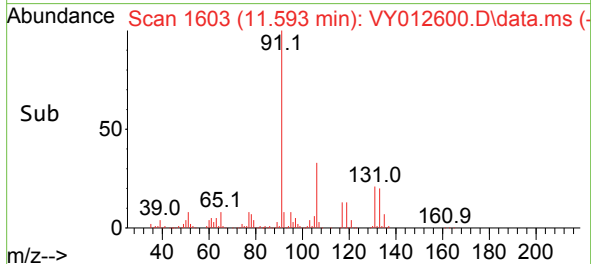
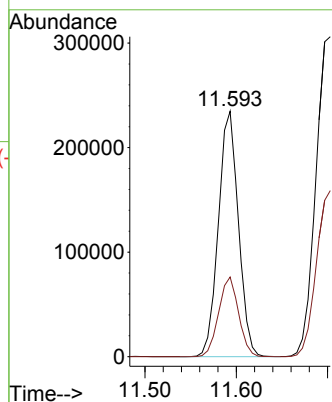
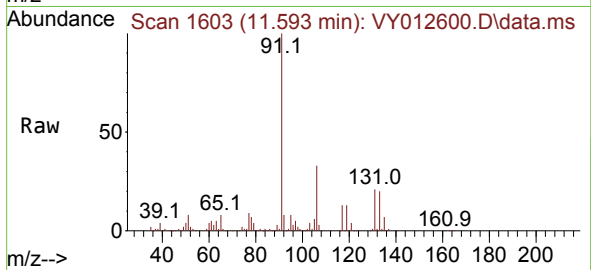




#67
Ethyl Benzene
Concen: 48.917 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

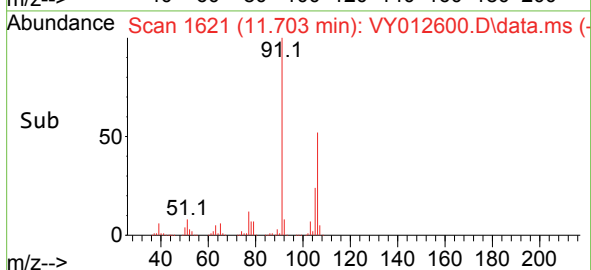
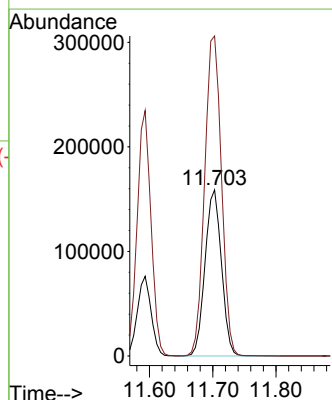
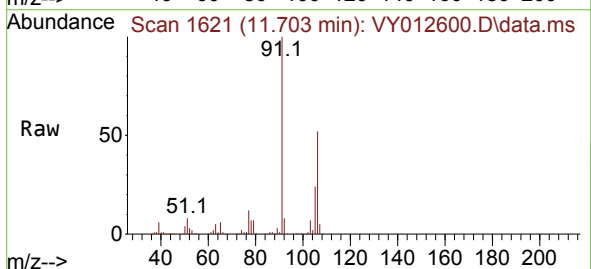
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

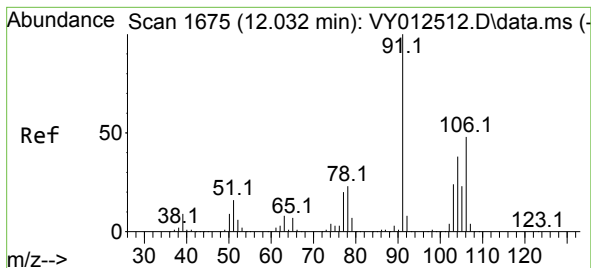
Tgt Ion: 91 Resp: 357306
Ion Ratio Lower Upper
91 100
106 32.5 25.6 38.4



#68
m/p-Xylenes
Concen: 98.259 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

Tgt Ion: 106 Resp: 286485
Ion Ratio Lower Upper
106 100
91 197.4 160.3 240.5





#69

o-Xylene

Concen: 49.744 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.006 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

Instrument :

MSVOA_Y

ClientSampleId :

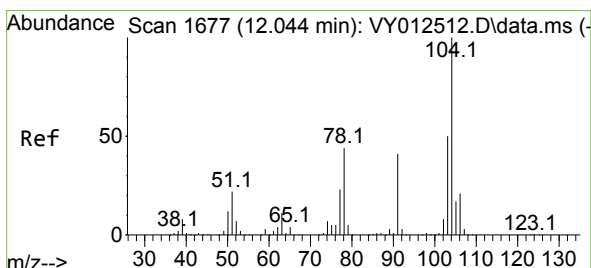
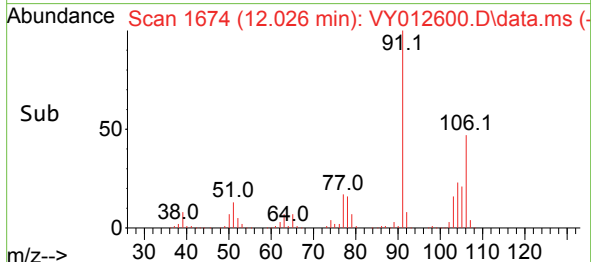
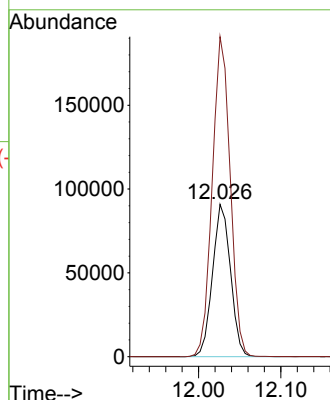
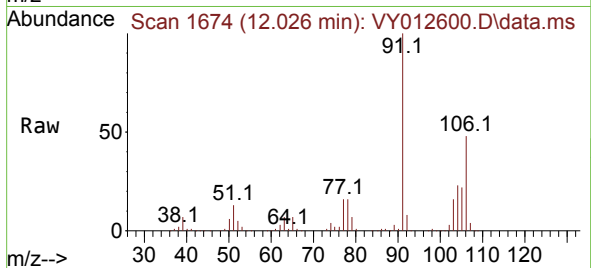
VSTDCCC050EC

Tgt Ion:106 Resp: 138122

Ion Ratio Lower Upper

106 100

91 210.0 104.2 312.5



#70

Styrene

Concen: 51.448 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

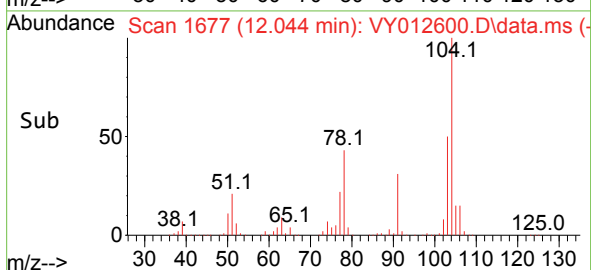
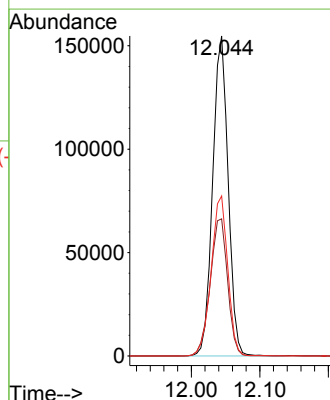
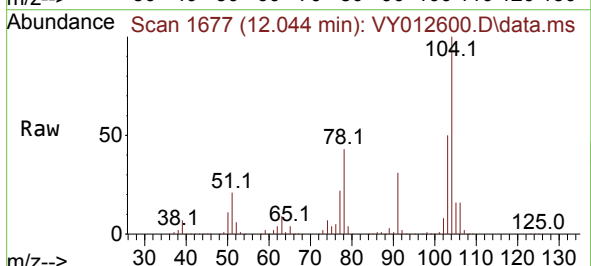
Tgt Ion:104 Resp: 242271

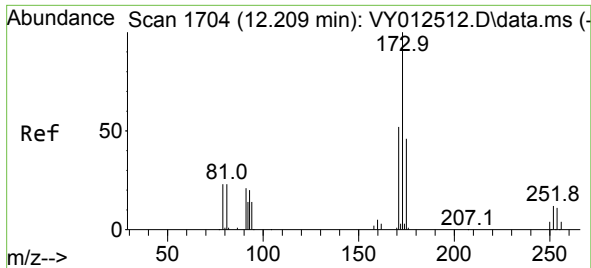
Ion Ratio Lower Upper

104 100

78 48.3 39.4 59.2

103 53.9 43.8 65.8

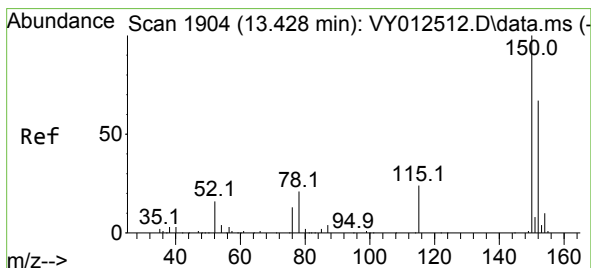
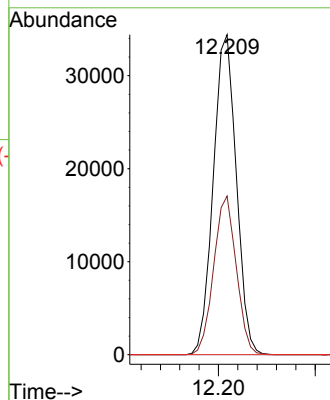
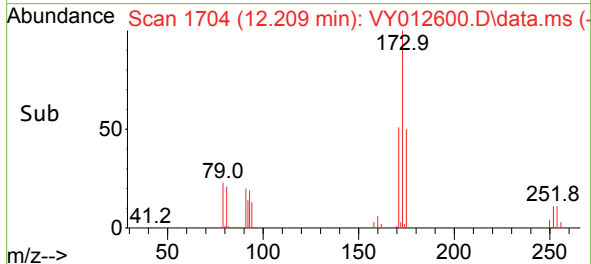
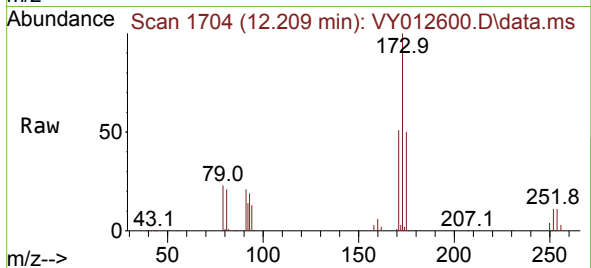




#71
Bromoform
Concen: 55.156 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

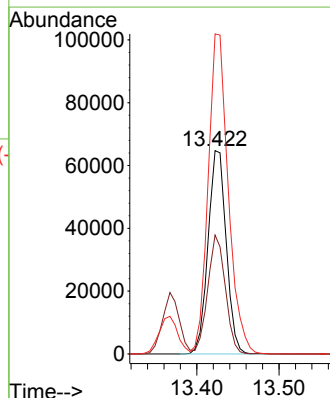
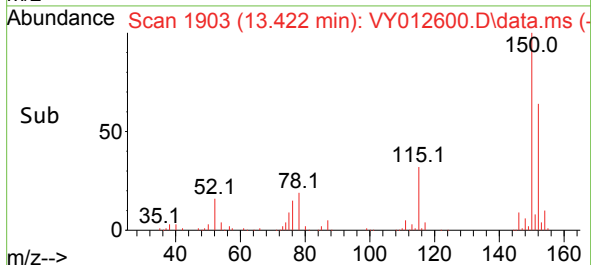
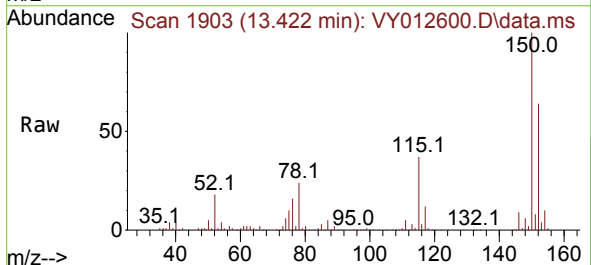
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

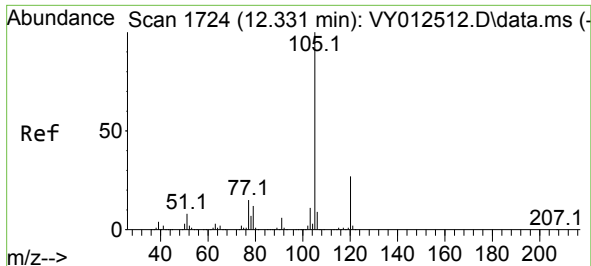
Tgt Ion:173 Resp: 56842
Ion Ratio Lower Upper
173 100
175 48.6 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

Tgt Ion:152 Resp: 99531
Ion Ratio Lower Upper
152 100
115 55.9 28.1 84.3
150 173.9 0.0 351.0

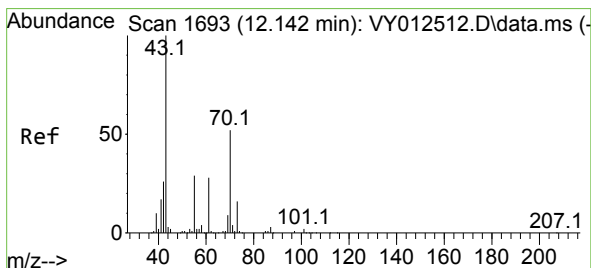
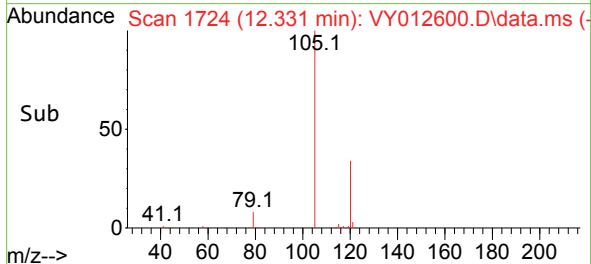
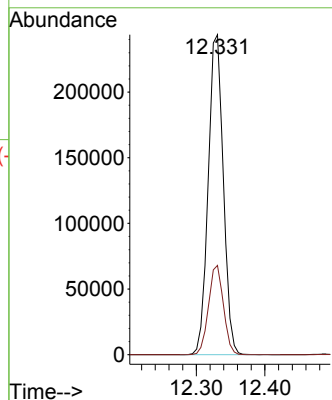
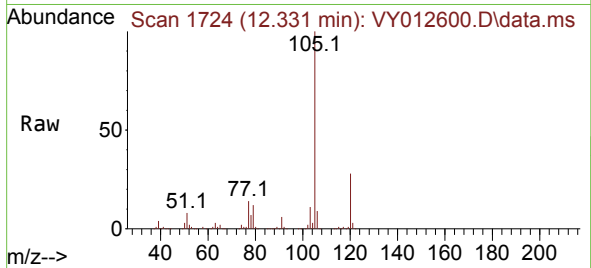




#73
Isopropylbenzene
Concen: 46.356 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

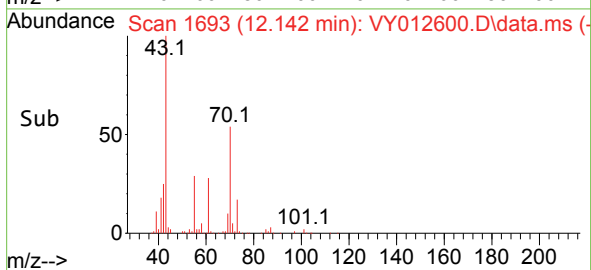
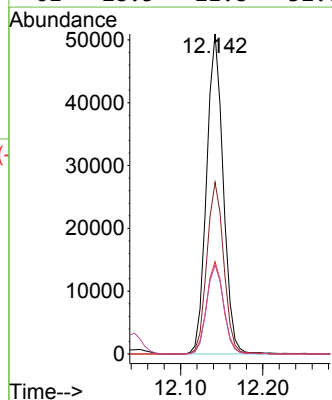
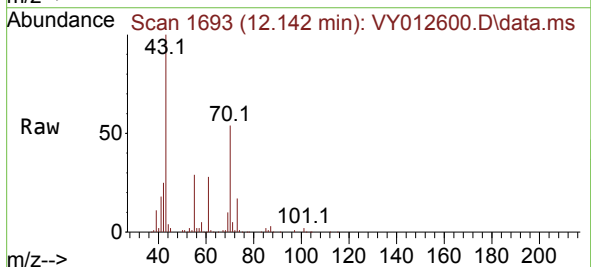
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

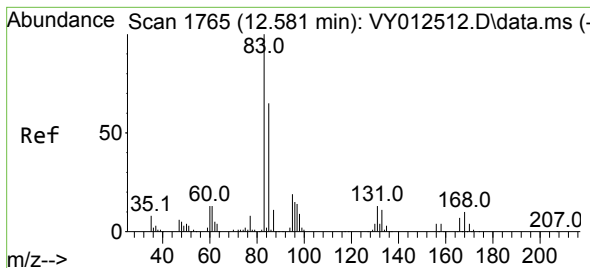
Tgt Ion:105 Resp: 373292
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.2



#74
N-ethyl acetate
Concen: 49.252 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

Tgt Ion: 43 Resp: 71795
Ion Ratio Lower Upper
43 100
70 54.4 41.0 61.6
55 29.5 22.9 34.3
61 28.5 21.8 32.6

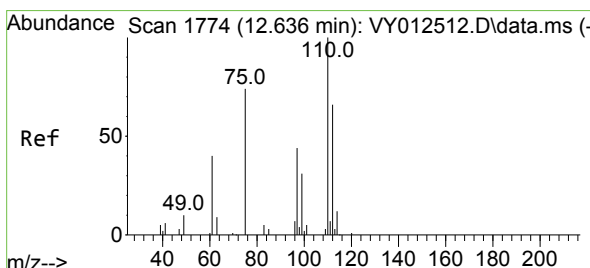
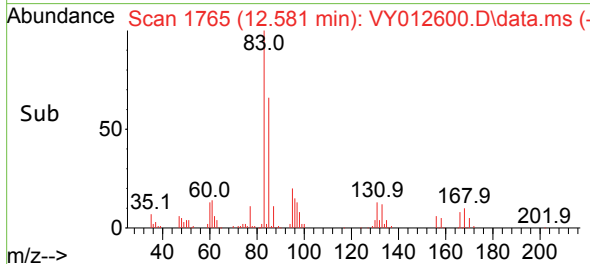
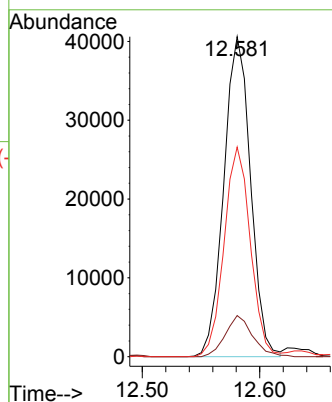
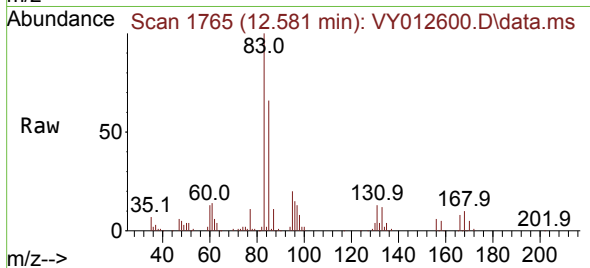




#75
1,1,2,2-Tetrachloroethane
Concen: 49.247 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

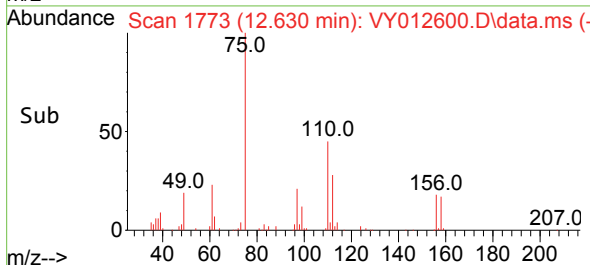
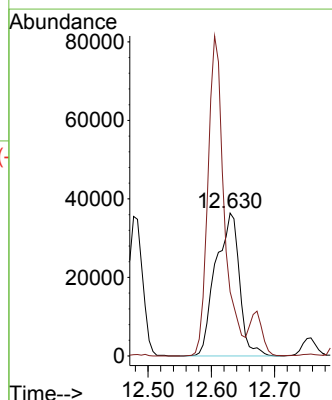
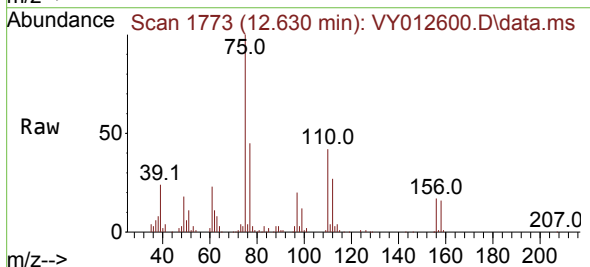
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

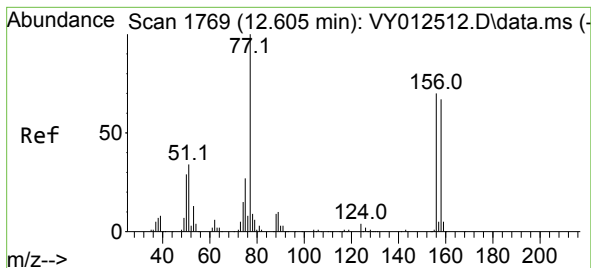
Tgt Ion: 83 Resp: 64124
Ion Ratio Lower Upper
83 100
131 13.1 6.5 19.4
85 64.4 33.0 99.0



#76
1,2,3-Trichloropropane
Concen: 85.472 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

Tgt Ion: 75 Resp: 95045
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.922 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

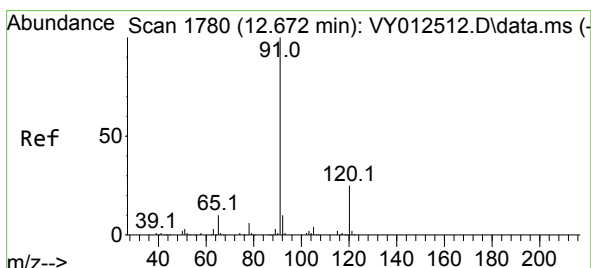
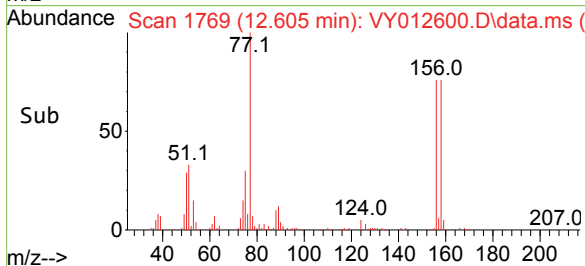
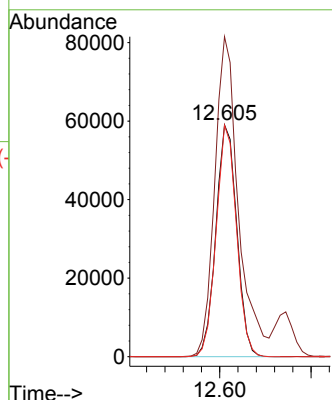
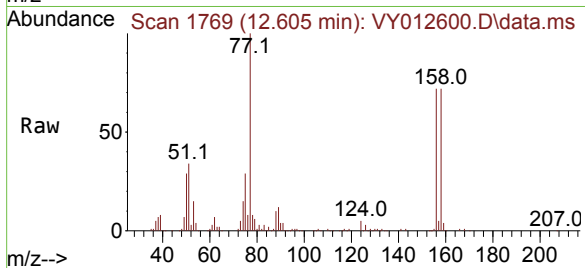
Tgt Ion:156 Resp: 93532

Ion Ratio Lower Upper

156 100

77 156.9 80.6 241.8

158 97.3 49.1 147.3



#78

n-propylbenzene

Concen: 45.445 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012600.D

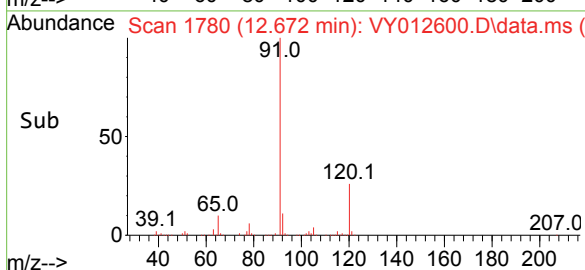
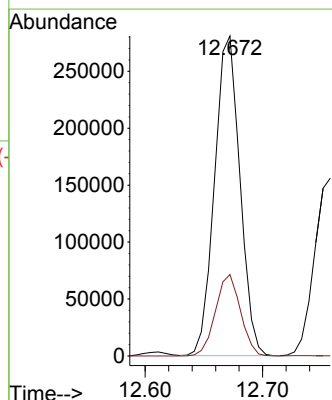
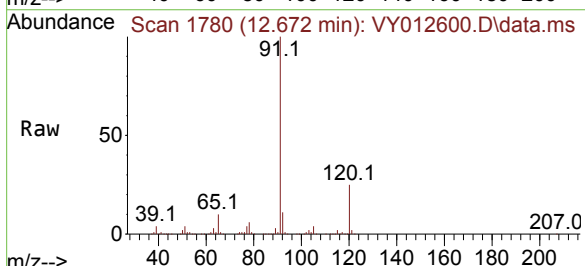
Acq: 14 Feb 2023 20:05

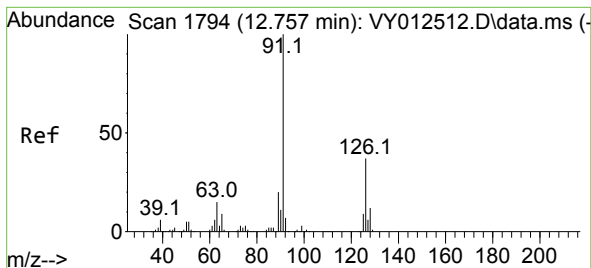
Tgt Ion: 91 Resp: 421210

Ion Ratio Lower Upper

91 100

120 25.1 12.4 37.4





#79

2-Chlorotoluene

Concen: 46.584 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

Instrument :

MSVOA_Y

ClientSampleId :

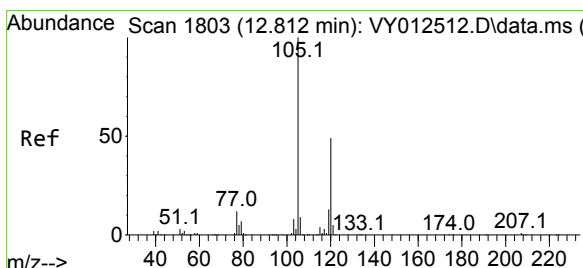
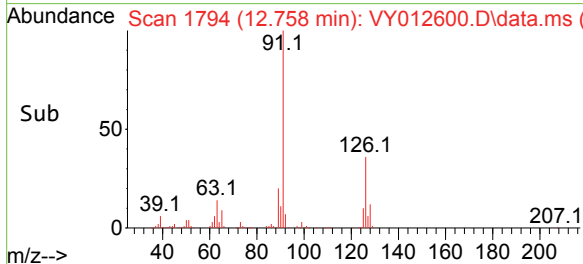
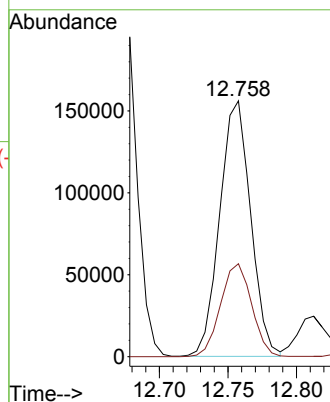
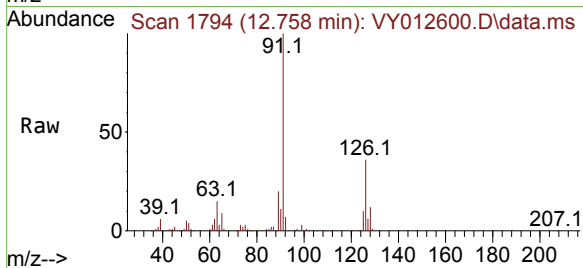
VSTDCCC050EC

Tgt Ion: 91 Resp: 245104

Ion Ratio Lower Upper

91 100

126 36.6 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 46.958 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY012600.D

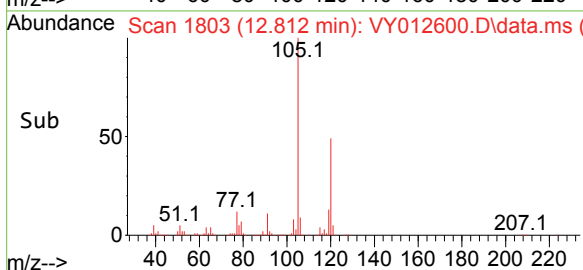
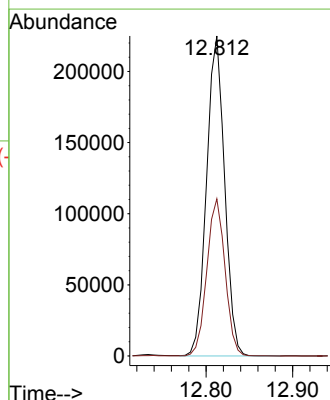
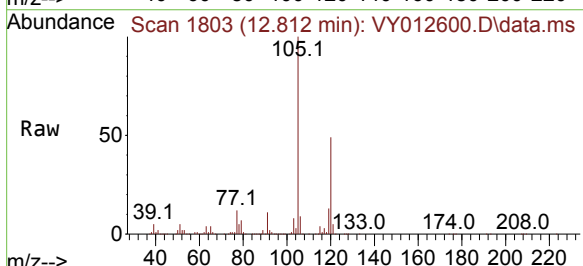
Acq: 14 Feb 2023 20:05

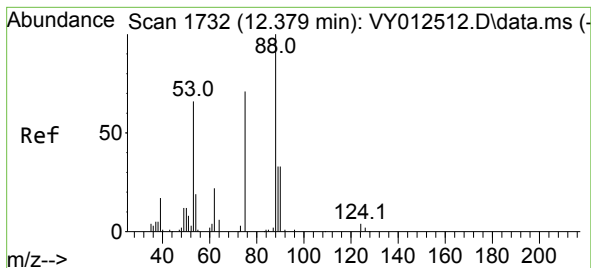
Tgt Ion: 105 Resp: 325516

Ion Ratio Lower Upper

105 100

120 49.5 24.6 74.0

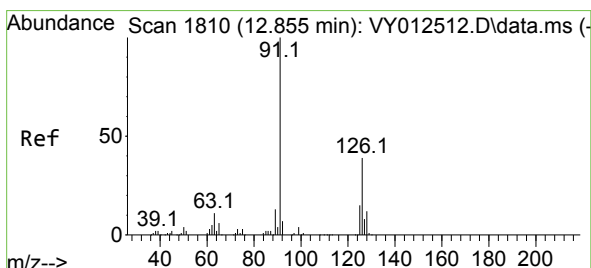
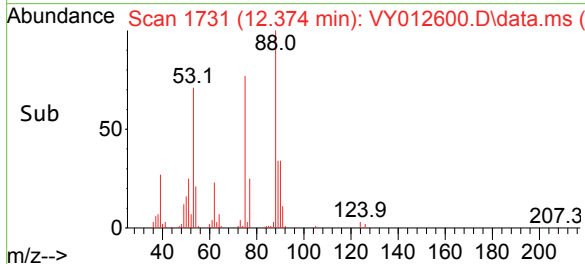
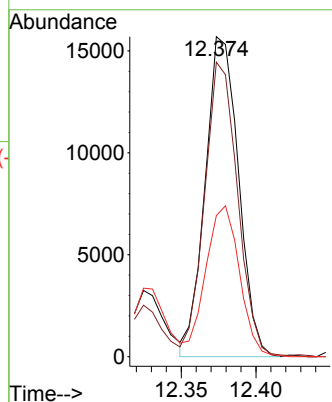
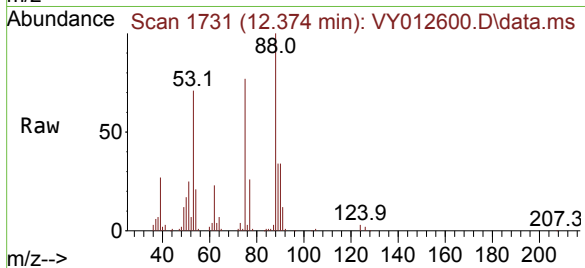




#81
trans-1,4-Dichloro-2-butene
Concen: 49.443 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

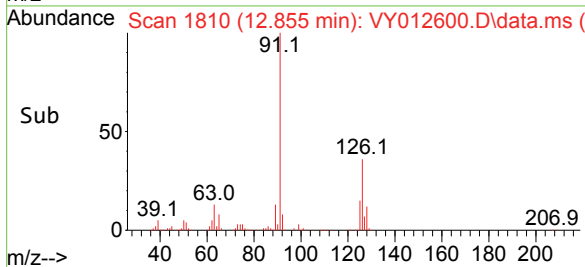
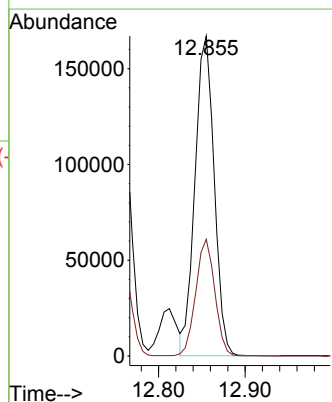
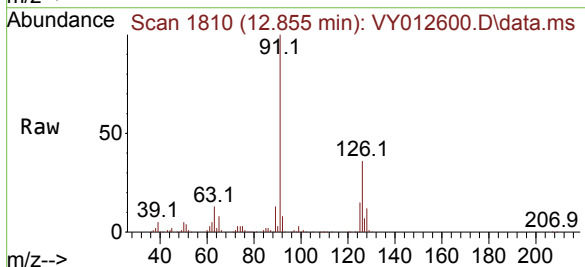
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

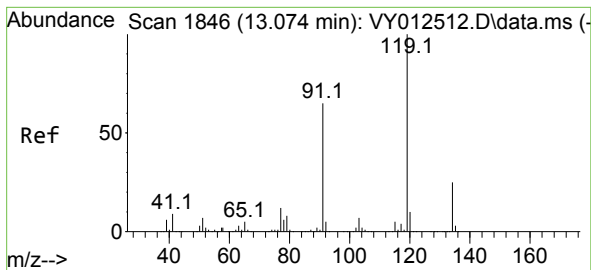
Tgt Ion: 75 Resp: 24381
Ion Ratio Lower Upper
75 100
53 91.1 73.1 109.7
89 48.0 39.9 59.9



#82
4-Chlorotoluene
Concen: 46.515 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012600.D
Acq: 14 Feb 2023 20:05

Tgt Ion: 91 Resp: 256734
Ion Ratio Lower Upper
91 100
126 36.3 18.1 54.3





#83

tert-Butylbenzene

Concen: 47.193 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

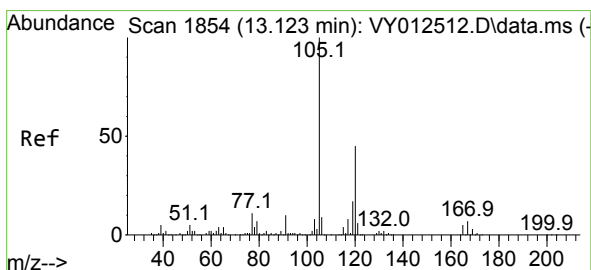
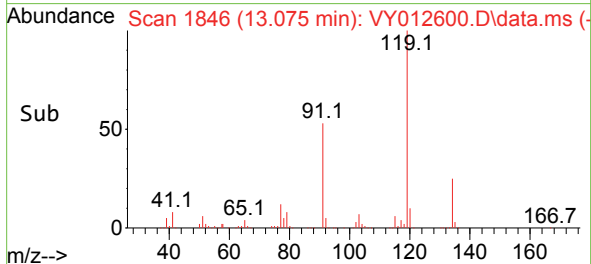
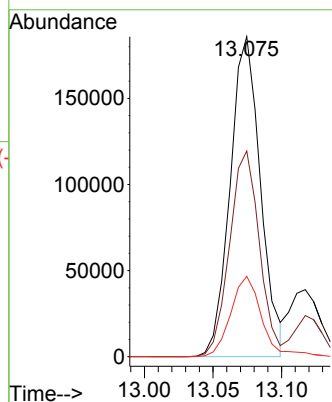
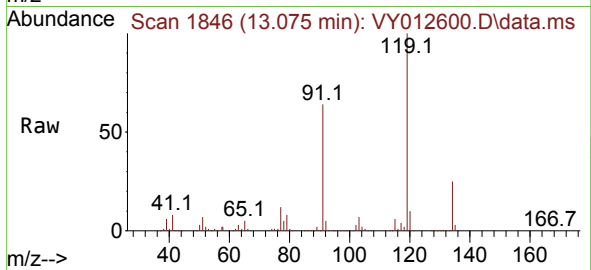
Tgt Ion:119 Resp: 286881

Ion Ratio Lower Upper

119 100

91 63.1 33.0 99.0

134 25.7 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 47.502 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY012600.D

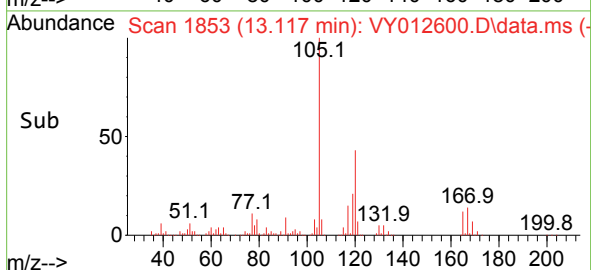
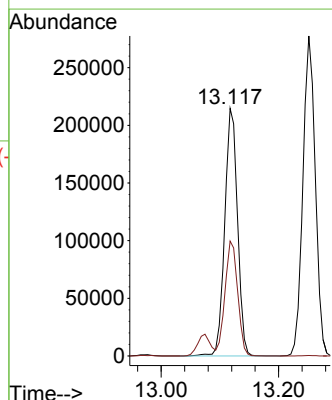
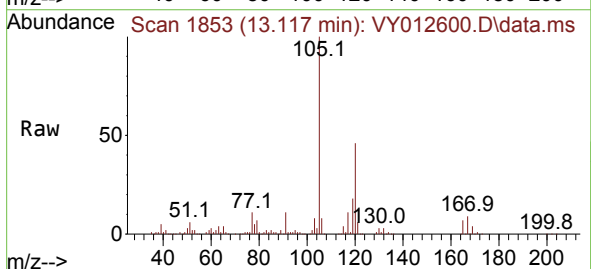
Acq: 14 Feb 2023 20:05

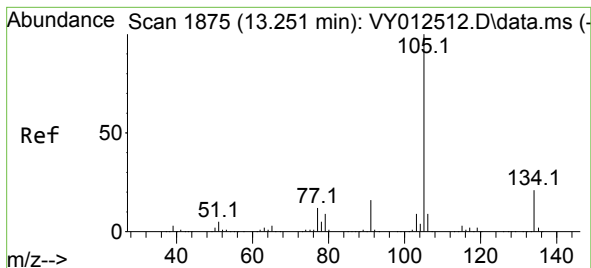
Tgt Ion:105 Resp: 324006

Ion Ratio Lower Upper

105 100

120 46.0 22.8 68.3





#85

sec-Butylbenzene

Concen: 46.641 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

Instrument :

MSVOA_Y

ClientSampleId :

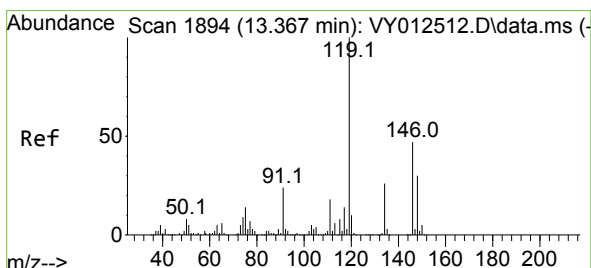
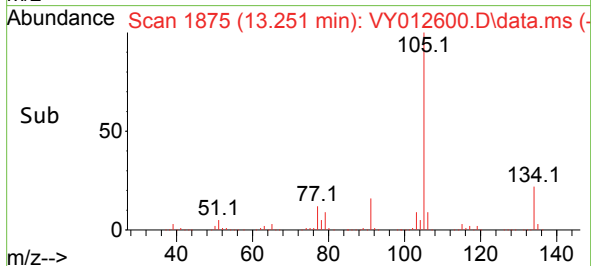
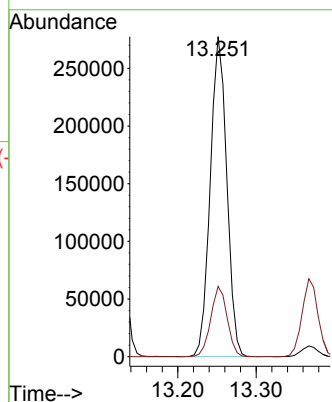
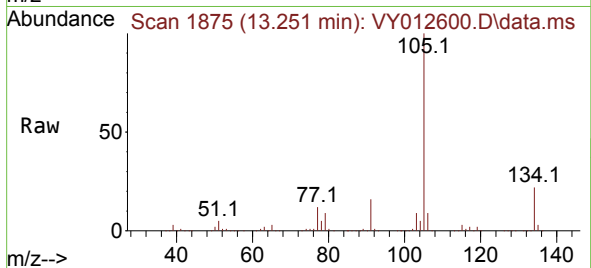
VSTDCCC050EC

Tgt Ion:105 Resp: 405613

Ion Ratio Lower Upper

105 100

134 21.8 10.8 32.3



#86

p-Isopropyltoluene

Concen: 47.084 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

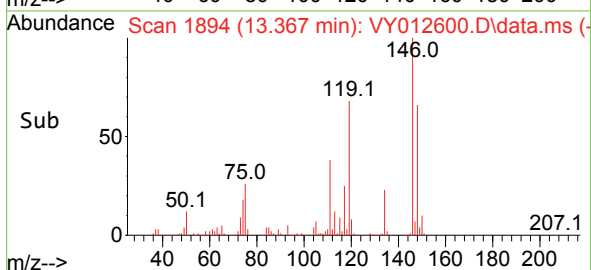
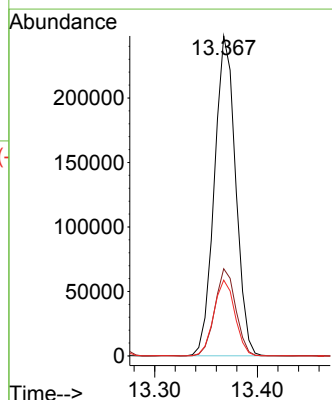
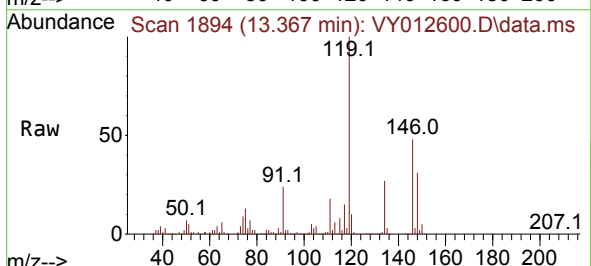
Tgt Ion:119 Resp: 355219

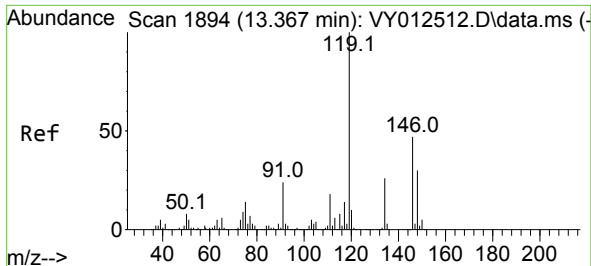
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 23.6 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 47.610 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

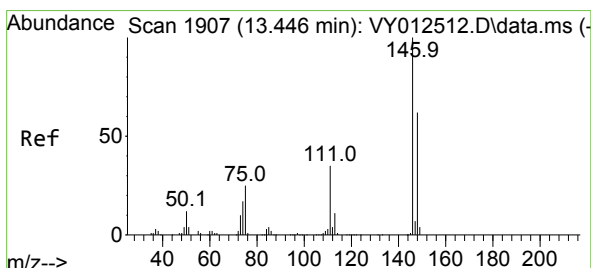
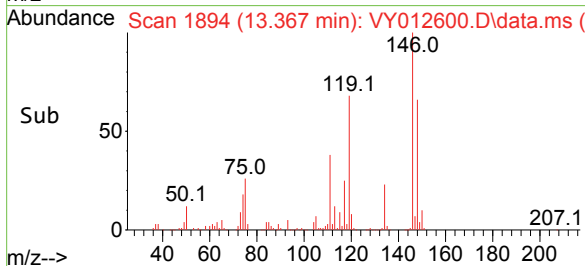
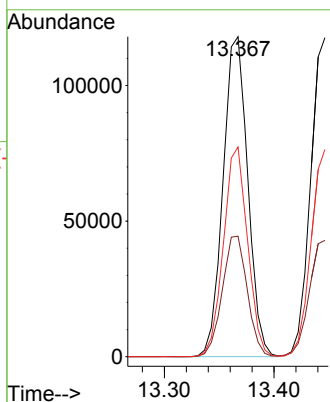
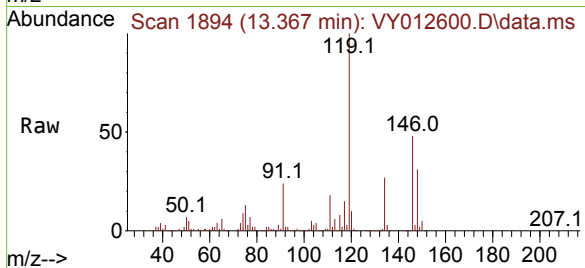
Tgt Ion:146 Resp: 184891

Ion Ratio Lower Upper

146 100

111 38.2 19.3 57.9

148 64.0 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 46.950 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

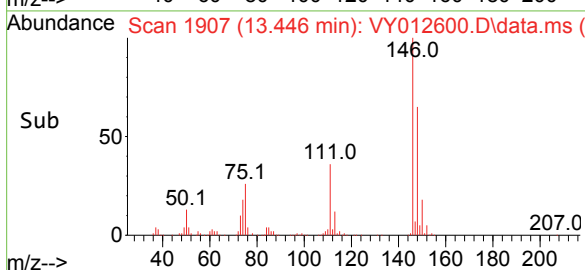
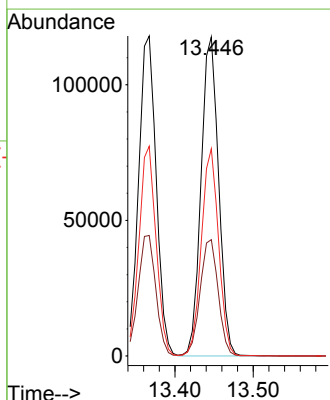
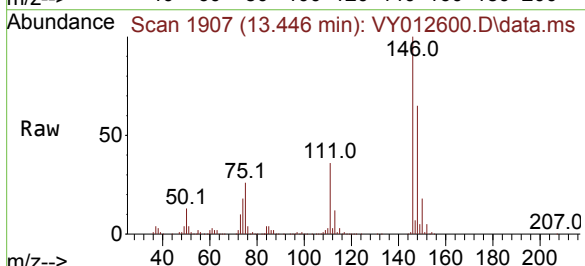
Tgt Ion:146 Resp: 182633

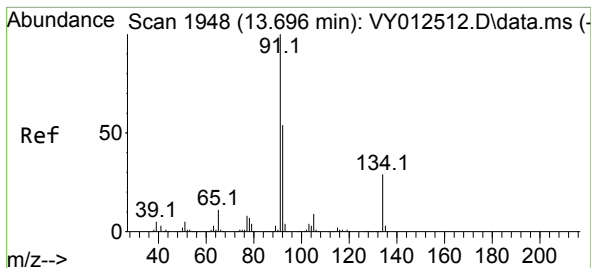
Ion Ratio Lower Upper

146 100

111 37.6 18.4 55.2

148 63.7 31.6 95.0





#89

n-Butylbenzene

Concen: 46.151 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

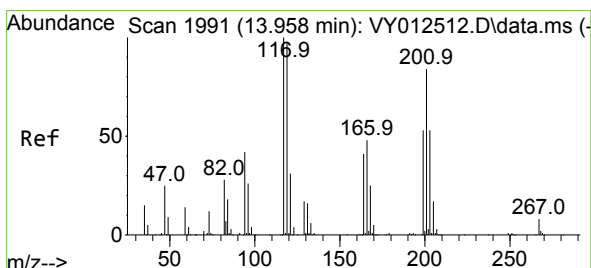
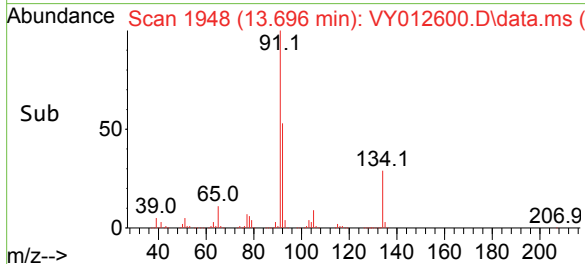
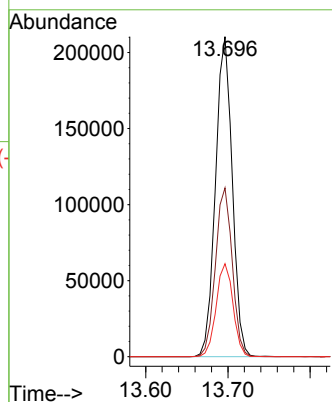
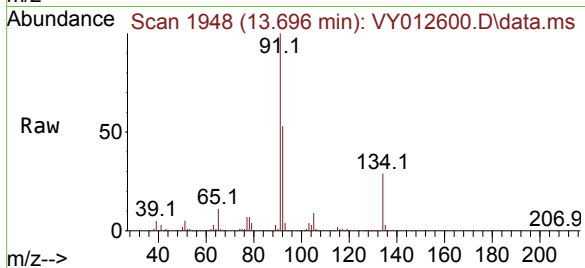
Tgt Ion: 91 Resp: 297575

Ion Ratio Lower Upper

91 100

92 53.0 26.6 79.7

134 29.3 14.5 43.5



#90

Hexachloroethane

Concen: 46.585 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY012600.D

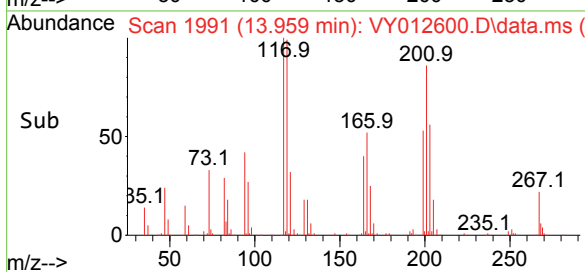
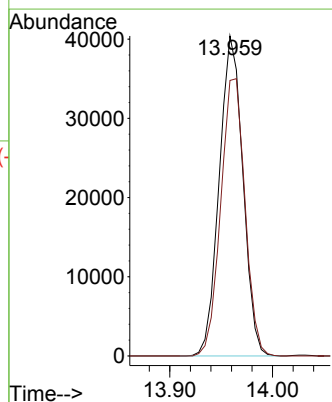
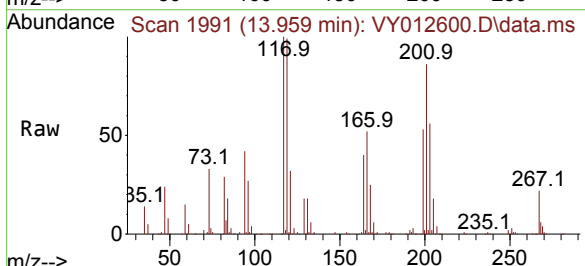
Acq: 14 Feb 2023 20:05

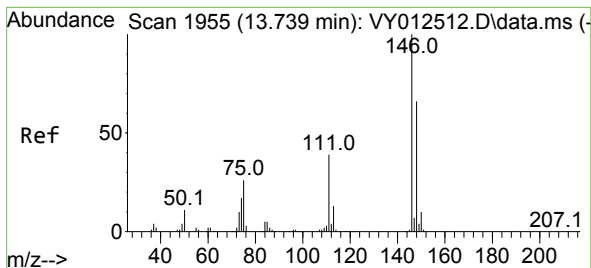
Tgt Ion: 117 Resp: 64510

Ion Ratio Lower Upper

117 100

201 88.8 43.9 131.7





#91

1,2-Dichlorobenzene

Concen: 49.076 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

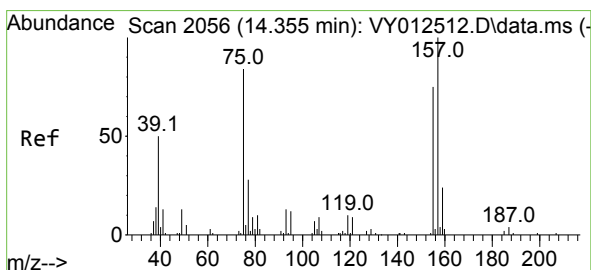
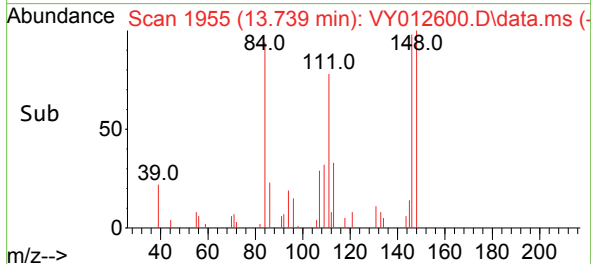
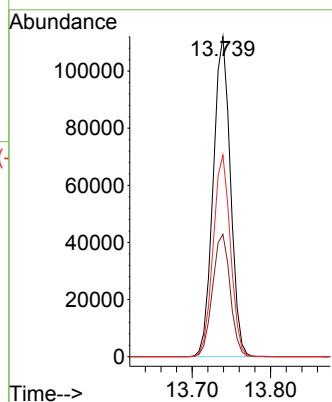
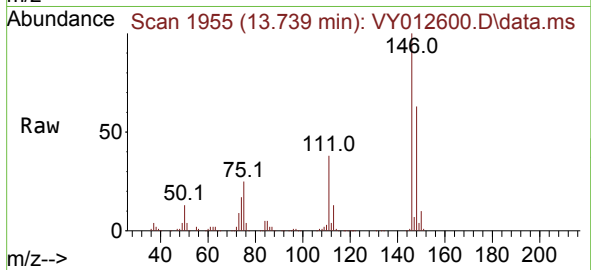
Tgt Ion:146 Resp: 171447

Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.1

148 63.2 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.799 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

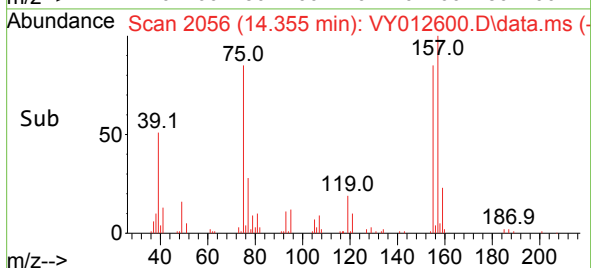
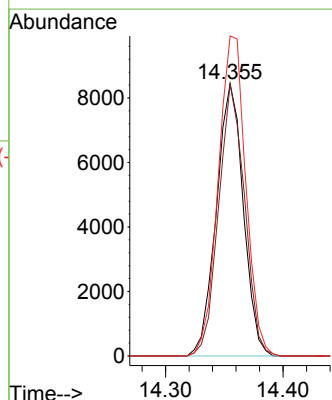
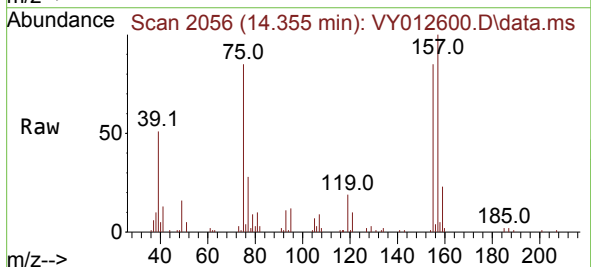
Tgt Ion: 75 Resp: 13422

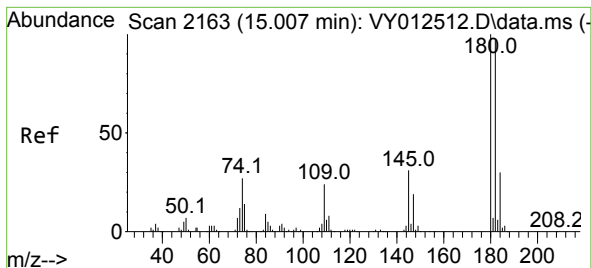
Ion Ratio Lower Upper

75 100

155 96.1 46.5 139.3

157 120.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 49.955 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

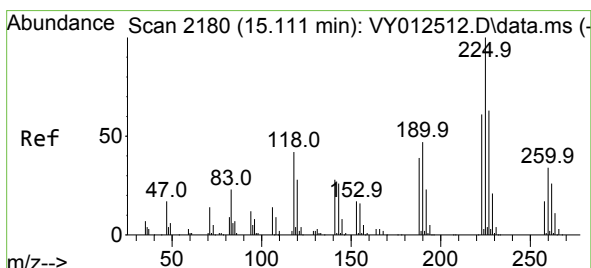
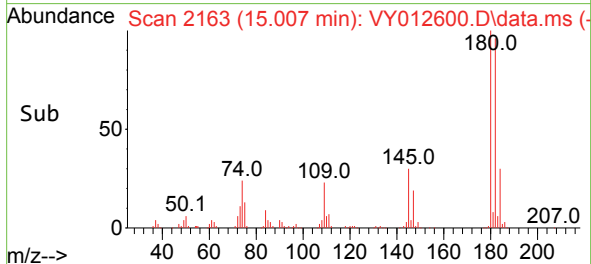
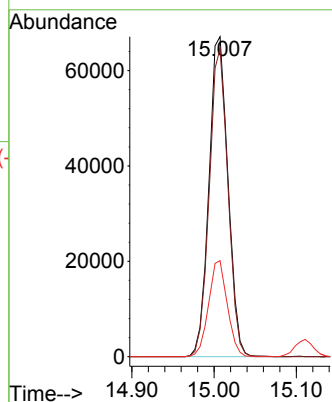
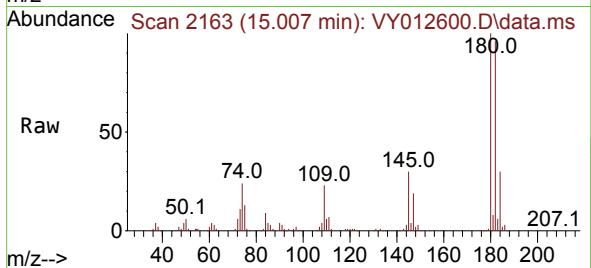
Tgt Ion:180 Resp: 108135

Ion Ratio Lower Upper

180 100

182 94.1 47.7 143.1

145 29.6 15.4 46.4



#94

Hexachlorobutadiene

Concen: 47.146 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

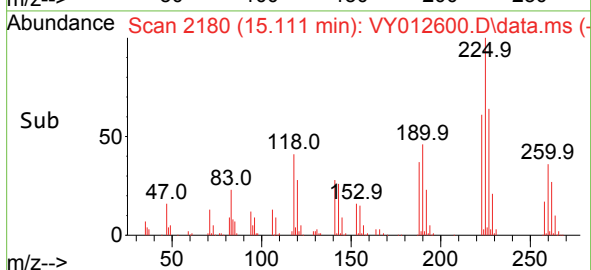
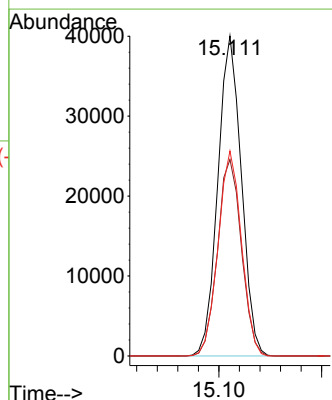
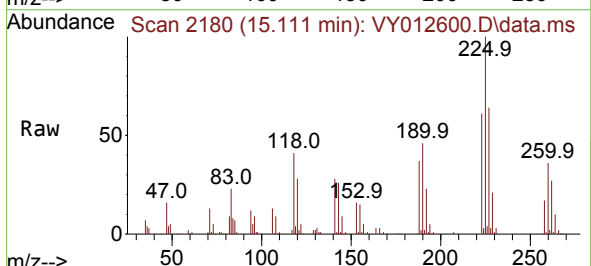
Tgt Ion:225 Resp: 63398

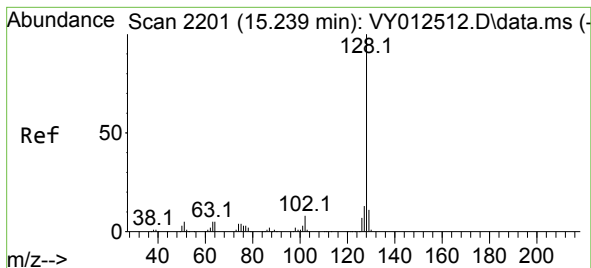
Ion Ratio Lower Upper

225 100

223 62.6 31.1 93.3

227 63.7 31.9 95.5





#95

Naphthalene

Concen: 55.110 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

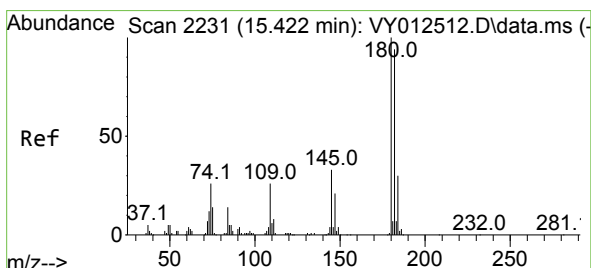
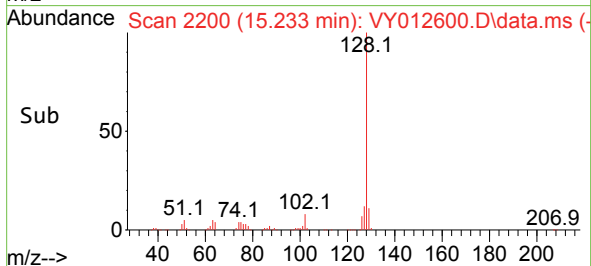
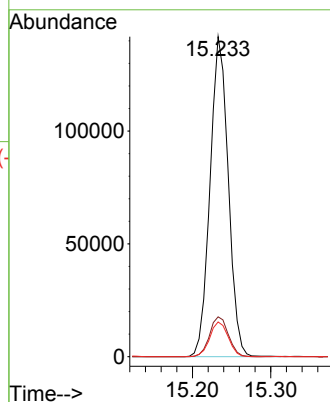
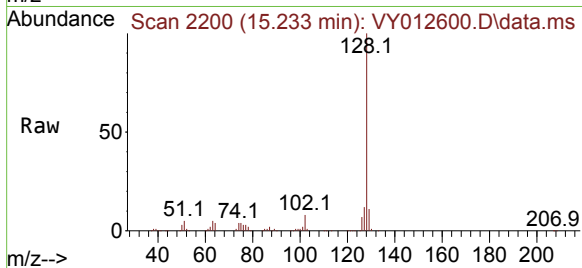
Tgt Ion:128 Resp: 229002

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 51.140 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY012600.D

Acq: 14 Feb 2023 20:05

Tgt Ion:180 Resp: 95822

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.2

145 32.0 16.2 48.6

