

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
 Data File : VY014638.D
 Acq On : 14 Jul 2023 11:00
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Jul 14 23:04:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	286902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	486782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	430789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	214736	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	178112	54.479	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.960%	
35) Dibromofluoromethane	7.710	113	164473	53.077	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.160%	
50) Toluene-d8	10.173	98	586565	51.343	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.680%	
62) 4-Bromofluorobenzene	12.477	95	223583	51.040	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	98827	42.280	ug/l	100
3) Chloromethane	2.107	50	128067	48.741	ug/l	97
4) Vinyl Chloride	2.247	62	143614	48.907	ug/l	96
5) Bromomethane	2.638	94	102377	52.755	ug/l	98
6) Chloroethane	2.784	64	94106	51.304	ug/l	96
7) Trichlorofluoromethane	3.113	101	226373	45.900	ug/l	99
8) Diethyl Ether	3.522	74	92123	50.203	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.887	101	136091	45.020	ug/l	95
10) Methyl Iodide	4.082	142	159280	49.719	ug/l	95
11) Tert butyl alcohol	4.942	59	159051	233.778	ug/l #	87
12) 1,1-Dichloroethene	3.863	96	131883	46.680	ug/l	91
13) Acrolein	3.717	56	80349	235.136	ug/l	100
14) Allyl chloride	4.466	41	236010	47.048	ug/l	96
15) Acrylonitrile	5.149	53	274820	271.592	ug/l	97
16) Acetone	3.942	43	286332	276.377	ug/l	92
17) Carbon Disulfide	4.186	76	361505	44.693	ug/l	98
18) Methyl Acetate	4.466	43	213227	53.632	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	472671	51.503	ug/l	99
20) Methylene Chloride	4.704	84	170863	50.838	ug/l	93
21) trans-1,2-Dichloroethene	5.210	96	152204	47.472	ug/l	97
22) Diisopropyl ether	6.106	45	506743	49.687	ug/l	93
23) Vinyl Acetate	6.052	43	1563905	256.241	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	285290	48.888	ug/l	97
25) 2-Butanone	6.972	43	406879	268.445	ug/l	97
26) 2,2-Dichloropropane	6.972	77	262594	47.215	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	186743	50.038	ug/l	95
28) Bromochloromethane	7.326	49	129498	51.526	ug/l	95
29) Tetrahydrofuran	7.338	42	252481	270.527	ug/l	93
30) Chloroform	7.496	83	298031	49.526	ug/l	97
31) Cyclohexane	7.777	56	227041	41.834	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	259081	47.836	ug/l	98
36) 1,1-Dichloropropene	7.911	75	211680	45.679	ug/l	99
37) Ethyl Acetate	7.064	43	164342	51.509	ug/l #	94
38) Carbon Tetrachloride	7.893	117	224971	45.926	ug/l	96
39) Methylcyclohexane	9.179	83	259250	42.941	ug/l	96
40) Benzene	8.155	78	629263	47.746	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	227958	138.907	ug/l #	28
42) 1,2-Dichloroethane	8.228	62	207402	49.694	ug/l	94
43) Isopropyl Acetate	8.271	43	307335	50.568	ug/l	97
44) Trichloroethene	8.935	130	174459	47.311	ug/l	99
45) 1,2-Dichloropropane	9.210	63	164429	47.779	ug/l	100
46) Dibromomethane	9.301	93	103563	49.605	ug/l	96
47) Bromodichloromethane	9.490	83	240709	48.918	ug/l	100
48) Methyl methacrylate	9.289	41	137993	50.458	ug/l	93
49) 1,4-Dioxane	9.295	88	35635	1046.766	ug/l #	59
51) 4-Methyl-2-Pentanone	10.063	43	834257	261.436	ug/l	93
52) Toluene	10.240	92	402733	47.754	ug/l	93
53) t-1,3-Dichloropropene	10.459	75	260061	48.317	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	284286	48.569	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	145438	50.010	ug/l	97
56) Ethyl methacrylate	10.508	69	225606	50.808	ug/l	90
57) 1,3-Dichloropropane	10.789	76	249193	49.679	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.777	63	570835	275.907	ug/l	95
59) 2-Hexanone	10.831	43	620840	266.788	ug/l	93
60) Dibromochloromethane	10.984	129	177864	49.883	ug/l	99
61) 1,2-Dibromoethane	11.087	107	145952	50.307	ug/l	100
64) Tetrachloroethene	10.715	164	163200	47.104	ug/l	98
65) Chlorobenzene	11.514	112	441697	48.115	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	170278	49.195	ug/l	99
67) Ethyl Benzene	11.587	91	778944	46.996	ug/l	99
68) m/p-Xylenes	11.697	106	598551	94.604	ug/l	97
69) o-Xylene	12.026	106	293376	47.607	ug/l	99
70) Styrene	12.038	104	502036	48.336	ug/l	98
71) Bromoform	12.203	173	120502	51.362	ug/l #	99
73) Isopropylbenzene	12.325	105	762673	45.360	ug/l	99
74) N-amyl acetate	12.142	43	276239	49.054	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	186816	48.722	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	250162	92.241	ug/l #	100
77) Bromobenzene	12.605	156	182589	47.573	ug/l	93
78) n-propylbenzene	12.666	91	922409	45.526	ug/l	99
79) 2-Chlorotoluene	12.752	91	539076	46.193	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	649382	46.246	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	69639	49.716	ug/l	94
82) 4-Chlorotoluene	12.849	91	557860	46.415	ug/l	99
83) tert-Butylbenzene	13.075	119	572501	45.961	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	645025	46.807	ug/l	99
85) sec-Butylbenzene	13.251	105	832982	45.587	ug/l	100
86) p-Isopropyltoluene	13.367	119	692204	46.398	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	356156	47.679	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	359804	48.068	ug/l	98
89) n-Butylbenzene	13.690	91	658200	45.347	ug/l	95
90) Hexachloroethane	13.959	117	142358	46.456	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	332081	48.523	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	36625	49.947	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	213183	49.071	ug/l	98
94) Hexachlorobutadiene	15.111	225	112255	47.020	ug/l	97
95) Naphthalene	15.233	128	515311	50.913	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	189947	49.196	ug/l	98

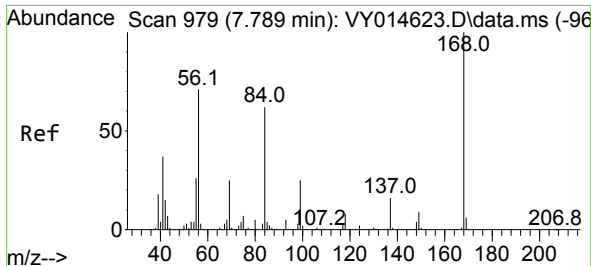
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
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Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

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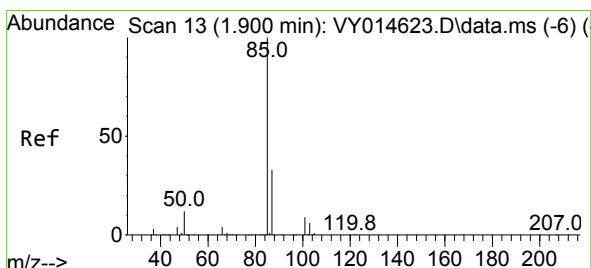
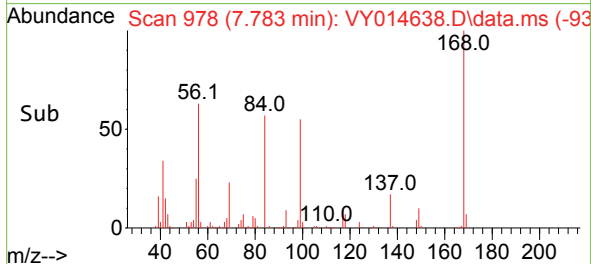
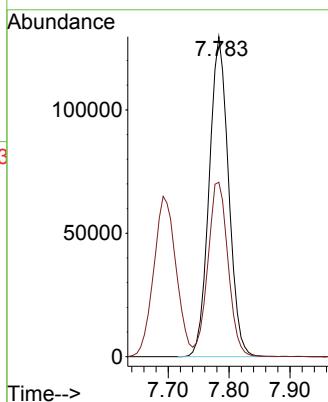
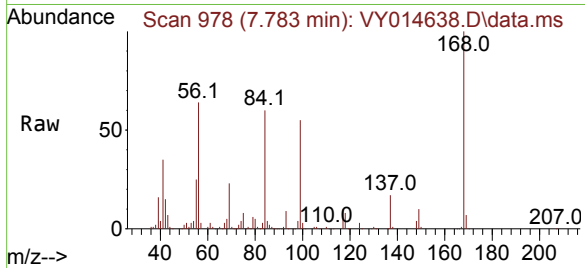
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

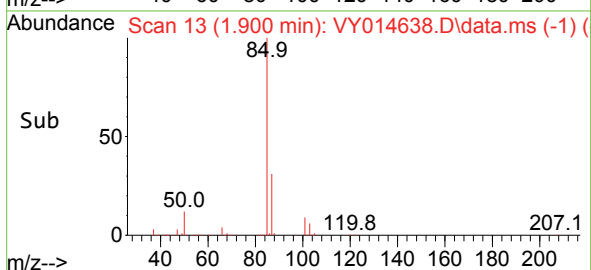
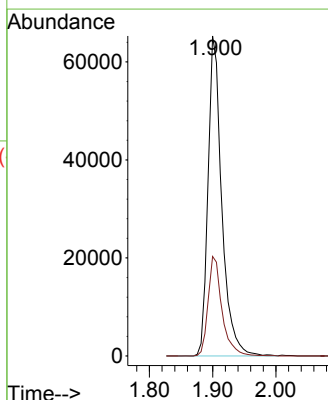
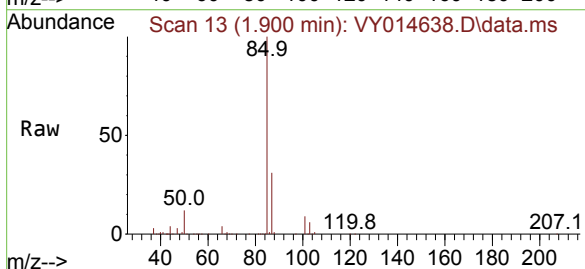
Instrument :
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VSTDCCC050

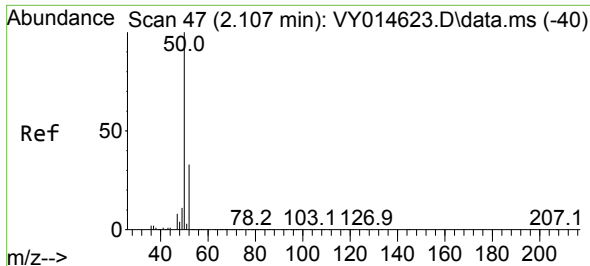
Tgt Ion:168 Resp: 286902
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 42.280 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion: 85 Resp: 98827
Ion Ratio Lower Upper
85 100
87 31.1 15.6 46.8

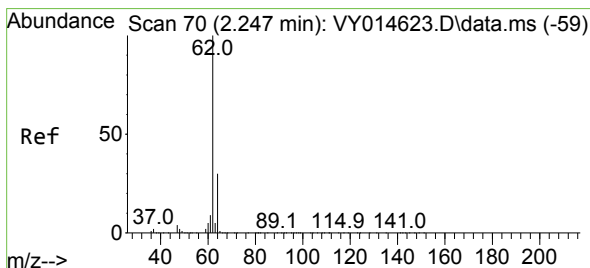
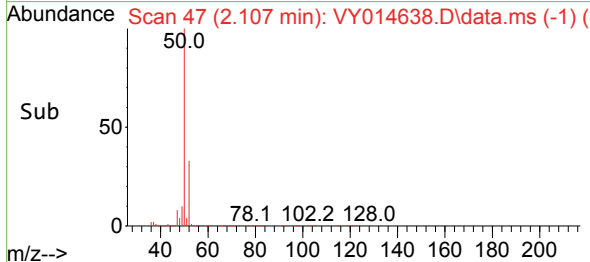
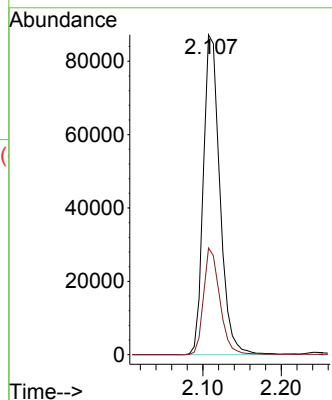
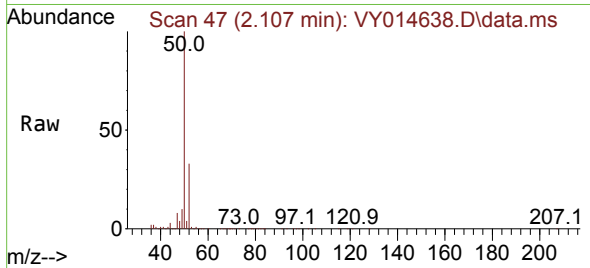




#3
Chloromethane
Concen: 48.741 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

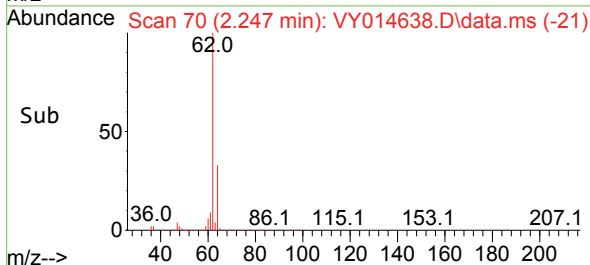
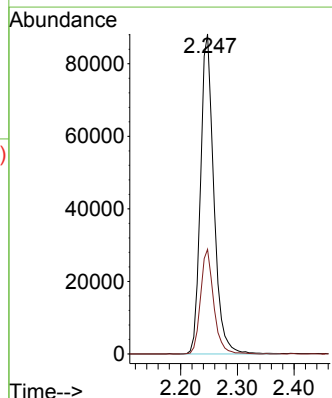
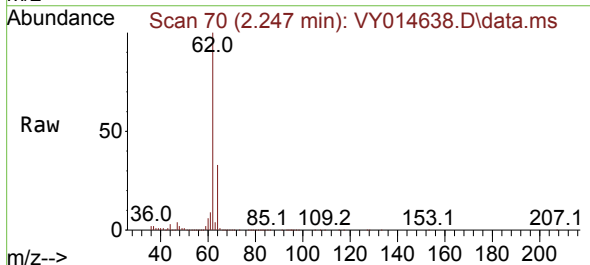
Instrument :
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ClientSampleId :
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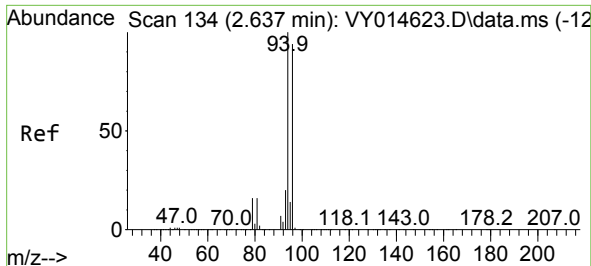
Tgt Ion: 50 Resp: 128067
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2



#4
Vinyl Chloride
Concen: 48.907 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion: 62 Resp: 143614
Ion Ratio Lower Upper
62 100
64 32.7 24.3 36.5

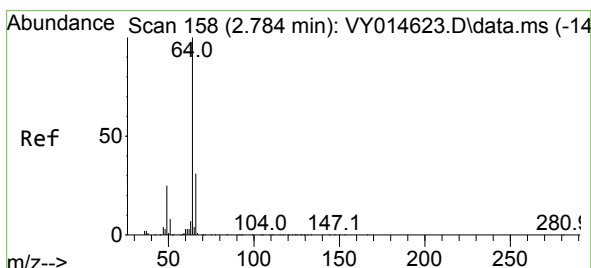
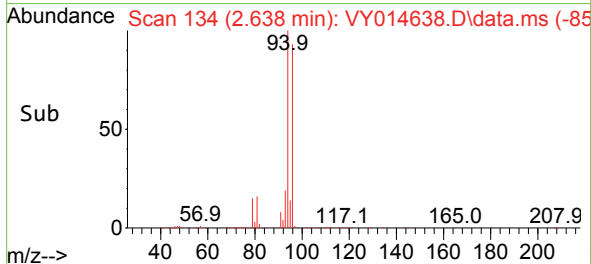
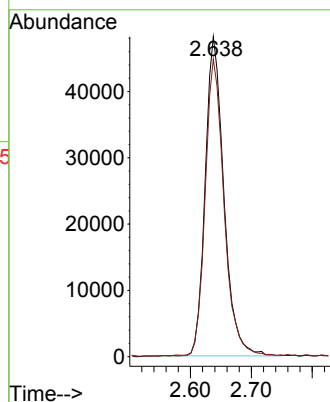
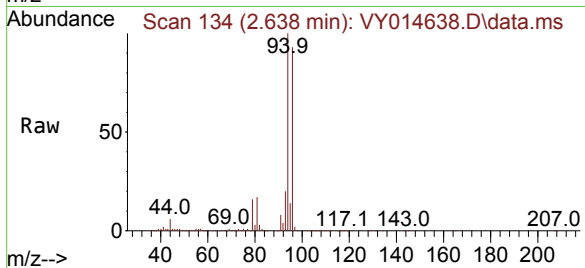




#5
Bromomethane
Concen: 52.755 ug/l
RT: 2.638 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

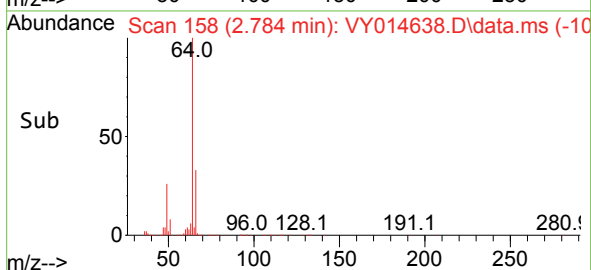
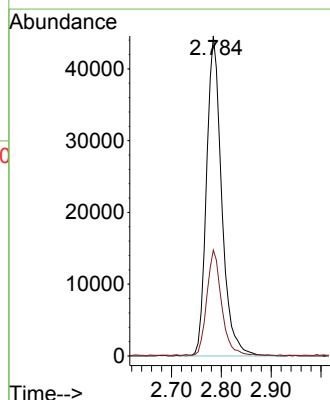
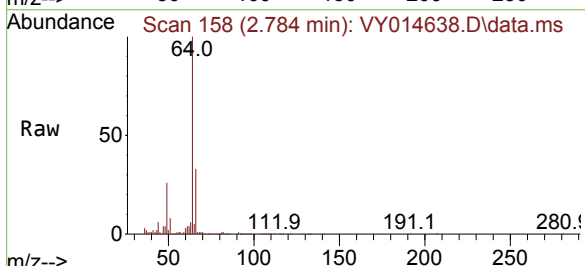
Instrument :
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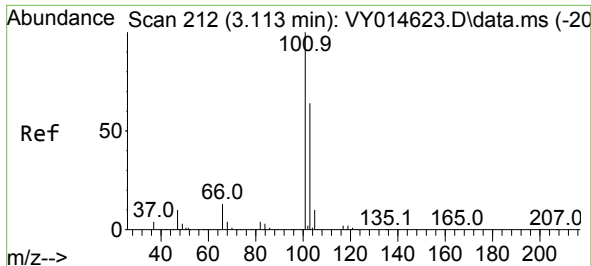
Tgt Ion: 94 Resp: 102377
Ion Ratio Lower Upper
94 100
96 92.9 75.8 113.6



#6
Chloroethane
Concen: 51.304 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion: 64 Resp: 94106
Ion Ratio Lower Upper
64 100
66 32.9 24.4 36.6

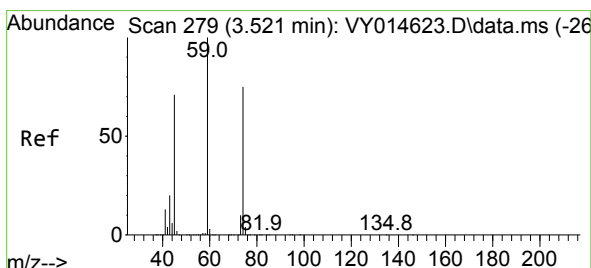
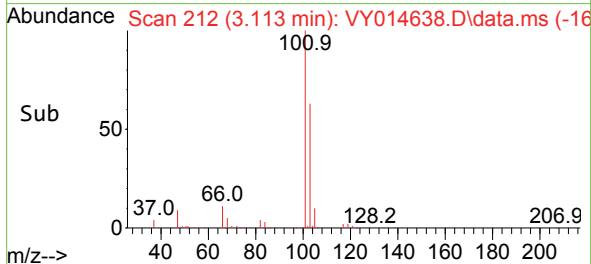
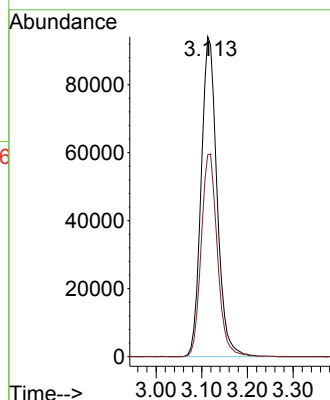
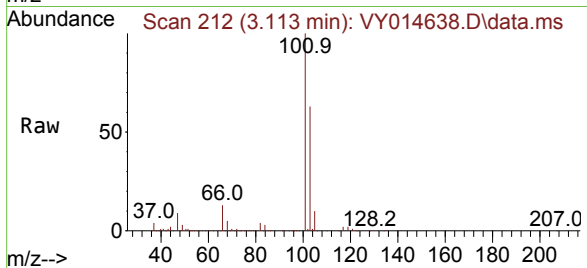




#7
 Trichlorofluoromethane
 Concen: 45.900 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY014638.D
 Acq: 14 Jul 2023 11:00

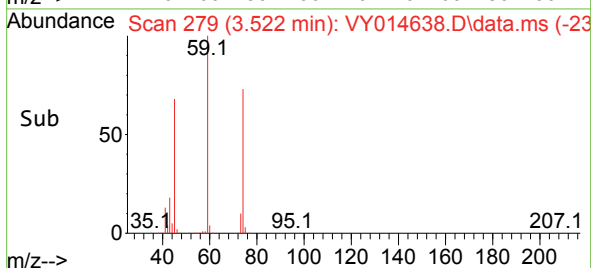
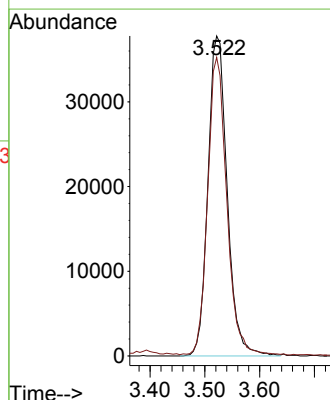
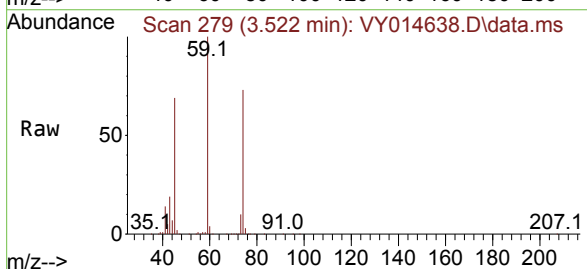
Instrument :
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 ClientSampleId :
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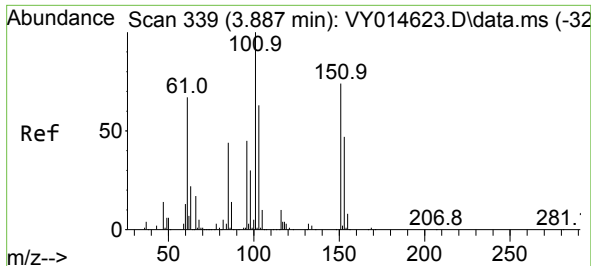
Tgt Ion:101 Resp: 226373
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 50.203 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. 0.001 min
 Lab File: VY014638.D
 Acq: 14 Jul 2023 11:00

Tgt Ion: 74 Resp: 92123
 Ion Ratio Lower Upper
 74 100
 45 92.3 51.5 154.5

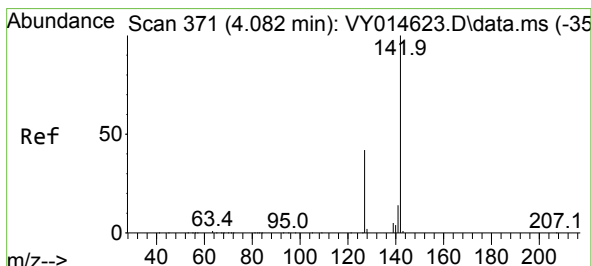
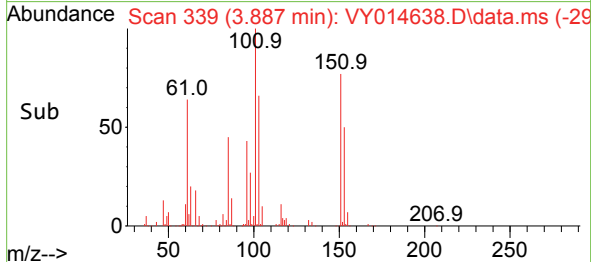
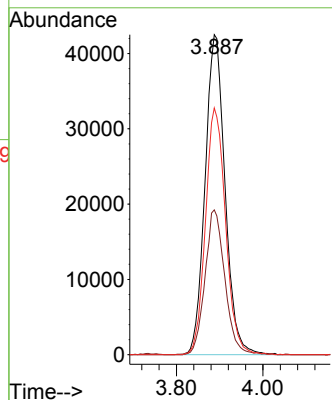
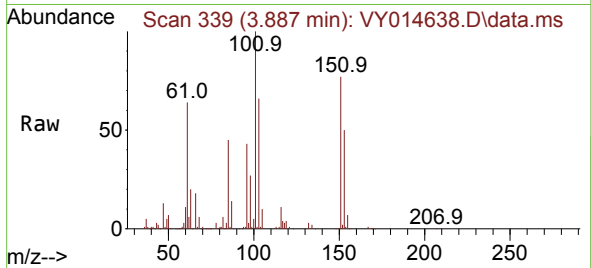




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.020 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

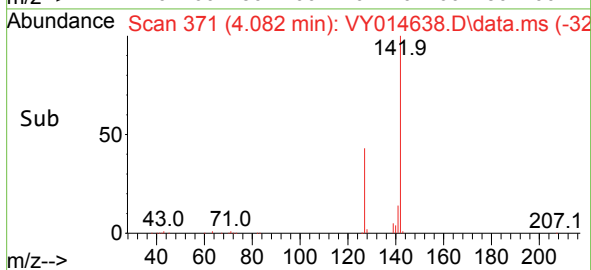
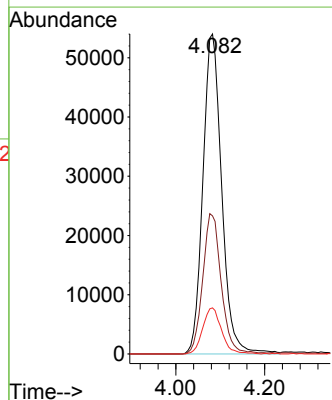
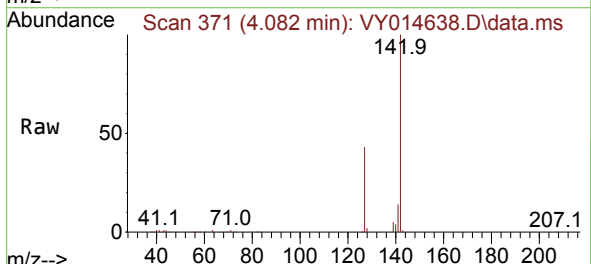
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

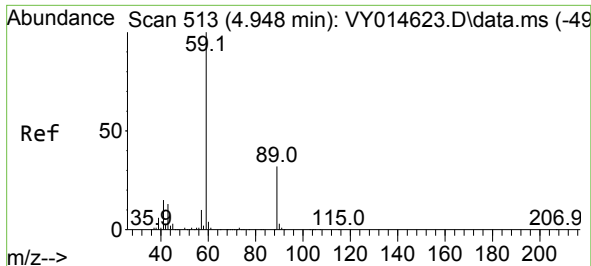
Tgt Ion:101 Resp: 136091
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 77.7 67.0 100.6



#10
Methyl Iodide
Concen: 49.719 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion:142 Resp: 159280
Ion Ratio Lower Upper
142 100
127 43.1 37.6 56.4
141 14.4 11.8 17.8

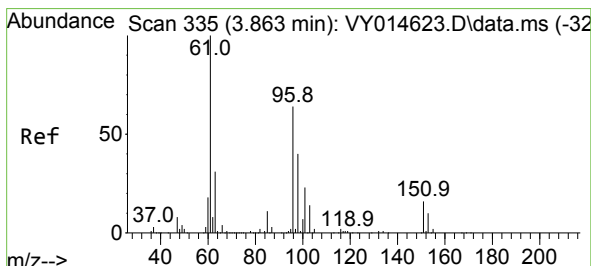
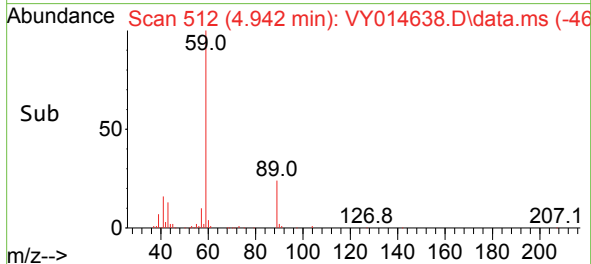
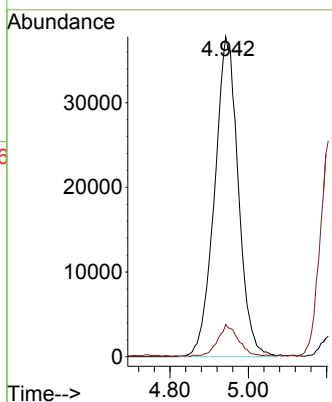
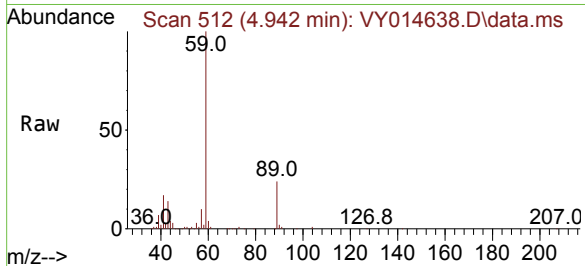




#11
Tert butyl alcohol
Concen: 233.778 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

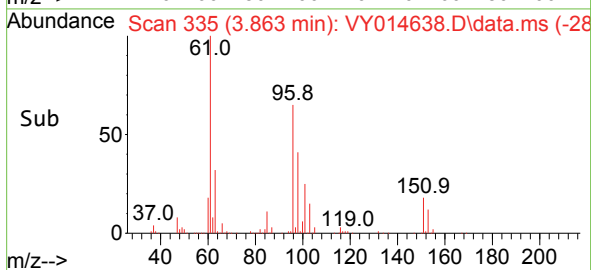
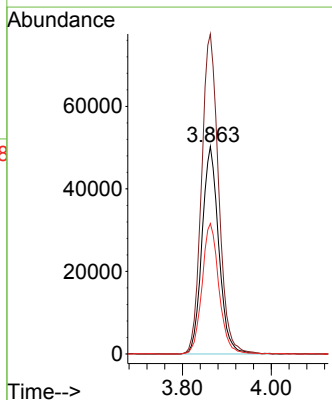
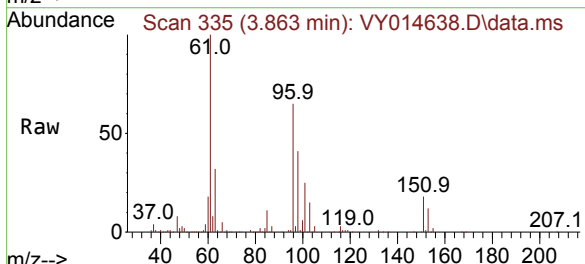
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

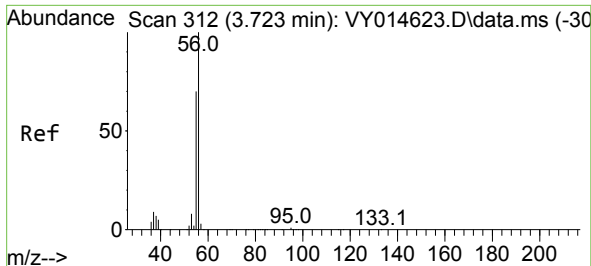
Tgt Ion: 59 Resp: 159051
Ion Ratio Lower Upper
59 100
57 8.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 46.680 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion: 96 Resp: 131883
Ion Ratio Lower Upper
96 100
61 154.2 136.4 204.6
98 62.8 49.4 74.2

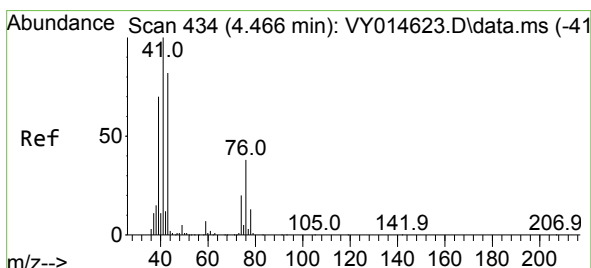
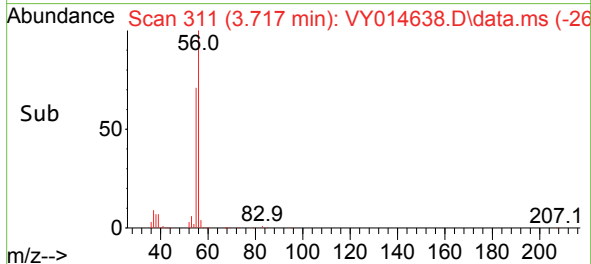
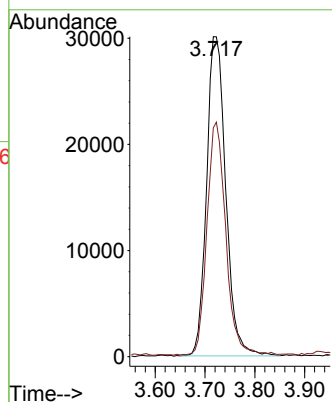
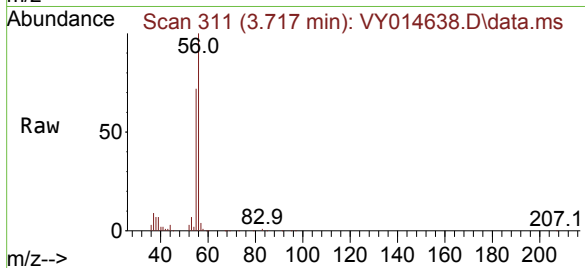




#13
Acrolein
Concen: 235.136 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

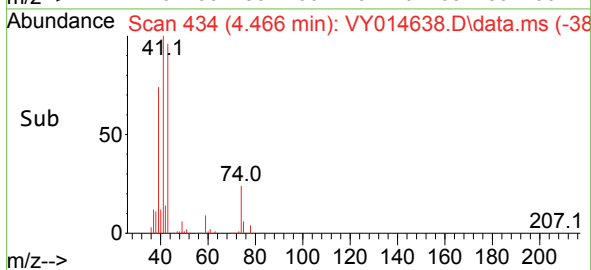
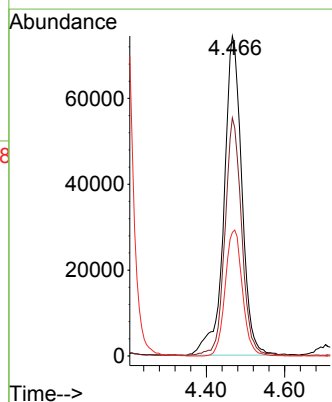
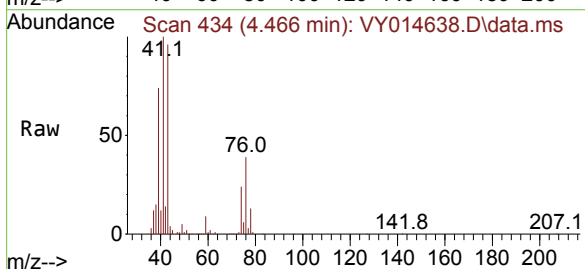
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

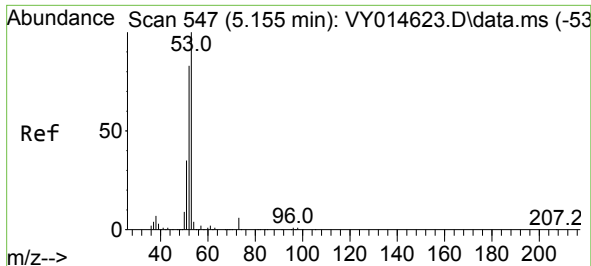
Tgt Ion: 56 Resp: 80349
Ion Ratio Lower Upper
56 100
55 71.5 57.0 85.4



#14
Allyl chloride
Concen: 47.048 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion: 41 Resp: 236010
Ion Ratio Lower Upper
41 100
39 69.6 58.0 87.0
76 38.1 27.4 41.2

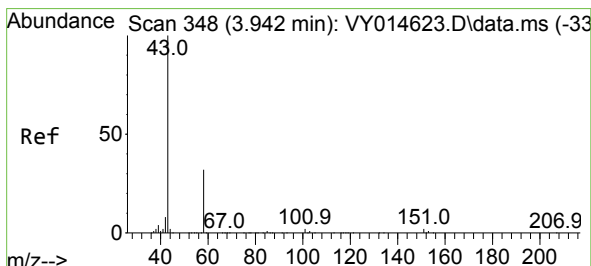
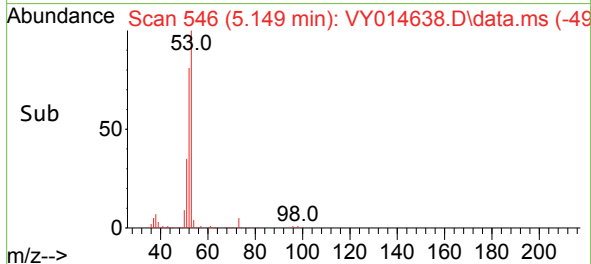
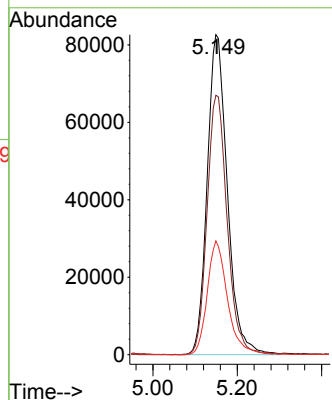
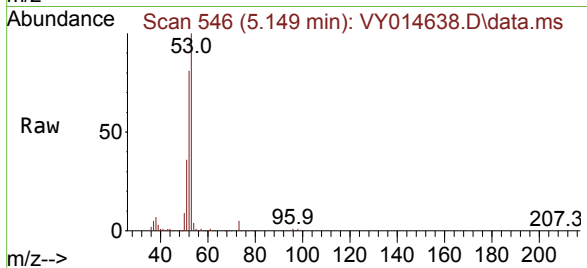




#15
Acrylonitrile
Concen: 271.592 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

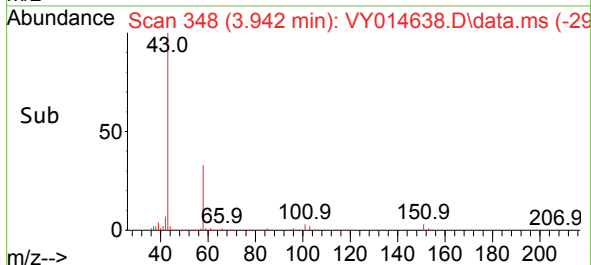
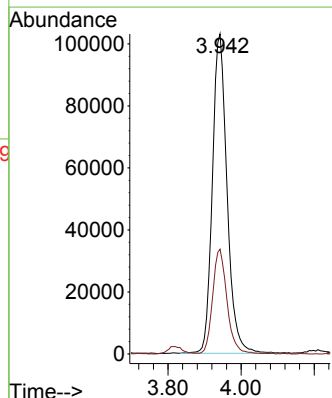
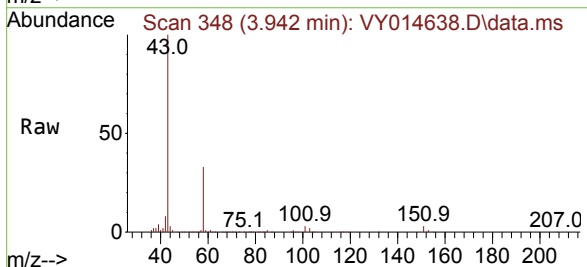
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

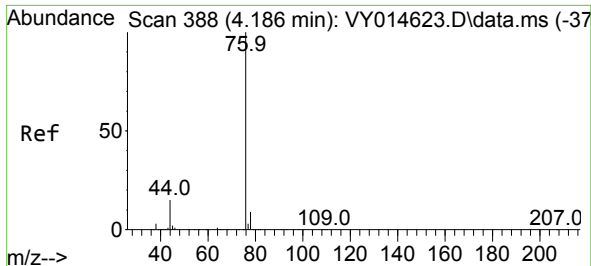
Tgt Ion: 53 Resp: 274820
Ion Ratio Lower Upper
53 100
52 81.1 66.9 100.3
51 35.7 29.8 44.6



#16
Acetone
Concen: 276.377 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion: 43 Resp: 286332
Ion Ratio Lower Upper
43 100
58 32.7 22.7 34.1

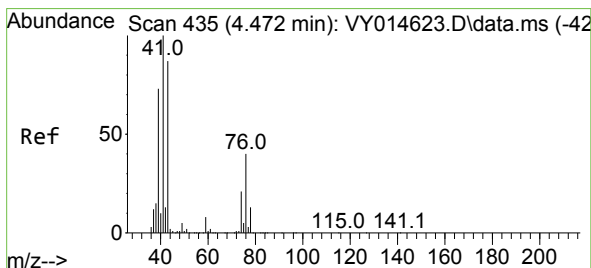
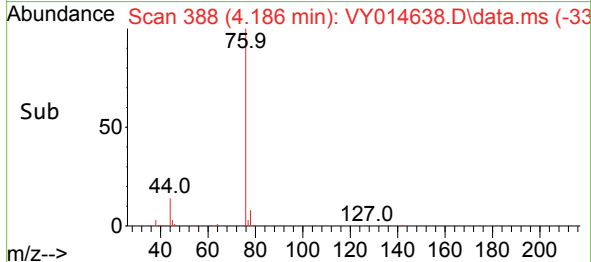
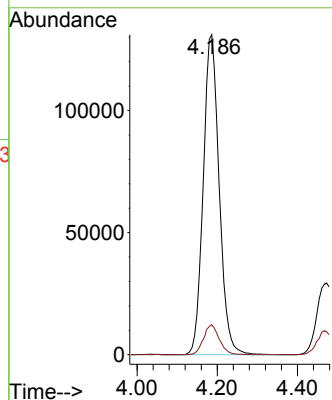
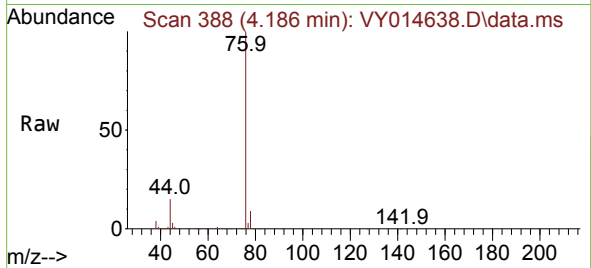




#17
Carbon Disulfide
Concen: 44.693 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

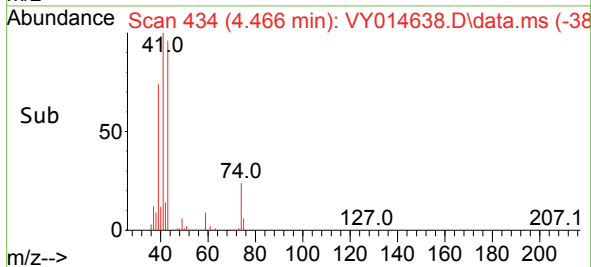
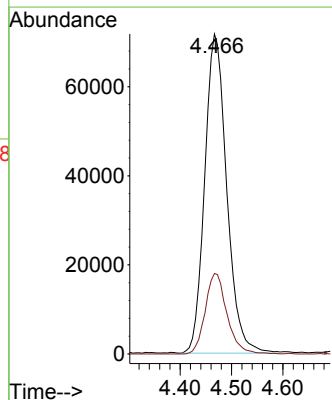
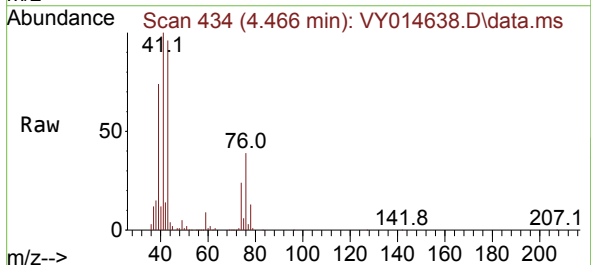
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

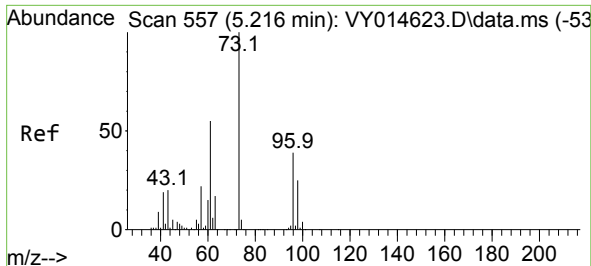
Tgt Ion: 76 Resp: 361505
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 53.632 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion: 43 Resp: 213227
Ion Ratio Lower Upper
43 100
74 24.9 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 51.503 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY014638.D

Acq: 14 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

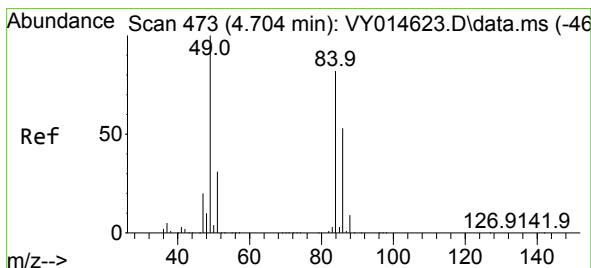
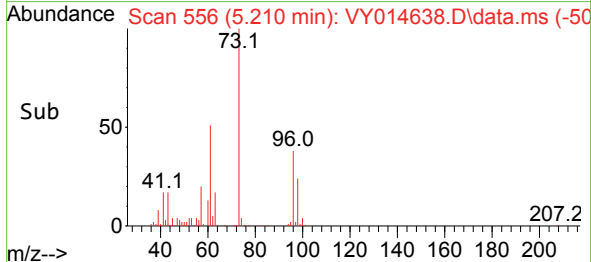
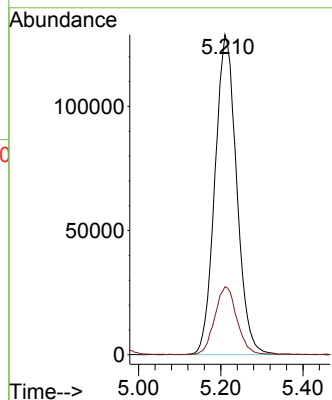
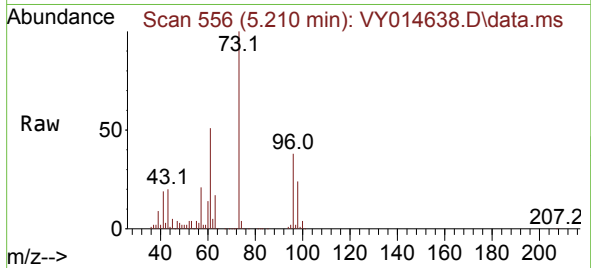
VSTDCCC050

Tgt Ion: 73 Resp: 472671

Ion Ratio Lower Upper

73 100

57 21.2 17.3 25.9



#20

Methylene Chloride

Concen: 50.838 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY014638.D

Acq: 14 Jul 2023 11:00

Tgt Ion: 84 Resp: 170863

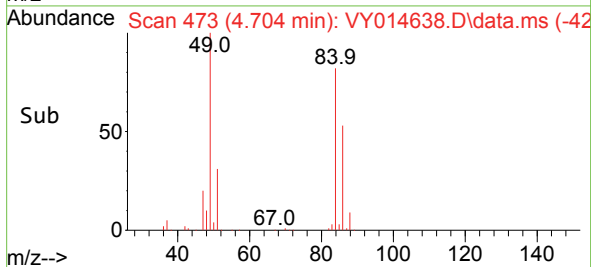
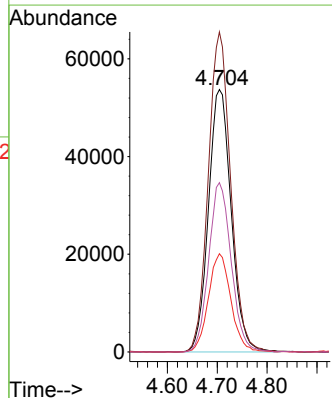
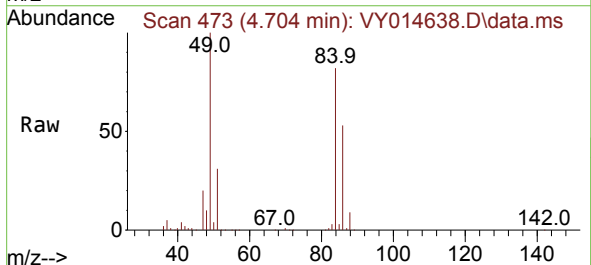
Ion Ratio Lower Upper

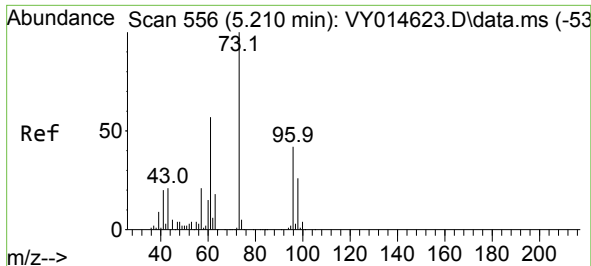
84 100

49 121.8 106.9 160.3

51 37.4 33.2 49.8

86 64.5 51.0 76.6

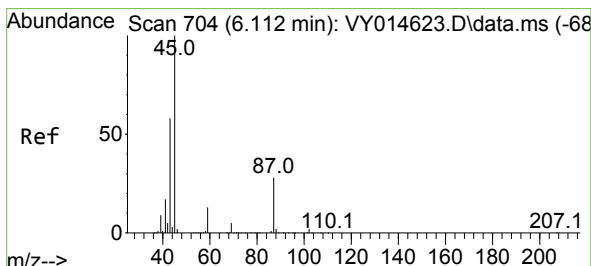
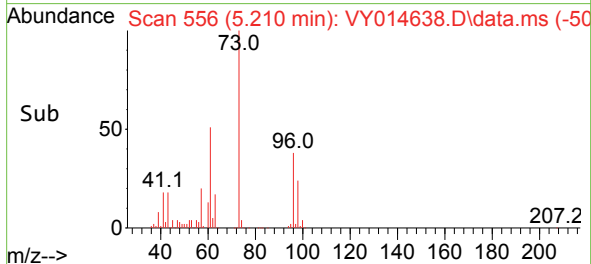
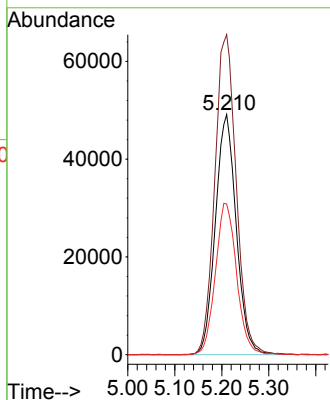
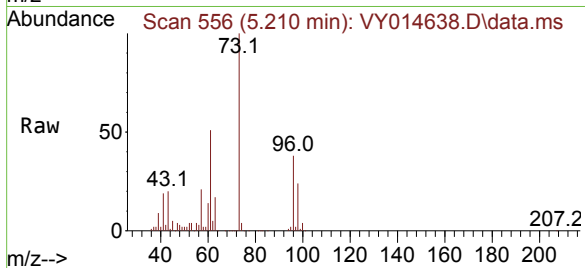




#21
trans-1,2-Dichloroethene
Concen: 47.472 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

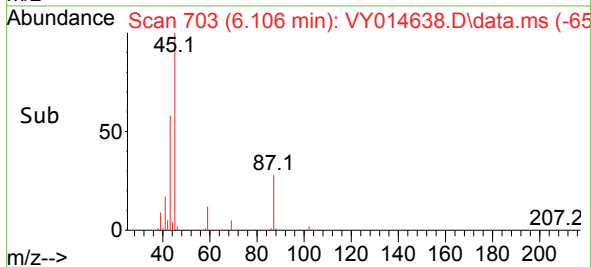
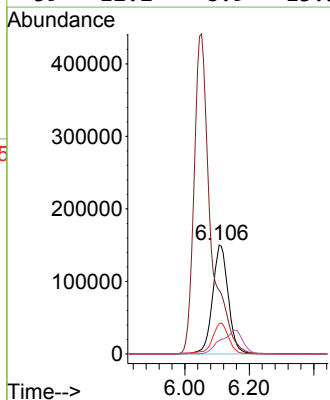
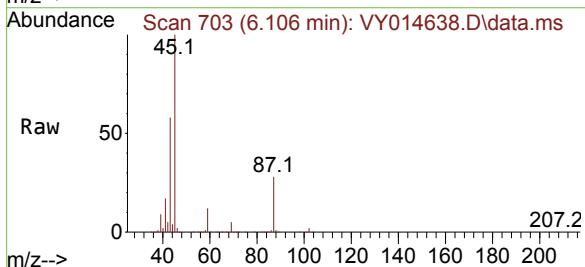
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

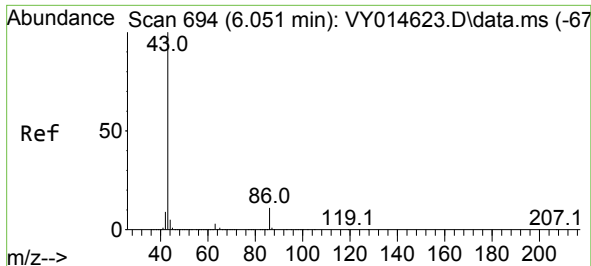
Tgt Ion: 96 Resp: 152204
Ion Ratio Lower Upper
96 100
61 133.3 110.2 165.4
98 62.8 51.8 77.6



#22
Diisopropyl ether
Concen: 49.687 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion: 45 Resp: 506743
Ion Ratio Lower Upper
45 100
43 58.1 52.2 78.4
87 27.5 21.0 31.6
59 12.2 8.9 13.3

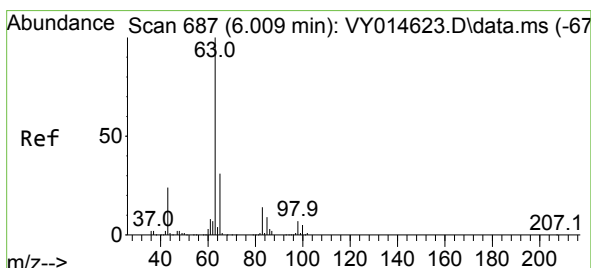
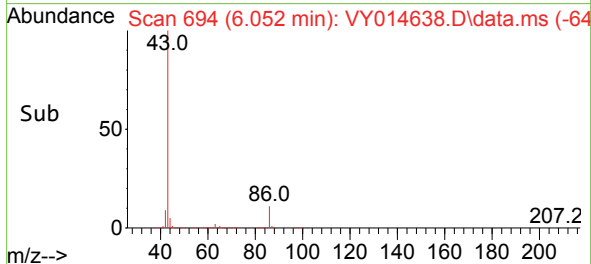
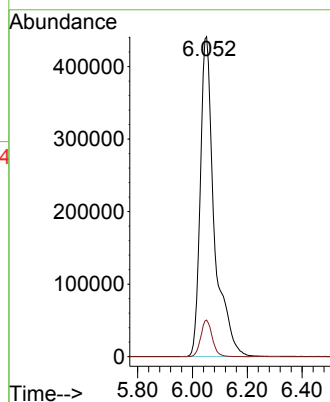
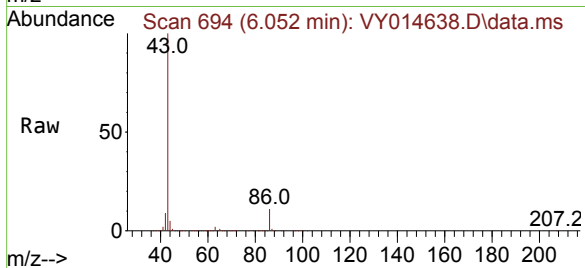




#23
 Vinyl Acetate
 Concen: 256.241 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.001 min
 Lab File: VY014638.D
 Acq: 14 Jul 2023 11:00

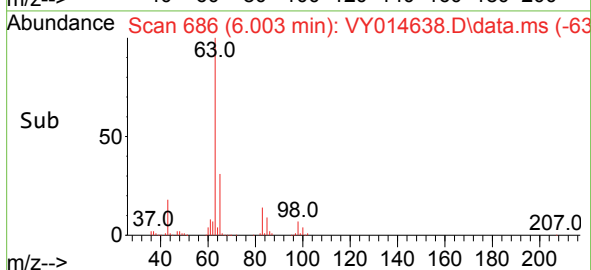
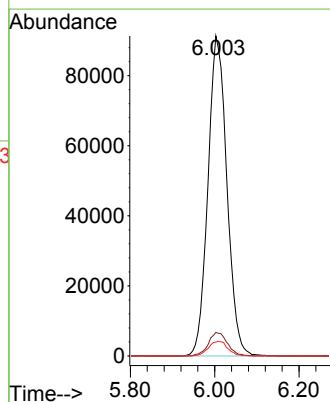
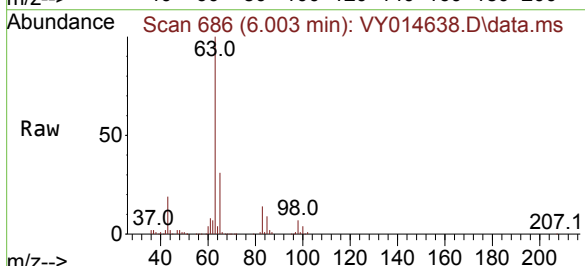
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

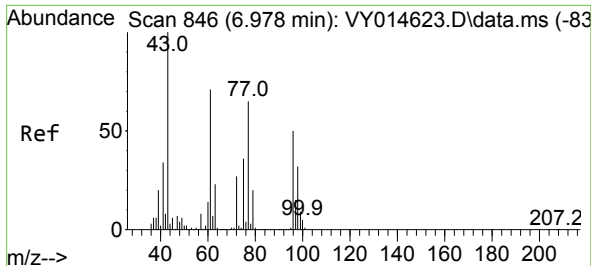
Tgt Ion: 43 Resp: 1563905
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 48.888 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY014638.D
 Acq: 14 Jul 2023 11:00

Tgt Ion: 63 Resp: 285290
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 4.4 1.8 5.5

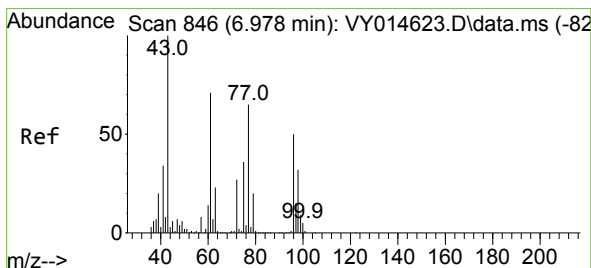
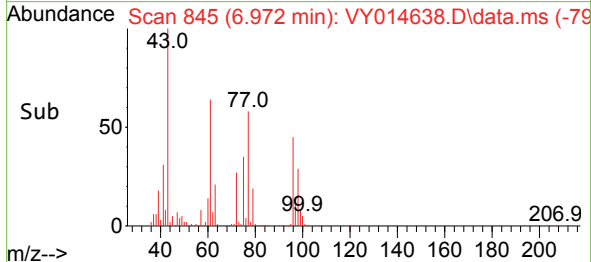
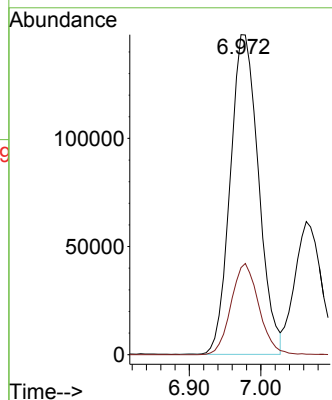
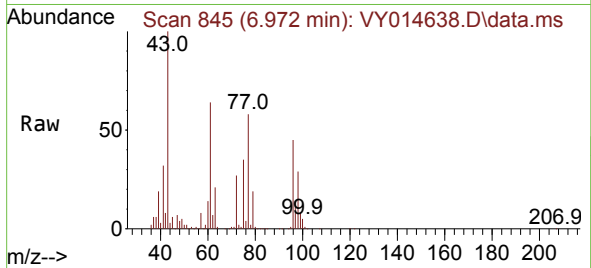




#25
2-Butanone
Concen: 268.445 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

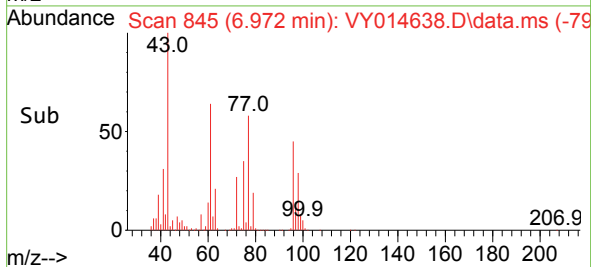
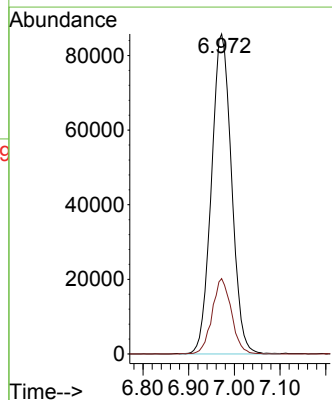
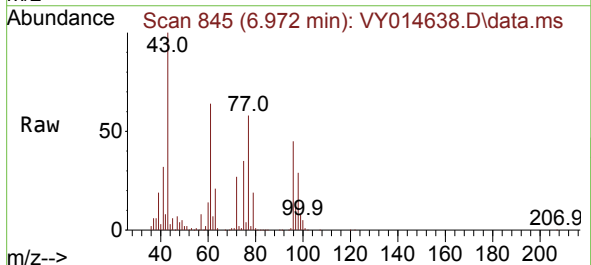
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

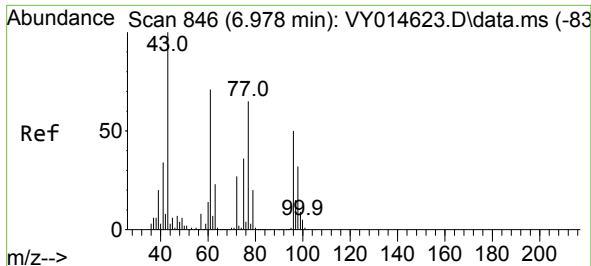
Tgt Ion: 43 Resp: 406879
Ion Ratio Lower Upper
43 100
72 27.3 20.5 30.7



#26
2,2-Dichloropropane
Concen: 47.215 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion: 77 Resp: 262594
Ion Ratio Lower Upper
77 100
97 22.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 50.038 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY014638.D

Acq: 14 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

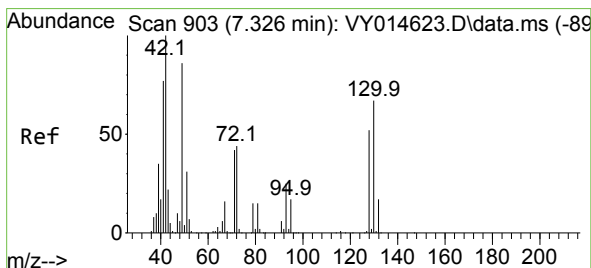
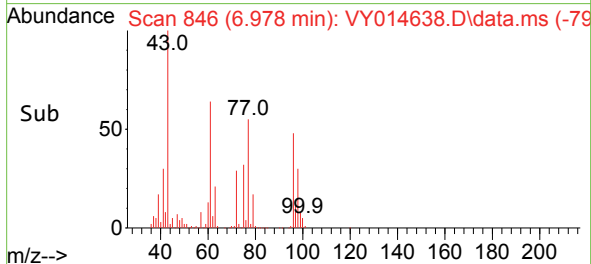
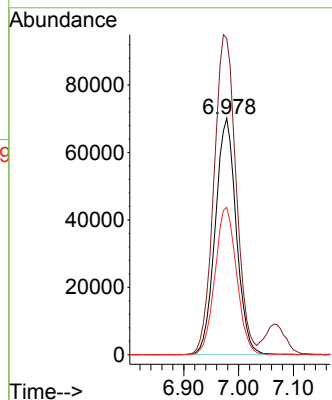
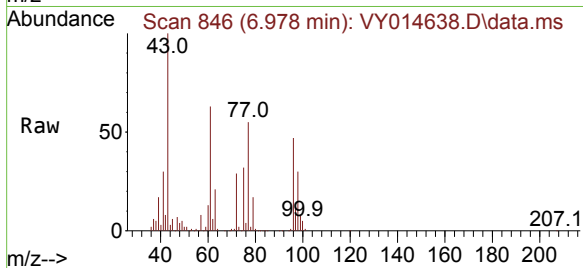
Tgt Ion: 96 Resp: 186743

Ion Ratio Lower Upper

96 100

61 142.5 0.0 301.4

98 64.4 0.0 130.4



#28

Bromochloromethane

Concen: 51.526 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY014638.D

Acq: 14 Jul 2023 11:00

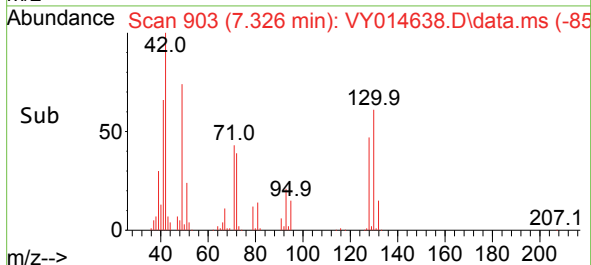
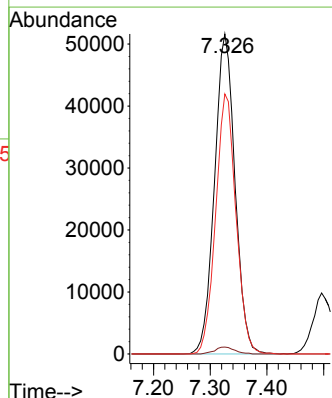
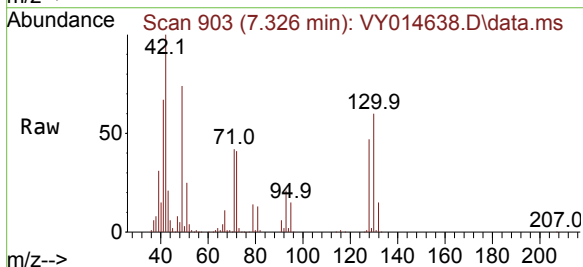
Tgt Ion: 49 Resp: 129498

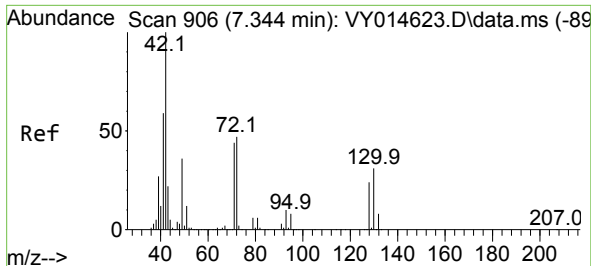
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 80.6 60.7 91.1

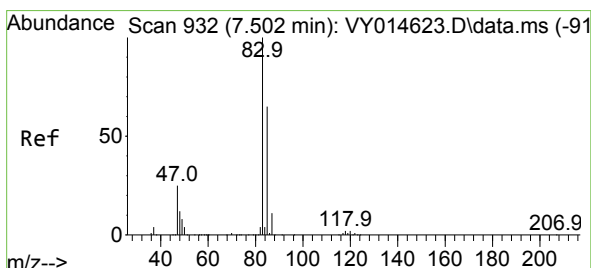
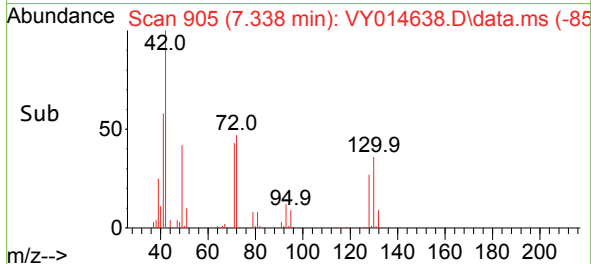
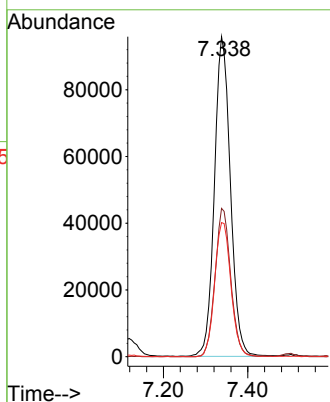
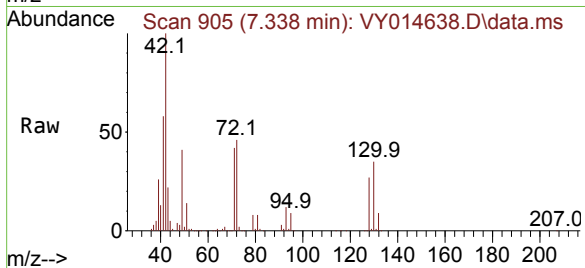




#29
Tetrahydrofuran
Concen: 270.527 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

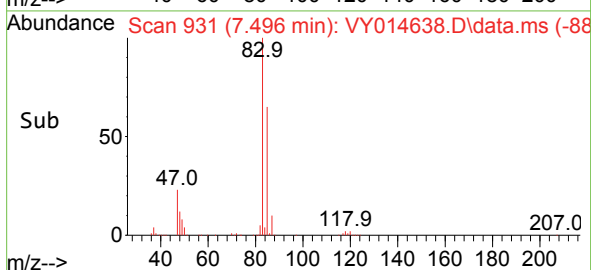
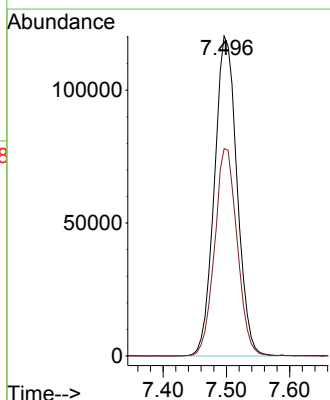
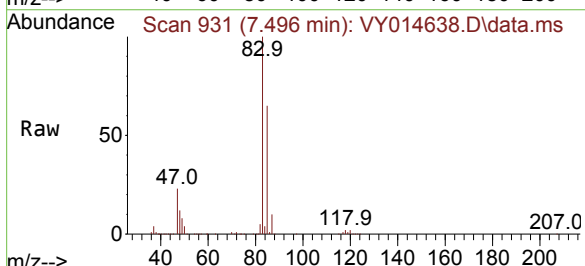
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

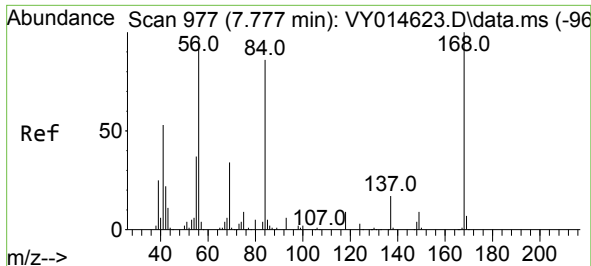
Tgt Ion: 42 Resp: 252481
Ion Ratio Lower Upper
42 100
72 45.5 32.8 49.2
71 42.7 31.0 46.4



#30
Chloroform
Concen: 49.526 ug/l
RT: 7.496 min Scan# 931
Delta R.T. -0.006 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion: 83 Resp: 298031
Ion Ratio Lower Upper
83 100
85 64.7 49.7 74.5

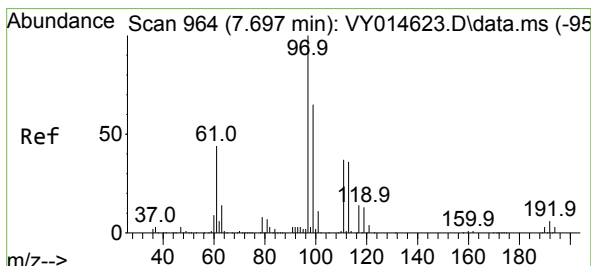
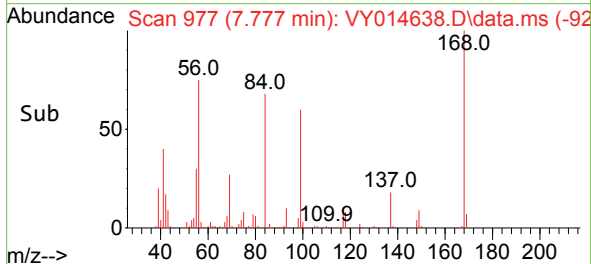
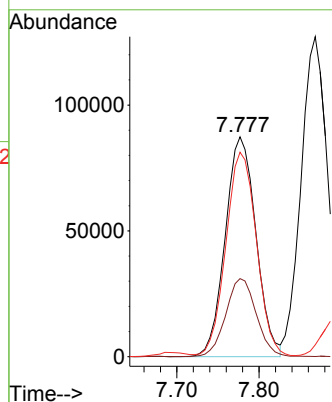
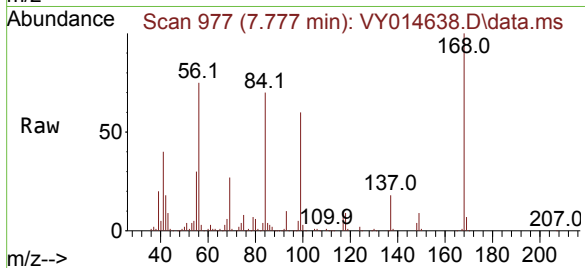




#31
Cyclohexane
Concen: 41.834 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

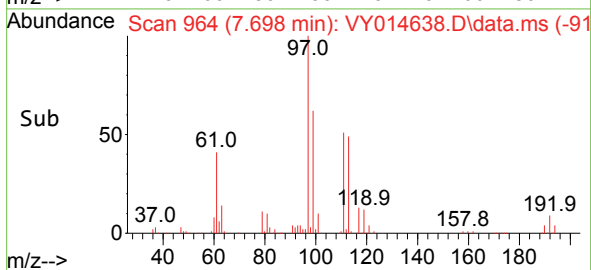
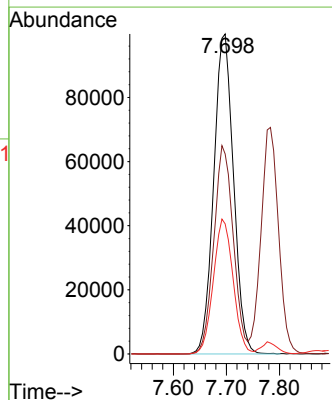
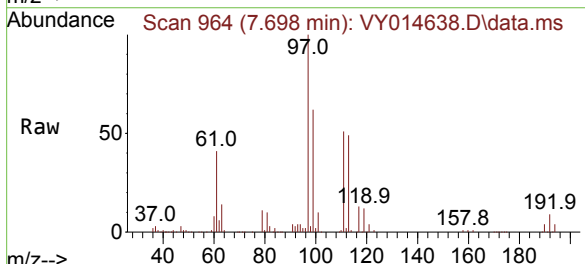
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

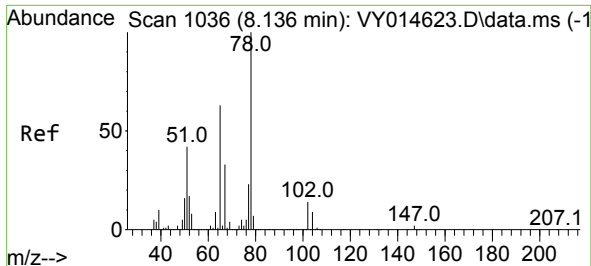
Tgt Ion: 56 Resp: 227041
Ion Ratio Lower Upper
56 100
69 35.5 27.8 41.6
84 91.3 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 47.836 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion: 97 Resp: 259081
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 42.0 35.1 52.7

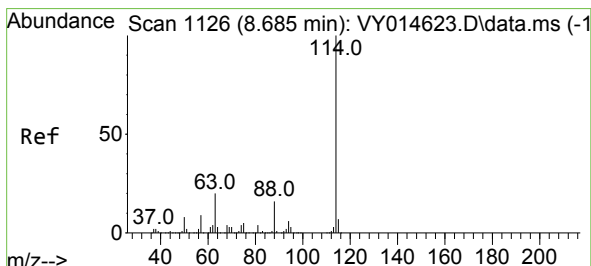
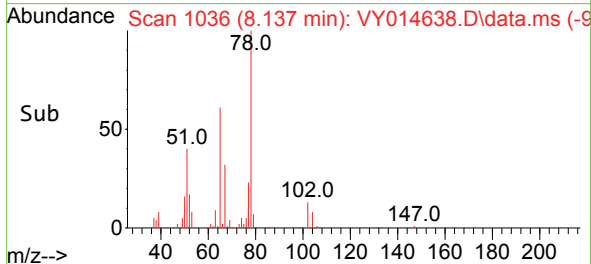
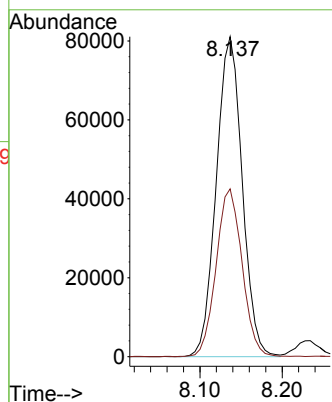
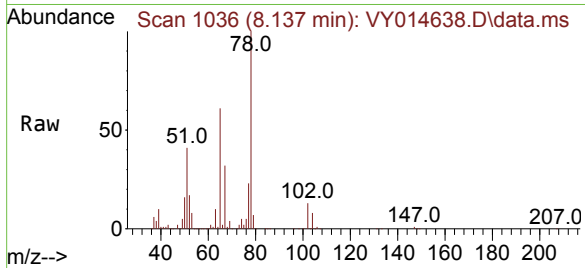




#33
 1,2-Dichloroethane-d4
 Concen: 54.479 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY014638.D
 Acq: 14 Jul 2023 11:00

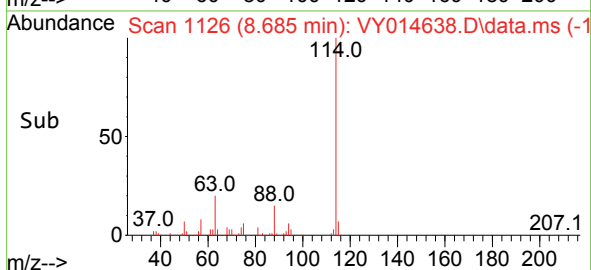
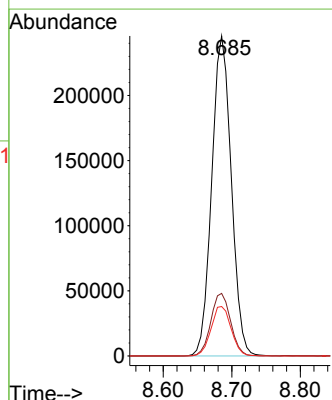
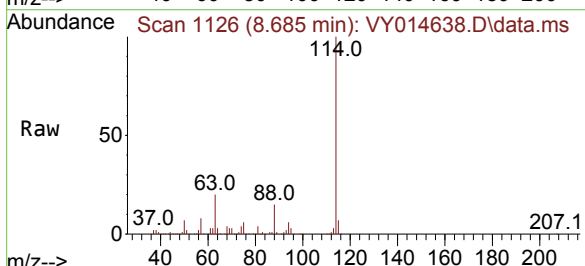
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

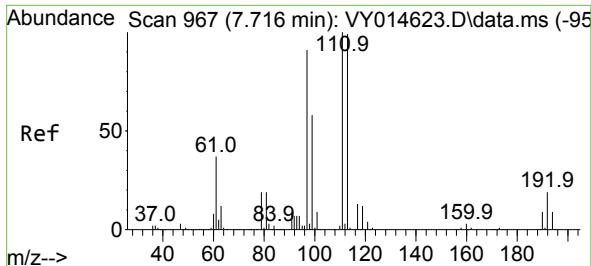
Tgt Ion: 65 Resp: 178112
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014638.D
 Acq: 14 Jul 2023 11:00

Tgt Ion: 114 Resp: 486782
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.4
 88 15.4 0.0 30.6

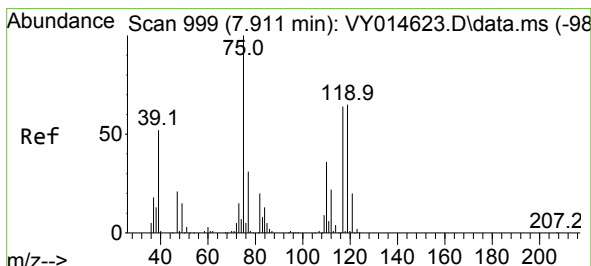
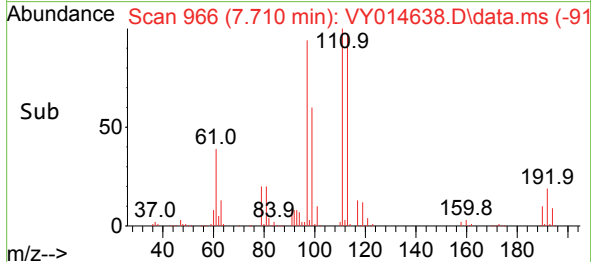
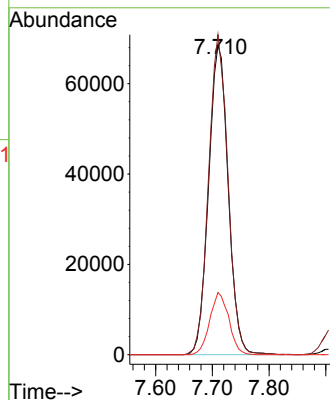
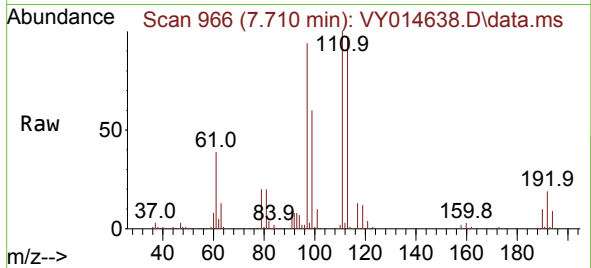




#35
Dibromofluoromethane
Concen: 53.077 ug/l
RT: 7.710 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

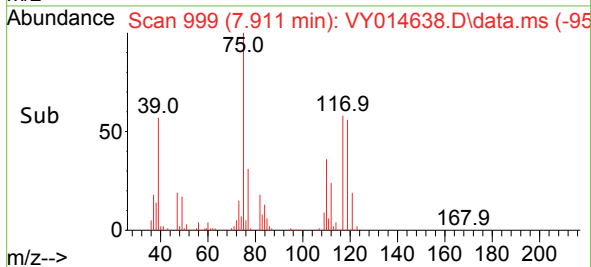
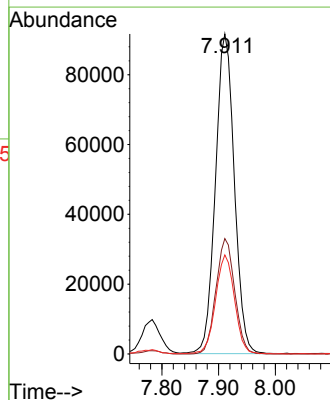
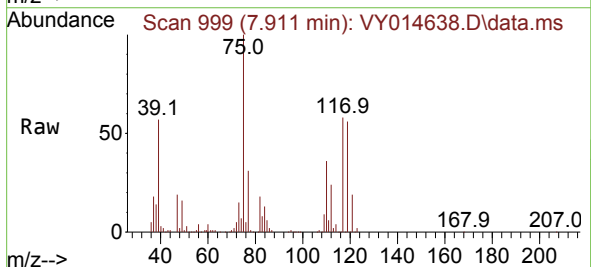
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

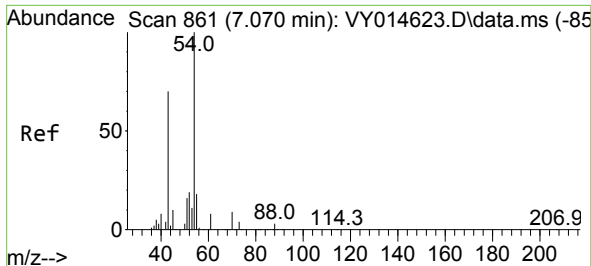
Tgt Ion:113 Resp: 164473
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 45.679 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion: 75 Resp: 211680
Ion Ratio Lower Upper
75 100
110 36.0 17.8 53.5
77 31.1 24.4 36.6

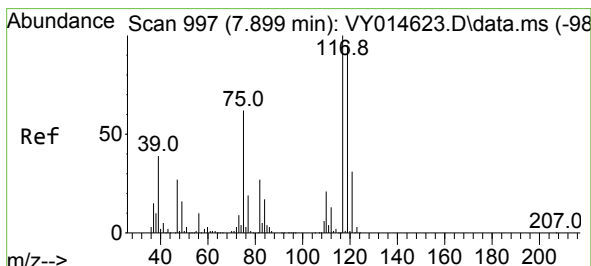
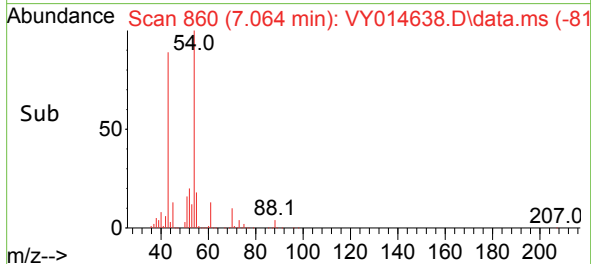
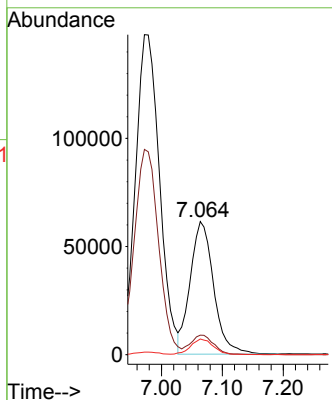
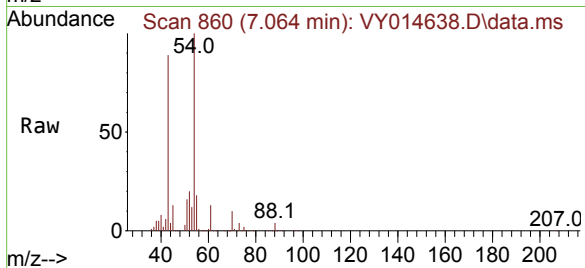




#37
Ethyl Acetate
Concen: 51.509 ug/l
RT: 7.064 min Scan# 860
Delta R.T. -0.006 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

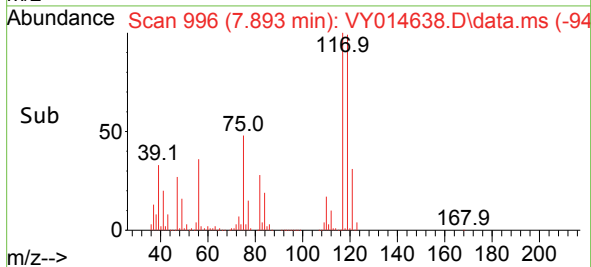
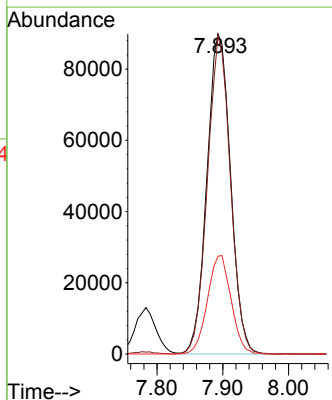
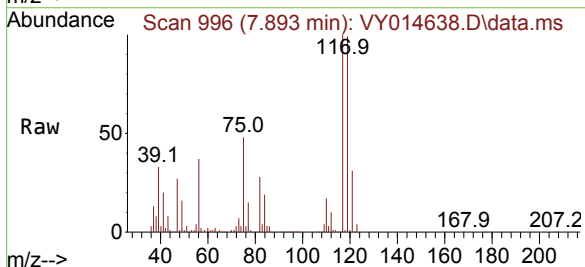
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

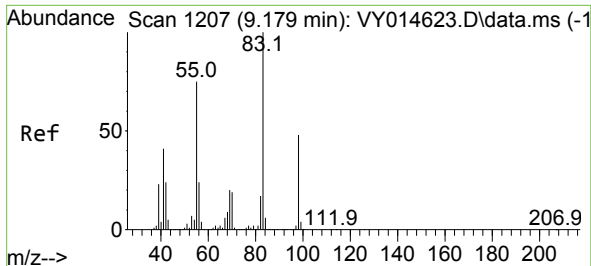
Tgt Ion: 43 Resp: 164342
Ion Ratio Lower Upper
43 100
61 14.5 10.1 15.1
70 11.6 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 45.926 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion: 117 Resp: 224971
Ion Ratio Lower Upper
117 100
119 99.4 76.4 114.6
121 30.5 25.8 38.6





#39

Methylcyclohexane

Concen: 42.941 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014638.D

Acq: 14 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

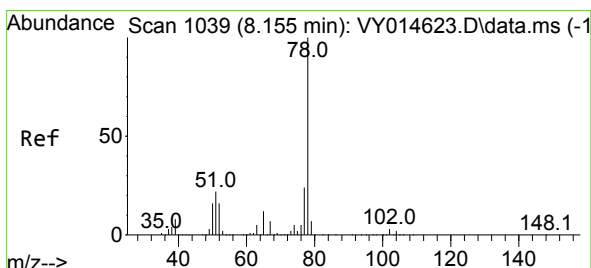
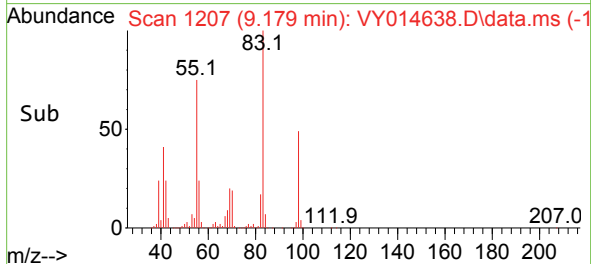
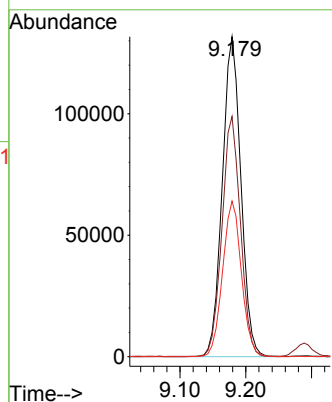
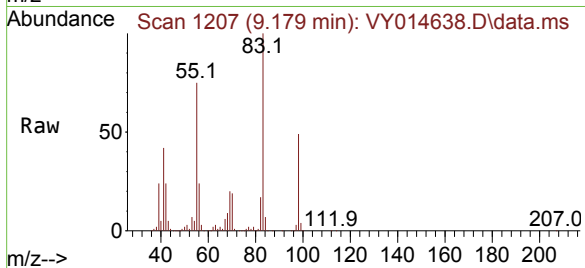
Tgt Ion: 83 Resp: 259250

Ion Ratio Lower Upper

83 100

55 74.9 63.0 94.4

98 48.6 37.4 56.2



#40

Benzene

Concen: 47.746 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY014638.D

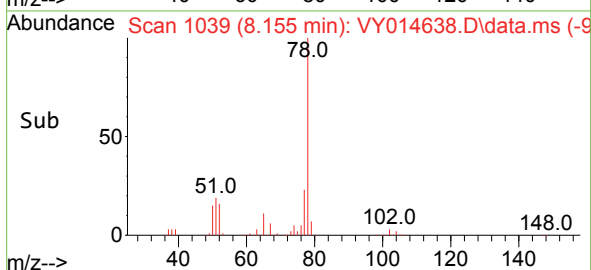
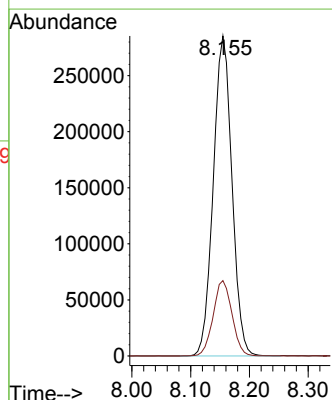
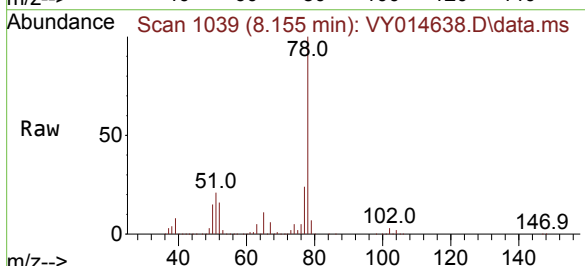
Acq: 14 Jul 2023 11:00

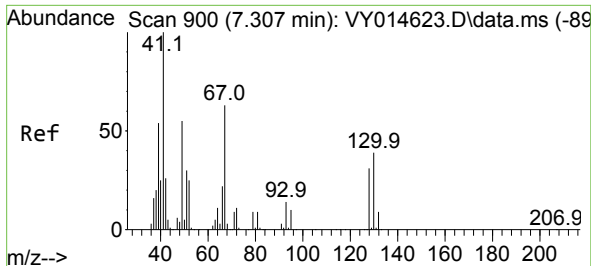
Tgt Ion: 78 Resp: 629263

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6

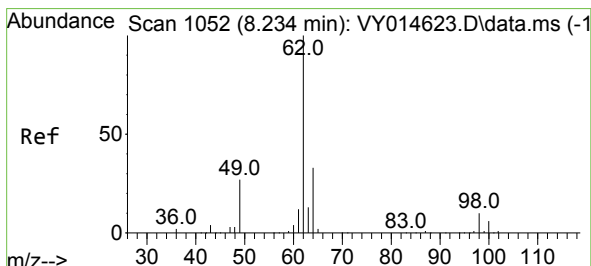
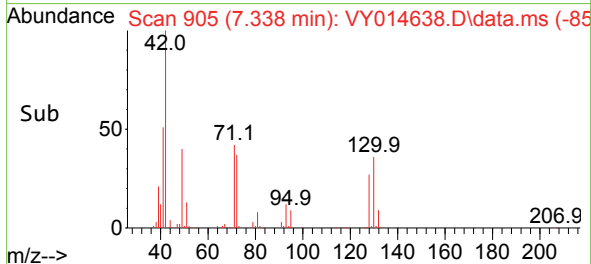
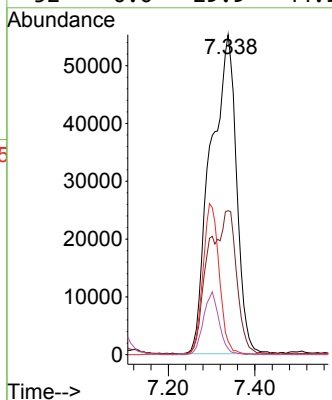
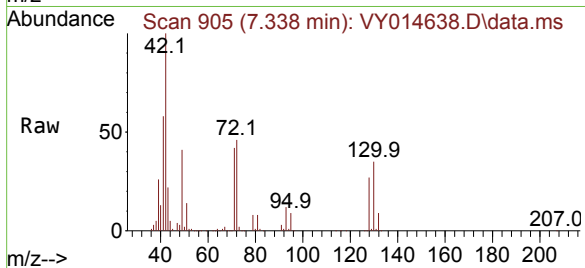




#41
Methacrylonitrile
Concen: 138.907 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

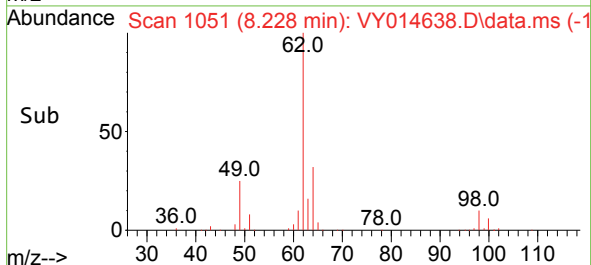
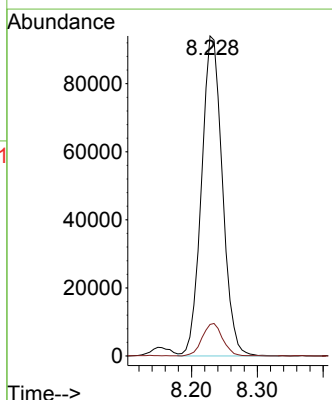
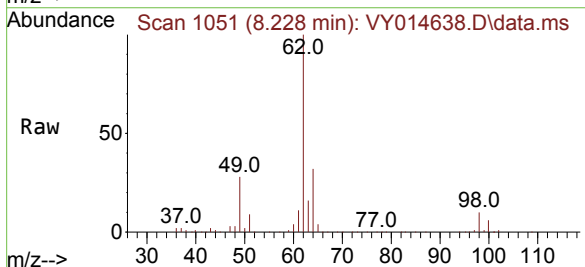
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

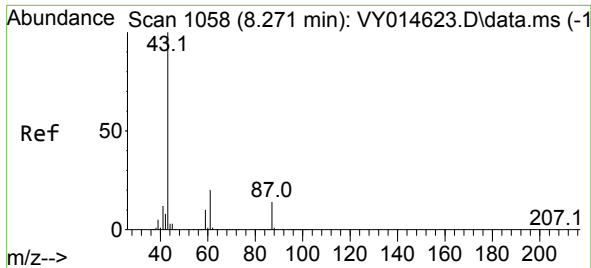
Tgt Ion: 41 Resp: 227958
Ion Ratio Lower Upper
41 100
39 25.1 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 49.694 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion: 62 Resp: 207402
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8

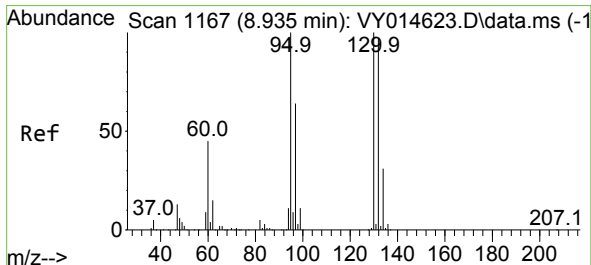
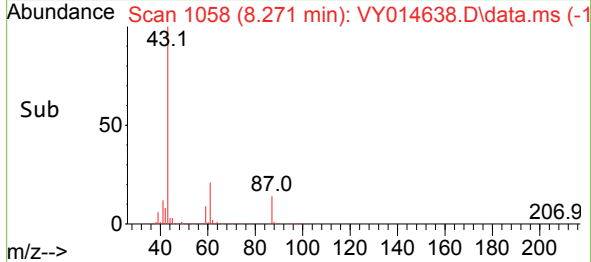
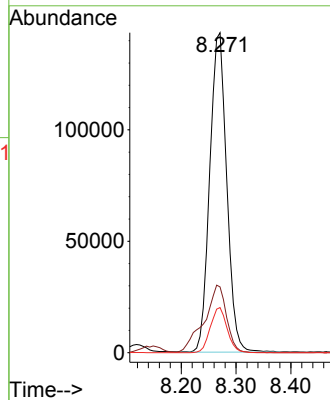
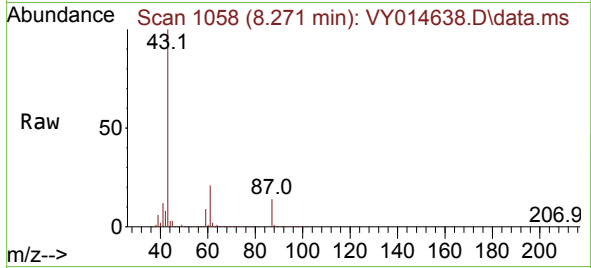




#43
Isopropyl Acetate
Concen: 50.568 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

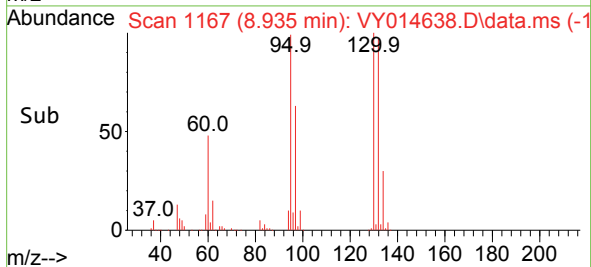
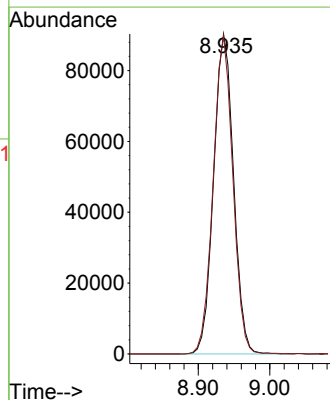
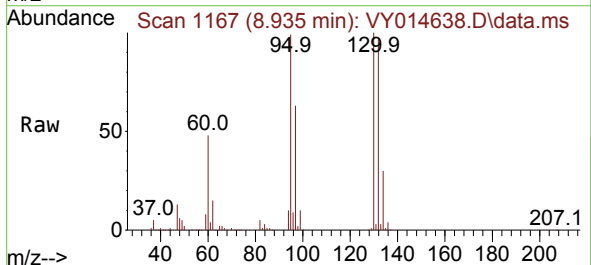
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

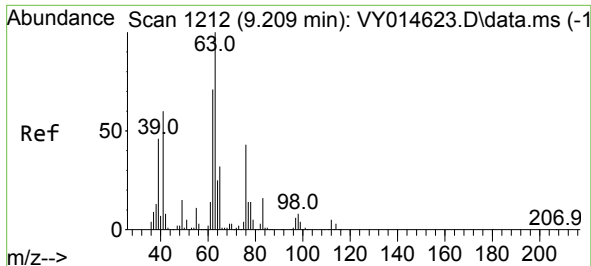
Tgt Ion: 43 Resp: 307335
Ion Ratio Lower Upper
43 100
61 27.9 21.1 31.7
87 14.0 9.8 14.8



#44
Trichloroethene
Concen: 47.311 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion:130 Resp: 174459
Ion Ratio Lower Upper
130 100
95 99.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 47.779 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. 0.001 min

Lab File: VY014638.D

Acq: 14 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

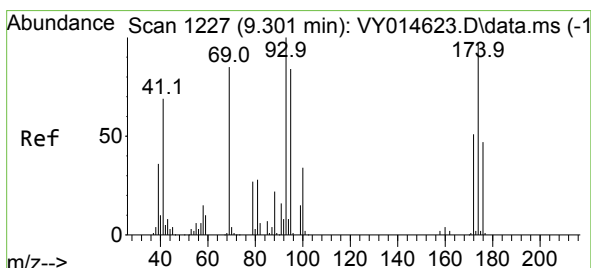
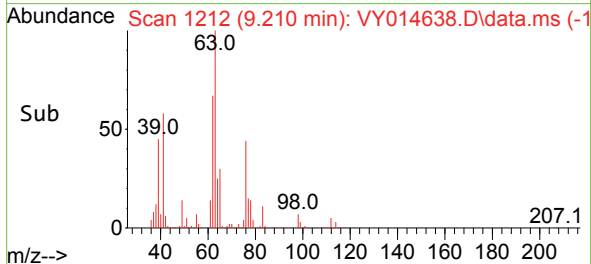
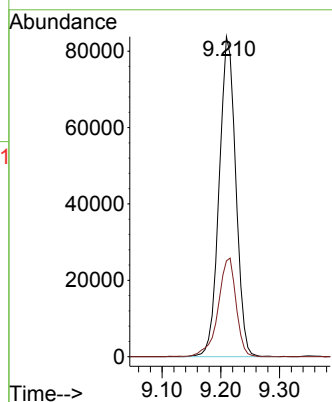
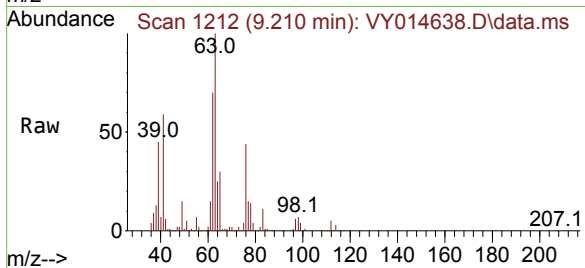
VSTDCCC050

Tgt Ion: 63 Resp: 164429

Ion Ratio Lower Upper

63 100

65 29.9 23.8 35.6



#46

Dibromomethane

Concen: 49.605 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014638.D

Acq: 14 Jul 2023 11:00

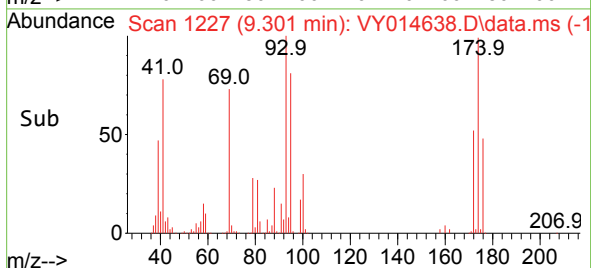
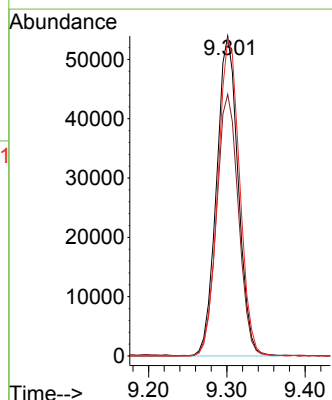
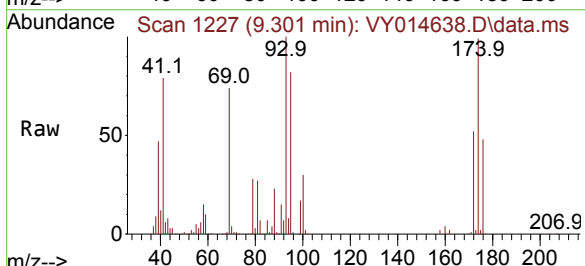
Tgt Ion: 93 Resp: 103563

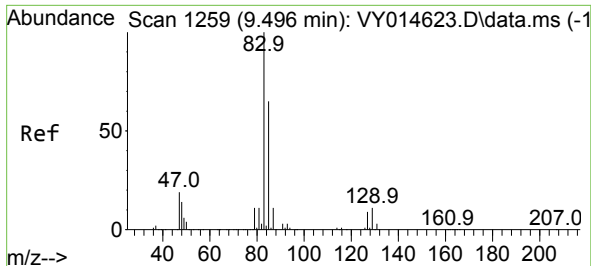
Ion Ratio Lower Upper

93 100

95 82.7 66.6 100.0

174 99.6 84.8 127.2

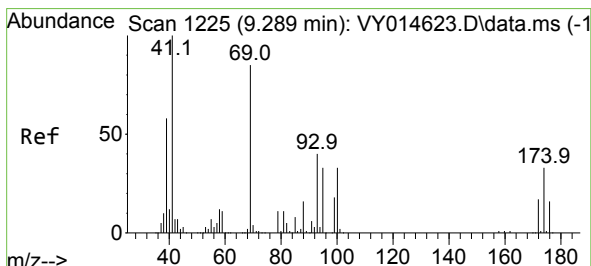
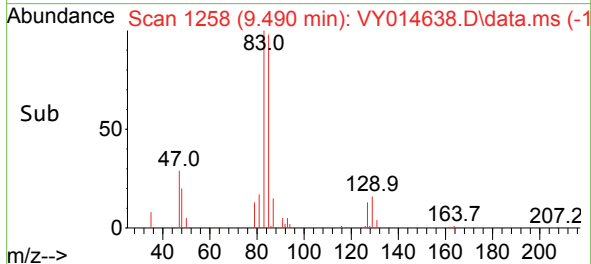
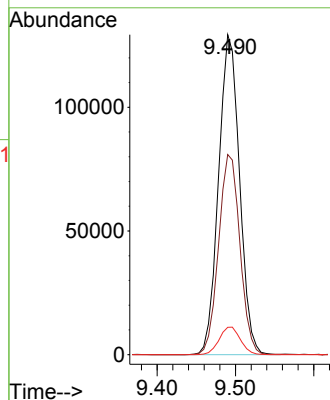
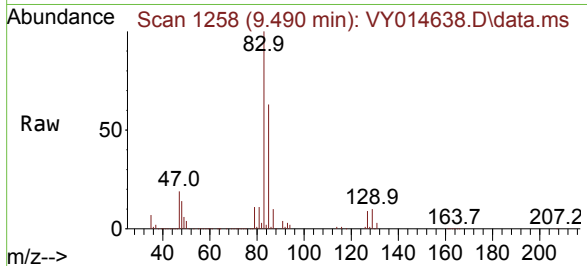




#47
Bromodichloromethane
Concen: 48.918 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

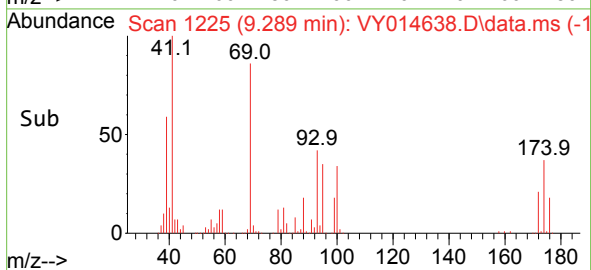
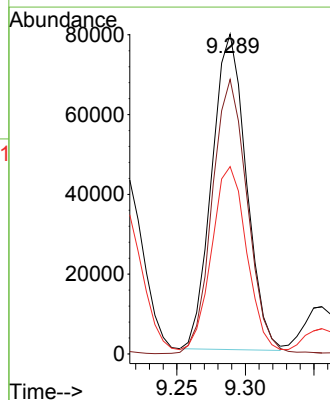
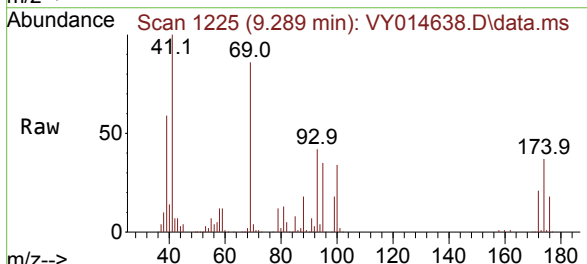
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

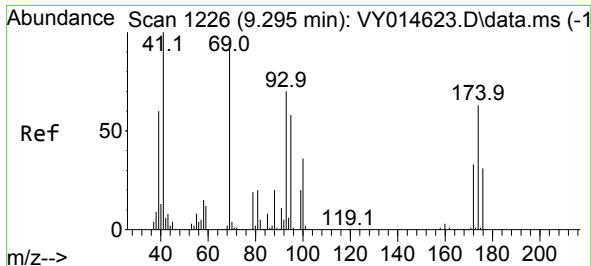
Tgt Ion: 83 Resp: 240709
Ion Ratio Lower Upper
83 100
85 62.5 50.1 75.1
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 50.458 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion: 41 Resp: 137993
Ion Ratio Lower Upper
41 100
69 89.3 64.5 96.7
39 61.0 50.8 76.2





#49

1,4-Dioxane

Concen: 1046.766 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014638.D

Acq: 14 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

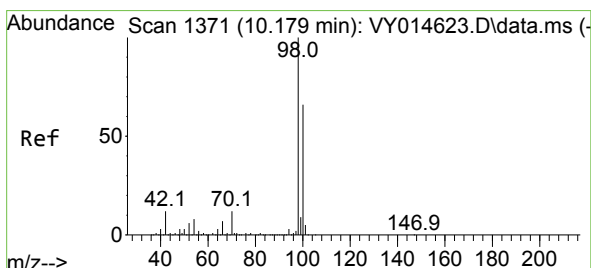
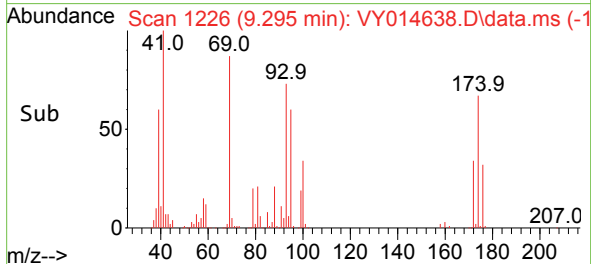
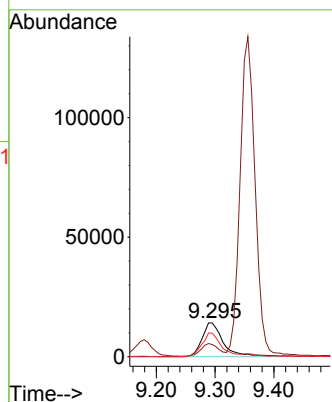
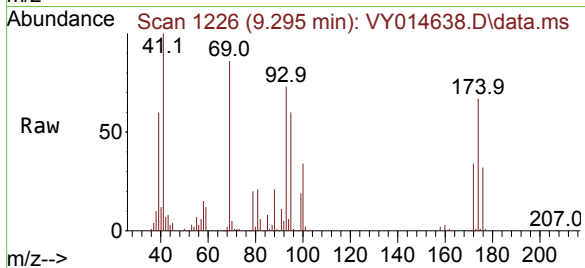
Tgt Ion: 88 Resp: 35635

Ion Ratio Lower Upper

88 100

43 31.0 0.0 0.0#

58 63.5 30.9 46.3#



#50

Toluene-d8

Concen: 51.343 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY014638.D

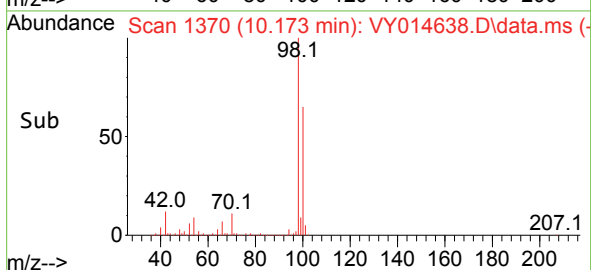
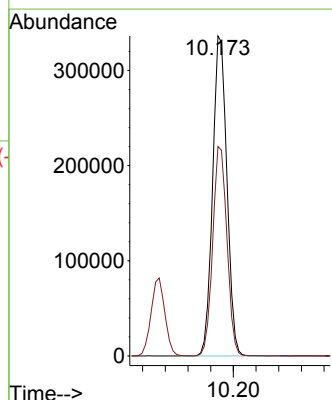
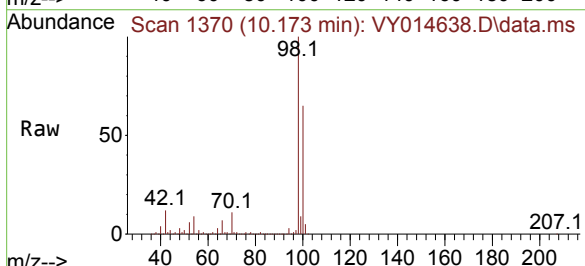
Acq: 14 Jul 2023 11:00

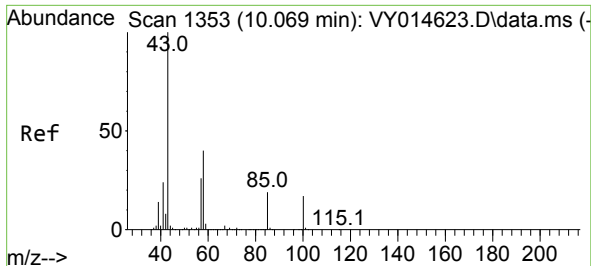
Tgt Ion: 98 Resp: 586565

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

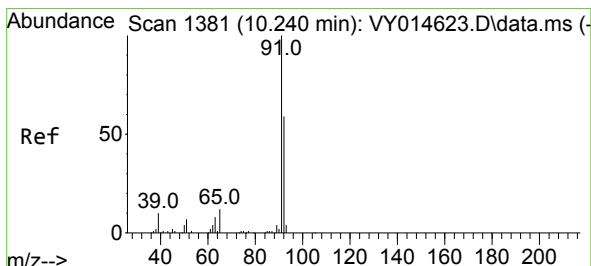
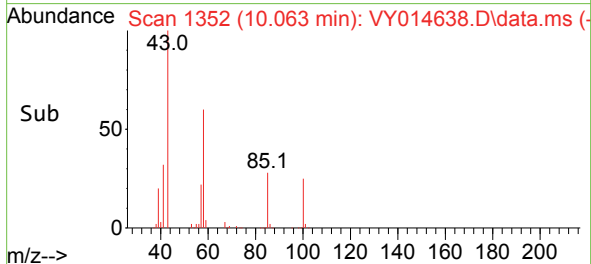
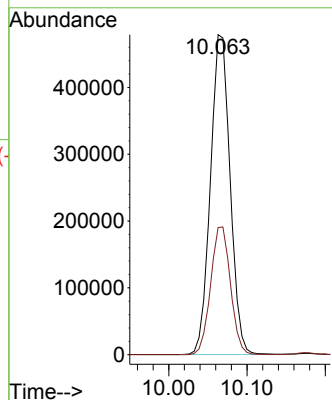
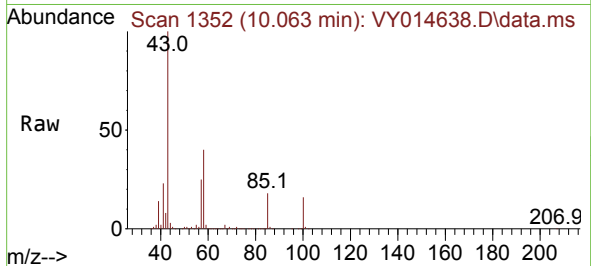




#51
4-Methyl-2-Pentanone
Concen: 261.436 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

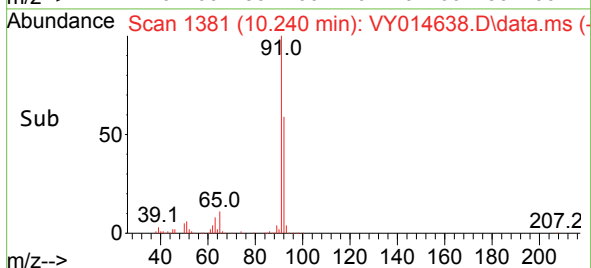
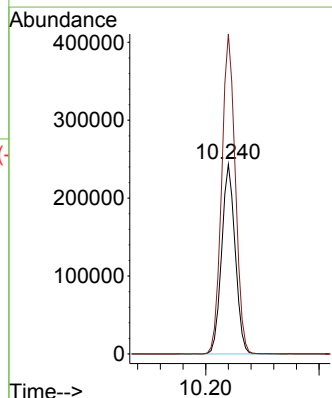
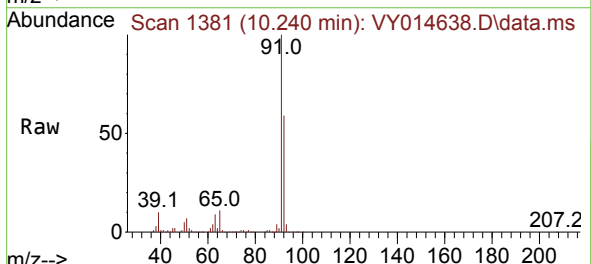
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

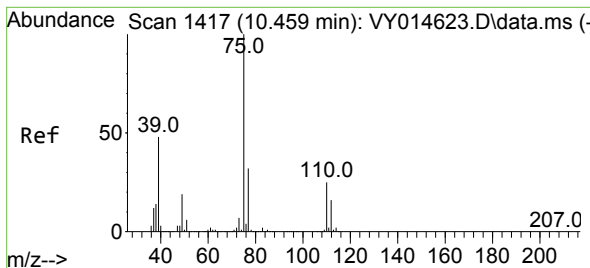
Tgt Ion: 43 Resp: 834257
Ion Ratio Lower Upper
43 100
58 40.4 29.0 43.6



#52
Toluene
Concen: 47.754 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion: 92 Resp: 402733
Ion Ratio Lower Upper
92 100
91 170.1 143.8 215.6

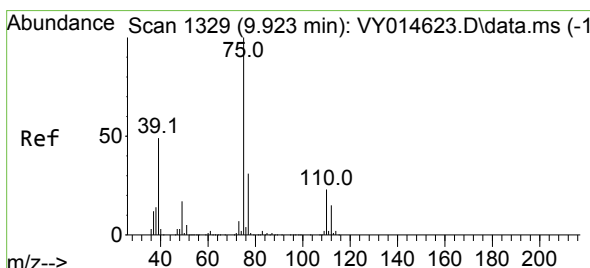
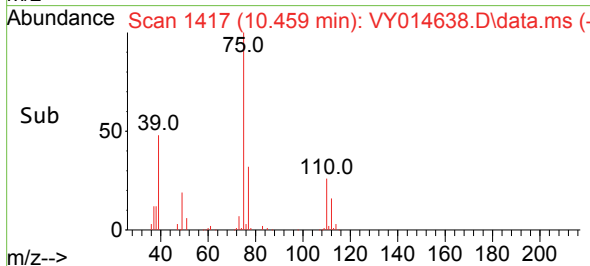
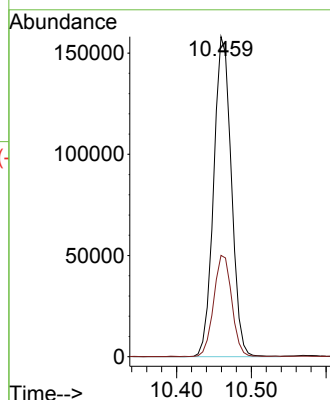
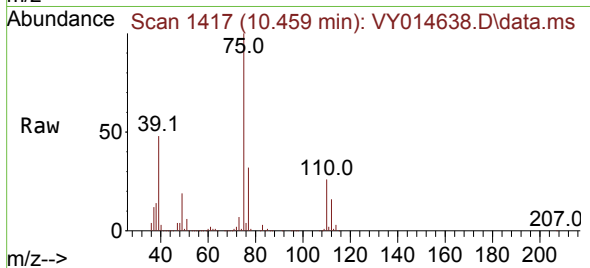




#53
t-1,3-Dichloropropene
Concen: 48.317 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

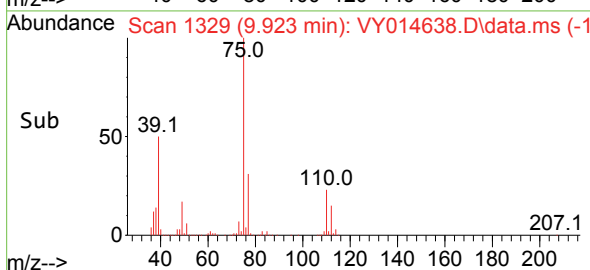
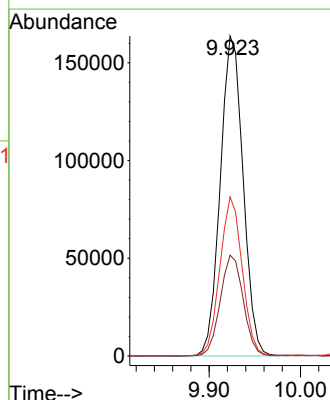
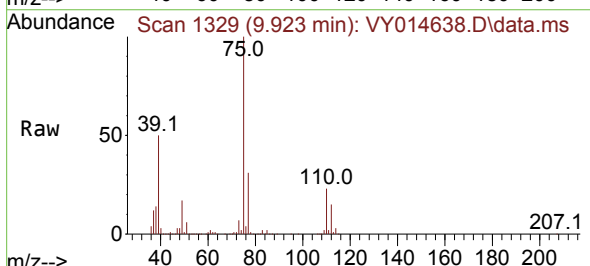
Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050

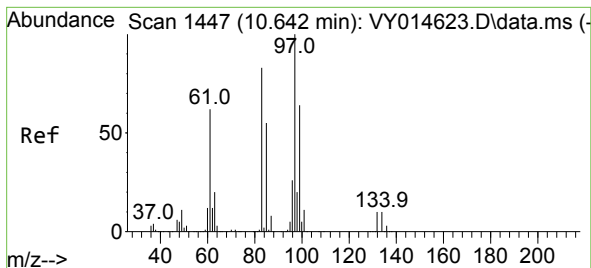
Tgt Ion: 75 Resp: 260061
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 48.569 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion: 75 Resp: 284286
Ion Ratio Lower Upper
75 100
77 31.5 24.2 36.4
39 49.6 42.2 63.4

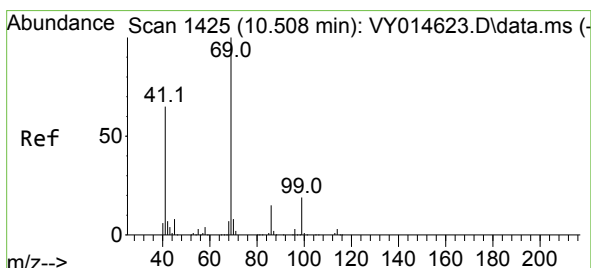
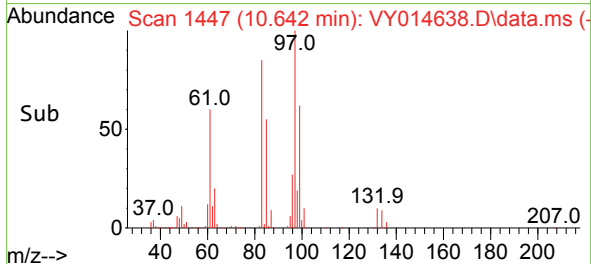
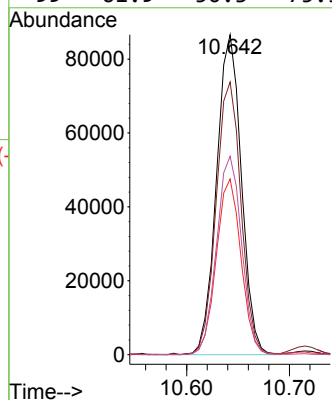
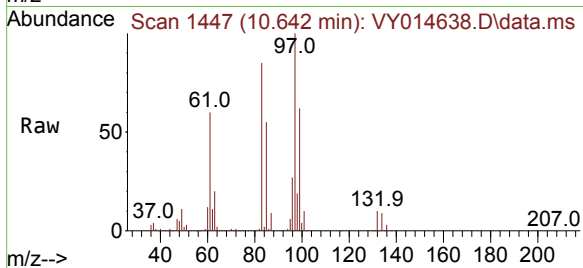




#55
1,1,2-Trichloroethane
Concen: 50.010 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

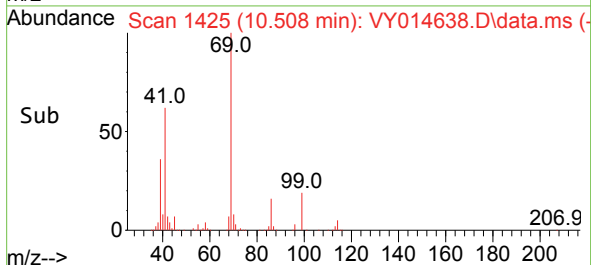
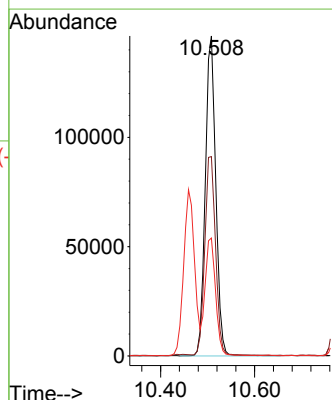
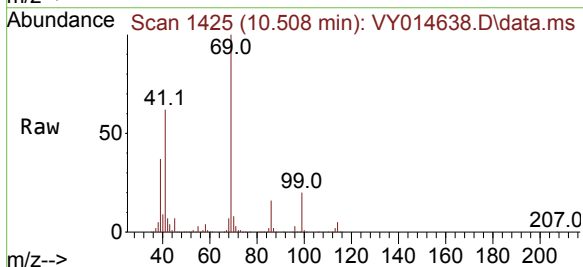
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

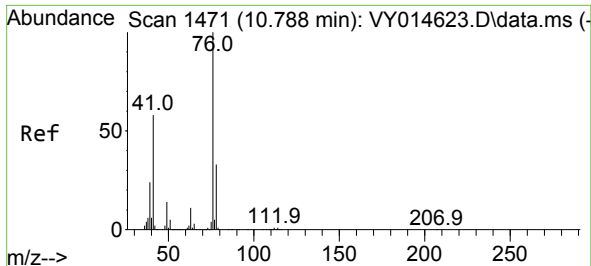
Tgt Ion: 97 Resp: 145438
Ion Ratio Lower Upper
97 100
83 85.2 72.0 108.0
85 54.8 45.4 68.0
99 61.9 50.3 75.5



#56
Ethyl methacrylate
Concen: 50.808 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion: 69 Resp: 225606
Ion Ratio Lower Upper
69 100
41 63.7 57.6 86.4
39 36.7 34.1 51.1





#57

1,3-Dichloropropane

Concen: 49.679 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY014638.D

Acq: 14 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

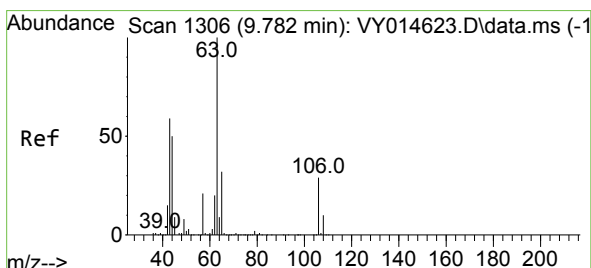
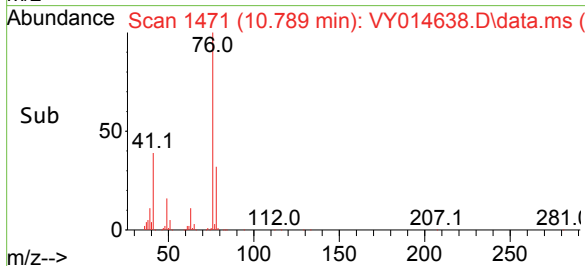
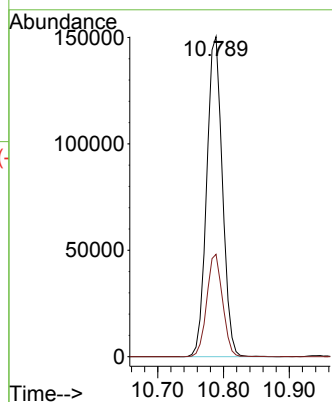
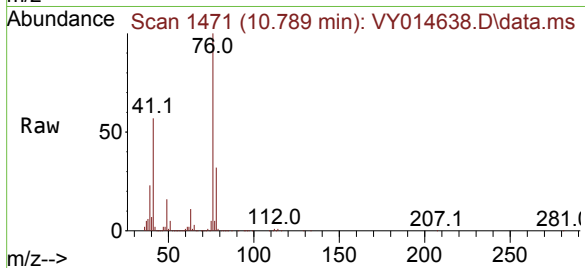
VSTDCCC050

Tgt Ion: 76 Resp: 249193

Ion Ratio Lower Upper

76 100

78 32.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 275.907 ug/l

RT: 9.777 min Scan# 1305

Delta R.T. -0.005 min

Lab File: VY014638.D

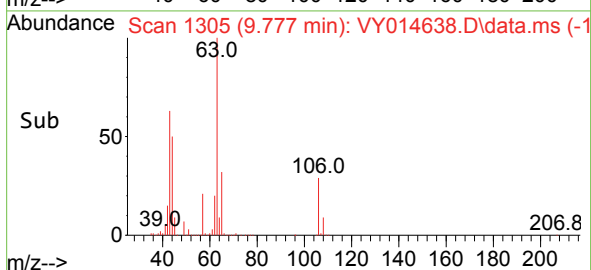
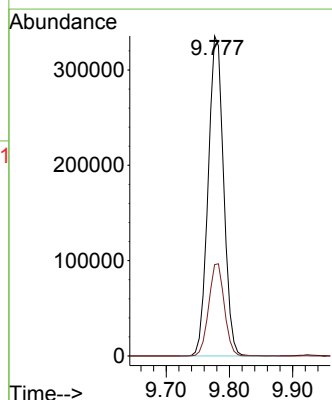
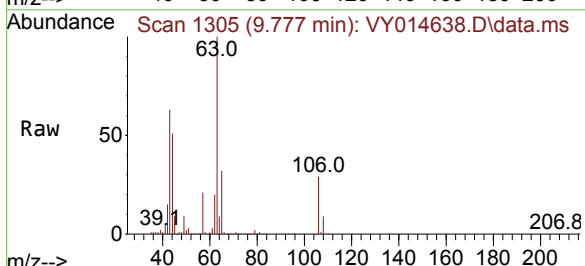
Acq: 14 Jul 2023 11:00

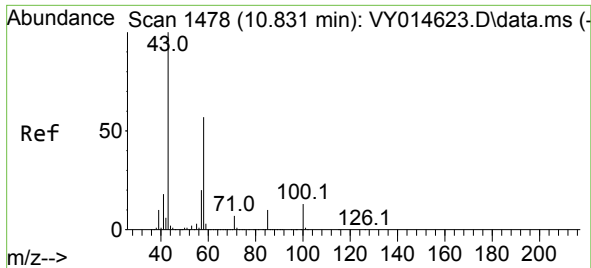
Tgt Ion: 63 Resp: 570835

Ion Ratio Lower Upper

63 100

106 29.0 21.2 31.8

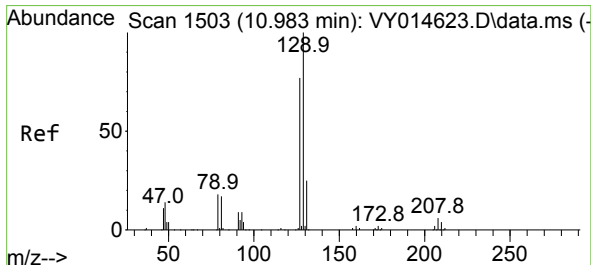
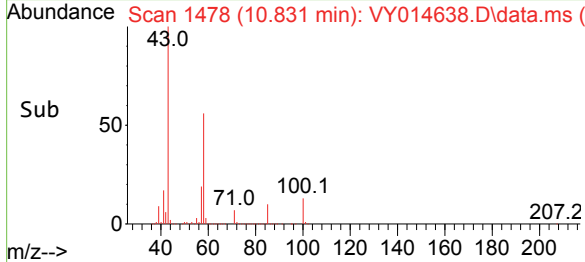
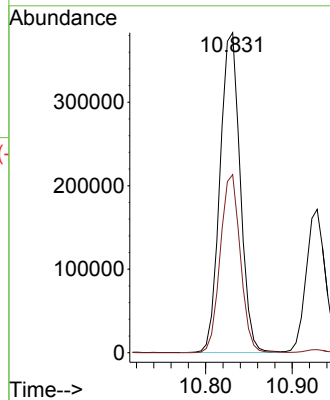
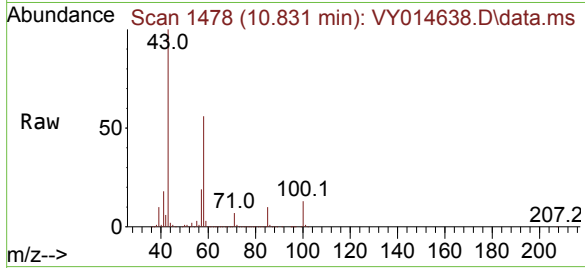




#59
2-Hexanone
Concen: 266.788 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

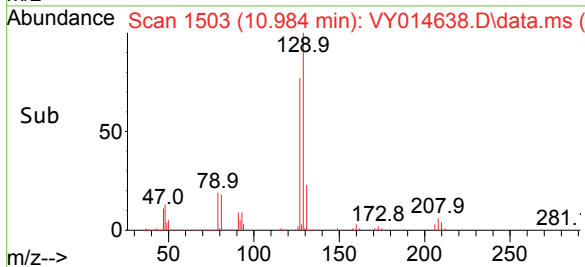
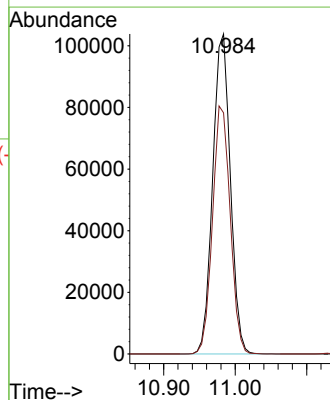
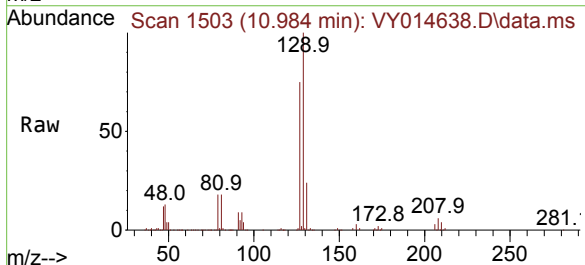
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

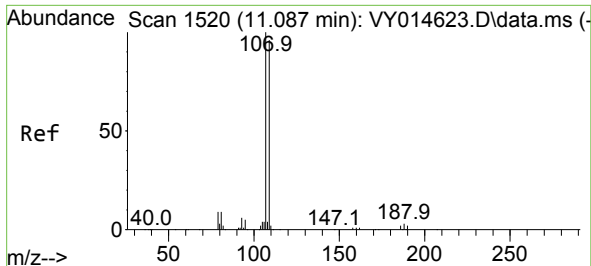
Tgt Ion: 43 Resp: 620840
Ion Ratio Lower Upper
43 100
58 55.3 25.1 75.3



#60
Dibromochloromethane
Concen: 49.883 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion: 129 Resp: 177864
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

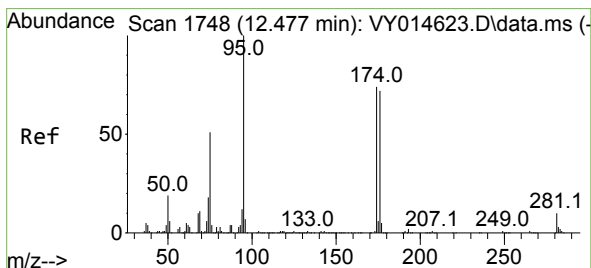
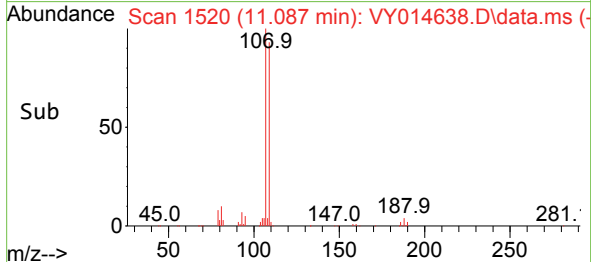
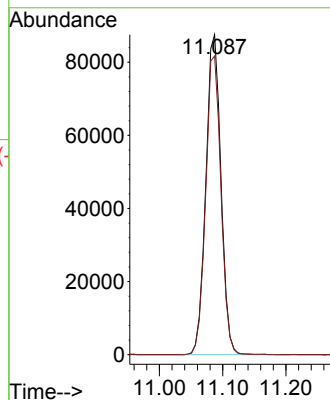
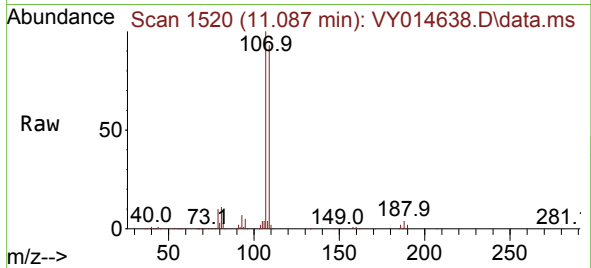




#61
1,2-Dibromoethane
Concen: 50.307 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

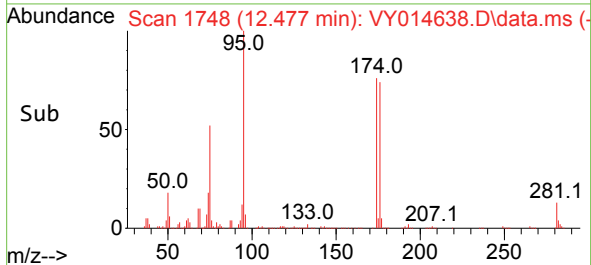
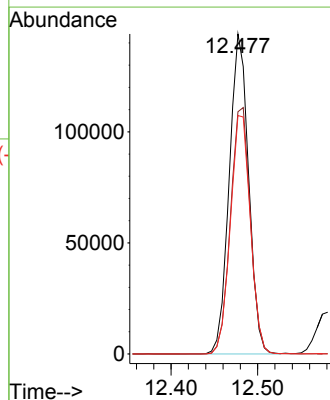
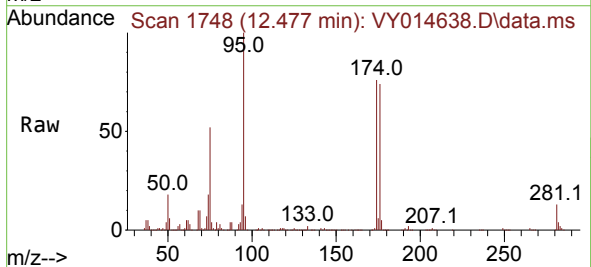
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

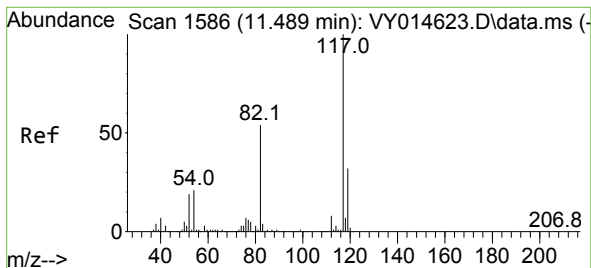
Tgt Ion:107 Resp: 145952
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.040 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion: 95 Resp: 223583
Ion Ratio Lower Upper
95 100
174 79.2 0.0 178.2
176 77.0 0.0 173.8

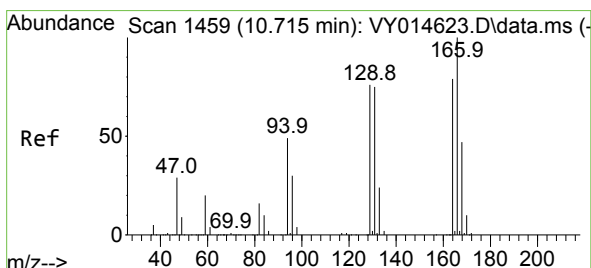
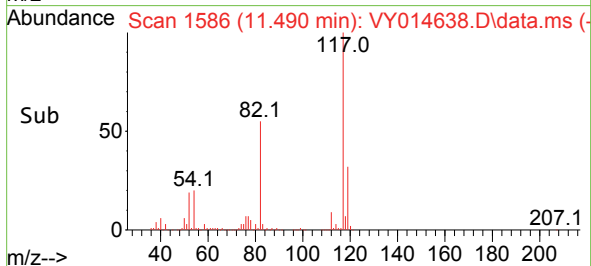
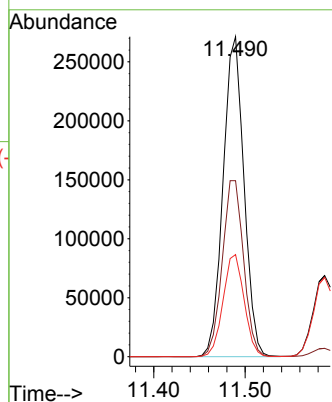
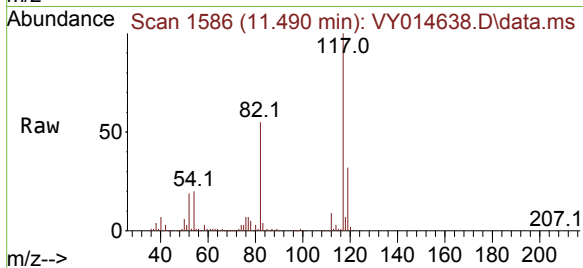




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

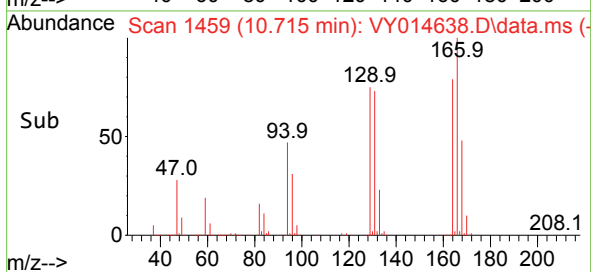
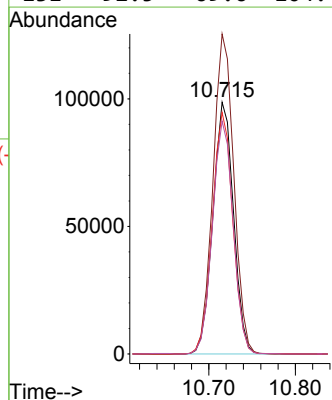
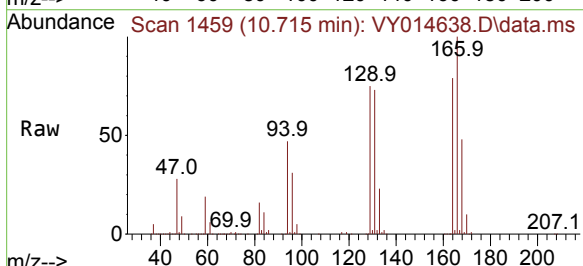
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

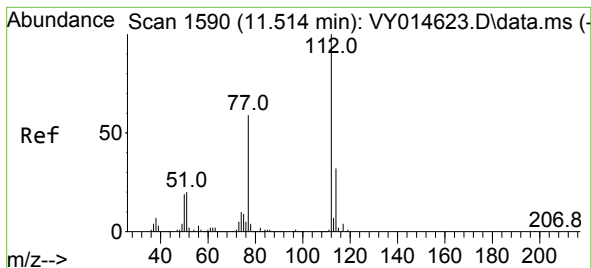
Tgt Ion:117 Resp: 430789
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.0
119 31.9 26.3 39.5



#64
Tetrachloroethene
Concen: 47.104 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion:164 Resp: 163200
Ion Ratio Lower Upper
164 100
166 127.2 103.0 154.6
129 96.0 77.2 115.8
131 92.5 69.6 104.4

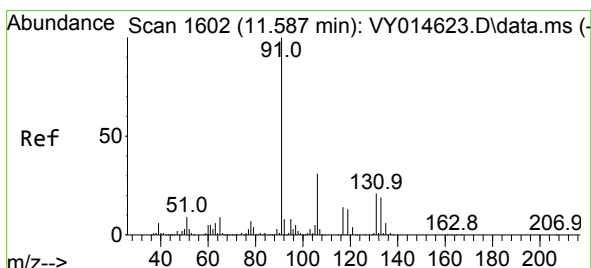
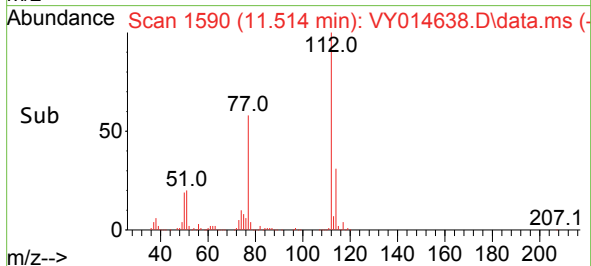
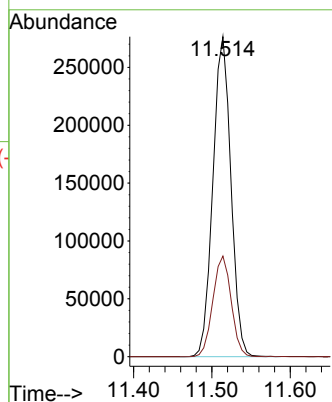
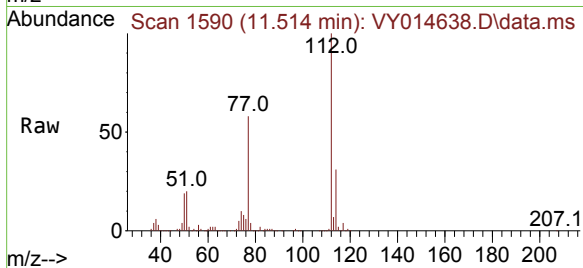




#65
Chlorobenzene
Concen: 48.115 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

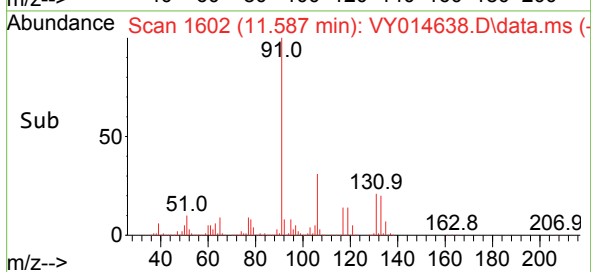
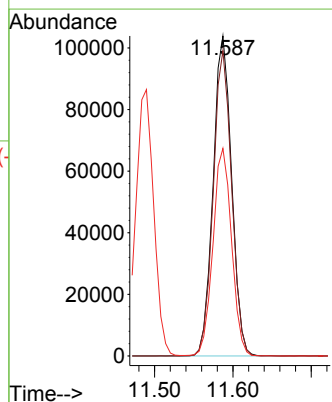
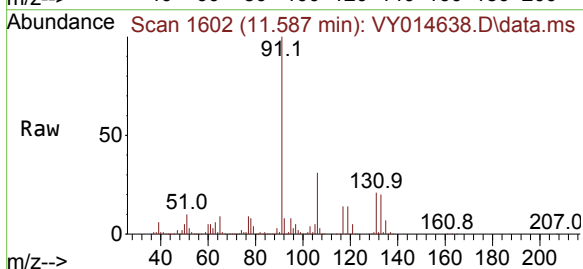
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

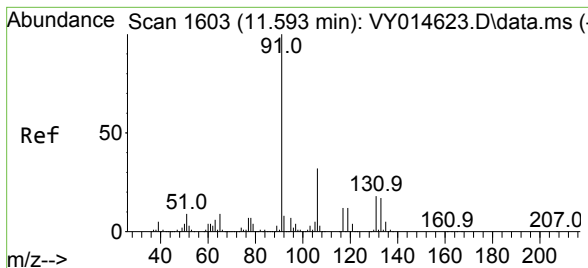
Tgt Ion:112 Resp: 441697
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.195 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion:131 Resp: 170278
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.6
119 65.3 31.6 94.7





#67

Ethyl Benzene

Concen: 46.996 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014638.D

Acq: 14 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

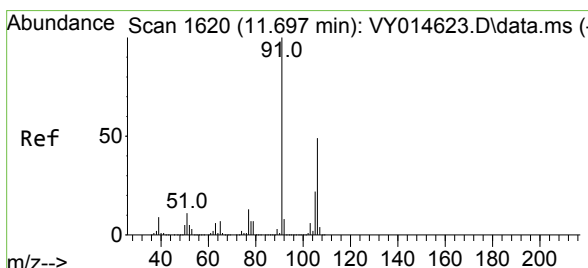
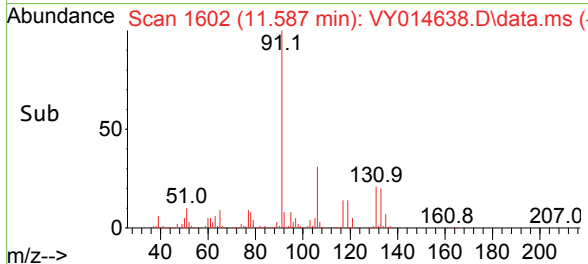
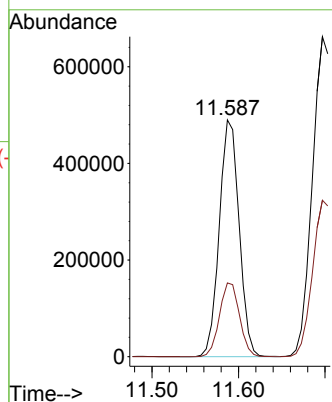
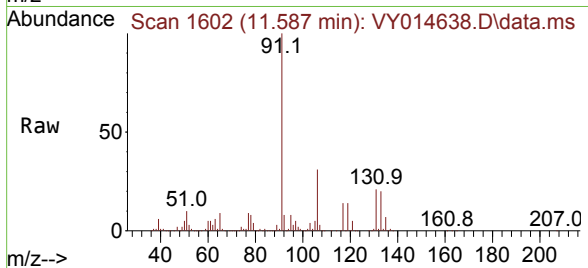
VSTDCCC050

Tgt Ion: 91 Resp: 778944

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 94.604 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY014638.D

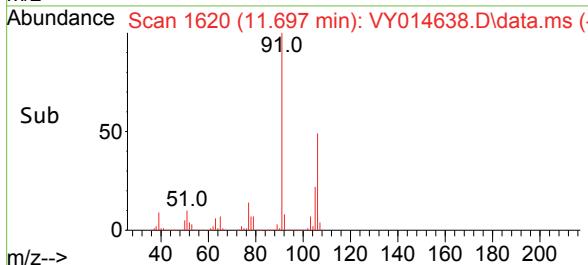
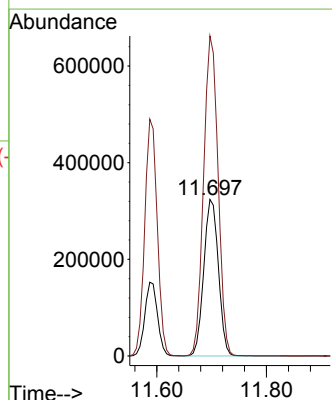
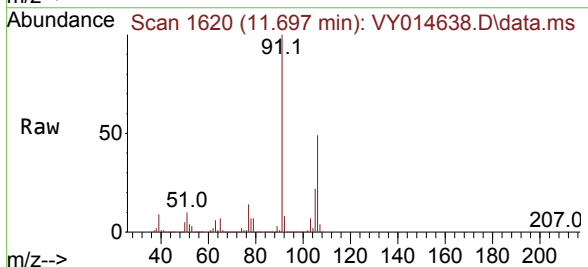
Acq: 14 Jul 2023 11:00

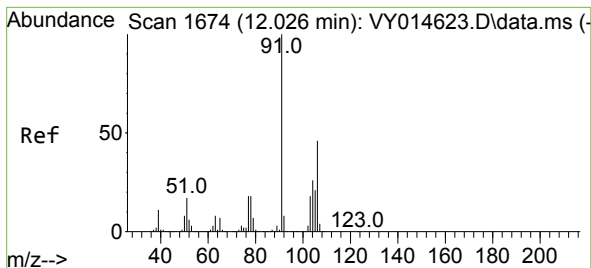
Tgt Ion:106 Resp: 598551

Ion Ratio Lower Upper

106 100

91 202.4 166.1 249.1





#69

o-Xylene

Concen: 47.607 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014638.D

Acq: 14 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

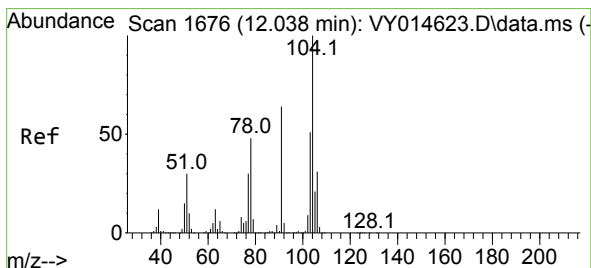
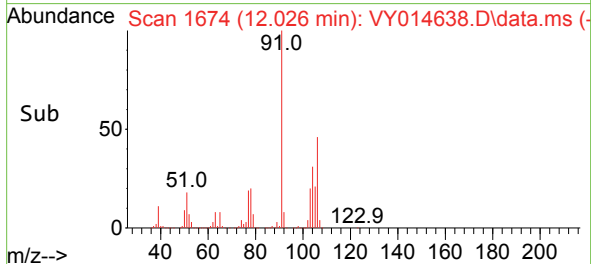
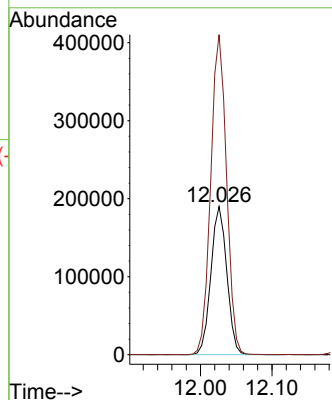
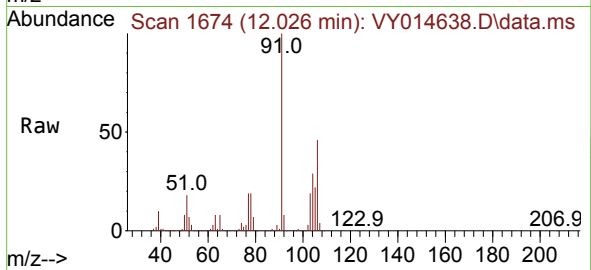
VSTDCCC050

Tgt Ion:106 Resp: 293376

Ion Ratio Lower Upper

106 100

91 214.7 108.1 324.3



#70

Styrene

Concen: 48.336 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY014638.D

Acq: 14 Jul 2023 11:00

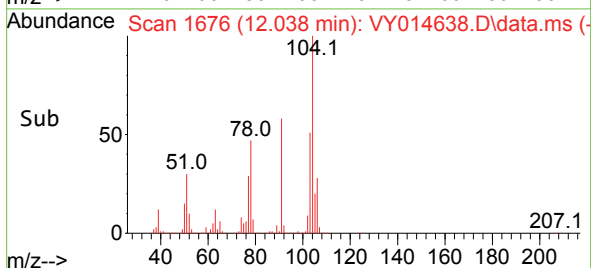
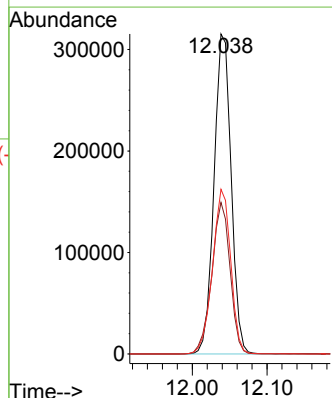
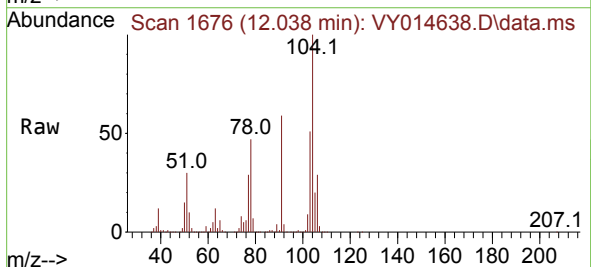
Tgt Ion:104 Resp: 502036

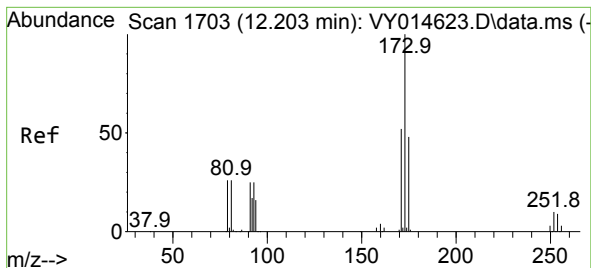
Ion Ratio Lower Upper

104 100

78 50.5 41.5 62.3

103 54.7 44.6 67.0





#71

Bromoform

Concen: 51.362 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014638.D

Acq: 14 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

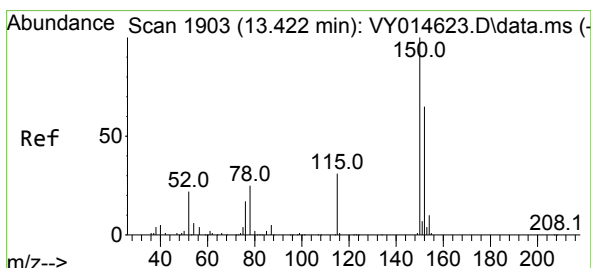
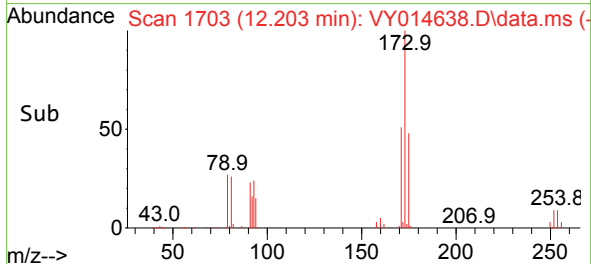
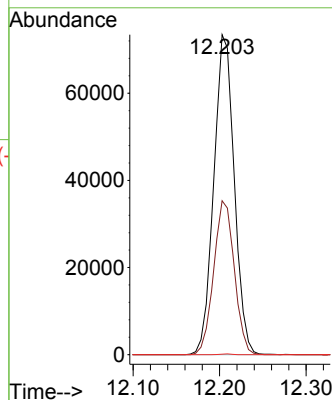
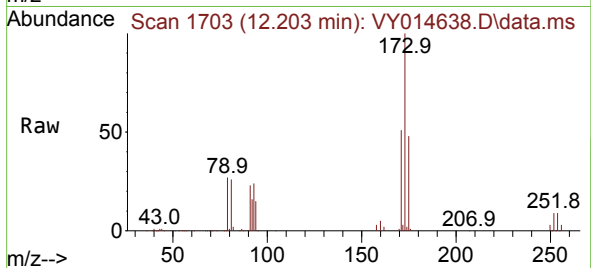
Tgt Ion:173 Resp: 120502

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014638.D

Acq: 14 Jul 2023 11:00

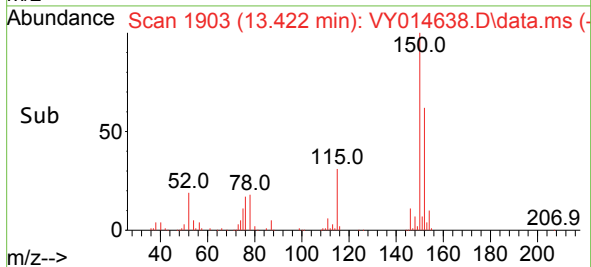
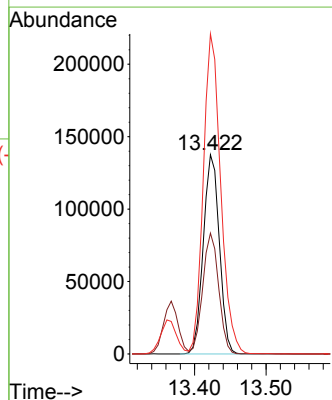
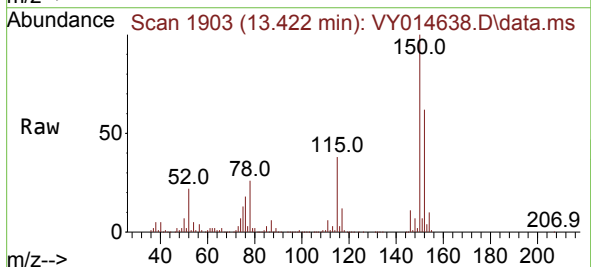
Tgt Ion:152 Resp: 214736

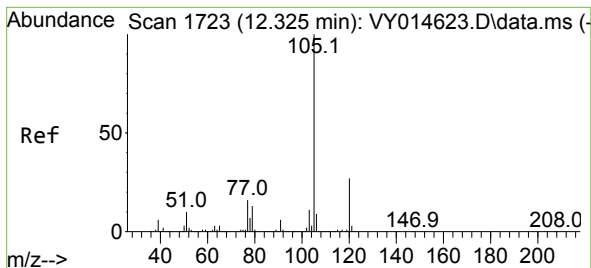
Ion Ratio Lower Upper

152 100

115 60.1 28.8 86.5

150 174.1 0.0 348.8





#73

Isopropylbenzene

Concen: 45.360 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014638.D

Acq: 14 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

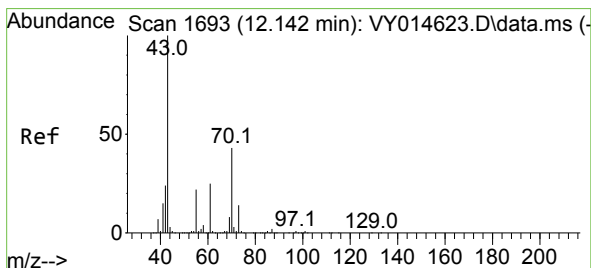
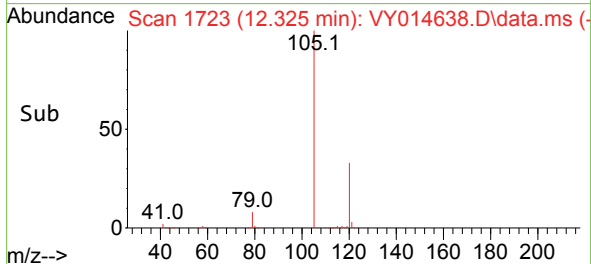
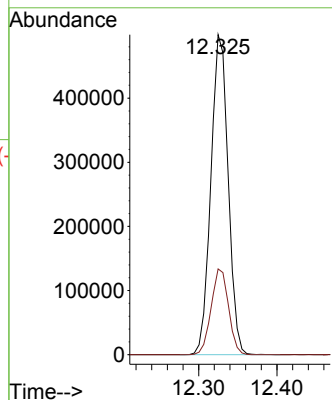
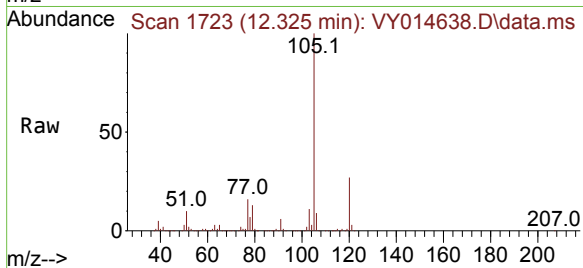
VSTDCCC050

Tgt Ion:105 Resp: 762673

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 49.054 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014638.D

Acq: 14 Jul 2023 11:00

Tgt Ion: 43 Resp: 276239

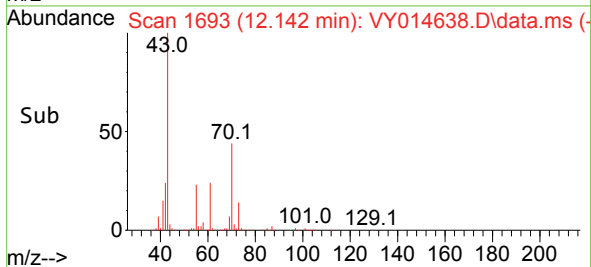
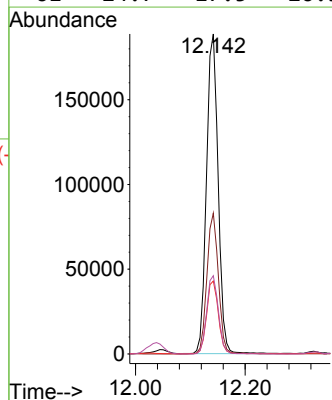
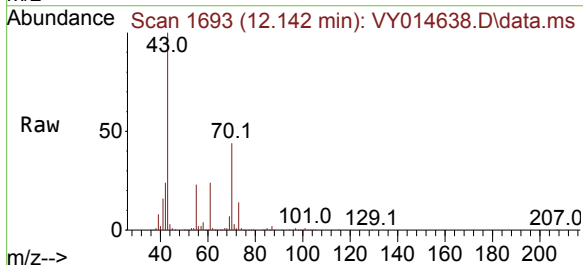
Ion Ratio Lower Upper

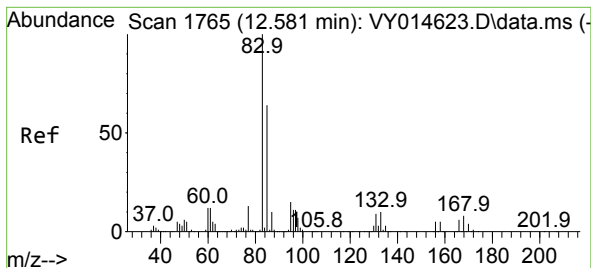
43 100

70 43.6 29.7 44.5

55 23.0 18.3 27.5

61 24.7 17.5 26.3

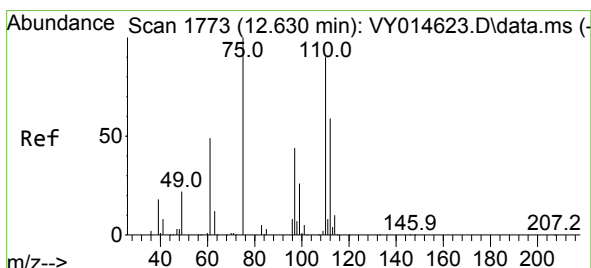
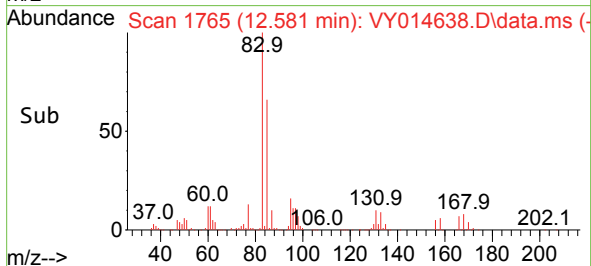
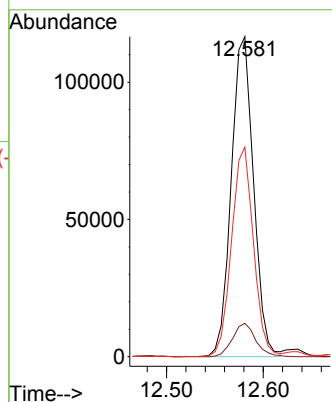
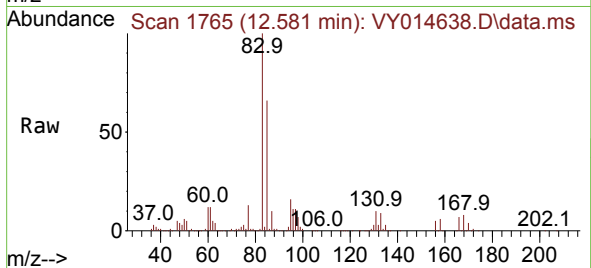




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.722 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY014638.D
 Acq: 14 Jul 2023 11:00

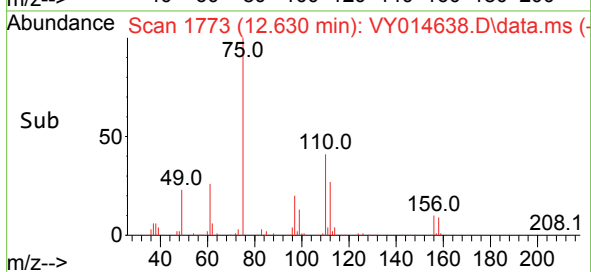
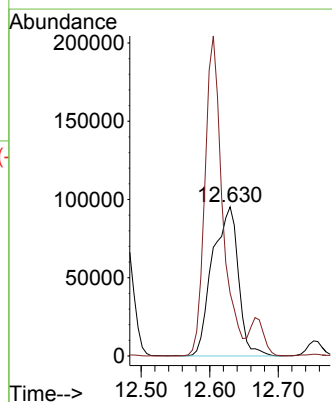
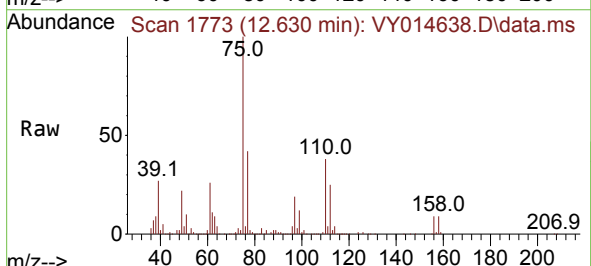
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

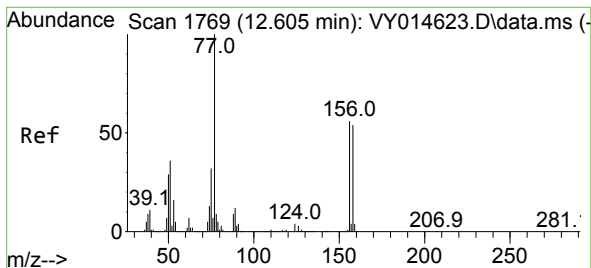
Tgt Ion: 83 Resp: 186816
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.4 16.2
 85 64.5 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 92.241 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY014638.D
 Acq: 14 Jul 2023 11:00

Tgt Ion: 75 Resp: 250162
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.573 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY014638.D

Acq: 14 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

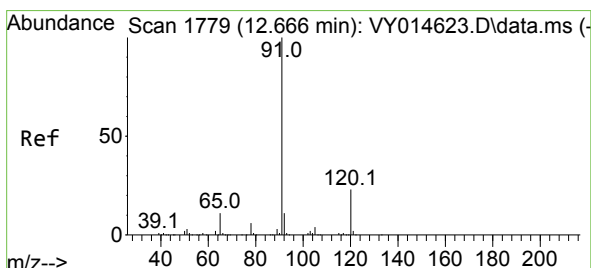
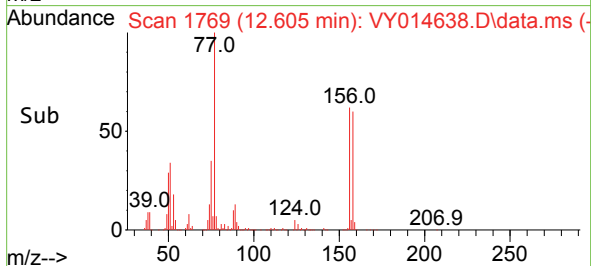
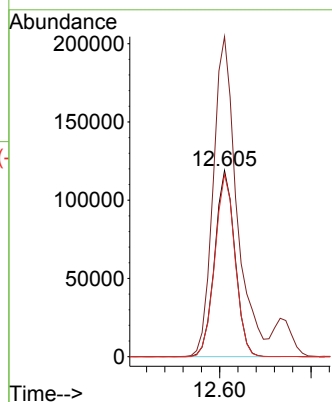
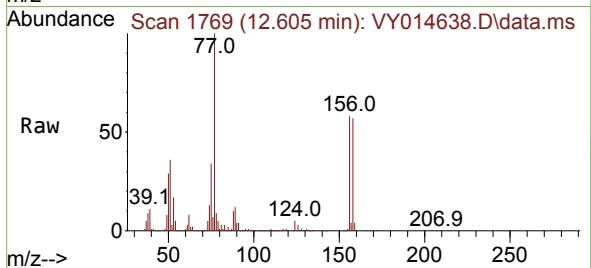
Tgt Ion:156 Resp: 182589

Ion Ratio Lower Upper

156 100

77 199.6 92.8 278.6

158 97.8 48.4 145.3



#78

n-propylbenzene

Concen: 45.526 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY014638.D

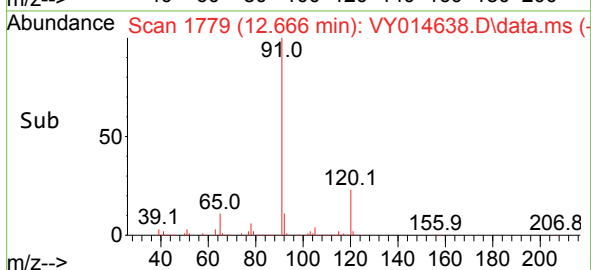
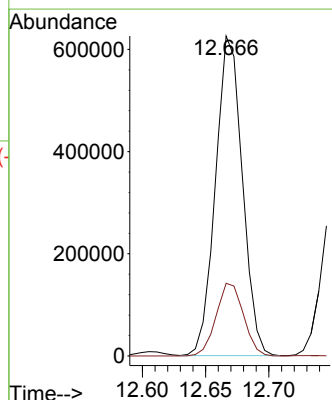
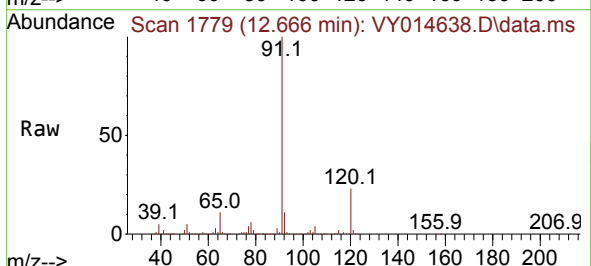
Acq: 14 Jul 2023 11:00

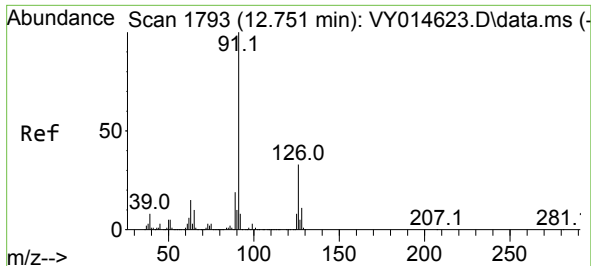
Tgt Ion: 91 Resp: 922409

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 46.193 ug/l

RT: 12.752 min Scan# 1793

Delta R.T. 0.001 min

Lab File: VY014638.D

Acq: 14 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

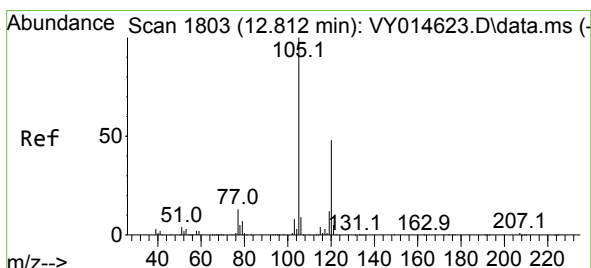
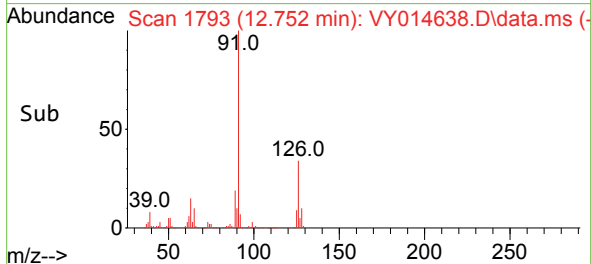
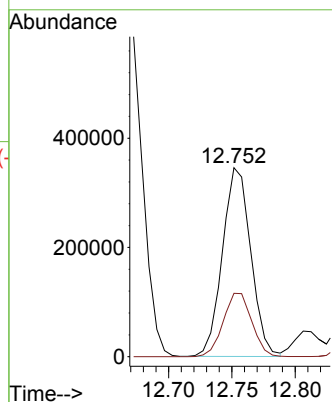
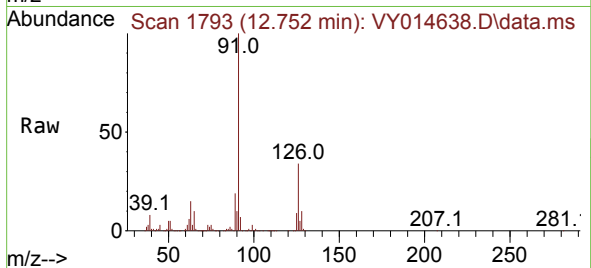
VSTDCCC050

Tgt Ion: 91 Resp: 539076

Ion Ratio Lower Upper

91 100

126 33.9 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 46.246 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY014638.D

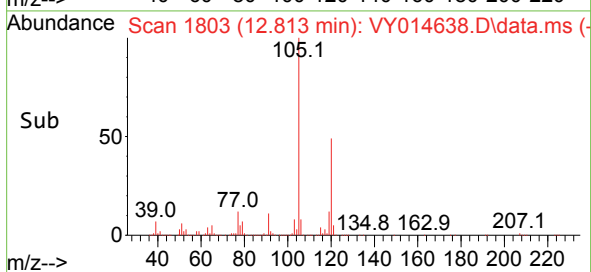
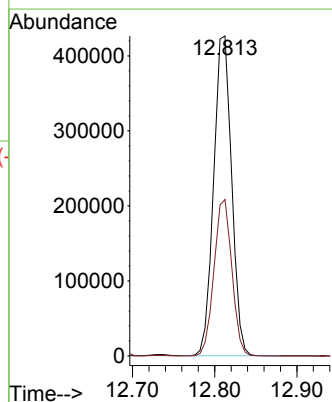
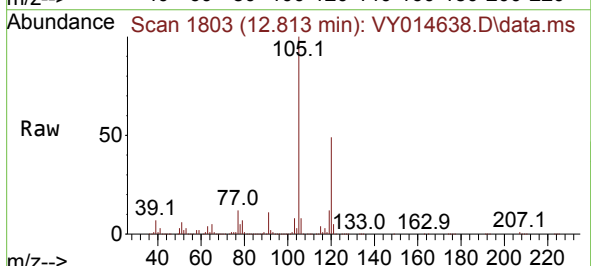
Acq: 14 Jul 2023 11:00

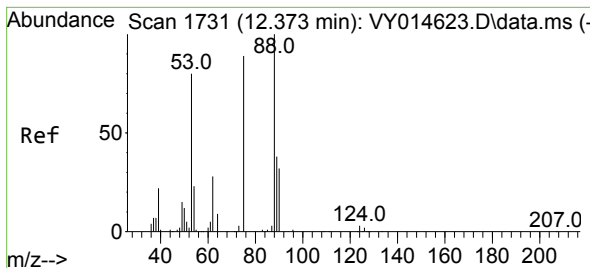
Tgt Ion: 105 Resp: 649382

Ion Ratio Lower Upper

105 100

120 48.6 23.9 71.7

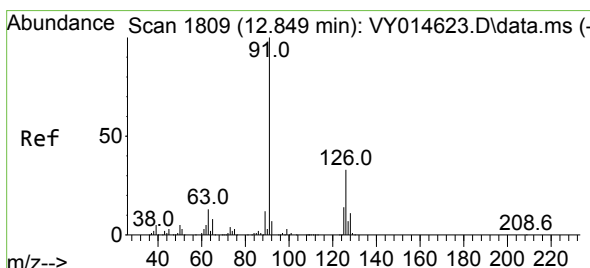
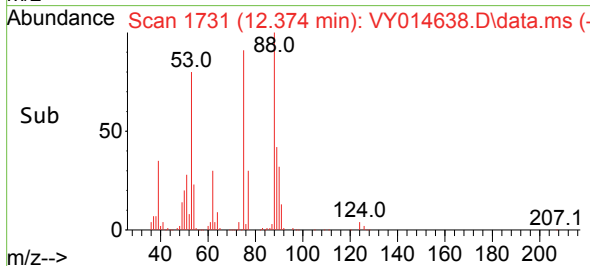
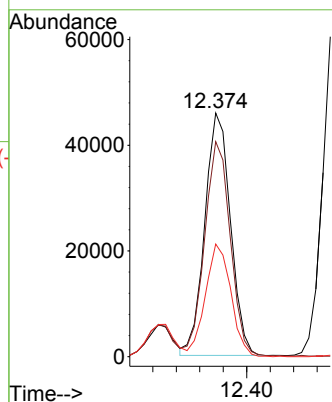
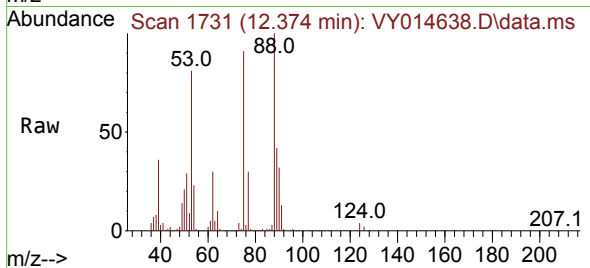




#81
trans-1,4-Dichloro-2-butene
Concen: 49.716 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.001 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

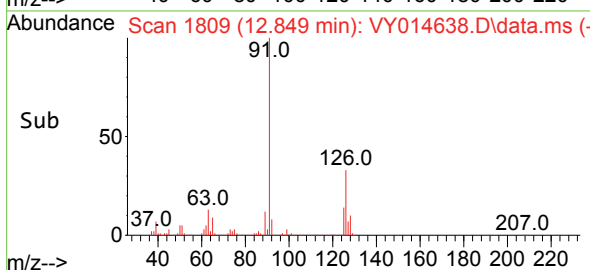
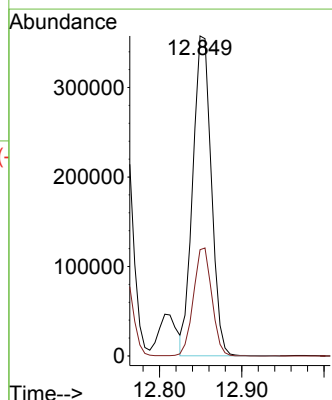
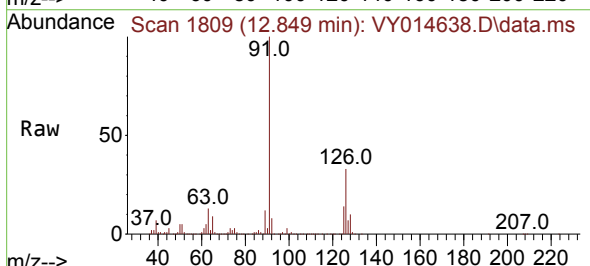
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

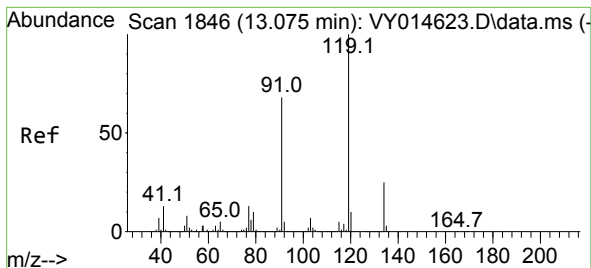
Tgt Ion: 75 Resp: 69639
Ion Ratio Lower Upper
75 100
53 88.7 77.8 116.8
89 46.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 46.415 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion: 91 Resp: 557860
Ion Ratio Lower Upper
91 100
126 33.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 45.961 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY014638.D

Acq: 14 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

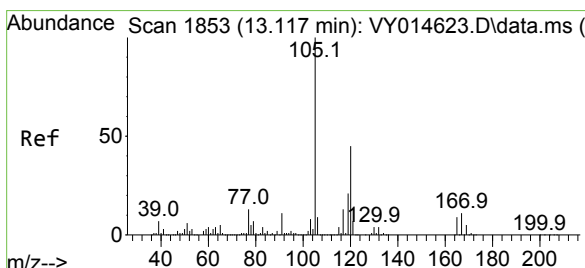
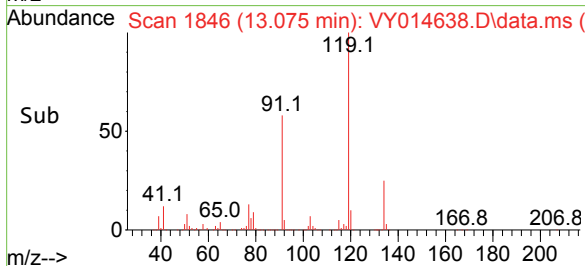
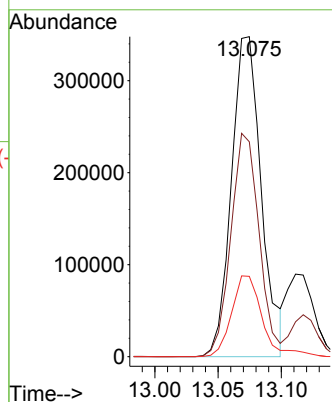
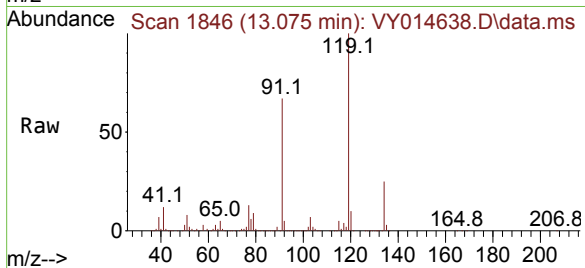
Tgt Ion:119 Resp: 572501

Ion Ratio Lower Upper

119 100

91 66.0 32.9 98.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 46.807 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014638.D

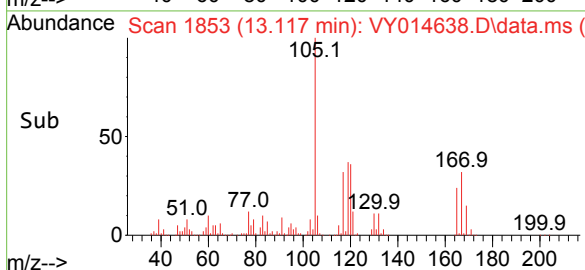
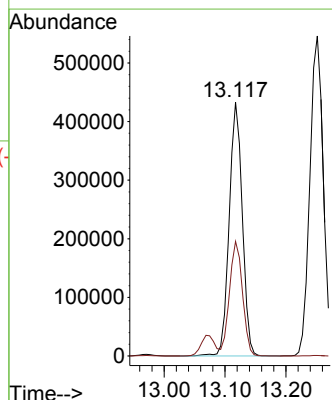
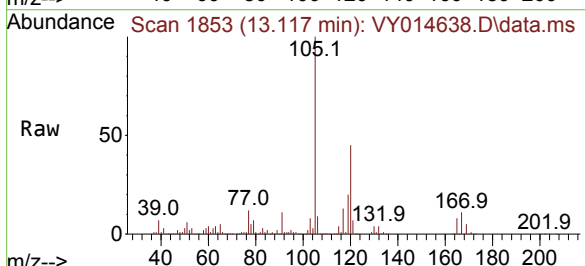
Acq: 14 Jul 2023 11:00

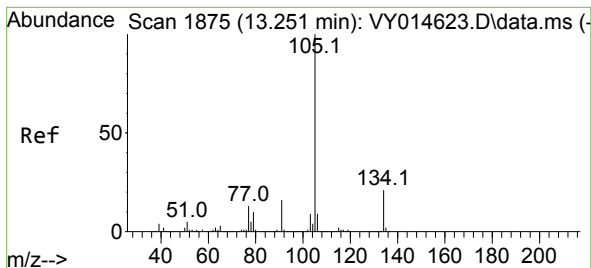
Tgt Ion:105 Resp: 645025

Ion Ratio Lower Upper

105 100

120 44.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 45.587 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014638.D

Acq: 14 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

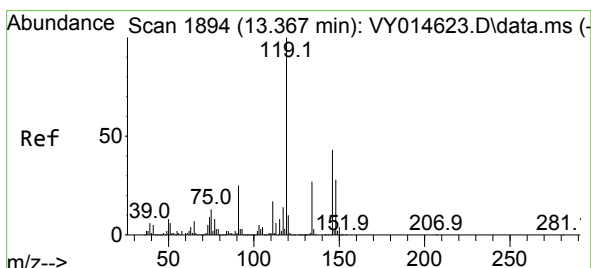
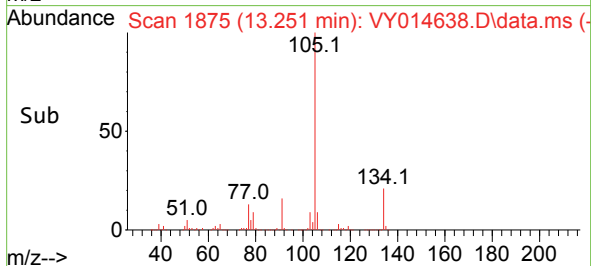
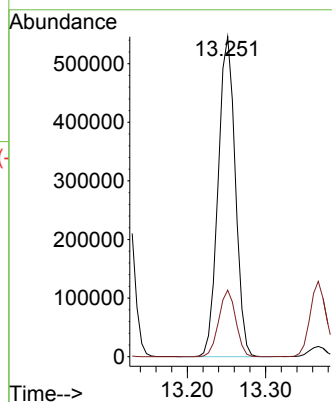
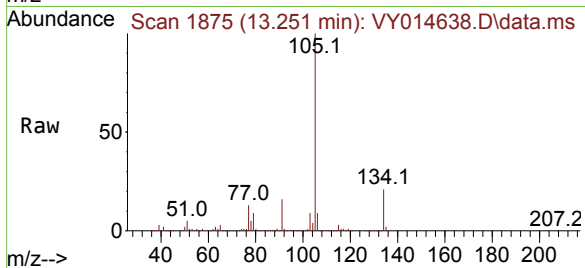
VSTDCCC050

Tgt Ion:105 Resp: 832982

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 46.398 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014638.D

Acq: 14 Jul 2023 11:00

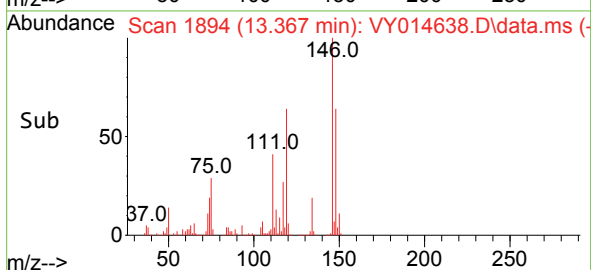
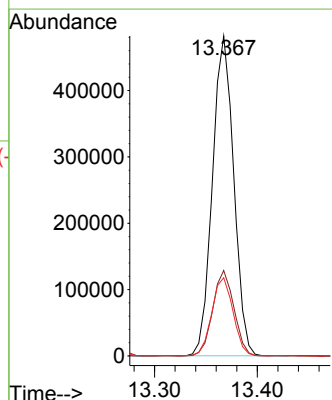
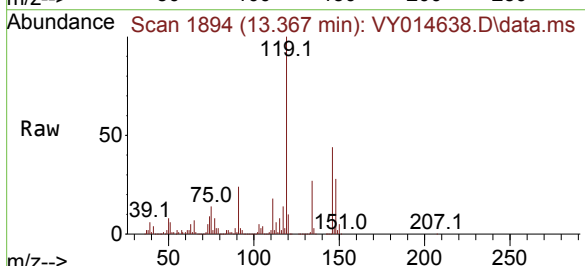
Tgt Ion:119 Resp: 692204

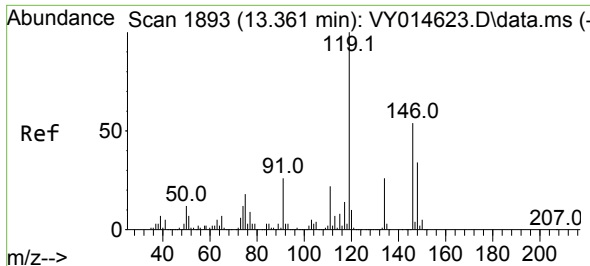
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 24.4 12.4 37.4

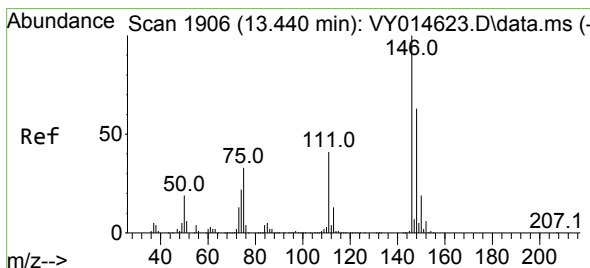
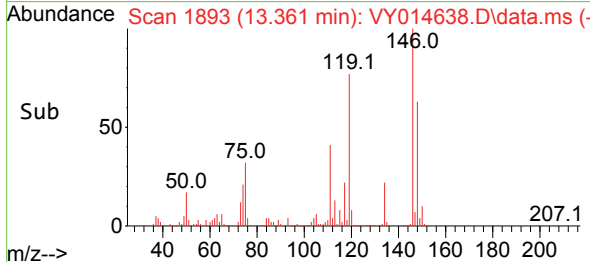
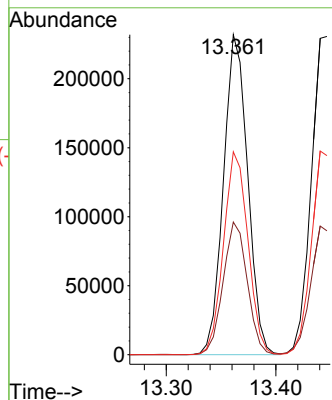
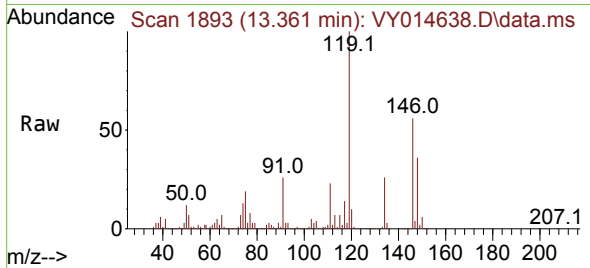




#87
1,3-Dichlorobenzene
Concen: 47.679 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

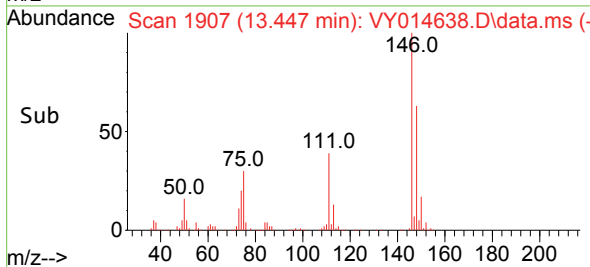
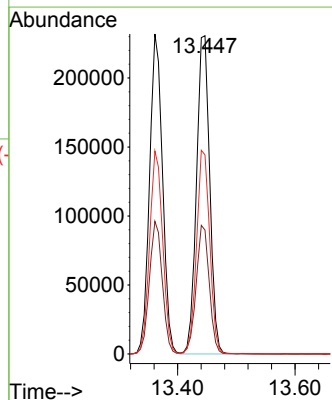
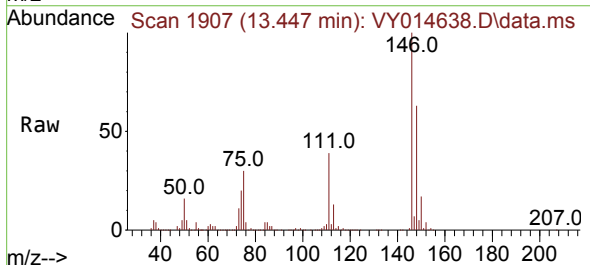
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

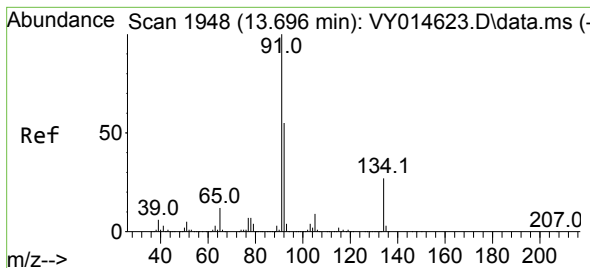
Tgt Ion:146 Resp: 356156
Ion Ratio Lower Upper
146 100
111 41.3 19.4 58.2
148 64.0 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 48.068 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.007 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion:146 Resp: 359804
Ion Ratio Lower Upper
146 100
111 40.0 18.9 56.7
148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 45.347 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014638.D

Acq: 14 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

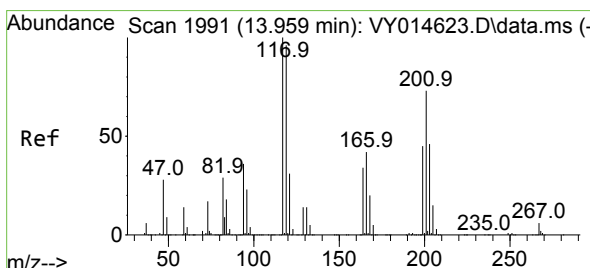
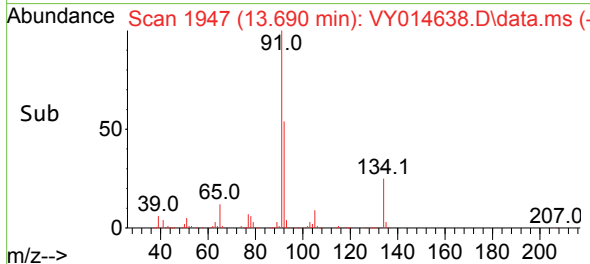
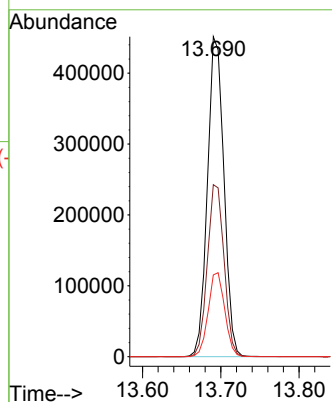
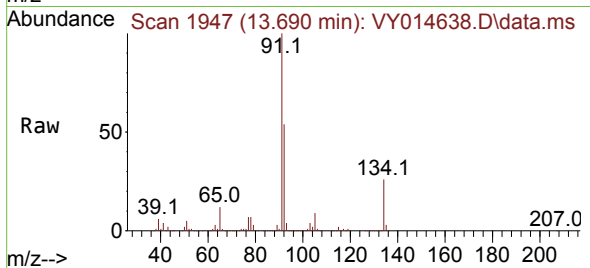
Tgt Ion: 91 Resp: 658200

Ion Ratio Lower Upper

91 100

92 54.5 25.4 76.0

134 26.4 12.6 37.6



#90

Hexachloroethane

Concen: 46.456 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY014638.D

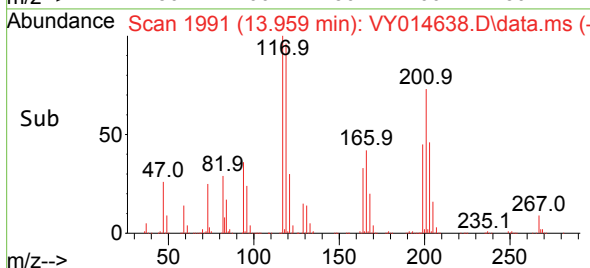
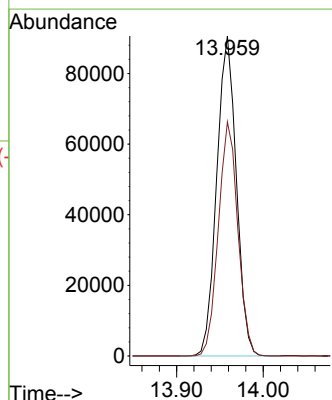
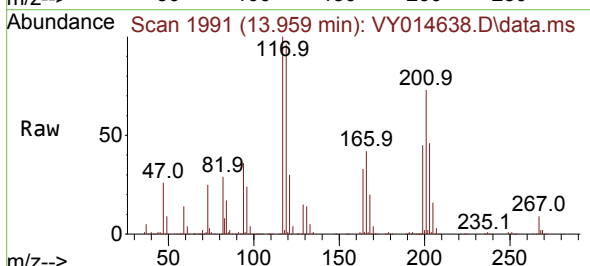
Acq: 14 Jul 2023 11:00

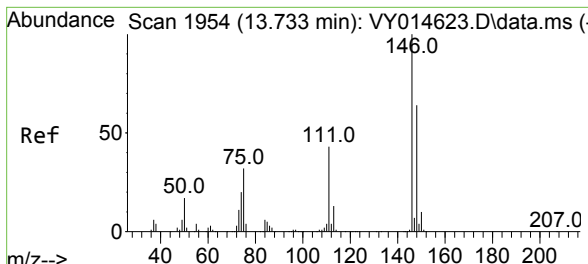
Tgt Ion: 117 Resp: 142358

Ion Ratio Lower Upper

117 100

201 72.8 41.6 124.8

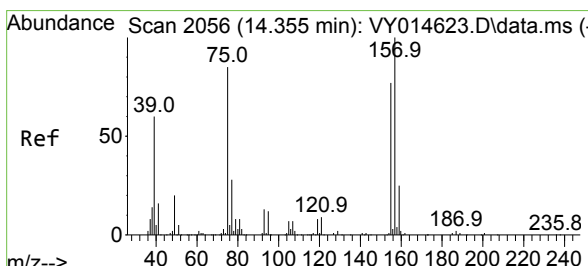
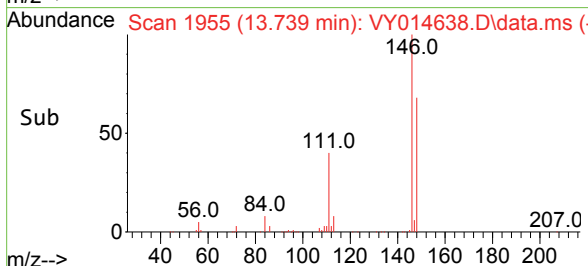
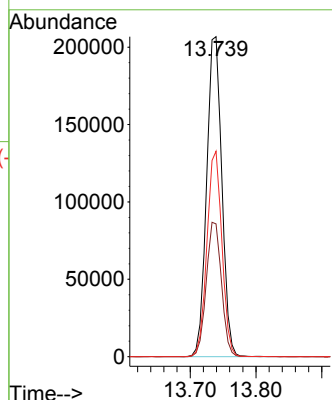
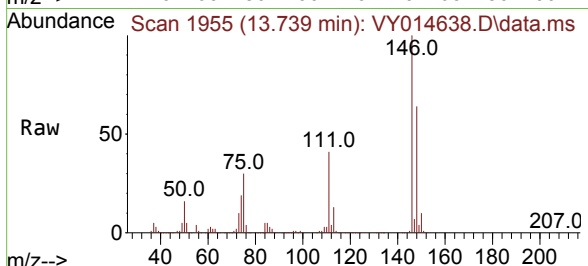




#91
1,2-Dichlorobenzene
Concen: 48.523 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

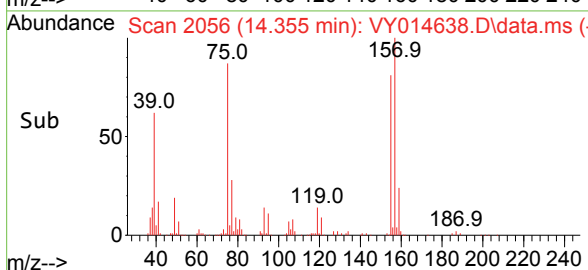
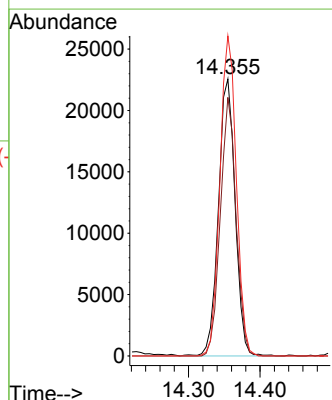
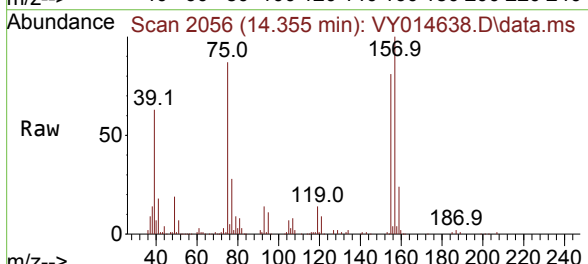
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

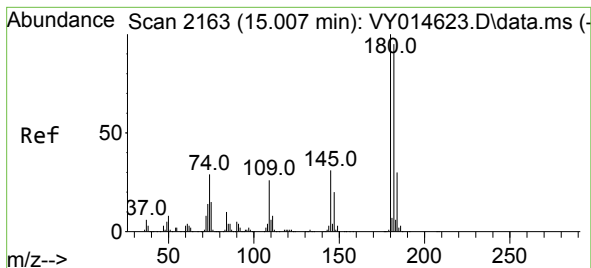
Tgt Ion:146 Resp: 332081
Ion Ratio Lower Upper
146 100
111 42.1 19.7 59.0
148 63.1 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.947 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014638.D
Acq: 14 Jul 2023 11:00

Tgt Ion: 75 Resp: 36625
Ion Ratio Lower Upper
75 100
155 88.2 41.5 124.6
157 113.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.071 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014638.D

Acq: 14 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

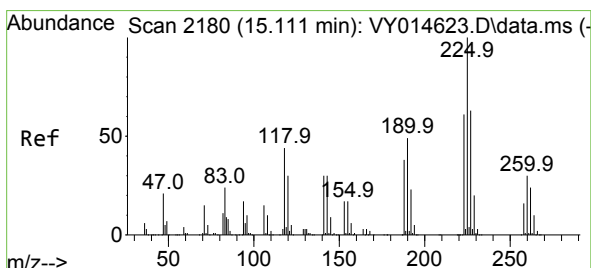
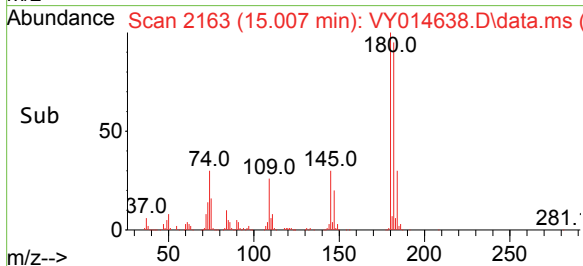
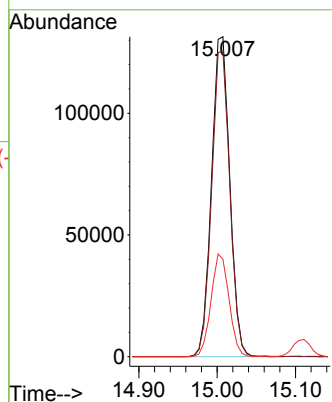
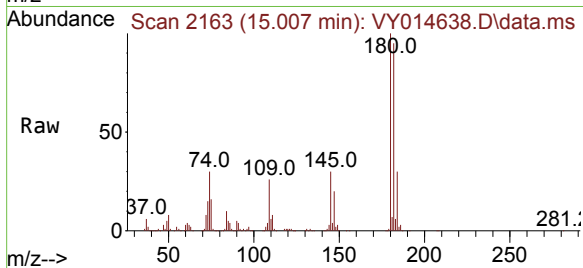
Tgt Ion:180 Resp: 213183

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.2

145 31.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 47.020 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014638.D

Acq: 14 Jul 2023 11:00

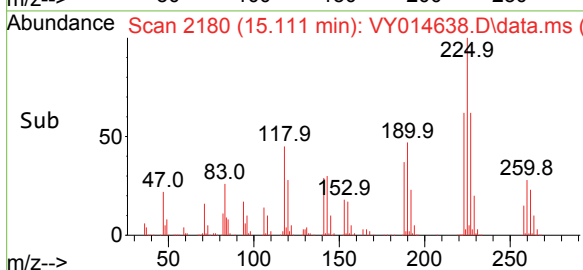
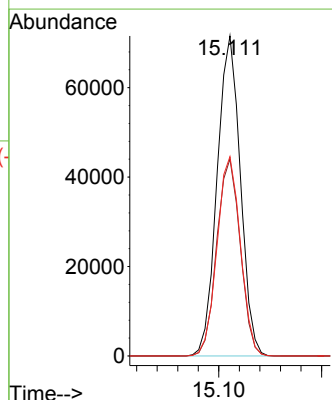
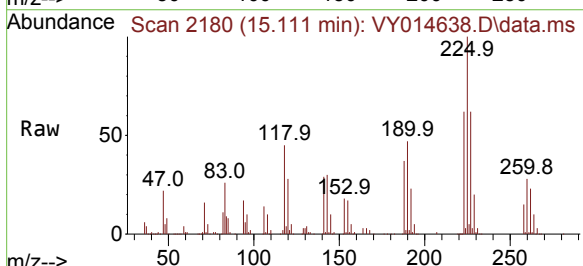
Tgt Ion:225 Resp: 112255

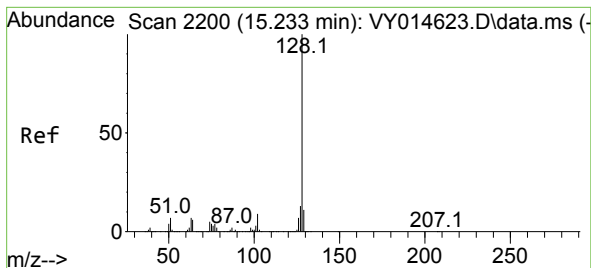
Ion Ratio Lower Upper

225 100

223 62.0 31.9 95.9

227 62.7 33.0 98.9





#95

Naphthalene

Concen: 50.913 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY014638.D

Acq: 14 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

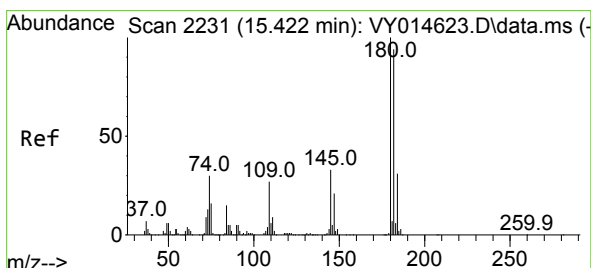
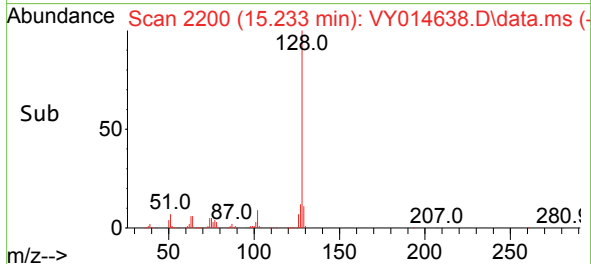
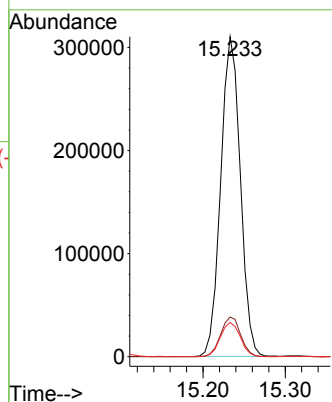
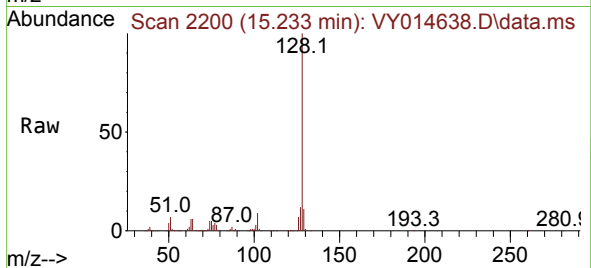
Tgt Ion:128 Resp: 515311

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.196 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014638.D

Acq: 14 Jul 2023 11:00

Tgt Ion:180 Resp: 189947

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.8

145 33.3 15.4 46.2

