

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062823\
 Data File : VY014470.D
 Acq On : 28 Jun 2023 10:34
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 29 02:13:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	265002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	379272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	354001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	196526	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	155736	47.333	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.660%
35) Dibromofluoromethane	7.716	113	122363	52.220	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.440%
50) Toluene-d8	10.179	98	479165	51.442	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.880%
62) 4-Bromofluorobenzene	12.483	95	169770	51.053	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	114313	46.471	ug/l	99
3) Chloromethane	2.113	50	112751	46.838	ug/l	98
4) Vinyl Chloride	2.253	62	127635	48.647	ug/l	97
5) Bromomethane	2.643	94	101016	43.819	ug/l	97
6) Chloroethane	2.790	64	82723	47.599	ug/l	98
7) Trichlorofluoromethane	3.125	101	252910	48.824	ug/l	100
8) Diethyl Ether	3.527	74	74196	46.979	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	122904	50.202	ug/l	97
10) Methyl Iodide	4.088	142	159962	49.472	ug/l	97
11) Tert butyl alcohol	4.948	59	92589	219.061	ug/l #	83
12) 1,1-Dichloroethene	3.875	96	120714	49.446	ug/l	89
13) Acrolein	3.729	56	131767	298.758	ug/l	99
14) Allyl chloride	4.479	41	188135	48.251	ug/l	92
15) Acrylonitrile	5.155	53	202956	229.815	ug/l	100
16) Acetone	3.942	43	258129	249.322	ug/l	99
17) Carbon Disulfide	4.192	76	368804	48.816	ug/l	99
18) Methyl Acetate	4.479	43	154793	43.490	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	367069	48.884	ug/l	99
20) Methylene Chloride	4.710	84	135358	44.679	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	135766	50.577	ug/l	98
22) Diisopropyl ether	6.112	45	378826	48.890	ug/l	97
23) Vinyl Acetate	6.058	43	1175619	297.166	ug/l	96
24) 1,1-Dichloroethane	6.015	63	225836	49.082	ug/l	99
25) 2-Butanone	6.978	43	298552	231.521	ug/l	98
26) 2,2-Dichloropropane	6.978	77	237416	48.799	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	149413	49.445	ug/l	97
28) Bromochloromethane	7.338	49	94859	47.272	ug/l #	82
29) Tetrahydrofuran	7.344	42	173426	225.545	ug/l	90
30) Chloroform	7.508	83	257184	49.550	ug/l	96
31) Cyclohexane	7.783	56	191086	47.019	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	249693	50.540	ug/l	98
36) 1,1-Dichloropropene	7.917	75	185235	51.299	ug/l	98
37) Ethyl Acetate	7.076	43	118152	47.479	ug/l	97
38) Carbon Tetrachloride	7.905	117	237601	52.289	ug/l	99
39) Methylcyclohexane	9.185	83	219620	52.865	ug/l	96
40) Benzene	8.161	78	532236	52.041	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	171256	138.863	ug/l #	41
42) 1,2-Dichloroethane	8.234	62	192874	49.742	ug/l	99
43) Isopropyl Acetate	8.271	43	212245	48.302	ug/l	97
44) Trichloroethene	8.941	130	148019	50.410	ug/l	98
45) 1,2-Dichloropropane	9.215	63	123339	51.148	ug/l	97
46) Dibromomethane	9.307	93	83996	50.972	ug/l	96
47) Bromodichloromethane	9.496	83	197910	51.528	ug/l	97
48) Methyl methacrylate	9.295	41	98532	48.280	ug/l	94
49) 1,4-Dioxane	9.295	88	25568	992.300	ug/l #	62
51) 4-Methyl-2-Pentanone	10.069	43	600956	242.320	ug/l	97
52) Toluene	10.246	92	350651	53.287	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	213217	51.203	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	224073	52.169	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	113982	51.654	ug/l	94
56) Ethyl methacrylate	10.508	69	160923	51.065	ug/l	96
57) 1,3-Dichloropropane	10.788	76	188616	50.819	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	363274	246.092	ug/l	93
59) 2-Hexanone	10.831	43	465953	249.338	ug/l	97
60) Dibromochloromethane	10.983	129	152962	52.256	ug/l	99
61) 1,2-Dibromoethane	11.087	107	115414	52.532	ug/l	98
64) Tetrachloroethene	10.721	164	155900	51.752	ug/l	98
65) Chlorobenzene	11.520	112	379227	52.144	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	152811	52.162	ug/l	98
67) Ethyl Benzene	11.593	91	688151	53.137	ug/l	98
68) m/p-Xylenes	11.703	106	535449	105.858	ug/l	100
69) o-Xylene	12.032	106	253162	52.599	ug/l	99
70) Styrene	12.044	104	441351	53.502	ug/l	100
71) Bromoform	12.209	173	110812	51.180	ug/l	98
73) Isopropylbenzene	12.331	105	681348	51.488	ug/l	99
74) N-amyl acetate	12.142	43	200351	47.806	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	137132	48.490	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	196335	79.641	ug/l #	100
77) Bromobenzene	12.611	156	174243	50.641	ug/l	93
78) n-propylbenzene	12.672	91	820378	51.386	ug/l	98
79) 2-Chlorotoluene	12.758	91	464405	50.934	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	589847	51.527	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	51526	47.584	ug/l	93
82) 4-Chlorotoluene	12.855	91	487551	50.195	ug/l	98
83) tert-Butylbenzene	13.075	119	500661	51.016	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	589181	51.941	ug/l	99
85) sec-Butylbenzene	13.251	105	737018	51.932	ug/l	99
86) p-Isopropyltoluene	13.373	119	636487	51.800	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	337113	50.796	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	338821	50.783	ug/l	100
89) n-Butylbenzene	13.696	91	579526	51.619	ug/l	99
90) Hexachloroethane	13.965	117	117535	50.281	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	310258	51.210	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	29918	47.865	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	201843	51.279	ug/l	100
94) Hexachlorobutadiene	15.111	225	117975	49.896	ug/l	97
95) Naphthalene	15.239	128	417548	49.339	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	177932	49.645	ug/l	100

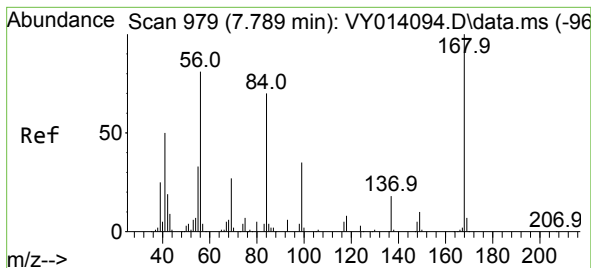
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

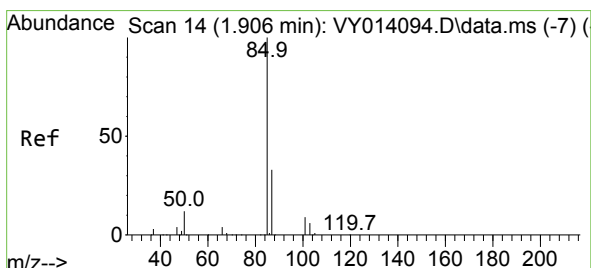
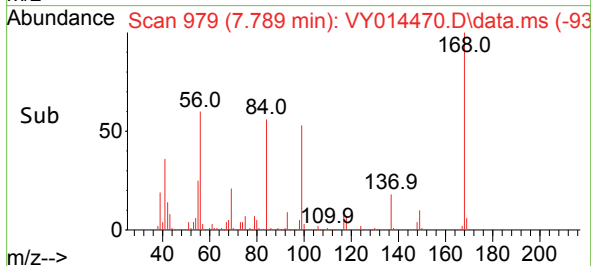
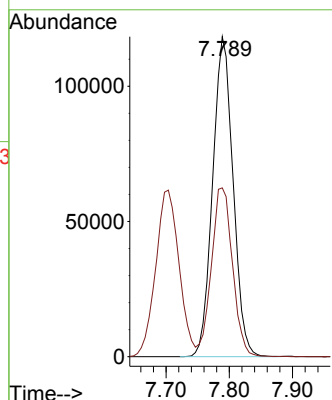
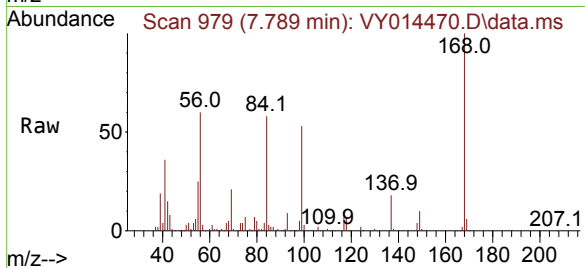
VSTDCCC050

Tgt Ion:168 Resp: 265002

Ion Ratio Lower Upper

168 100

99 52.7 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 46.471 ug/l

RT: 1.906 min Scan# 14

Delta R.T. -0.000 min

Lab File: VY014470.D

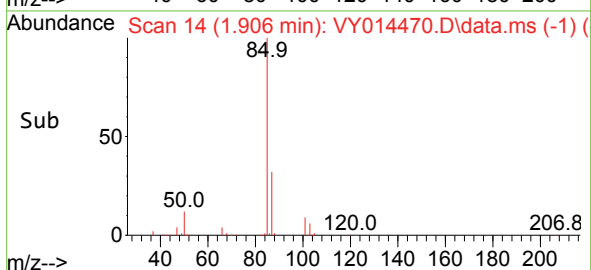
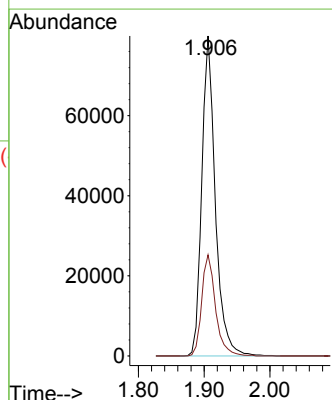
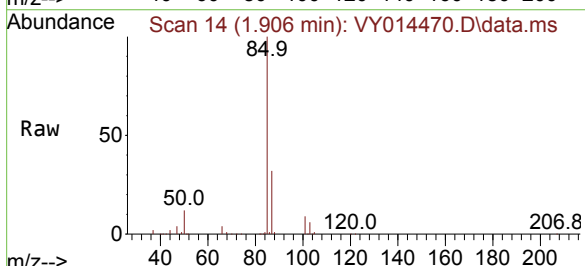
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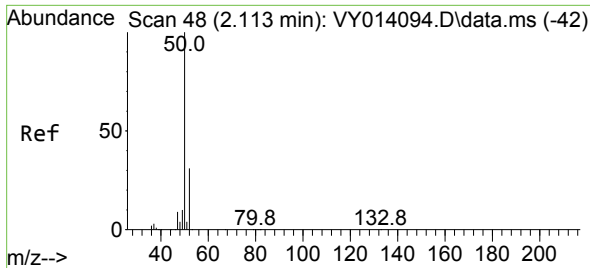
Tgt Ion: 85 Resp: 114313

Ion Ratio Lower Upper

85 100

87 31.6 15.6 46.8

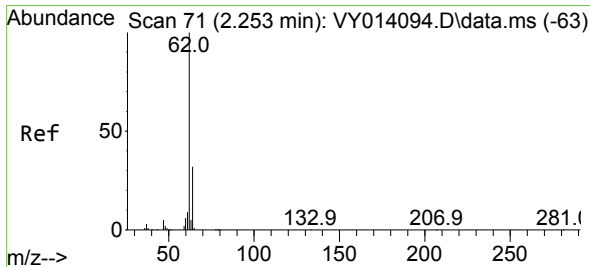
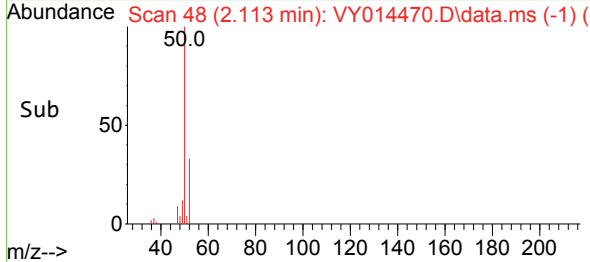
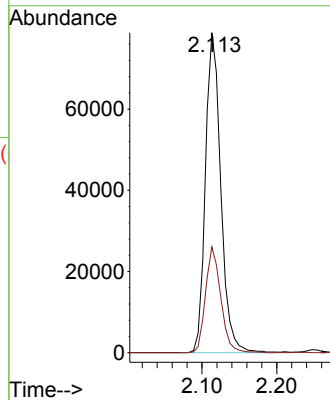
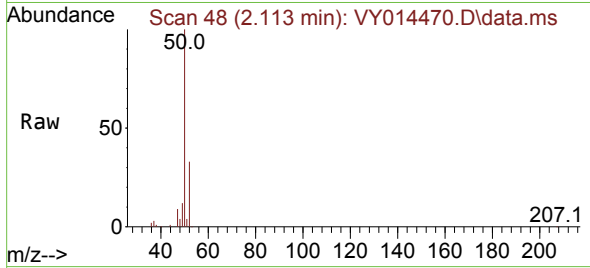




#3
Chloromethane
Concen: 46.838 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

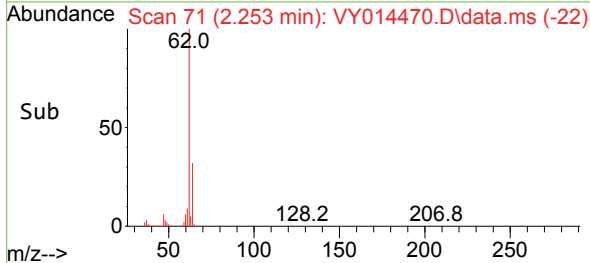
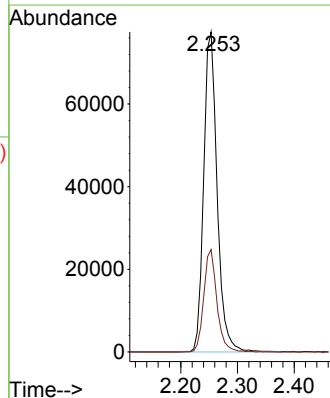
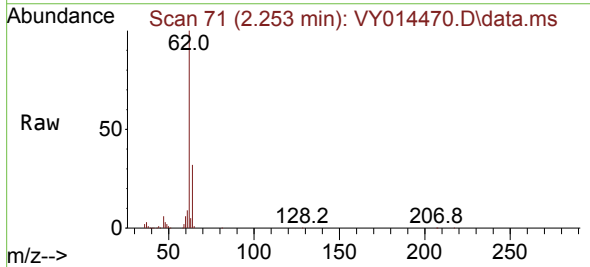
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

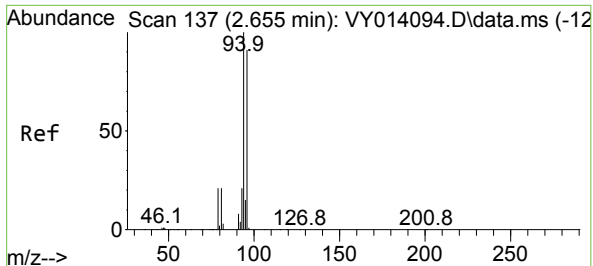
Tgt Ion: 50 Resp: 112751
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.2



#4
Vinyl Chloride
Concen: 48.647 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

Tgt Ion: 62 Resp: 127635
Ion Ratio Lower Upper
62 100
64 32.0 24.3 36.5

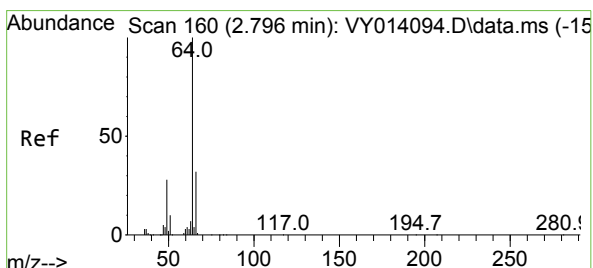
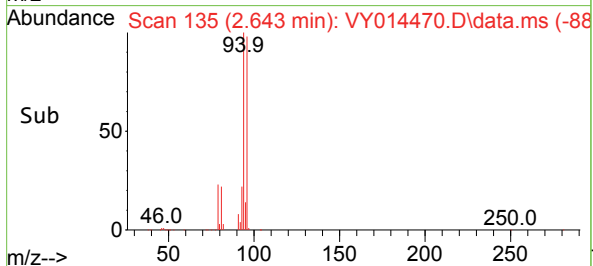
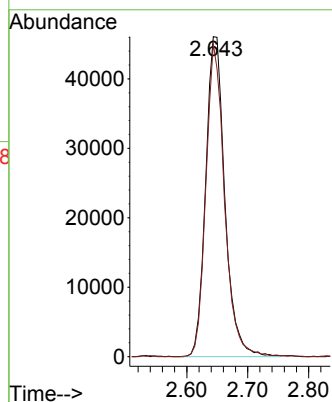
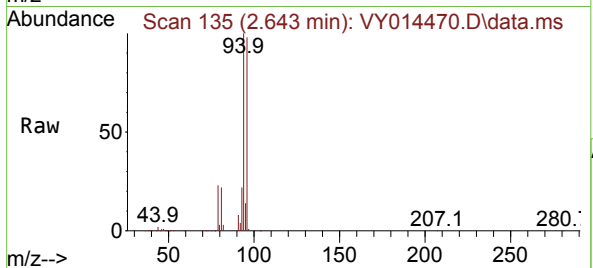




#5
Bromomethane
Concen: 43.819 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

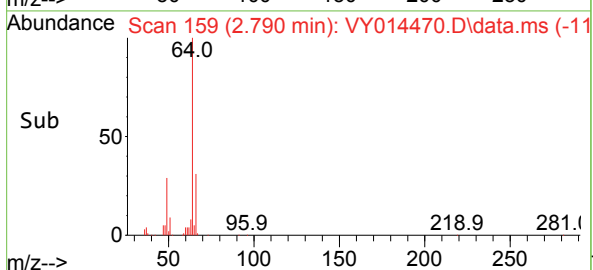
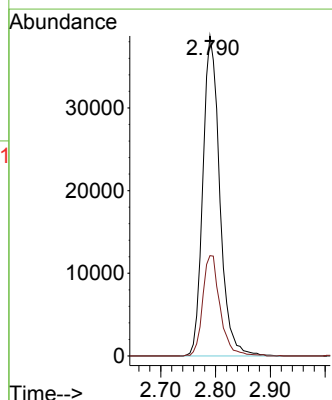
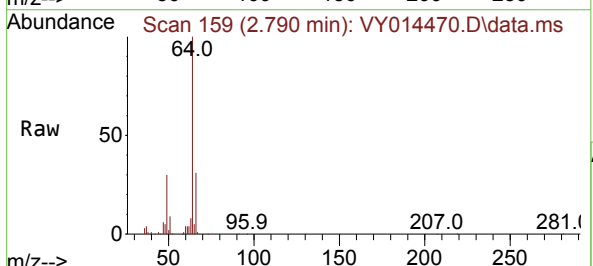
Instrument :
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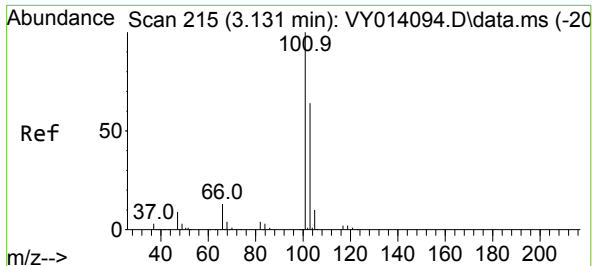
Tgt Ion: 94 Resp: 101016
Ion Ratio Lower Upper
94 100
96 97.8 75.8 113.6



#6
Chloroethane
Concen: 47.599 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

Tgt Ion: 64 Resp: 82723
Ion Ratio Lower Upper
64 100
66 31.4 24.4 36.6

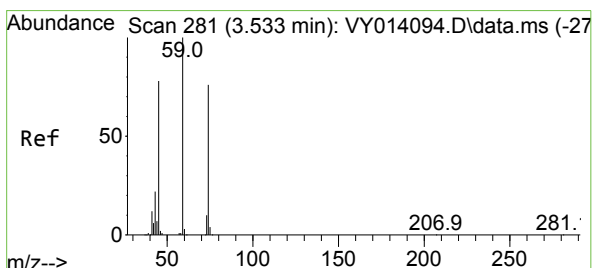
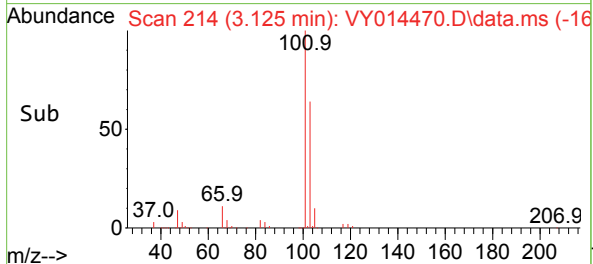
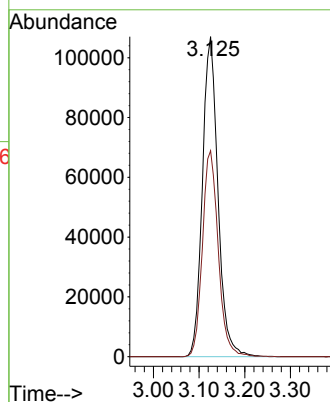
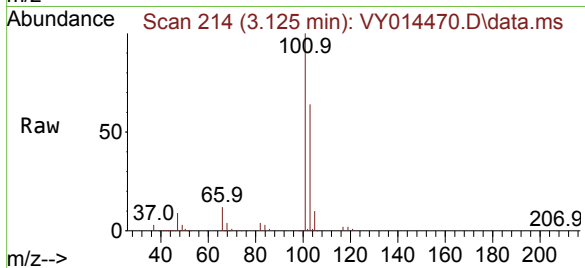




#7
Trichlorofluoromethane
Concen: 48.824 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

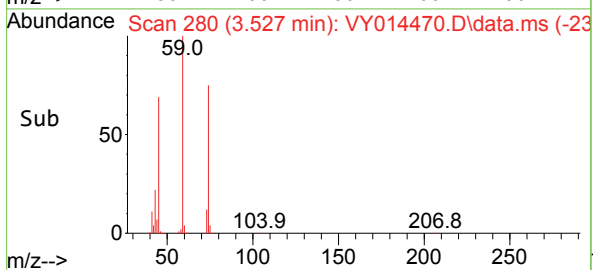
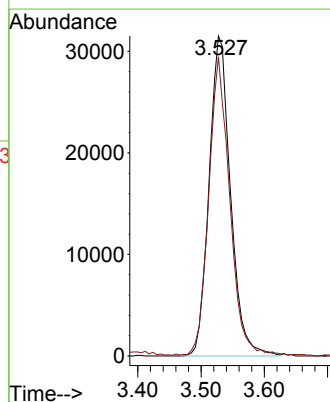
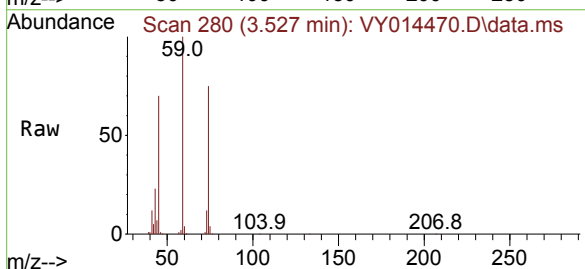
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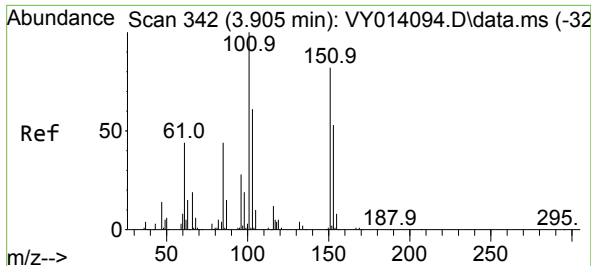
Tgt Ion:101 Resp: 252910
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.0



#8
Diethyl Ether
Concen: 46.979 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

Tgt Ion: 74 Resp: 74196
Ion Ratio Lower Upper
74 100
45 90.8 51.5 154.5

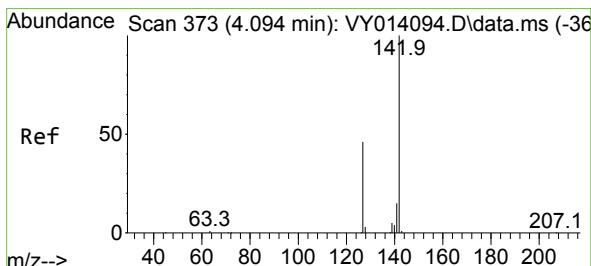
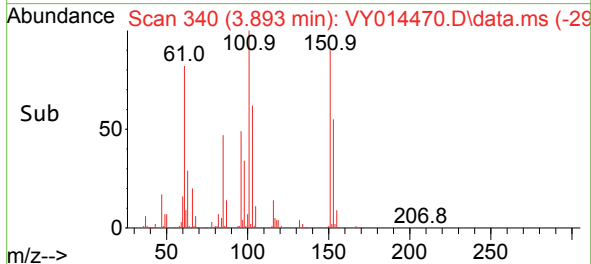
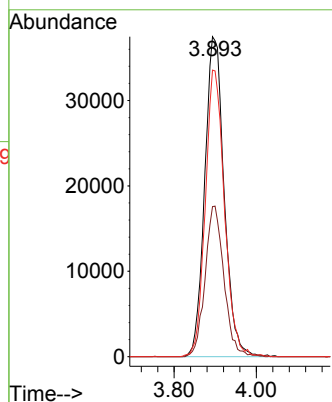
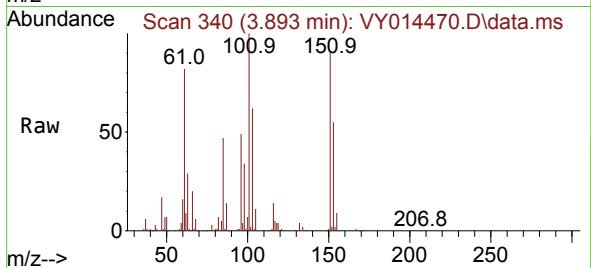




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.202 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY014470.D
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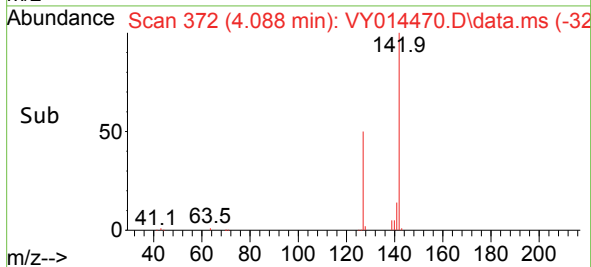
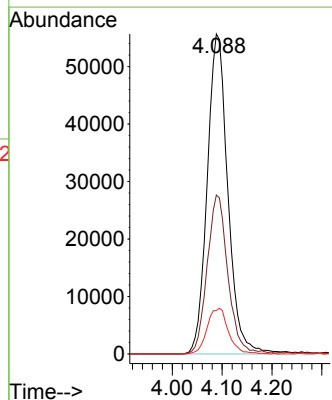
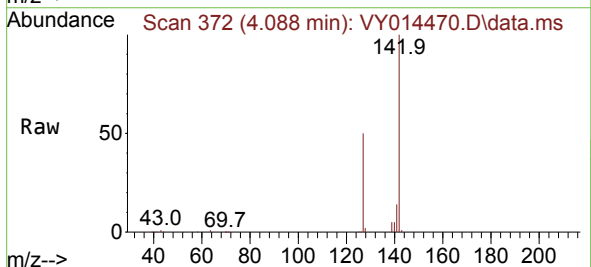
Instrument :
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ClientSampleId :
VSTDCCC050

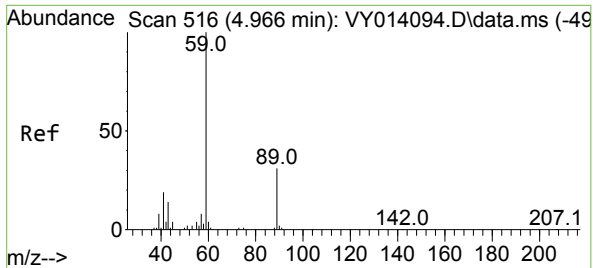
Tgt Ion:101 Resp: 122904
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 88.4 67.0 100.6



#10
Methyl Iodide
Concen: 49.472 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

Tgt Ion:142 Resp: 159962
Ion Ratio Lower Upper
142 100
127 50.0 37.6 56.4
141 14.8 11.8 17.8

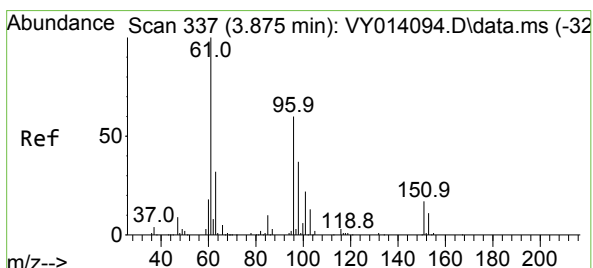
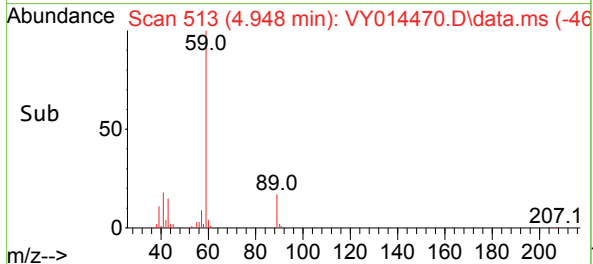
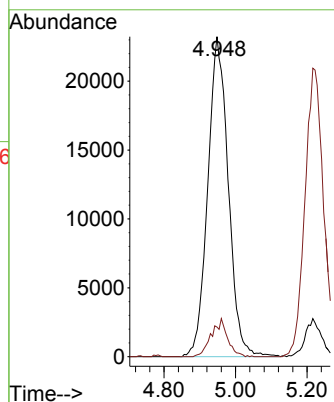
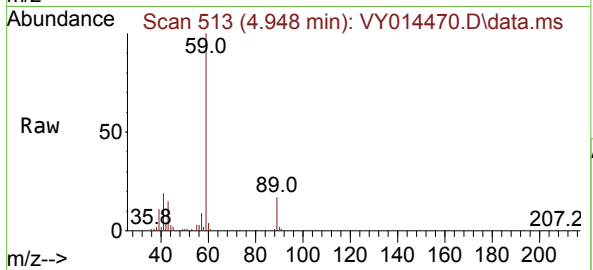




#11
Tert butyl alcohol
Concen: 219.061 ug/l
RT: 4.948 min Scan# 516
Delta R.T. -0.018 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

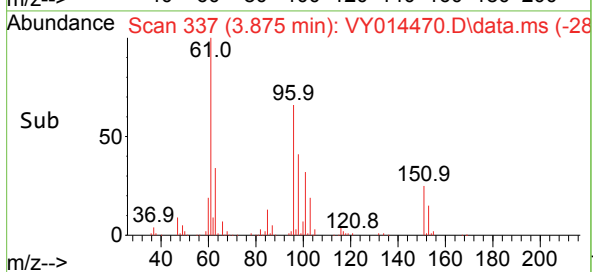
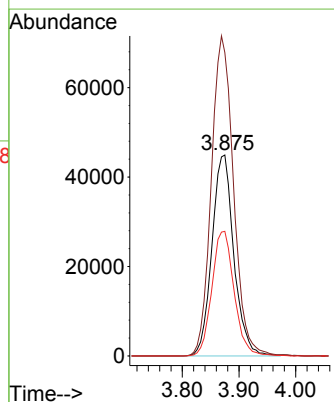
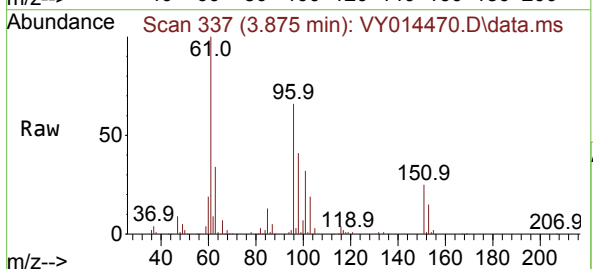
Instrument :
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ClientSampleId :
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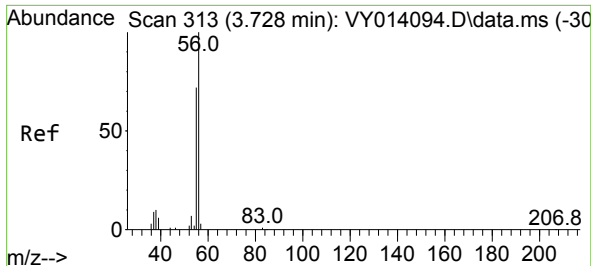
Tgt Ion: 59 Resp: 92589
Ion Ratio Lower Upper
59 100
57 9.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.446 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

Tgt Ion: 96 Resp: 120714
Ion Ratio Lower Upper
96 100
61 150.9 136.4 204.6
98 62.0 49.4 74.2

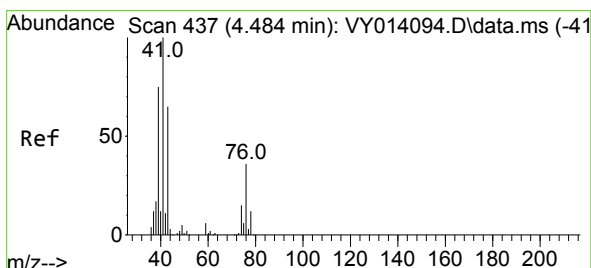
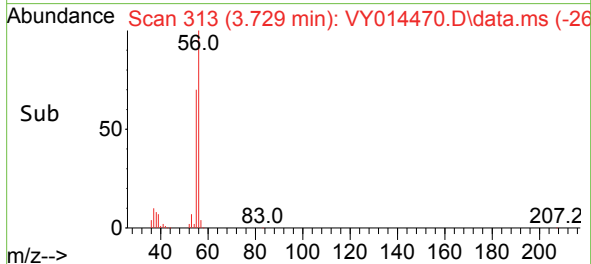
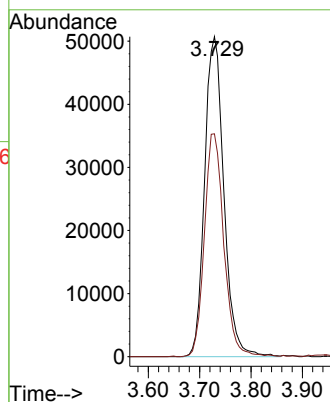
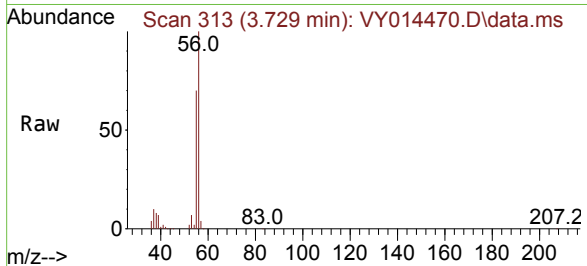




#13
Acrolein
Concen: 298.758 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.001 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

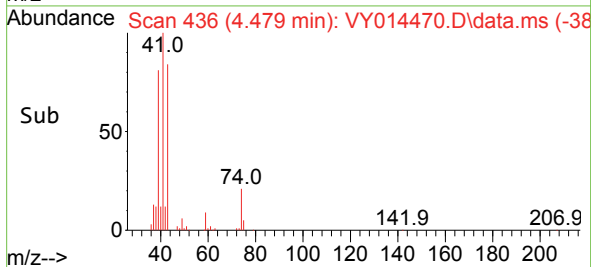
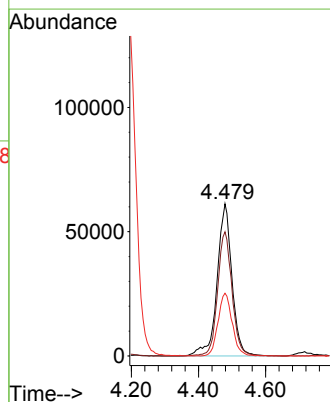
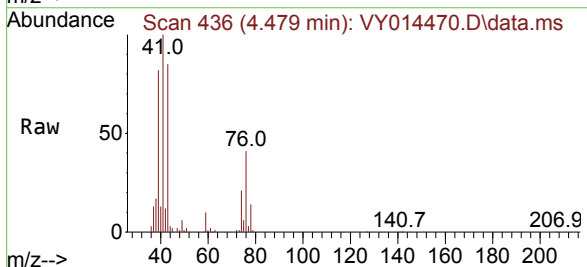
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

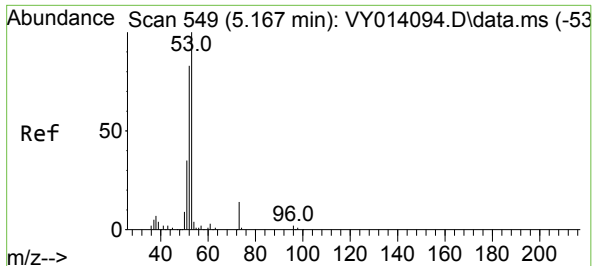
Tgt Ion: 56 Resp: 131767
Ion Ratio Lower Upper
56 100
55 70.3 57.0 85.4



#14
Allyl chloride
Concen: 48.251 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.005 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

Tgt Ion: 41 Resp: 188135
Ion Ratio Lower Upper
41 100
39 79.3 58.0 87.0
76 39.3 27.4 41.2

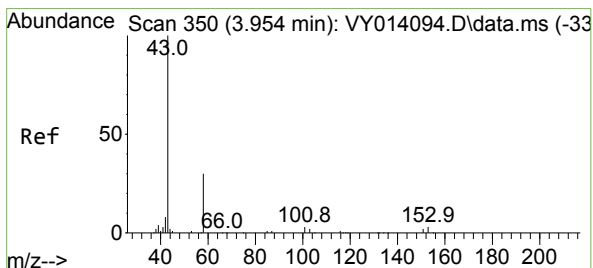
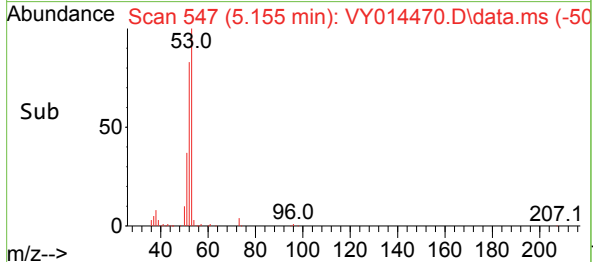
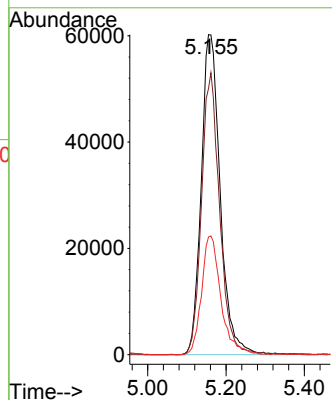
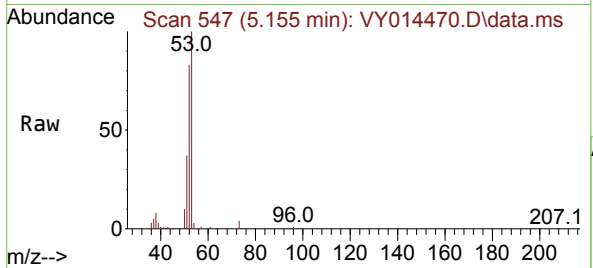




#15
Acrylonitrile
Concen: 229.815 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

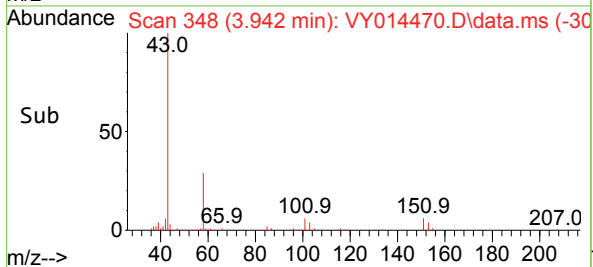
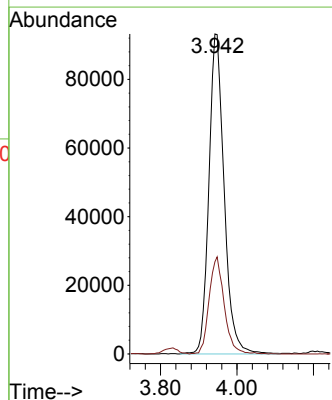
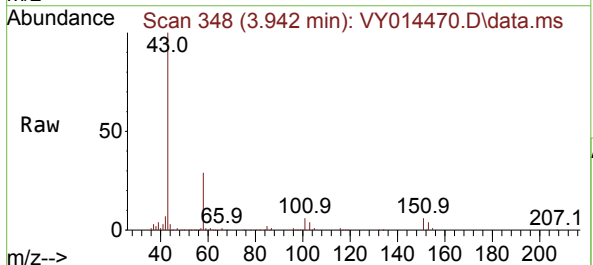
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

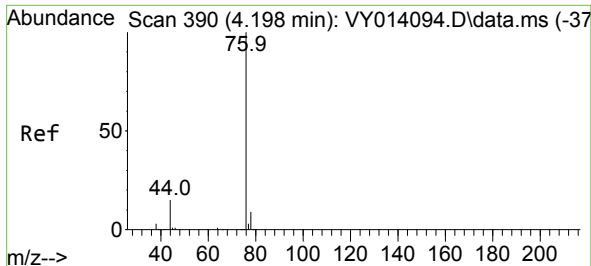
Tgt Ion: 53 Resp: 202956
Ion Ratio Lower Upper
53 100
52 83.8 66.9 100.3
51 37.9 29.8 44.6



#16
Acetone
Concen: 249.322 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

Tgt Ion: 43 Resp: 258129
Ion Ratio Lower Upper
43 100
58 28.8 22.7 34.1

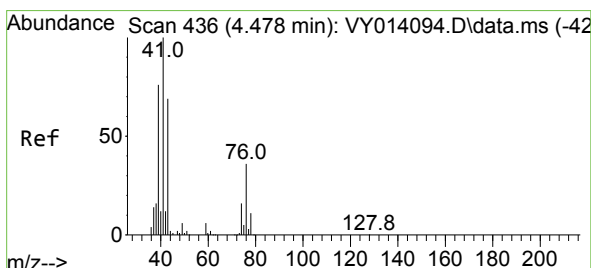
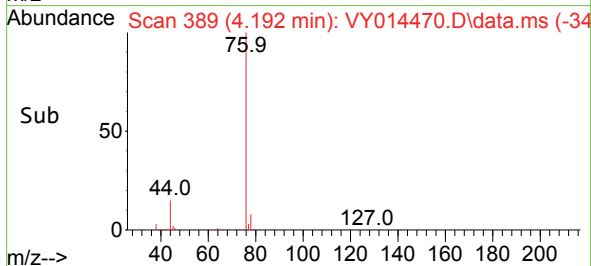
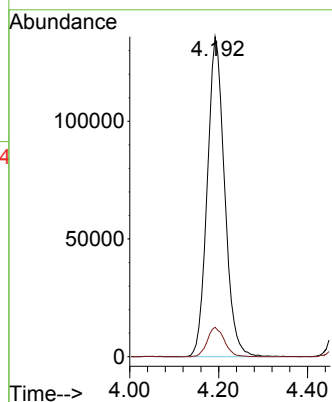
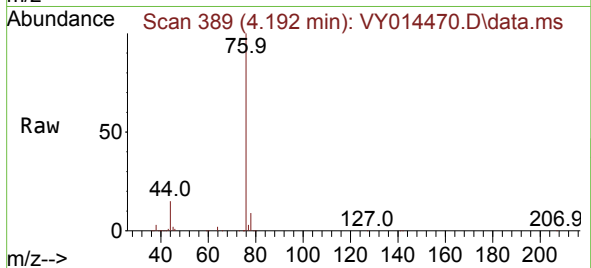




#17
Carbon Disulfide
Concen: 48.816 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

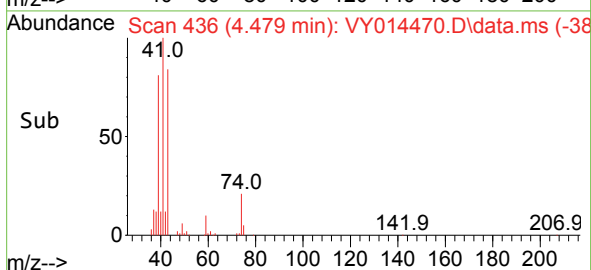
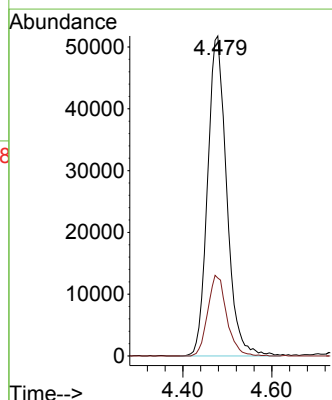
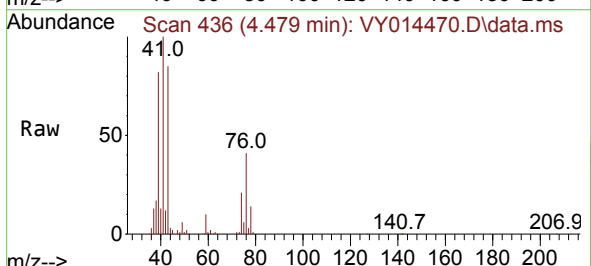
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

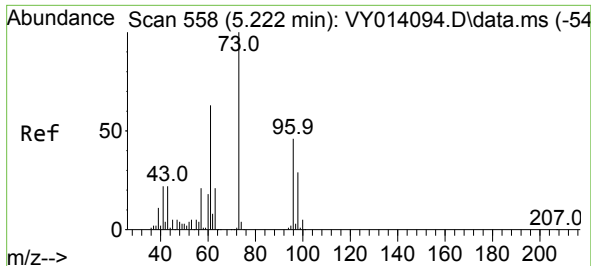
Tgt Ion: 76 Resp: 368804
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 43.490 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

Tgt Ion: 43 Resp: 154793
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0

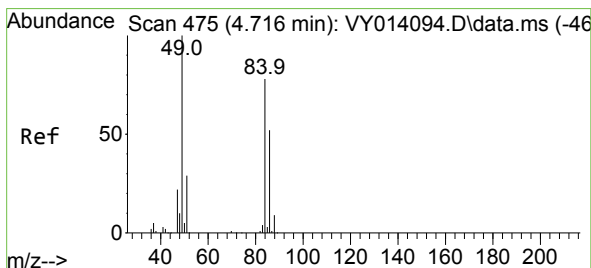
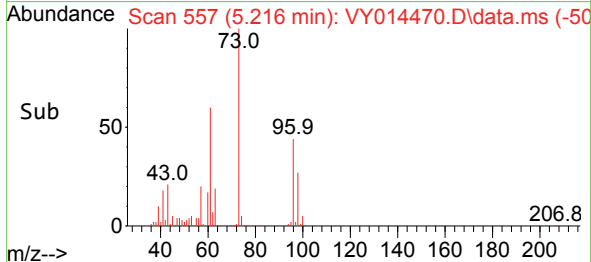
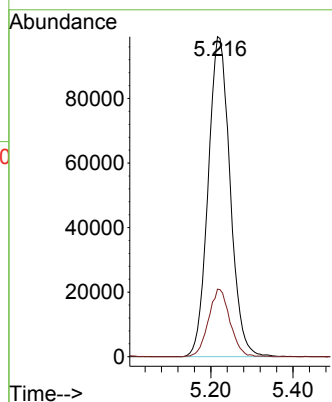
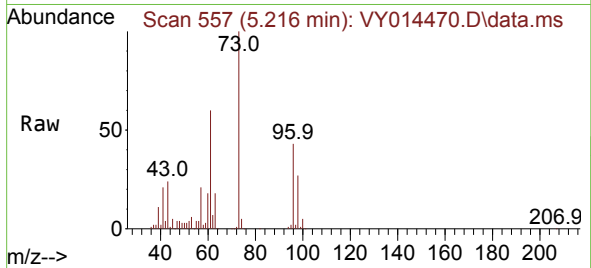




#19
Methyl tert-butyl Ether
Concen: 48.884 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

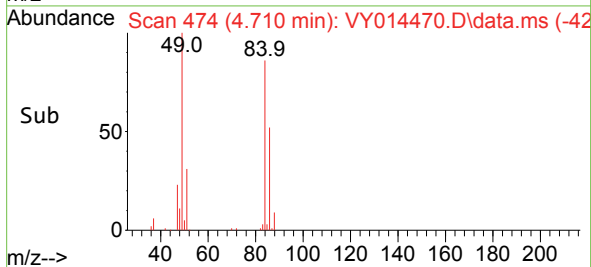
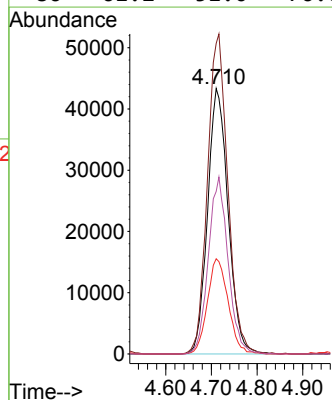
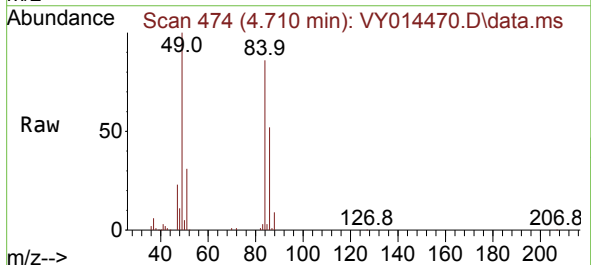
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

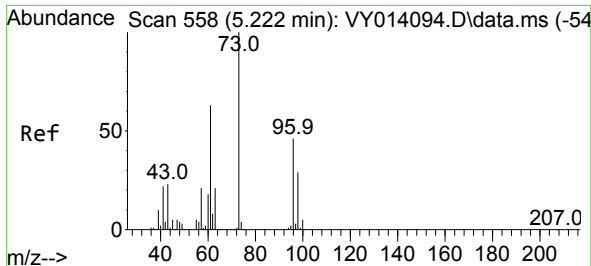
Tgt Ion: 73 Resp: 367069
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 44.679 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

Tgt Ion: 84 Resp: 135358
Ion Ratio Lower Upper
84 100
49 117.0 106.9 160.3
51 35.9 33.2 49.8
86 61.2 51.0 76.6

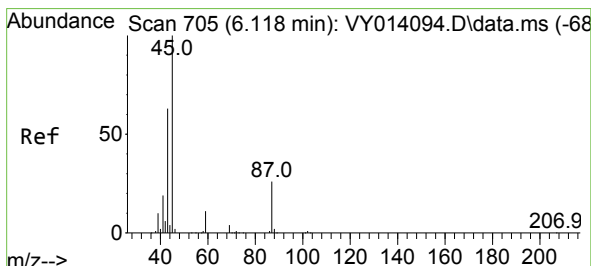
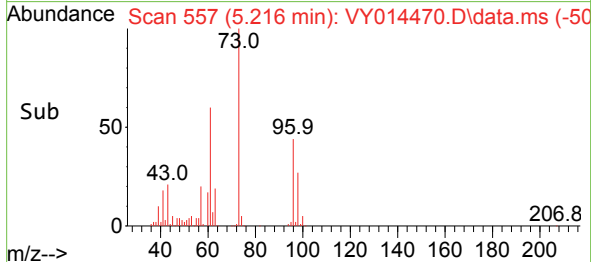
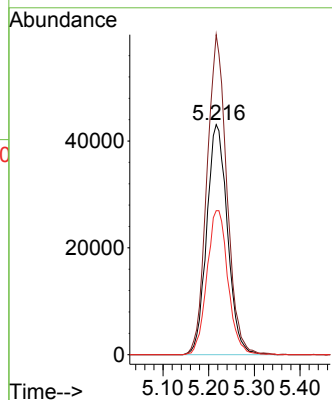
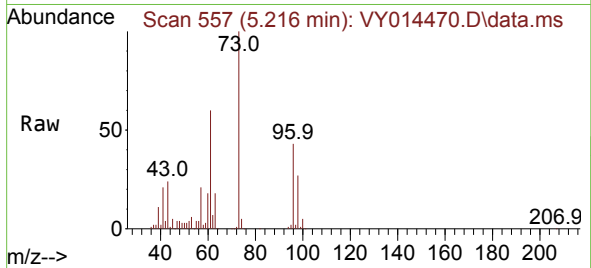




#21
trans-1,2-Dichloroethene
Concen: 50.577 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

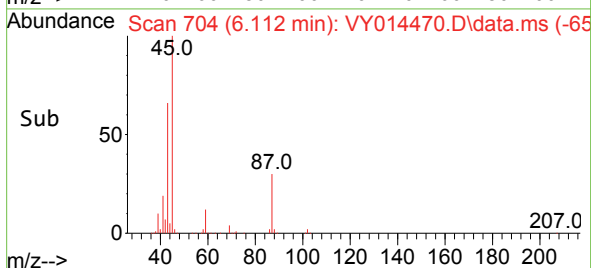
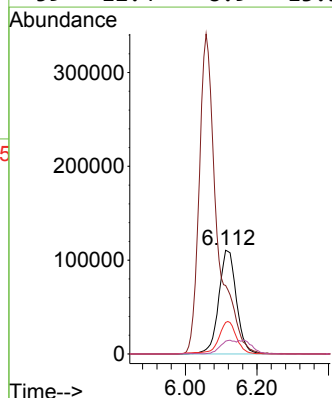
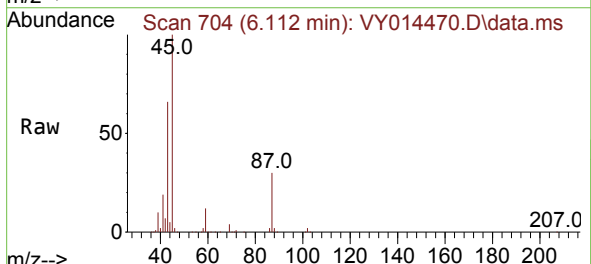
Instrument :
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ClientSampleId :
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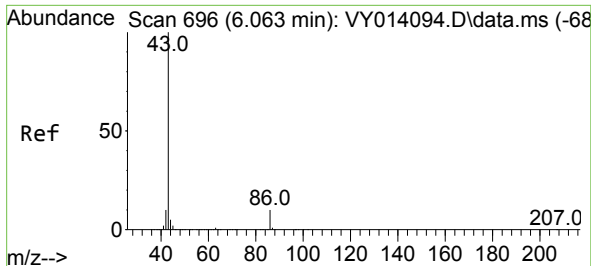
Tgt Ion: 96 Resp: 135766
Ion Ratio Lower Upper
96 100
61 139.1 110.2 165.4
98 62.6 51.8 77.6



#22
Diisopropyl ether
Concen: 48.890 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

Tgt Ion: 45 Resp: 378826
Ion Ratio Lower Upper
45 100
43 65.9 52.2 78.4
87 30.4 21.0 31.6
59 12.4 8.9 13.3

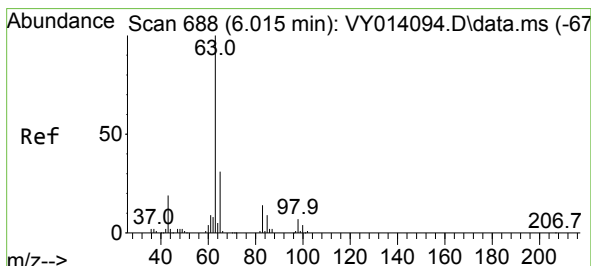
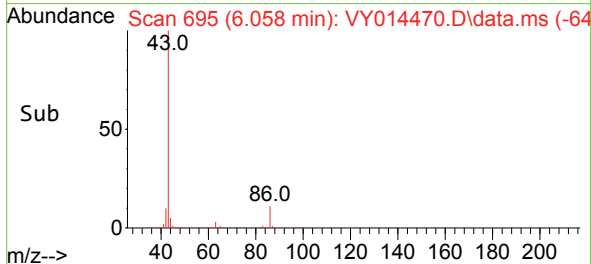
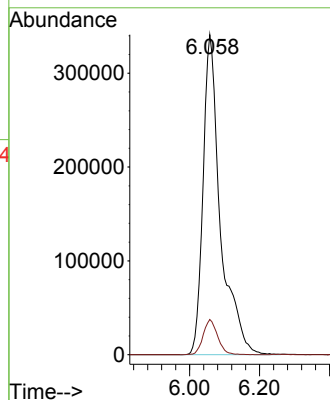
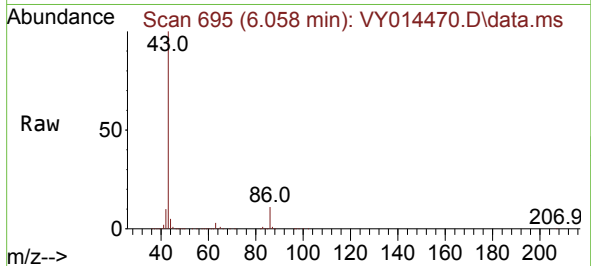




#23
 Vinyl Acetate
 Concen: 297.166 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.005 min
 Lab File: VY014470.D
 Acq: 28 Jun 2023 10:34

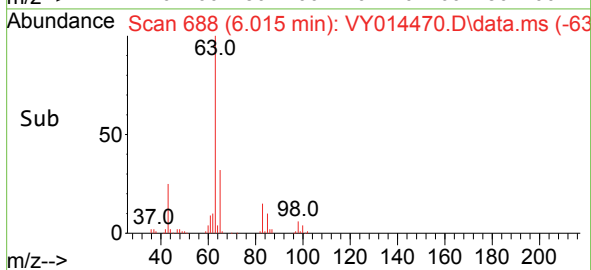
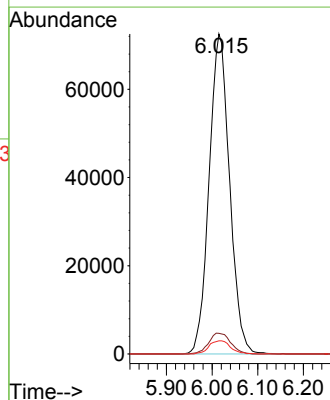
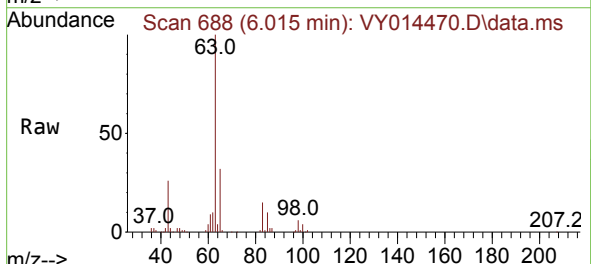
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

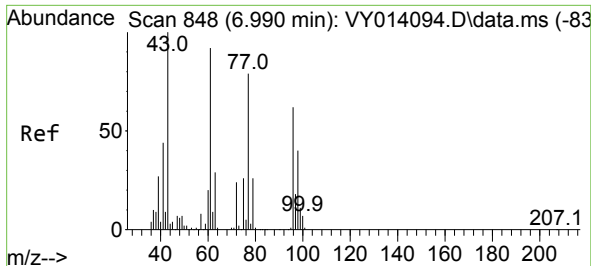
Tgt Ion: 43 Resp: 1175619
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 49.082 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY014470.D
 Acq: 28 Jun 2023 10:34

Tgt Ion: 63 Resp: 225836
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.4
 100 4.1 1.8 5.5

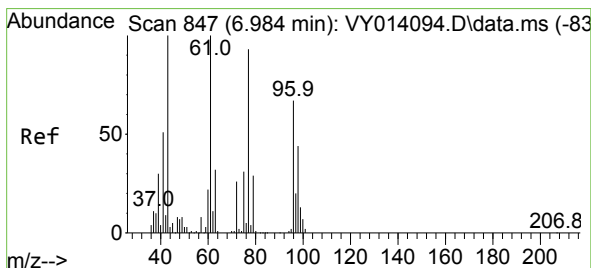
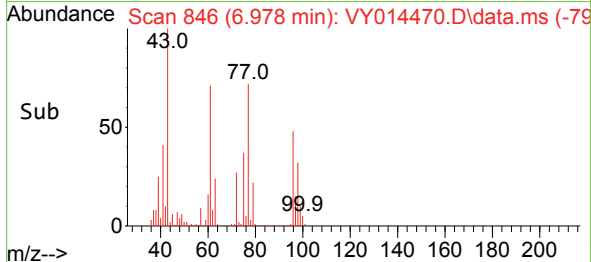
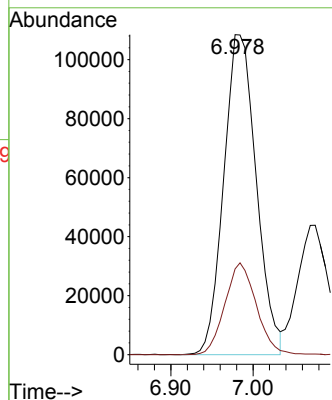
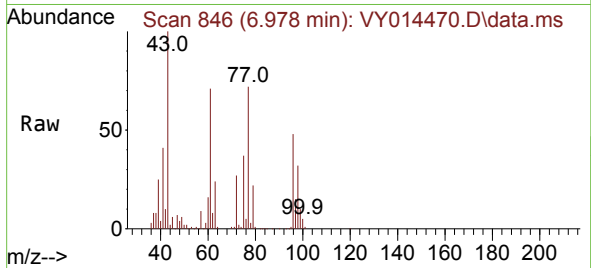




#25
2-Butanone
Concen: 231.521 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

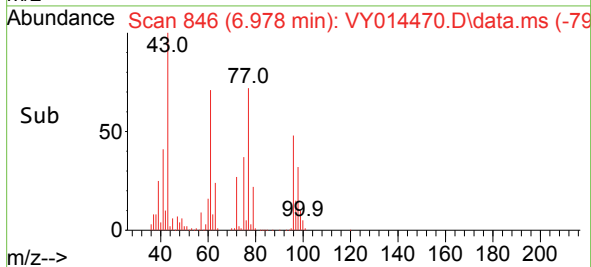
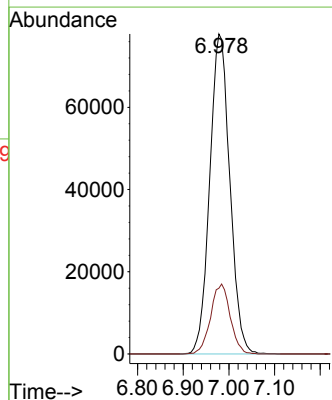
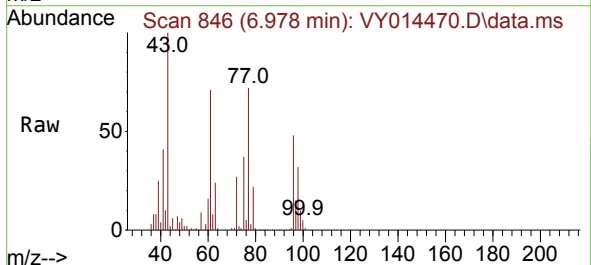
Instrument :
MSVOA_Y
ClientSampleId :
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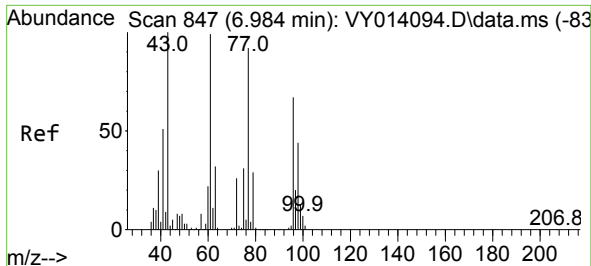
Tgt Ion: 43 Resp: 298552
Ion Ratio Lower Upper
43 100
72 26.8 20.5 30.7



#26
2,2-Dichloropropane
Concen: 48.799 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

Tgt Ion: 77 Resp: 237416
Ion Ratio Lower Upper
77 100
97 21.3 10.9 32.9

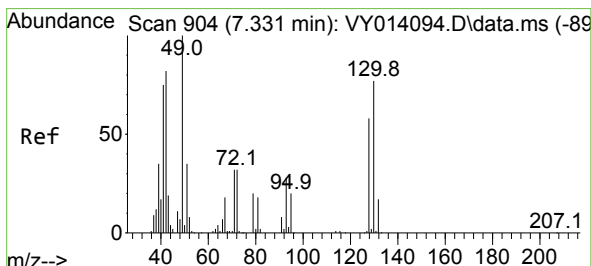
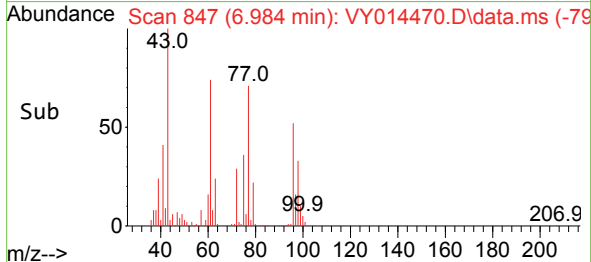
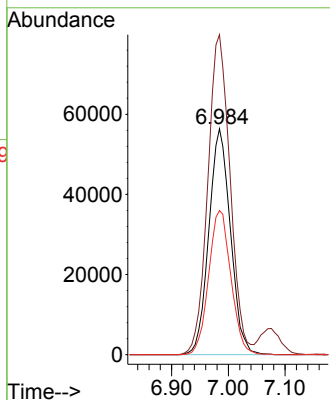
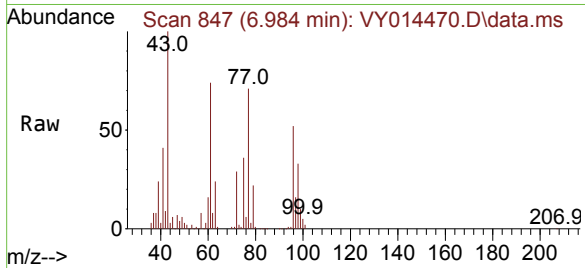




#27
 cis-1,2-Dichloroethene
 Concen: 49.445 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY014470.D
 Acq: 28 Jun 2023 10:34

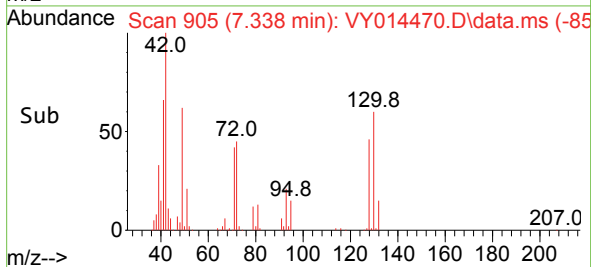
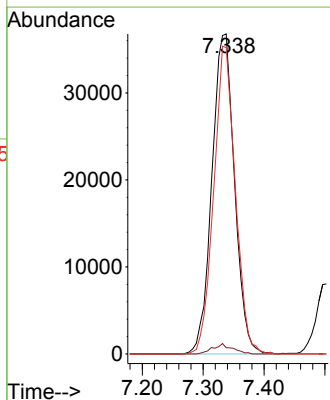
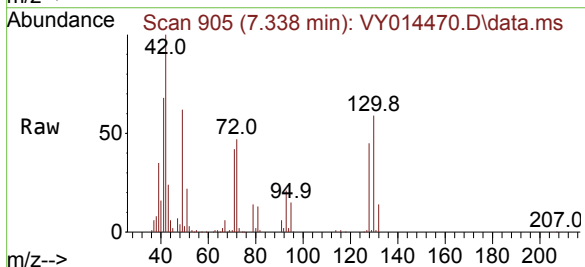
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

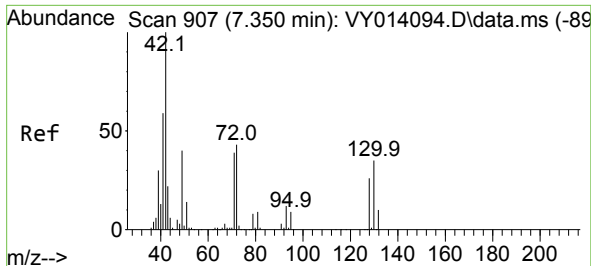
Tgt Ion: 96 Resp: 149413
 Ion Ratio Lower Upper
 96 100
 61 146.4 0.0 301.4
 98 65.6 0.0 130.4



#28
 Bromochloromethane
 Concen: 47.272 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.007 min
 Lab File: VY014470.D
 Acq: 28 Jun 2023 10:34

Tgt Ion: 49 Resp: 94859
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 4.6
 130 91.8 60.7 91.1#





#29

Tetrahydrofuran

Concen: 225.545 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

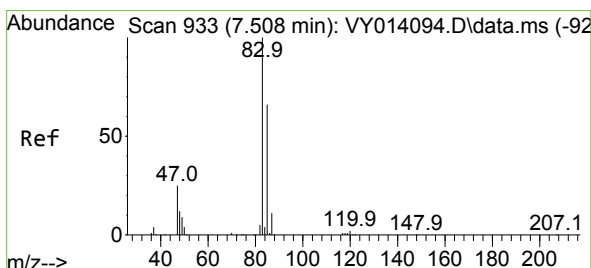
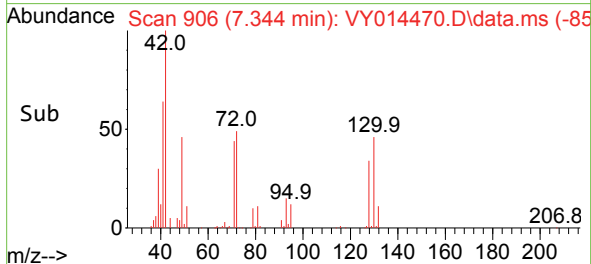
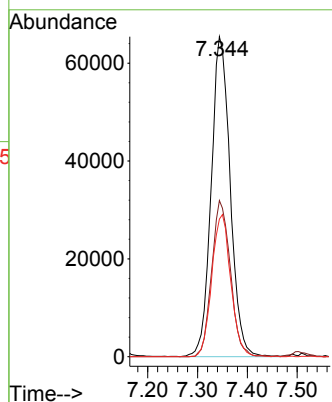
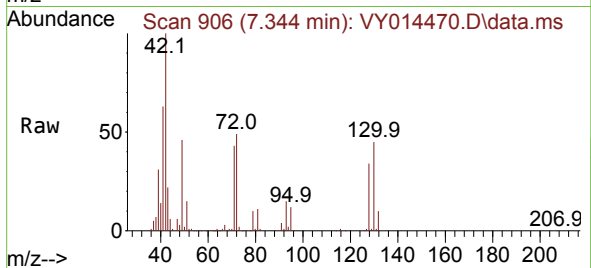
Tgt Ion: 42 Resp: 173426

Ion Ratio Lower Upper

42 100

72 47.9 32.8 49.2

71 44.3 31.0 46.4



#30

Chloroform

Concen: 49.550 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY014470.D

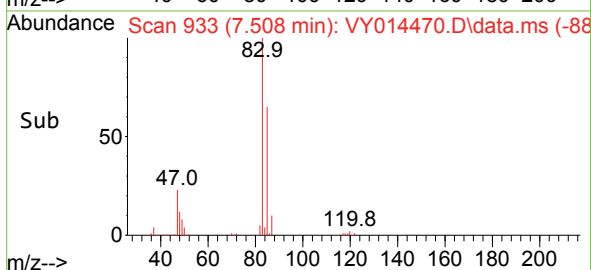
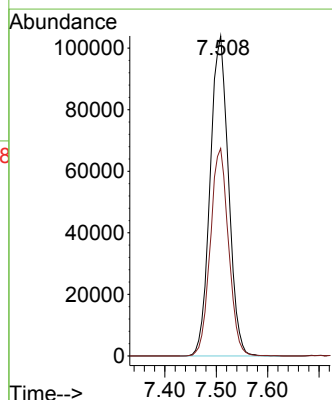
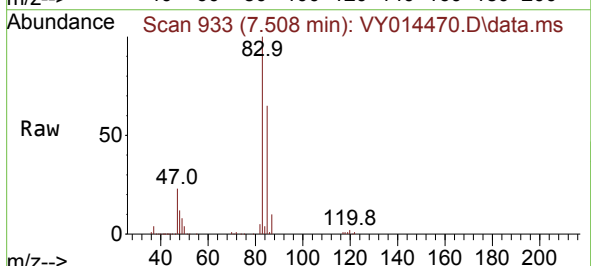
Acq: 28 Jun 2023 10:34

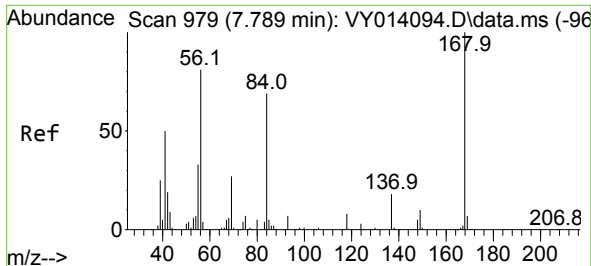
Tgt Ion: 83 Resp: 257184

Ion Ratio Lower Upper

83 100

85 64.8 49.7 74.5

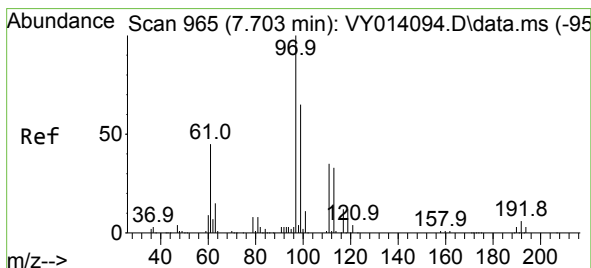
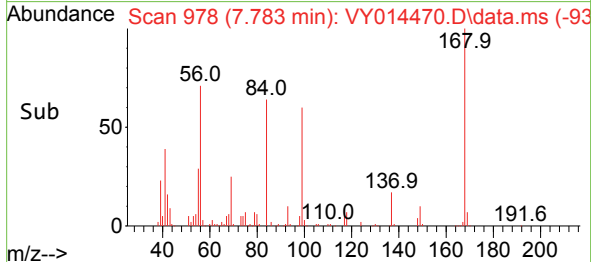
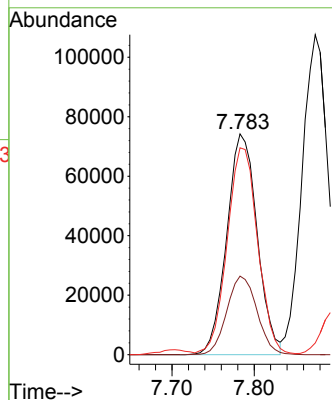
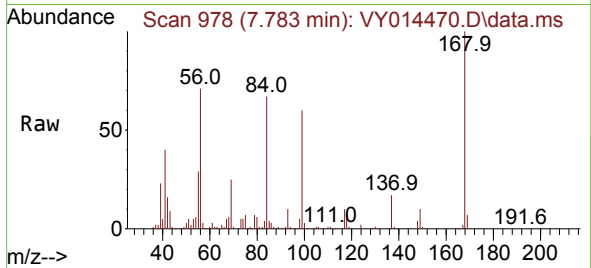




#31
Cyclohexane
Concen: 47.019 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

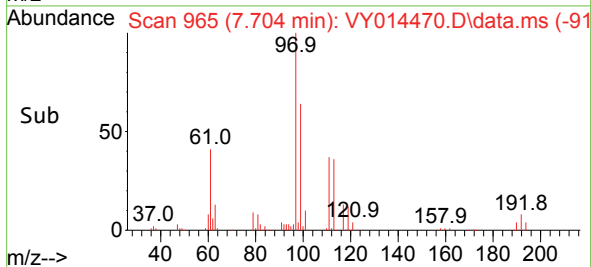
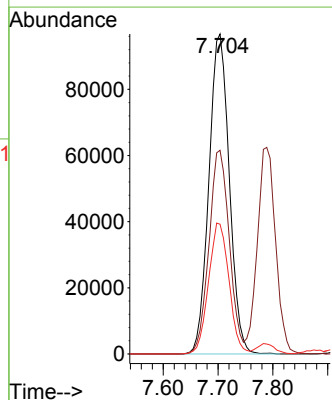
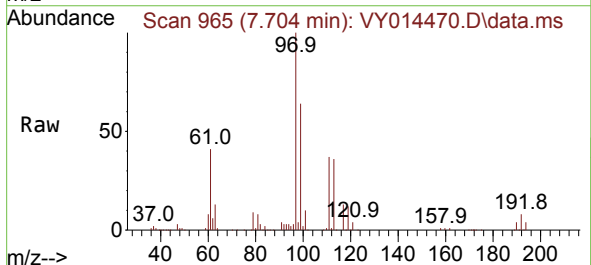
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

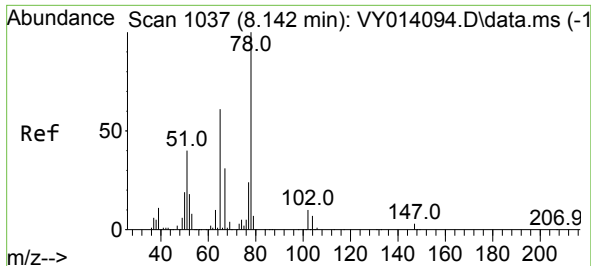
Tgt Ion: 56 Resp: 191086
Ion Ratio Lower Upper
56 100
69 35.6 27.8 41.6
84 91.7 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 50.540 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.001 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

Tgt Ion: 97 Resp: 249693
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 41.0 35.1 52.7

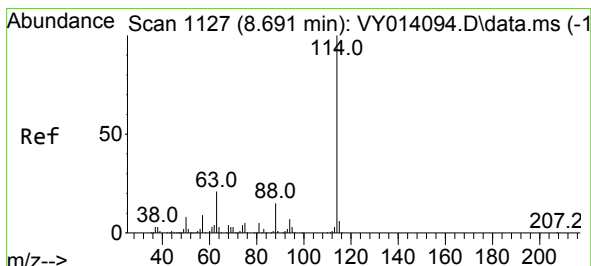
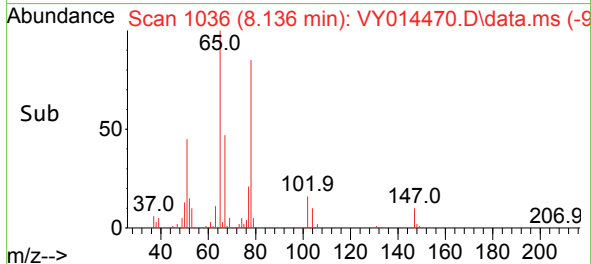
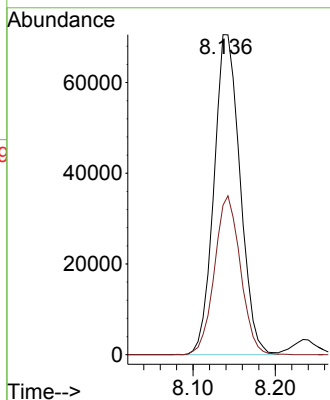
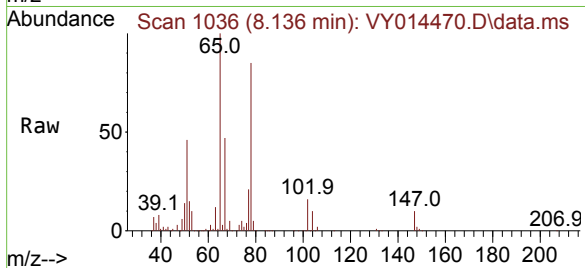




#33
 1,2-Dichloroethane-d4
 Concen: 47.333 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY014470.D
 Acq: 28 Jun 2023 10:34

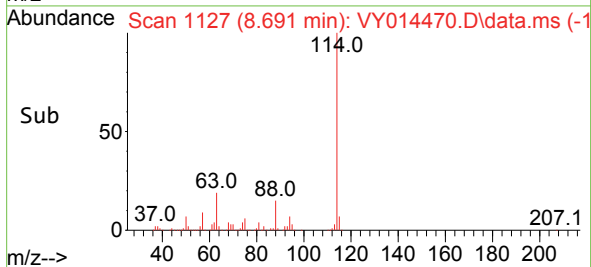
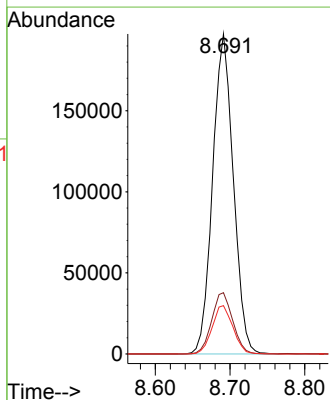
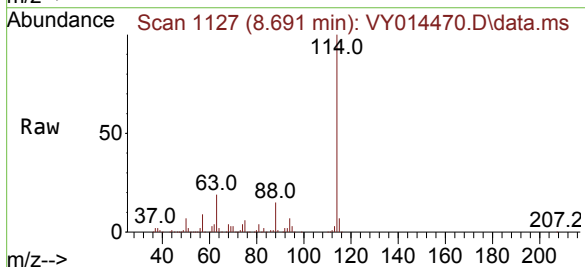
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

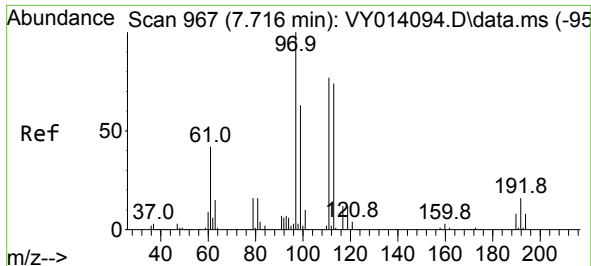
Tgt Ion: 65 Resp: 155736
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014470.D
 Acq: 28 Jun 2023 10:34

Tgt Ion: 114 Resp: 379272
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 42.4
 88 15.1 0.0 30.6

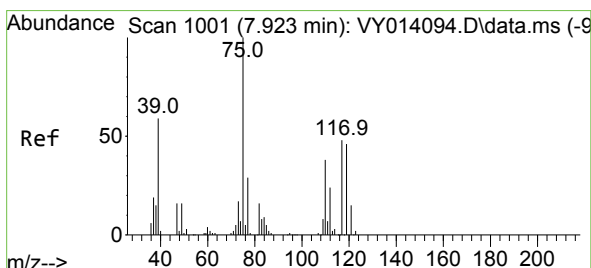
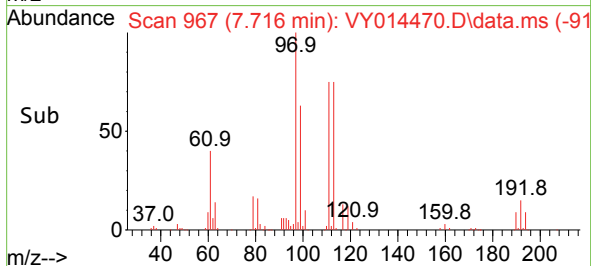
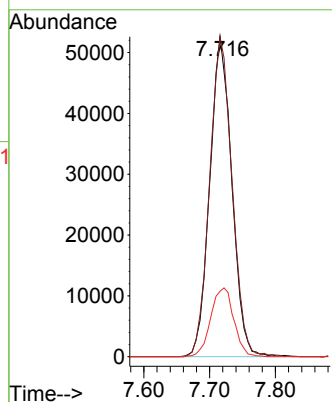
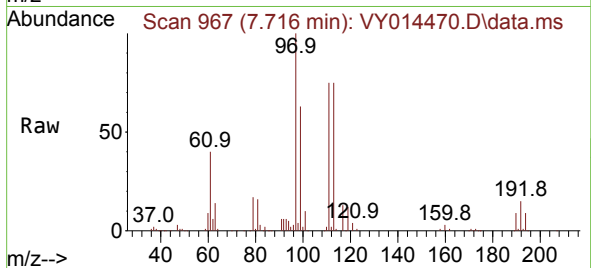




#35
Dibromofluoromethane
Concen: 52.220 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

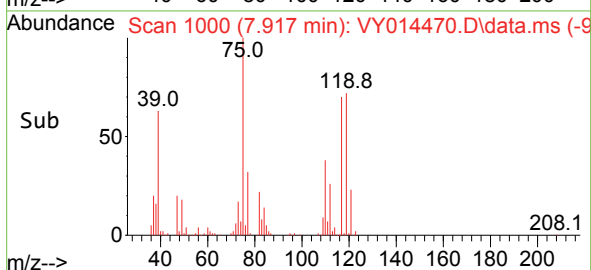
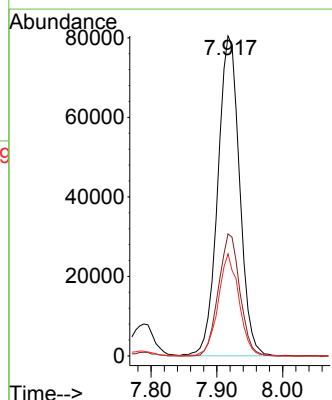
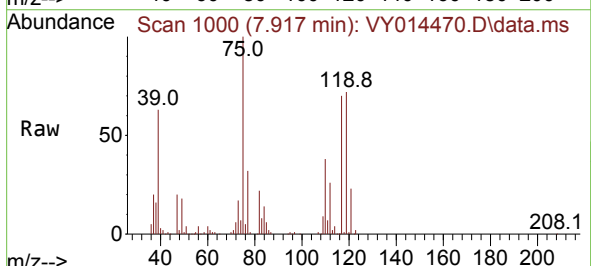
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

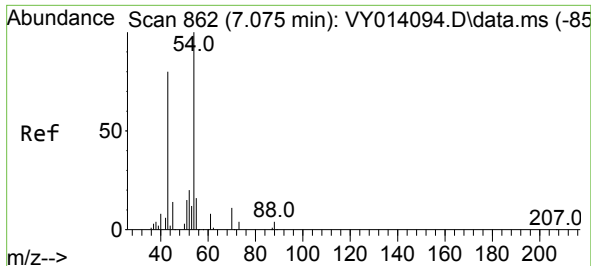
Tgt Ion:113 Resp: 122363
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 22.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 51.299 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

Tgt Ion: 75 Resp: 185235
Ion Ratio Lower Upper
75 100
110 37.6 17.8 53.5
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 47.479 ug/l

RT: 7.076 min Scan# 8

Delta R.T. 0.001 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

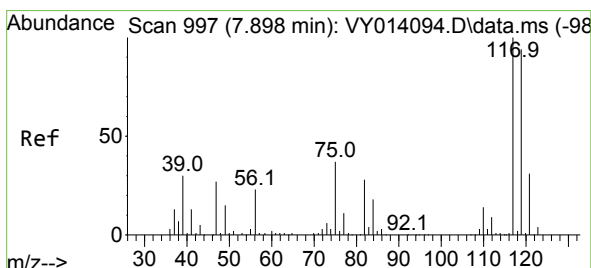
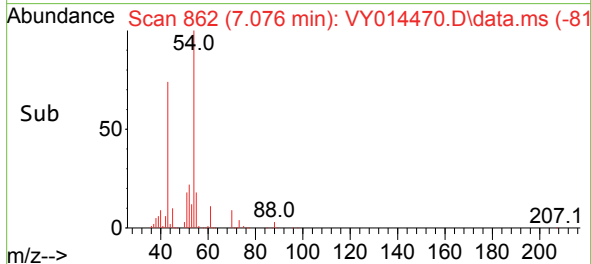
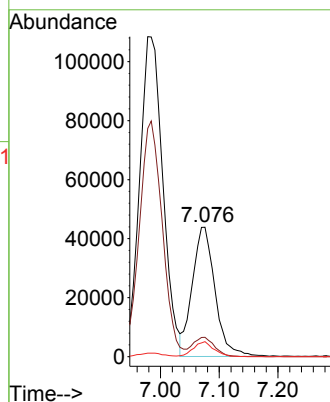
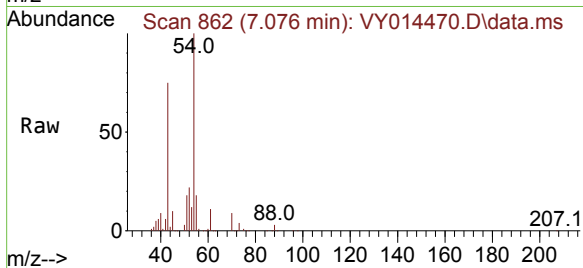
Tgt Ion: 43 Resp: 118152

Ion Ratio Lower Upper

43 100

61 13.7 10.1 15.1

70 10.5 7.1 10.7



#38

Carbon Tetrachloride

Concen: 52.289 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.007 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

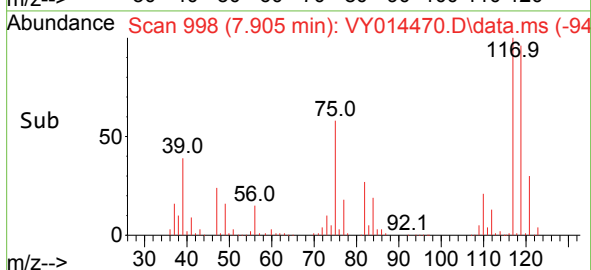
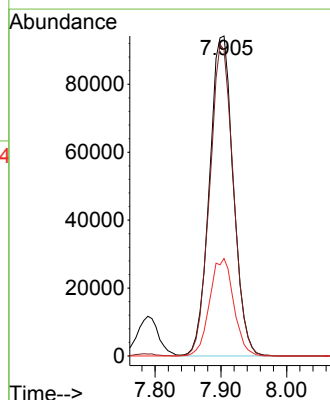
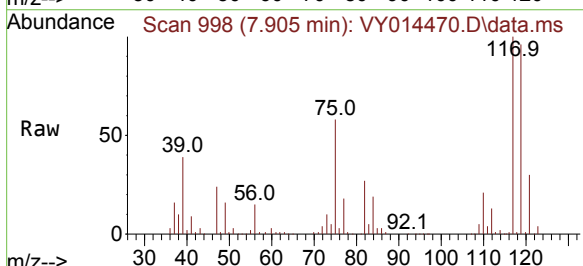
Tgt Ion: 117 Resp: 237601

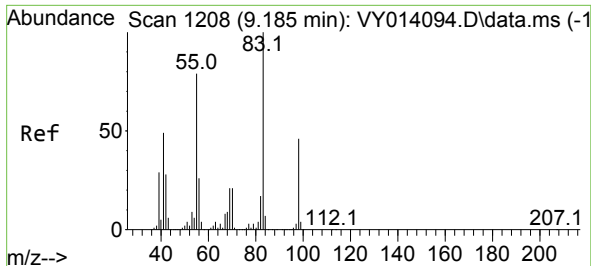
Ion Ratio Lower Upper

117 100

119 95.6 76.4 114.6

121 30.4 25.8 38.6





#39

Methylcyclohexane

Concen: 52.865 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

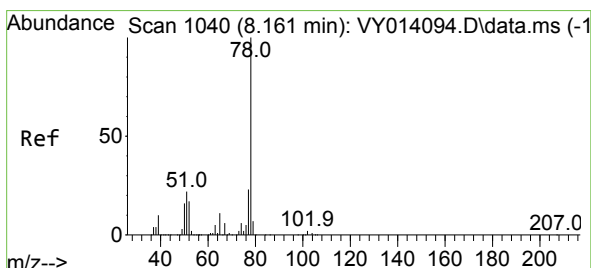
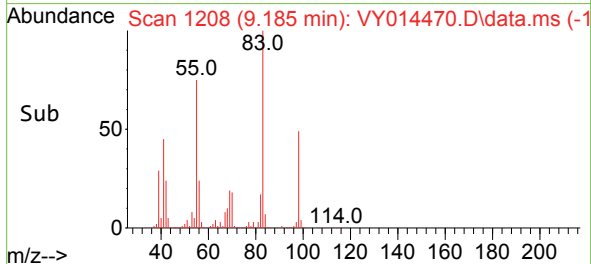
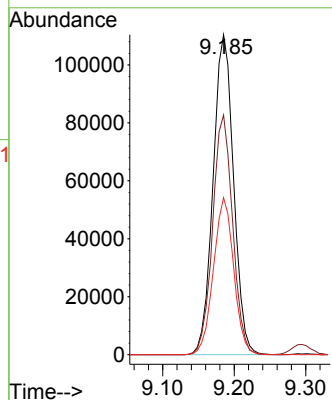
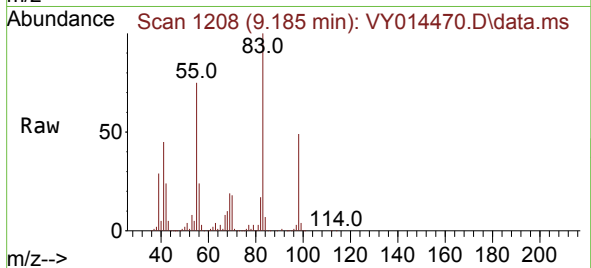
Tgt Ion: 83 Resp: 219620

Ion Ratio Lower Upper

83 100

55 74.9 63.0 94.4

98 49.0 37.4 56.2



#40

Benzene

Concen: 52.041 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY014470.D

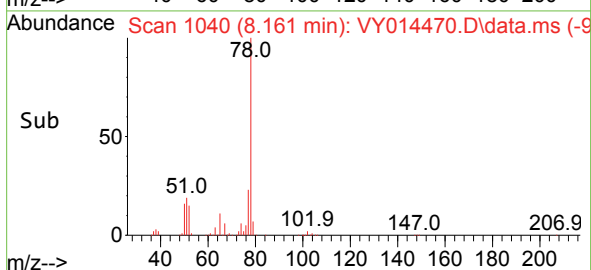
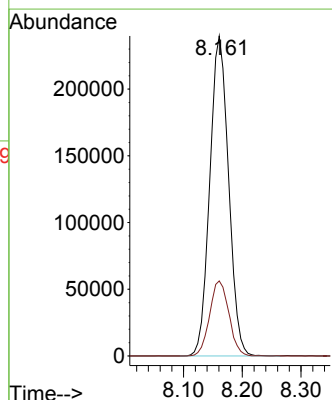
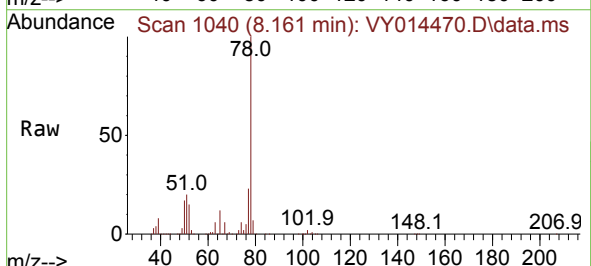
Acq: 28 Jun 2023 10:34

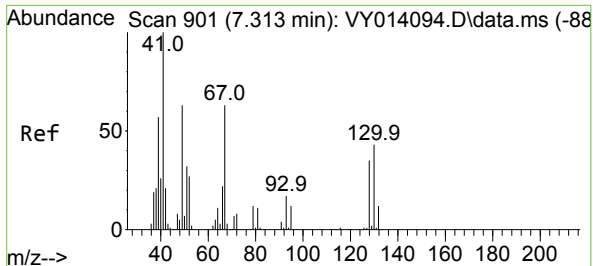
Tgt Ion: 78 Resp: 532236

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6

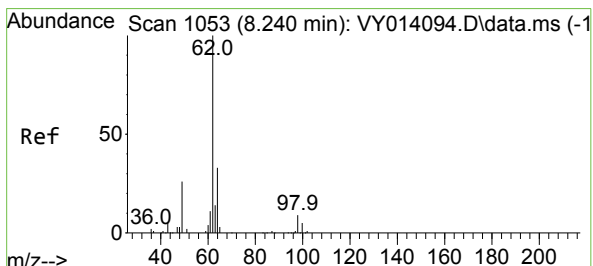
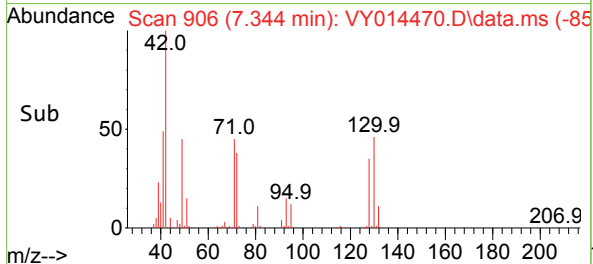
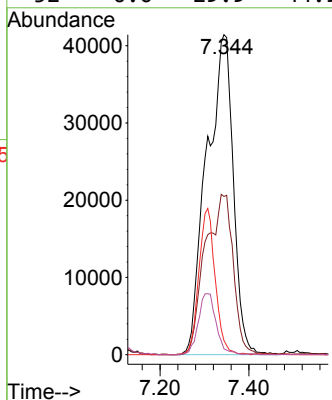
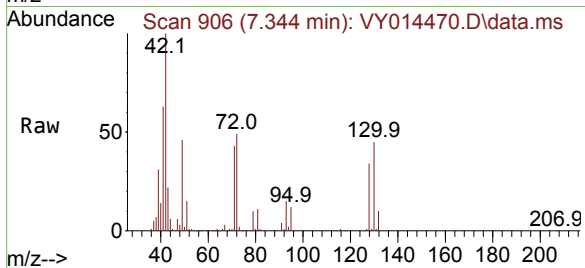




#41
Methacrylonitrile
Concen: 138.863 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

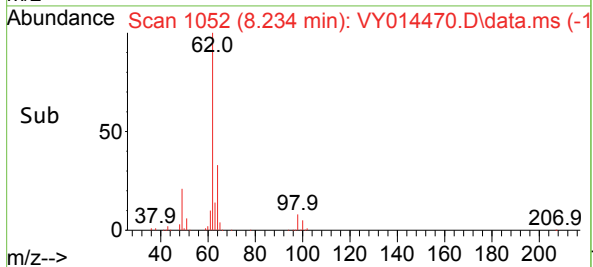
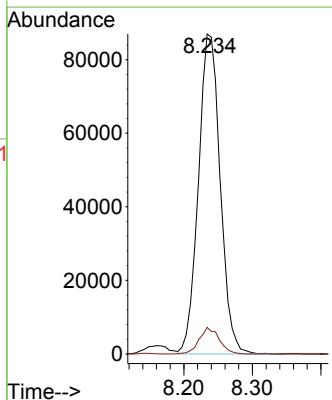
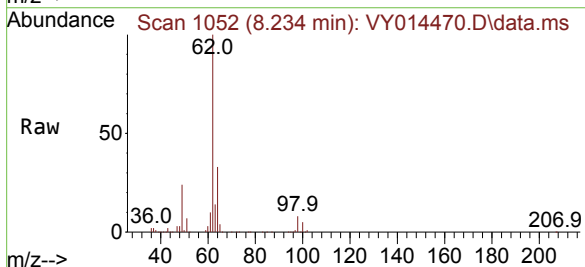
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

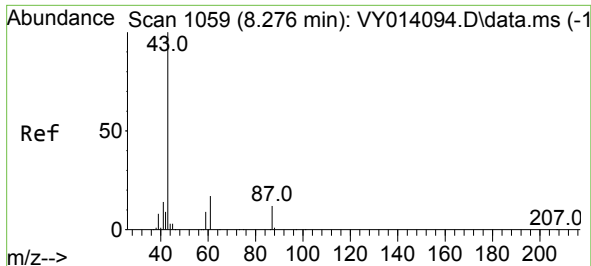
Tgt Ion: 41 Resp: 171256
Ion Ratio Lower Upper
41 100
39 52.9 52.1 78.1
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 49.742 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

Tgt Ion: 62 Resp: 192874
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.8

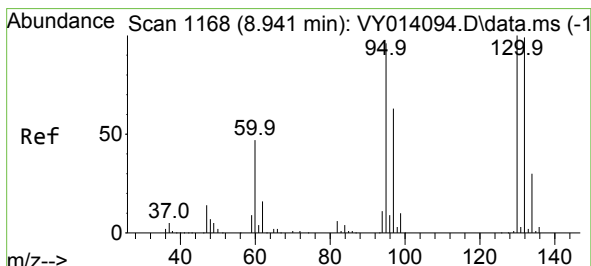
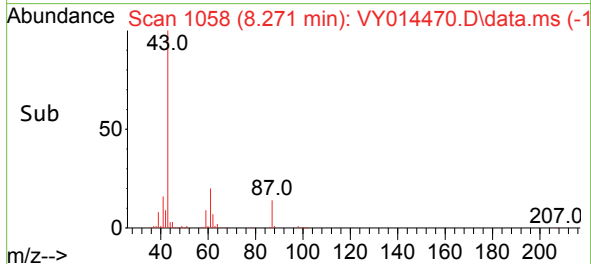
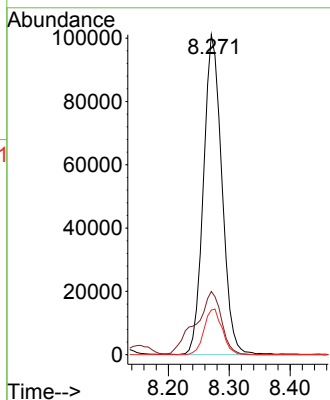
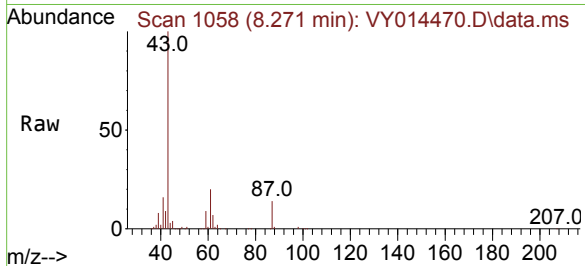




#43
Isopropyl Acetate
Concen: 48.302 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.005 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

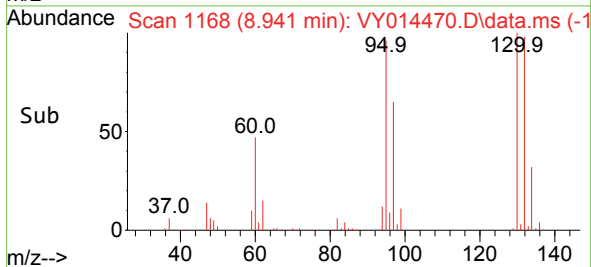
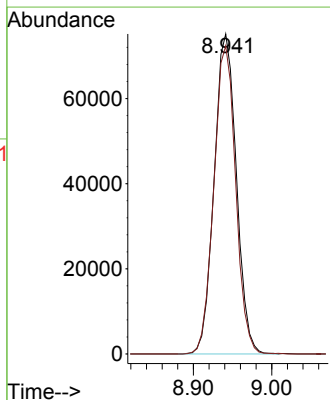
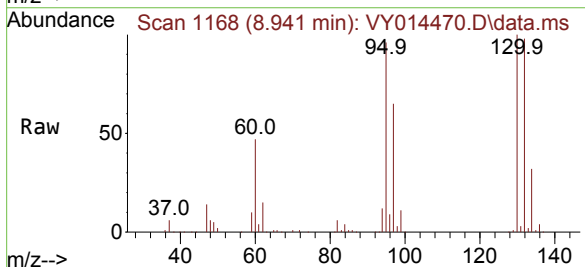
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

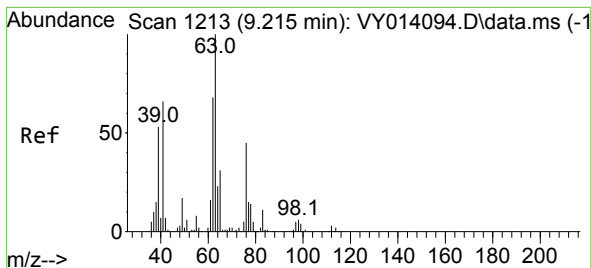
Tgt Ion: 43 Resp: 212245
Ion Ratio Lower Upper
43 100
61 27.7 21.1 31.7
87 14.2 9.8 14.8



#44
Trichloroethene
Concen: 50.410 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

Tgt Ion:130 Resp: 148019
Ion Ratio Lower Upper
130 100
95 96.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 51.148 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

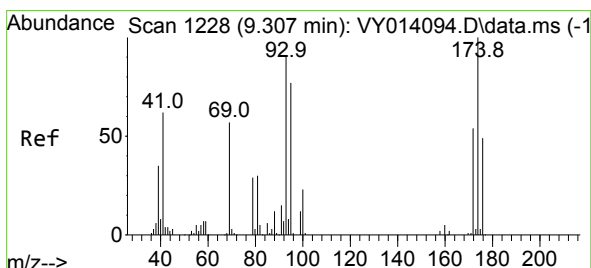
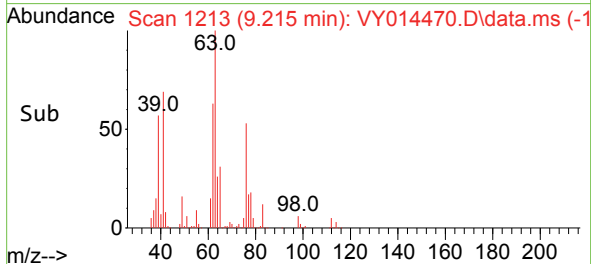
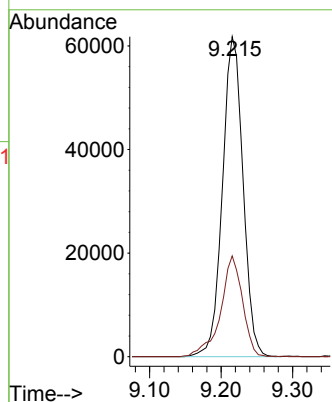
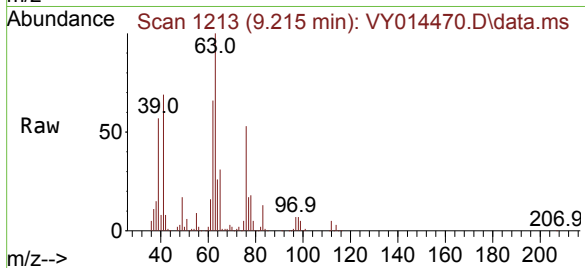
VSTDCCC050

Tgt Ion: 63 Resp: 123339

Ion Ratio Lower Upper

63 100

65 31.5 23.8 35.6



#46

Dibromomethane

Concen: 50.972 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

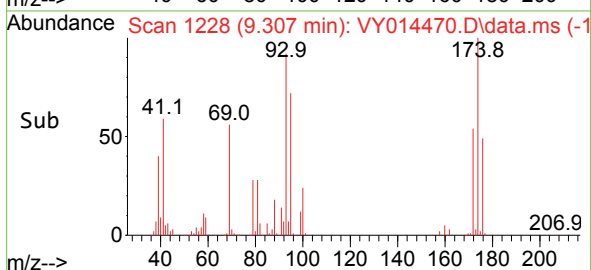
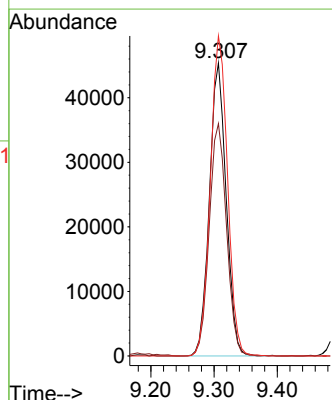
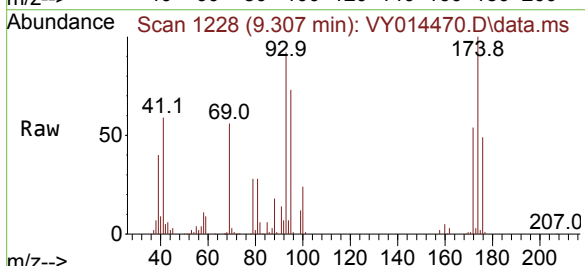
Tgt Ion: 93 Resp: 83996

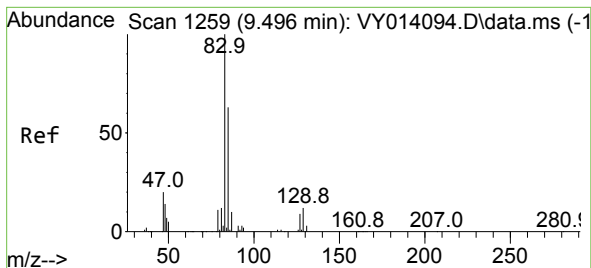
Ion Ratio Lower Upper

93 100

95 81.7 66.6 100.0

174 111.9 84.8 127.2





#47

Bromodichloromethane

Concen: 51.528 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

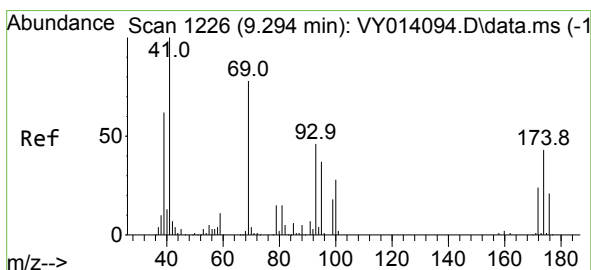
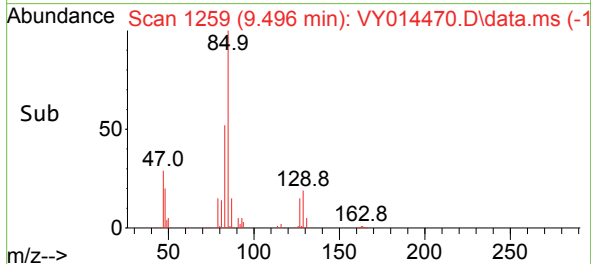
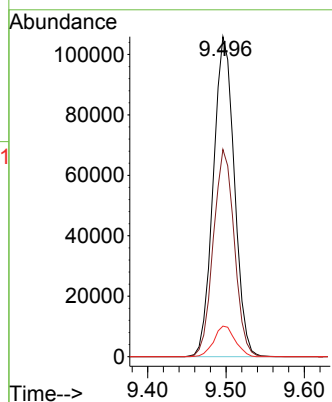
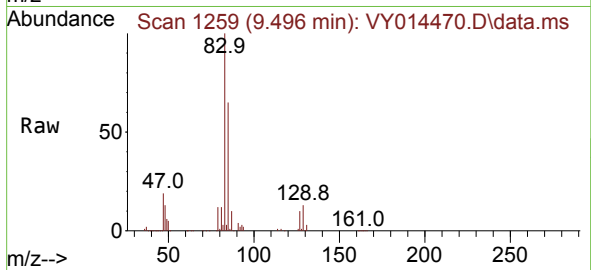
Tgt Ion: 83 Resp: 197910

Ion Ratio Lower Upper

83 100

85 64.8 50.1 75.1

127 9.5 7.1 10.7



#48

Methyl methacrylate

Concen: 48.280 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.001 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

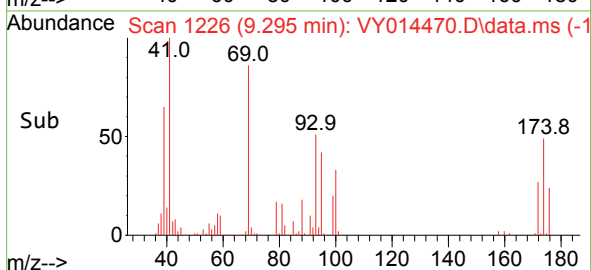
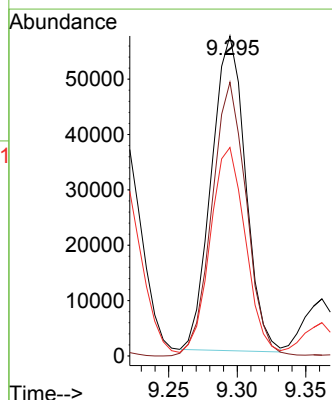
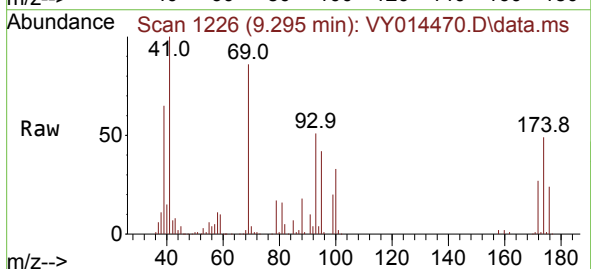
Tgt Ion: 41 Resp: 98532

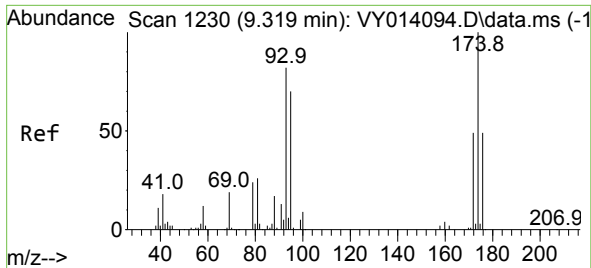
Ion Ratio Lower Upper

41 100

69 87.8 64.5 96.7

39 66.7 50.8 76.2

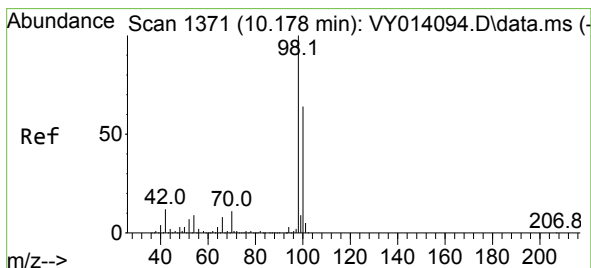
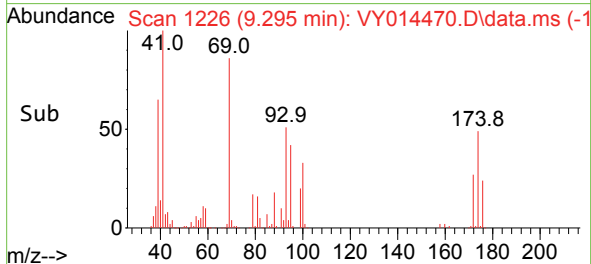
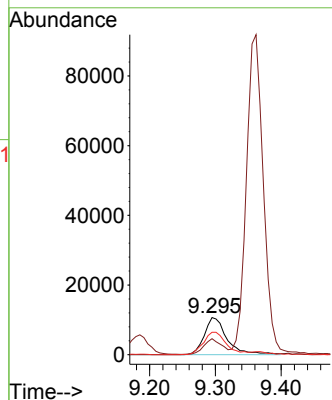
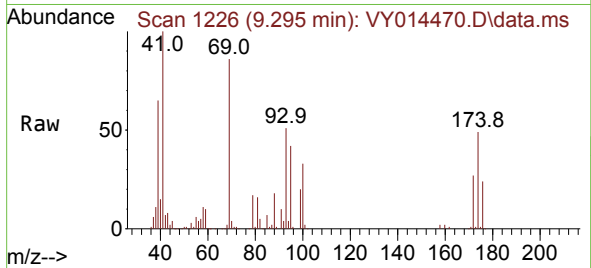




#49
1,4-Dioxane
Concen: 992.300 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

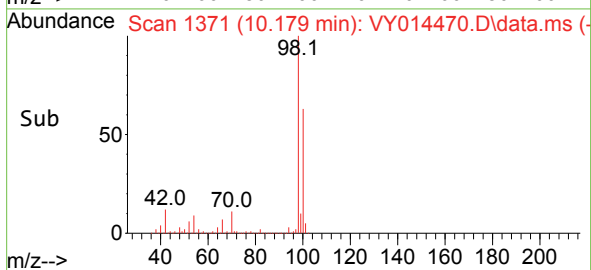
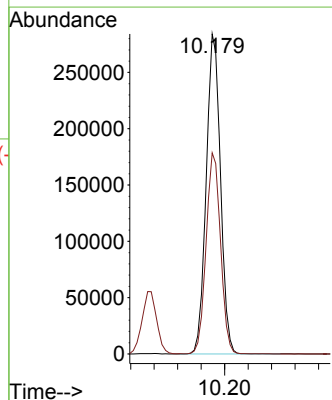
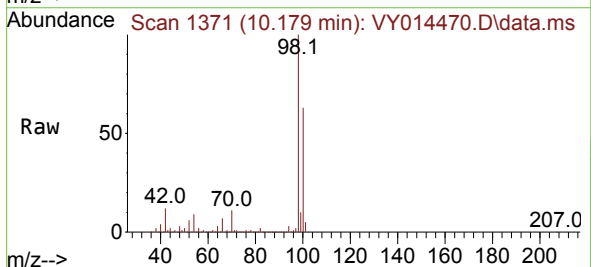
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

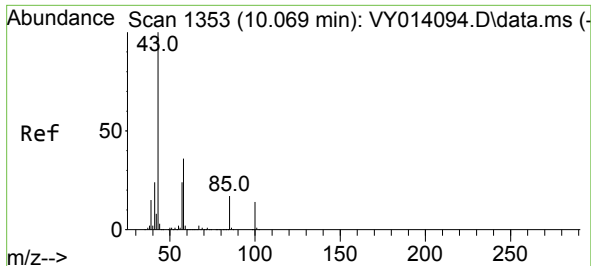
Tgt Ion: 88 Resp: 25568
Ion Ratio Lower Upper
88 100
43 32.9 0.0 0.0#
58 61.6 30.9 46.3#



#50
Toluene-d8
Concen: 51.442 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

Tgt Ion: 98 Resp: 479165
Ion Ratio Lower Upper
98 100
100 63.6 50.1 75.1

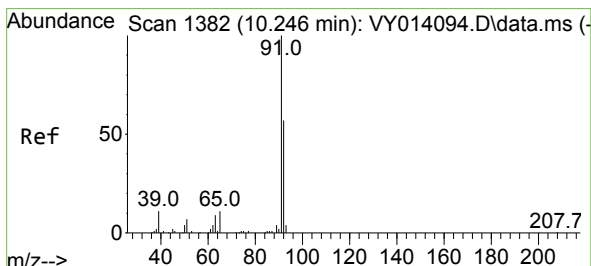
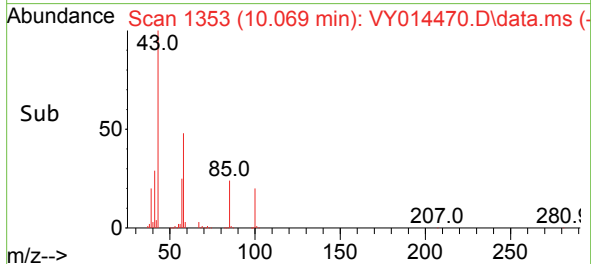
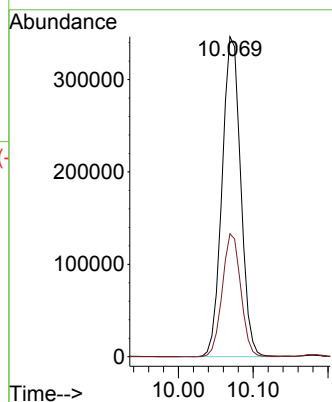
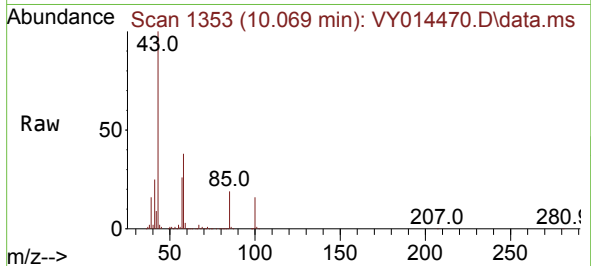




#51
4-Methyl-2-Pentanone
Concen: 242.320 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

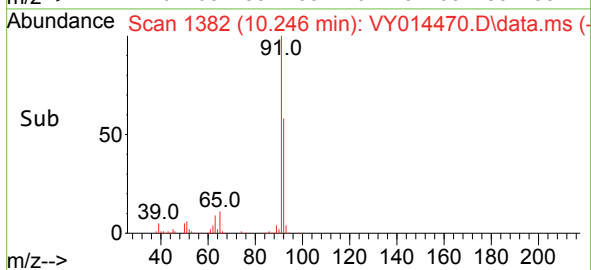
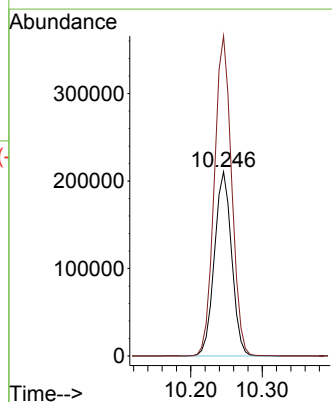
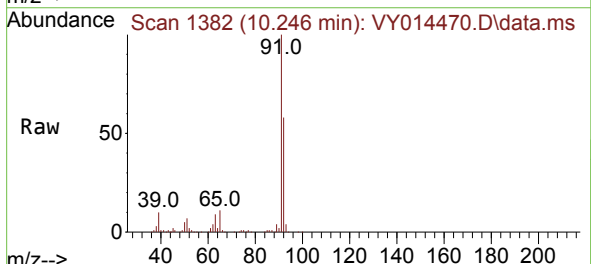
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

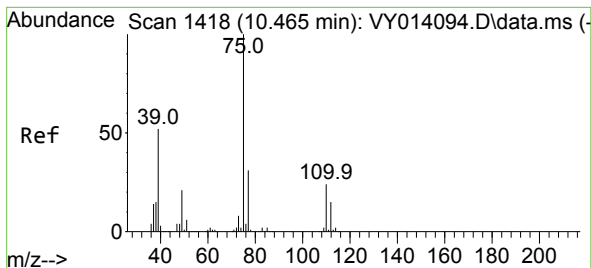
Tgt Ion: 43 Resp: 600956
Ion Ratio Lower Upper
43 100
58 38.2 29.0 43.6



#52
Toluene
Concen: 53.287 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

Tgt Ion: 92 Resp: 350651
Ion Ratio Lower Upper
92 100
91 175.4 143.8 215.6

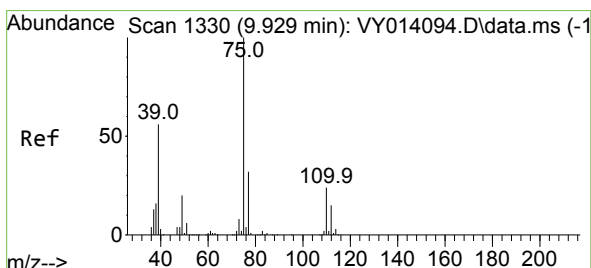
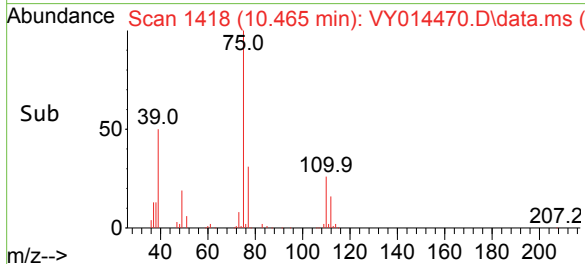
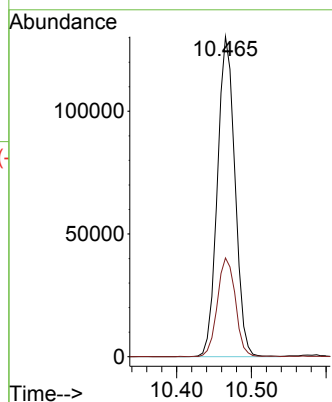
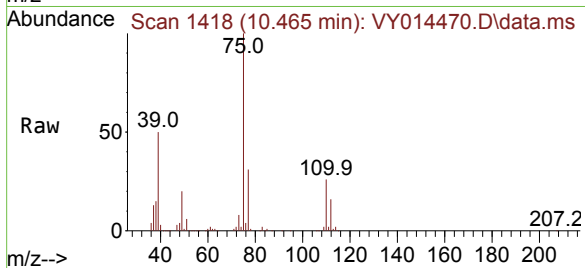




#53
t-1,3-Dichloropropene
Concen: 51.203 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

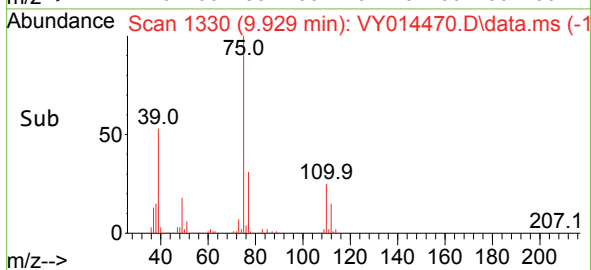
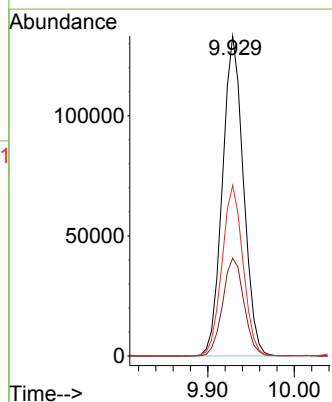
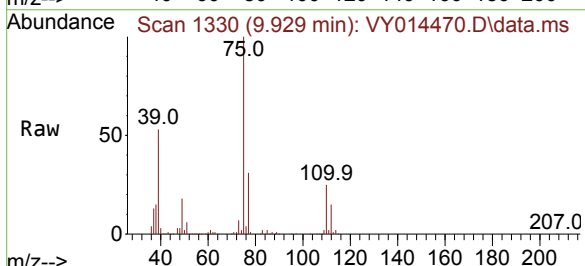
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

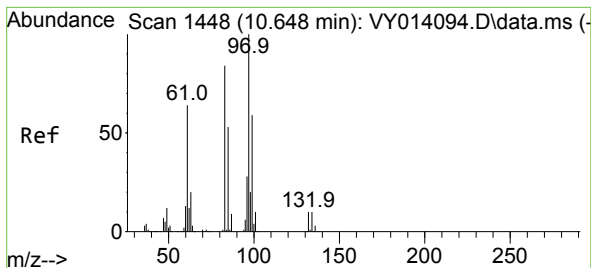
Tgt Ion: 75 Resp: 213217
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 52.169 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

Tgt Ion: 75 Resp: 224073
Ion Ratio Lower Upper
75 100
77 30.5 24.2 36.4
39 53.2 42.2 63.4



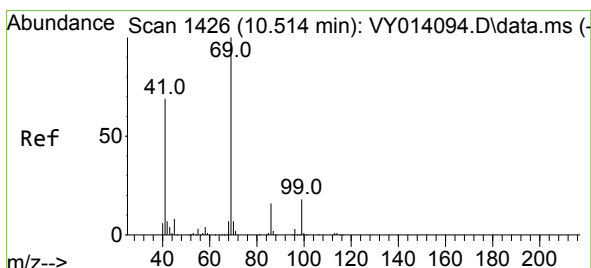
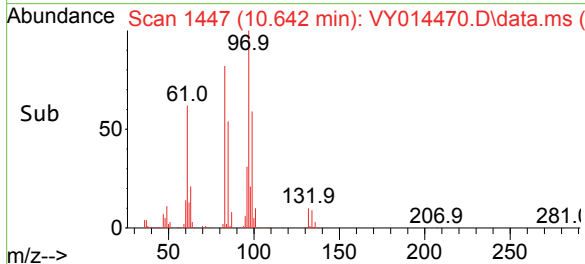
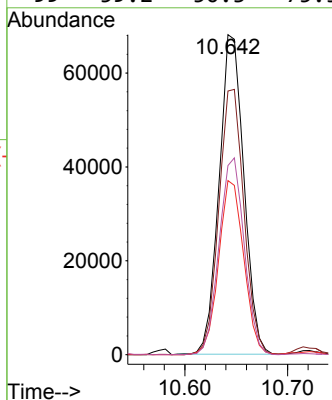
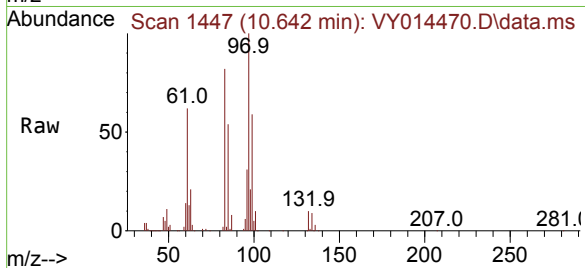


#55
1,1,2-Trichloroethane
Concen: 51.654 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 113982

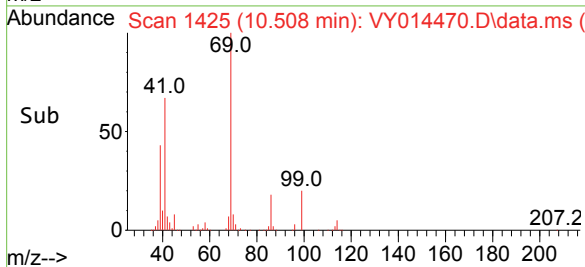
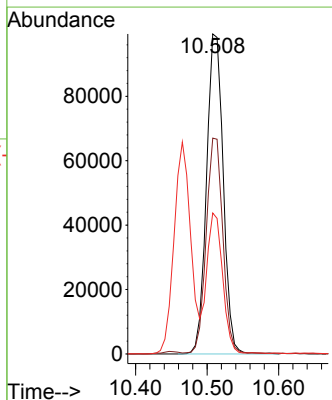
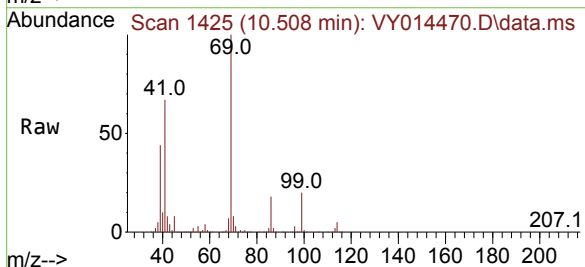
Ion	Ratio	Lower	Upper
97	100		
83	82.5	72.0	108.0
85	54.5	45.4	68.0
99	59.2	50.3	75.5

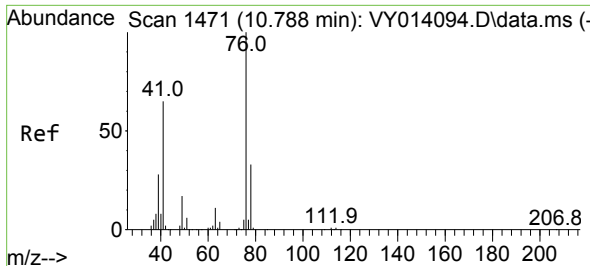


#56
Ethyl methacrylate
Concen: 51.065 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

Tgt Ion: 69 Resp: 160923

Ion	Ratio	Lower	Upper
69	100		
41	67.0	57.6	86.4
39	41.8	34.1	51.1





#57

1,3-Dichloropropane

Concen: 50.819 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

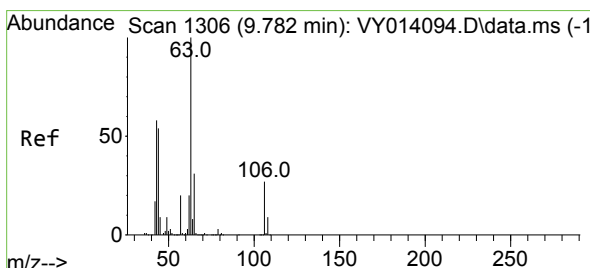
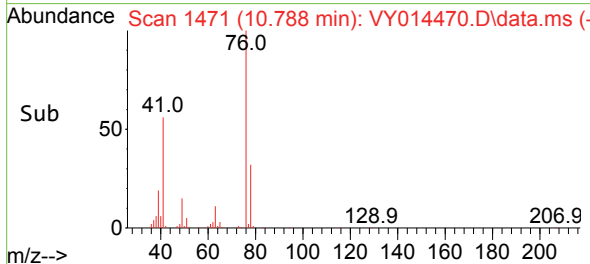
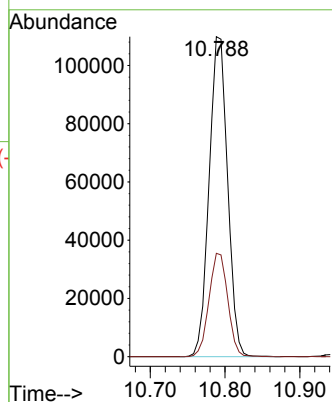
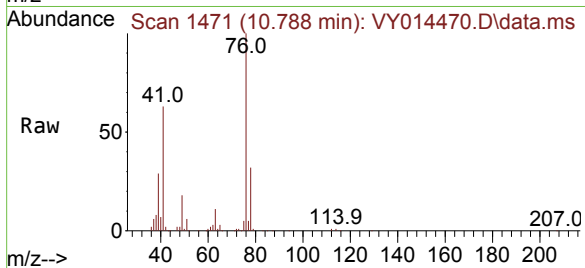
VSTDCCC050

Tgt Ion: 76 Resp: 188616

Ion Ratio Lower Upper

76 100

78 32.7 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 246.092 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014470.D

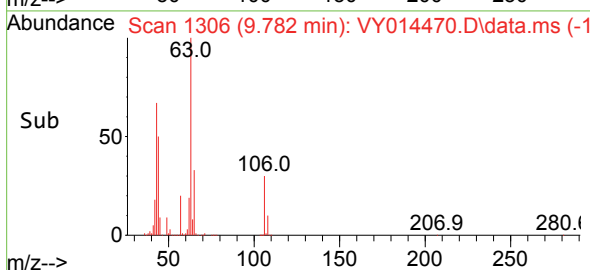
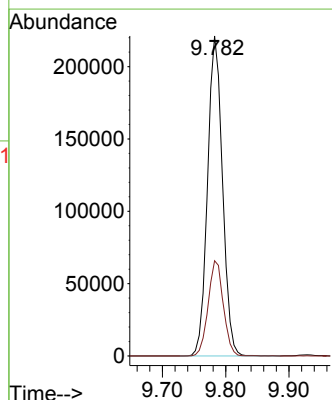
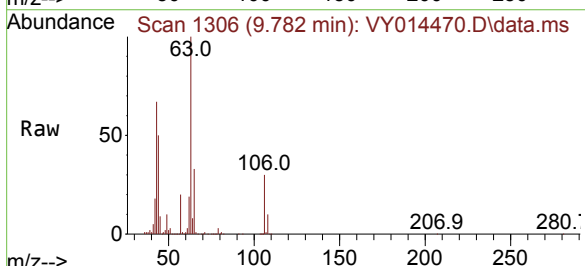
Acq: 28 Jun 2023 10:34

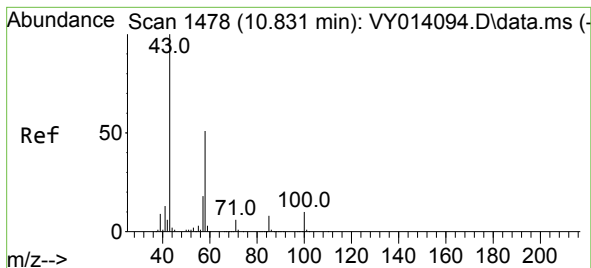
Tgt Ion: 63 Resp: 363274

Ion Ratio Lower Upper

63 100

106 30.2 21.2 31.8

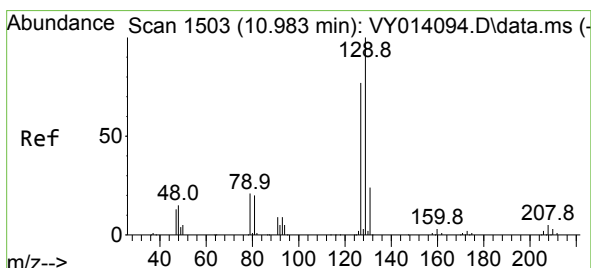
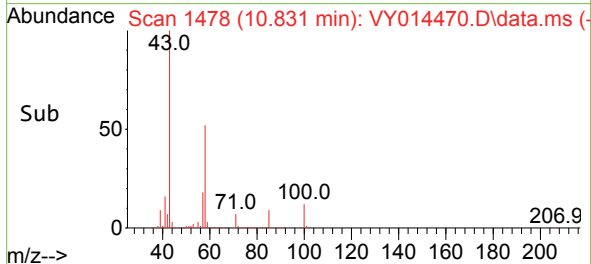
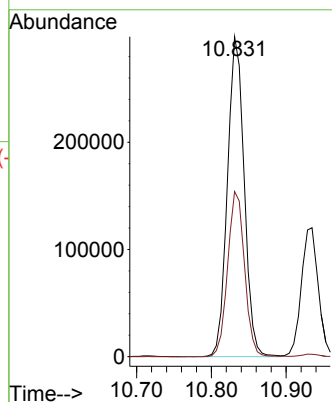
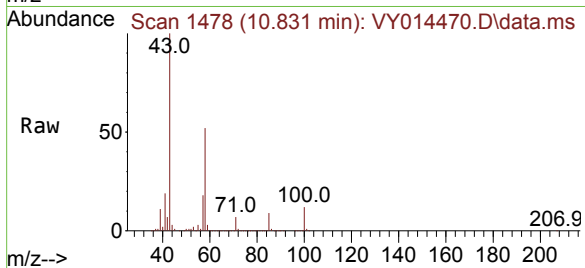




#59
2-Hexanone
Concen: 249.338 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

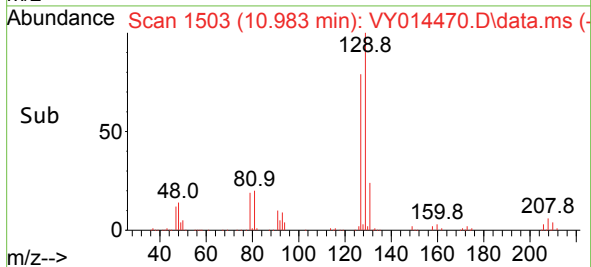
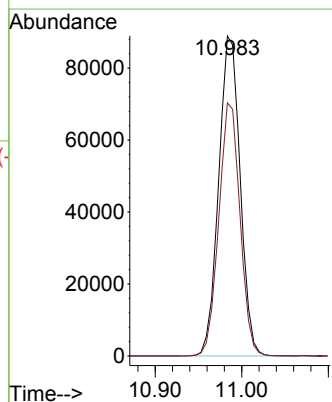
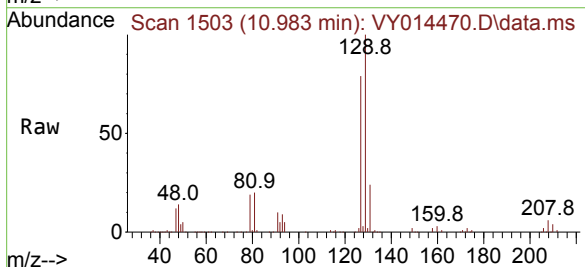
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

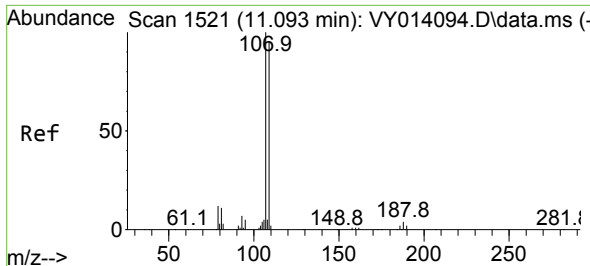
Tgt Ion: 43 Resp: 465953
Ion Ratio Lower Upper
43 100
58 52.0 25.1 75.3



#60
Dibromochloromethane
Concen: 52.256 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

Tgt Ion: 129 Resp: 152962
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5

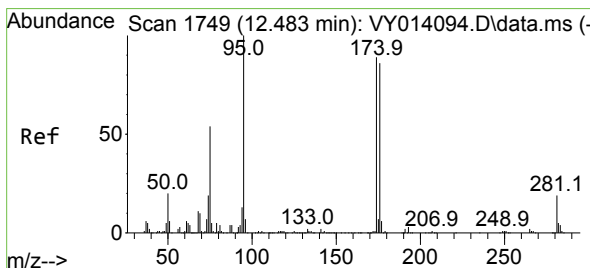
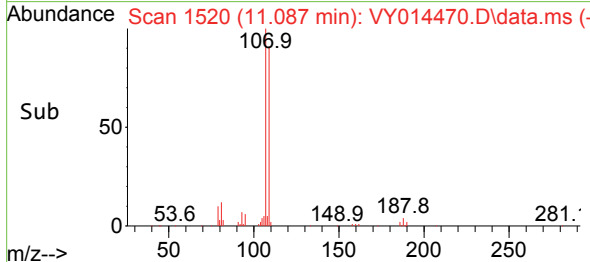
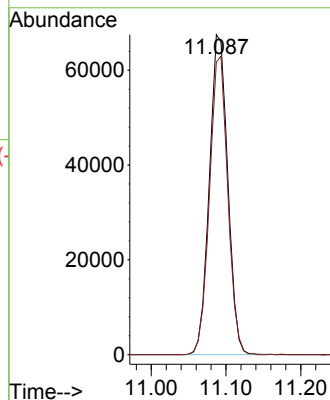
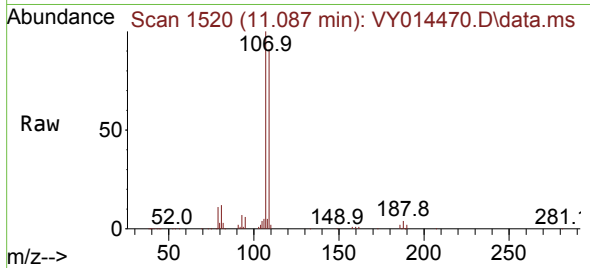




#61
1,2-Dibromoethane
Concen: 52.532 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

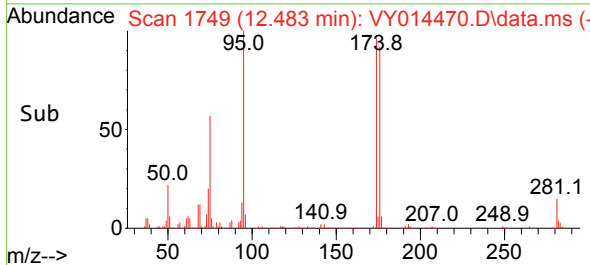
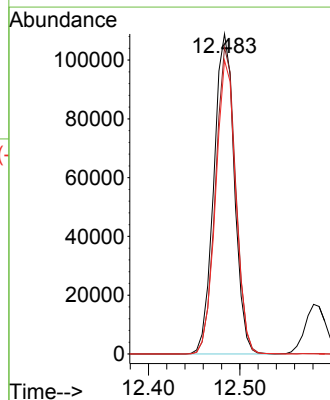
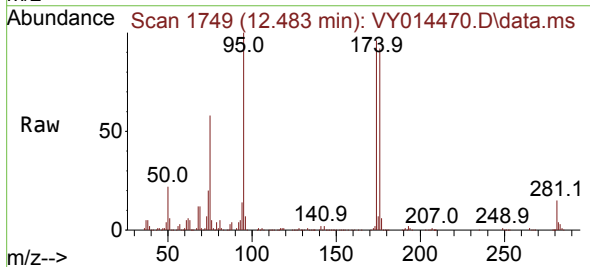
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

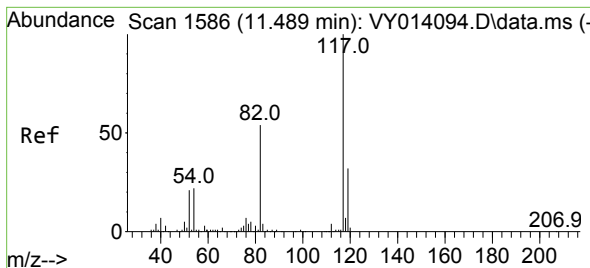
Tgt Ion:107 Resp: 115414
Ion Ratio Lower Upper
107 100
109 92.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.053 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

Tgt Ion: 95 Resp: 169770
Ion Ratio Lower Upper
95 100
174 94.4 0.0 178.2
176 90.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

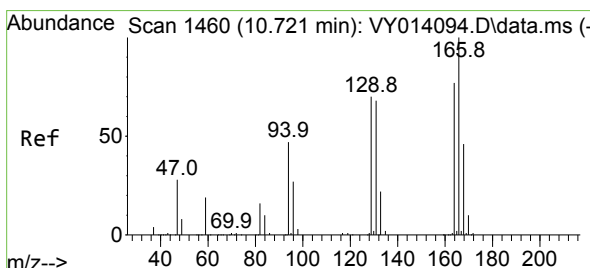
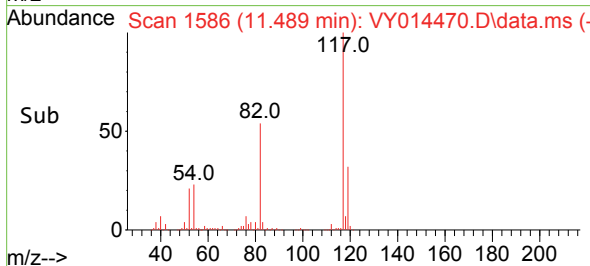
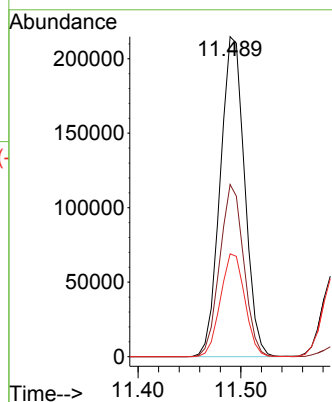
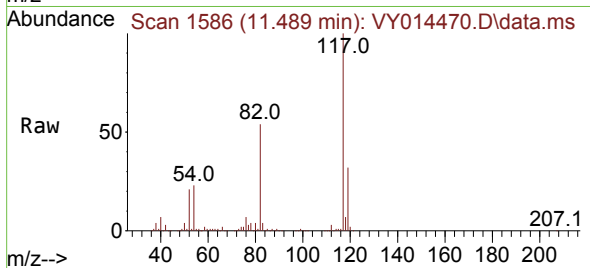
Tgt Ion:117 Resp: 354001

Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.0

119 32.2 26.3 39.5



#64

Tetrachloroethene

Concen: 51.752 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

Tgt Ion:164 Resp: 155900

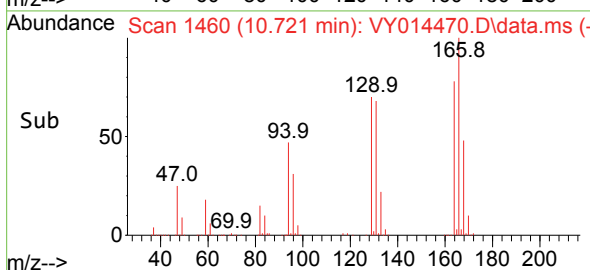
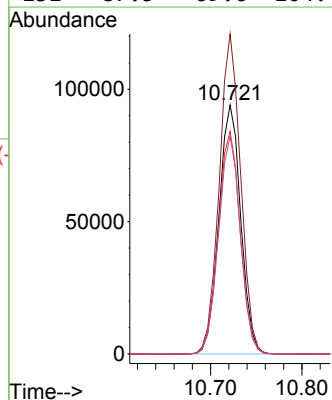
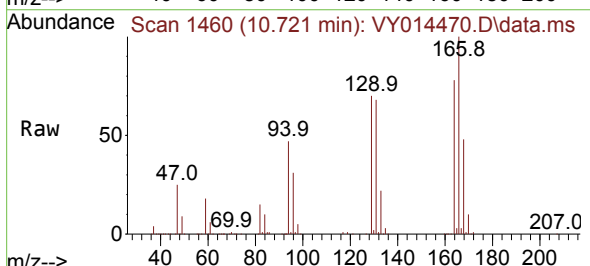
Ion Ratio Lower Upper

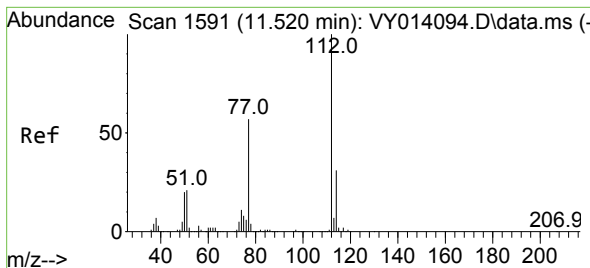
164 100

166 128.5 103.0 154.6

129 89.4 77.2 115.8

131 87.5 69.6 104.4

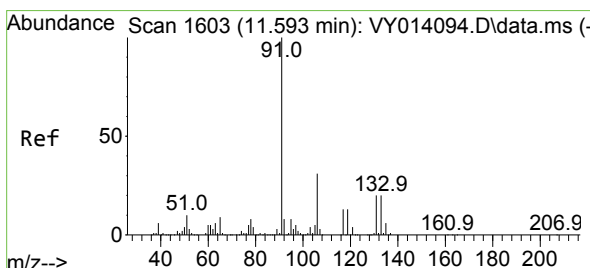
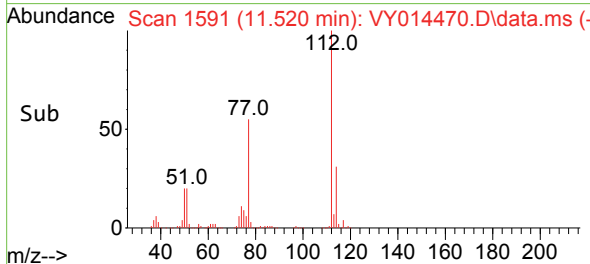
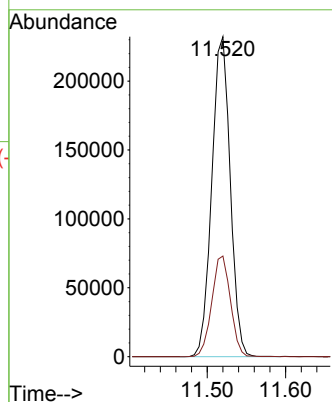
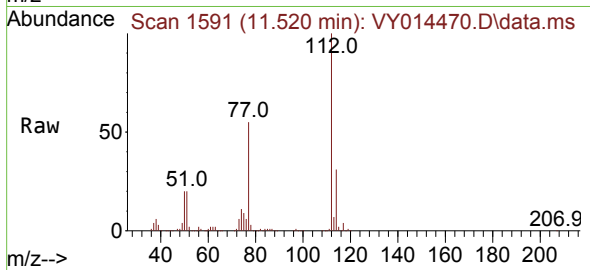




#65
Chlorobenzene
Concen: 52.144 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

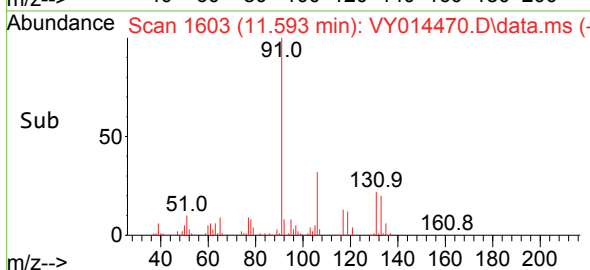
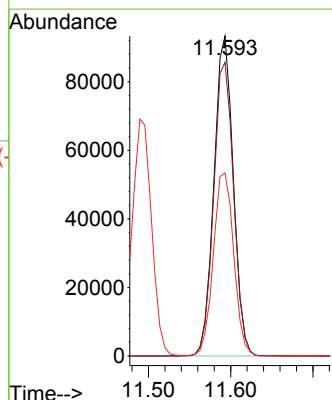
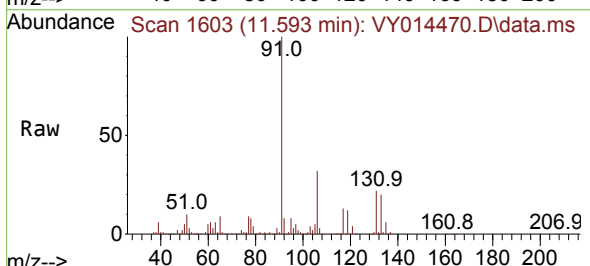
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

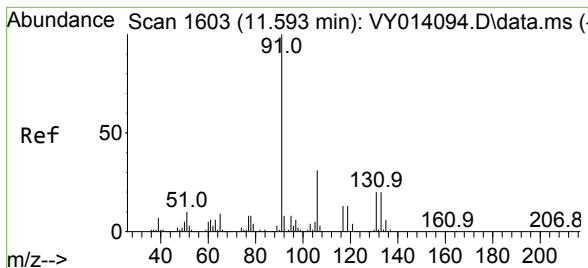
Tgt Ion:112 Resp: 379227
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.162 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

Tgt Ion:131 Resp: 152811
Ion Ratio Lower Upper
131 100
133 94.4 47.5 142.6
119 60.3 31.6 94.7





#67

Ethyl Benzene

Concen: 53.137 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

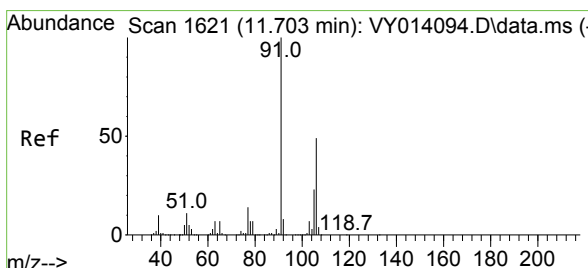
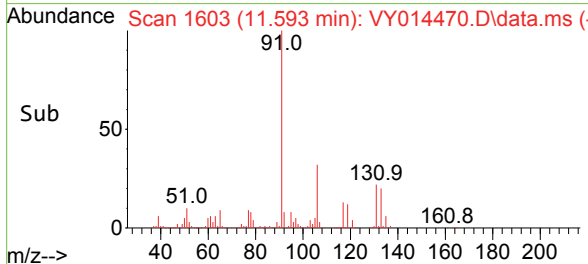
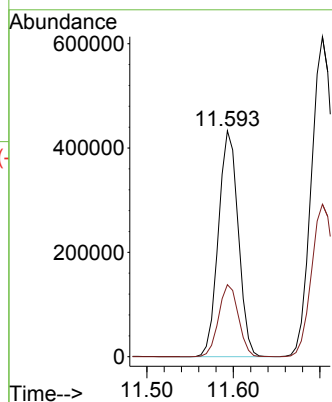
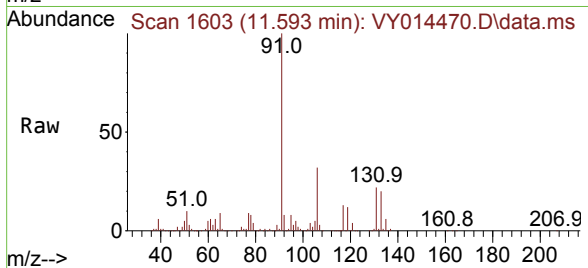
VSTDCCC050

Tgt Ion: 91 Resp: 688151

Ion Ratio Lower Upper

91 100

106 31.9 24.6 36.8



#68

m/p-Xylenes

Concen: 105.858 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014470.D

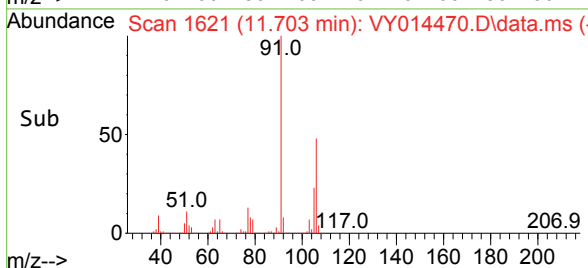
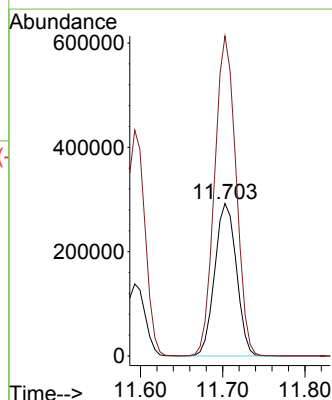
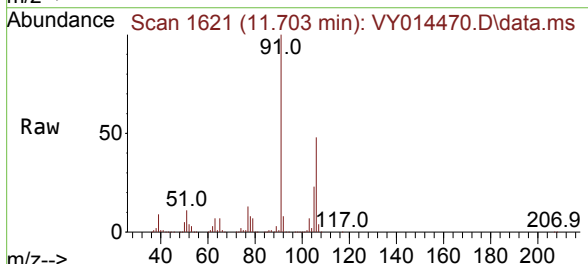
Acq: 28 Jun 2023 10:34

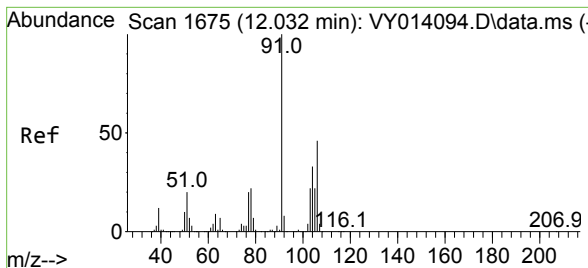
Tgt Ion:106 Resp: 535449

Ion Ratio Lower Upper

106 100

91 207.2 166.1 249.1

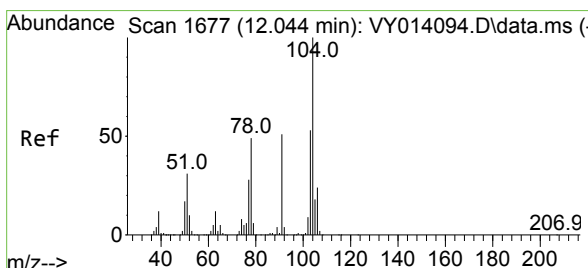
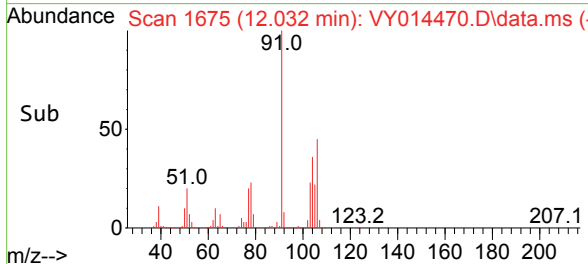
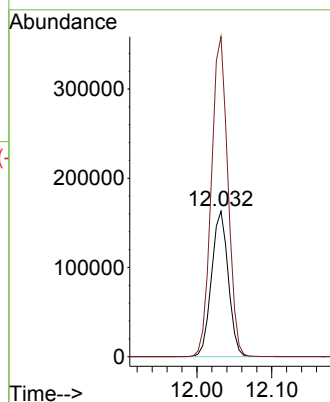
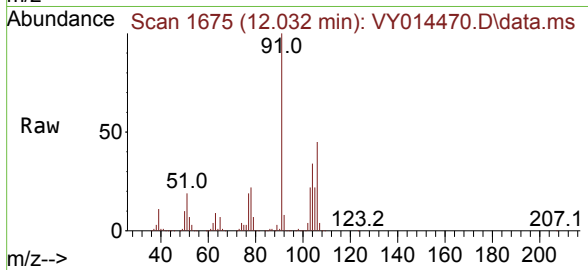




#69
o-Xylene
Concen: 52.599 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

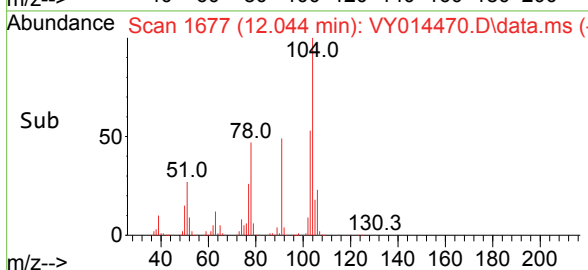
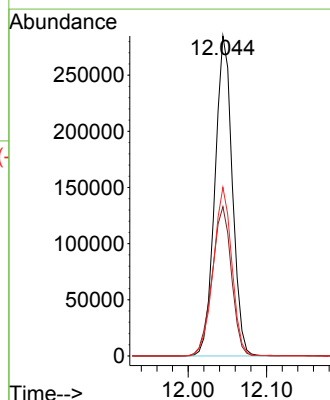
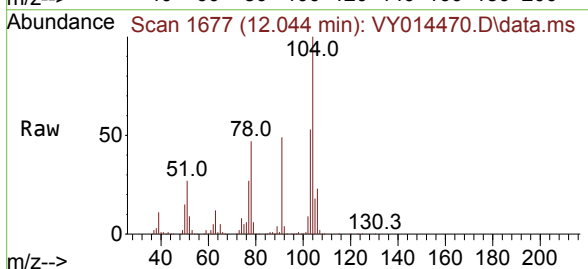
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

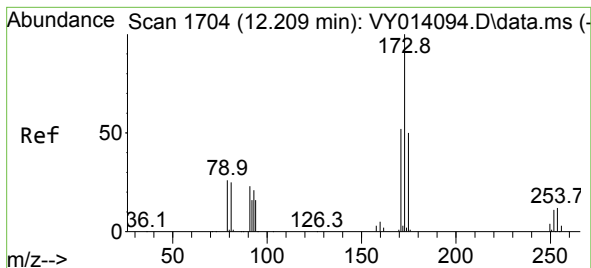
Tgt Ion:106 Resp: 253162
Ion Ratio Lower Upper
106 100
91 217.8 108.1 324.3



#70
Styrene
Concen: 53.502 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

Tgt Ion:104 Resp: 441351
Ion Ratio Lower Upper
104 100
78 51.8 41.5 62.3
103 56.1 44.6 67.0





#71

Bromoform

Concen: 51.180 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

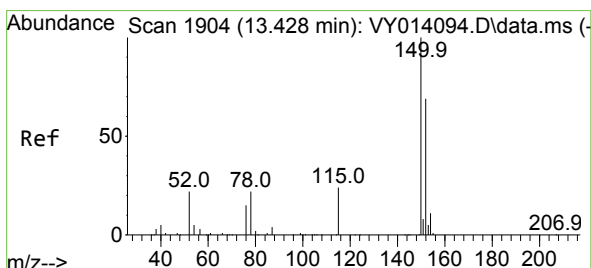
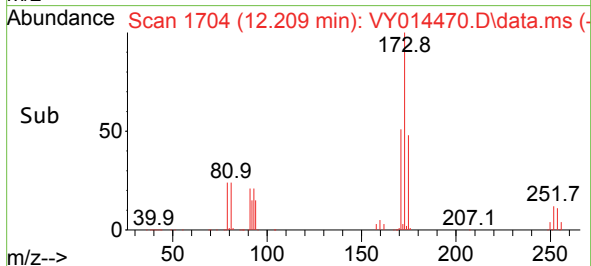
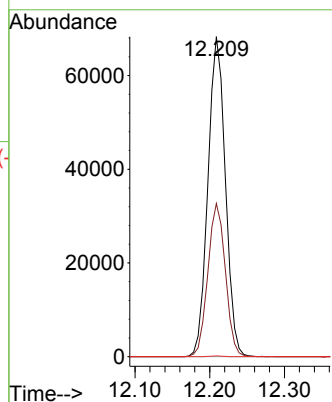
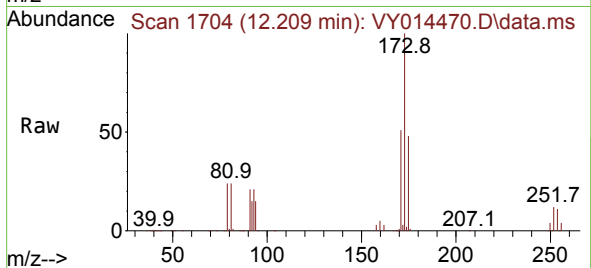
Tgt Ion:173 Resp: 110812

Ion Ratio Lower Upper

173 100

175 48.0 24.6 73.8

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

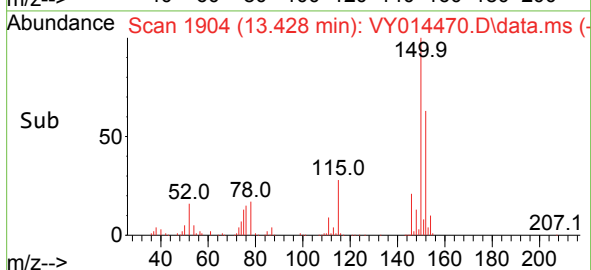
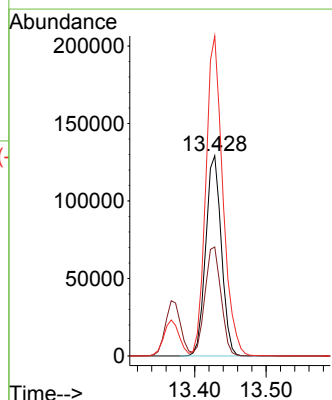
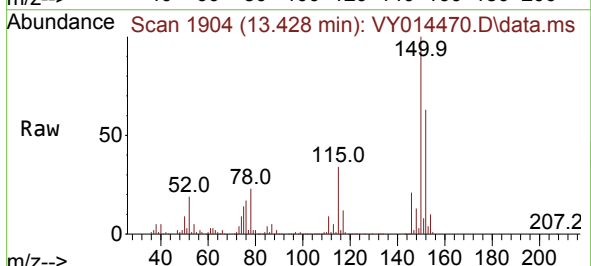
Tgt Ion:152 Resp: 196526

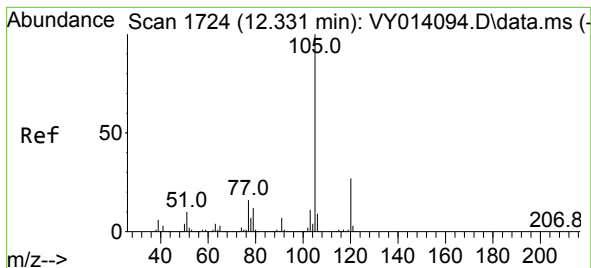
Ion Ratio Lower Upper

152 100

115 55.7 28.8 86.5

150 173.7 0.0 348.8





#73

Isopropylbenzene

Concen: 51.488 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

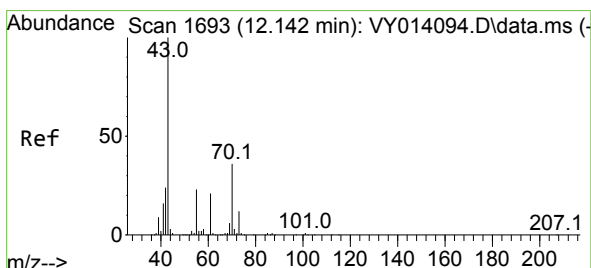
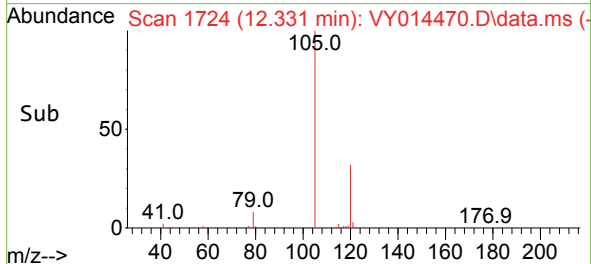
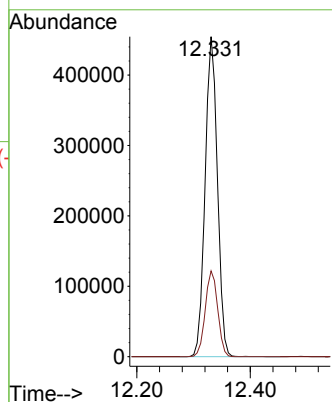
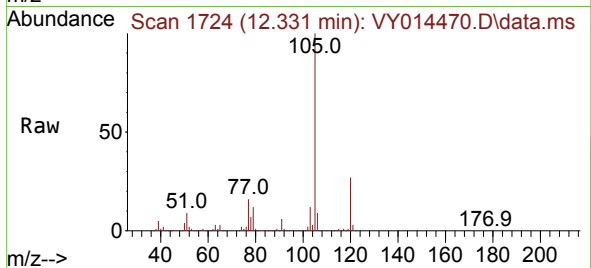
VSTDCCC050

Tgt Ion:105 Resp: 681348

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.9



#74

N-ethyl acetate

Concen: 47.806 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

Tgt Ion: 43 Resp: 200351

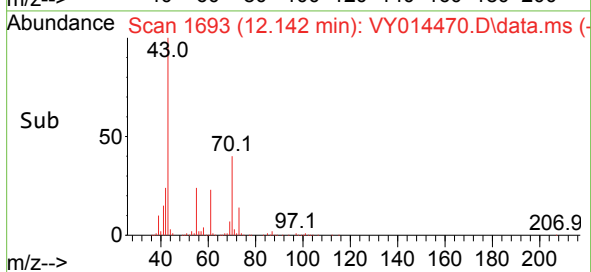
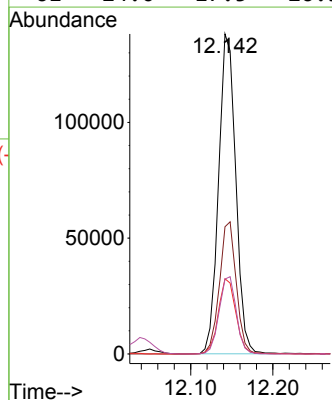
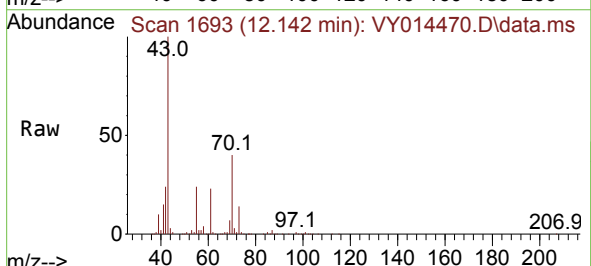
Ion Ratio Lower Upper

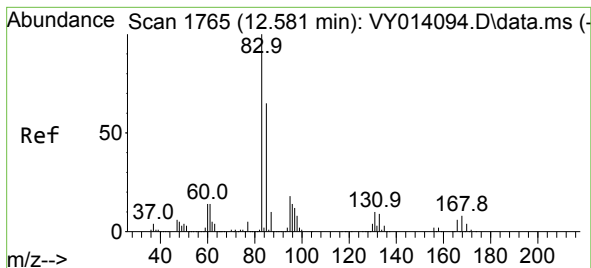
43 100

70 40.7 29.7 44.5

55 24.0 18.3 27.5

61 24.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.490 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

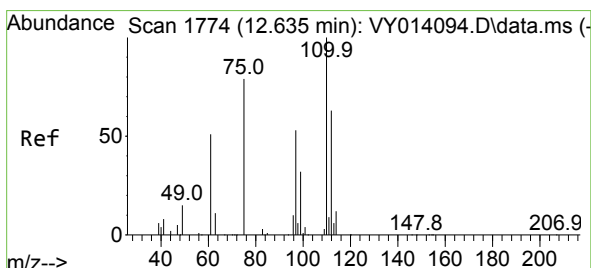
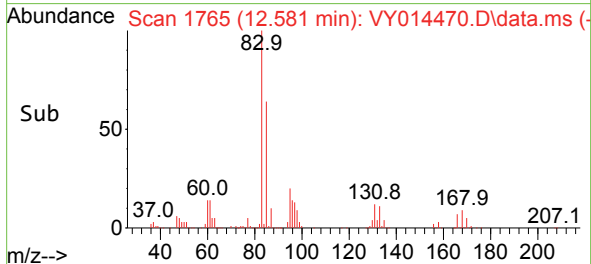
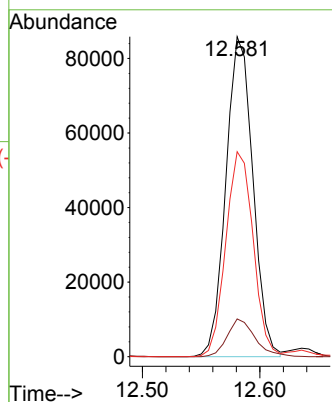
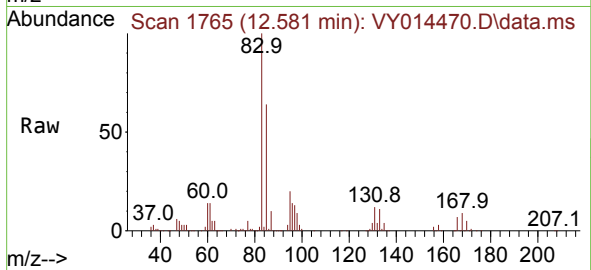
Tgt Ion: 83 Resp: 137132

Ion Ratio Lower Upper

83 100

131 12.1 5.4 16.2

85 65.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 79.641 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.001 min

Lab File: VY014470.D

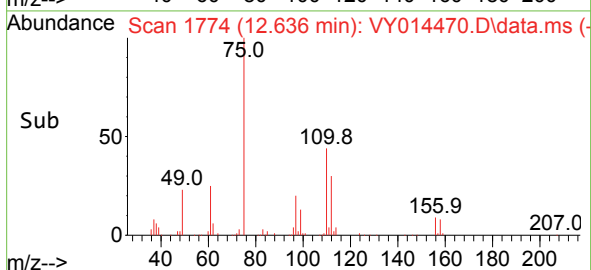
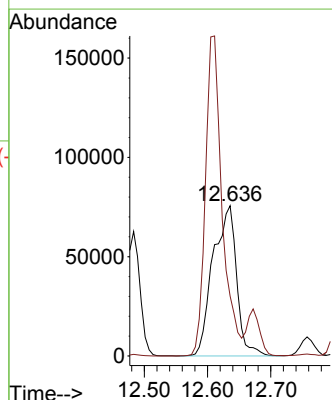
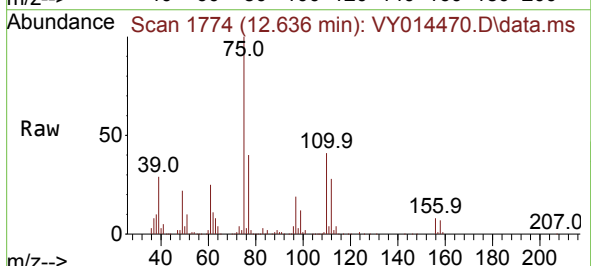
Acq: 28 Jun 2023 10:34

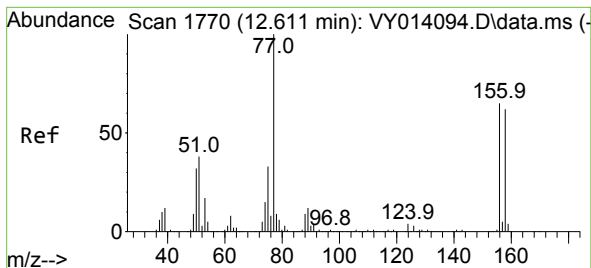
Tgt Ion: 75 Resp: 196335

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.641 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

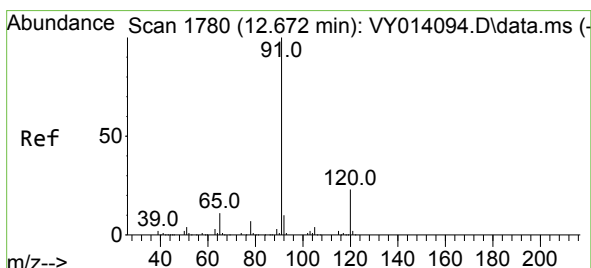
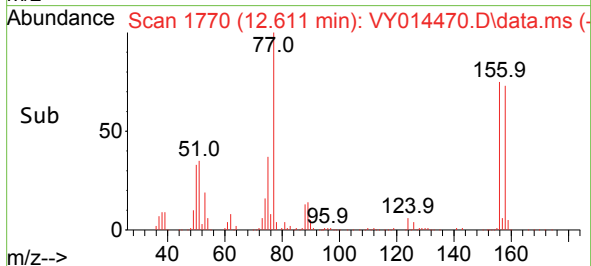
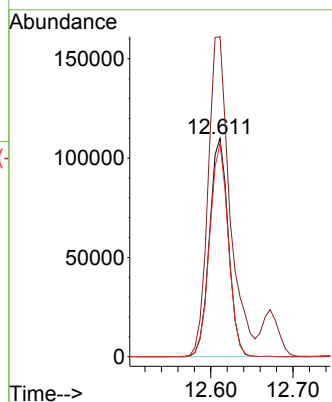
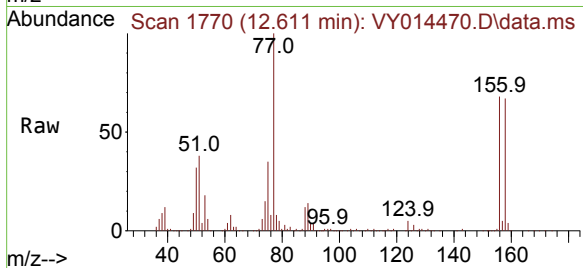
Tgt Ion:156 Resp: 174243

Ion Ratio Lower Upper

156 100

77 170.2 92.8 278.6

158 96.4 48.4 145.3



#78

n-propylbenzene

Concen: 51.386 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014470.D

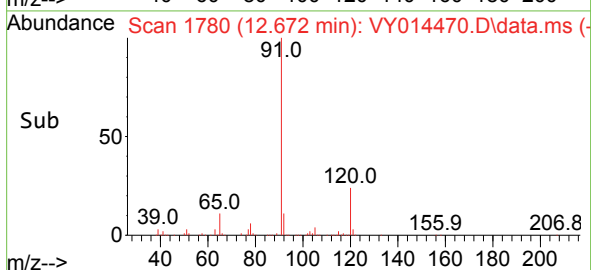
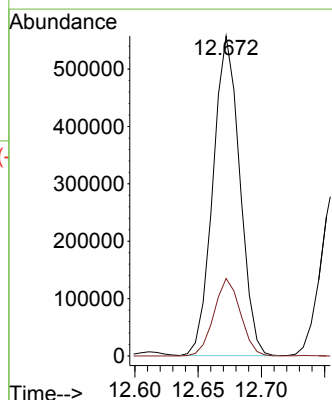
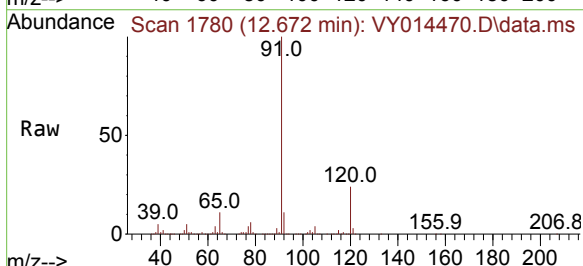
Acq: 28 Jun 2023 10:34

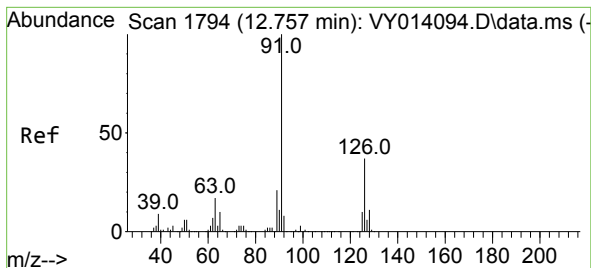
Tgt Ion: 91 Resp: 820378

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.934 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

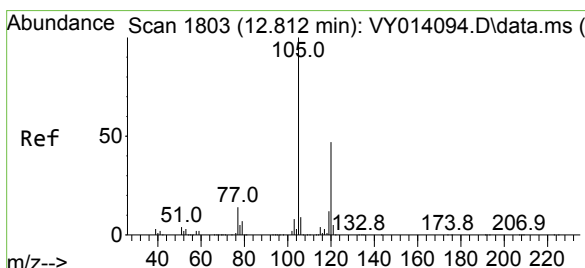
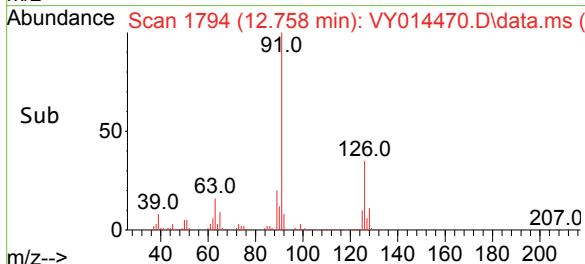
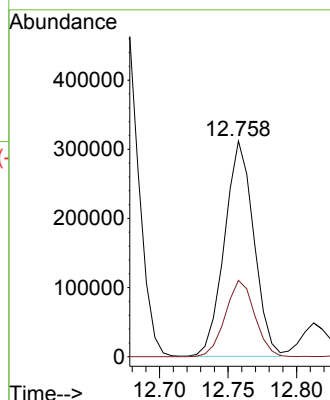
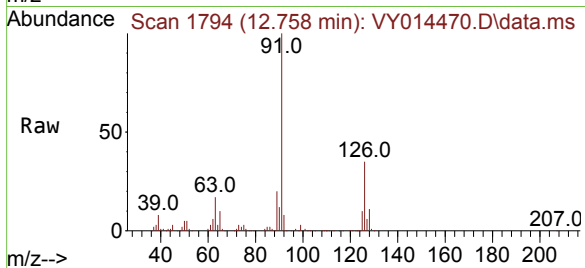
VSTDCCC050

Tgt Ion: 91 Resp: 464405

Ion Ratio Lower Upper

91 100

126 35.6 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 51.527 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY014470.D

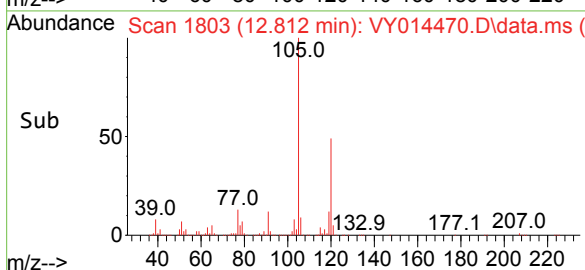
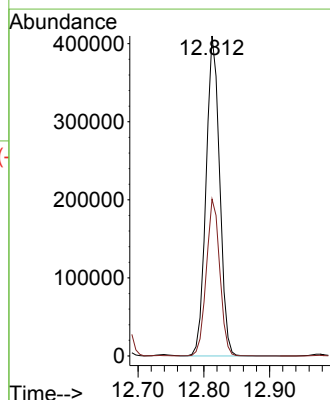
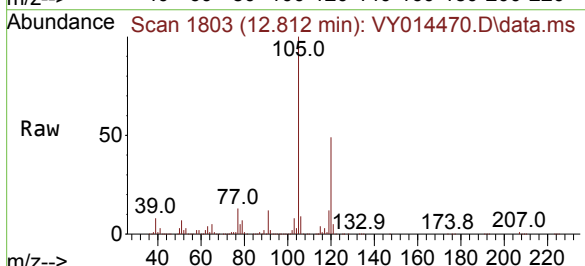
Acq: 28 Jun 2023 10:34

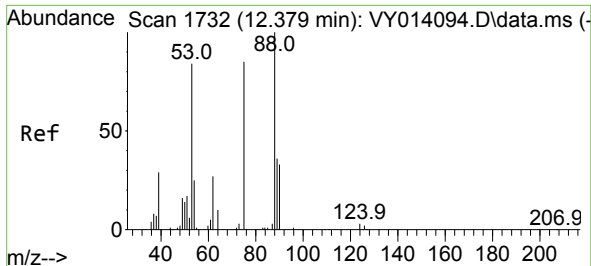
Tgt Ion:105 Resp: 589847

Ion Ratio Lower Upper

105 100

120 48.5 23.9 71.7

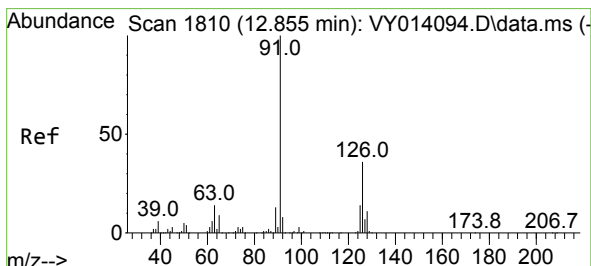
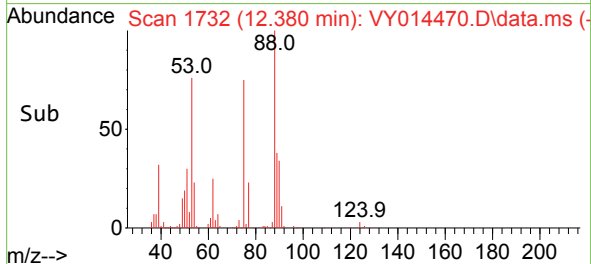
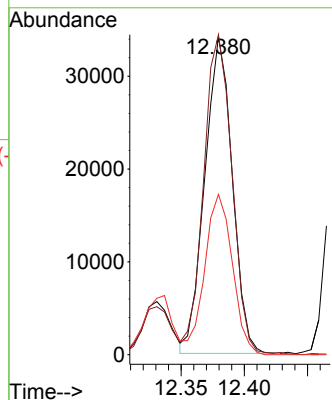
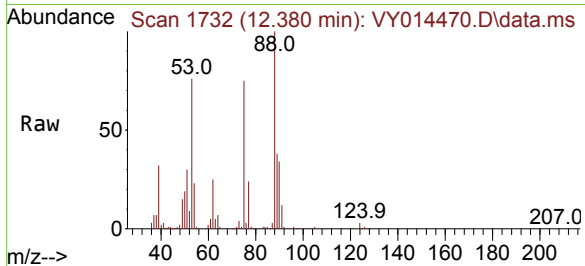




#81
trans-1,4-Dichloro-2-butene
Concen: 47.584 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

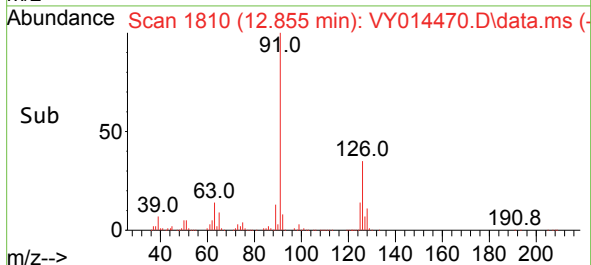
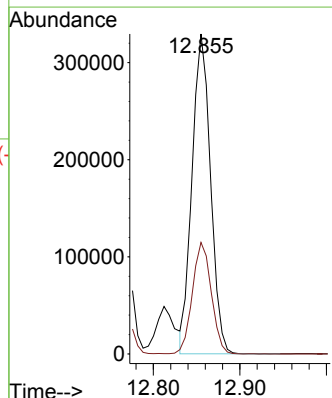
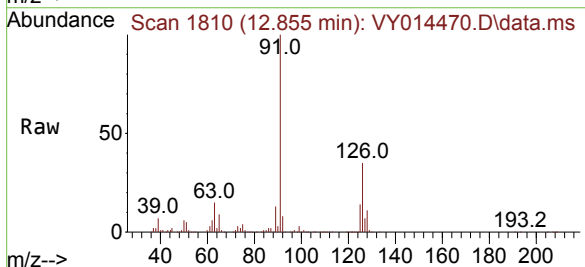
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

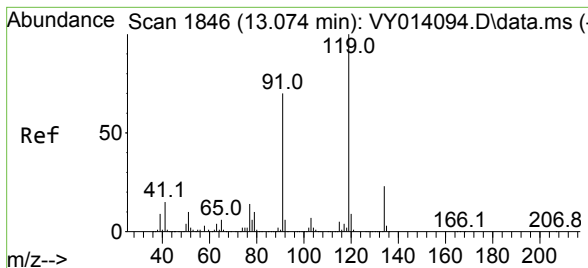
Tgt Ion: 75 Resp: 51526
Ion Ratio Lower Upper
75 100
53 104.5 77.8 116.8
89 51.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.195 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

Tgt Ion: 91 Resp: 487551
Ion Ratio Lower Upper
91 100
126 35.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.016 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

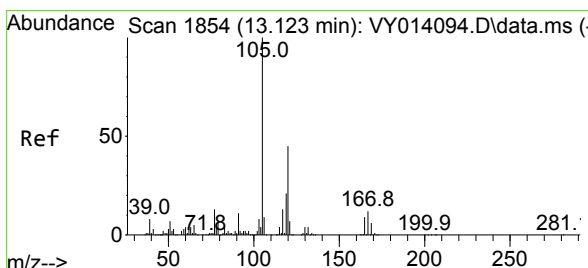
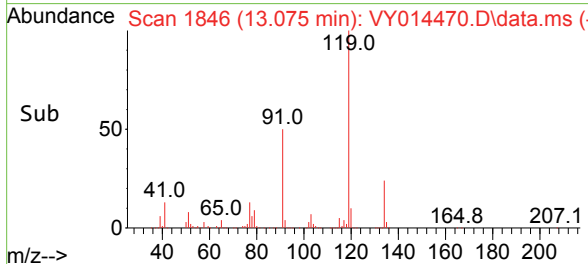
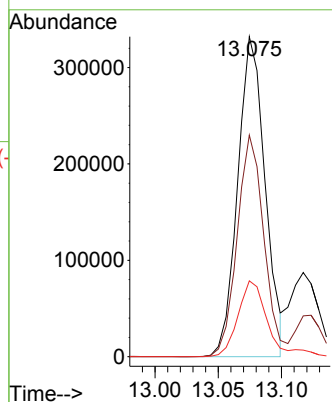
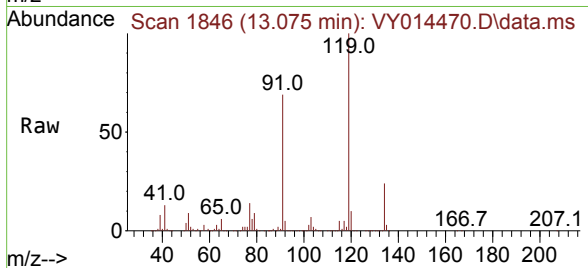
Tgt Ion:119 Resp: 500661

Ion Ratio Lower Upper

119 100

91 67.8 32.9 98.6

134 25.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.941 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY014470.D

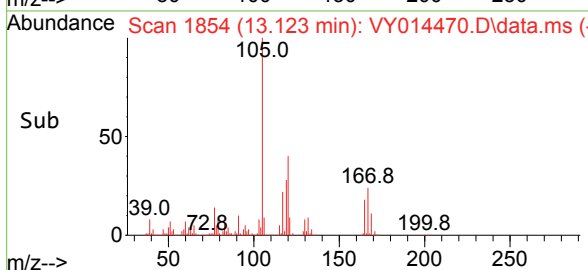
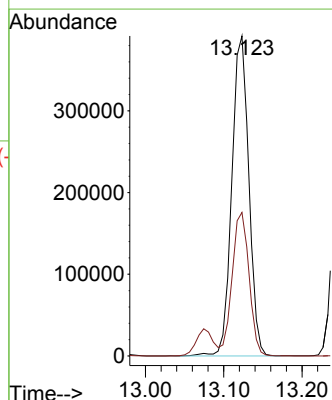
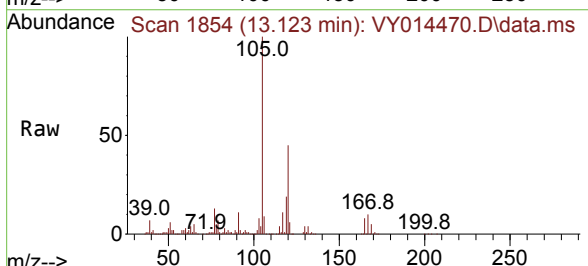
Acq: 28 Jun 2023 10:34

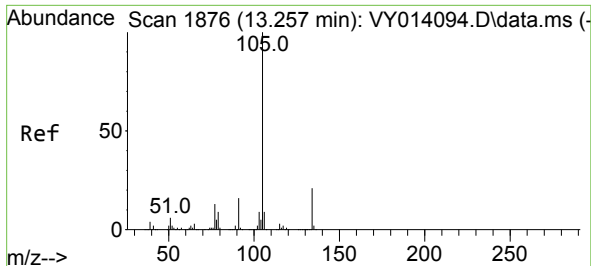
Tgt Ion:105 Resp: 589181

Ion Ratio Lower Upper

105 100

120 44.8 22.2 66.6

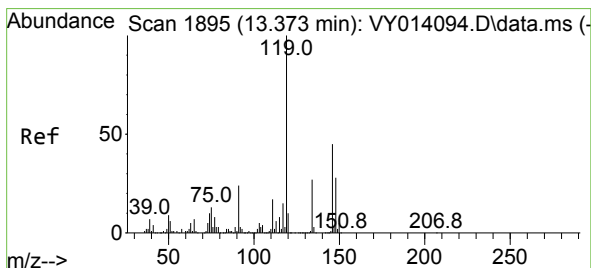
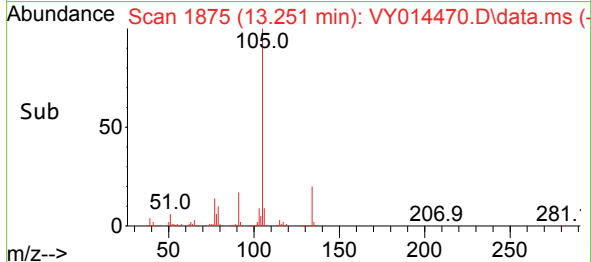
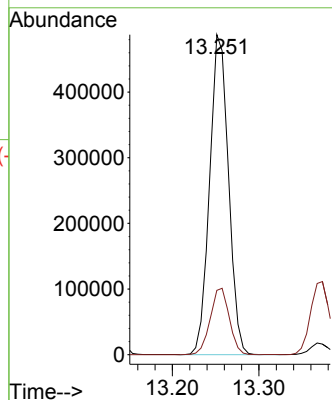
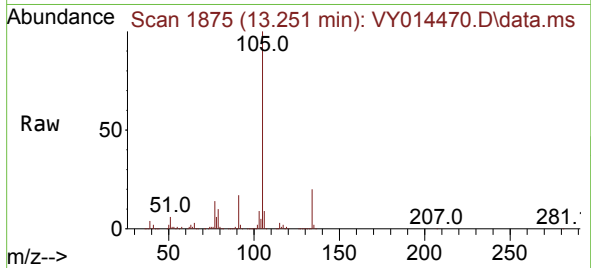




#85
 sec-Butylbenzene
 Concen: 51.932 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014470.D
 Acq: 28 Jun 2023 10:34

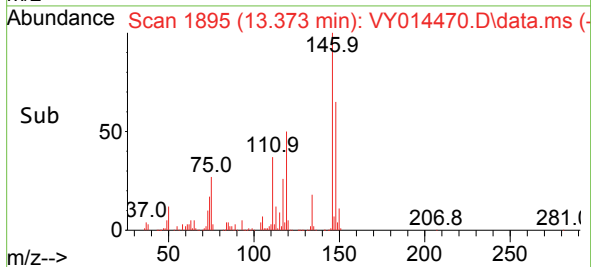
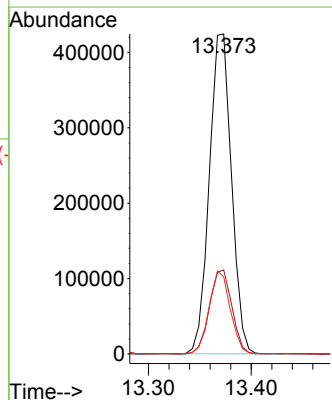
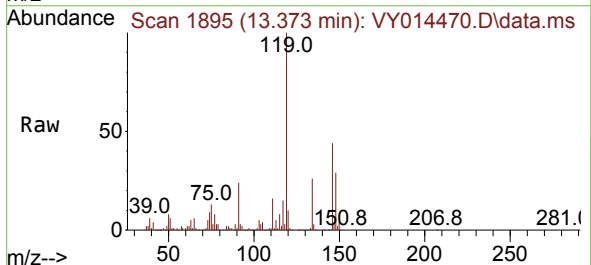
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

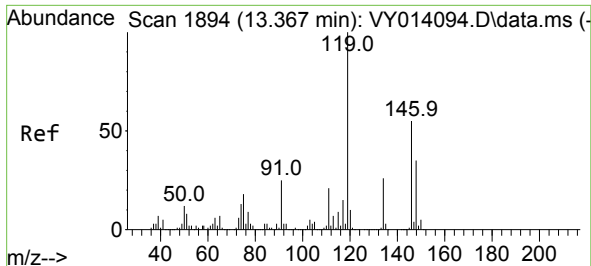
Tgt Ion:105 Resp: 737018
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 51.800 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY014470.D
 Acq: 28 Jun 2023 10:34

Tgt Ion:119 Resp: 636487
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 24.8 12.4 37.4

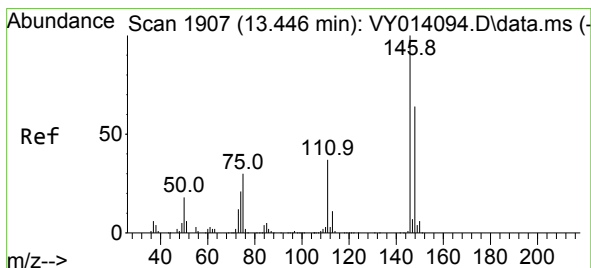
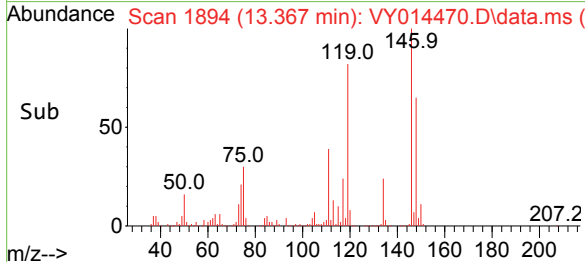
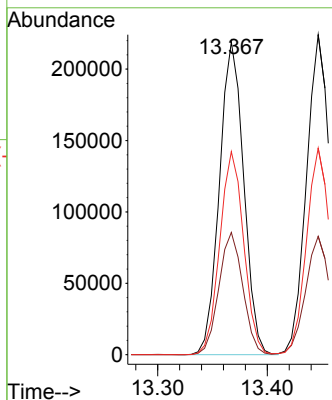
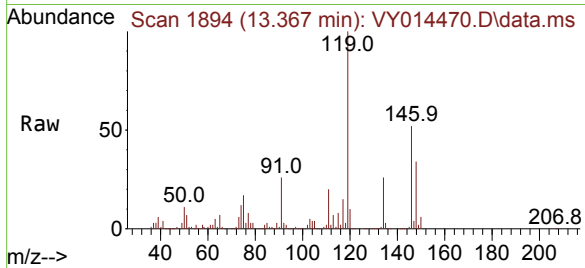




#87
1,3-Dichlorobenzene
Concen: 50.796 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

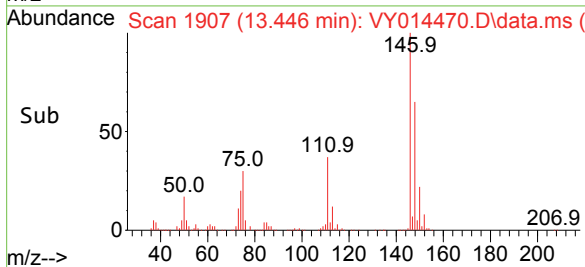
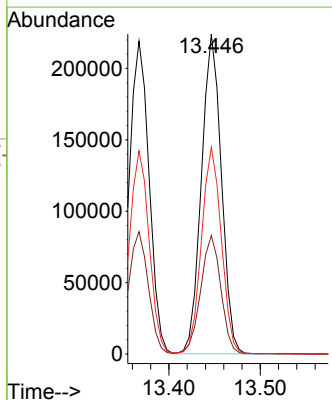
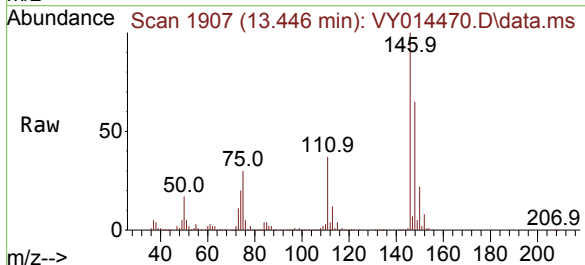
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

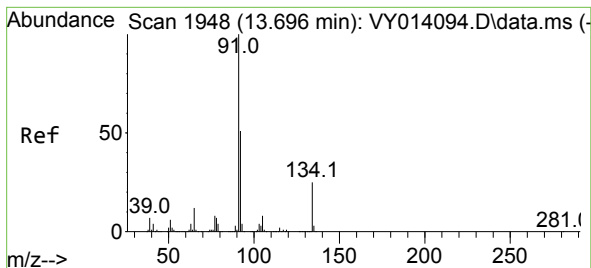
Tgt Ion:146 Resp: 337113
Ion Ratio Lower Upper
146 100
111 38.5 19.4 58.2
148 64.0 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 50.783 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY014470.D
Acq: 28 Jun 2023 10:34

Tgt Ion:146 Resp: 338821
Ion Ratio Lower Upper
146 100
111 37.6 18.9 56.7
148 64.6 32.1 96.5





#89

n-Butylbenzene

Concen: 51.619 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

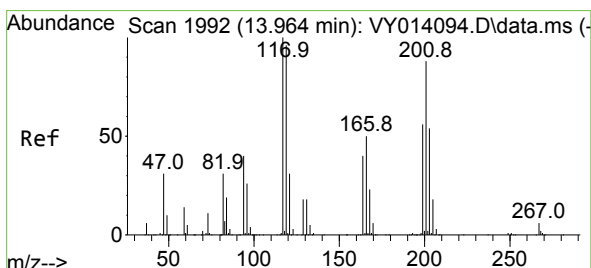
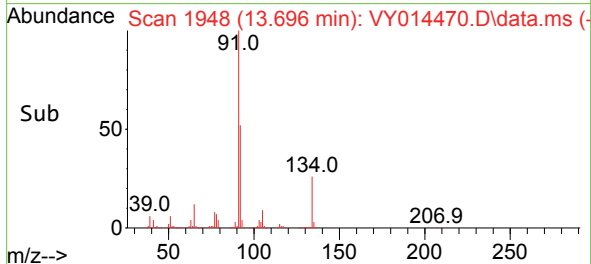
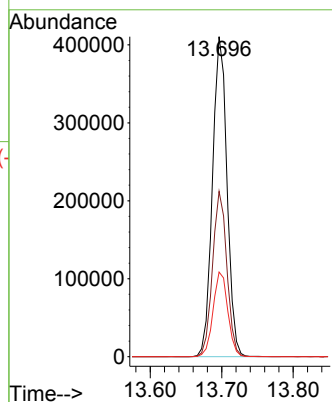
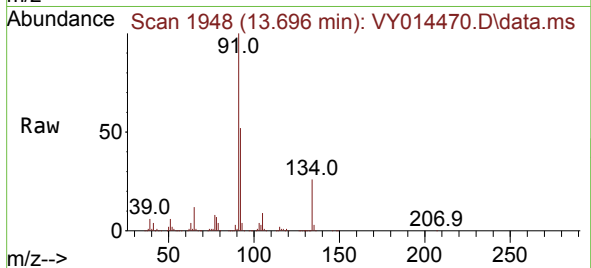
Tgt Ion: 91 Resp: 579526

Ion Ratio Lower Upper

91 100

92 50.9 25.4 76.0

134 26.8 12.6 37.6



#90

Hexachloroethane

Concen: 50.281 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.001 min

Lab File: VY014470.D

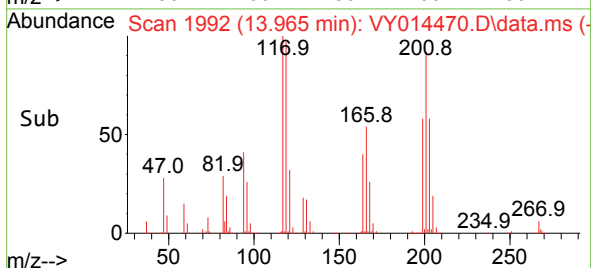
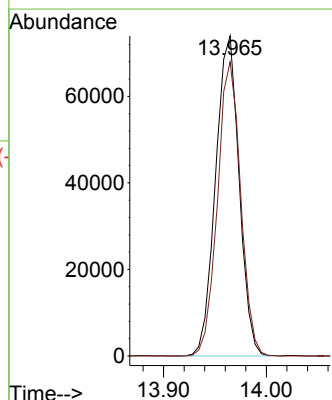
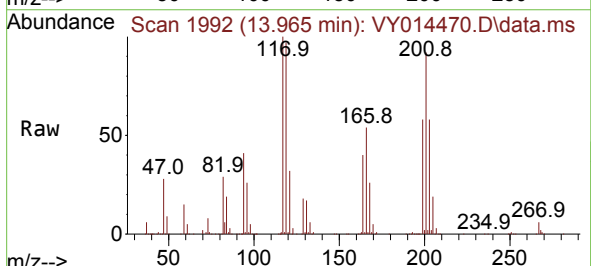
Acq: 28 Jun 2023 10:34

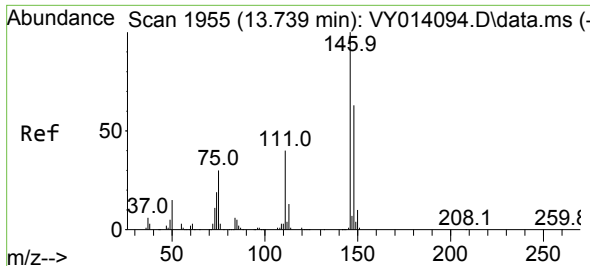
Tgt Ion: 117 Resp: 117535

Ion Ratio Lower Upper

117 100

201 90.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 51.210 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

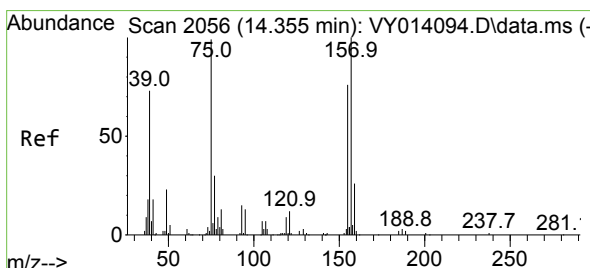
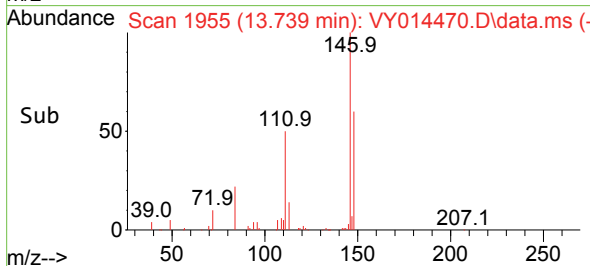
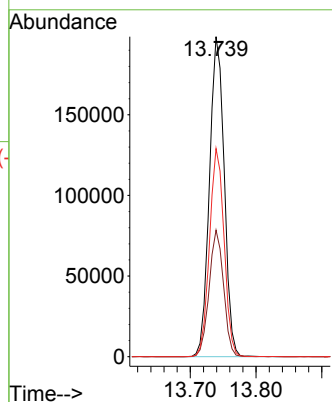
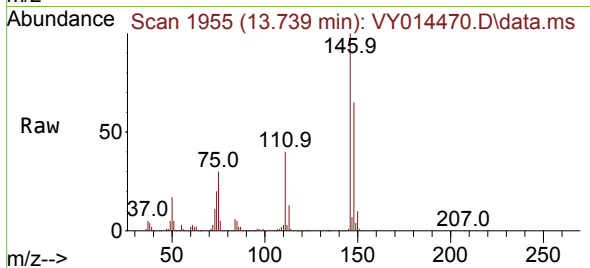
Tgt Ion:146 Resp: 310258

Ion Ratio Lower Upper

146 100

111 38.7 19.7 59.0

148 64.2 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.865 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

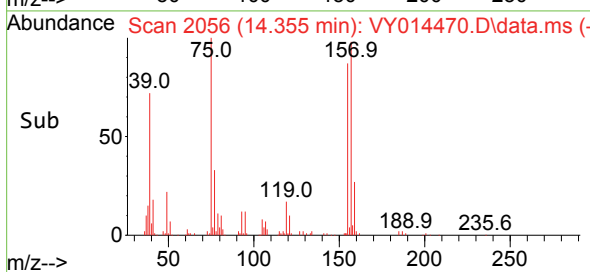
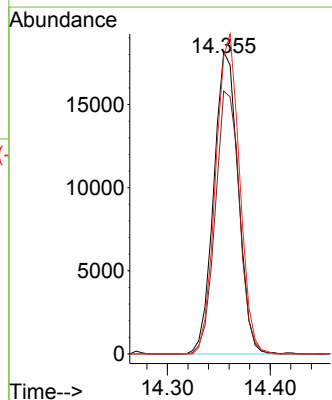
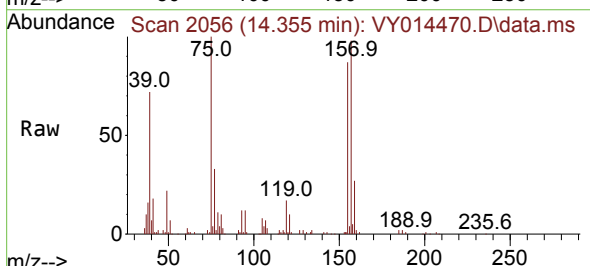
Tgt Ion: 75 Resp: 29918

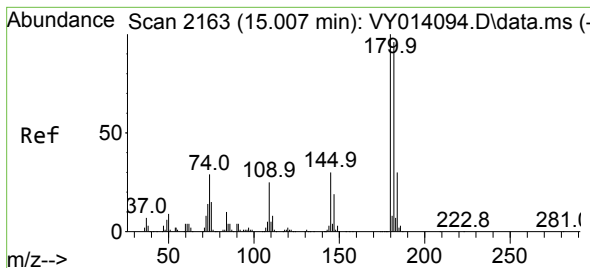
Ion Ratio Lower Upper

75 100

155 86.4 41.5 124.6

157 103.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 51.279 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

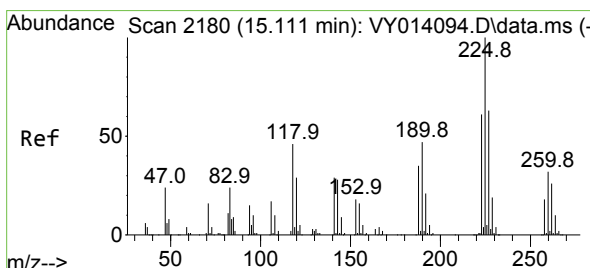
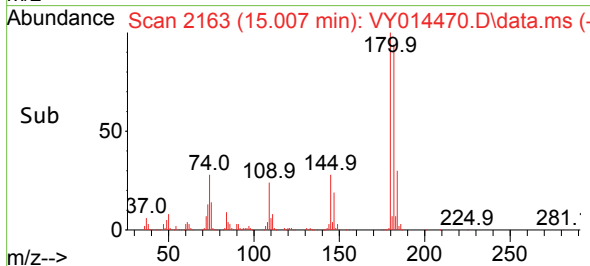
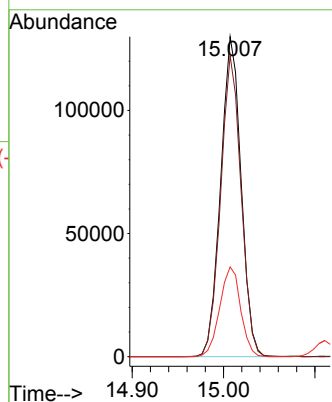
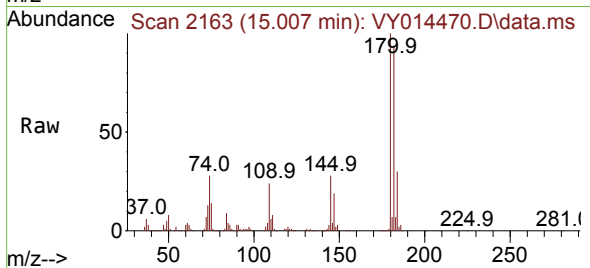
Tgt Ion:180 Resp: 201843

Ion Ratio Lower Upper

180 100

182 94.0 47.0 141.2

145 28.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 49.896 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

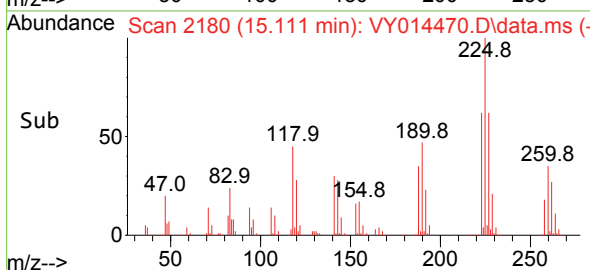
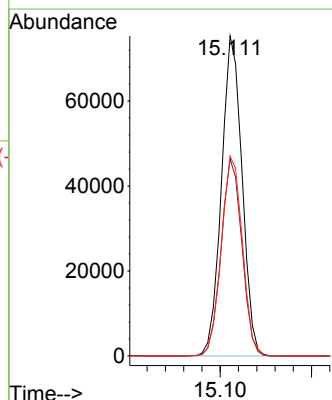
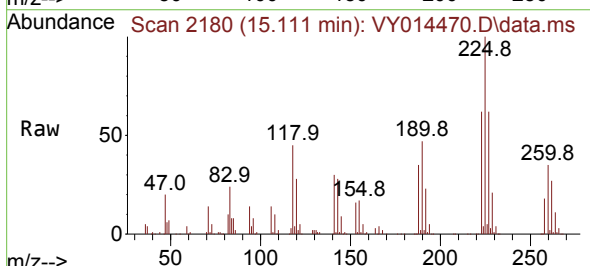
Tgt Ion:225 Resp: 117975

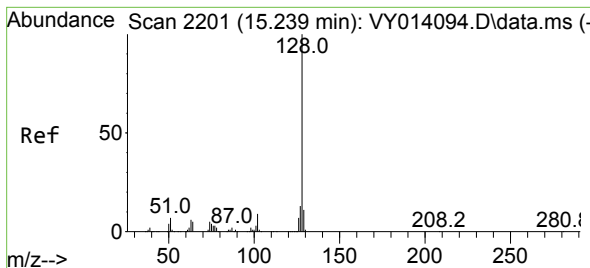
Ion Ratio Lower Upper

225 100

223 62.2 31.9 95.9

227 63.6 33.0 98.9





#95

Naphthalene

Concen: 49.339 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

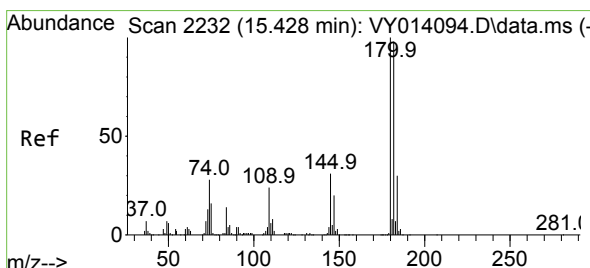
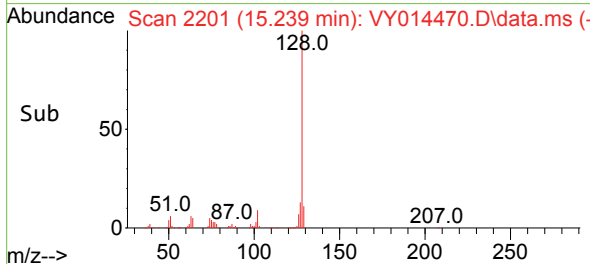
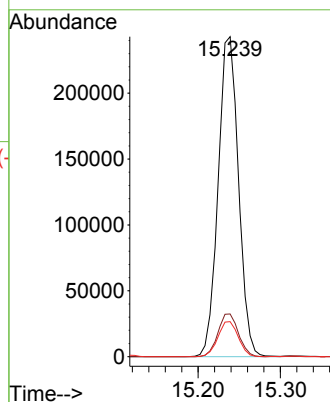
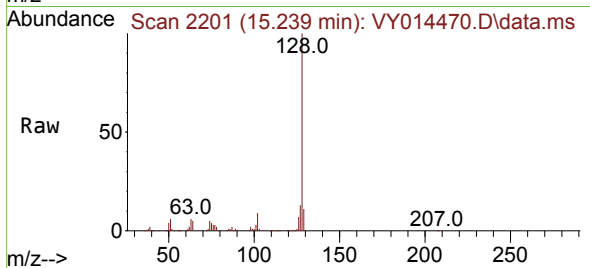
Tgt Ion:128 Resp: 417548

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.645 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY014470.D

Acq: 28 Jun 2023 10:34

Tgt Ion:180 Resp: 177932

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.8

145 30.5 15.4 46.2

