

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061523\
 Data File : VY014178.D
 Acq On : 15 Jun 2023 10:12
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 16 02:03:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	189707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	289644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	281671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	115429	43.695	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.380%
35) Dibromofluoromethane	7.710	113	103880	50.572	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.140%
50) Toluene-d8	10.179	98	335775	43.724	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.440%
62) 4-Bromofluorobenzene	12.483	95	135899	49.817	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	90679	42.890	ug/l	98
3) Chloromethane	2.113	50	119170	44.453	ug/l	98
4) Vinyl Chloride	2.247	62	117168	44.954	ug/l	96
5) Bromomethane	2.643	94	91994	42.778	ug/l	95
6) Chloroethane	2.790	64	77252	43.619	ug/l	92
7) Trichlorofluoromethane	3.119	101	195486	46.167	ug/l	98
8) Diethyl Ether	3.527	74	66795	47.243	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	100270	46.921	ug/l	99
10) Methyl Iodide	4.088	142	128599	45.573	ug/l	98
11) Tert butyl alcohol	4.948	59	88431	292.652	ug/l #	97
12) 1,1-Dichloroethene	3.869	96	100243	46.280	ug/l	99
13) Acrolein	3.723	56	41072	333.618	ug/l	99
14) Allyl chloride	4.472	41	186517	47.505	ug/l	98
15) Acrylonitrile	5.155	53	190645	261.417	ug/l	100
16) Acetone	3.942	43	220849	277.347	ug/l	100
17) Carbon Disulfide	4.192	76	330852	47.137	ug/l	97
18) Methyl Acetate	4.472	43	150835	48.801	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	320481	50.166	ug/l	99
20) Methylene Chloride	4.704	84	133386	52.660	ug/l	96
21) trans-1,2-Dichloroethene	5.210	96	118835	49.189	ug/l	96
22) Diisopropyl ether	6.112	45	388975	51.743	ug/l	96
23) Vinyl Acetate	6.051	43	1155021	260.407	ug/l	99
24) 1,1-Dichloroethane	6.009	63	214965	49.596	ug/l	99
25) 2-Butanone	6.978	43	281445	287.130	ug/l	99
26) 2,2-Dichloropropane	6.972	77	200646	49.287	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	138395	51.209	ug/l	98
28) Bromochloromethane	7.332	49	88589	50.260	ug/l	99
29) Tetrahydrofuran	7.344	42	170117	273.696	ug/l	99
30) Chloroform	7.502	83	233058	50.684	ug/l	97
31) Cyclohexane	7.783	56	167802	47.417	ug/l	99
32) 1,1,1-Trichloroethane	7.697	97	203326	49.027	ug/l	100
36) 1,1-Dichloropropene	7.917	75	154716	48.313	ug/l	100
37) Ethyl Acetate	7.063	43	119067	53.887	ug/l	99
38) Carbon Tetrachloride	7.899	117	181541	49.125	ug/l	99
39) Methylcyclohexane	9.185	83	169377	47.671	ug/l	98
40) Benzene	8.155	78	465943	48.931	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	164209	145.619	ug/l #	40
42) 1,2-Dichloroethane	8.234	62	167158	49.640	ug/l	100
43) Isopropyl Acetate	8.271	43	189341	48.891	ug/l	98
44) Trichloroethene	8.941	130	122073	47.981	ug/l	94
45) 1,2-Dichloropropane	9.215	63	117010	48.377	ug/l	95
46) Dibromomethane	9.301	93	72458	48.667	ug/l	99
47) Bromodichloromethane	9.496	83	173764	49.845	ug/l	97
48) Methyl methacrylate	9.289	41	90390	50.042	ug/l	99
49) 1,4-Dioxane	9.295	88	20653	1091.701	ug/l #	57
51) 4-Methyl-2-Pentanone	10.069	43	543257	258.204	ug/l	100
52) Toluene	10.240	92	290455	49.204	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	180631	49.220	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	200827	50.156	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	98058	49.655	ug/l	96
56) Ethyl methacrylate	10.508	69	137704	50.555	ug/l	99
57) 1,3-Dichloropropane	10.788	76	166205	49.210	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	332245	270.344	ug/l	99
59) 2-Hexanone	10.831	43	409172	269.260	ug/l	99
60) Dibromochloromethane	10.983	129	129887	51.389	ug/l	99
61) 1,2-Dibromoethane	11.087	107	97810	50.186	ug/l	99
64) Tetrachloroethene	10.721	164	109917	45.782	ug/l	97
65) Chlorobenzene	11.514	112	321351	47.480	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	126308	47.448	ug/l	100
67) Ethyl Benzene	11.593	91	572775	48.348	ug/l	99
68) m/p-Xylenes	11.703	106	444764	97.605	ug/l	98
69) o-Xylene	12.032	106	211900	49.186	ug/l	99
70) Styrene	12.044	104	365331	49.685	ug/l	100
71) Bromoform	12.209	173	88401	48.489	ug/l	99
73) Isopropylbenzene	12.331	105	539917	46.972	ug/l	100
74) N-amyl acetate	12.142	43	177749	48.799	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	120615	46.961	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	163994	82.959	ug/l #	100
77) Bromobenzene	12.611	156	140766	46.595	ug/l	97
78) n-propylbenzene	12.672	91	660749	47.064	ug/l	100
79) 2-Chlorotoluene	12.758	91	378357	46.837	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	464916	47.238	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	45033	49.243	ug/l	99
82) 4-Chlorotoluene	12.855	91	399131	46.625	ug/l	99
83) tert-Butylbenzene	13.075	119	380947	45.548	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	472085	48.457	ug/l	100
85) sec-Butylbenzene	13.257	105	565985	46.546	ug/l	100
86) p-Isopropyltoluene	13.373	119	485529	46.655	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	270361	46.872	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	267254	45.986	ug/l	100
89) n-Butylbenzene	13.696	91	455795	47.222	ug/l	99
90) Hexachloroethane	13.965	117	95277	45.946	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	245486	47.386	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	21926	44.829	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	151498	46.163	ug/l	100
94) Hexachlorobutadiene	15.117	225	84366	44.528	ug/l	99
95) Naphthalene	15.239	128	301110	45.203	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	133300	44.950	ug/l	98

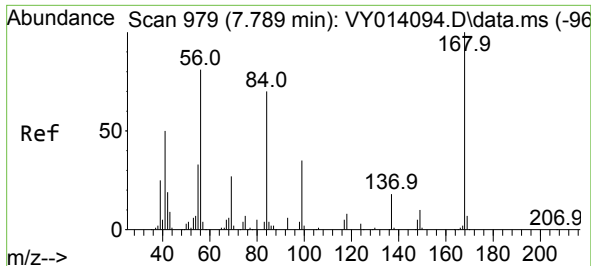
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Response via : Initial Calibration

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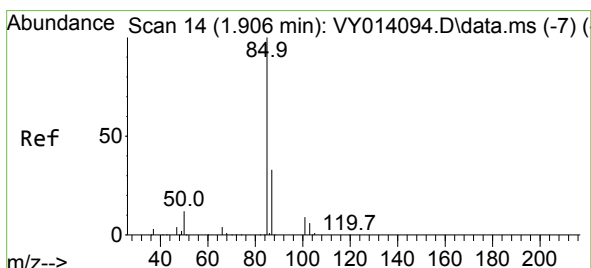
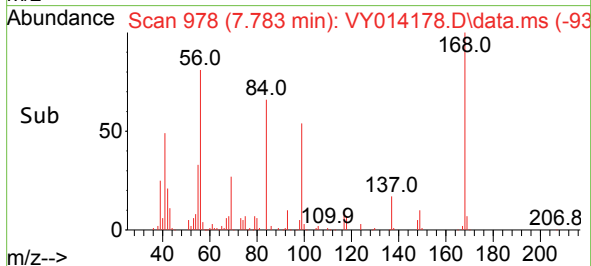
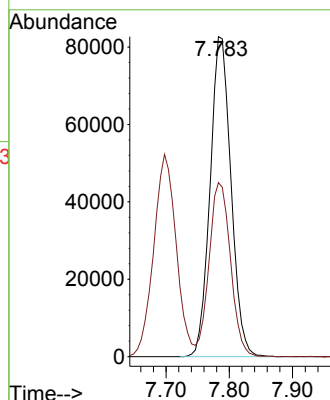
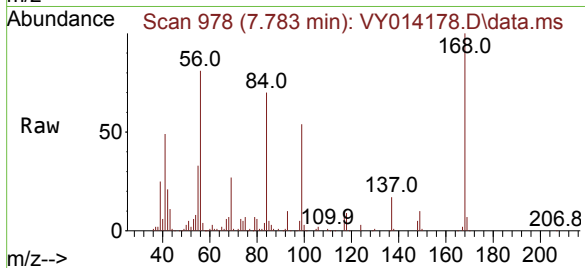
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

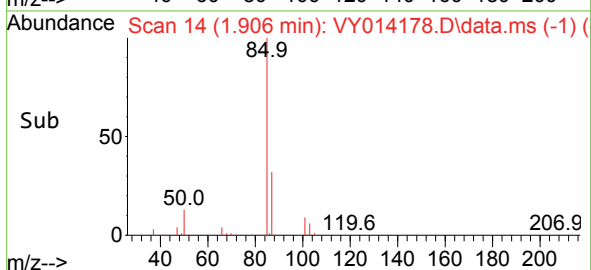
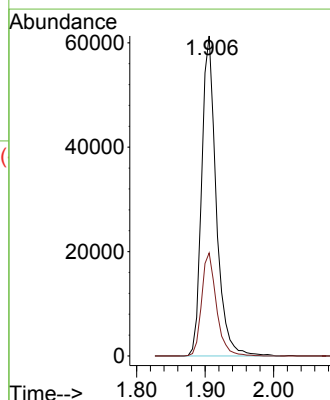
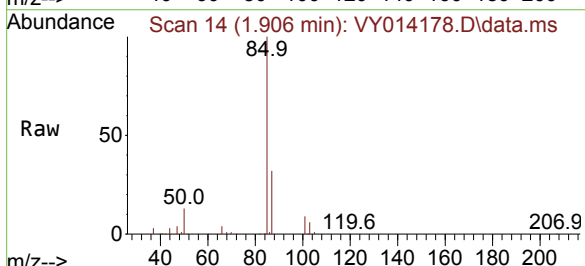
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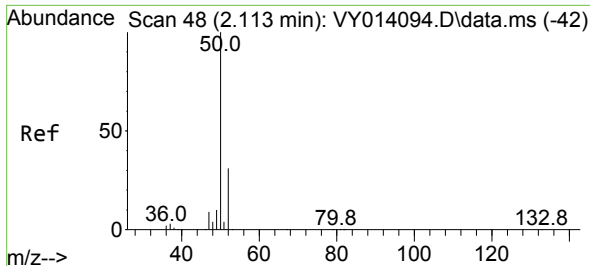
Tgt Ion:168 Resp: 189707
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 42.890 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

Tgt Ion: 85 Resp: 90679
Ion Ratio Lower Upper
85 100
87 32.2 15.6 46.8

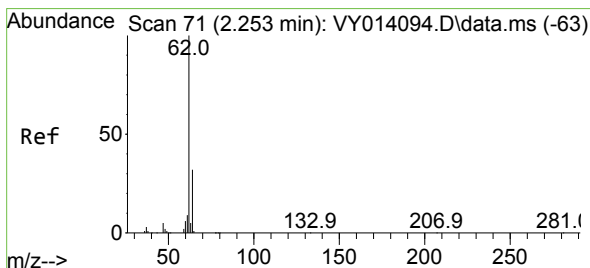
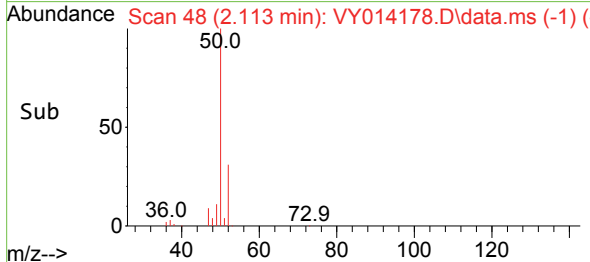
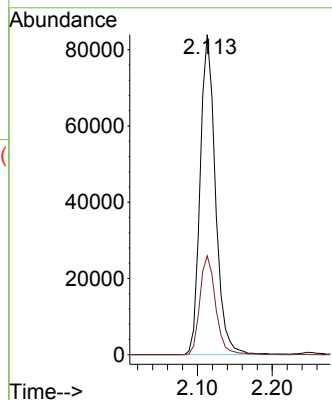
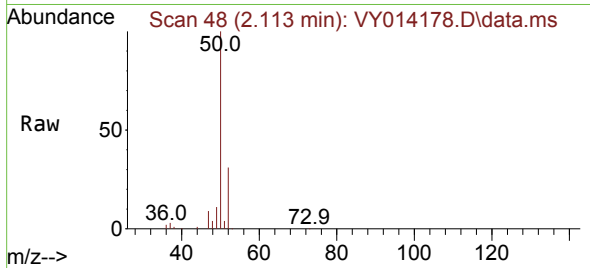




#3
Chloromethane
Concen: 44.453 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

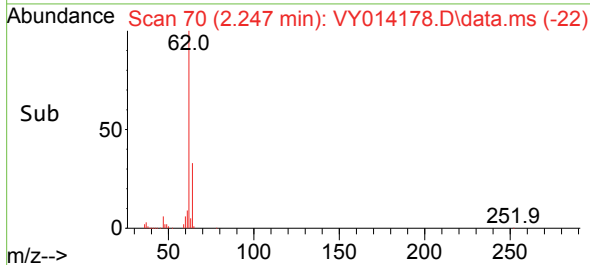
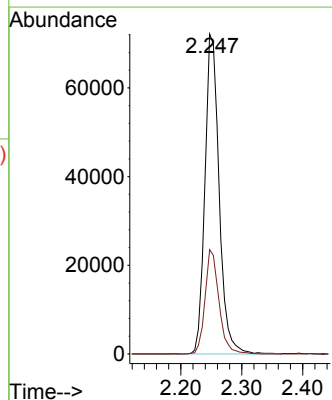
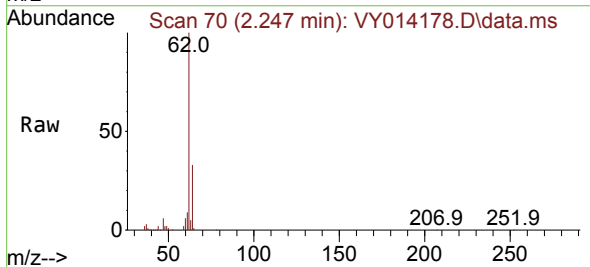
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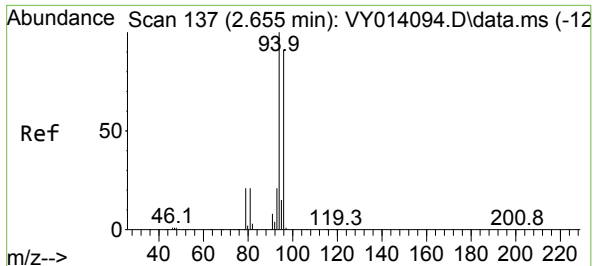
Tgt Ion: 50 Resp: 119170
Ion Ratio Lower Upper
50 100
52 30.9 25.4 38.2



#4
Vinyl Chloride
Concen: 44.954 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

Tgt Ion: 62 Resp: 117168
Ion Ratio Lower Upper
62 100
64 32.6 24.3 36.5

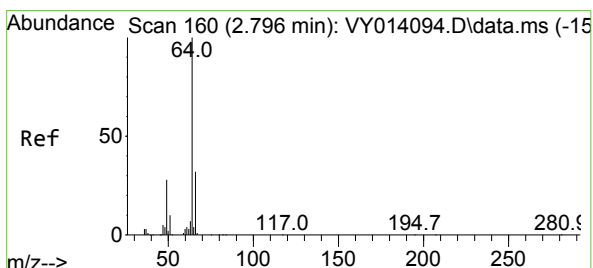
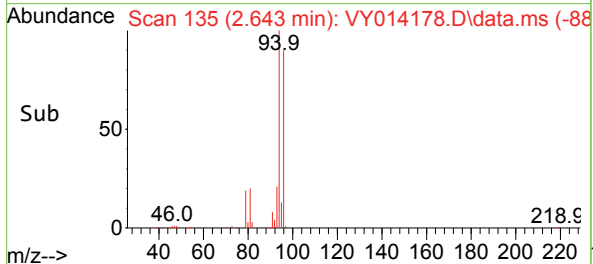
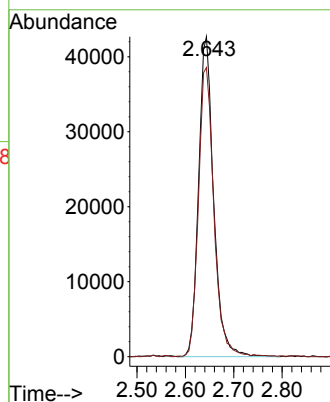
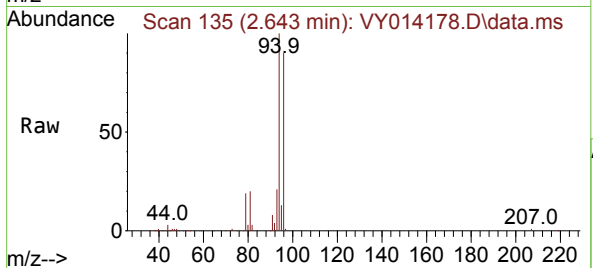




#5
Bromomethane
Concen: 42.778 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

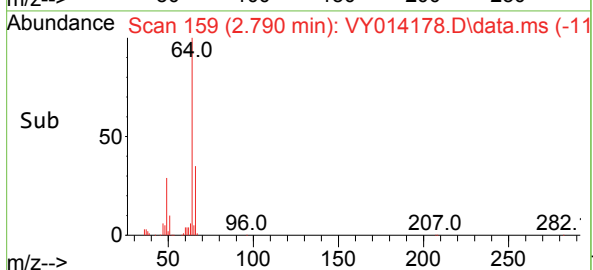
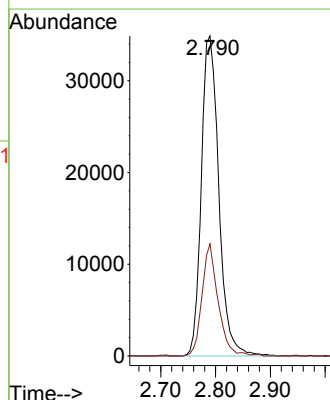
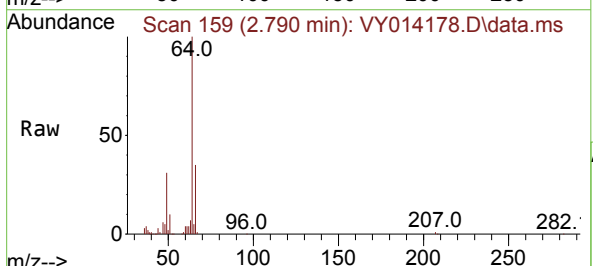
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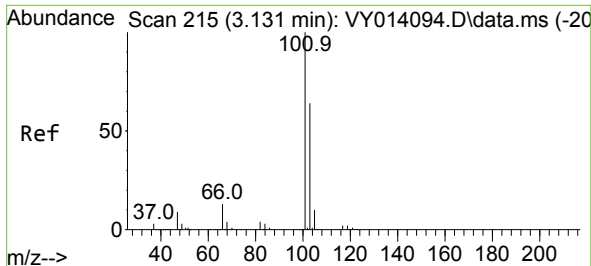
Tgt Ion: 94 Resp: 91994
Ion Ratio Lower Upper
94 100
96 90.1 75.8 113.6



#6
Chloroethane
Concen: 43.619 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY014178.D
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Tgt Ion: 64 Resp: 77252
Ion Ratio Lower Upper
64 100
66 35.1 24.4 36.6

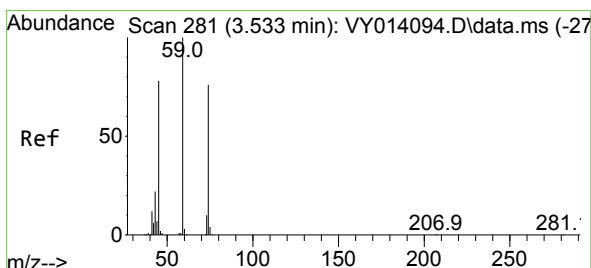
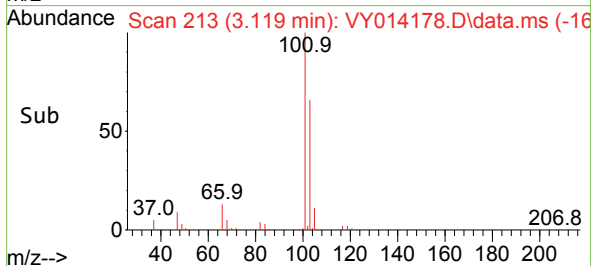
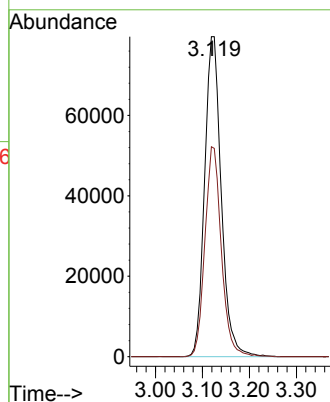
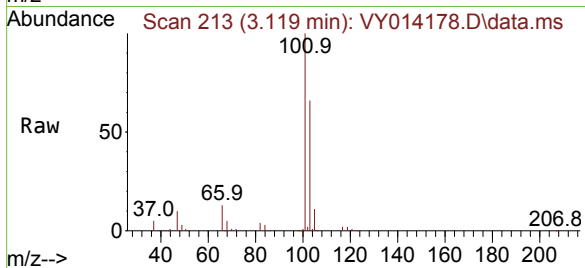




#7
Trichlorofluoromethane
Concen: 46.167 ug/l
RT: 3.119 min Scan# 215
Delta R.T. -0.012 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

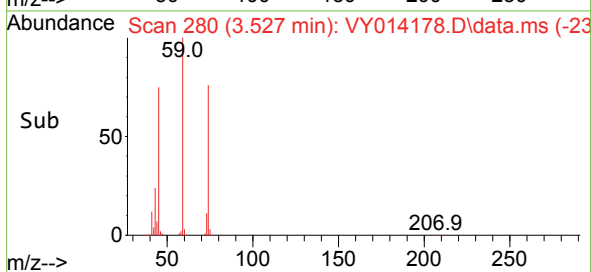
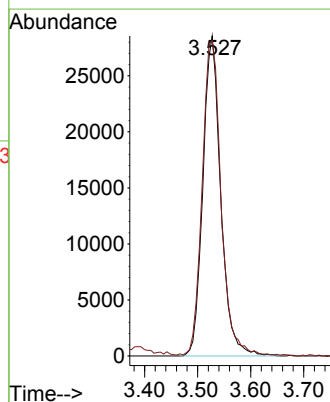
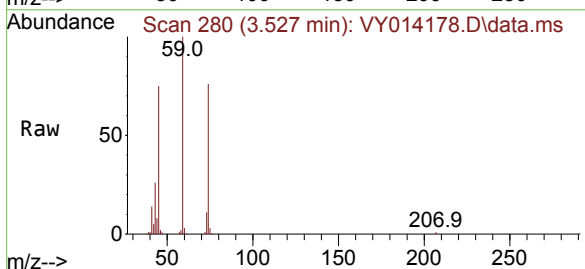
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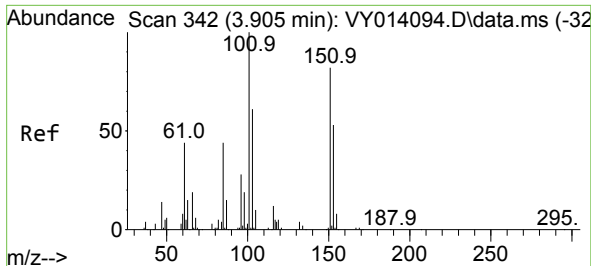
Tgt Ion:101 Resp: 195486
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.0



#8
Diethyl Ether
Concen: 47.243 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

Tgt Ion: 74 Resp: 66795
Ion Ratio Lower Upper
74 100
45 103.9 51.5 154.5

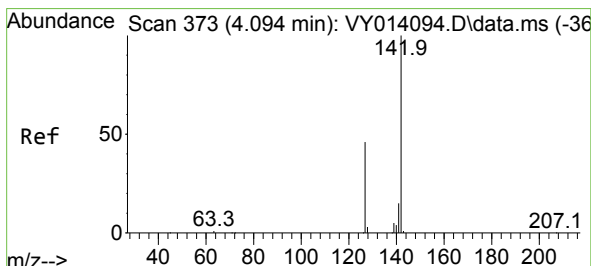
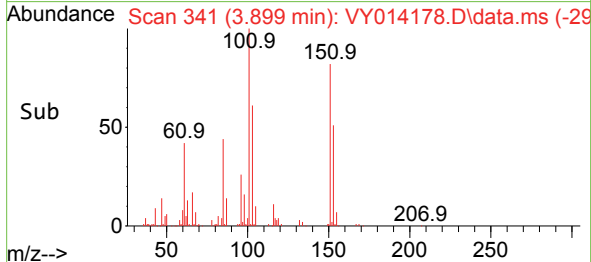
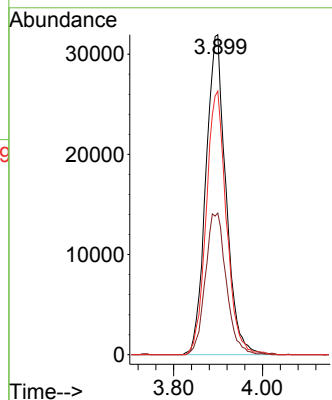
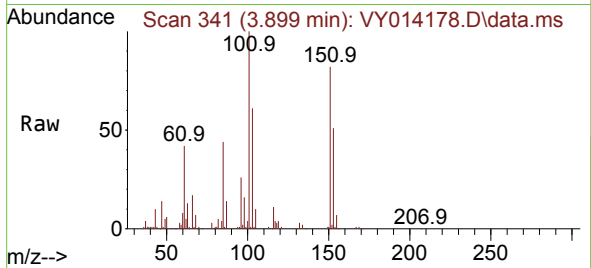




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.921 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY014178.D
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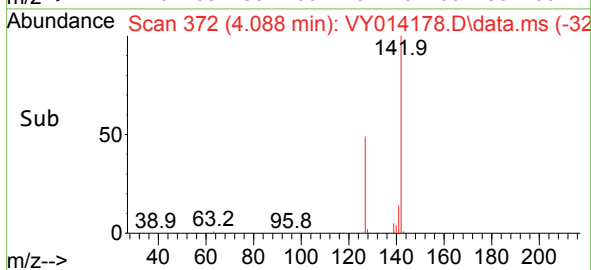
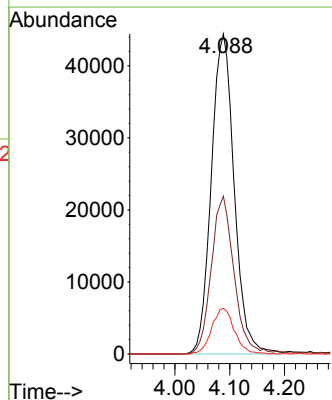
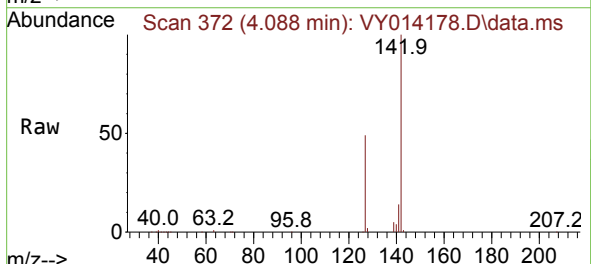
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

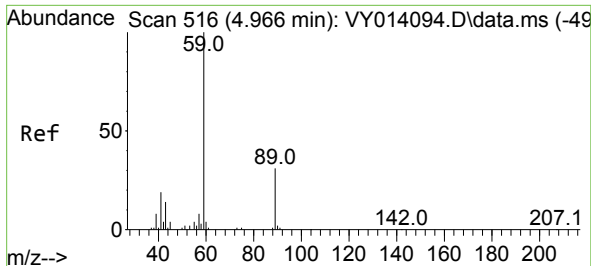
Tgt Ion:101 Resp: 100270
Ion Ratio Lower Upper
101 100
85 46.3 36.6 55.0
151 82.6 67.0 100.6



#10
Methyl Iodide
Concen: 45.573 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

Tgt Ion:142 Resp: 128599
Ion Ratio Lower Upper
142 100
127 48.8 37.6 56.4
141 14.2 11.8 17.8

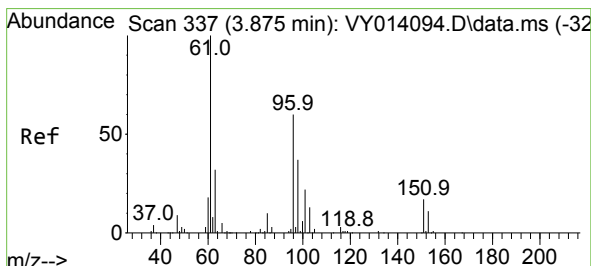
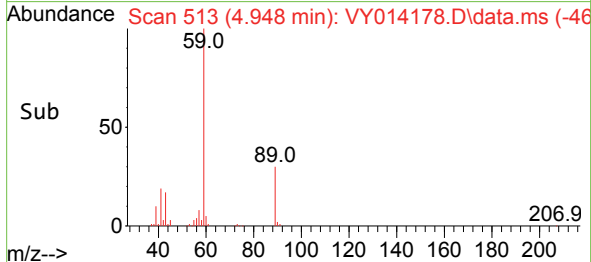
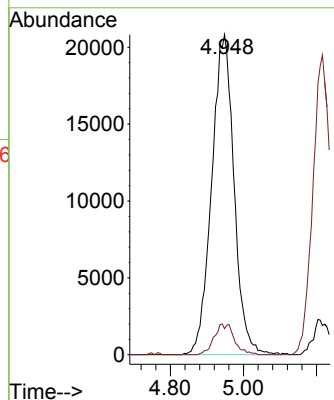
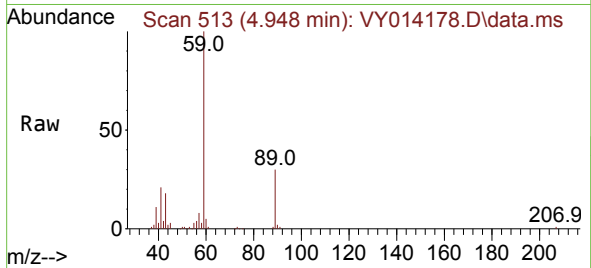




#11
Tert butyl alcohol
Concen: 292.652 ug/l
RT: 4.948 min Scan# 516
Delta R.T. -0.018 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

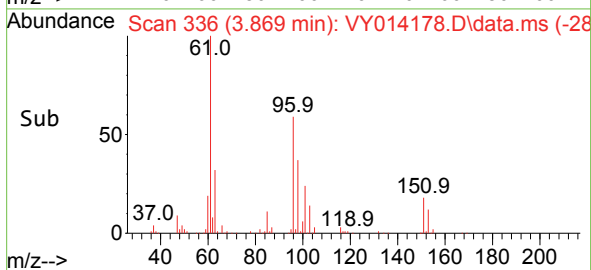
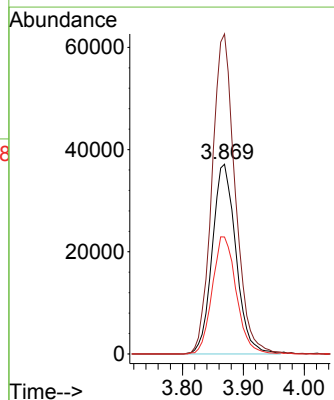
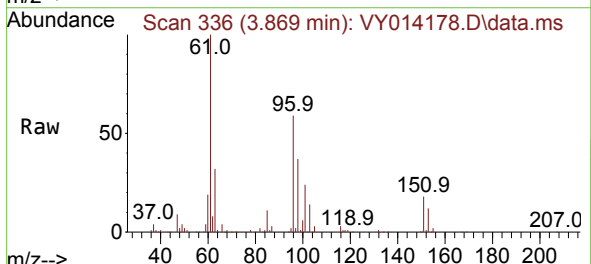
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

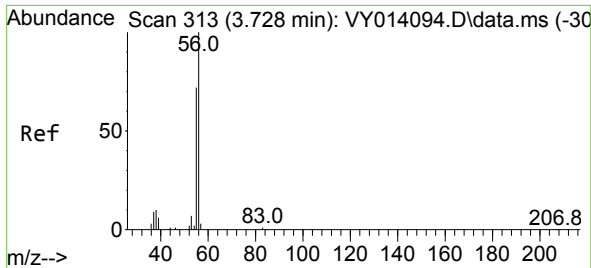
Tgt Ion: 59 Resp: 88431
Ion Ratio Lower Upper
59 100
57 4.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 46.280 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

Tgt Ion: 96 Resp: 100243
Ion Ratio Lower Upper
96 100
61 168.6 136.4 204.6
98 61.6 49.4 74.2

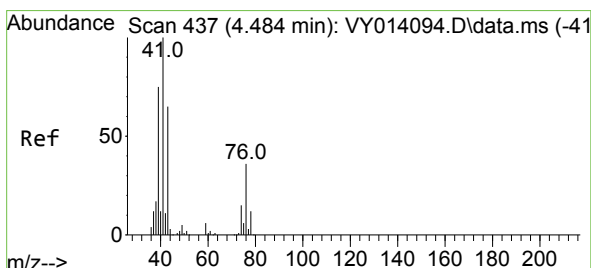
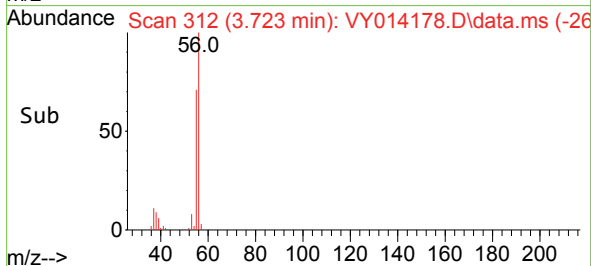
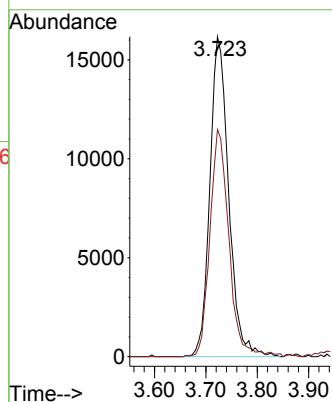
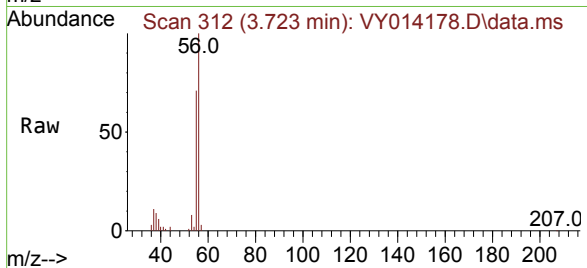




#13
Acrolein
Concen: 333.618 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.005 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

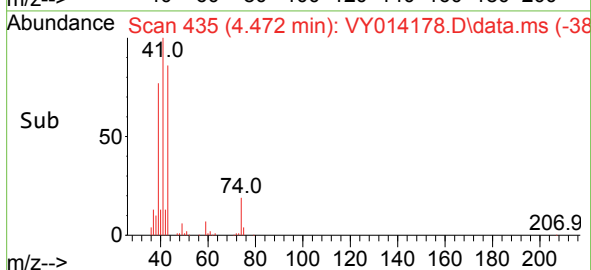
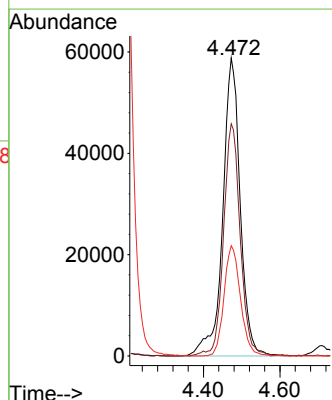
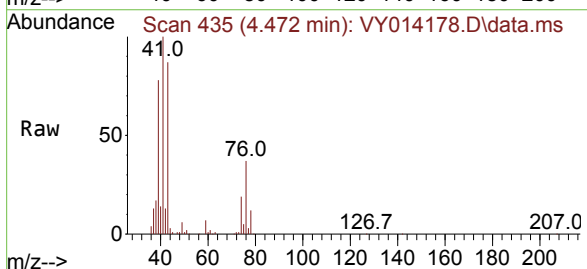
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

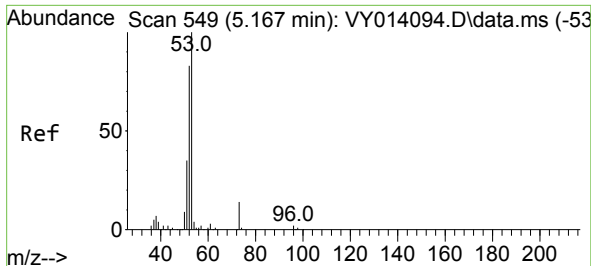
Tgt Ion: 56 Resp: 41072
Ion Ratio Lower Upper
56 100
55 71.7 57.0 85.4



#14
Allyl chloride
Concen: 47.505 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.012 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

Tgt Ion: 41 Resp: 186517
Ion Ratio Lower Upper
41 100
39 74.3 58.0 87.0
76 34.9 27.4 41.2

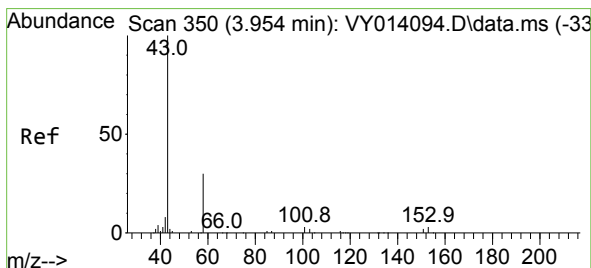
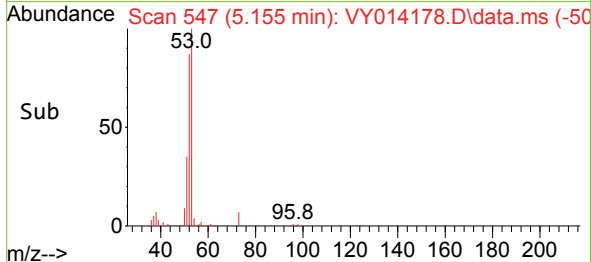
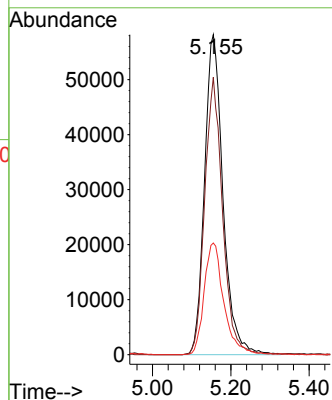
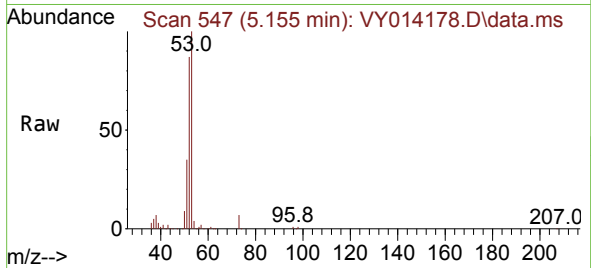




#15
Acrylonitrile
Concen: 261.417 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

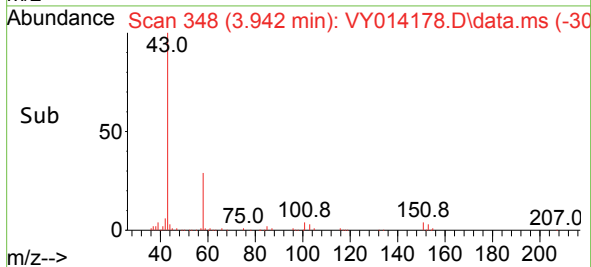
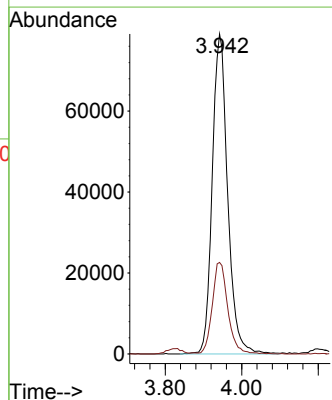
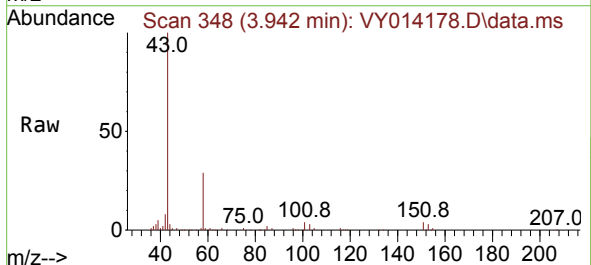
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

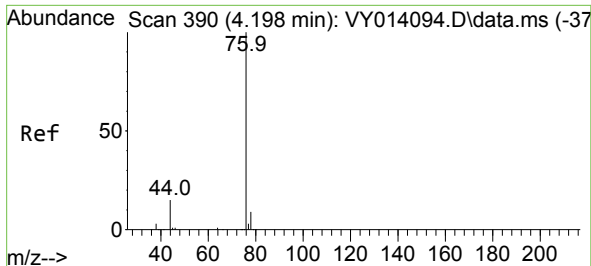
Tgt Ion: 53 Resp: 190645
Ion Ratio Lower Upper
53 100
52 83.8 66.9 100.3
51 37.3 29.8 44.6



#16
Acetone
Concen: 277.347 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

Tgt Ion: 43 Resp: 220849
Ion Ratio Lower Upper
43 100
58 28.5 22.7 34.1

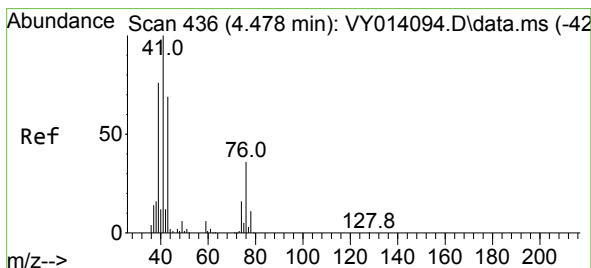
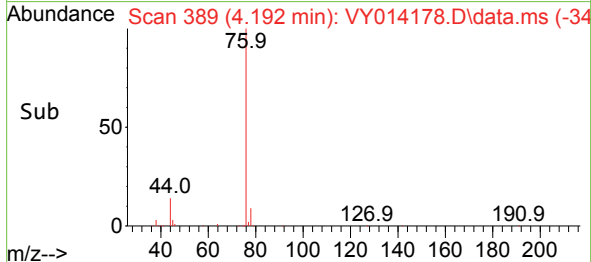
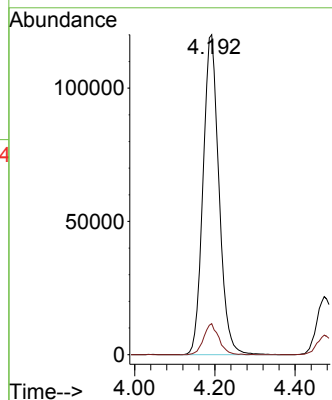
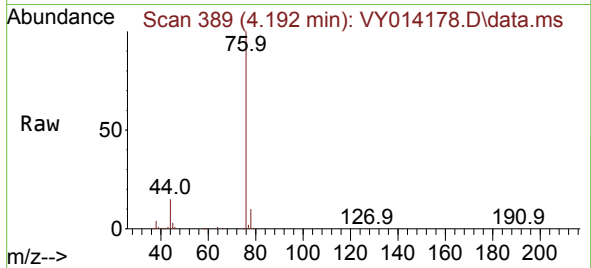




#17
Carbon Disulfide
Concen: 47.137 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

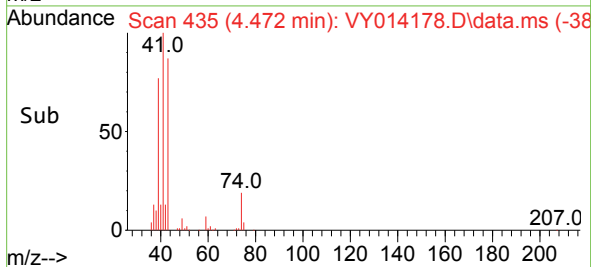
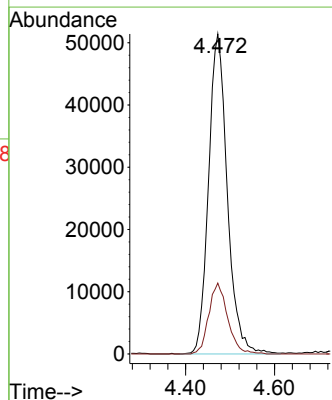
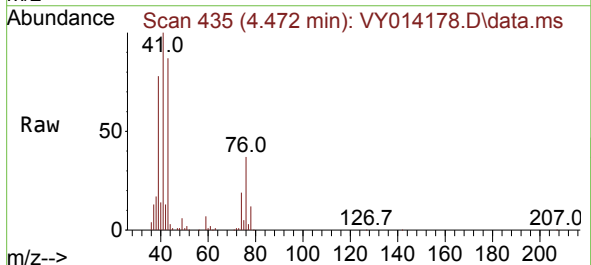
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

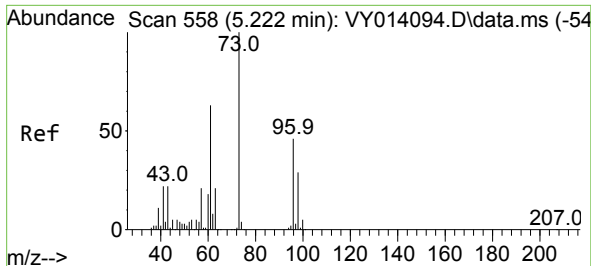
Tgt Ion: 76 Resp: 330852
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4



#18
Methyl Acetate
Concen: 48.801 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

Tgt Ion: 43 Resp: 150835
Ion Ratio Lower Upper
43 100
74 22.3 17.4 26.0

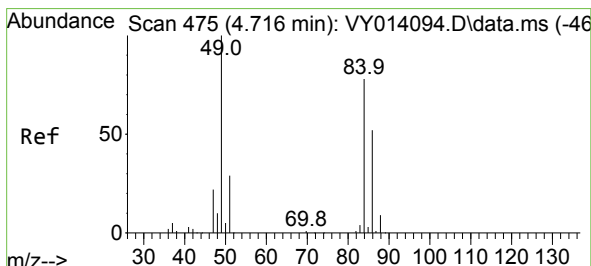
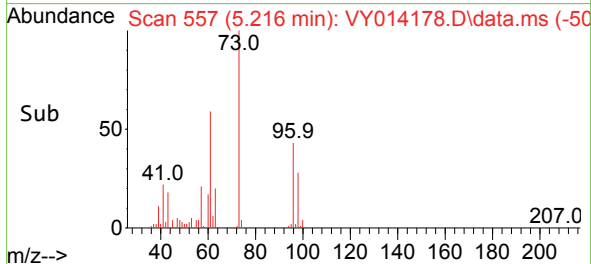
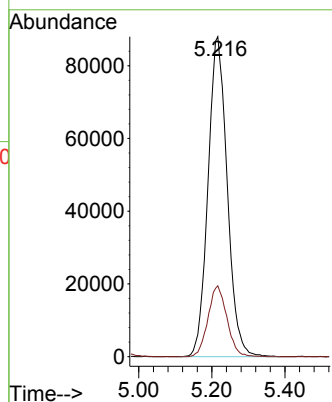
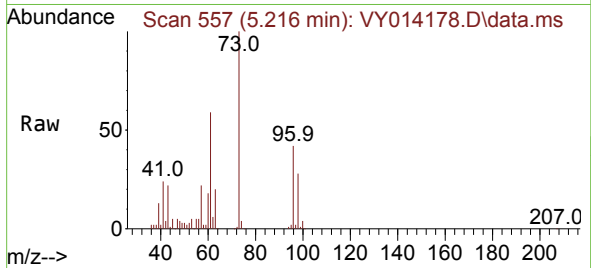




#19
Methyl tert-butyl Ether
Concen: 50.166 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

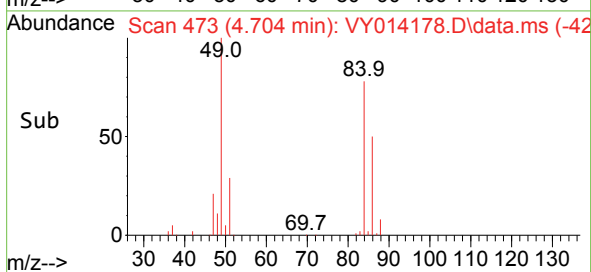
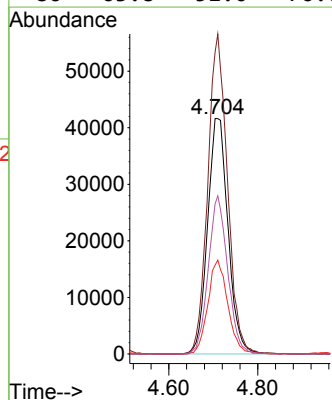
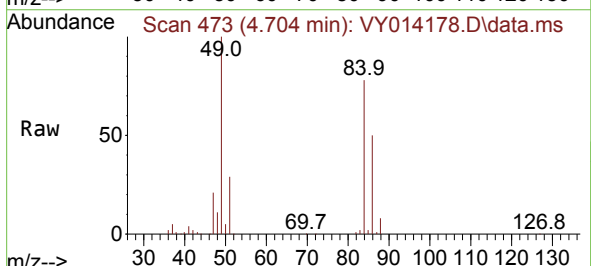
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

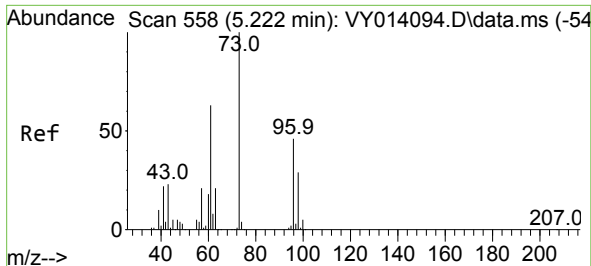
Tgt Ion: 73 Resp: 320481
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9



#20
Methylene Chloride
Concen: 52.660 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

Tgt Ion: 84 Resp: 133386
Ion Ratio Lower Upper
84 100
49 128.2 106.9 160.3
51 37.8 33.2 49.8
86 63.8 51.0 76.6

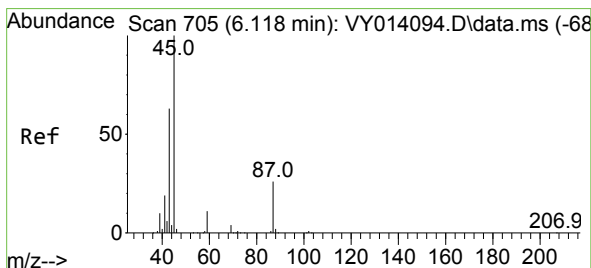
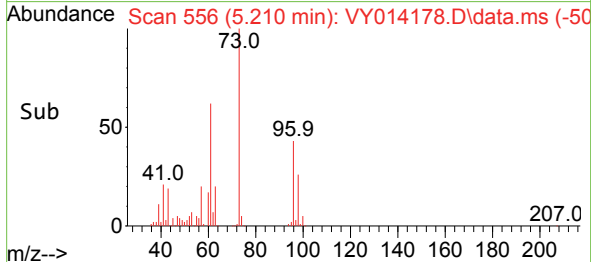
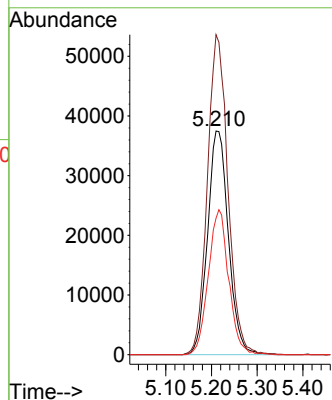
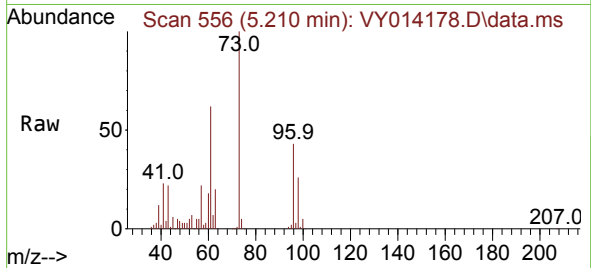




#21
trans-1,2-Dichloroethene
Concen: 49.189 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

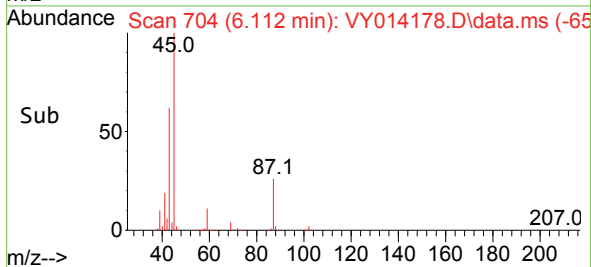
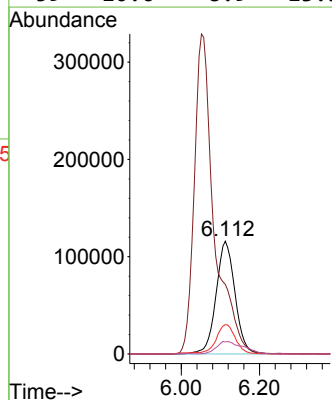
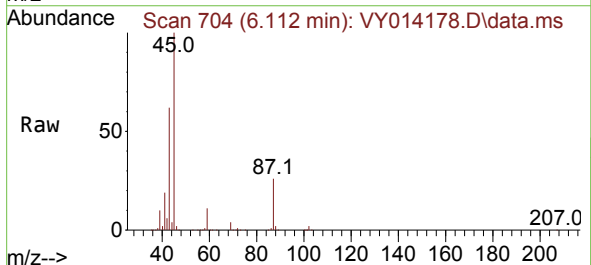
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

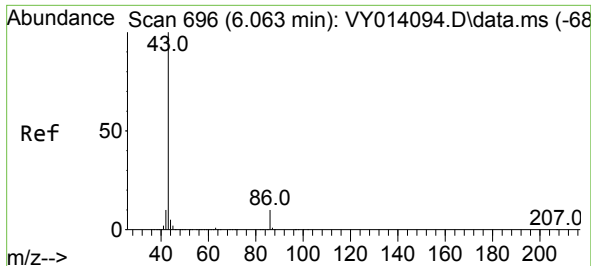
Tgt Ion: 96 Resp: 118835
Ion Ratio Lower Upper
96 100
61 143.1 110.2 165.4
98 61.0 51.8 77.6



#22
Diisopropyl ether
Concen: 51.743 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

Tgt Ion: 45 Resp: 388975
Ion Ratio Lower Upper
45 100
43 61.1 52.2 78.4
87 25.9 21.0 31.6
59 10.6 8.9 13.3

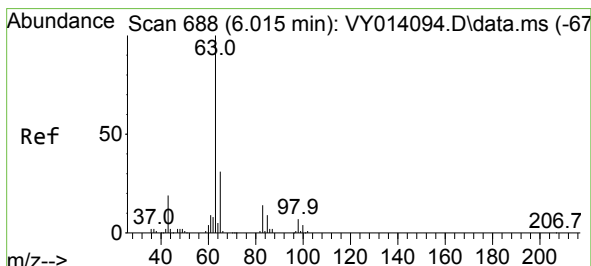
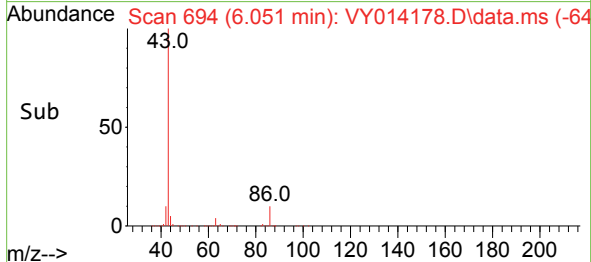
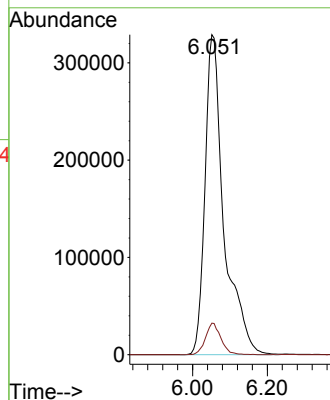
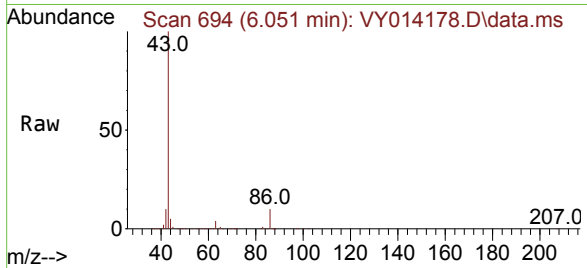




#23
 Vinyl Acetate
 Concen: 260.407 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY014178.D
 Acq: 15 Jun 2023 10:12

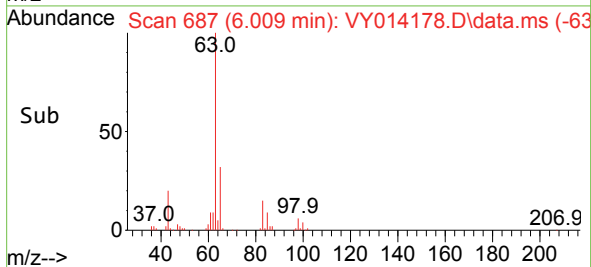
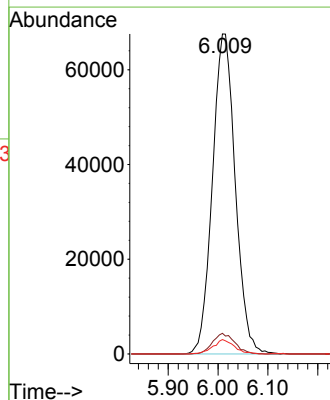
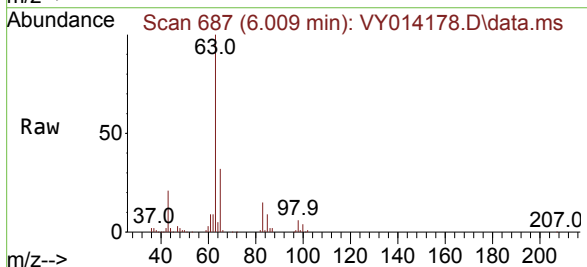
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

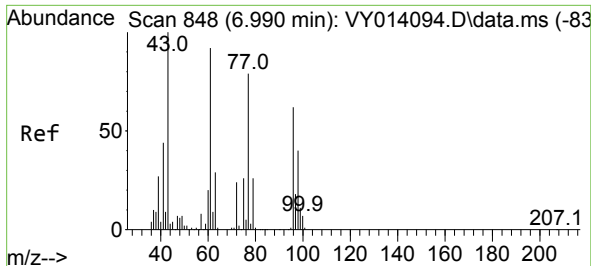
Tgt Ion: 43 Resp: 1155021
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 49.596 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY014178.D
 Acq: 15 Jun 2023 10:12

Tgt Ion: 63 Resp: 214965
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.1 9.4
 100 4.5 1.8 5.5





#25

2-Butanone

Concen: 287.130 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY014178.D

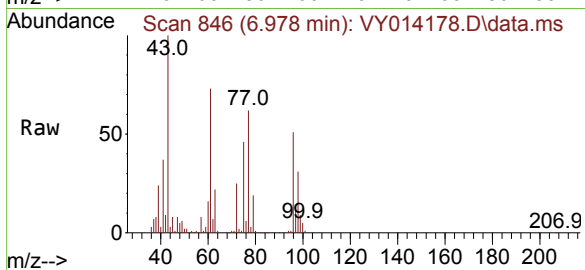
Acq: 15 Jun 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

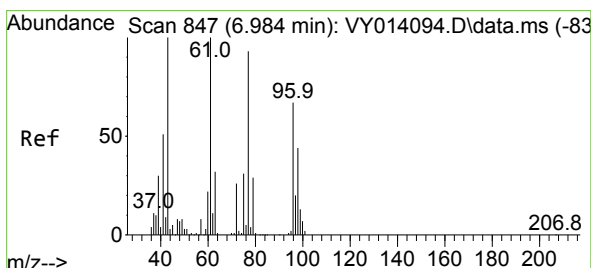
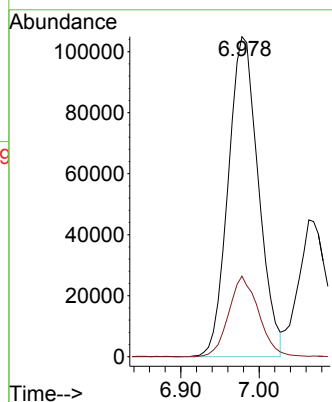
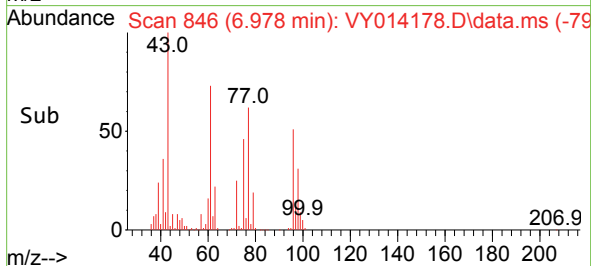


Tgt Ion: 43 Resp: 281445

Ion Ratio Lower Upper

43 100

72 25.2 20.5 30.7



#26

2,2-Dichloropropane

Concen: 49.287 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY014178.D

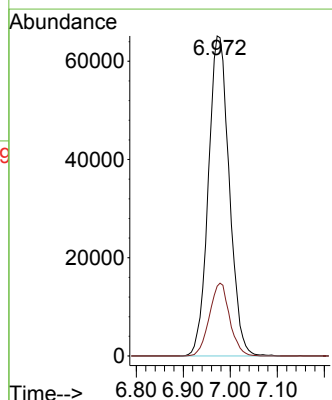
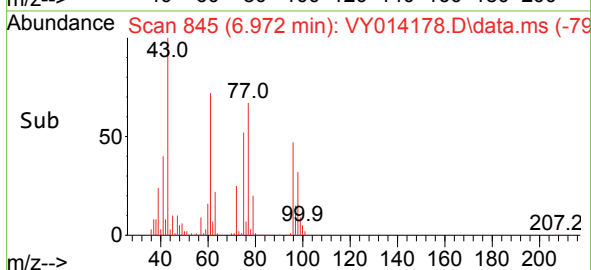
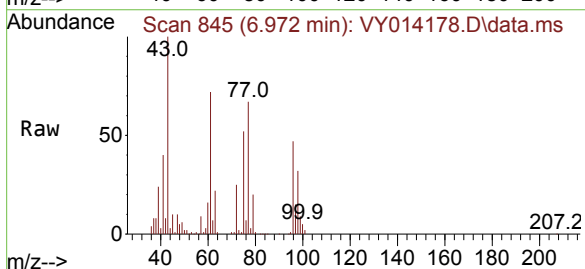
Acq: 15 Jun 2023 10:12

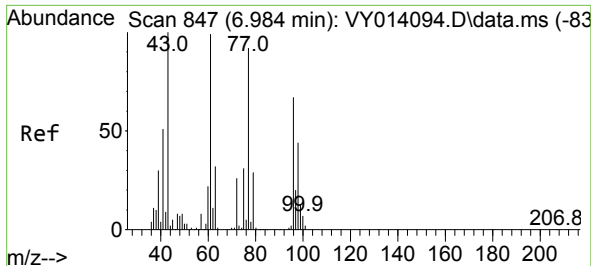
Tgt Ion: 77 Resp: 200646

Ion Ratio Lower Upper

77 100

97 22.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 51.209 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

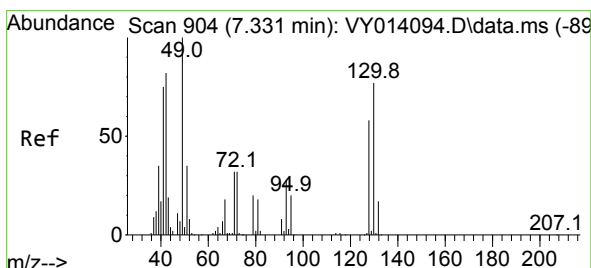
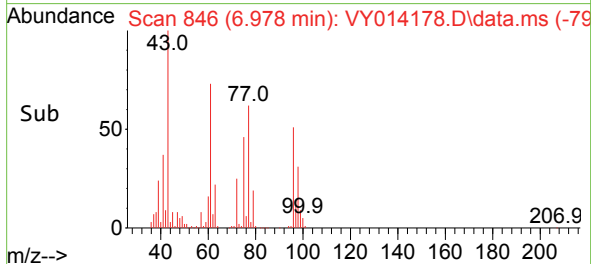
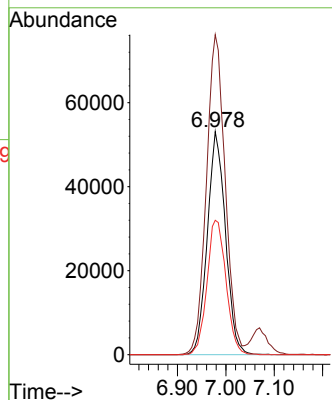
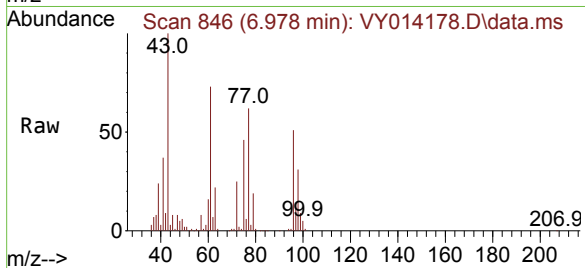
Tgt Ion: 96 Resp: 138395

Ion Ratio Lower Upper

96 100

61 148.9 0.0 301.4

98 63.3 0.0 130.4



#28

Bromochloromethane

Concen: 50.260 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.001 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

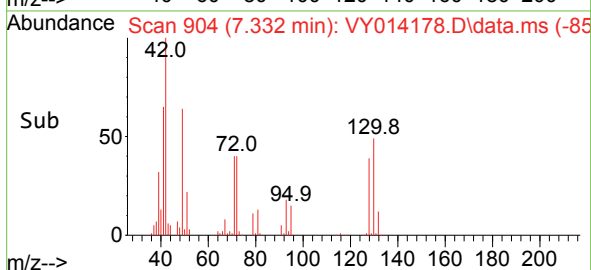
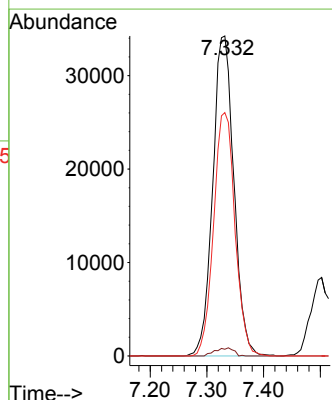
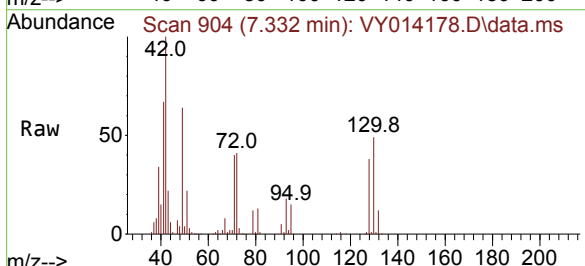
Tgt Ion: 49 Resp: 88589

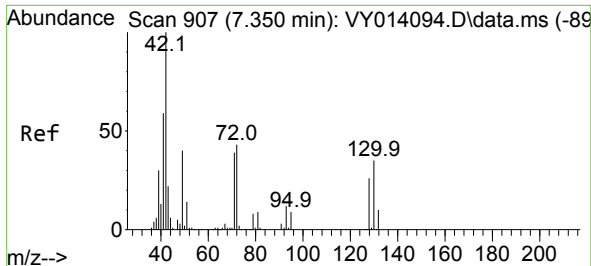
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 76.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 273.696 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

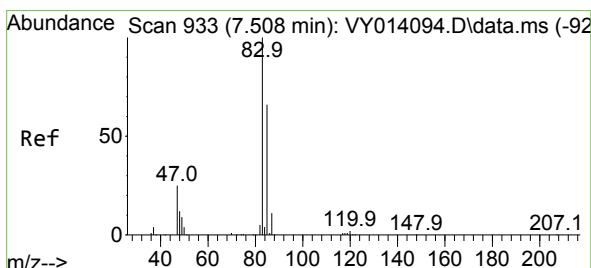
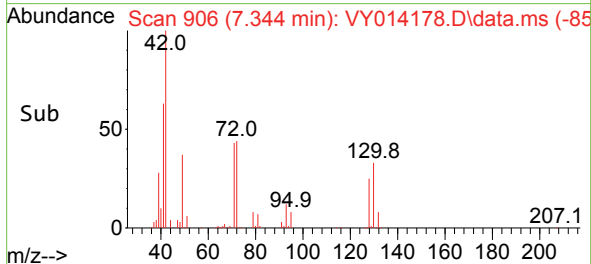
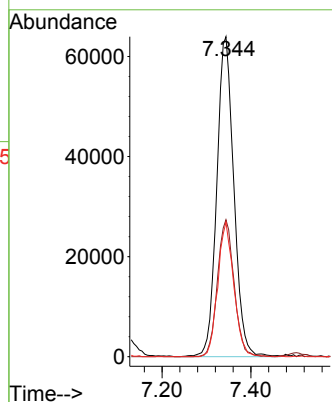
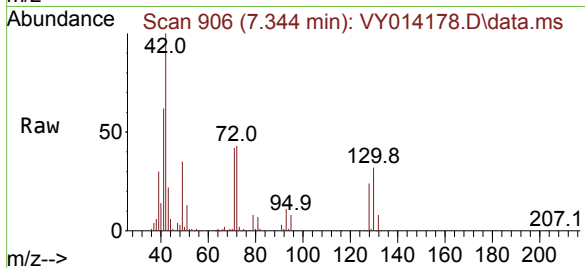
Tgt Ion: 42 Resp: 170117

Ion Ratio Lower Upper

42 100

72 41.6 32.8 49.2

71 39.5 31.0 46.4



#30

Chloroform

Concen: 50.684 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY014178.D

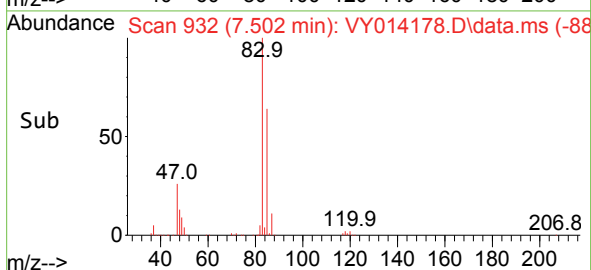
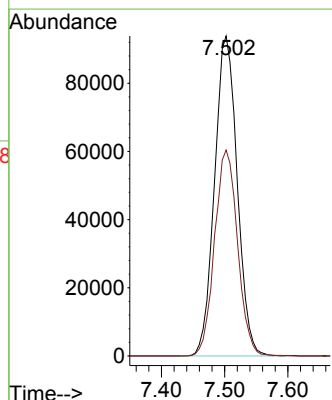
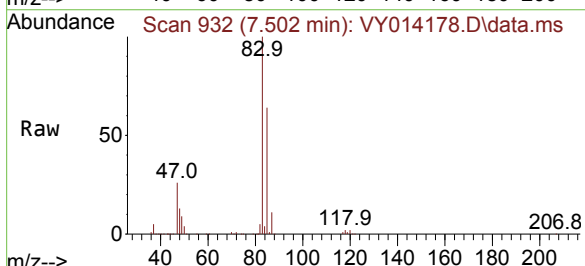
Acq: 15 Jun 2023 10:12

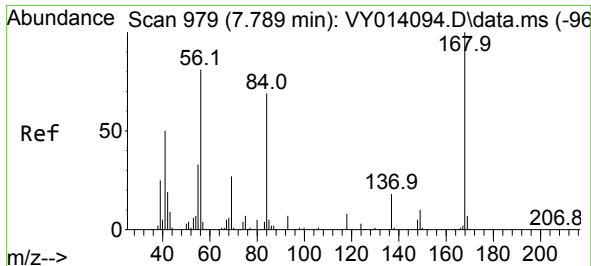
Tgt Ion: 83 Resp: 233058

Ion Ratio Lower Upper

83 100

85 64.4 49.7 74.5

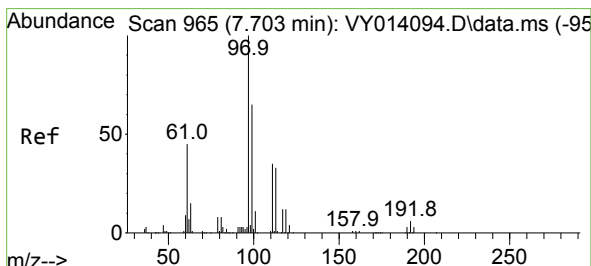
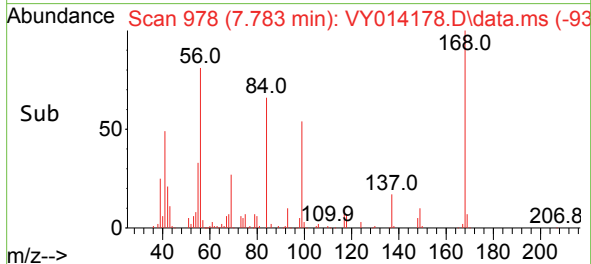
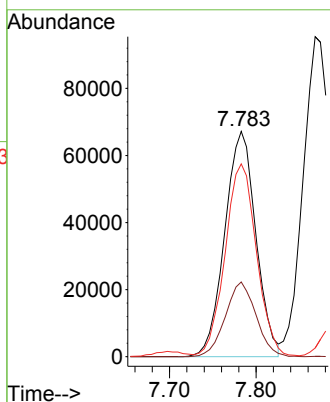
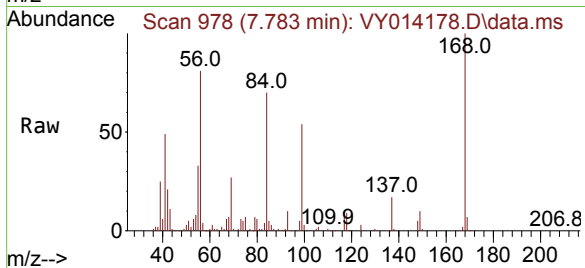




#31
Cyclohexane
Concen: 47.417 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

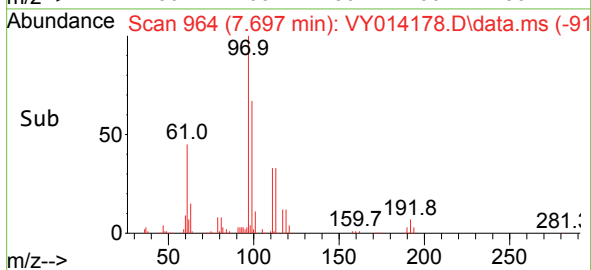
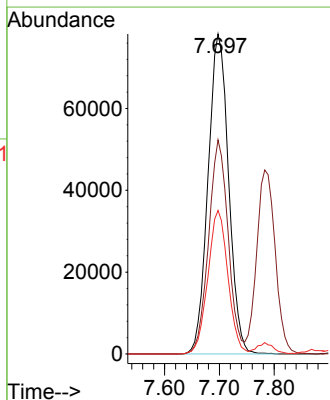
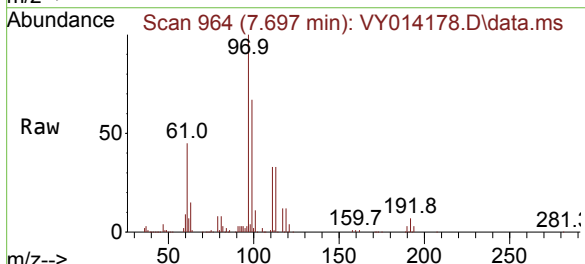
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

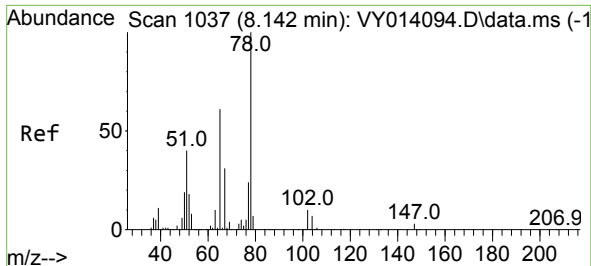
Tgt Ion: 56 Resp: 167802
Ion Ratio Lower Upper
56 100
69 33.1 27.8 41.6
84 83.5 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 49.027 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

Tgt Ion: 97 Resp: 203326
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 43.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 43.695 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

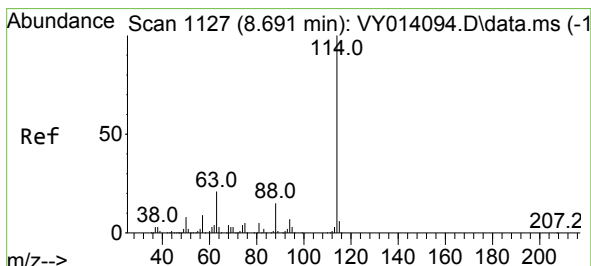
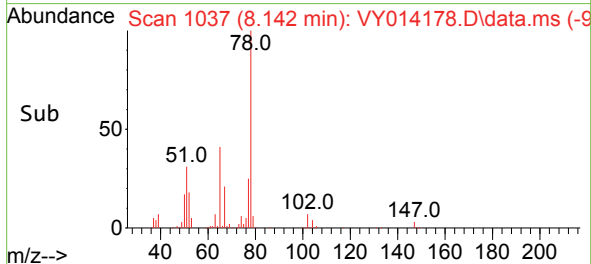
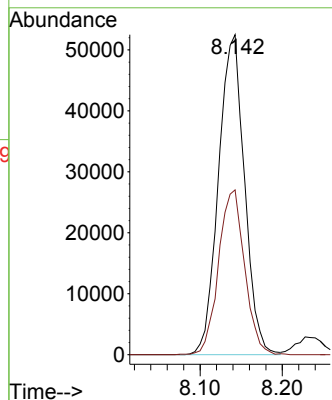
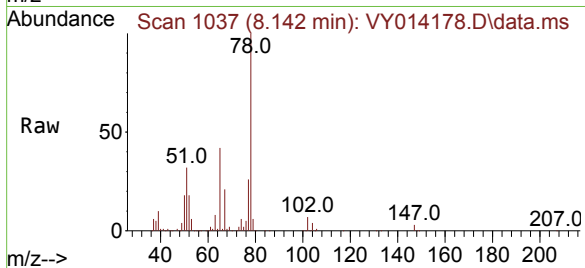
VSTDCCC050

Tgt Ion: 65 Resp: 115429

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

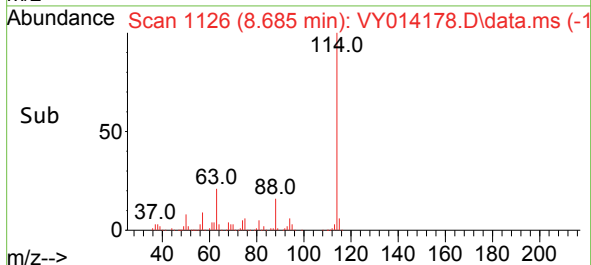
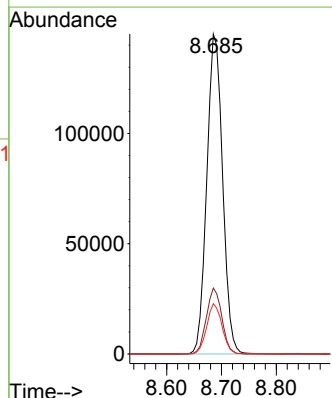
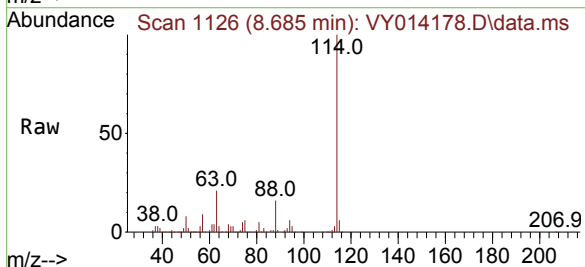
Tgt Ion: 114 Resp: 289644

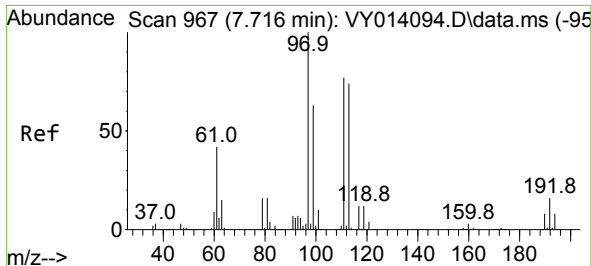
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.4

88 15.7 0.0 30.6

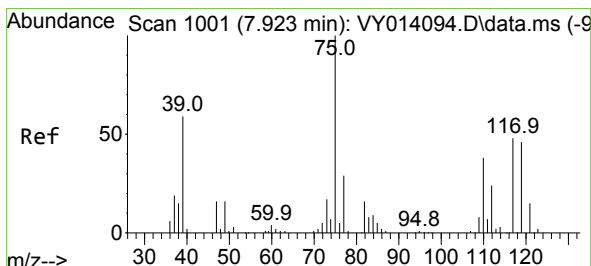
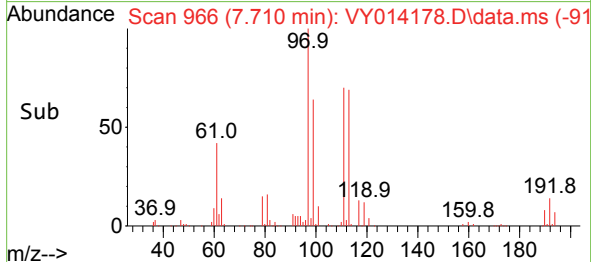
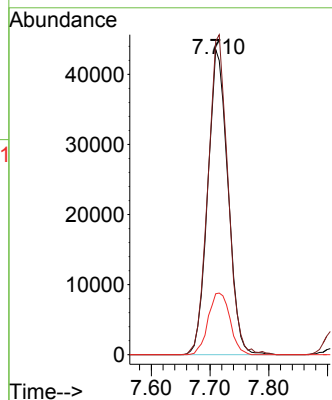
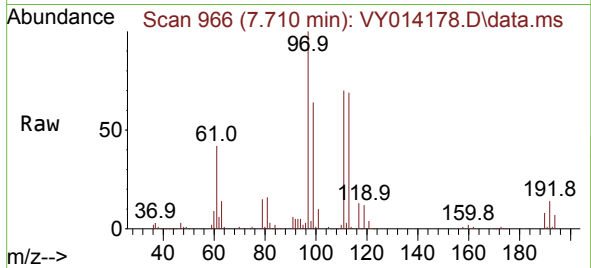




#35
Dibromofluoromethane
Concen: 50.572 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

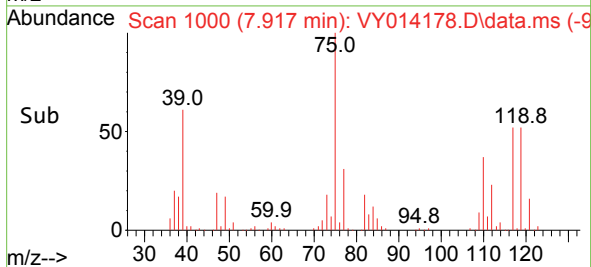
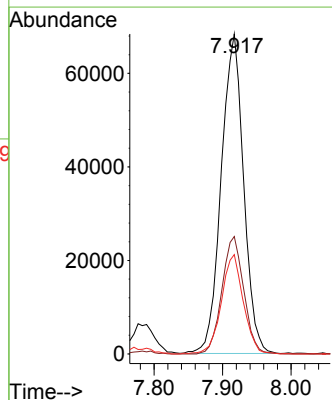
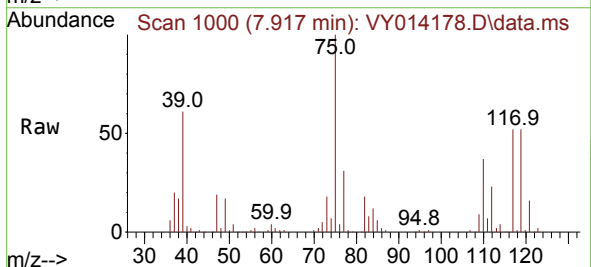
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

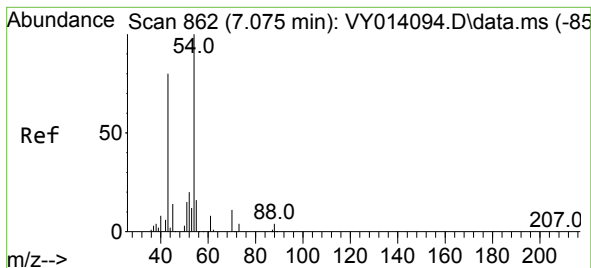
Tgt Ion:113 Resp: 103880
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 21.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 48.313 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

Tgt Ion: 75 Resp: 154716
Ion Ratio Lower Upper
75 100
110 35.8 17.8 53.5
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 53.887 ug/l

RT: 7.063 min Scan# 860

Delta R.T. -0.012 min

Lab File: VY014178.D

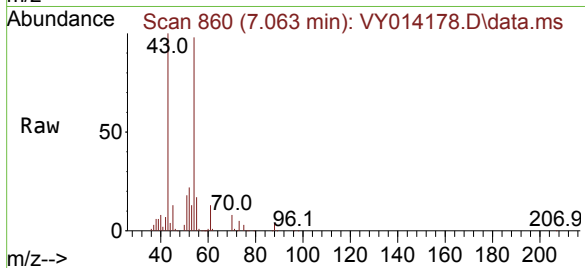
Acq: 15 Jun 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



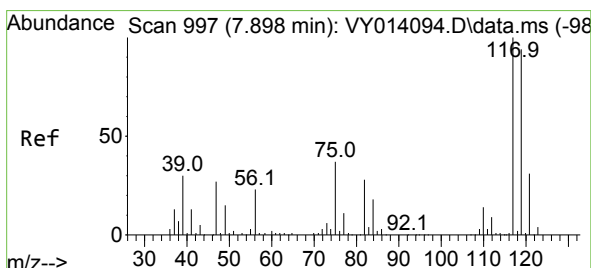
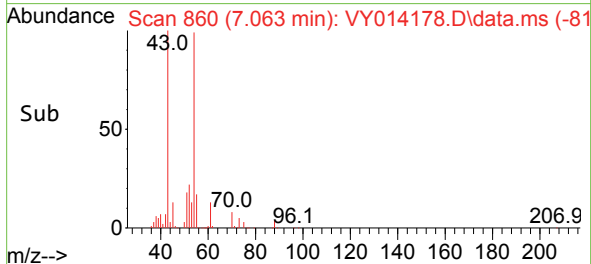
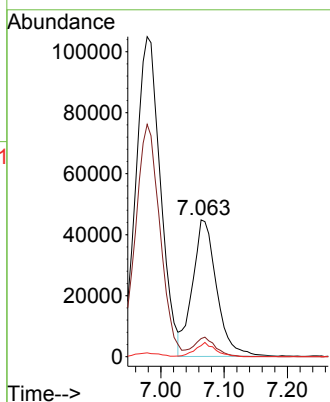
Tgt Ion: 43 Resp: 119067

Ion Ratio Lower Upper

43 100

61 12.3 10.1 15.1

70 8.6 7.1 10.7



#38

Carbon Tetrachloride

Concen: 49.125 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.001 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

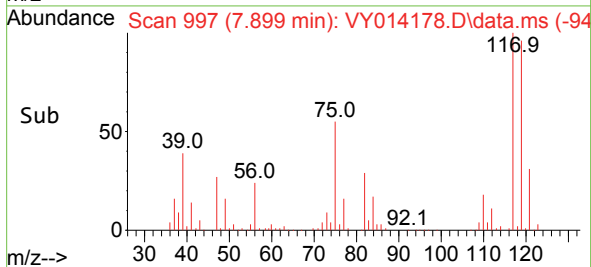
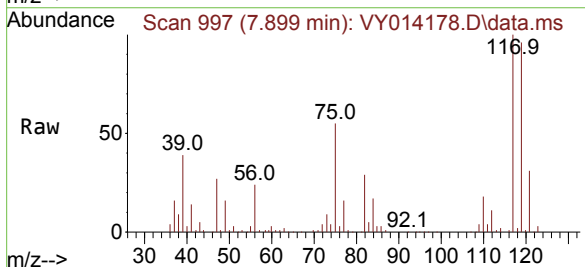
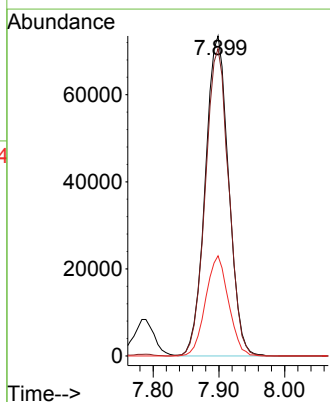
Tgt Ion: 117 Resp: 181541

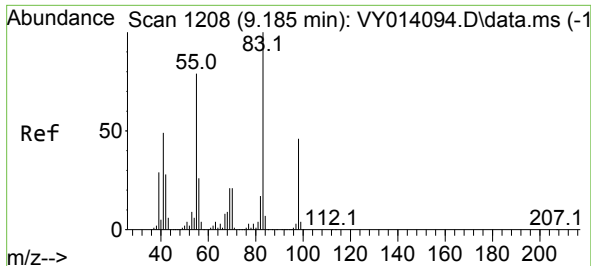
Ion Ratio Lower Upper

117 100

119 96.0 76.4 114.6

121 31.3 25.8 38.6





#39

Methylcyclohexane

Concen: 47.671 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

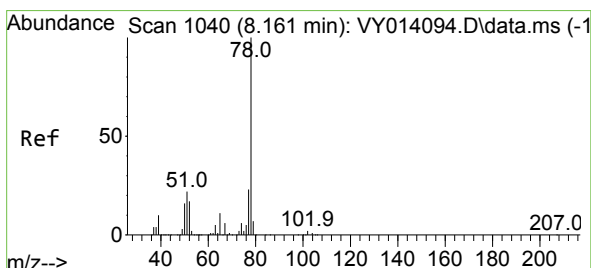
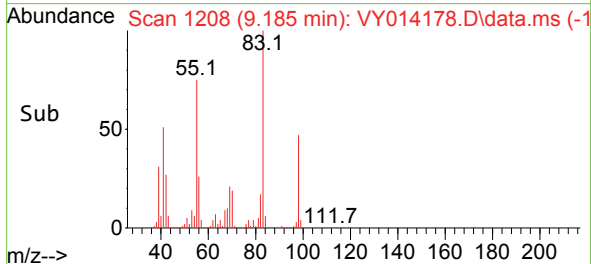
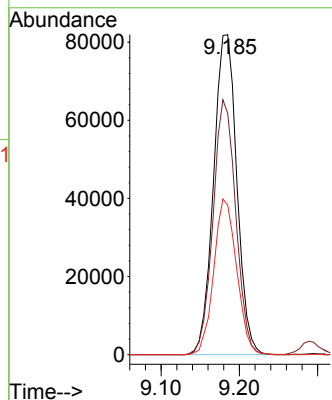
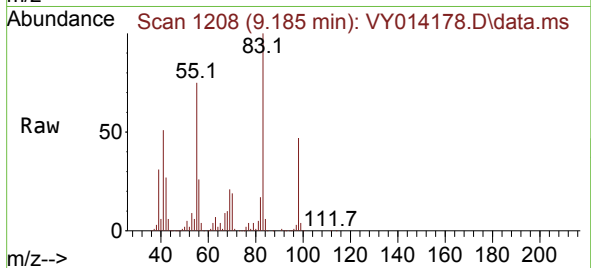
Tgt Ion: 83 Resp: 169377

Ion Ratio Lower Upper

83 100

55 75.3 63.0 94.4

98 46.7 37.4 56.2



#40

Benzene

Concen: 48.931 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY014178.D

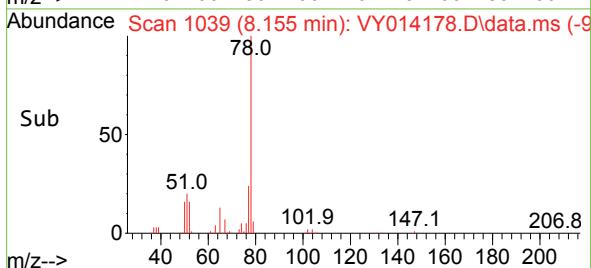
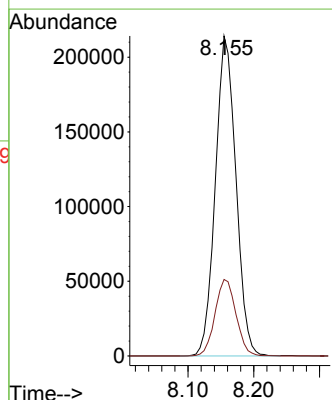
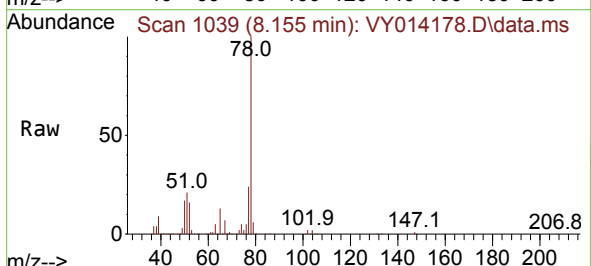
Acq: 15 Jun 2023 10:12

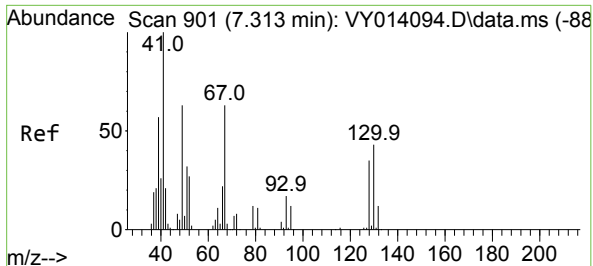
Tgt Ion: 78 Resp: 465943

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

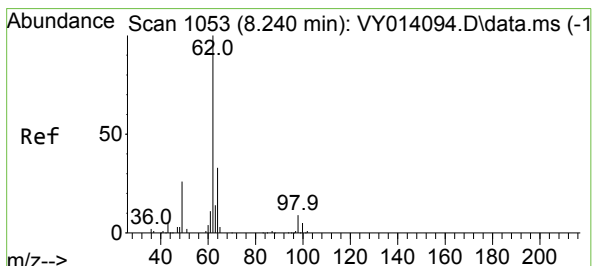
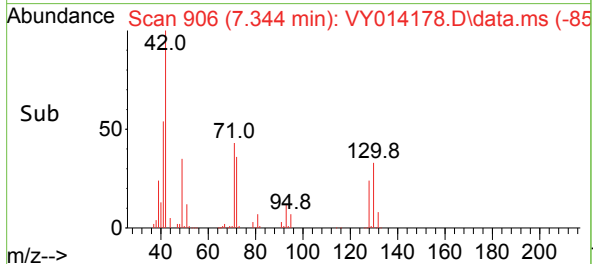
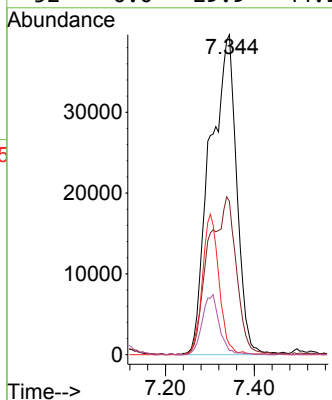
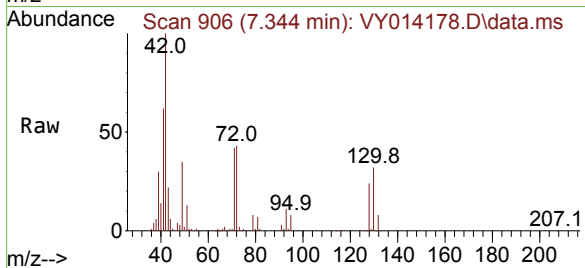




#41
Methacrylonitrile
Concen: 145.619 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

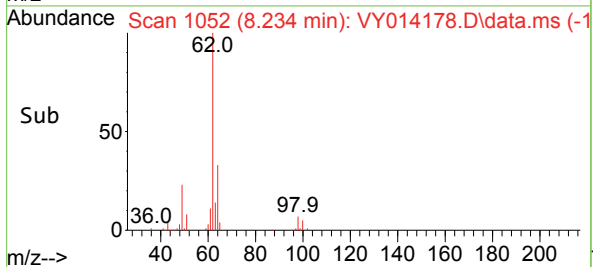
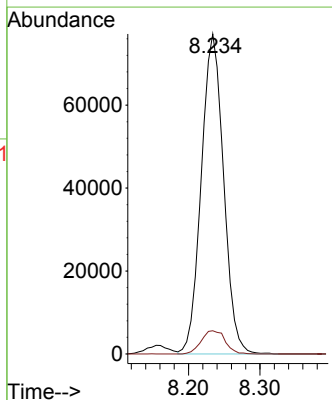
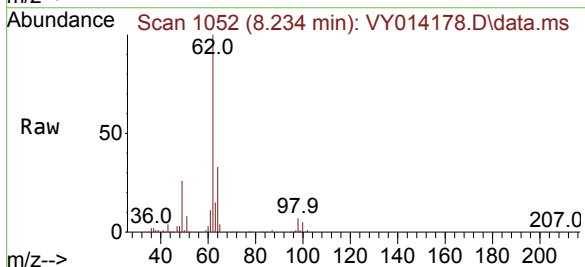
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

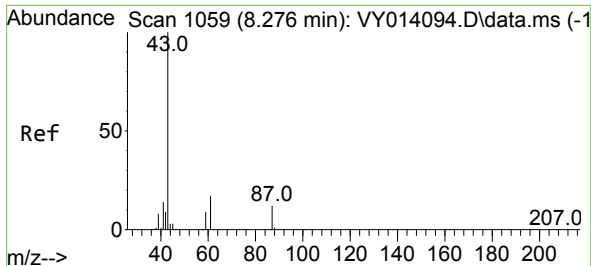
Tgt Ion: 41 Resp: 164209
Ion Ratio Lower Upper
41 100
39 51.8 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 49.640 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

Tgt Ion: 62 Resp: 167158
Ion Ratio Lower Upper
62 100
98 7.8 0.0 15.8

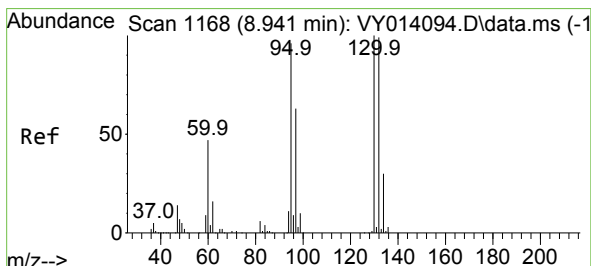
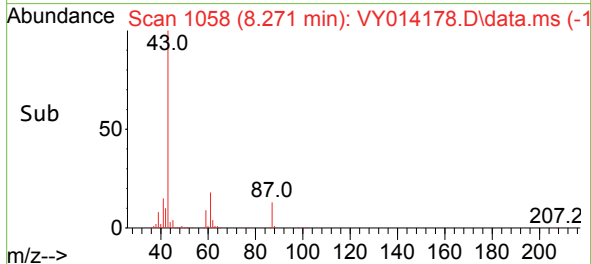
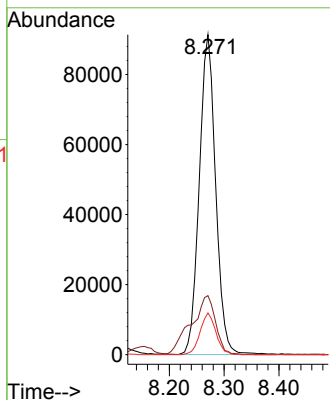
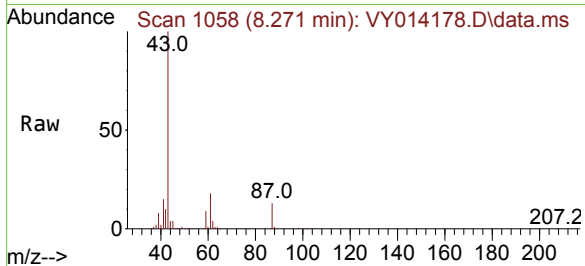




#43
Isopropyl Acetate
Concen: 48.891 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.005 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

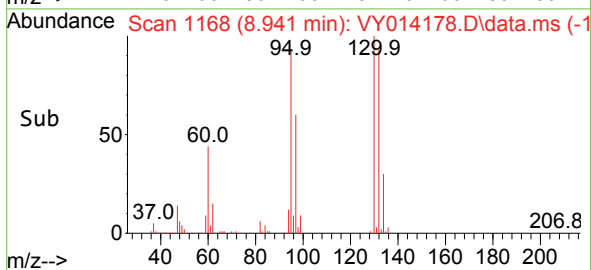
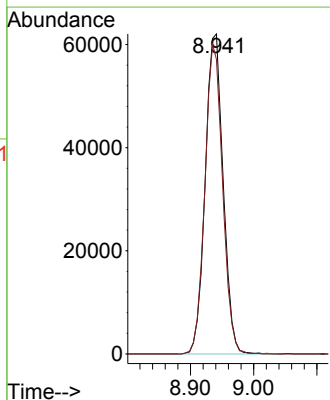
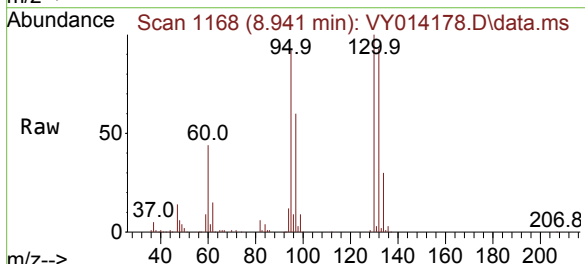
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

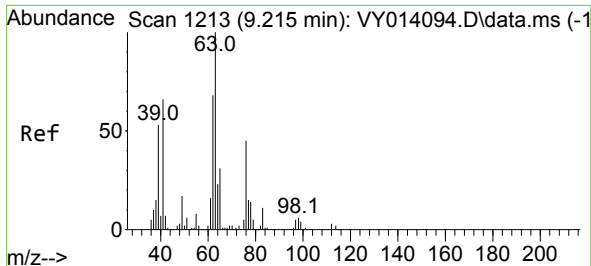
Tgt Ion: 43 Resp: 189341
Ion Ratio Lower Upper
43 100
61 27.4 21.1 31.7
87 12.6 9.8 14.8



#44
Trichloroethene
Concen: 47.981 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

Tgt Ion:130 Resp: 122073
Ion Ratio Lower Upper
130 100
95 92.0 0.0 196.0

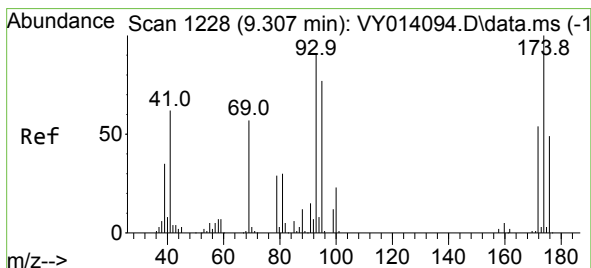
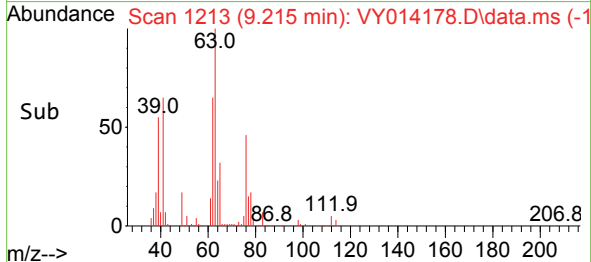
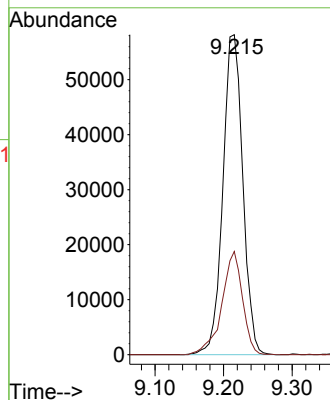
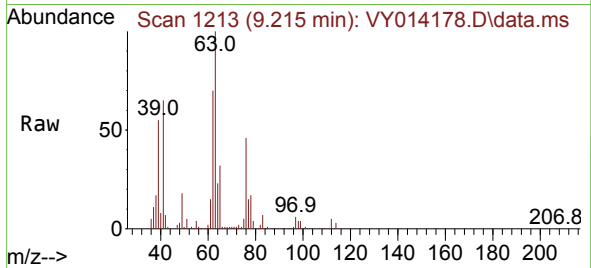




#45
1,2-Dichloropropane
Concen: 48.377 ug/l
RT: 9.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

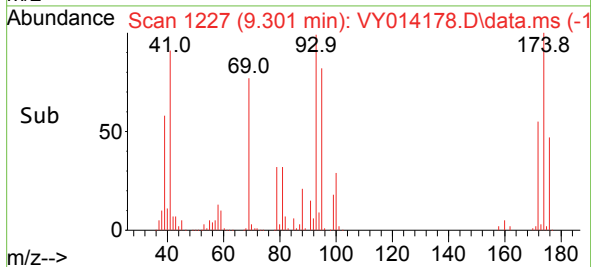
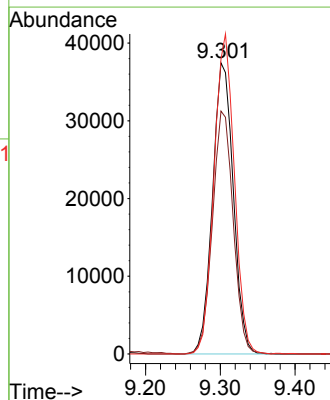
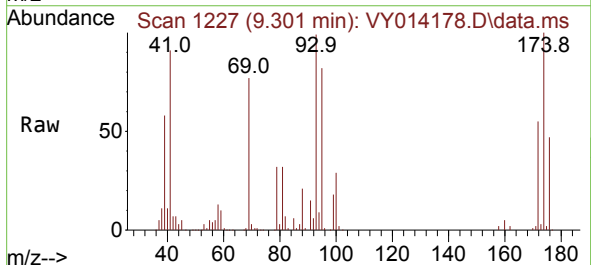
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

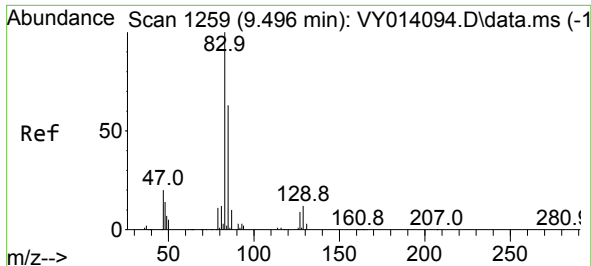
Tgt Ion: 63 Resp: 117010
Ion Ratio Lower Upper
63 100
65 32.2 23.8 35.6



#46
Dibromomethane
Concen: 48.667 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

Tgt Ion: 93 Resp: 72458
Ion Ratio Lower Upper
93 100
95 83.2 66.6 100.0
174 107.9 84.8 127.2

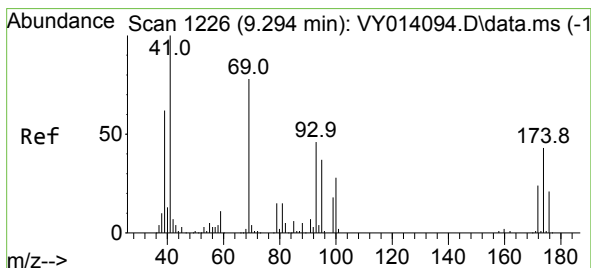
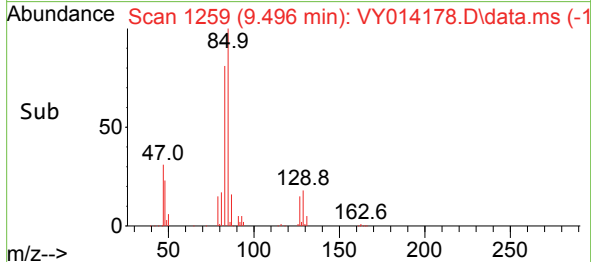
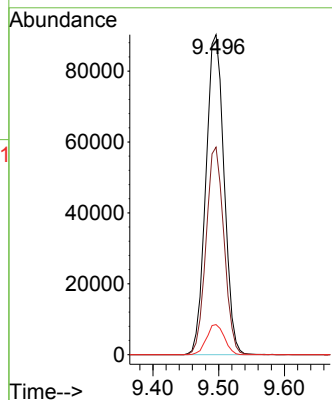
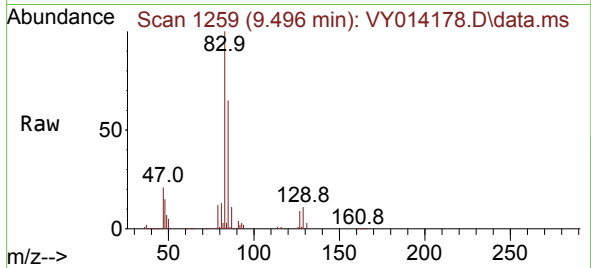




#47
Bromodichloromethane
Concen: 49.845 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

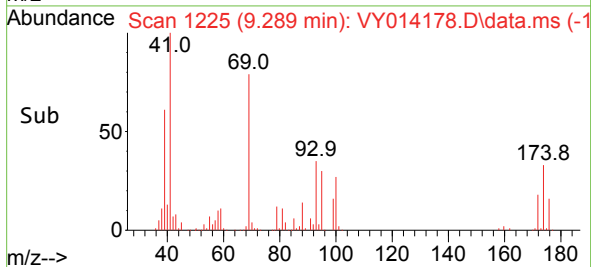
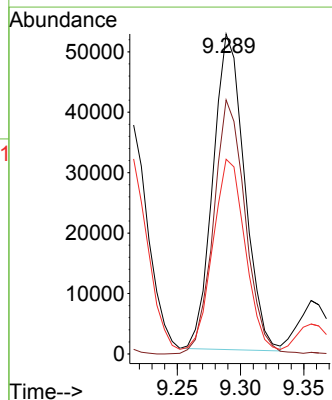
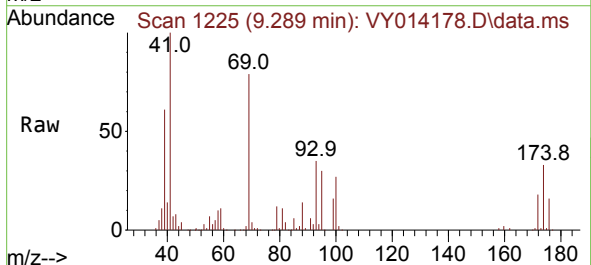
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

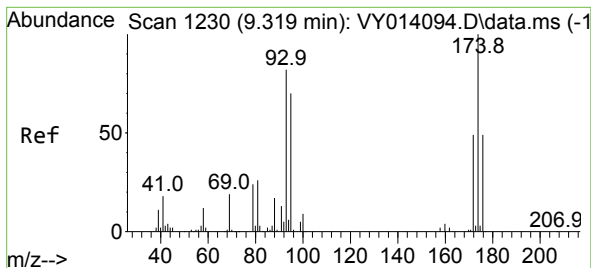
Tgt Ion: 83 Resp: 173764
Ion Ratio Lower Upper
83 100
85 64.8 50.1 75.1
127 9.4 7.1 10.7



#48
Methyl methacrylate
Concen: 50.042 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

Tgt Ion: 41 Resp: 90390
Ion Ratio Lower Upper
41 100
69 81.0 64.5 96.7
39 64.6 50.8 76.2





#49

1,4-Dioxane

Concen: 1091.701 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.024 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

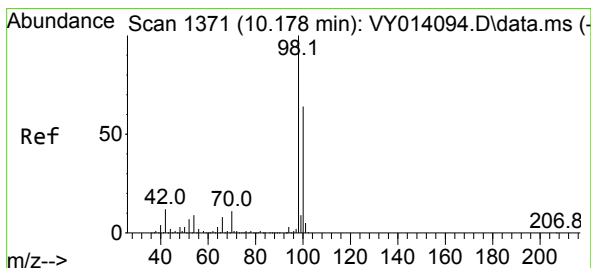
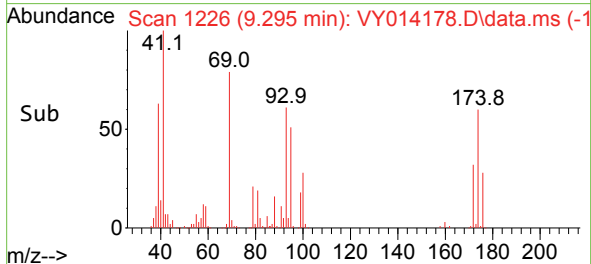
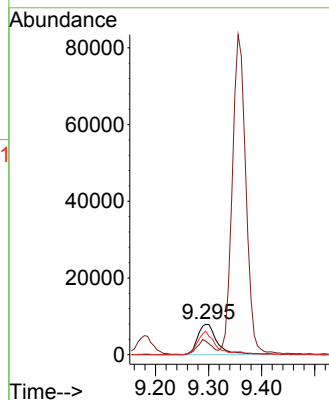
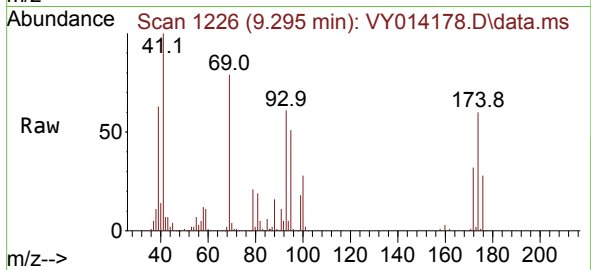
Tgt Ion: 88 Resp: 20653

Ion Ratio Lower Upper

88 100

43 35.4 0.0 0.0#

58 64.7 30.9 46.3#



#50

Toluene-d8

Concen: 43.724 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014178.D

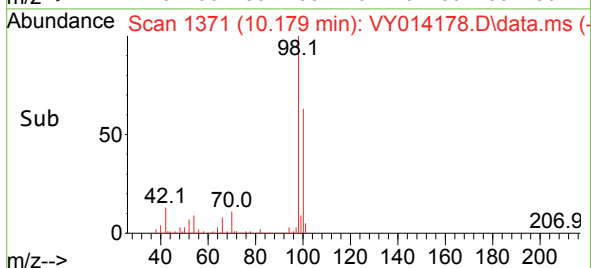
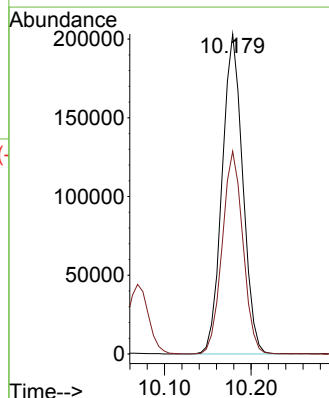
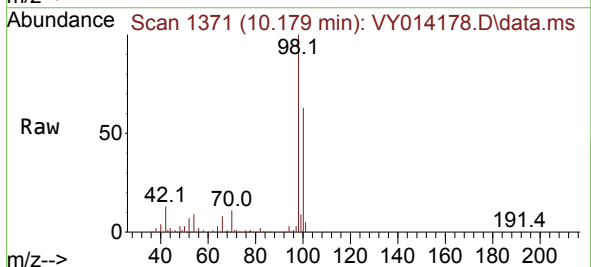
Acq: 15 Jun 2023 10:12

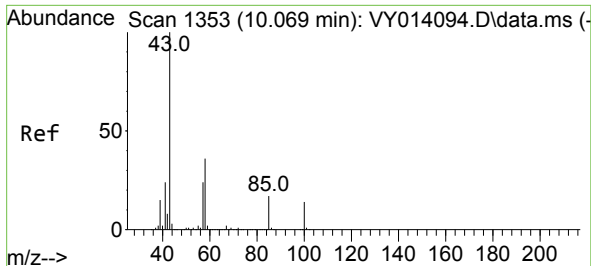
Tgt Ion: 98 Resp: 335775

Ion Ratio Lower Upper

98 100

100 63.7 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 258.204 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

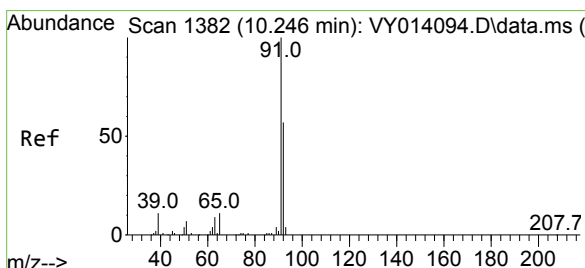
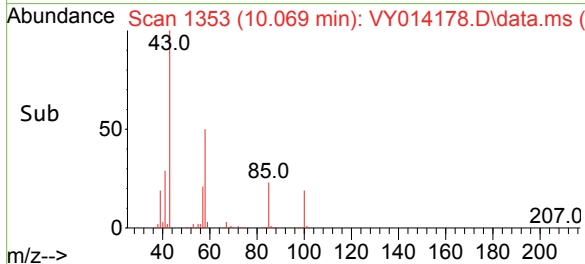
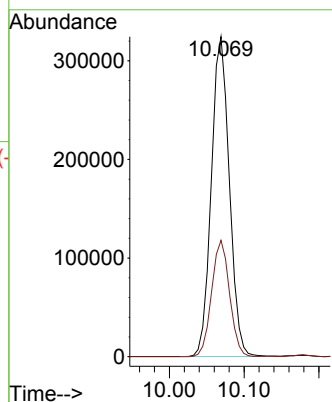
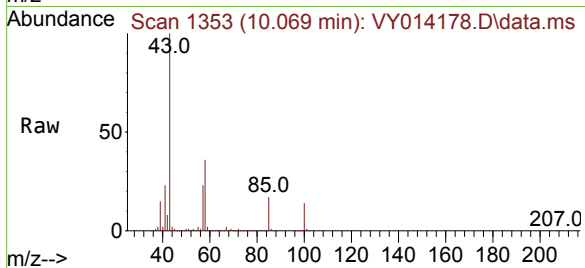
VSTDCCC050

Tgt Ion: 43 Resp: 543257

Ion Ratio Lower Upper

43 100

58 36.3 29.0 43.6



#52

Toluene

Concen: 49.204 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.006 min

Lab File: VY014178.D

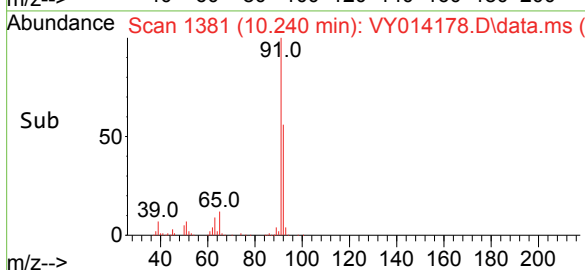
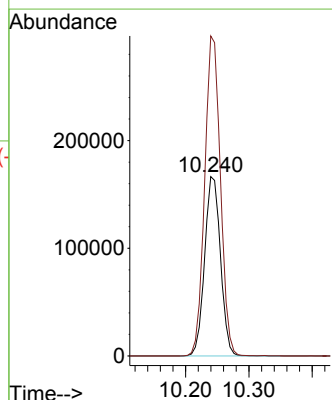
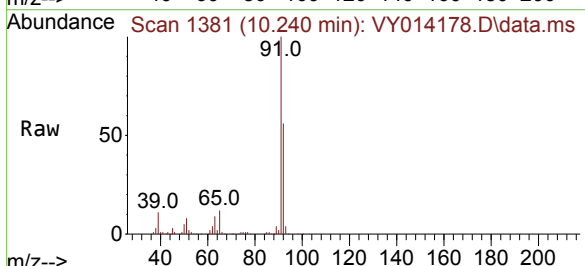
Acq: 15 Jun 2023 10:12

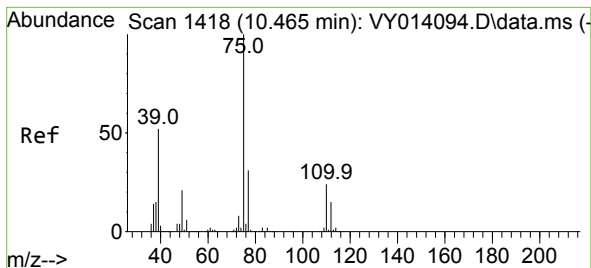
Tgt Ion: 92 Resp: 290455

Ion Ratio Lower Upper

92 100

91 177.5 143.8 215.6

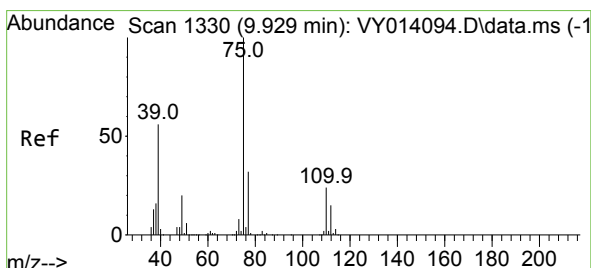
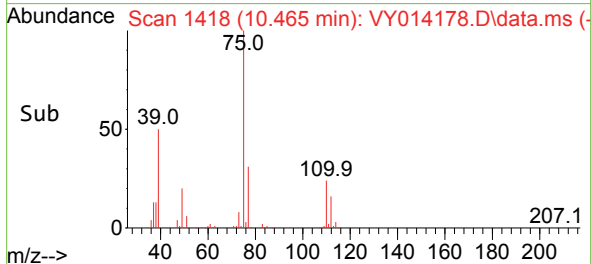
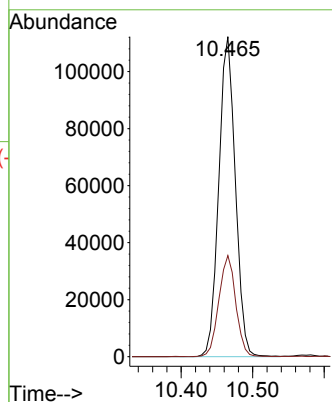
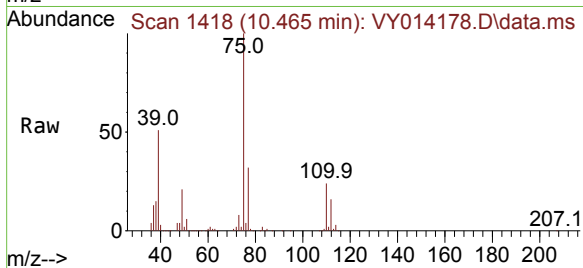




#53
 t-1,3-Dichloropropene
 Concen: 49.220 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY014178.D
 Acq: 15 Jun 2023 10:12

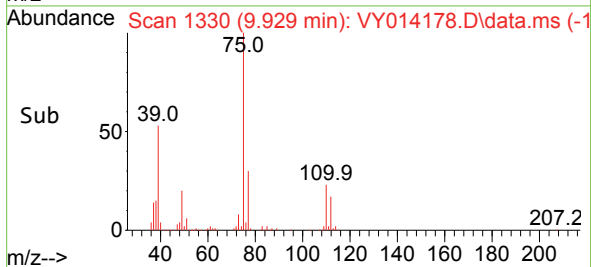
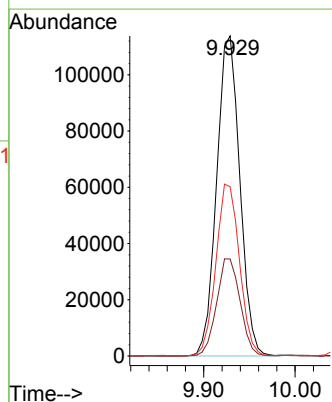
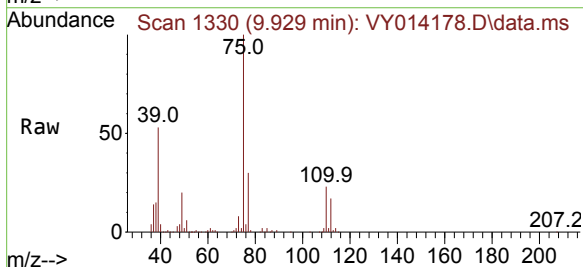
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

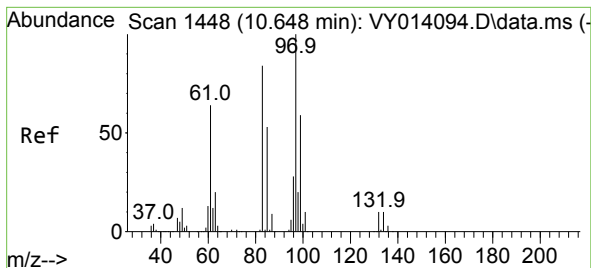
Tgt Ion: 75 Resp: 180631
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 50.156 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY014178.D
 Acq: 15 Jun 2023 10:12

Tgt Ion: 75 Resp: 200827
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.2 36.4
 39 52.8 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 49.655 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 98058

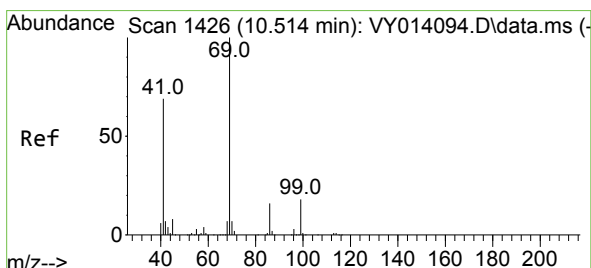
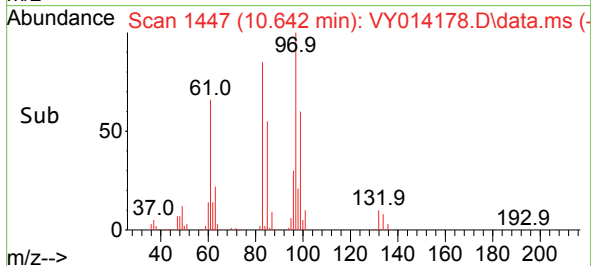
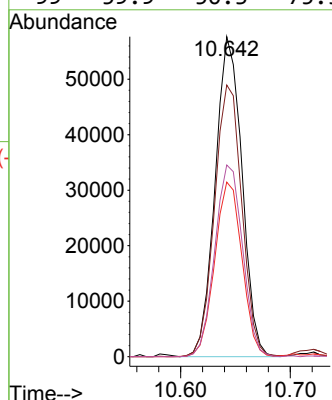
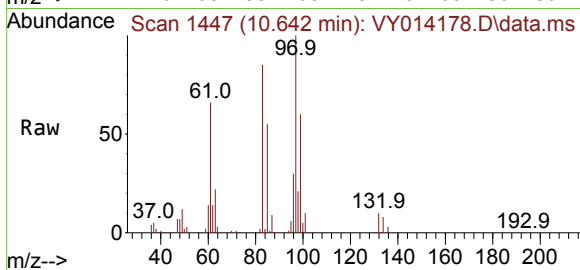
Ion Ratio Lower Upper

97 100

83 84.9 72.0 108.0

85 54.5 45.4 68.0

99 59.9 50.3 75.5



#56

Ethyl methacrylate

Concen: 50.555 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

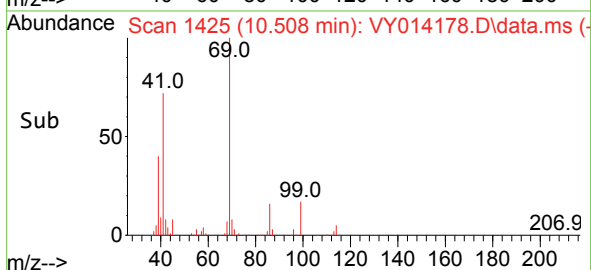
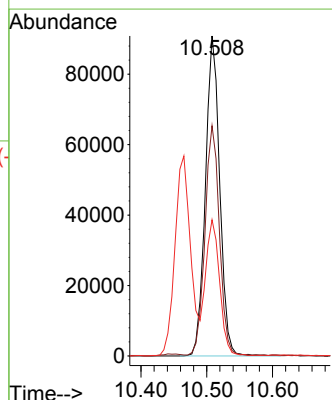
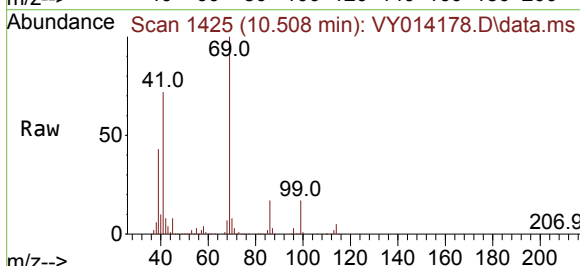
Tgt Ion: 69 Resp: 137704

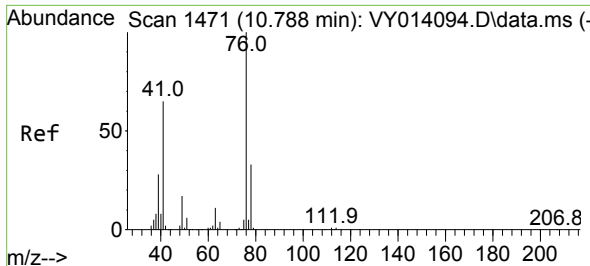
Ion Ratio Lower Upper

69 100

41 72.2 57.6 86.4

39 40.9 34.1 51.1





#57

1,3-Dichloropropane

Concen: 49.210 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

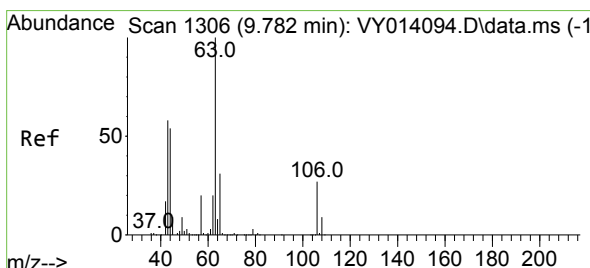
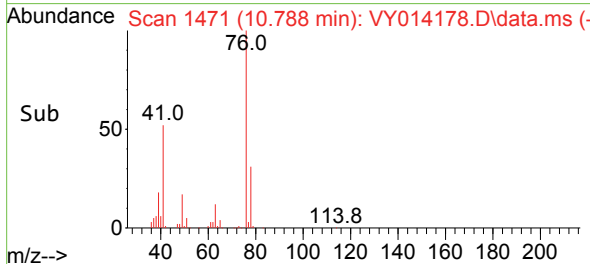
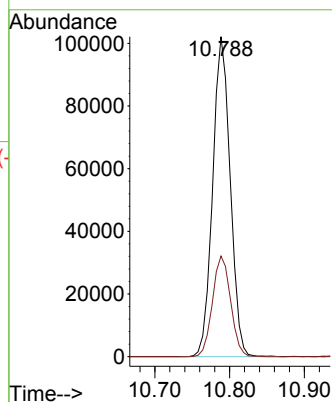
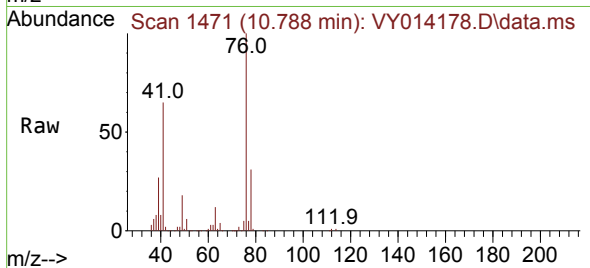
VSTDCCC050

Tgt Ion: 76 Resp: 166205

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 270.344 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014178.D

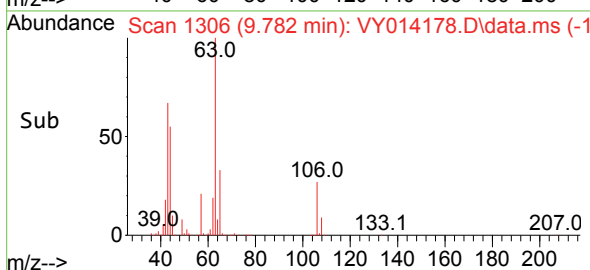
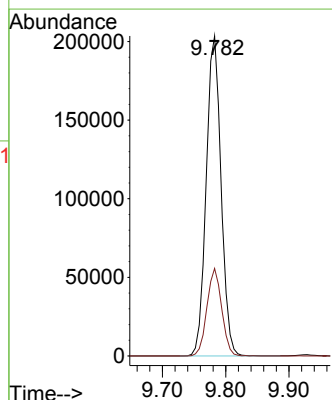
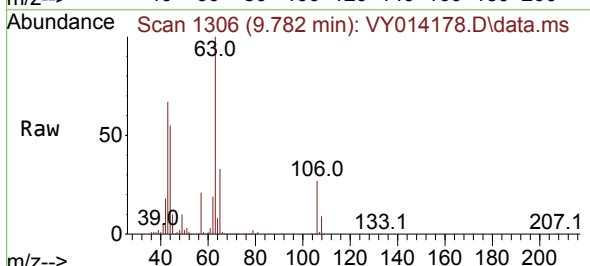
Acq: 15 Jun 2023 10:12

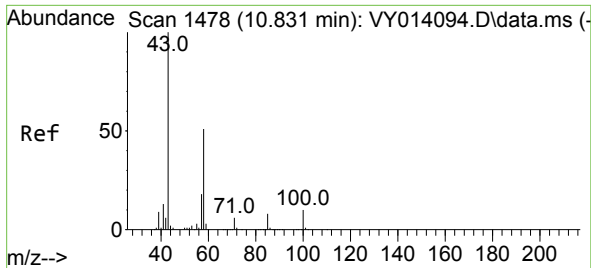
Tgt Ion: 63 Resp: 332245

Ion Ratio Lower Upper

63 100

106 27.2 21.2 31.8

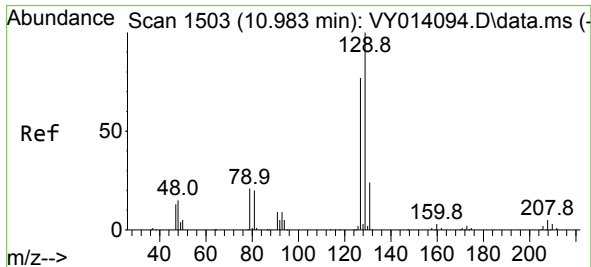
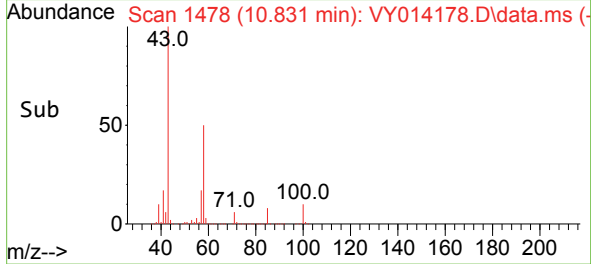
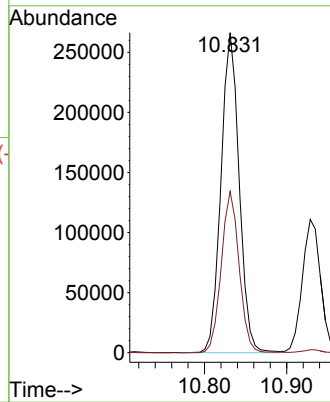
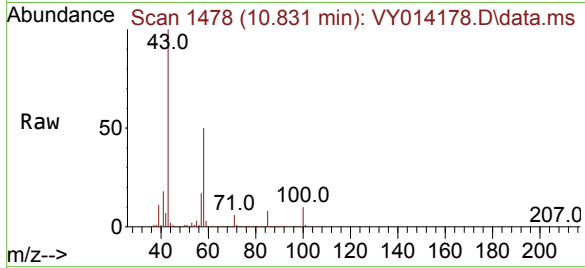




#59
2-Hexanone
Concen: 269.260 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

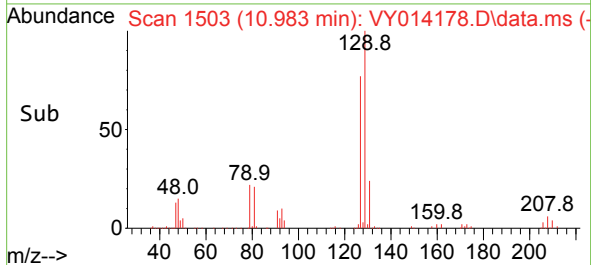
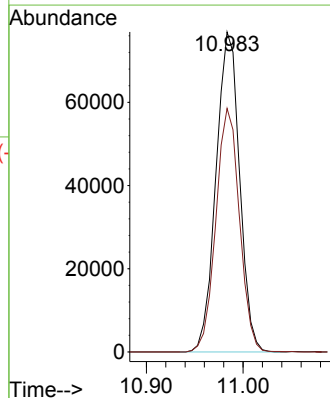
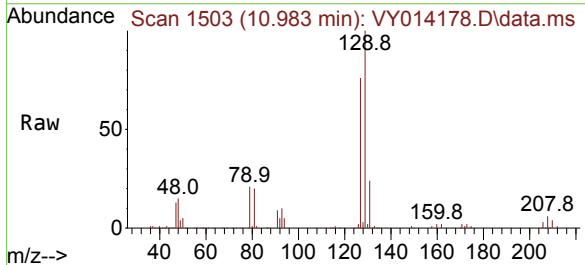
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

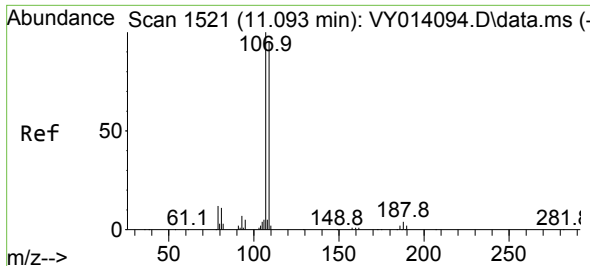
Tgt Ion: 43 Resp: 409172
Ion Ratio Lower Upper
43 100
58 49.5 25.1 75.3



#60
Dibromochloromethane
Concen: 51.389 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

Tgt Ion: 129 Resp: 129887
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5

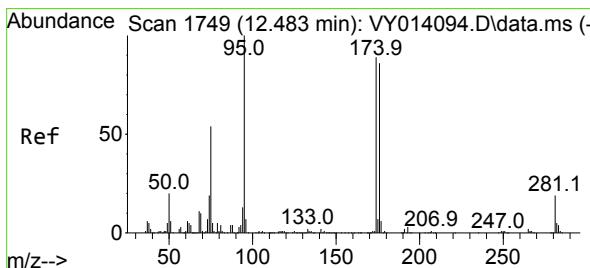
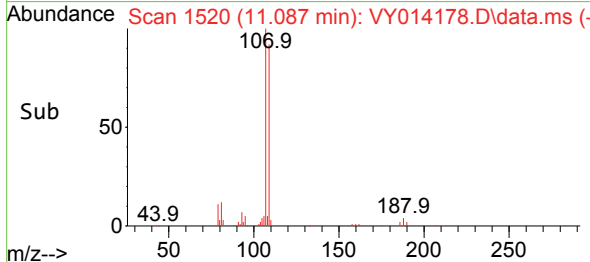
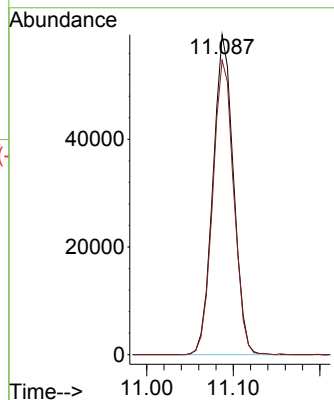
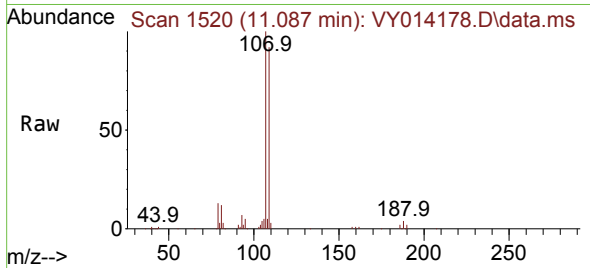




#61
1,2-Dibromoethane
Concen: 50.186 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

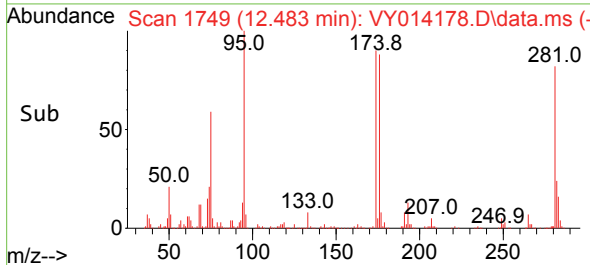
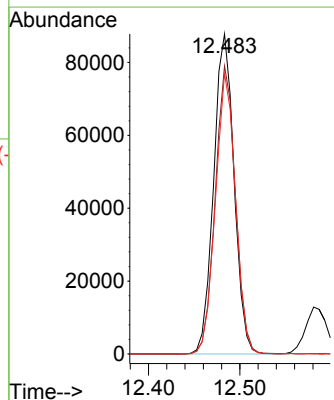
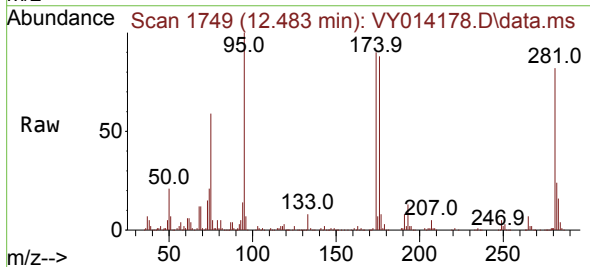
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

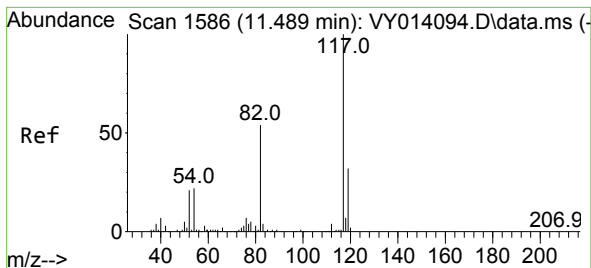
Tgt Ion:107 Resp: 97810
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.817 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

Tgt Ion: 95 Resp: 135899
Ion Ratio Lower Upper
95 100
174 89.3 0.0 178.2
176 86.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

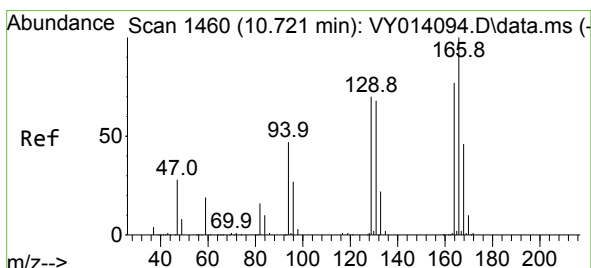
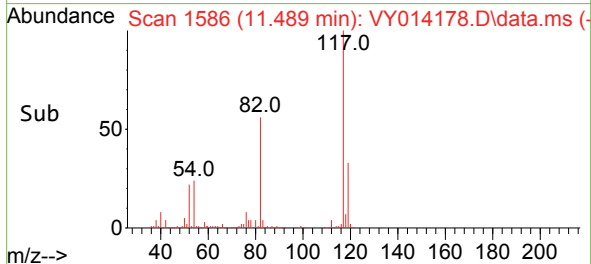
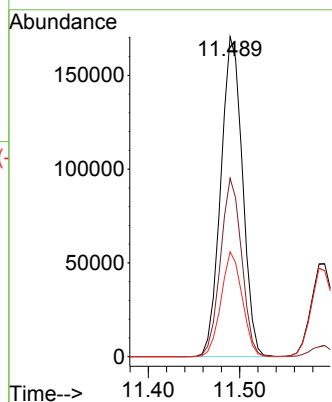
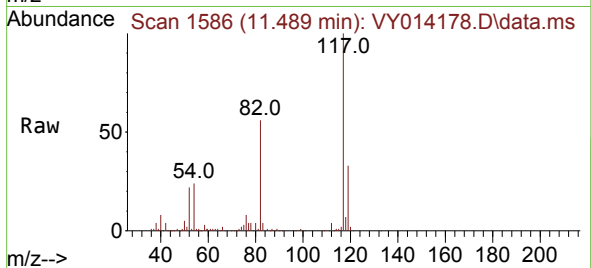
Tgt Ion:117 Resp: 281671

Ion Ratio Lower Upper

117 100

82 55.7 43.4 65.0

119 32.8 26.3 39.5



#64

Tetrachloroethene

Concen: 45.782 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

Tgt Ion:164 Resp: 109917

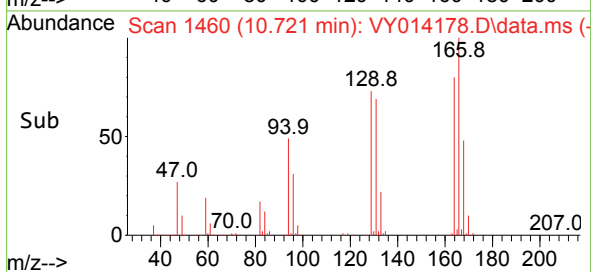
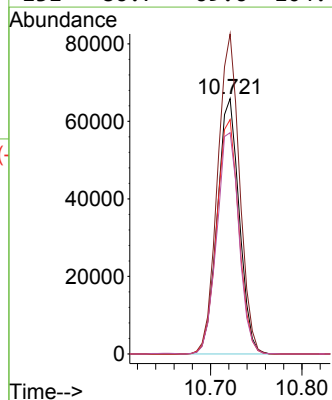
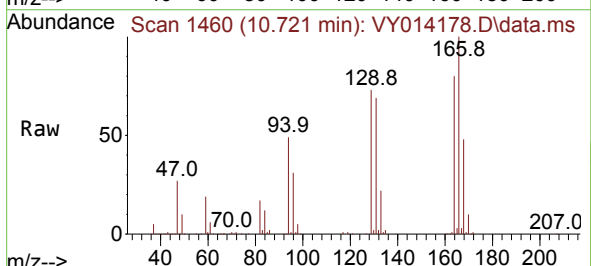
Ion Ratio Lower Upper

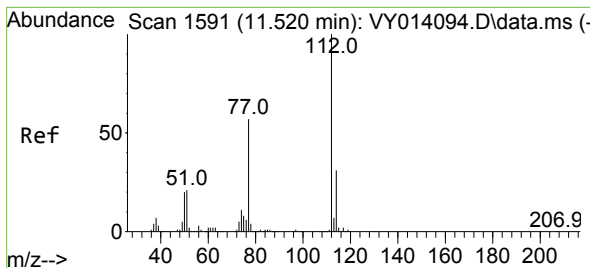
164 100

166 125.3 103.0 154.6

129 91.8 77.2 115.8

131 86.7 69.6 104.4

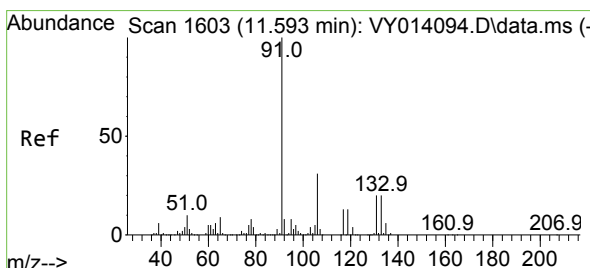
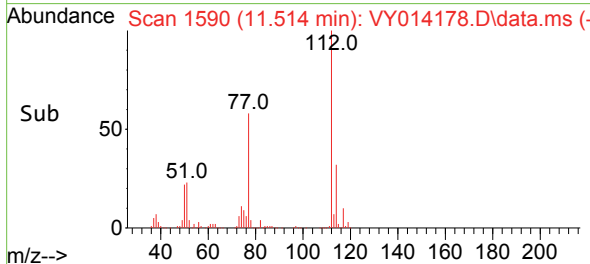
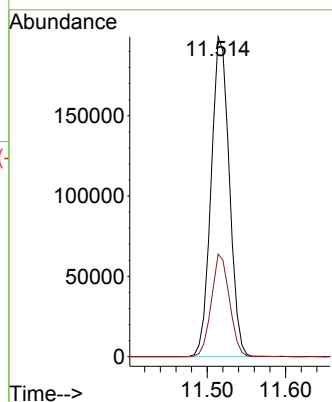
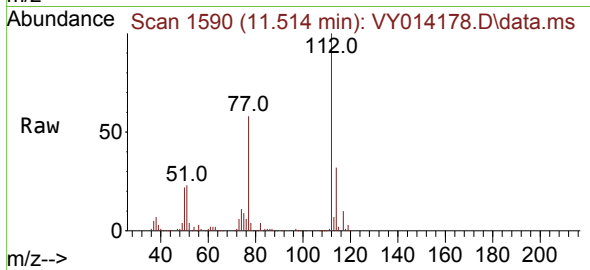




#65
Chlorobenzene
Concen: 47.480 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

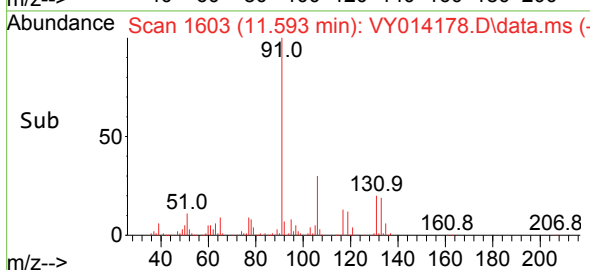
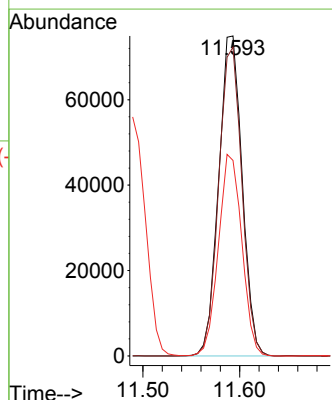
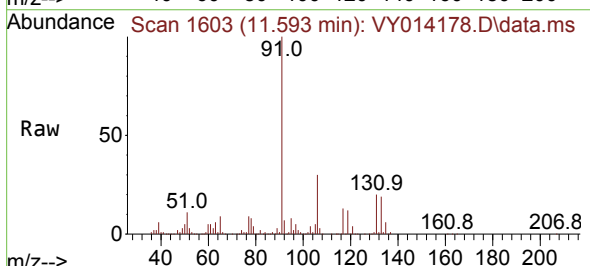
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

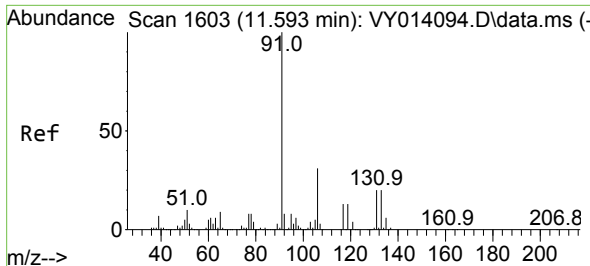
Tgt Ion:112 Resp: 321351
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 47.448 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

Tgt Ion:131 Resp: 126308
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 62.9 31.6 94.7

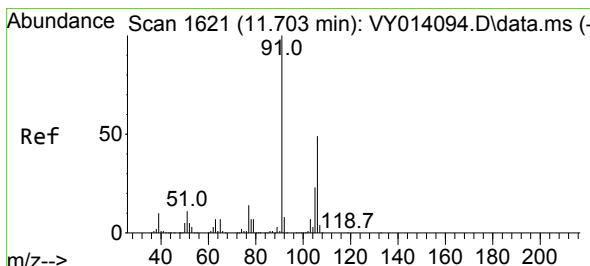
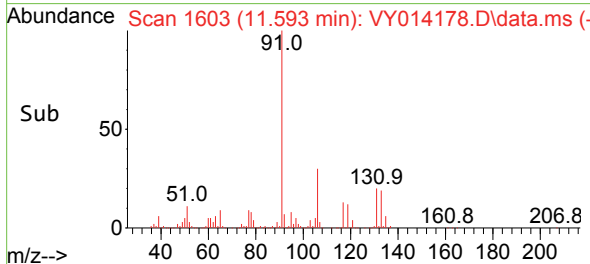
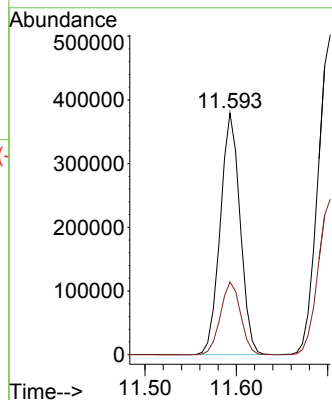
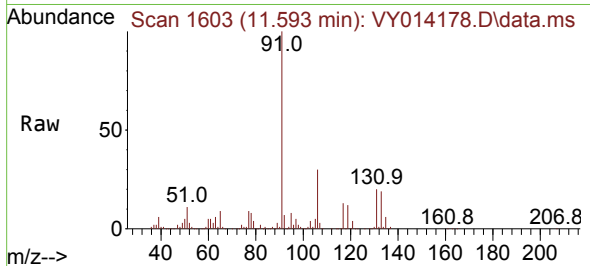




#67
Ethyl Benzene
Concen: 48.348 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

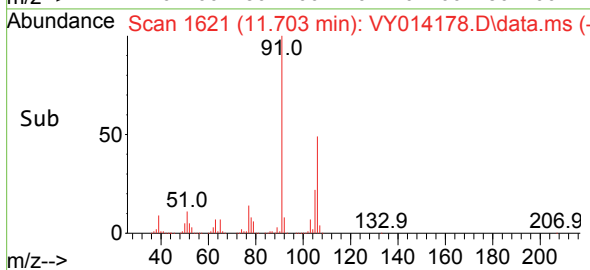
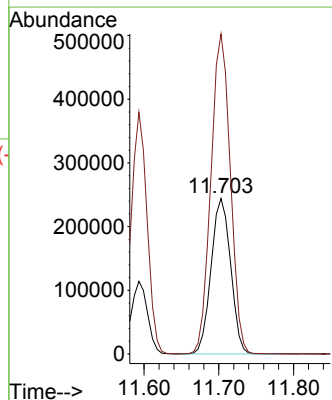
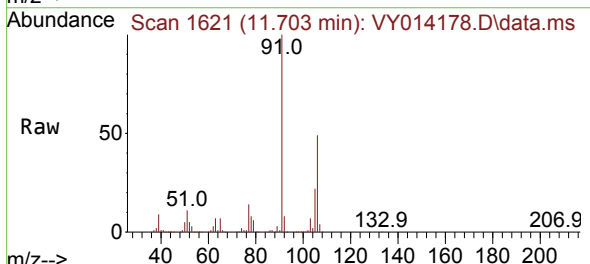
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

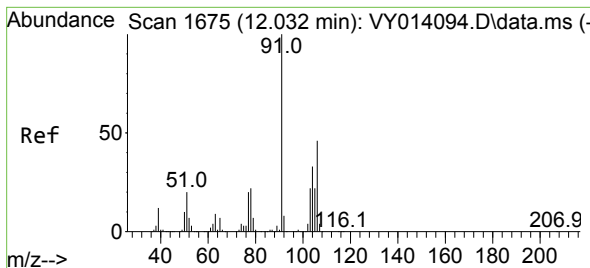
Tgt Ion: 91 Resp: 572775
Ion Ratio Lower Upper
91 100
106 30.1 24.6 36.8



#68
m/p-Xylenes
Concen: 97.605 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

Tgt Ion: 106 Resp: 444764
Ion Ratio Lower Upper
106 100
91 204.7 166.1 249.1

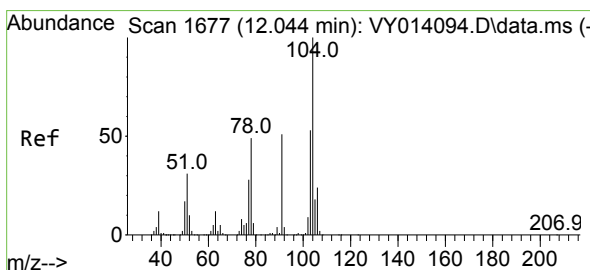
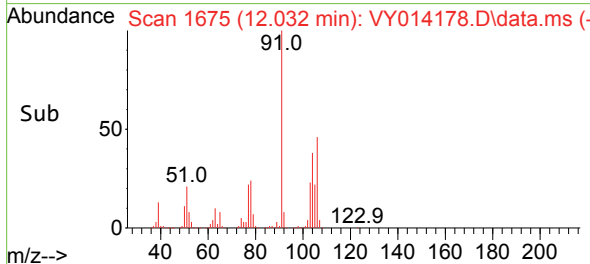
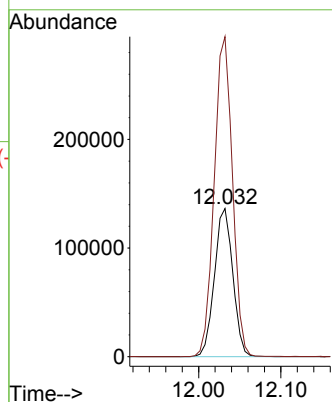
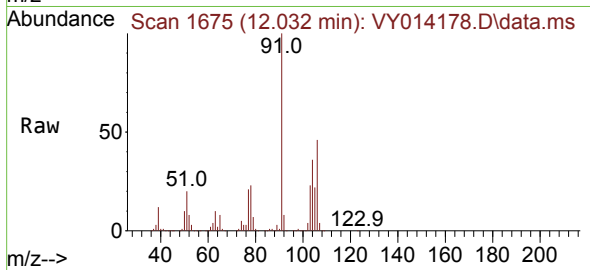




#69
o-Xylene
Concen: 49.186 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

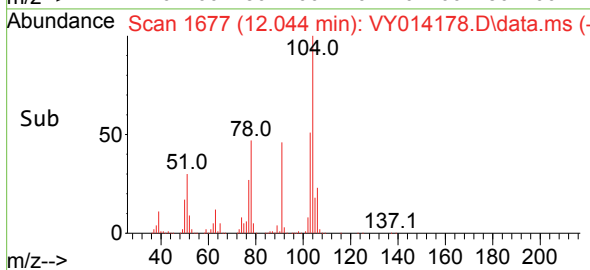
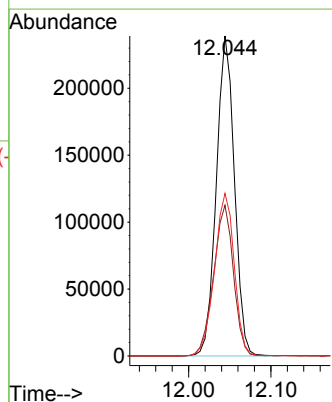
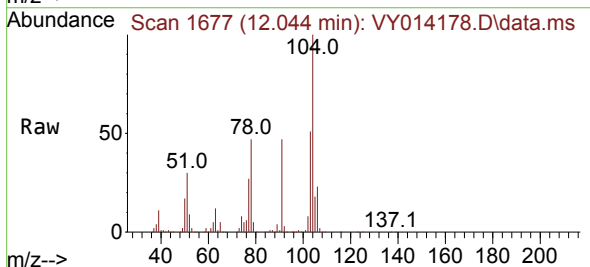
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

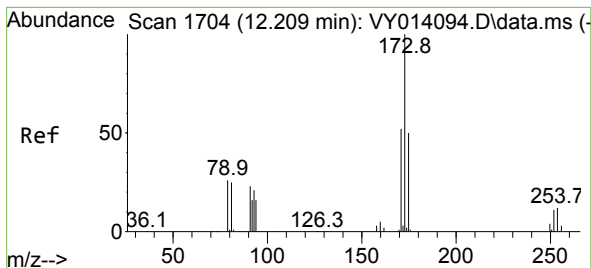
Tgt Ion:106 Resp: 211900
Ion Ratio Lower Upper
106 100
91 214.6 108.1 324.3



#70
Styrene
Concen: 49.685 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

Tgt Ion:104 Resp: 365331
Ion Ratio Lower Upper
104 100
78 51.9 41.5 62.3
103 55.7 44.6 67.0





#71

Bromoform

Concen: 48.489 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

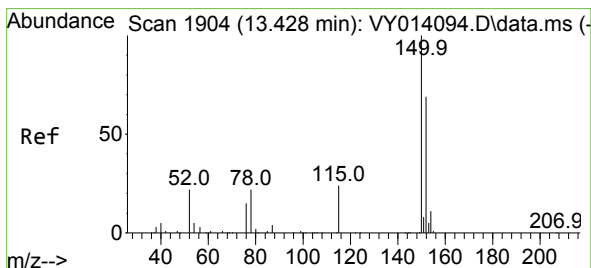
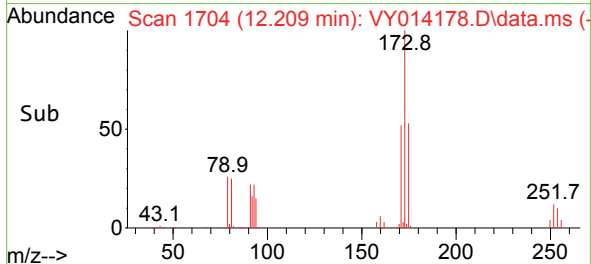
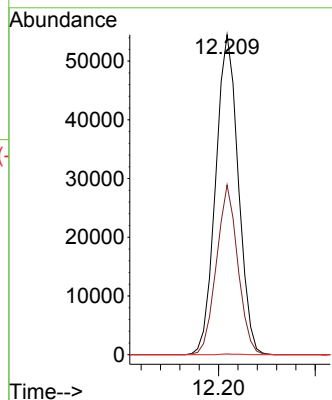
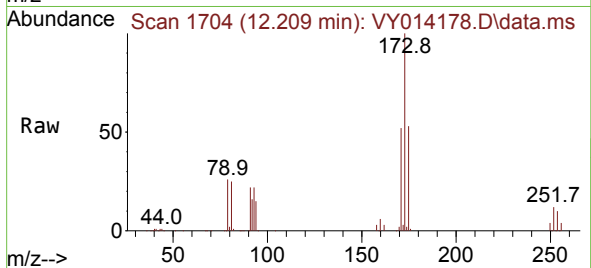
Tgt Ion:173 Resp: 88401

Ion Ratio Lower Upper

173 100

175 50.2 24.6 73.8

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

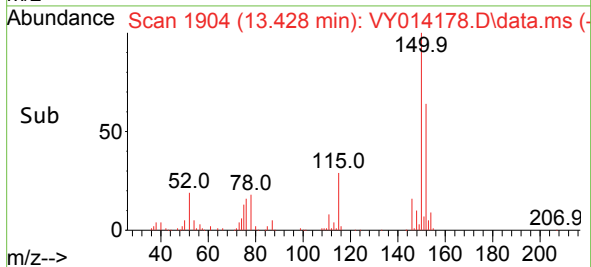
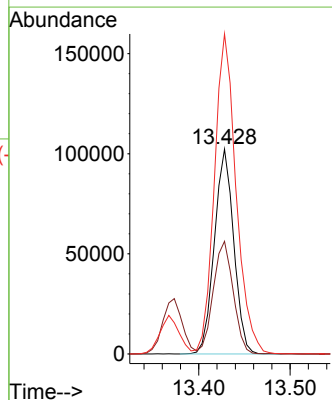
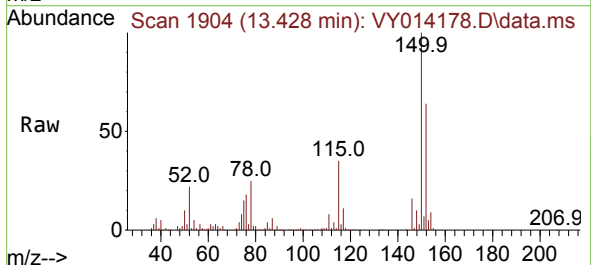
Tgt Ion:152 Resp: 150674

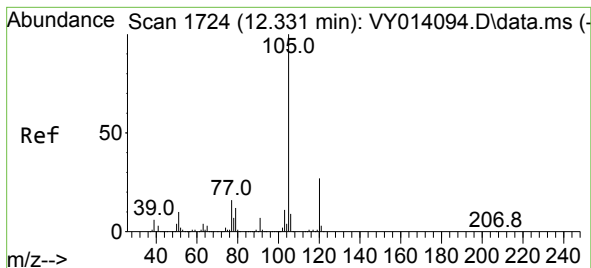
Ion Ratio Lower Upper

152 100

115 56.1 28.8 86.5

150 175.3 0.0 348.8





#73

Isopropylbenzene

Concen: 46.972 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

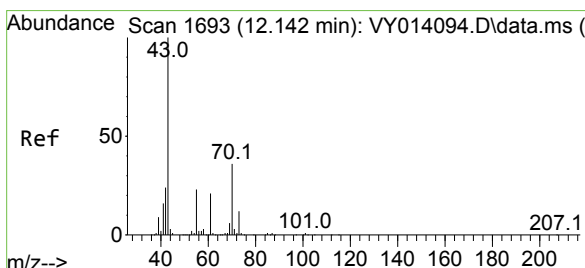
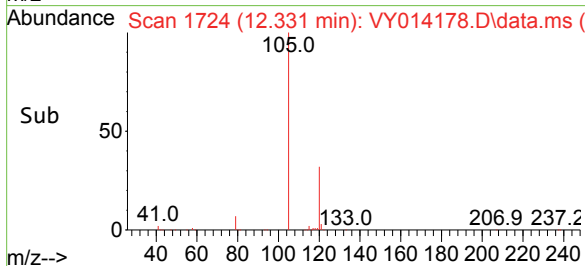
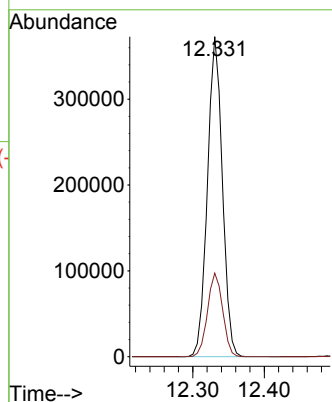
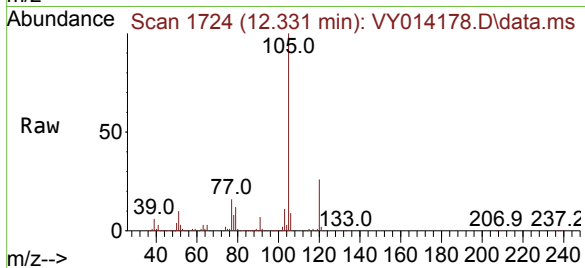
VSTDCCC050

Tgt Ion:105 Resp: 539917

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 48.799 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

Tgt Ion: 43 Resp: 177749

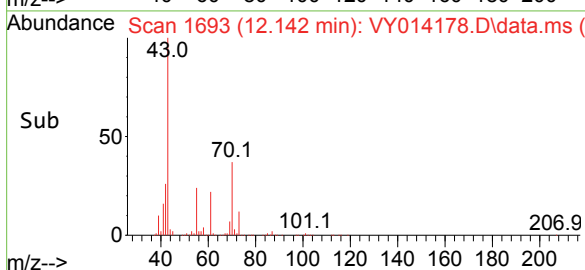
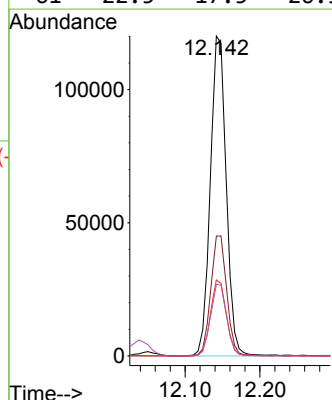
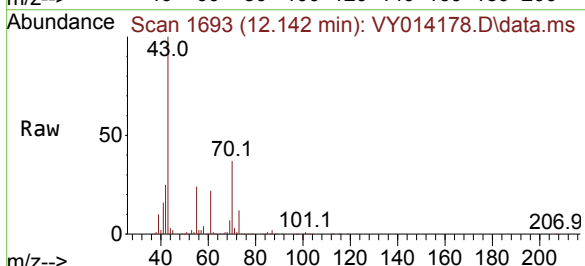
Ion Ratio Lower Upper

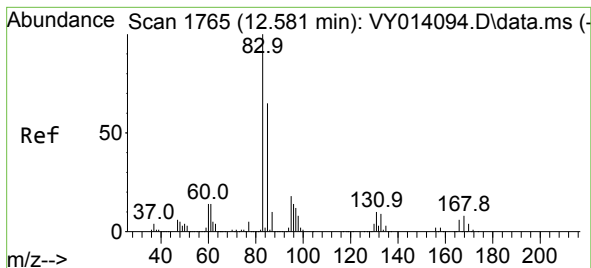
43 100

70 37.7 29.7 44.5

55 24.1 18.3 27.5

61 22.5 17.5 26.3

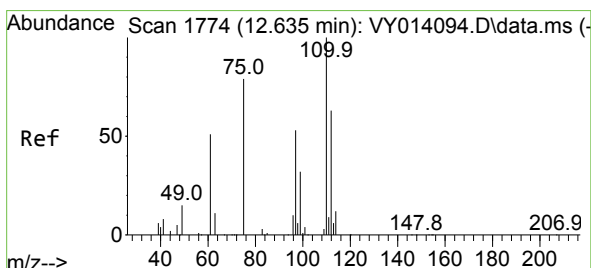
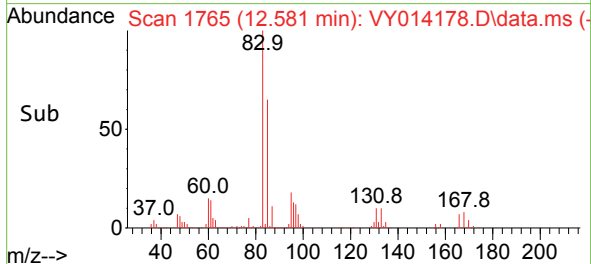
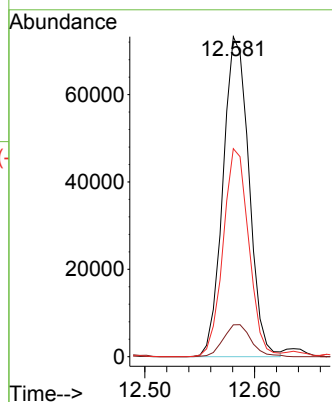
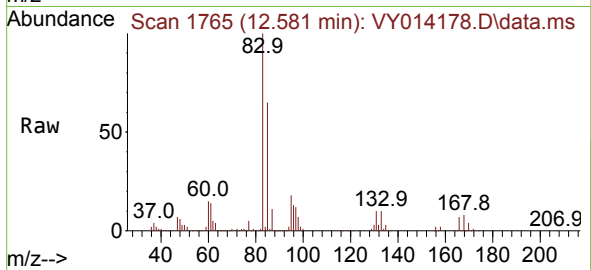




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.961 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY014178.D
 Acq: 15 Jun 2023 10:12

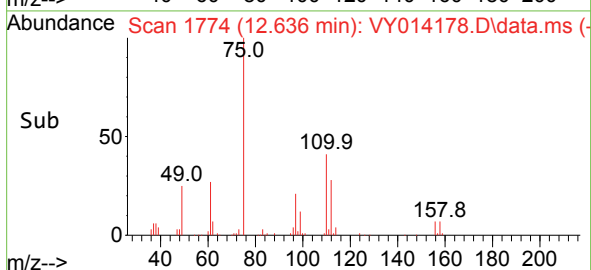
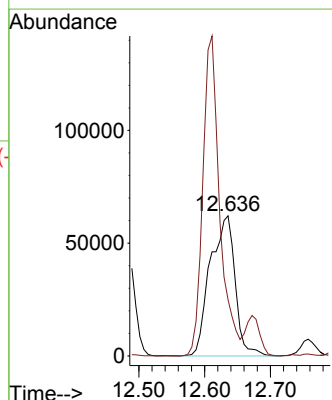
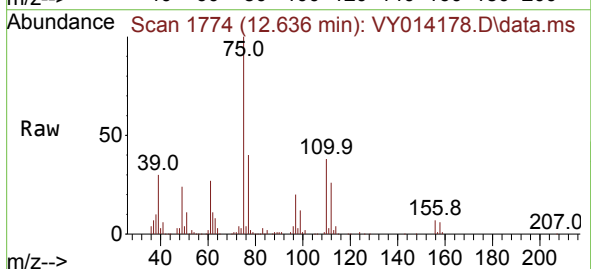
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

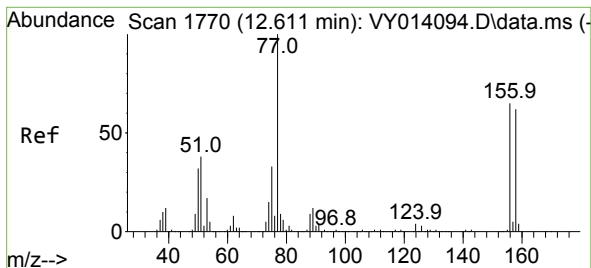
Tgt Ion: 83 Resp: 120615
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.4 16.2
 85 64.3 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 82.959 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.001 min
 Lab File: VY014178.D
 Acq: 15 Jun 2023 10:12

Tgt Ion: 75 Resp: 163994
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.595 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

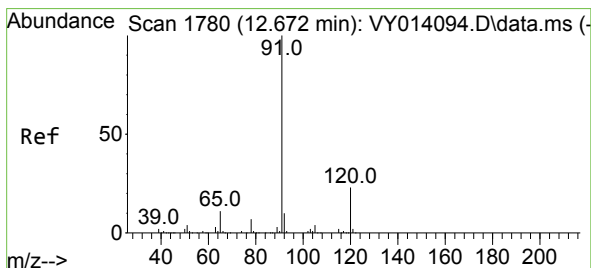
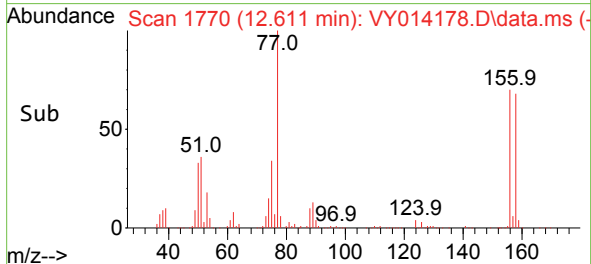
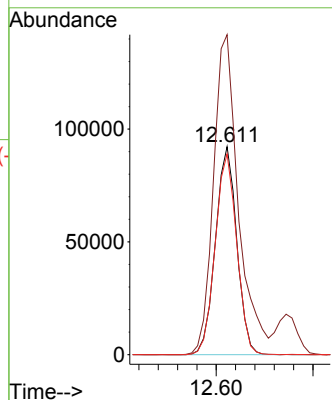
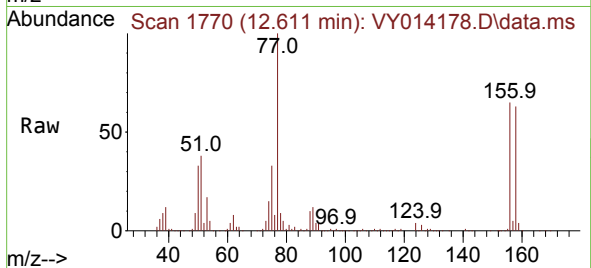
Tgt Ion:156 Resp: 140766

Ion Ratio Lower Upper

156 100

77 180.4 92.8 278.6

158 97.6 48.4 145.3



#78

n-propylbenzene

Concen: 47.064 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014178.D

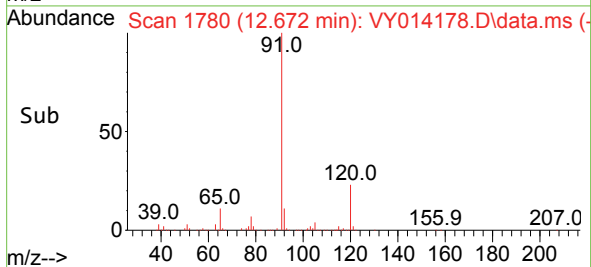
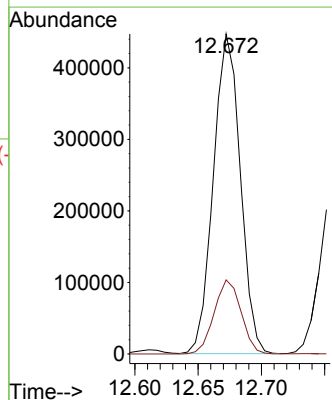
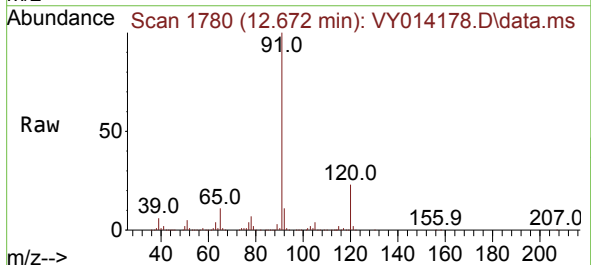
Acq: 15 Jun 2023 10:12

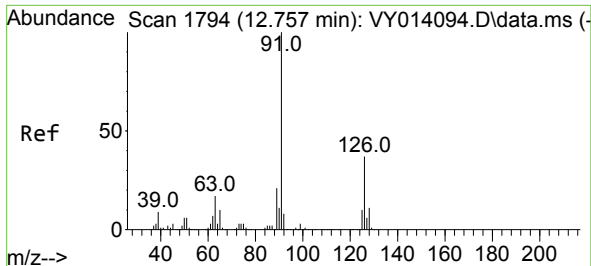
Tgt Ion: 91 Resp: 660749

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 46.837 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

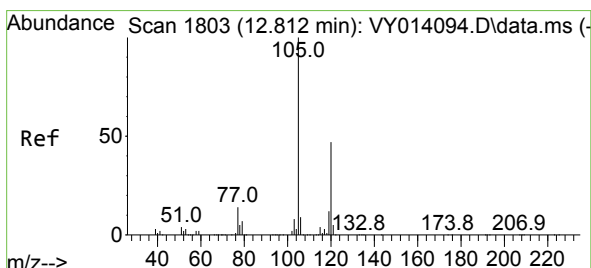
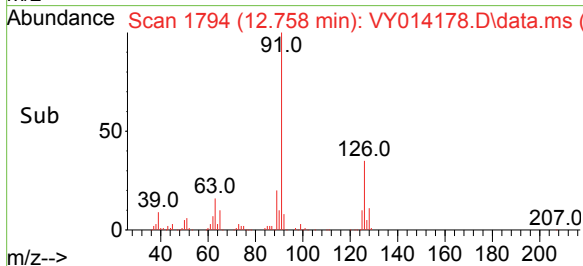
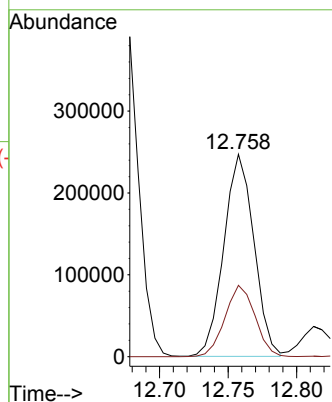
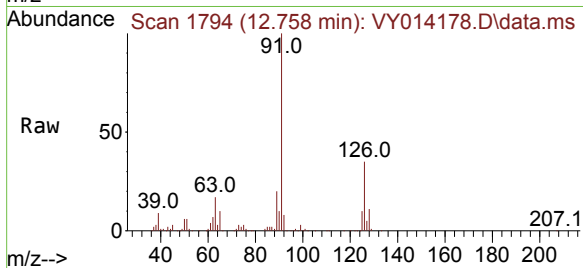
VSTDCCC050

Tgt Ion: 91 Resp: 378357

Ion Ratio Lower Upper

91 100

126 35.2 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 47.238 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY014178.D

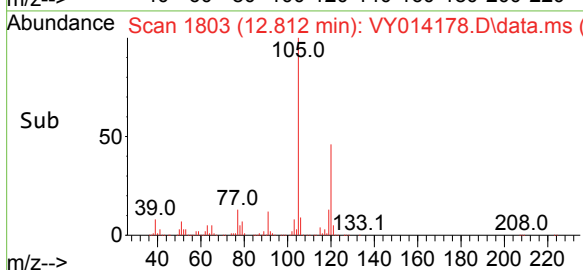
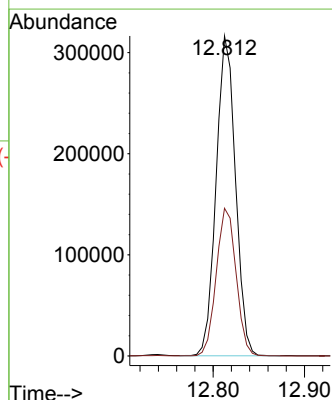
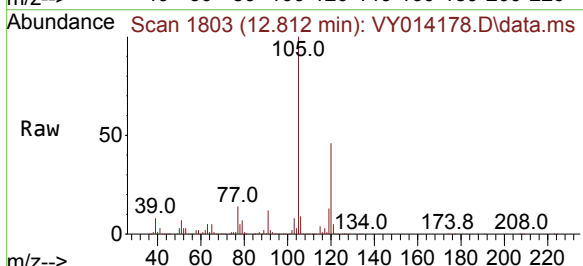
Acq: 15 Jun 2023 10:12

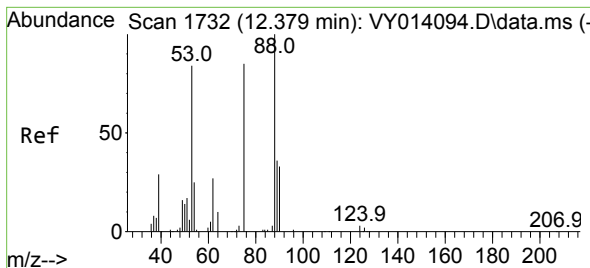
Tgt Ion:105 Resp: 464916

Ion Ratio Lower Upper

105 100

120 47.4 23.9 71.7

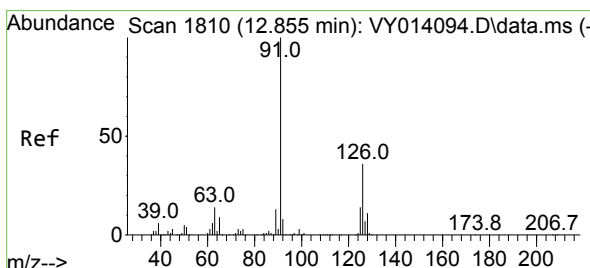
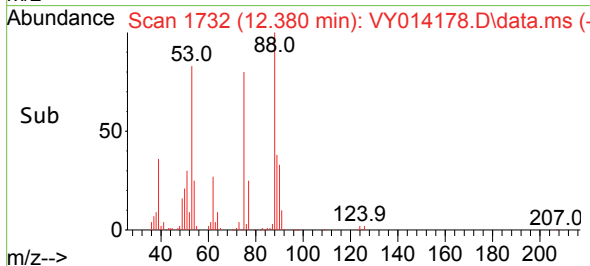
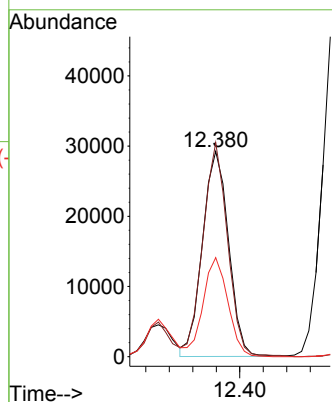
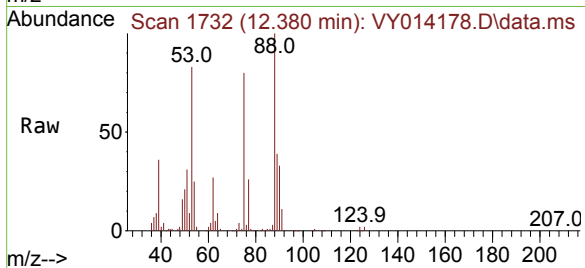




#81
trans-1,4-Dichloro-2-butene
Concen: 49.243 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

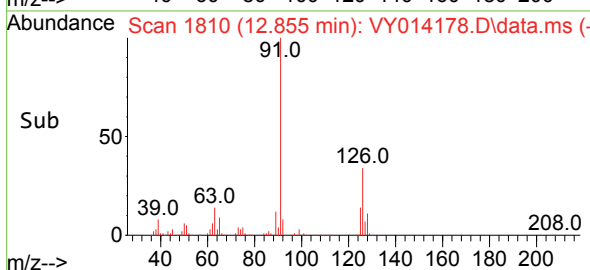
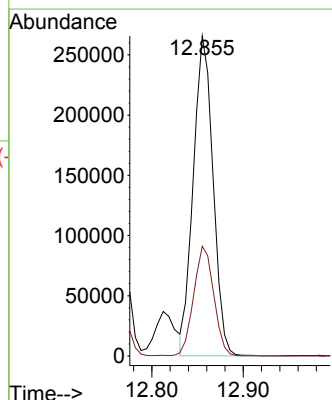
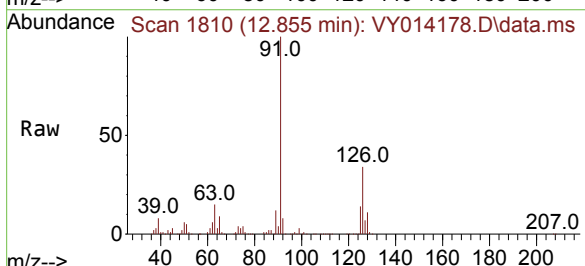
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

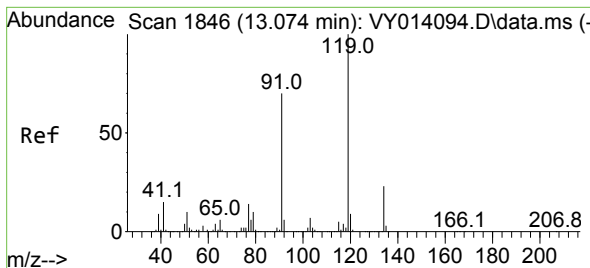
Tgt Ion: 75 Resp: 45033
Ion Ratio Lower Upper
75 100
53 99.1 77.8 116.8
89 46.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 46.625 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

Tgt Ion: 91 Resp: 399131
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 45.548 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

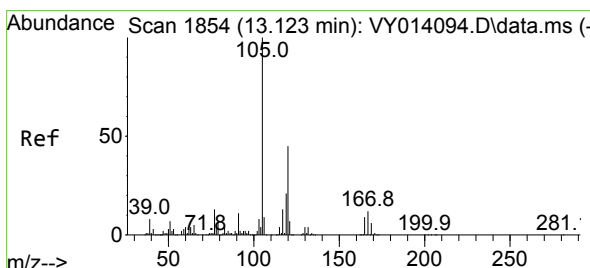
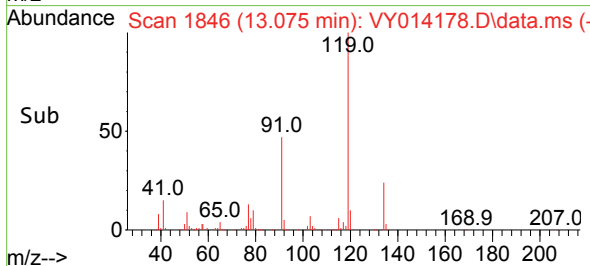
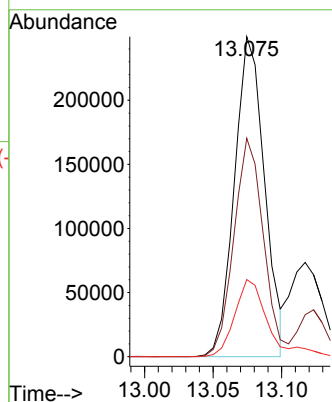
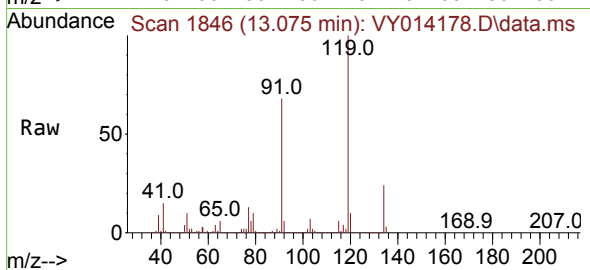
Tgt Ion:119 Resp: 380947

Ion Ratio Lower Upper

119 100

91 67.2 32.9 98.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 48.457 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY014178.D

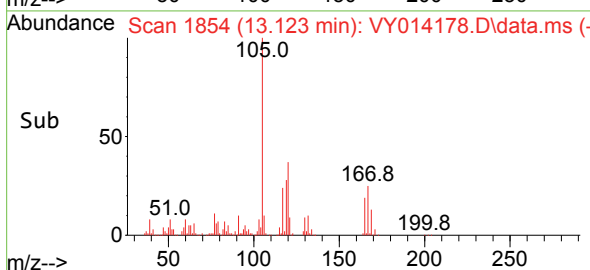
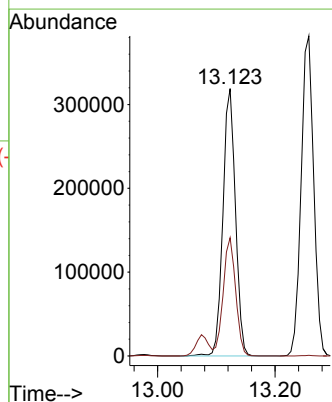
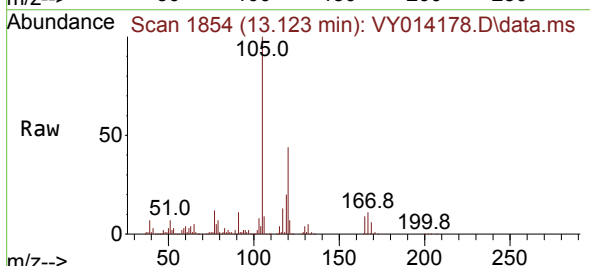
Acq: 15 Jun 2023 10:12

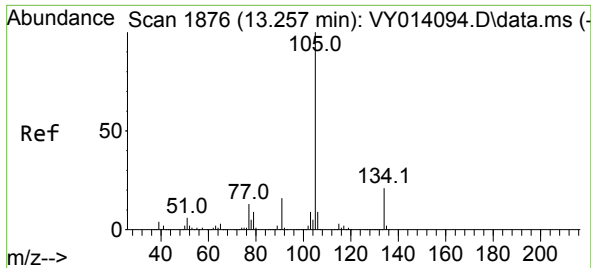
Tgt Ion:105 Resp: 472085

Ion Ratio Lower Upper

105 100

120 44.1 22.2 66.6

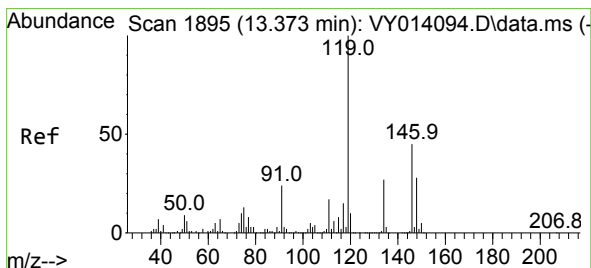
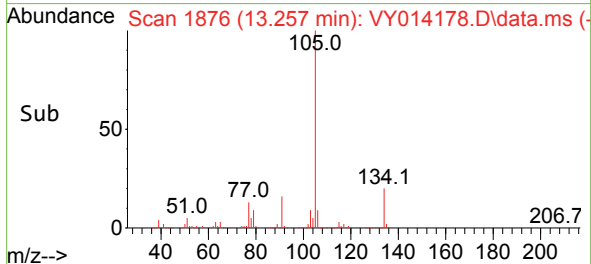
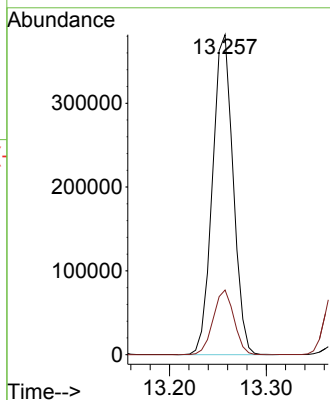
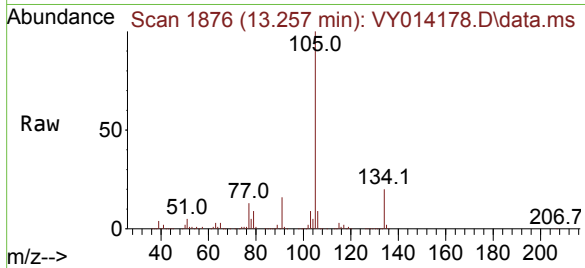




#85
 sec-Butylbenzene
 Concen: 46.546 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY014178.D
 Acq: 15 Jun 2023 10:12

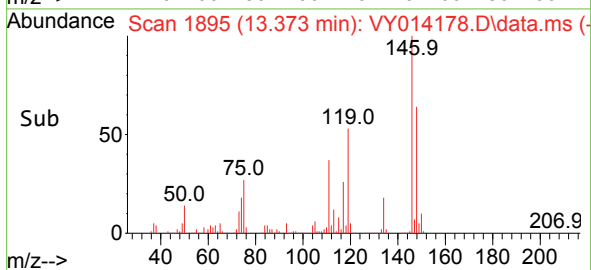
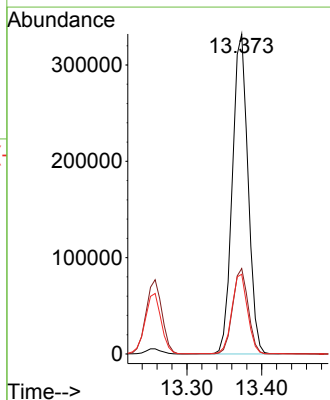
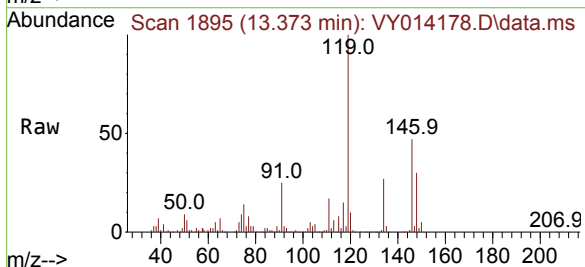
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

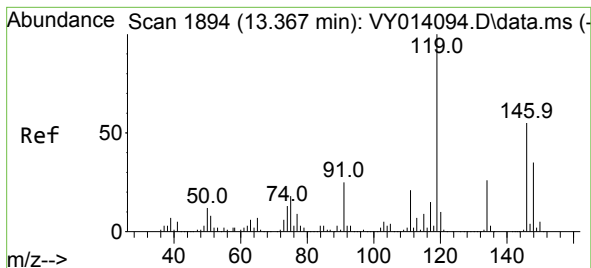
Tgt Ion:105 Resp: 565985
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 46.655 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY014178.D
 Acq: 15 Jun 2023 10:12

Tgt Ion:119 Resp: 485529
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 24.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 46.872 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

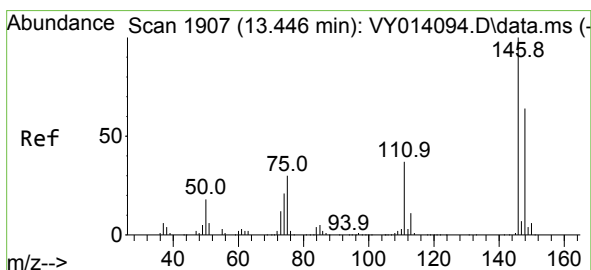
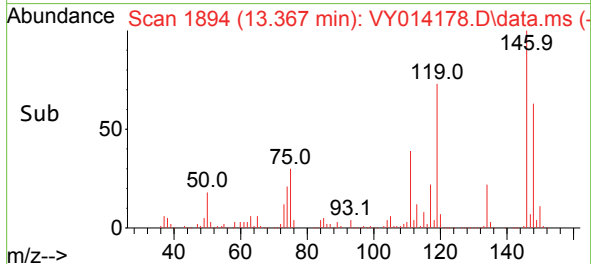
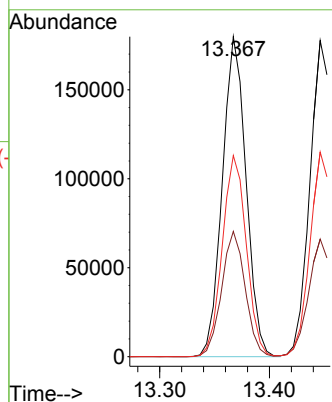
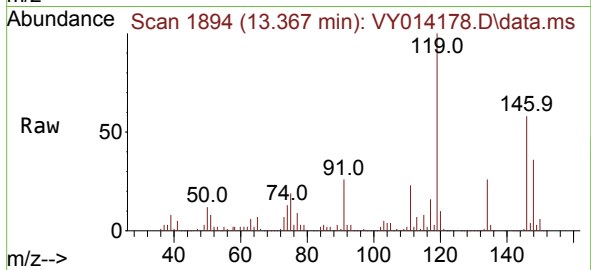
Tgt Ion:146 Resp: 270361

Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.2

148 63.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 45.986 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

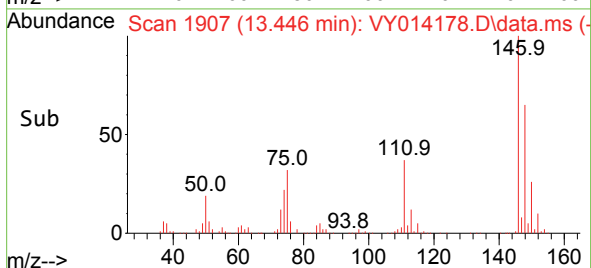
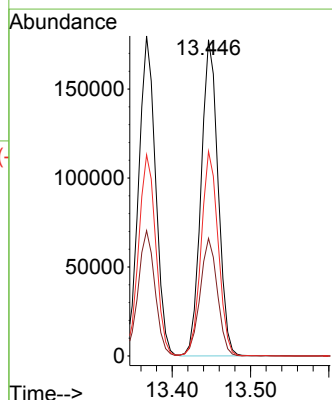
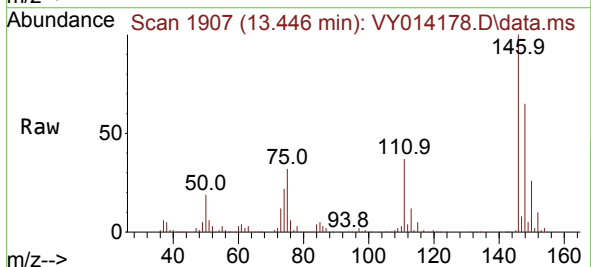
Tgt Ion:146 Resp: 267254

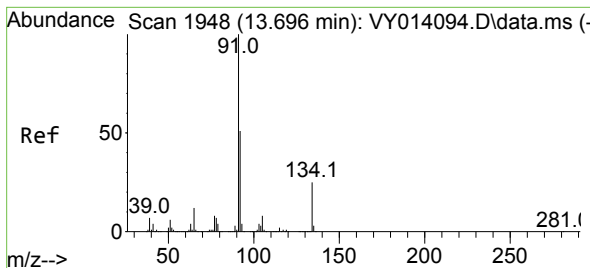
Ion Ratio Lower Upper

146 100

111 37.8 18.9 56.7

148 64.9 32.1 96.5

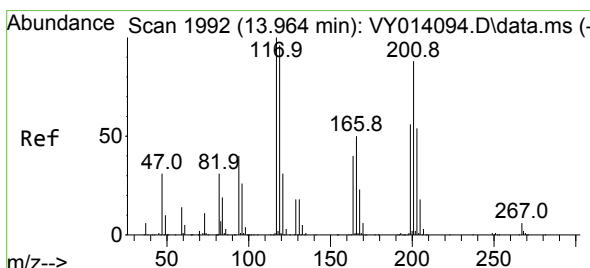
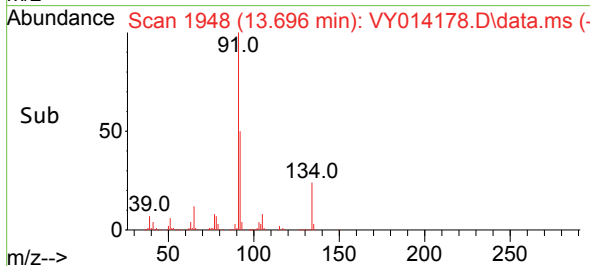
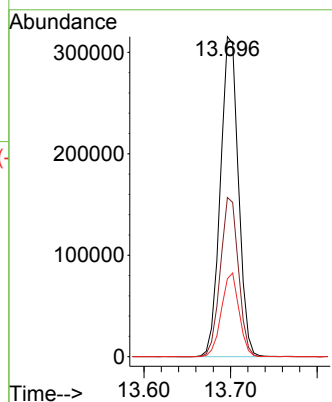
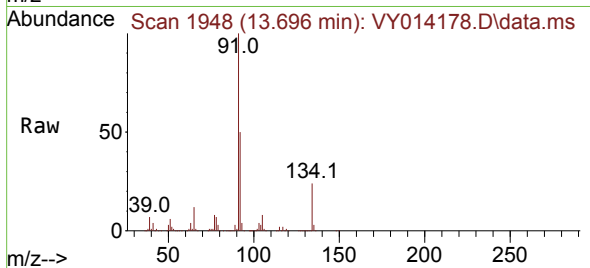




#89
n-Butylbenzene
Concen: 47.222 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

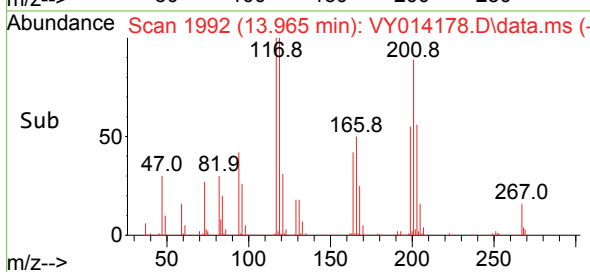
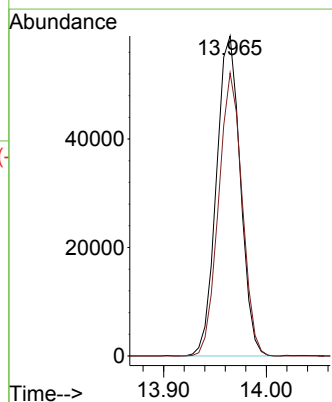
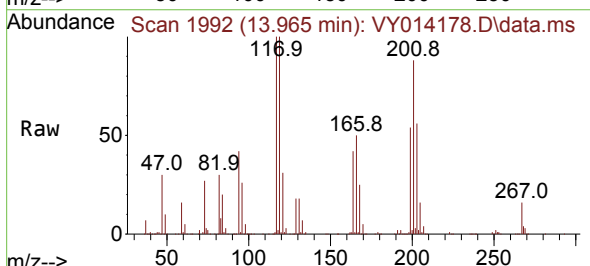
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

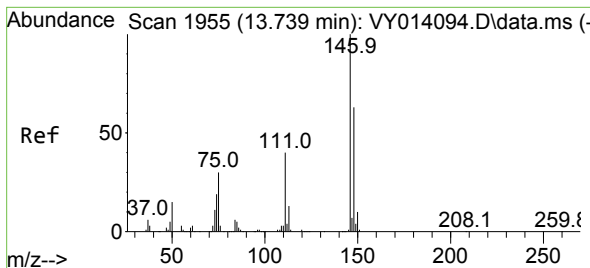
Tgt Ion: 91 Resp: 455795
Ion Ratio Lower Upper
91 100
92 49.9 25.4 76.0
134 25.6 12.6 37.6



#90
Hexachloroethane
Concen: 45.946 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.001 min
Lab File: VY014178.D
Acq: 15 Jun 2023 10:12

Tgt Ion: 117 Resp: 95277
Ion Ratio Lower Upper
117 100
201 86.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 47.386 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

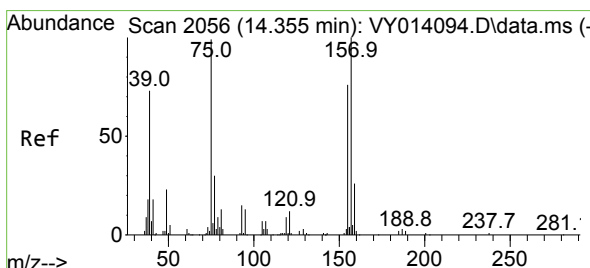
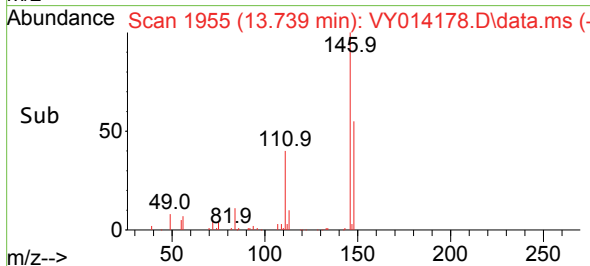
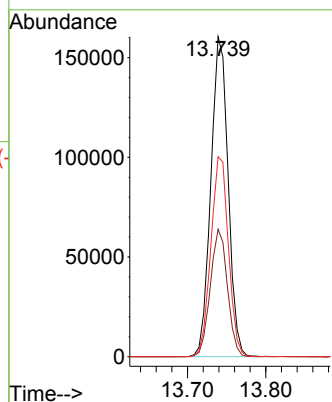
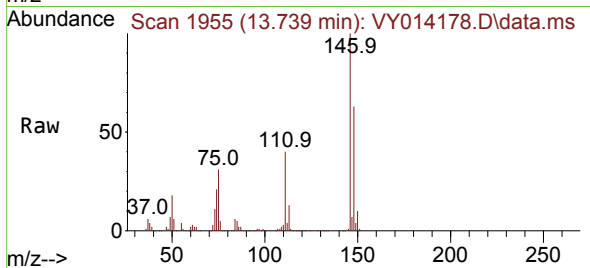
Tgt Ion:146 Resp: 245486

Ion Ratio Lower Upper

146 100

111 39.5 19.7 59.0

148 63.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.829 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

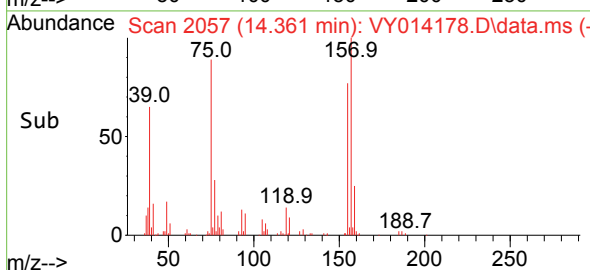
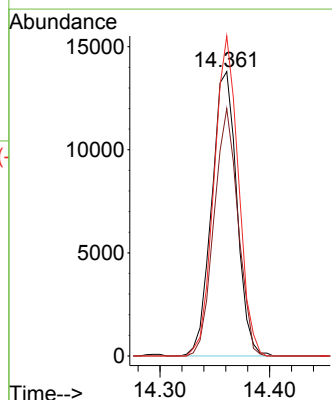
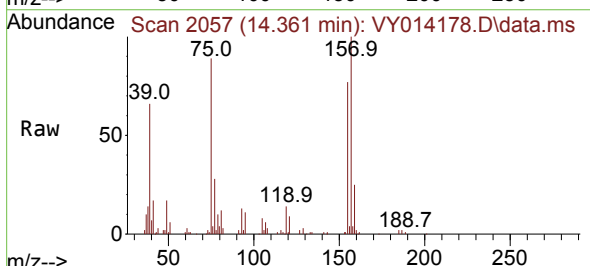
Tgt Ion: 75 Resp: 21926

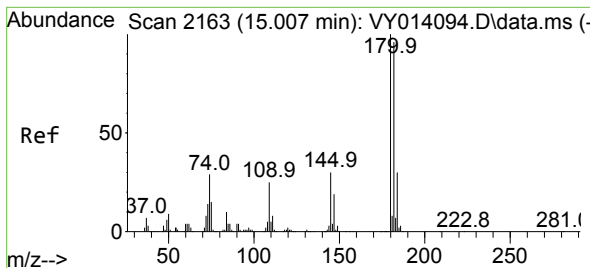
Ion Ratio Lower Upper

75 100

155 83.2 41.5 124.6

157 109.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 46.163 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

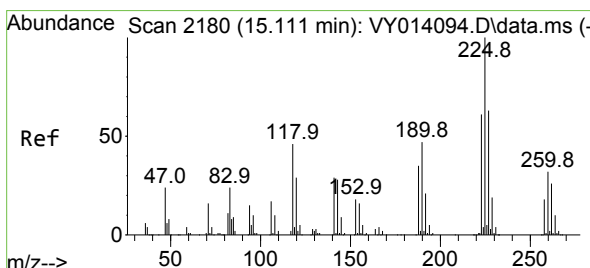
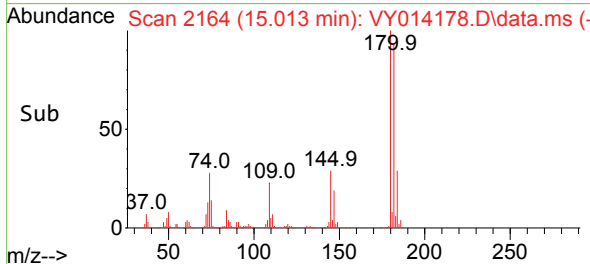
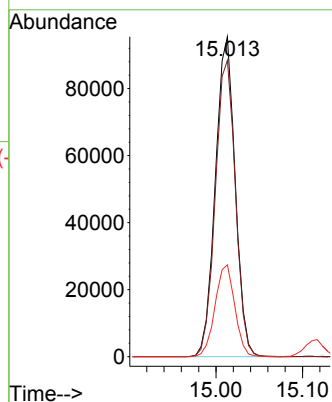
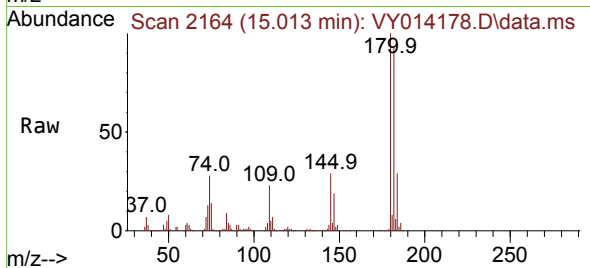
Tgt Ion:180 Resp: 151498

Ion Ratio Lower Upper

180 100

182 94.1 47.0 141.2

145 28.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 44.528 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

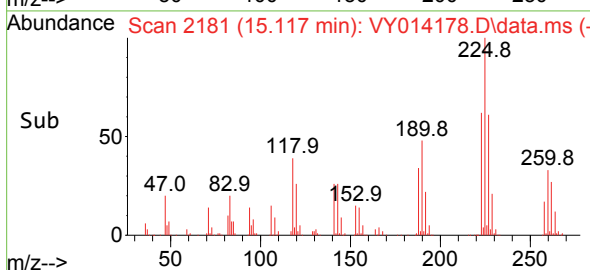
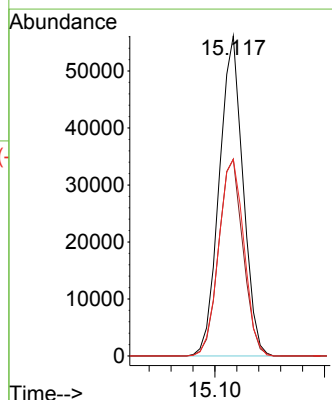
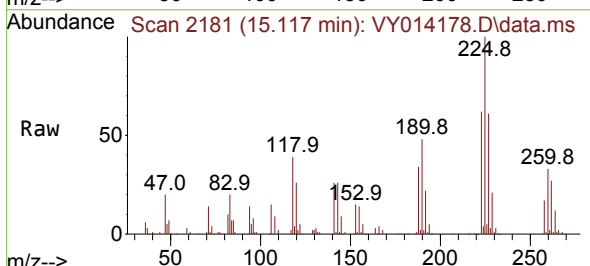
Tgt Ion:225 Resp: 84366

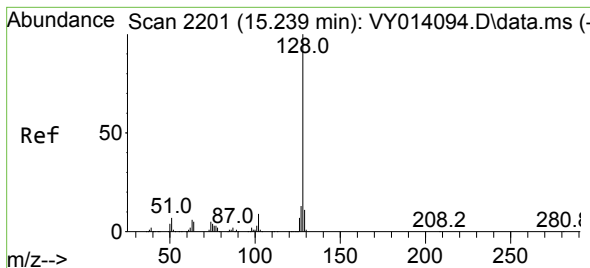
Ion Ratio Lower Upper

225 100

223 63.1 31.9 95.9

227 65.3 33.0 98.9





#95

Naphthalene

Concen: 45.203 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

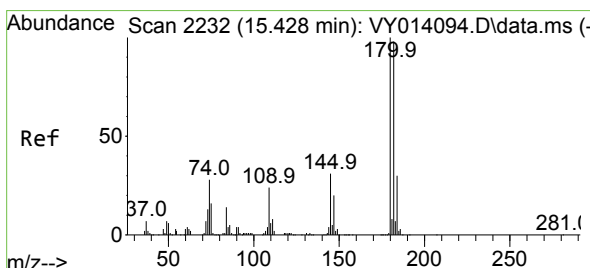
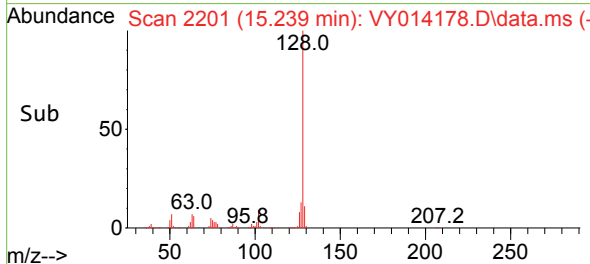
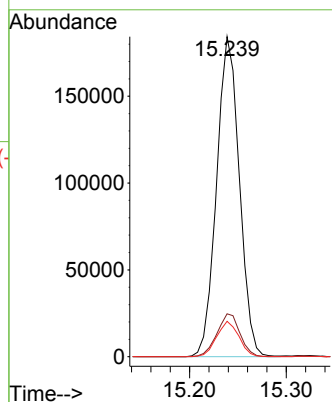
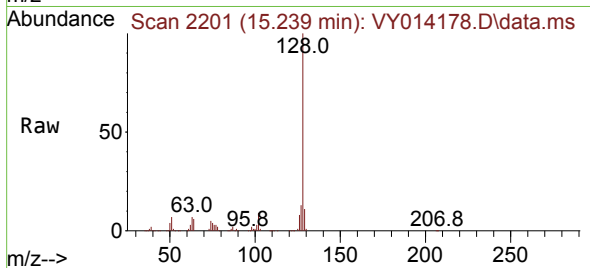
Tgt Ion:128 Resp: 301110

Ion Ratio Lower Upper

128 100

127 13.6 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 44.950 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY014178.D

Acq: 15 Jun 2023 10:12

Tgt Ion:180 Resp: 133300

Ion Ratio Lower Upper

180 100

182 96.3 47.3 141.8

145 31.3 15.4 46.2

