

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014421.D
 Acq On : 26 Jun 2023 09:36
 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 27 01:42:21 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	252583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	360762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	339662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	191998	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	163238	52.052	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.100%	
35) Dibromofluoromethane	7.722	113	116460	52.251	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.500%	
50) Toluene-d8	10.179	98	463128	52.272	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.540%	
62) 4-Bromofluorobenzene	12.483	95	167928	53.090	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.180%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	106197	45.294	ug/l	96
3) Chloromethane	2.113	50	101422	44.203	ug/l	98
4) Vinyl Chloride	2.253	62	115733	46.280	ug/l	95
5) Bromomethane	2.644	94	100578	45.775	ug/l	98
6) Chloroethane	2.790	64	79595	48.051	ug/l	97
7) Trichlorofluoromethane	3.125	101	251322	50.902	ug/l	97
8) Diethyl Ether	3.528	74	69174	45.953	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.899	101	105812	45.345	ug/l	94
10) Methyl Iodide	4.088	142	133573	43.698	ug/l	93
11) Tert butyl alcohol	4.960	59	100863	253.233	ug/l #	79
12) 1,1-Dichloroethene	3.875	96	105661	45.408	ug/l	96
13) Acrolein	3.735	56	98927	236.251	ug/l	98
14) Allyl chloride	4.479	41	160433	43.170	ug/l	88
15) Acrylonitrile	5.161	53	196960	233.992	ug/l	99
16) Acetone	3.948	43	288078	291.930	ug/l	99
17) Carbon Disulfide	4.198	76	319142	44.320	ug/l	97
18) Methyl Acetate	4.479	43	147357	43.437	ug/l	91
19) Methyl tert-butyl Ether	5.222	73	351612	49.128	ug/l	96
20) Methylene Chloride	4.716	84	121459	41.696	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	118151	46.179	ug/l	95
22) Diisopropyl ether	6.119	45	323469	43.799	ug/l #	97
23) Vinyl Acetate	6.064	43	1059307	280.931	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	191964	43.772	ug/l	98
25) 2-Butanone	6.984	43	310188	252.371	ug/l	94
26) 2,2-Dichloropropane	6.984	77	216644	46.719	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	129310	44.897	ug/l	98
28) Bromochloromethane	7.338	49	80916	42.307	ug/l #	76
29) Tetrahydrofuran	7.350	42	171988	234.673	ug/l #	86
30) Chloroform	7.509	83	229656	46.422	ug/l	96
31) Cyclohexane	7.783	56	162471	41.943	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	229052	48.641	ug/l	98
36) 1,1-Dichloropropene	7.923	75	163279	47.538	ug/l	98
37) Ethyl Acetate	7.076	43	114201	48.246	ug/l #	96
38) Carbon Tetrachloride	7.905	117	223217	51.644	ug/l	98
39) Methylcyclohexane	9.185	83	190934	48.318	ug/l	93
40) Benzene	8.161	78	460205	47.307	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	169343	144.357	ug/l #	42
42) 1,2-Dichloroethane	8.240	62	186444	50.550	ug/l	99
43) Isopropyl Acetate	8.277	43	203370	48.657	ug/l	97
44) Trichloroethene	8.941	130	133674	47.861	ug/l	97
45) 1,2-Dichloropropane	9.216	63	103019	44.914	ug/l	98
46) Dibromomethane	9.307	93	75898	48.421	ug/l	94
47) Bromodichloromethane	9.496	83	178046	48.734	ug/l	98
48) Methyl methacrylate	9.295	41	94123	48.486	ug/l	91
49) 1,4-Dioxane	9.301	88	26176	1068.021	ug/l #	51
51) 4-Methyl-2-Pentanone	10.069	43	592374	251.115	ug/l	97
52) Toluene	10.246	92	311864	49.825	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	199222	50.297	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	195781	47.920	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	102527	48.847	ug/l	92
56) Ethyl methacrylate	10.508	69	153420	51.182	ug/l	95
57) 1,3-Dichloropropane	10.788	76	172257	48.792	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	353035	251.427	ug/l	91
59) 2-Hexanone	10.831	43	482017	271.168	ug/l	97
60) Dibromochloromethane	10.984	129	142566	51.203	ug/l	99
61) 1,2-Dibromoethane	11.093	107	104448	49.980	ug/l	99
64) Tetrachloroethene	10.721	164	140885	48.742	ug/l	95
65) Chlorobenzene	11.520	112	338762	48.547	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	138474	49.263	ug/l	97
67) Ethyl Benzene	11.593	91	619074	49.821	ug/l	99
68) m/p-Xylenes	11.703	106	486845	100.312	ug/l	99
69) o-Xylene	12.032	106	231070	50.036	ug/l	99
70) Styrene	12.044	104	402435	50.844	ug/l	99
71) Bromoform	12.209	173	108214	52.090	ug/l	98
73) Isopropylbenzene	12.331	105	620464	47.993	ug/l	99
74) N-amyl acetate	12.142	43	195917	47.851	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	128090	46.361	ug/l	96
76) 1,2,3-Trichloropropane	12.636	75	194798	80.881	ug/l #	100
77) Bromobenzene	12.611	156	158625	47.189	ug/l	92
78) n-propylbenzene	12.672	91	742167	47.583	ug/l	98
79) 2-Chlorotoluene	12.758	91	423901	47.588	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	546689	48.883	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	51631	48.806	ug/l	91
82) 4-Chlorotoluene	12.855	91	447787	47.188	ug/l	97
83) tert-Butylbenzene	13.075	119	478249	49.882	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	544211	49.108	ug/l	99
85) sec-Butylbenzene	13.258	105	677777	48.884	ug/l	98
86) p-Isopropyltoluene	13.373	119	598071	49.821	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	314846	48.560	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	313966	48.168	ug/l	99
89) n-Butylbenzene	13.696	91	537761	49.029	ug/l	98
90) Hexachloroethane	13.965	117	107642	47.135	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	289849	48.969	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	31972	52.357	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	194091	50.472	ug/l	99
94) Hexachlorobutadiene	15.111	225	113652	49.201	ug/l	98
95) Naphthalene	15.239	128	436117	52.749	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	175314	50.068	ug/l	99

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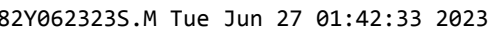
Instrument :
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ClientSampleId :
VSTDCCC050

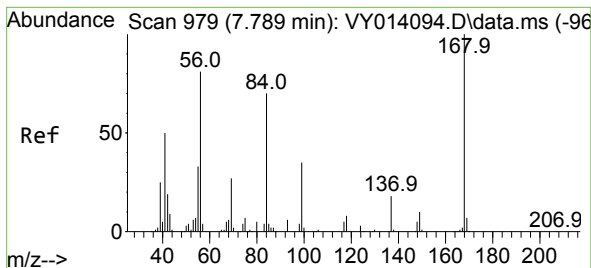
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Quant Title : SW846 8260
QLast Update : Fri Jun 23 17:18:46 2023
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY014421.D

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MSVOA_Y

ClientSampleId :

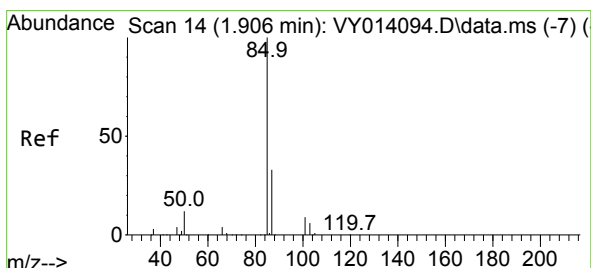
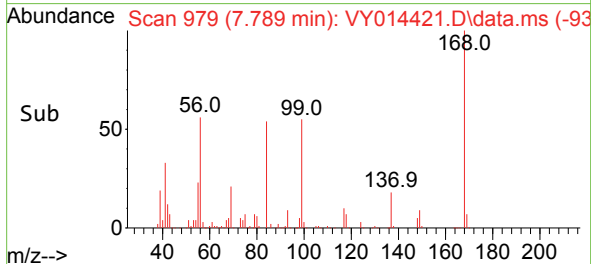
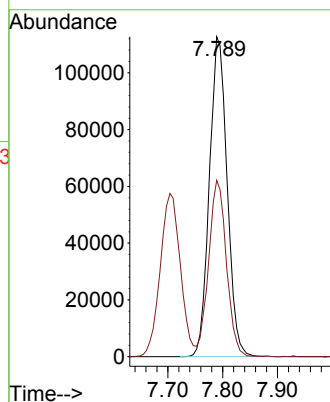
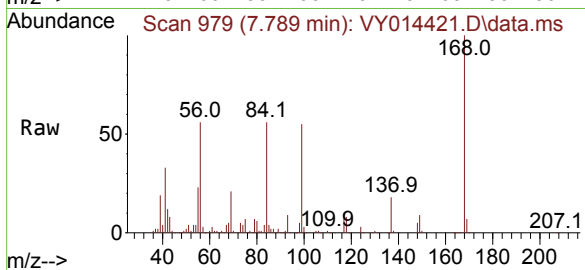
VSTDCCC050

Tgt Ion:168 Resp: 252583

Ion Ratio Lower Upper

168 100

99 55.1 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 45.294 ug/l

RT: 1.906 min Scan# 14

Delta R.T. -0.000 min

Lab File: VY014421.D

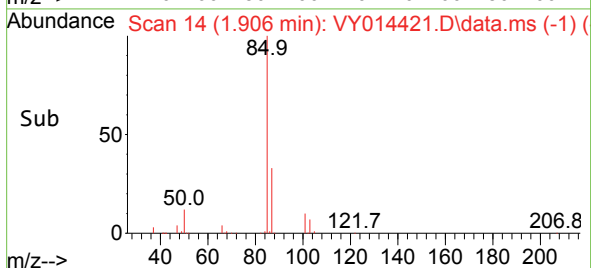
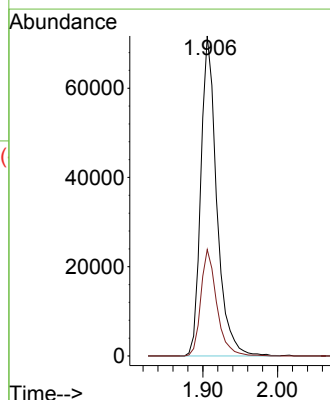
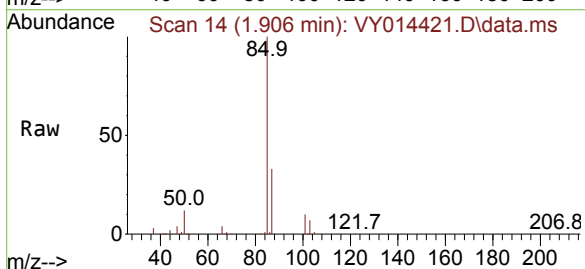
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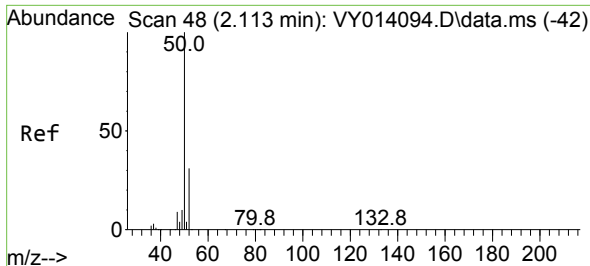
Tgt Ion: 85 Resp: 106197

Ion Ratio Lower Upper

85 100

87 33.2 15.6 46.8

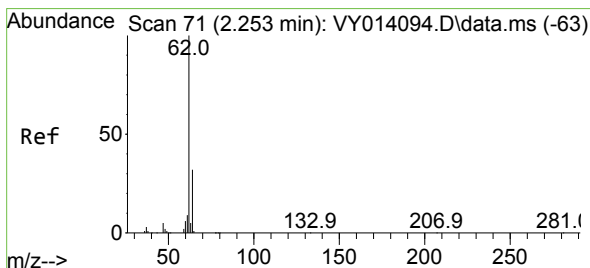
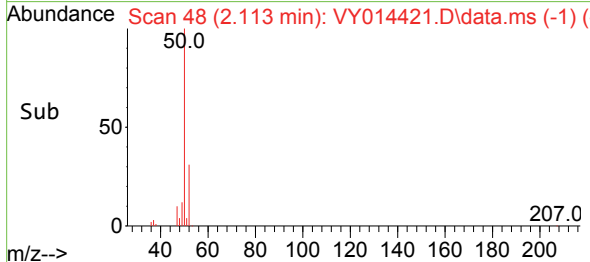
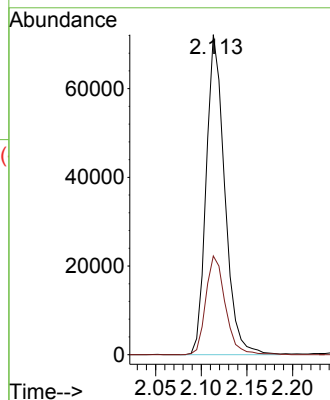
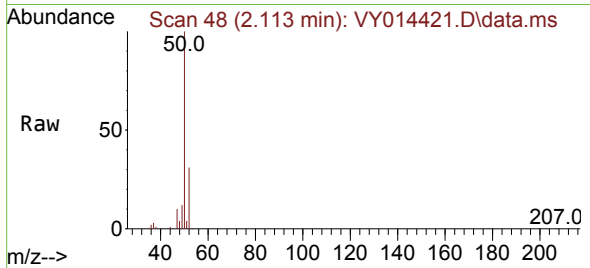




#3
Chloromethane
Concen: 44.203 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

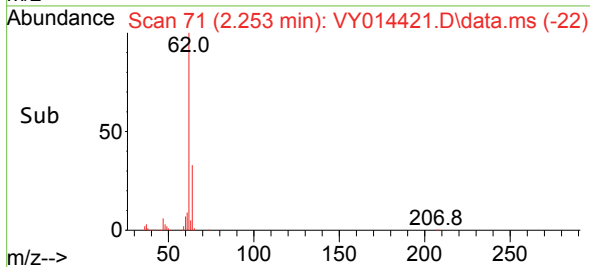
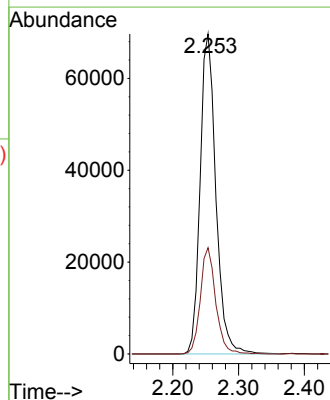
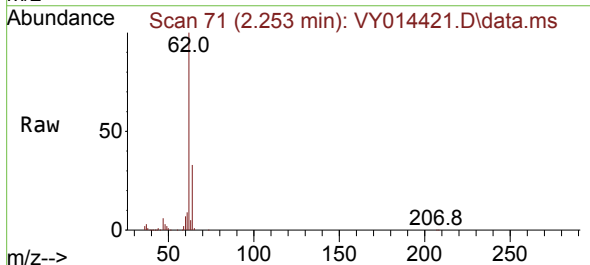
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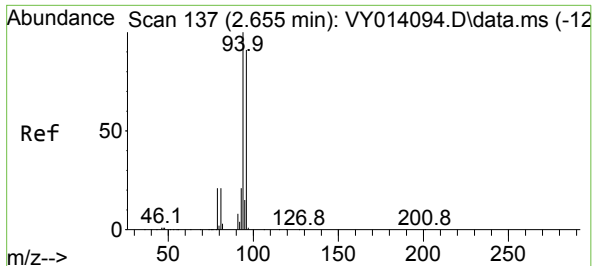
Tgt Ion: 50 Resp: 101422
Ion Ratio Lower Upper
50 100
52 30.9 25.4 38.2



#4
Vinyl Chloride
Concen: 46.280 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

Tgt Ion: 62 Resp: 115733
Ion Ratio Lower Upper
62 100
64 33.2 24.3 36.5

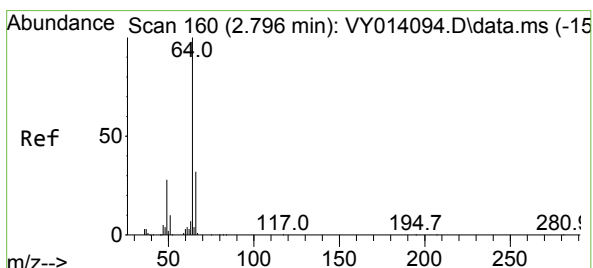
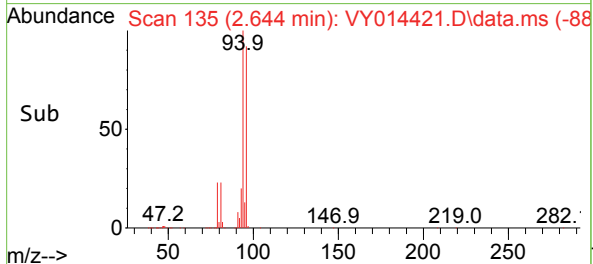
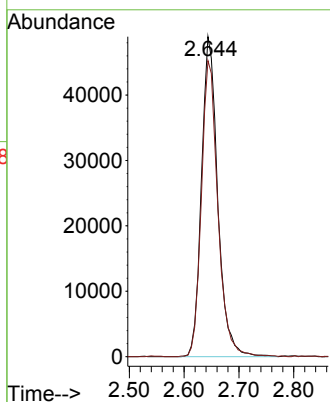
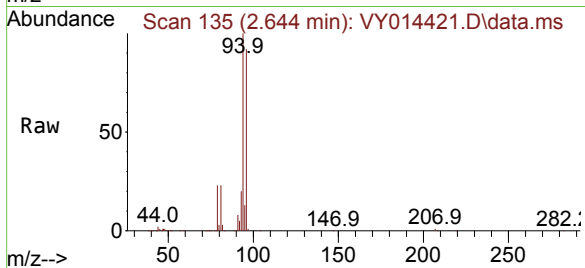




#5
Bromomethane
Concen: 45.775 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.011 min
Lab File: VY014421.D
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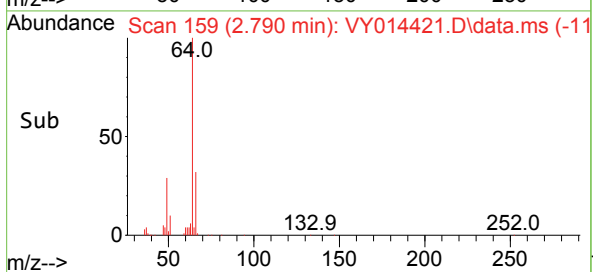
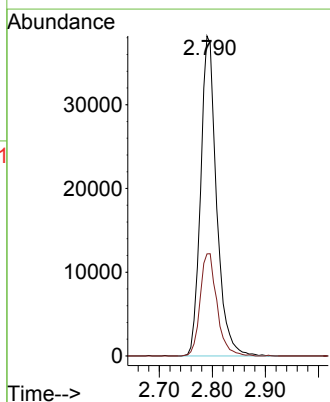
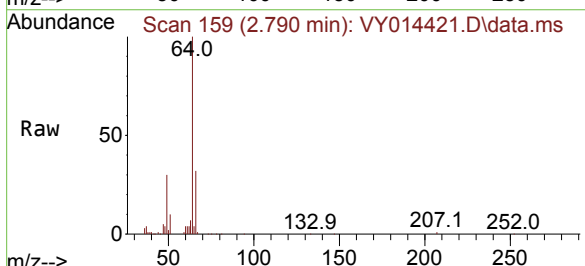
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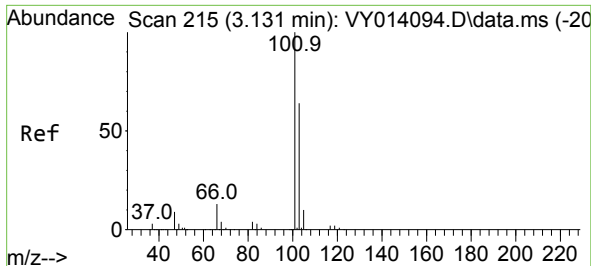
Tgt Ion: 94 Resp: 100578
Ion Ratio Lower Upper
94 100
96 92.5 75.8 113.6



#6
Chloroethane
Concen: 48.051 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

Tgt Ion: 64 Resp: 79595
Ion Ratio Lower Upper
64 100
66 31.9 24.4 36.6

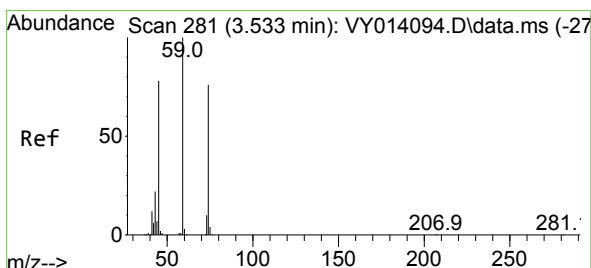
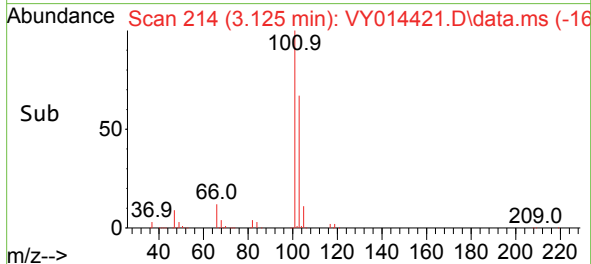
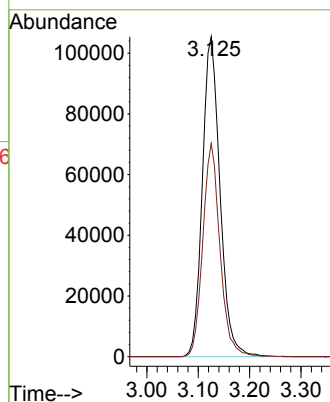
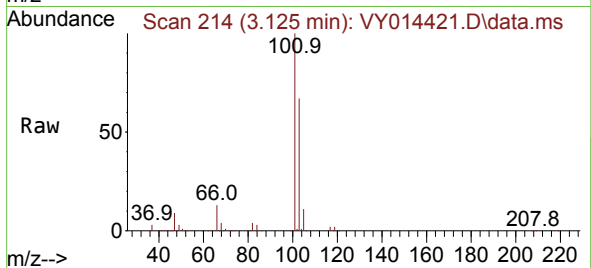




#7
Trichlorofluoromethane
Concen: 50.902 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

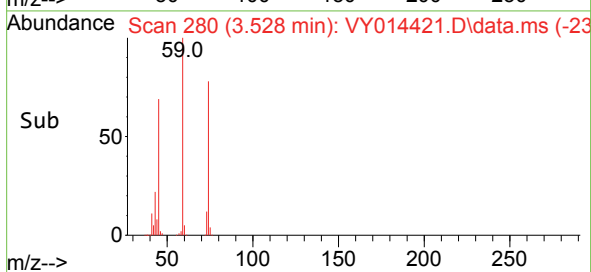
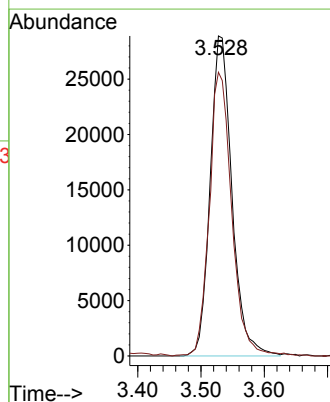
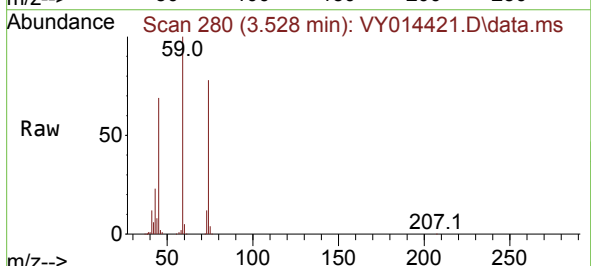
Instrument :
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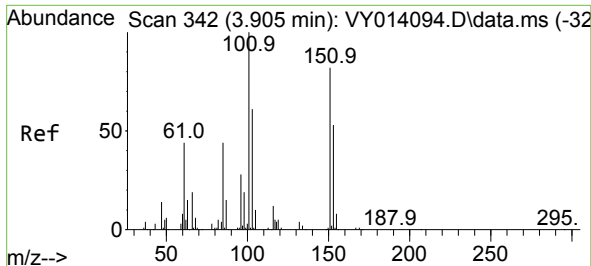
Tgt Ion:101 Resp: 251322
Ion Ratio Lower Upper
101 100
103 66.7 51.4 77.0



#8
Diethyl Ether
Concen: 45.953 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.005 min
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Tgt Ion: 74 Resp: 69174
Ion Ratio Lower Upper
74 100
45 91.4 51.5 154.5

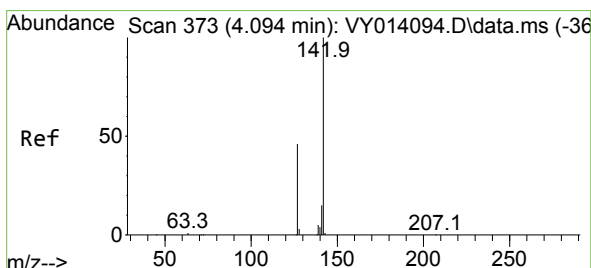
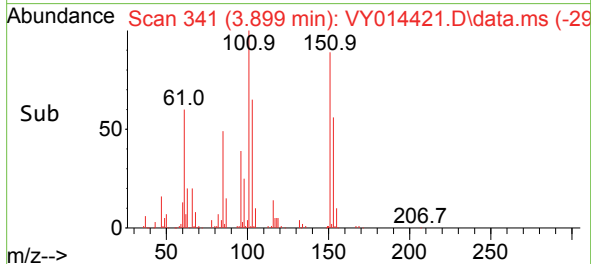
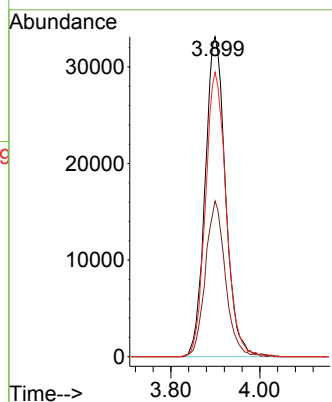
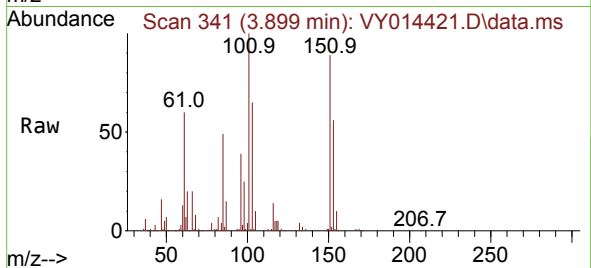




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.345 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

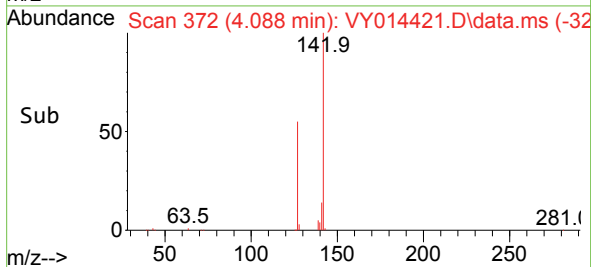
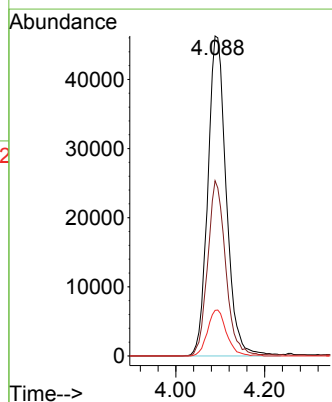
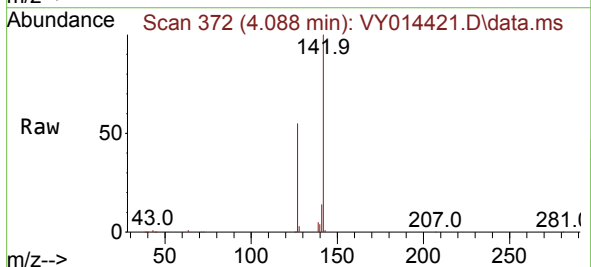
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

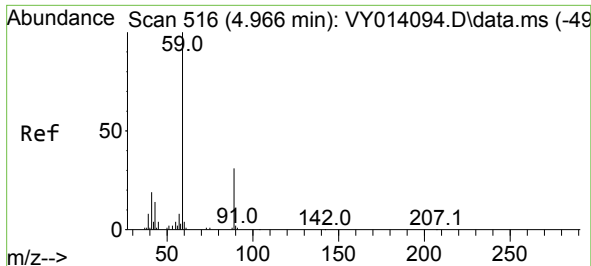
Tgt Ion:101 Resp: 105812
Ion Ratio Lower Upper
101 100
85 47.6 36.6 55.0
151 90.4 67.0 100.6



#10
Methyl Iodide
Concen: 43.698 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

Tgt Ion:142 Resp: 133573
Ion Ratio Lower Upper
142 100
127 53.4 37.6 56.4
141 14.7 11.8 17.8

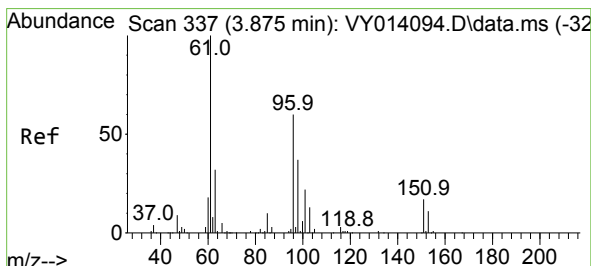
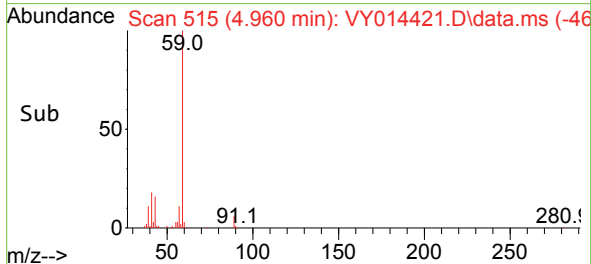
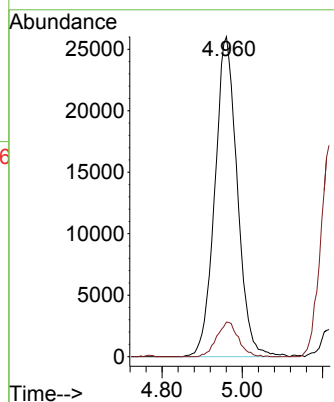
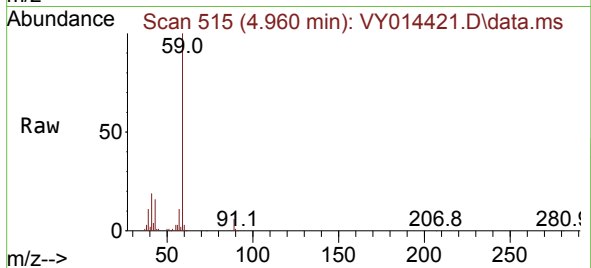




#11
Tert butyl alcohol
Concen: 253.233 ug/l
RT: 4.960 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

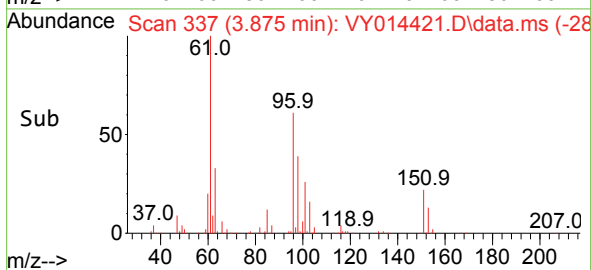
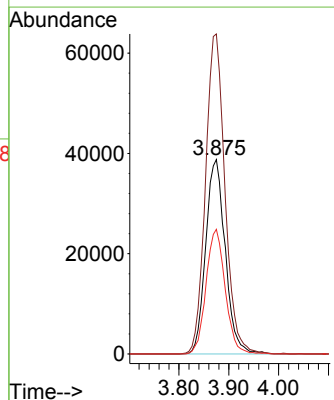
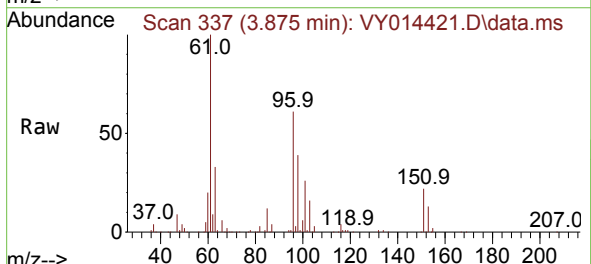
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

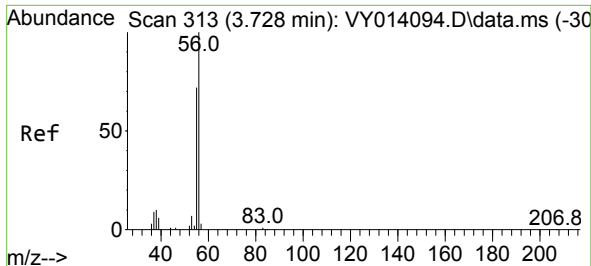
Tgt Ion: 59 Resp: 100863
Ion Ratio Lower Upper
59 100
57 10.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 45.408 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

Tgt Ion: 96 Resp: 105661
Ion Ratio Lower Upper
96 100
61 164.5 136.4 204.6
98 64.1 49.4 74.2





#13

Acrolein

Concen: 236.251 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.007 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

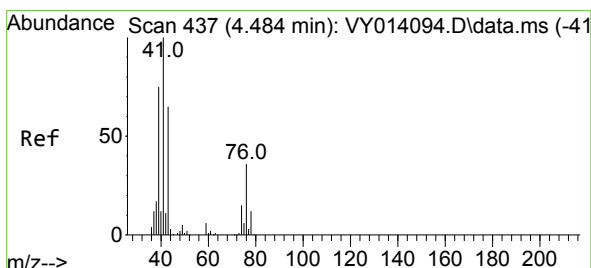
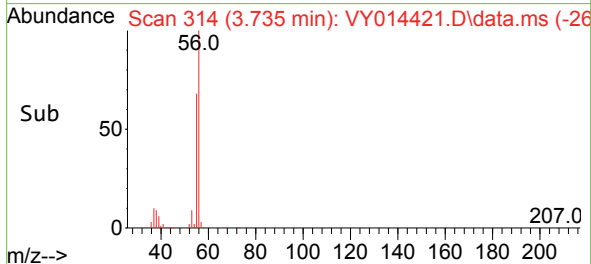
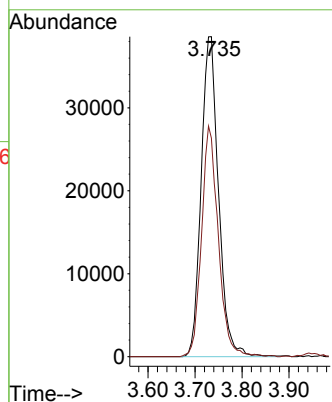
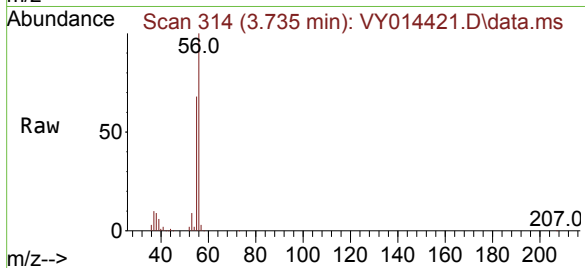
VSTDCCC050

Tgt Ion: 56 Resp: 98927

Ion Ratio Lower Upper

56 100

55 69.7 57.0 85.4



#14

Allyl chloride

Concen: 43.170 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.005 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

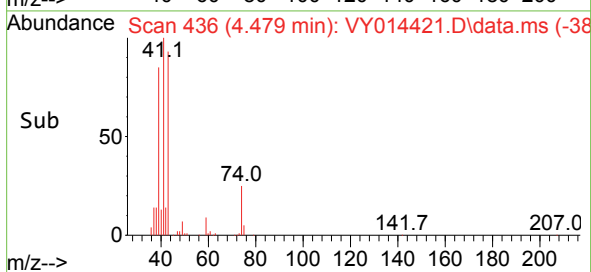
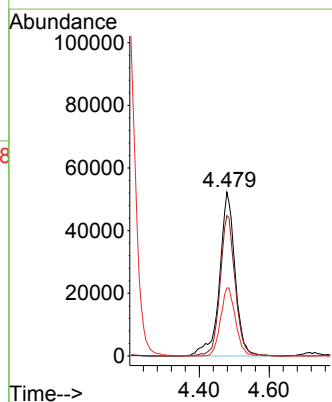
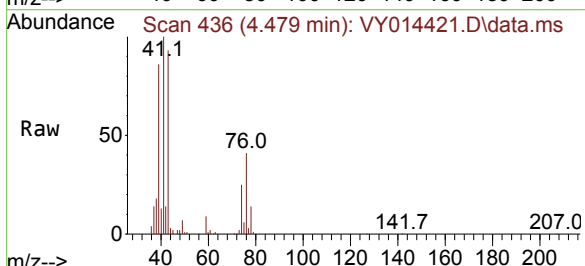
Tgt Ion: 41 Resp: 160433

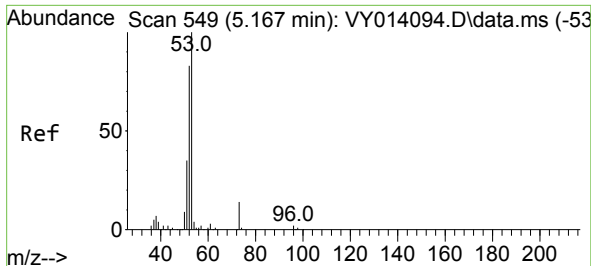
Ion Ratio Lower Upper

41 100

39 83.3 58.0 87.0

76 40.0 27.4 41.2

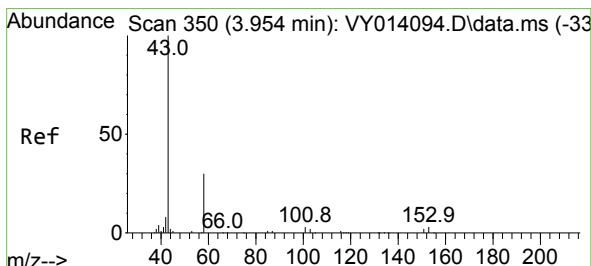
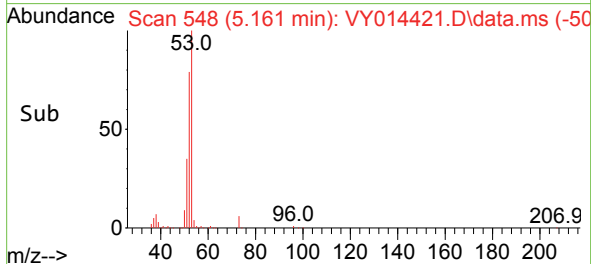
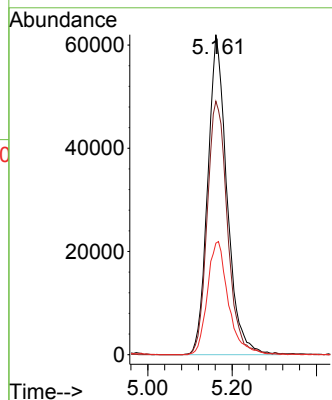
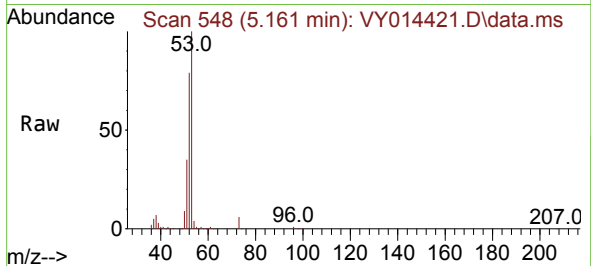




#15
Acrylonitrile
Concen: 233.992 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

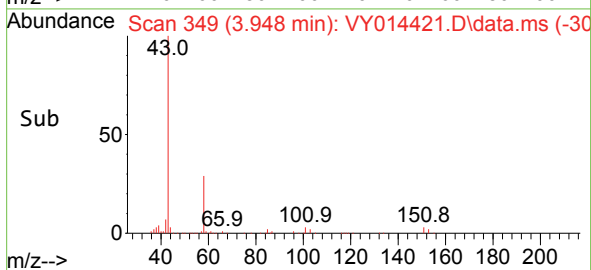
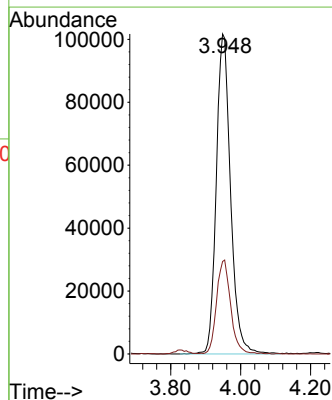
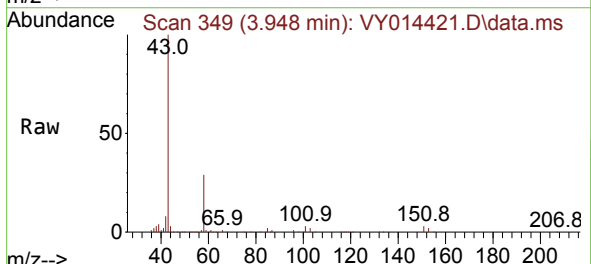
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

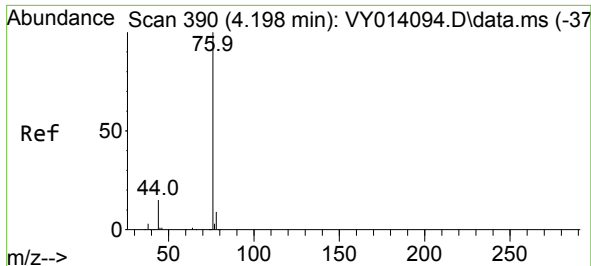
Tgt Ion: 53 Resp: 196960
Ion Ratio Lower Upper
53 100
52 83.1 66.9 100.3
51 38.5 29.8 44.6



#16
Acetone
Concen: 291.930 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

Tgt Ion: 43 Resp: 288078
Ion Ratio Lower Upper
43 100
58 28.8 22.7 34.1

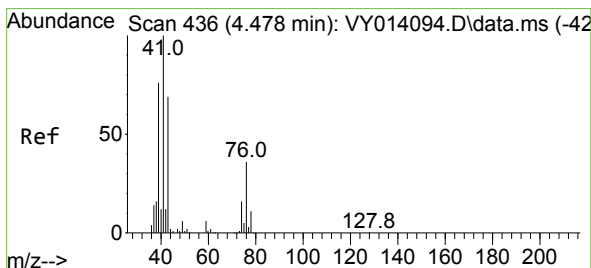
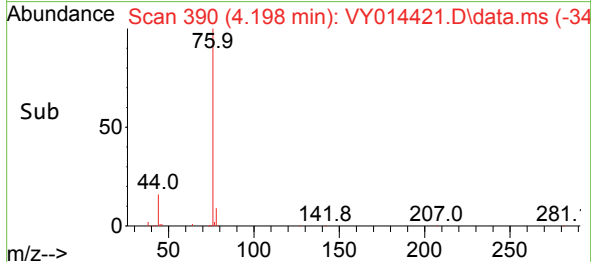
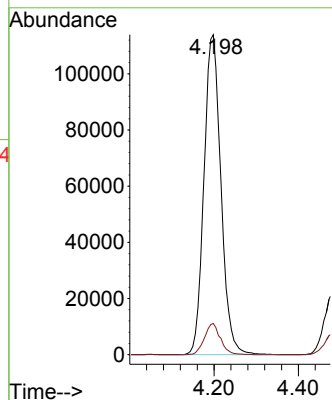
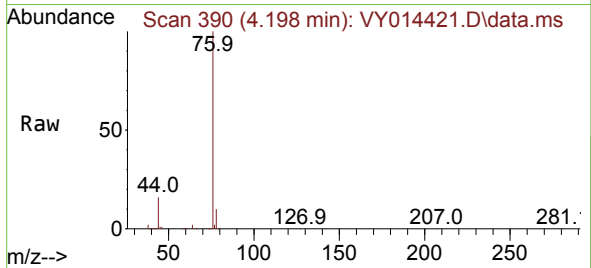




#17
Carbon Disulfide
Concen: 44.320 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

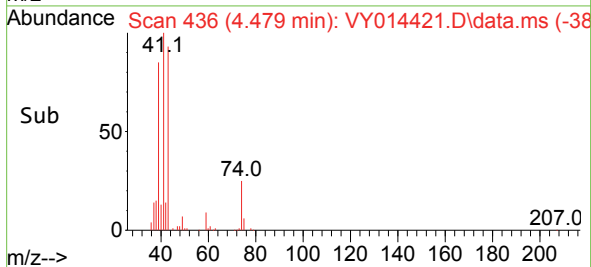
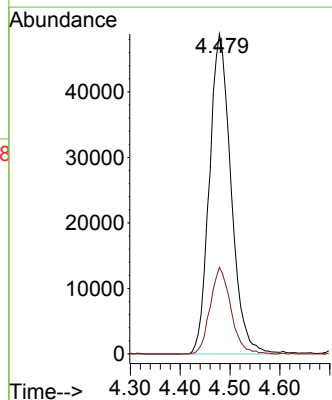
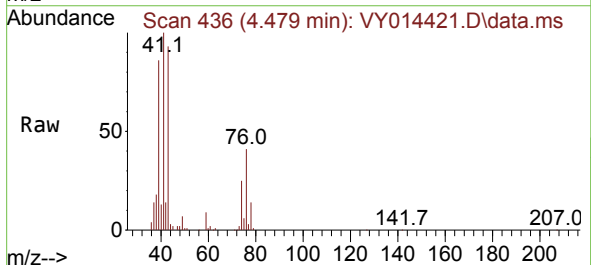
Instrument :
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ClientSampleId :
VSTDCCC050

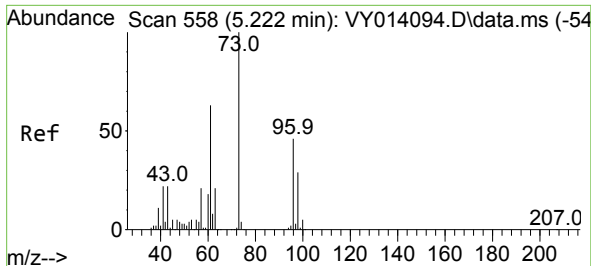
Tgt Ion: 76 Resp: 319142
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.4



#18
Methyl Acetate
Concen: 43.437 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

Tgt Ion: 43 Resp: 147357
Ion Ratio Lower Upper
43 100
74 25.8 17.4 26.0

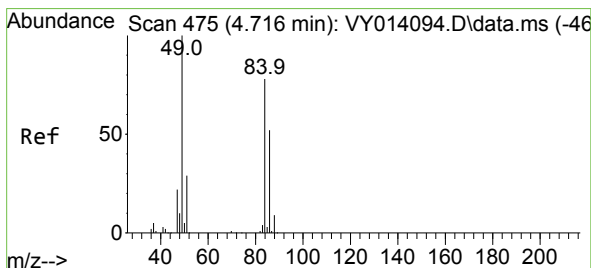
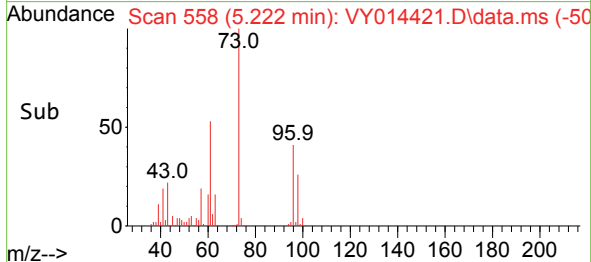
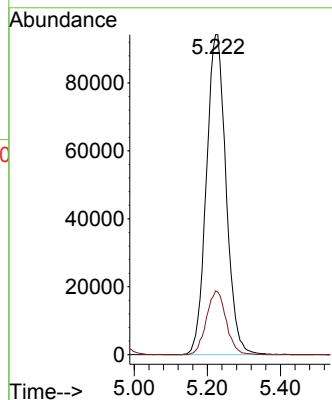
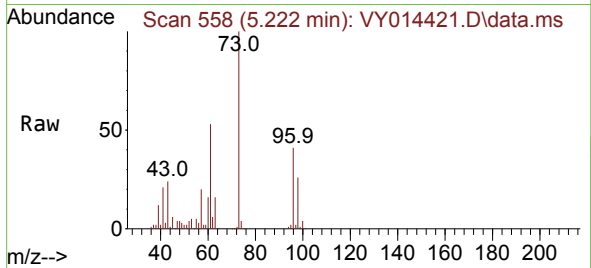




#19
Methyl tert-butyl Ether
Concen: 49.128 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

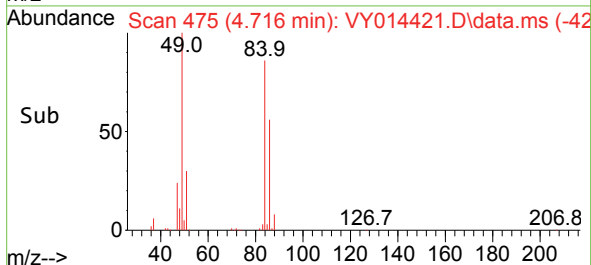
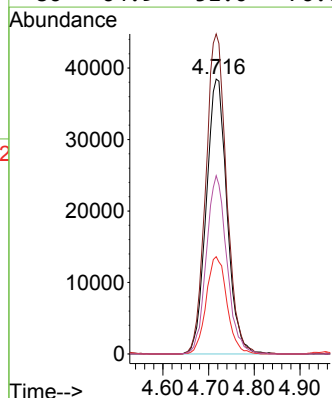
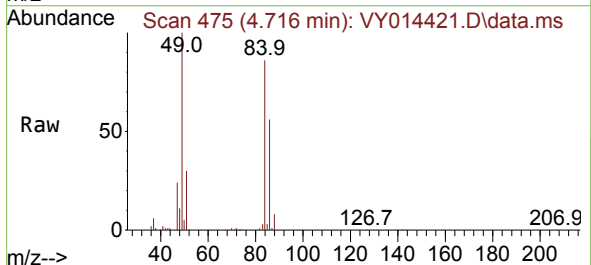
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

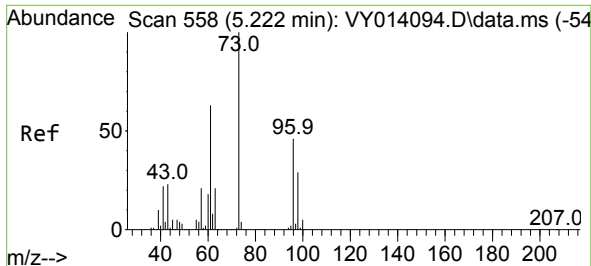
Tgt Ion: 73 Resp: 351612
Ion Ratio Lower Upper
73 100
57 19.9 17.3 25.9



#20
Methylene Chloride
Concen: 41.696 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

Tgt Ion: 84 Resp: 121459
Ion Ratio Lower Upper
84 100
49 116.4 106.9 160.3
51 35.4 33.2 49.8
86 64.9 51.0 76.6

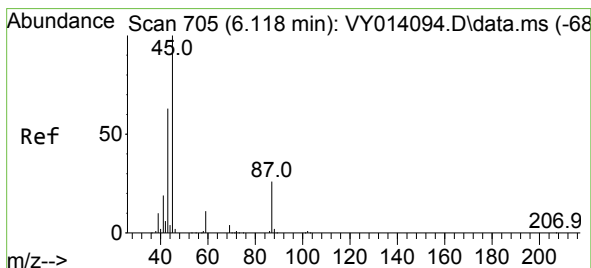
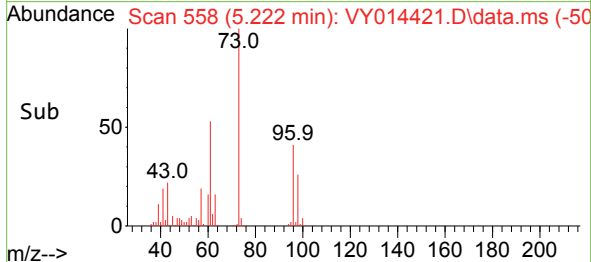
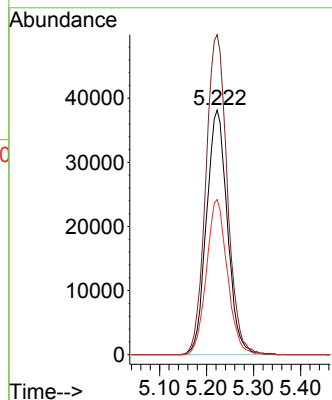
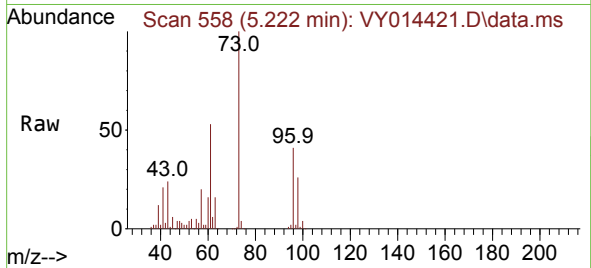




#21
trans-1,2-Dichloroethene
Concen: 46.179 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

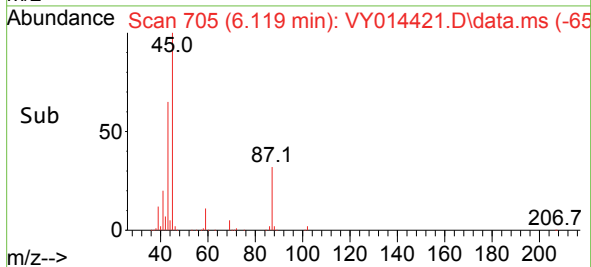
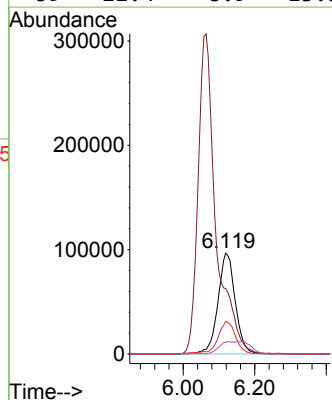
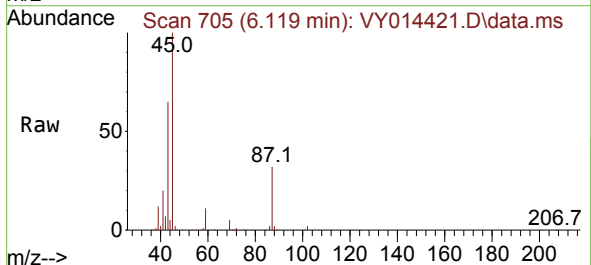
Instrument :
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ClientSampleId :
VSTDCCC050

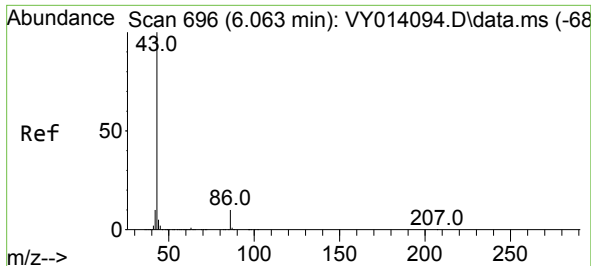
Tgt Ion: 96 Resp: 118151
Ion Ratio Lower Upper
96 100
61 130.8 110.2 165.4
98 63.4 51.8 77.6



#22
Diisopropyl ether
Concen: 43.799 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

Tgt Ion: 45 Resp: 323469
Ion Ratio Lower Upper
45 100
43 64.7 52.2 78.4
87 32.2 21.0 31.6#
59 11.4 8.9 13.3

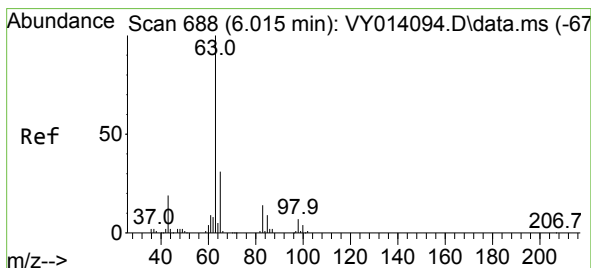
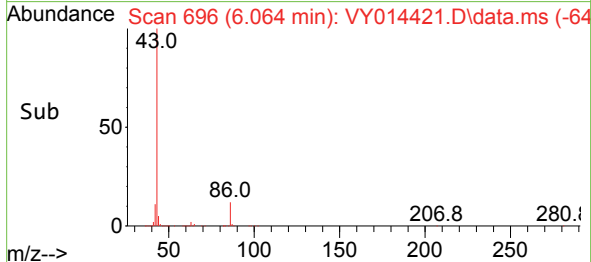
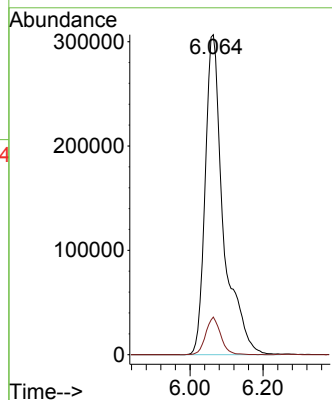
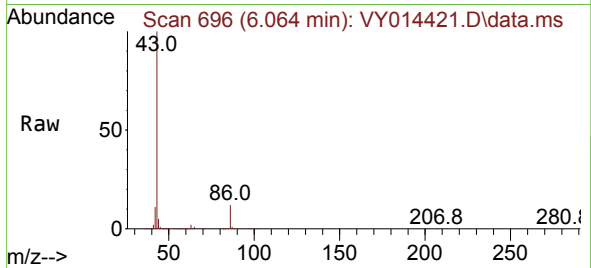




#23
 Vinyl Acetate
 Concen: 280.931 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: VY014421.D
 Acq: 26 Jun 2023 09:36

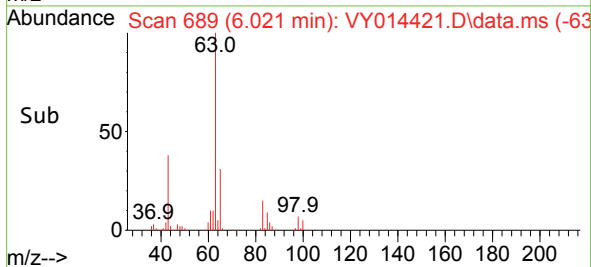
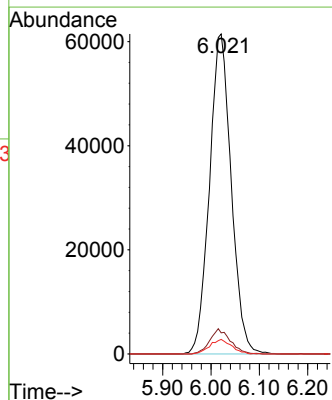
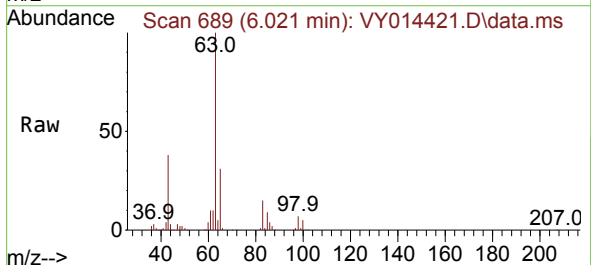
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 ClientSampleId :
 VSTDCCC050

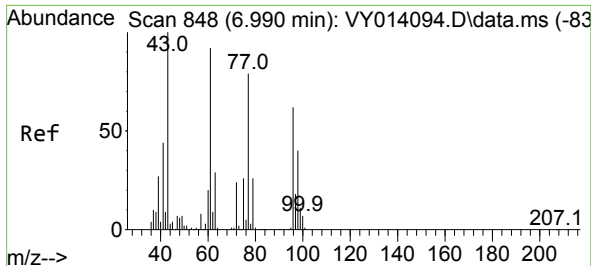
Tgt Ion: 43 Resp: 1059307
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 43.772 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY014421.D
 Acq: 26 Jun 2023 09:36

Tgt Ion: 63 Resp: 191964
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.4
 100 4.5 1.8 5.5

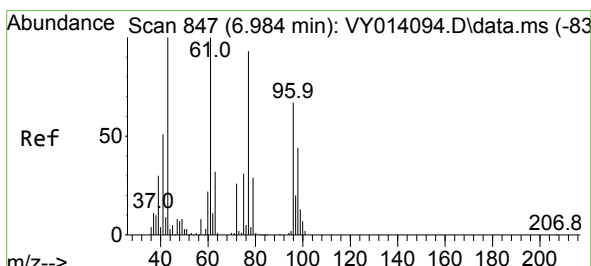
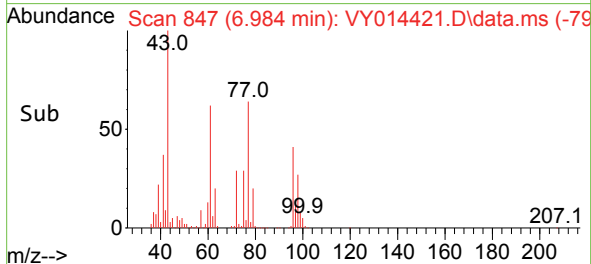
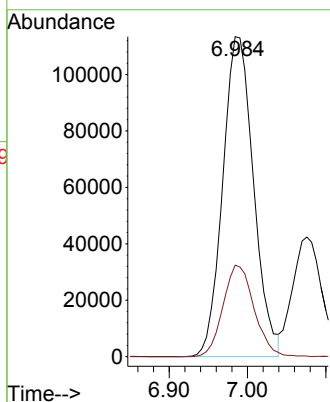
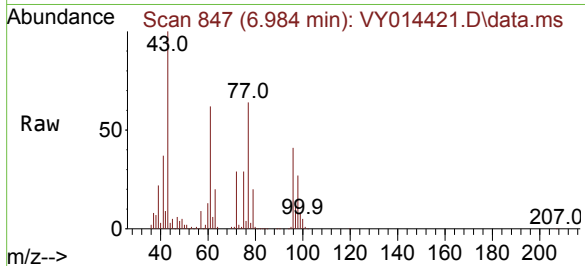




#25
2-Butanone
Concen: 252.371 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

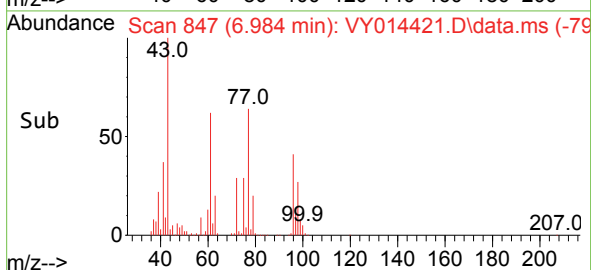
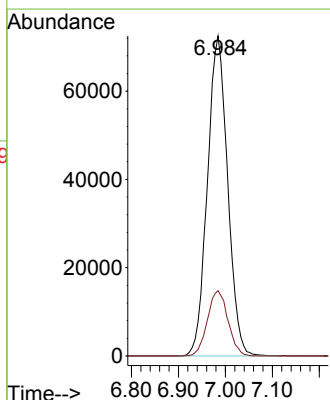
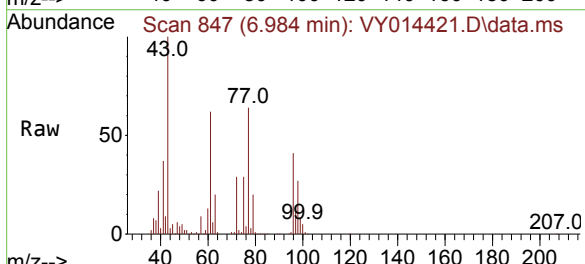
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

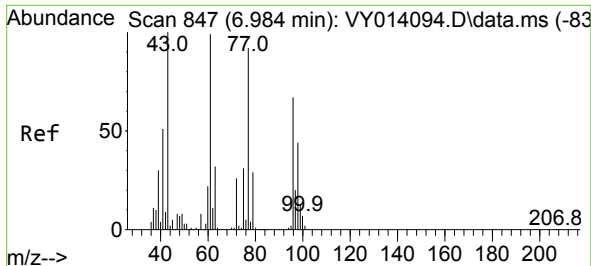
Tgt Ion: 43 Resp: 310188
Ion Ratio Lower Upper
43 100
72 28.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 46.719 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

Tgt Ion: 77 Resp: 216644
Ion Ratio Lower Upper
77 100
97 20.7 10.9 32.9

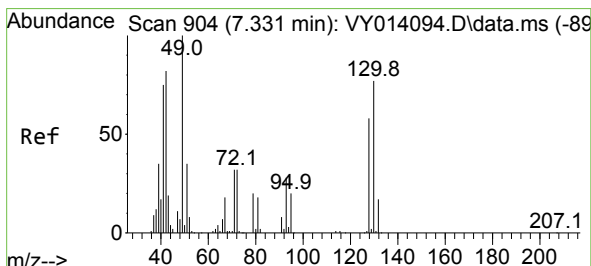
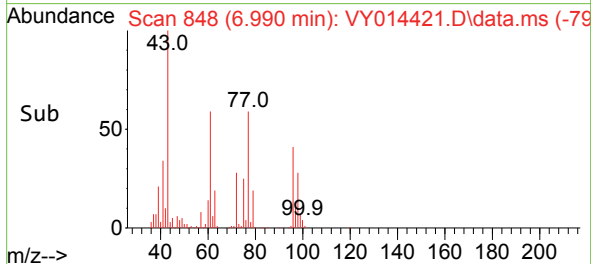
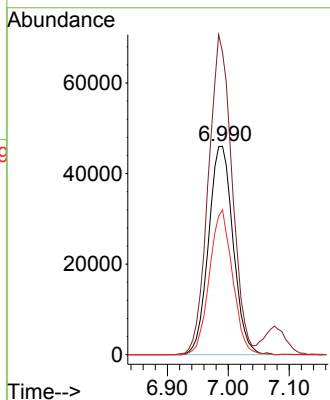
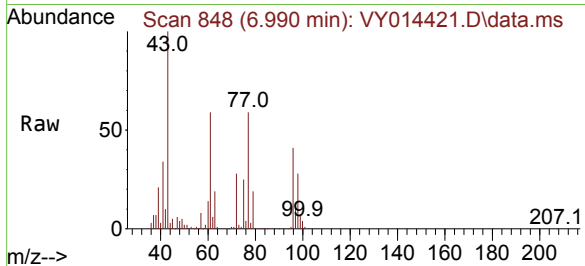




#27
 cis-1,2-Dichloroethene
 Concen: 44.897 ug/l
 RT: 6.990 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VY014421.D
 Acq: 26 Jun 2023 09:36

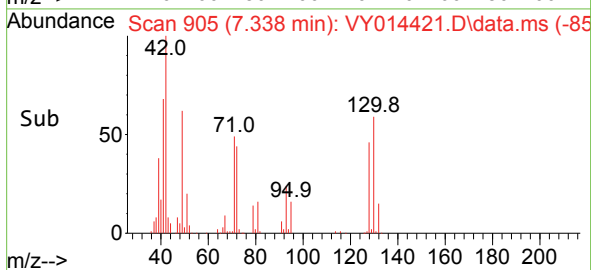
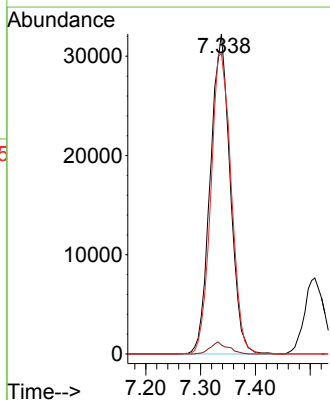
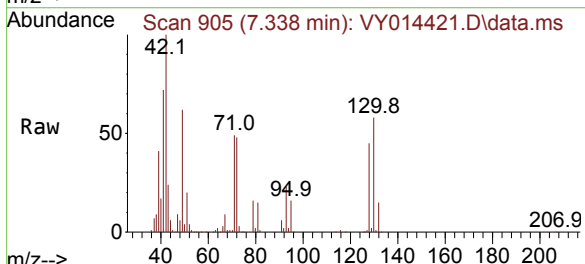
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

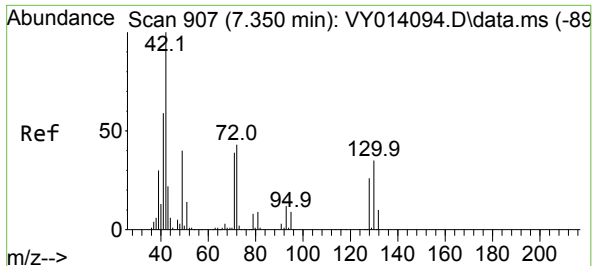
Tgt Ion: 96 Resp: 129310
 Ion Ratio Lower Upper
 96 100
 61 147.3 0.0 301.4
 98 65.3 0.0 130.4



#28
 Bromochloromethane
 Concen: 42.307 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.007 min
 Lab File: VY014421.D
 Acq: 26 Jun 2023 09:36

Tgt Ion: 49 Resp: 80916
 Ion Ratio Lower Upper
 49 100
 129 3.4 0.0 4.6
 130 96.7 60.7 91.1#





#29

Tetrahydrofuran

Concen: 234.673 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

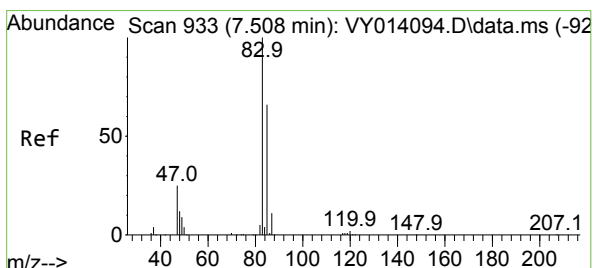
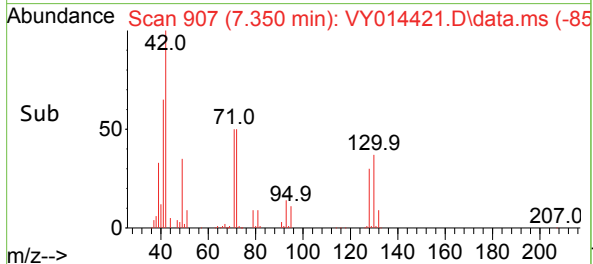
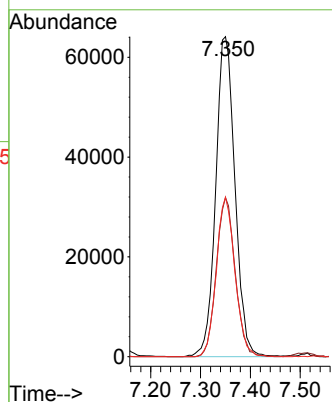
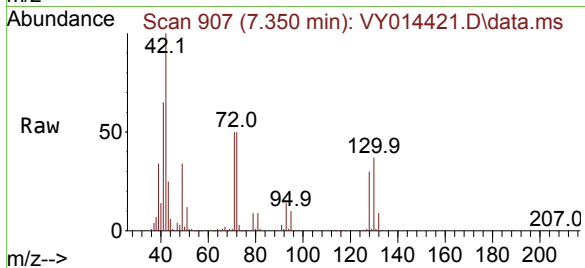
Tgt Ion: 42 Resp: 171988

Ion Ratio Lower Upper

42 100

72 48.7 32.8 49.2

71 48.3 31.0 46.4#



#30

Chloroform

Concen: 46.422 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.001 min

Lab File: VY014421.D

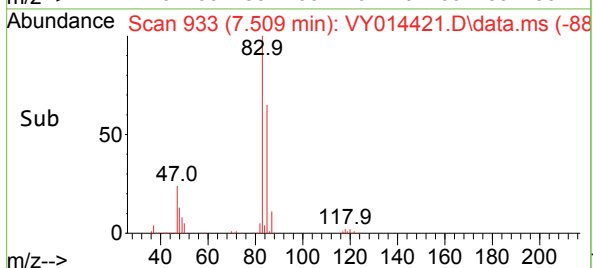
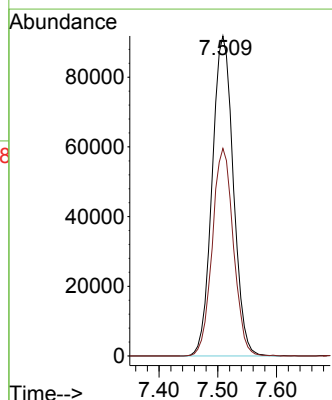
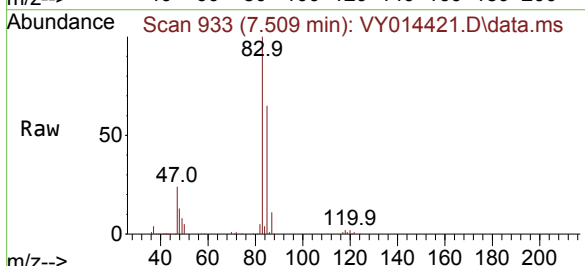
Acq: 26 Jun 2023 09:36

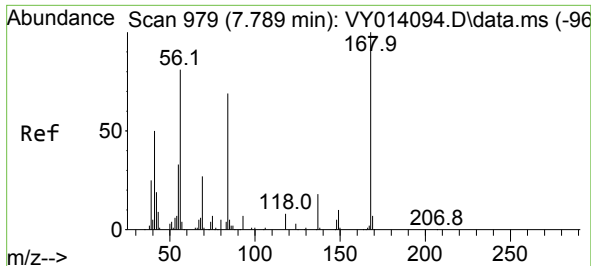
Tgt Ion: 83 Resp: 229656

Ion Ratio Lower Upper

83 100

85 64.8 49.7 74.5

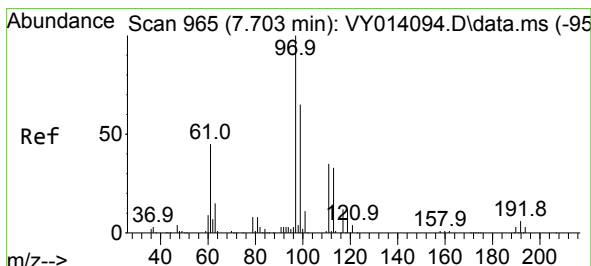
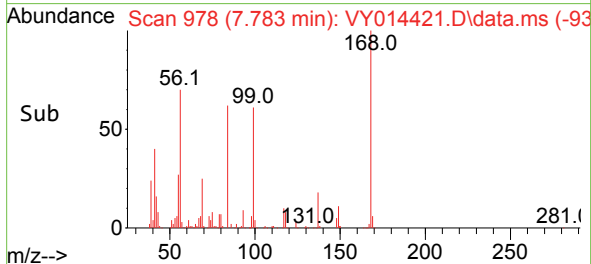
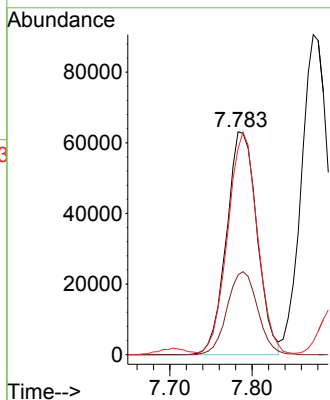
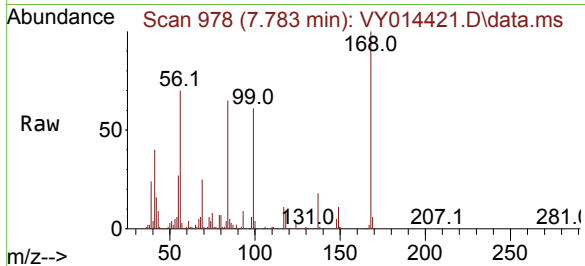




#31
Cyclohexane
Concen: 41.943 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

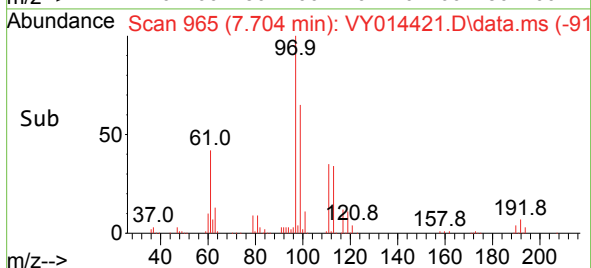
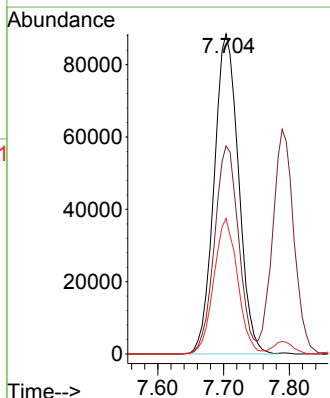
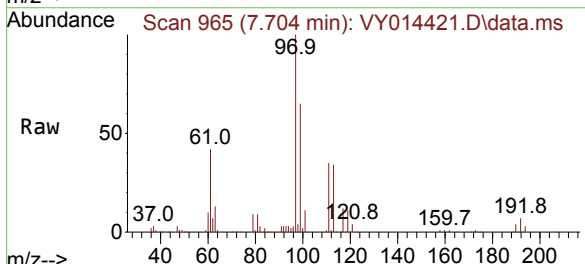
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

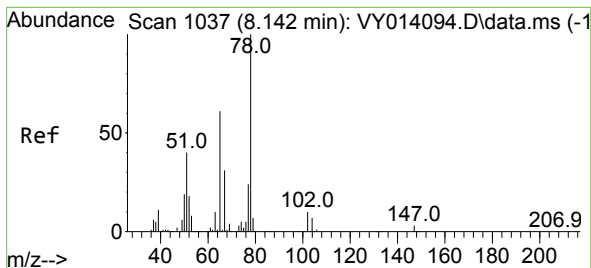
Tgt Ion: 56 Resp: 162471
Ion Ratio Lower Upper
56 100
69 35.7 27.8 41.6
84 89.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 48.641 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.001 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

Tgt Ion: 97 Resp: 229052
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 41.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.052 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

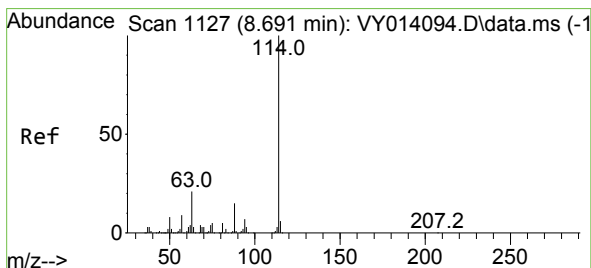
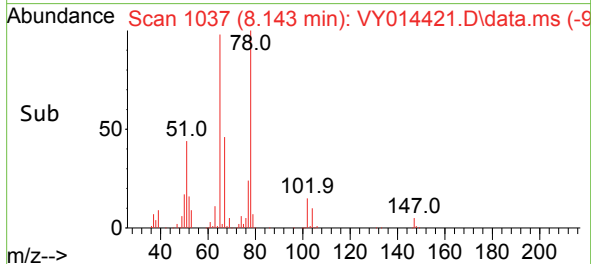
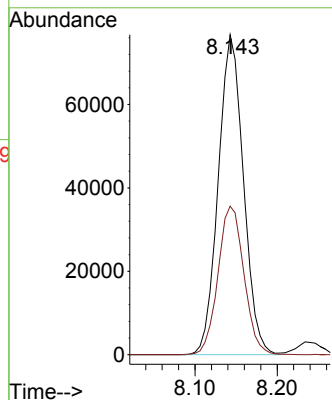
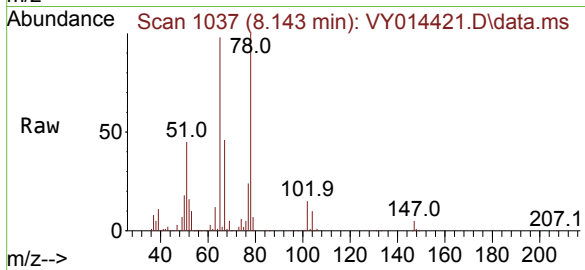
VSTDCCC050

Tgt Ion: 65 Resp: 163238

Ion Ratio Lower Upper

65 100

67 47.8 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: VY014421.D

Acq: 26 Jun 2023 09:36

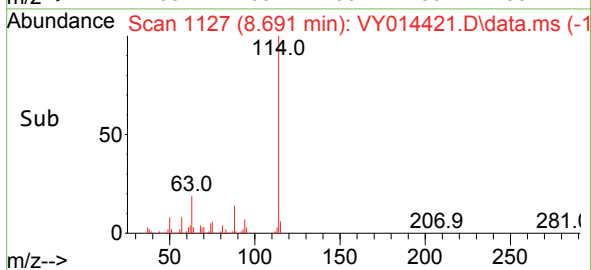
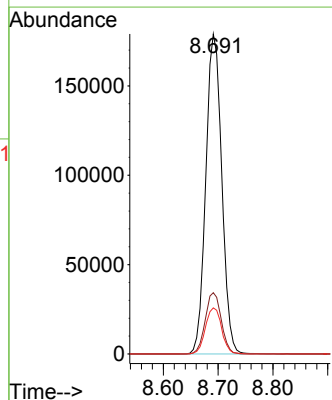
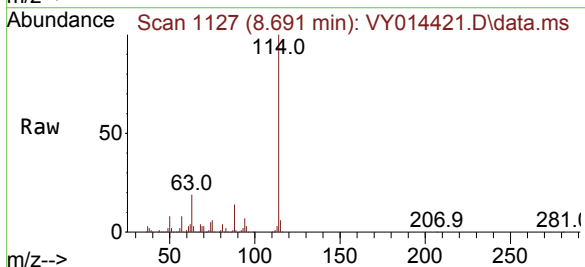
Tgt Ion: 114 Resp: 360762

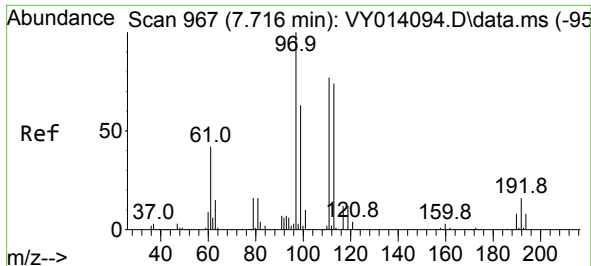
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 14.4 0.0 30.6

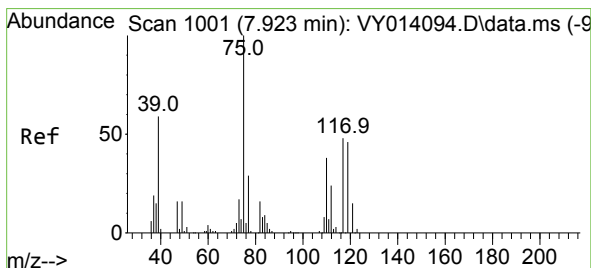
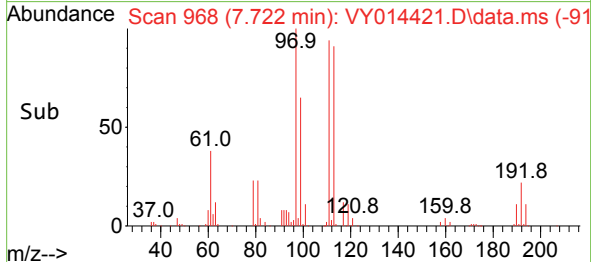
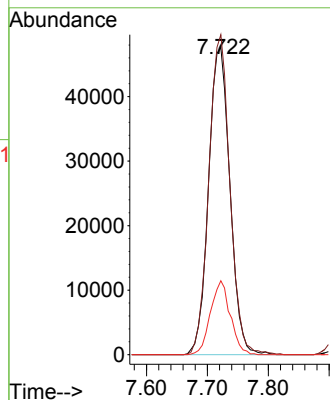
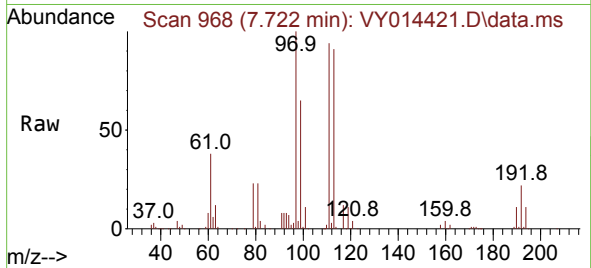




#35
Dibromofluoromethane
Concen: 52.251 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

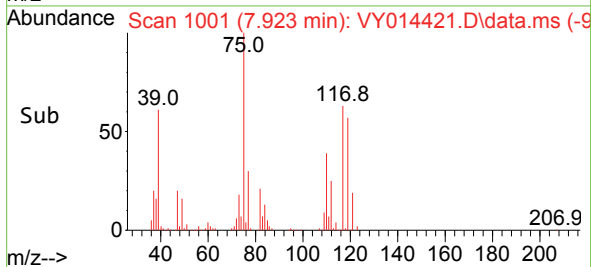
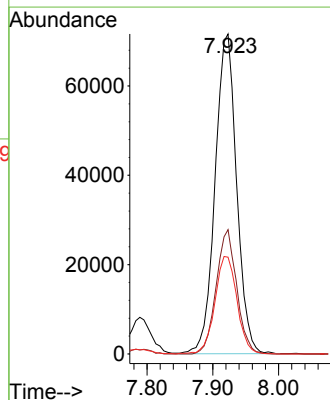
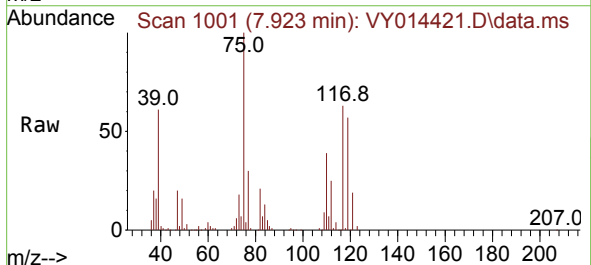
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

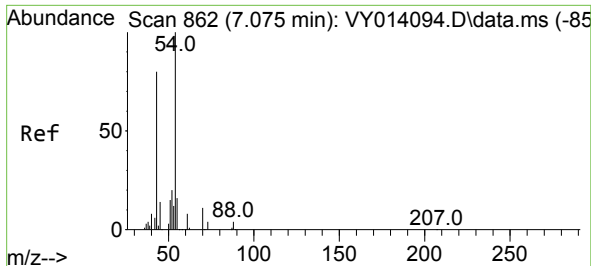
Tgt Ion:113 Resp: 116460
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 22.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 47.538 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

Tgt Ion: 75 Resp: 163279
Ion Ratio Lower Upper
75 100
110 37.0 17.8 53.5
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 48.246 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.001 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

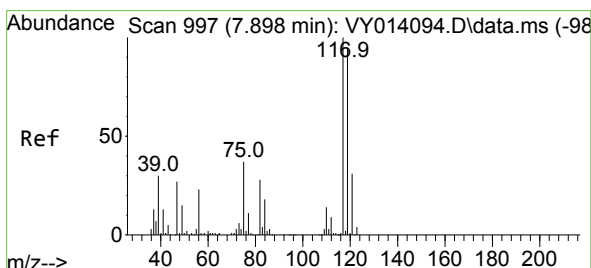
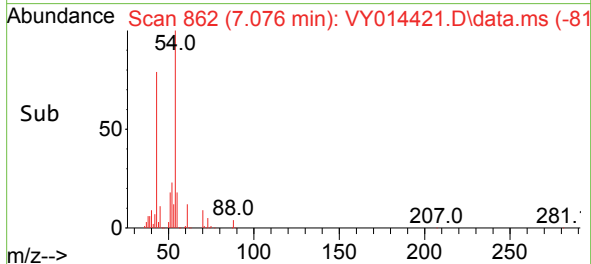
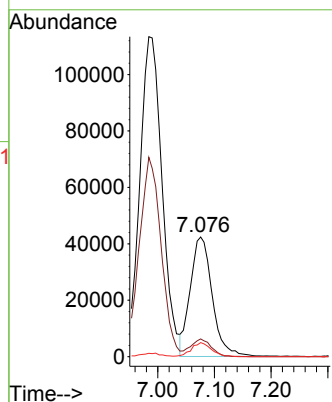
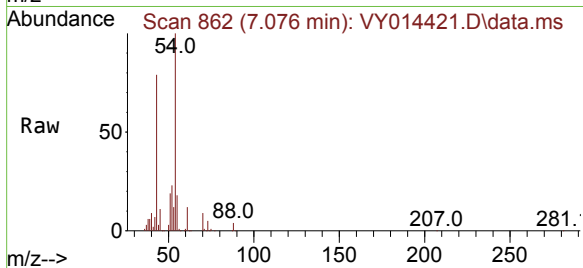
Tgt Ion: 43 Resp: 114201

Ion Ratio Lower Upper

43 100

61 13.7 10.1 15.1

70 10.7 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 51.644 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.007 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

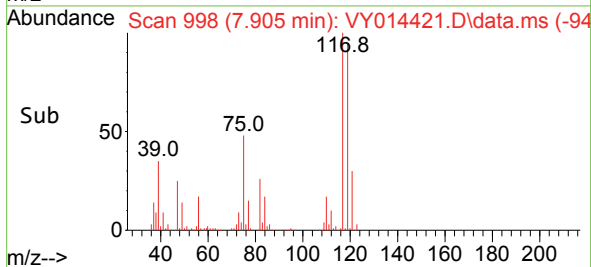
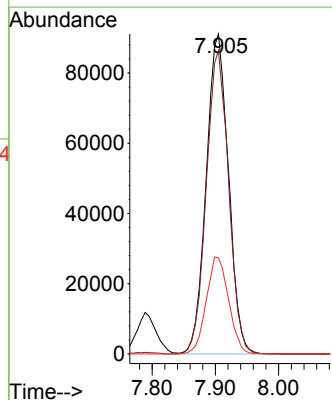
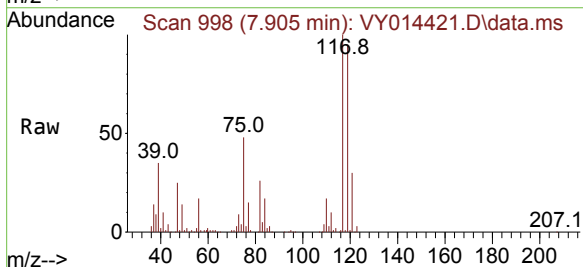
Tgt Ion: 117 Resp: 223217

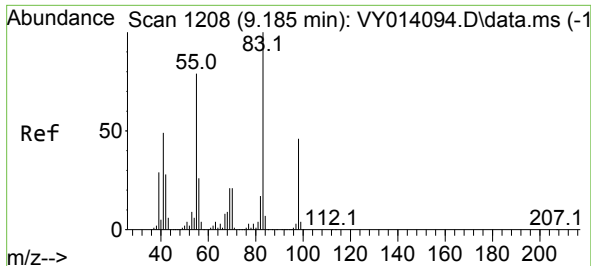
Ion Ratio Lower Upper

117 100

119 94.7 76.4 114.6

121 30.0 25.8 38.6





#39

Methylcyclohexane

Concen: 48.318 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

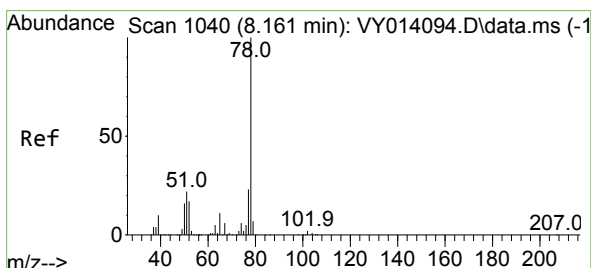
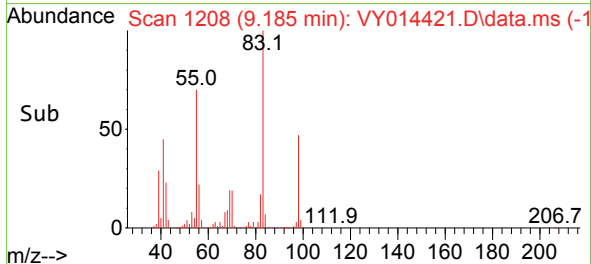
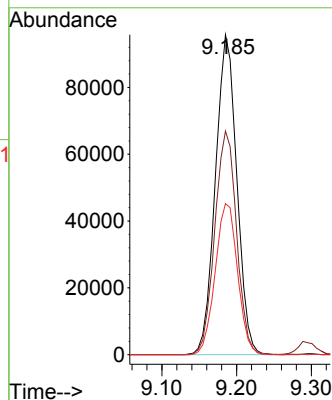
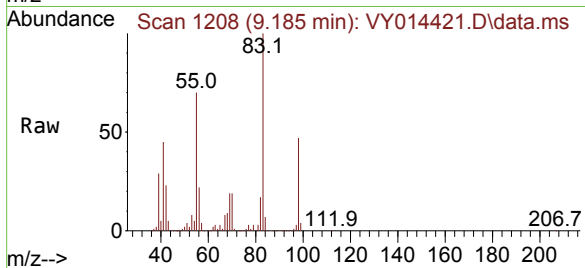
Tgt Ion: 83 Resp: 190934

Ion Ratio Lower Upper

83 100

55 69.9 63.0 94.4

98 47.2 37.4 56.2



#40

Benzene

Concen: 47.307 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY014421.D

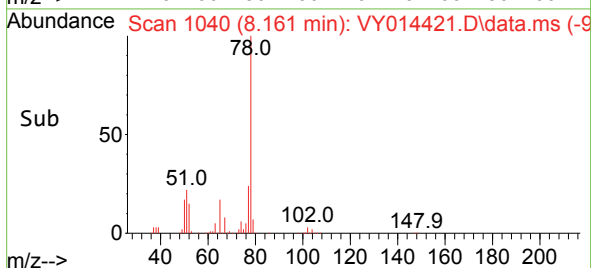
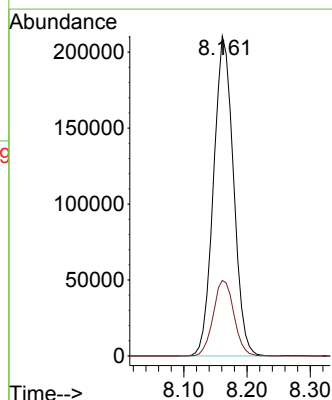
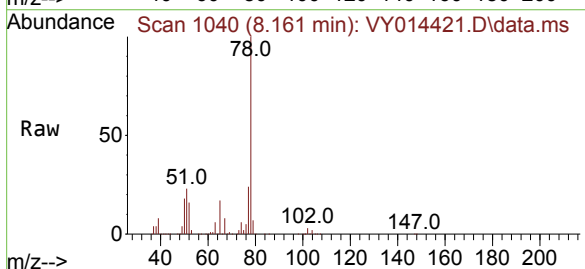
Acq: 26 Jun 2023 09:36

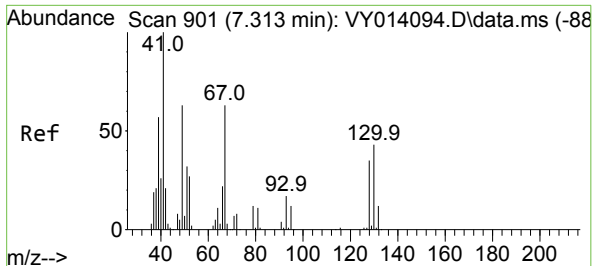
Tgt Ion: 78 Resp: 460205

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

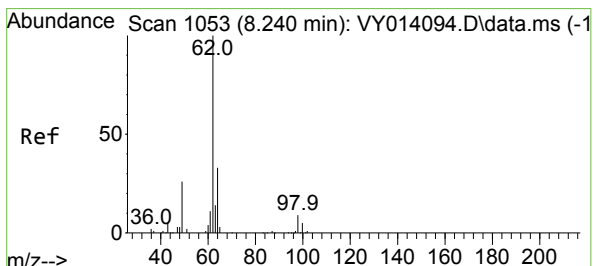
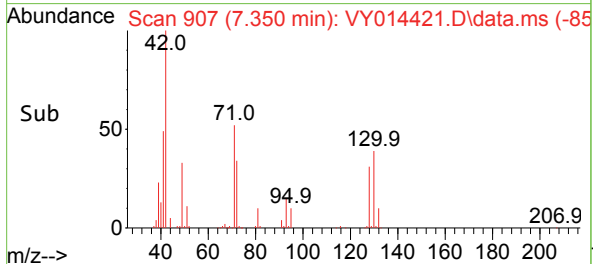
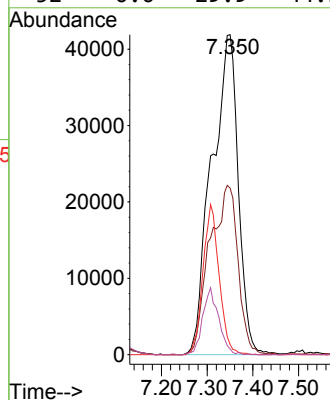
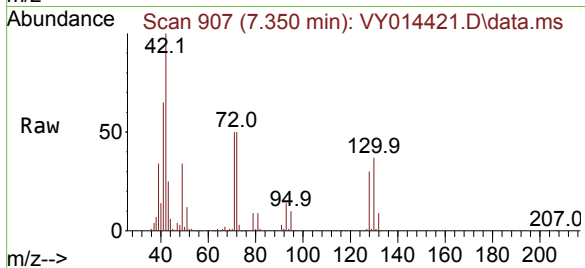




#41
Methacrylonitrile
Concen: 144.357 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.037 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

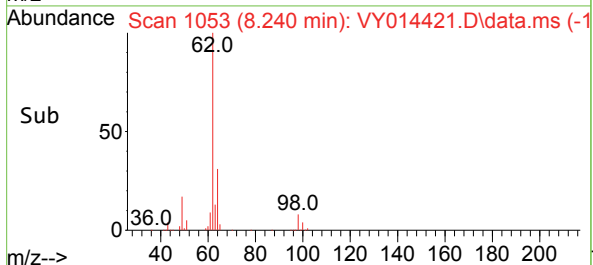
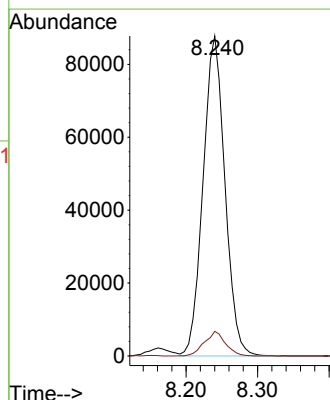
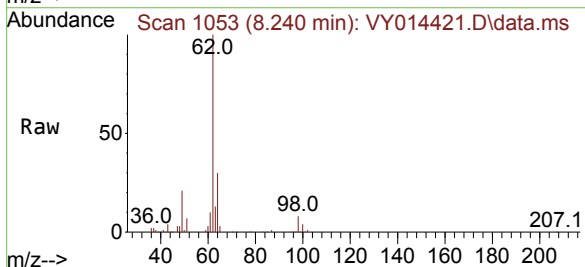
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

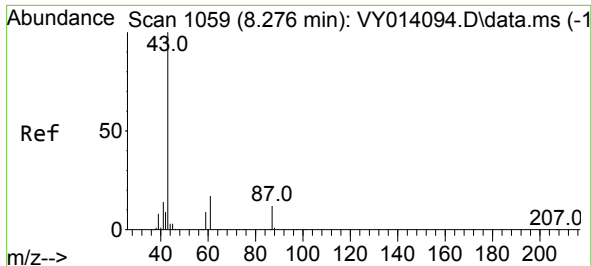
Tgt Ion: 41 Resp: 169343
Ion Ratio Lower Upper
41 100
39 55.9 52.1 78.1
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 50.550 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

Tgt Ion: 62 Resp: 186444
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.8

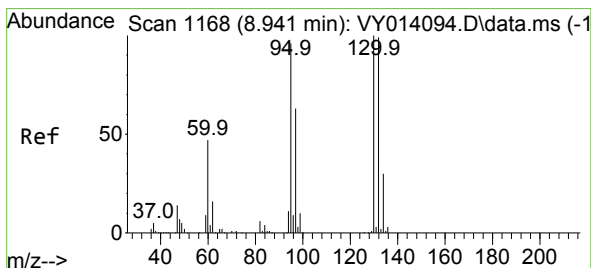
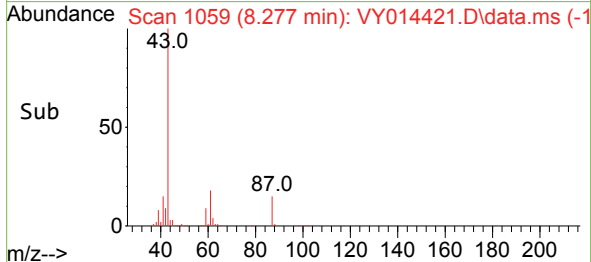
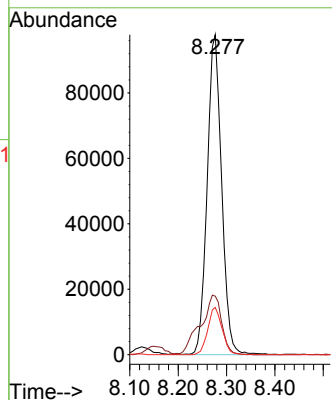
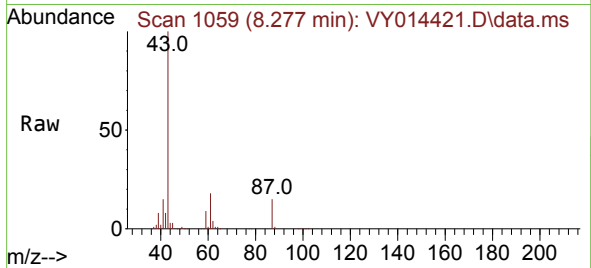




#43
Isopropyl Acetate
Concen: 48.657 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.001 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

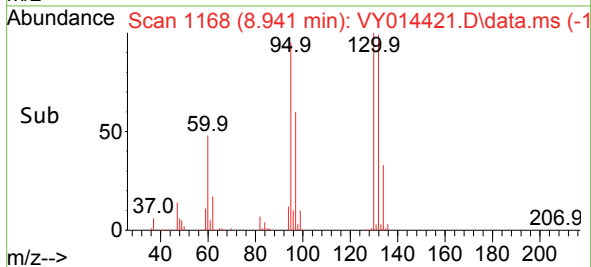
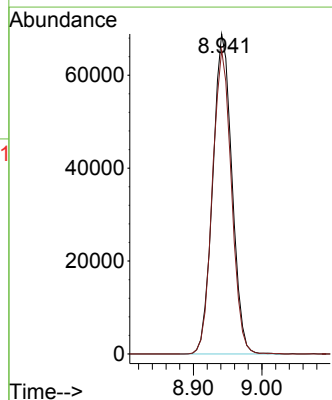
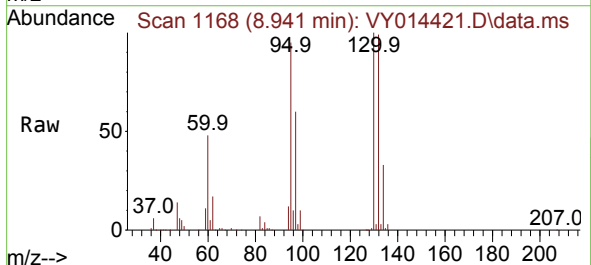
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

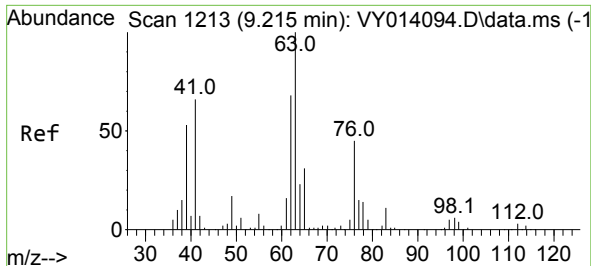
Tgt Ion: 43 Resp: 203370
Ion Ratio Lower Upper
43 100
61 27.3 21.1 31.7
87 14.7 9.8 14.8



#44
Trichloroethene
Concen: 47.861 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

Tgt Ion:130 Resp: 133674
Ion Ratio Lower Upper
130 100
95 95.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 44.914 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

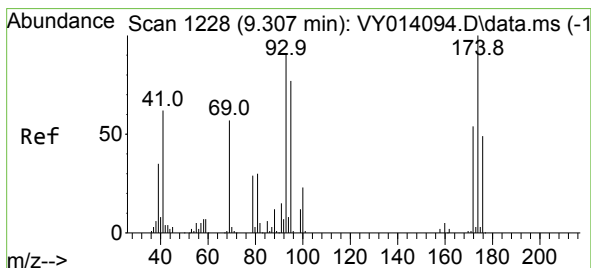
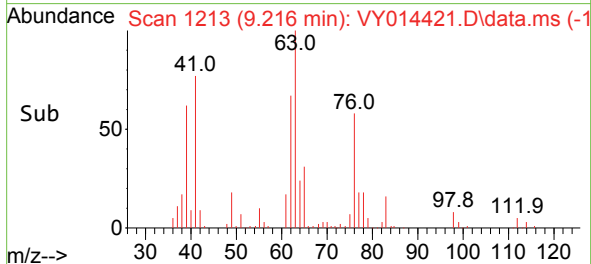
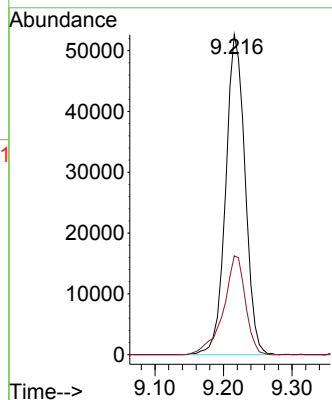
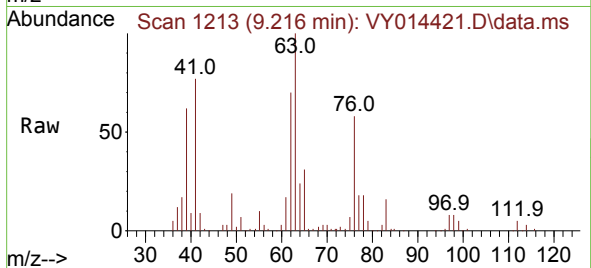
VSTDCCC050

Tgt Ion: 63 Resp: 103019

Ion Ratio Lower Upper

63 100

65 30.9 23.8 35.6



#46

Dibromomethane

Concen: 48.421 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

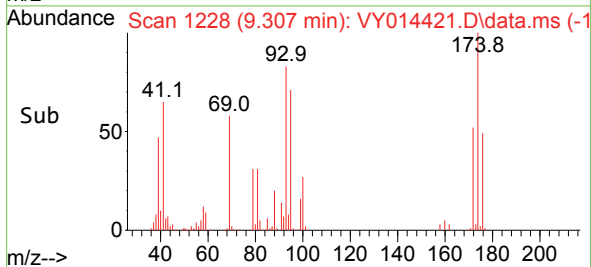
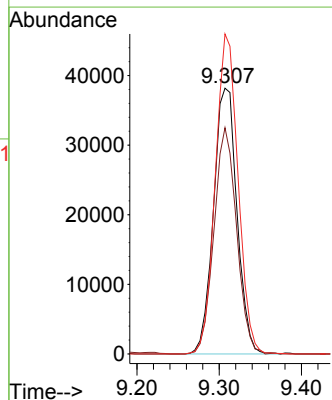
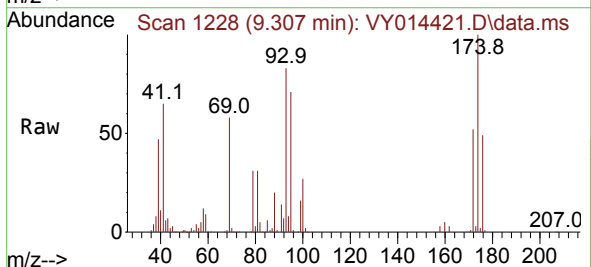
Tgt Ion: 93 Resp: 75898

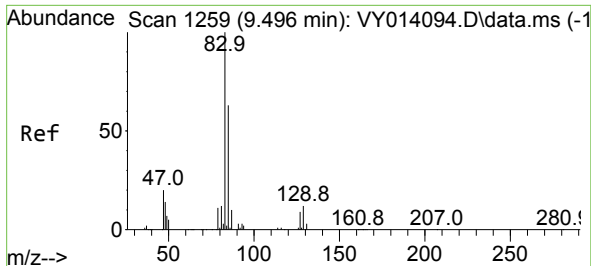
Ion Ratio Lower Upper

93 100

95 81.9 66.6 100.0

174 116.4 84.8 127.2

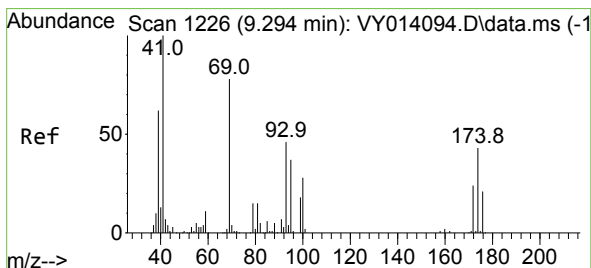
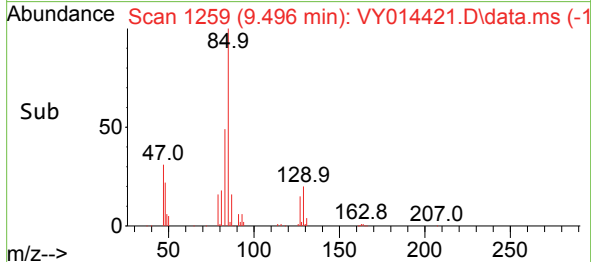
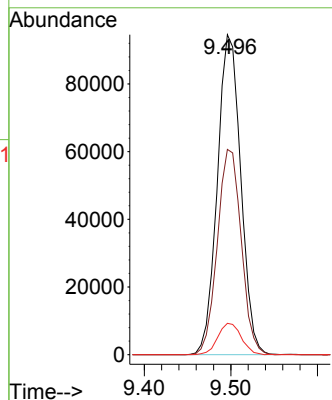
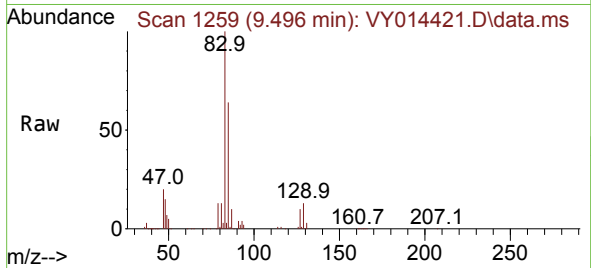




#47
Bromodichloromethane
Concen: 48.734 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

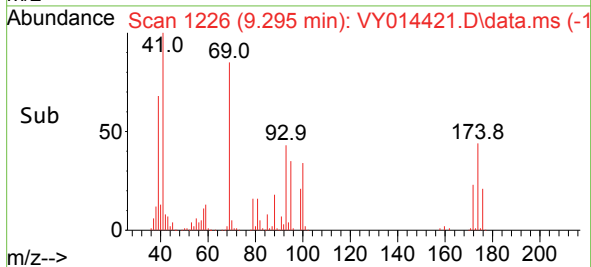
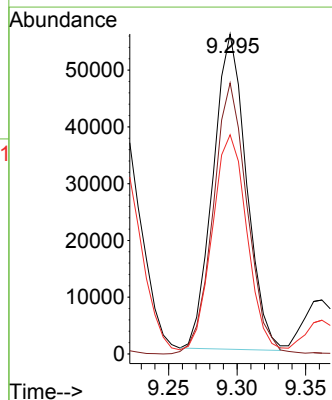
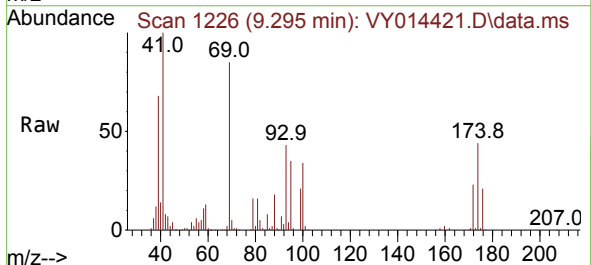
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

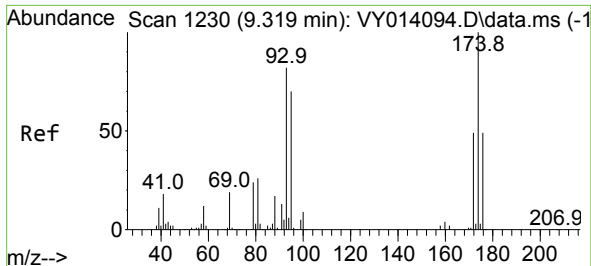
Tgt Ion: 83 Resp: 178046
Ion Ratio Lower Upper
83 100
85 64.1 50.1 75.1
127 9.8 7.1 10.7



#48
Methyl methacrylate
Concen: 48.486 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

Tgt Ion: 41 Resp: 94123
Ion Ratio Lower Upper
41 100
69 88.1 64.5 96.7
39 70.9 50.8 76.2

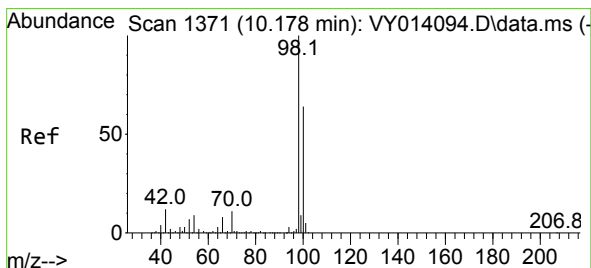
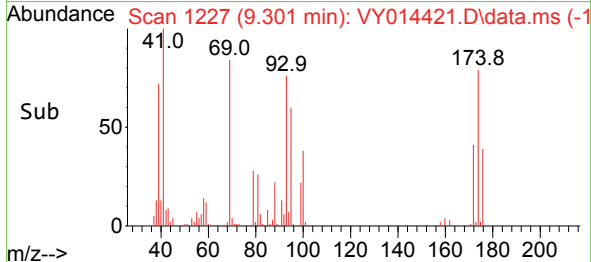
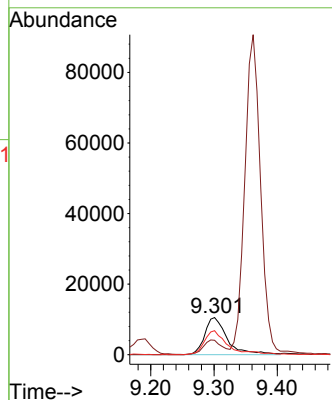
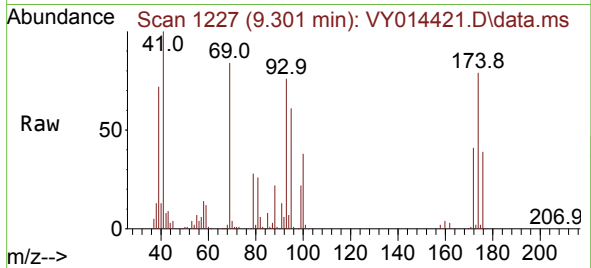




#49
1,4-Dioxane
Concen: 1068.021 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.018 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

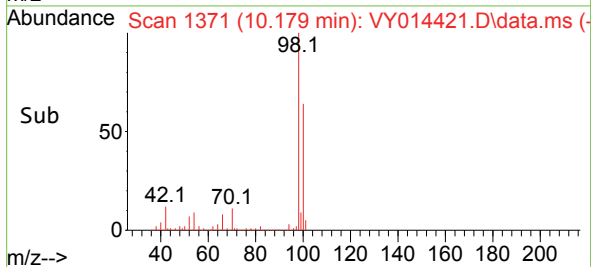
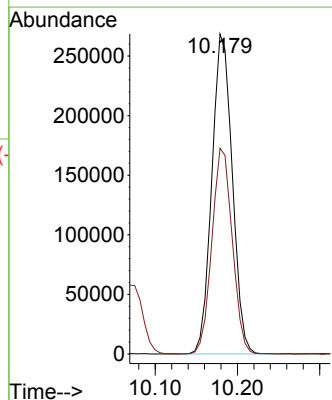
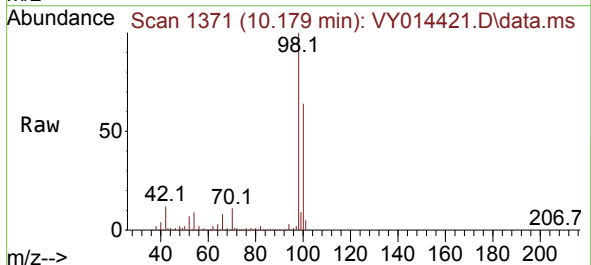
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

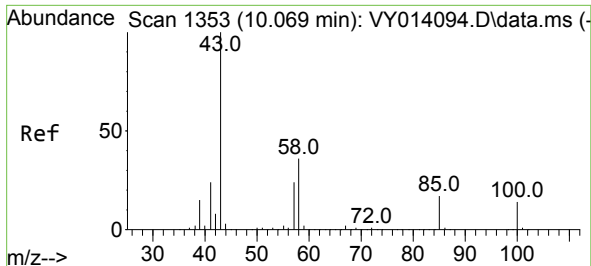
Tgt Ion: 88 Resp: 26176
Ion Ratio Lower Upper
88 100
43 33.1 0.0 0.0#
58 68.2 30.9 46.3#



#50
Toluene-d8
Concen: 52.272 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

Tgt Ion: 98 Resp: 463128
Ion Ratio Lower Upper
98 100
100 64.2 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 251.115 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

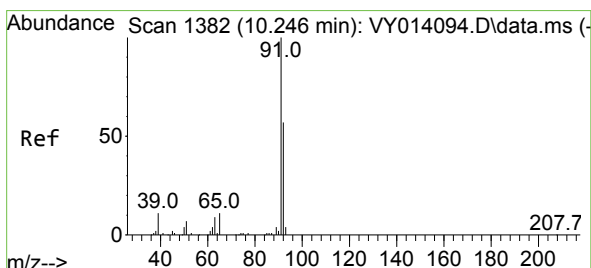
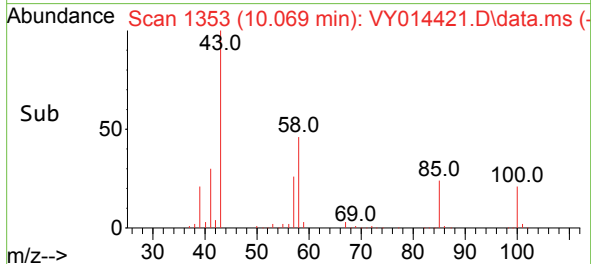
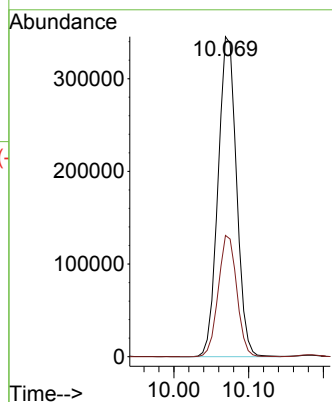
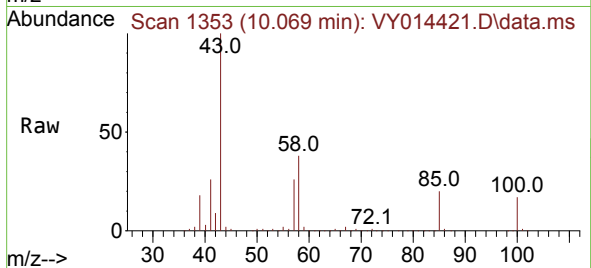
VSTDCCC050

Tgt Ion: 43 Resp: 592374

Ion Ratio Lower Upper

43 100

58 38.0 29.0 43.6



#52

Toluene

Concen: 49.825 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY014421.D

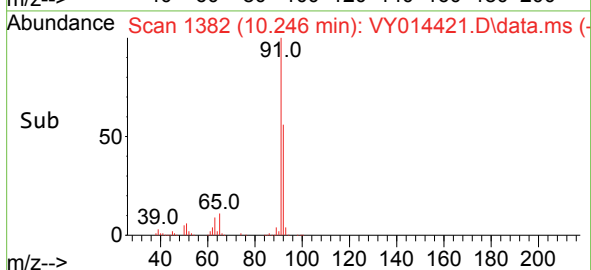
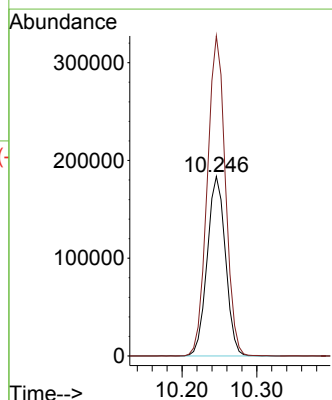
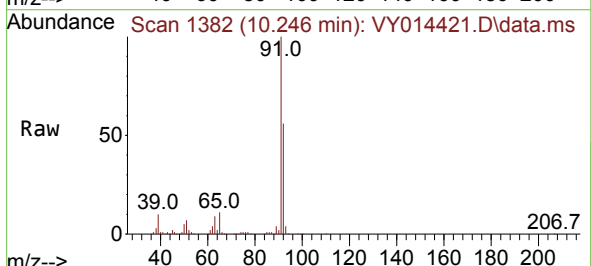
Acq: 26 Jun 2023 09:36

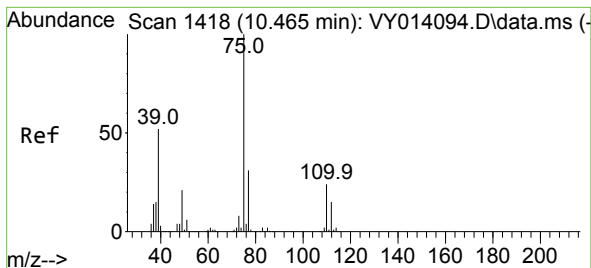
Tgt Ion: 92 Resp: 311864

Ion Ratio Lower Upper

92 100

91 176.7 143.8 215.6

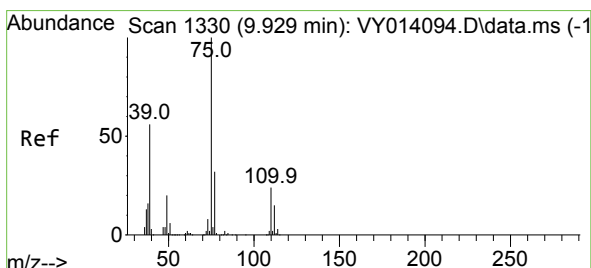
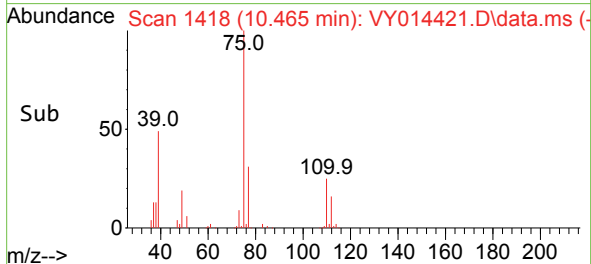
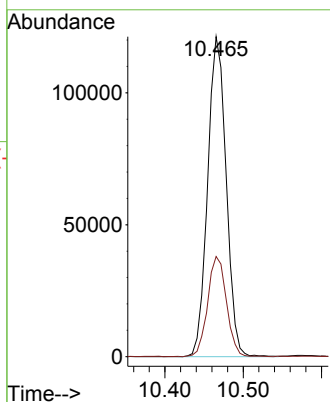
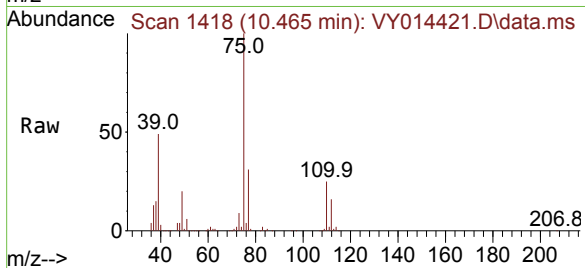




#53
 t-1,3-Dichloropropene
 Concen: 50.297 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY014421.D
 Acq: 26 Jun 2023 09:36

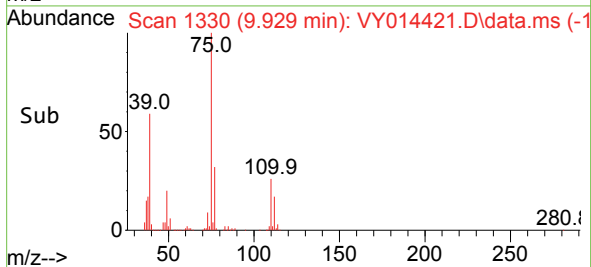
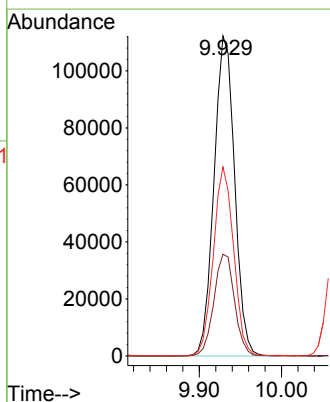
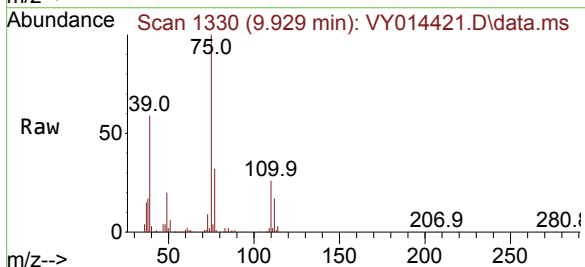
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

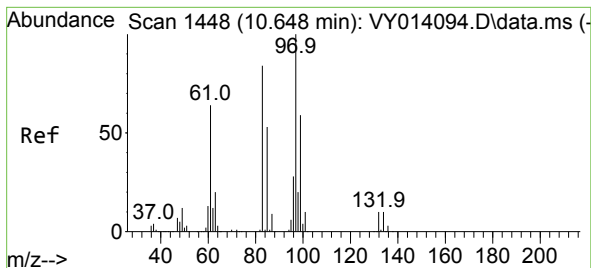
Tgt Ion: 75 Resp: 199222
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 47.920 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY014421.D
 Acq: 26 Jun 2023 09:36

Tgt Ion: 75 Resp: 195781
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.2 36.4
 39 59.0 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 48.847 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 102527

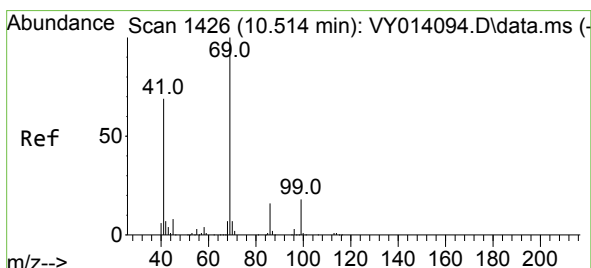
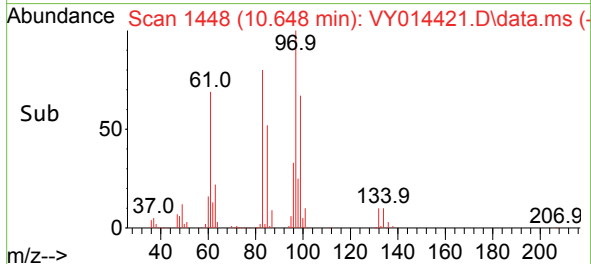
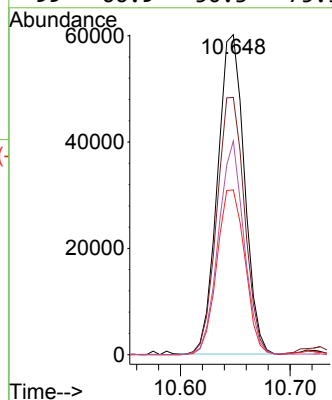
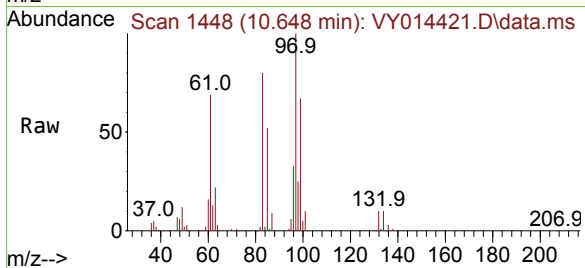
Ion Ratio Lower Upper

97 100

83 80.6 72.0 108.0

85 51.6 45.4 68.0

99 66.9 50.3 75.5



#56

Ethyl methacrylate

Concen: 51.182 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

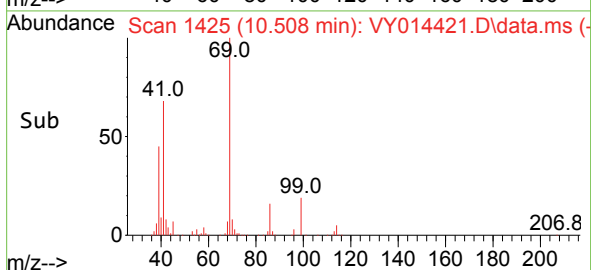
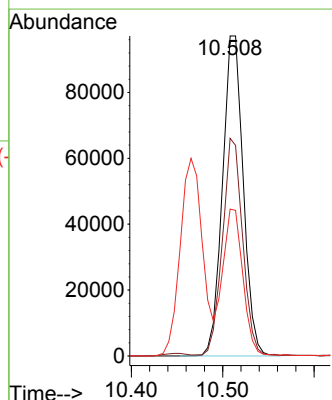
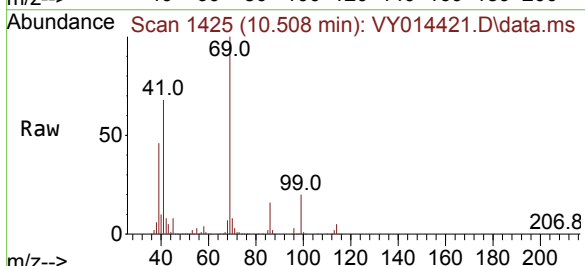
Tgt Ion: 69 Resp: 153420

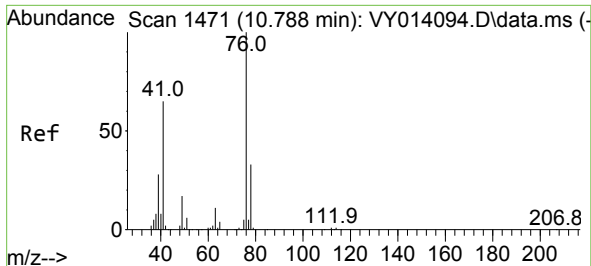
Ion Ratio Lower Upper

69 100

41 66.0 57.6 86.4

39 44.3 34.1 51.1

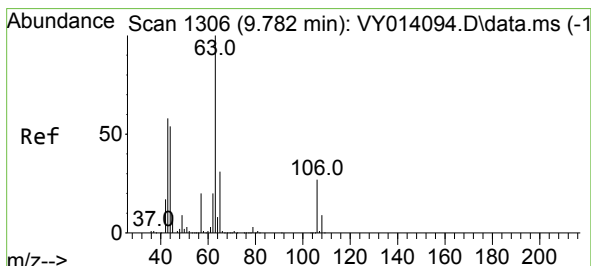
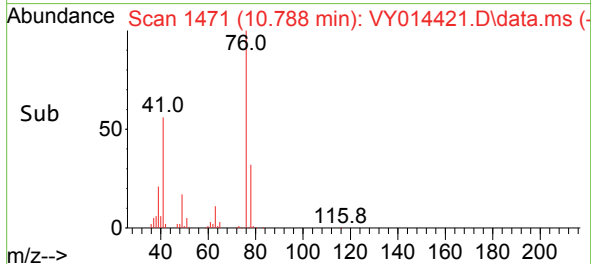
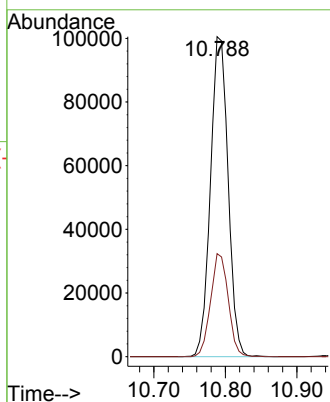
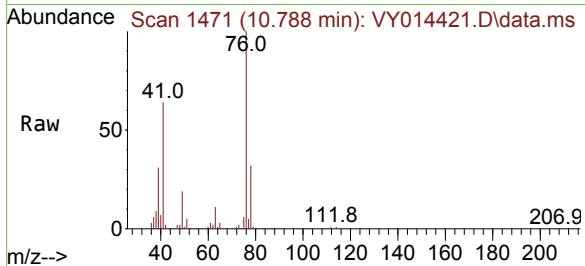




#57
1,3-Dichloropropane
Concen: 48.792 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

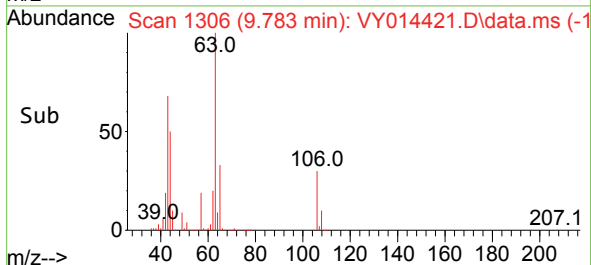
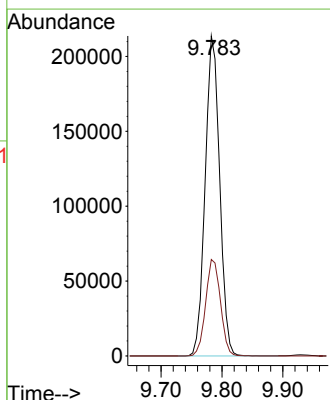
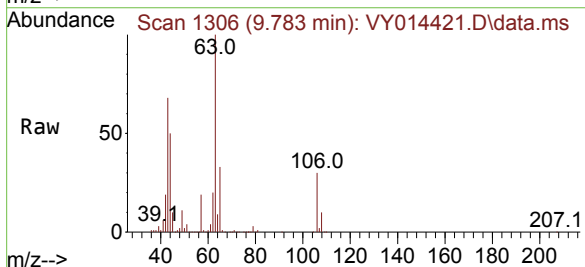
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

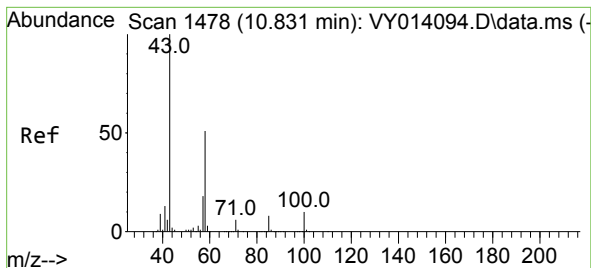
Tgt Ion: 76 Resp: 172257
Ion Ratio Lower Upper
76 100
78 32.1 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 251.427 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.001 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

Tgt Ion: 63 Resp: 353035
Ion Ratio Lower Upper
63 100
106 30.9 21.2 31.8

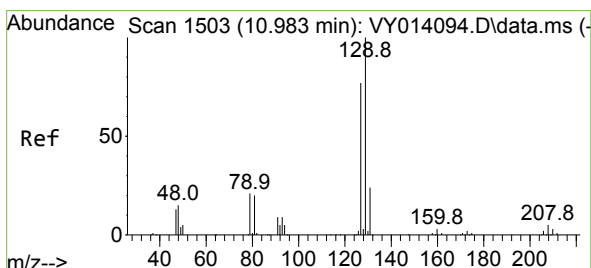
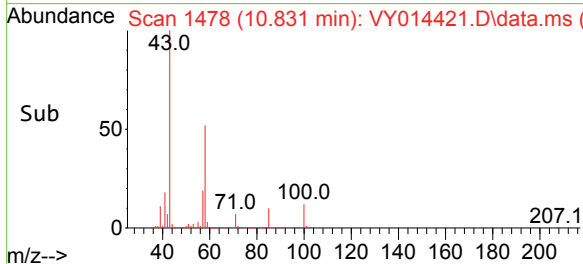
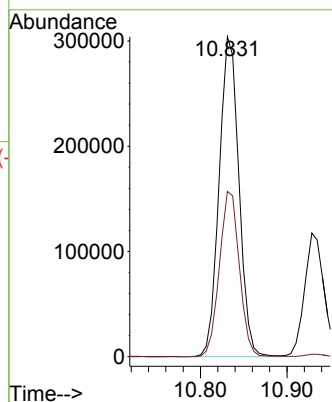
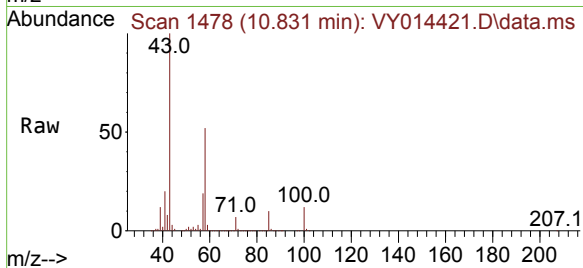




#59
2-Hexanone
Concen: 271.168 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

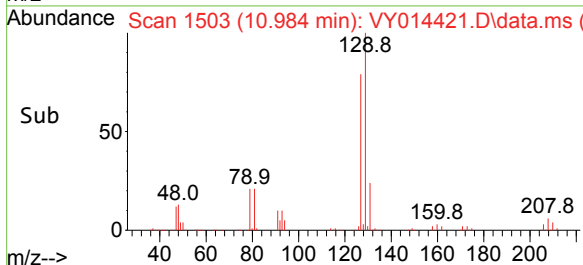
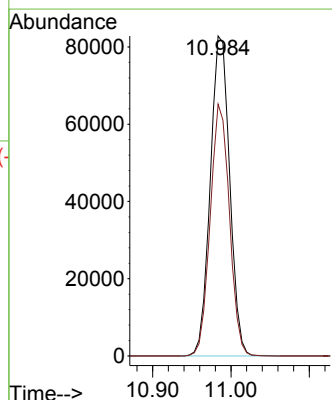
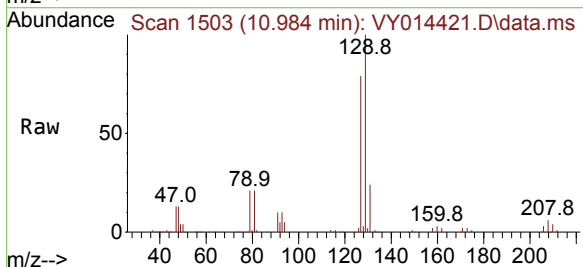
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

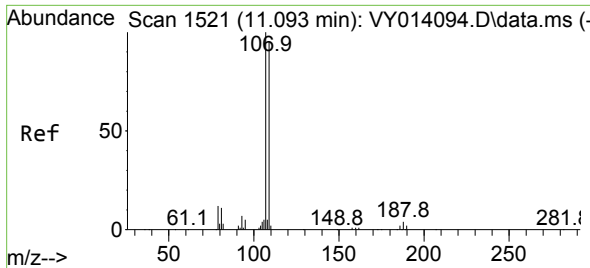
Tgt Ion: 43 Resp: 482017
Ion Ratio Lower Upper
43 100
58 52.1 25.1 75.3



#60
Dibromochloromethane
Concen: 51.203 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

Tgt Ion: 129 Resp: 142566
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5

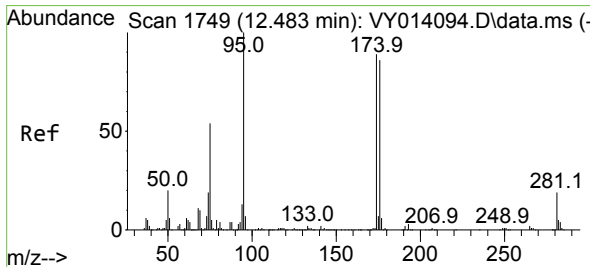
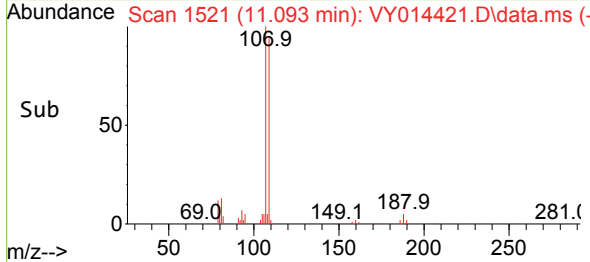
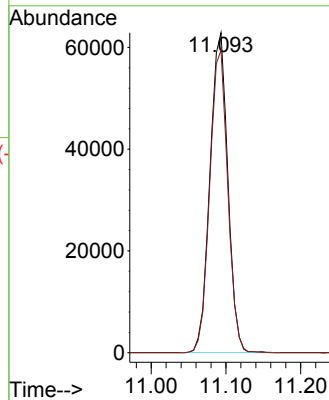
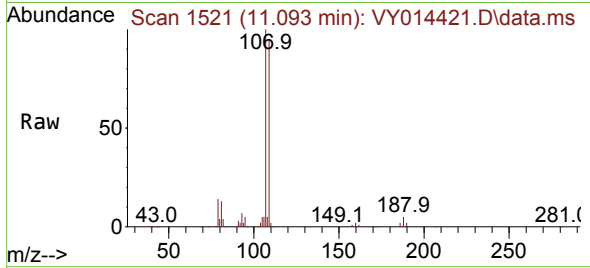




#61
1,2-Dibromoethane
Concen: 49.980 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

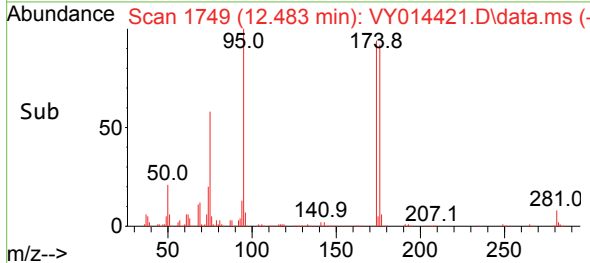
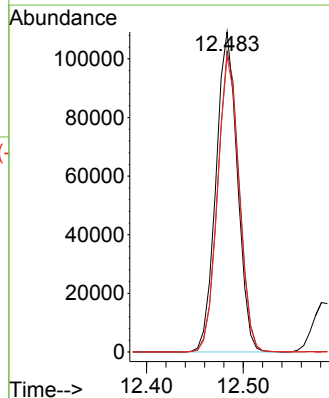
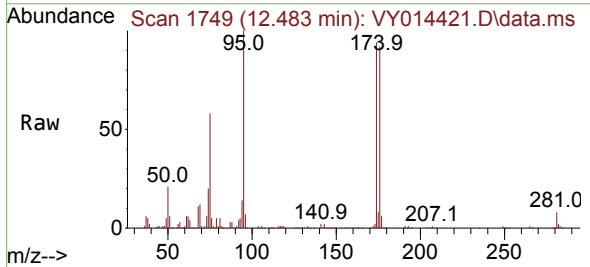
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

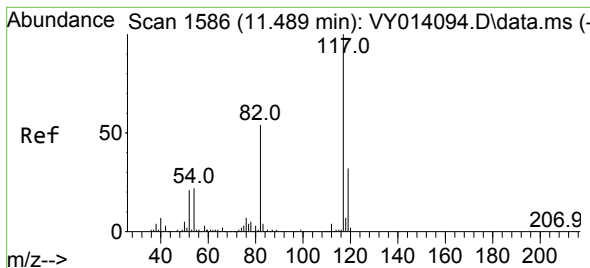
Tgt Ion:107 Resp: 104448
Ion Ratio Lower Upper
107 100
109 95.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.090 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

Tgt Ion: 95 Resp: 167928
Ion Ratio Lower Upper
95 100
174 94.9 0.0 178.2
176 92.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

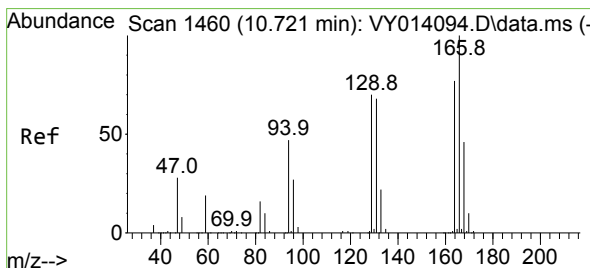
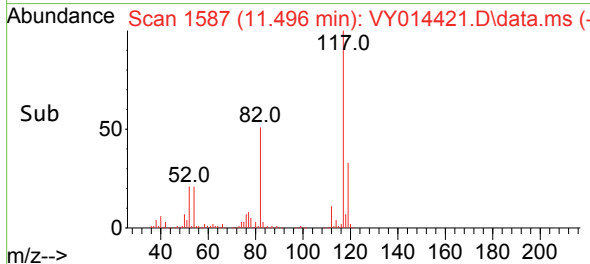
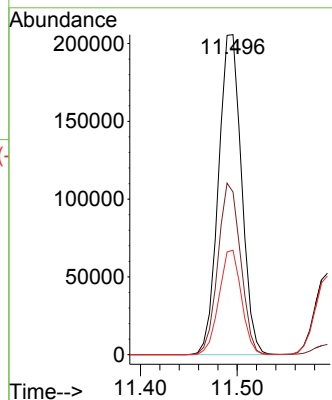
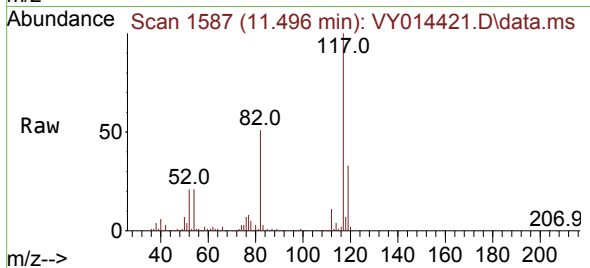
Tgt Ion:117 Resp: 339662

Ion Ratio Lower Upper

117 100

82 50.8 43.4 65.0

119 32.7 26.3 39.5



#64

Tetrachloroethene

Concen: 48.742 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

Tgt Ion:164 Resp: 140885

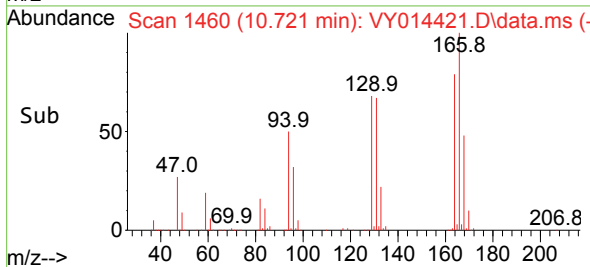
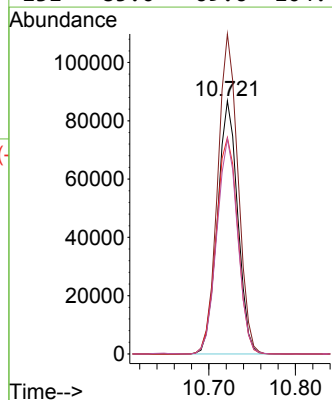
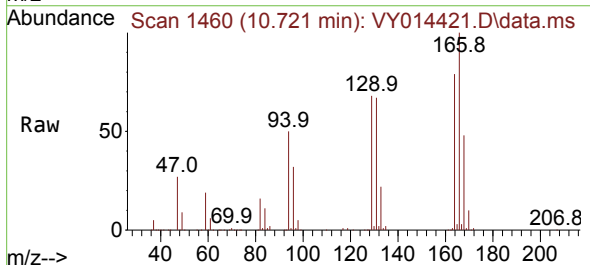
Ion Ratio Lower Upper

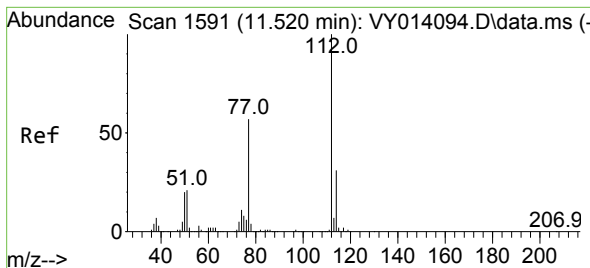
164 100

166 126.4 103.0 154.6

129 85.5 77.2 115.8

131 85.0 69.6 104.4

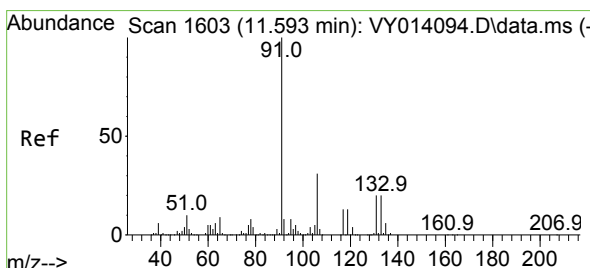
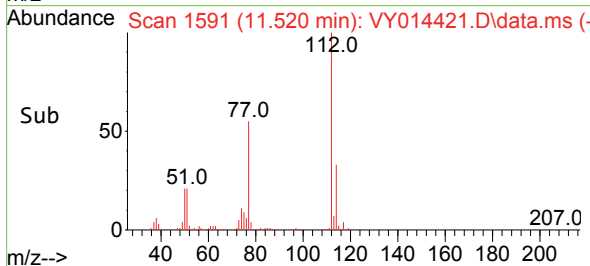
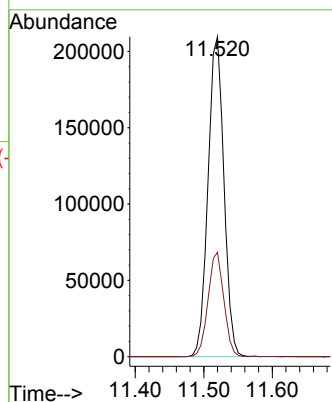
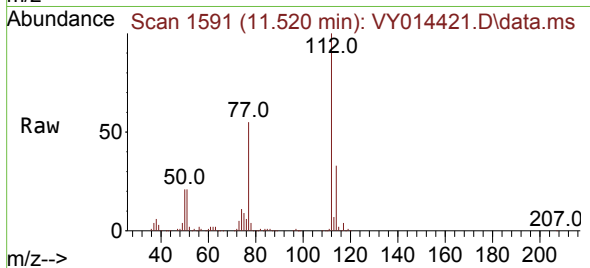




#65
Chlorobenzene
Concen: 48.547 ug/l
RT: 11.520 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

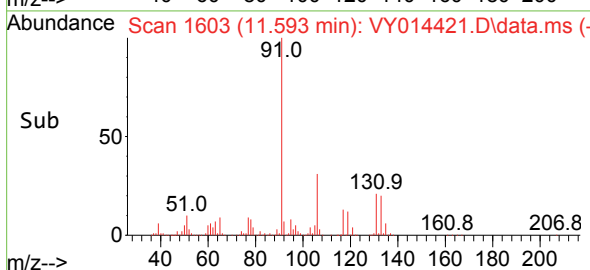
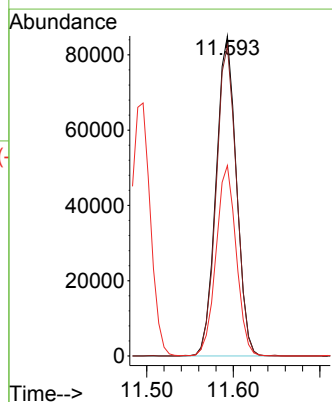
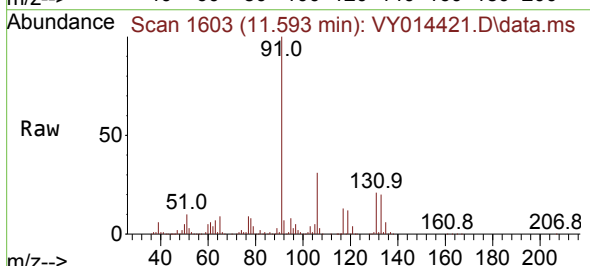
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

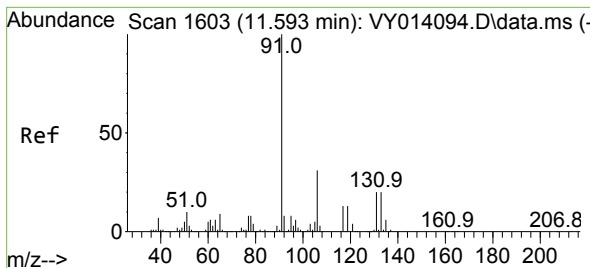
Tgt Ion:112 Resp: 338762
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.263 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

Tgt Ion:131 Resp: 138474
Ion Ratio Lower Upper
131 100
133 97.1 47.5 142.6
119 59.1 31.6 94.7





#67

Ethyl Benzene

Concen: 49.821 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

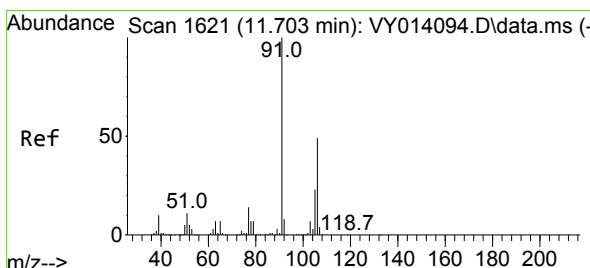
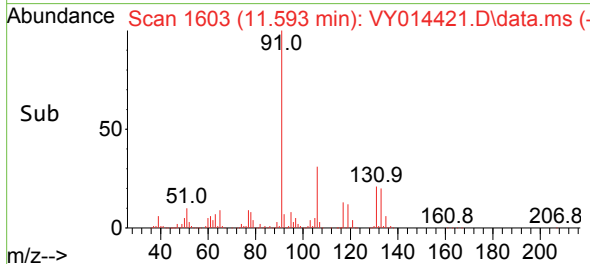
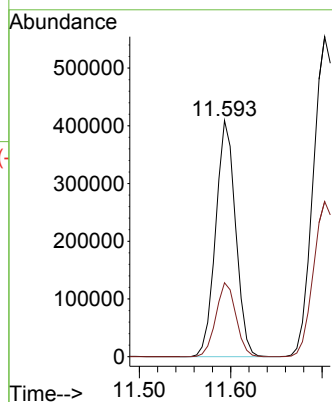
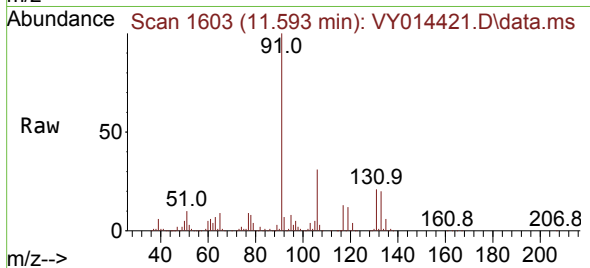
VSTDCCC050

Tgt Ion: 91 Resp: 619074

Ion Ratio Lower Upper

91 100

106 31.3 24.6 36.8



#68

m/p-Xylenes

Concen: 100.312 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014421.D

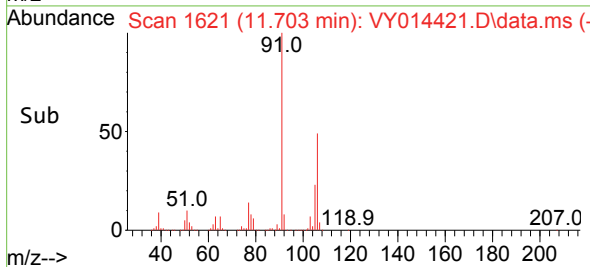
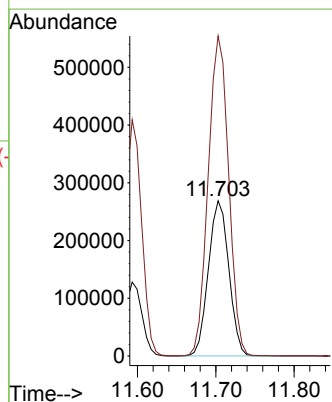
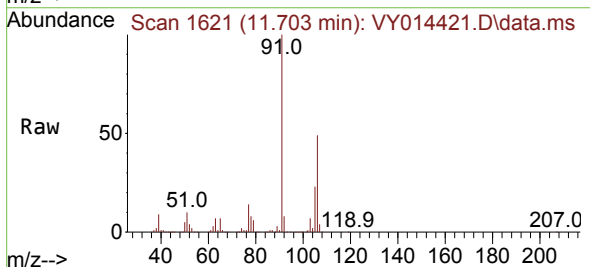
Acq: 26 Jun 2023 09:36

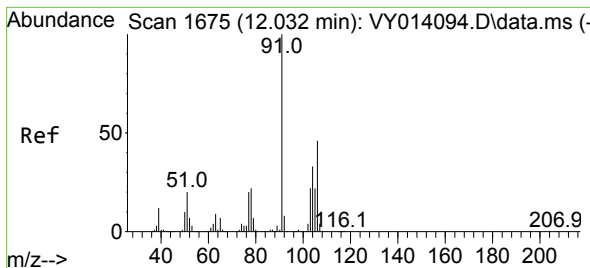
Tgt Ion: 106 Resp: 486845

Ion Ratio Lower Upper

106 100

91 206.4 166.1 249.1





#69

o-Xylene

Concen: 50.036 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

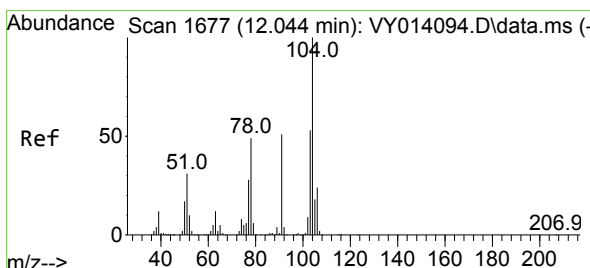
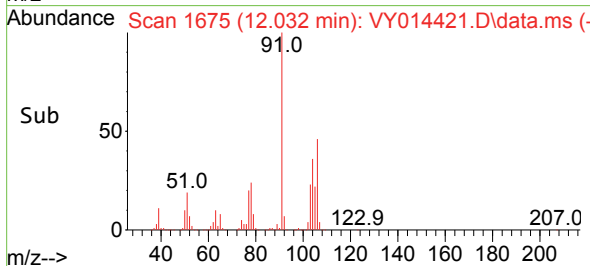
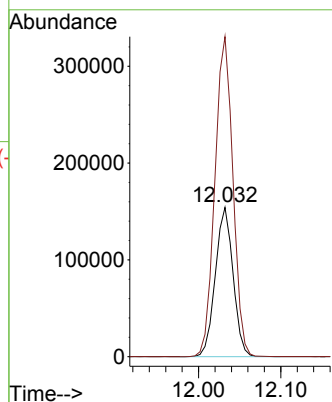
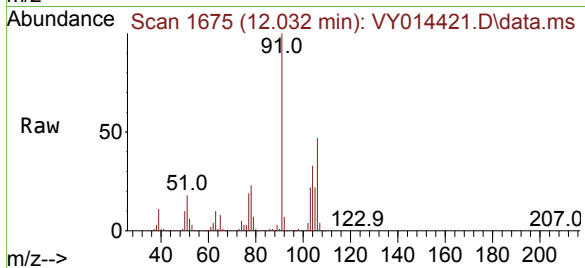
VSTDCCC050

Tgt Ion:106 Resp: 231070

Ion Ratio Lower Upper

106 100

91 218.5 108.1 324.3



#70

Styrene

Concen: 50.844 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

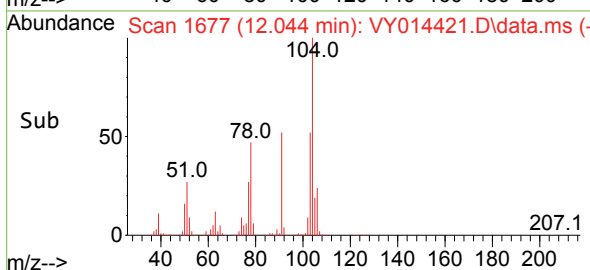
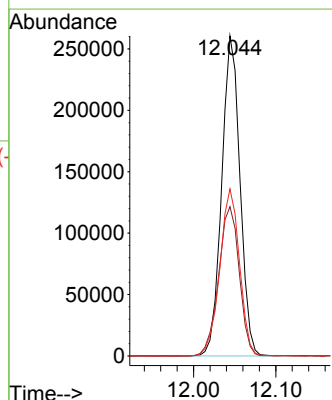
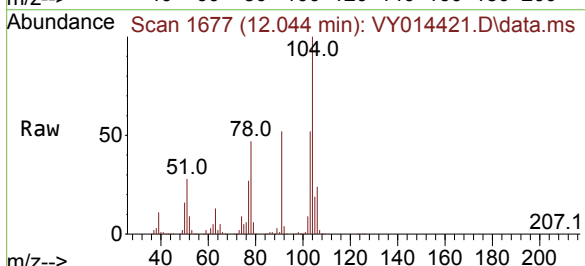
Tgt Ion:104 Resp: 402435

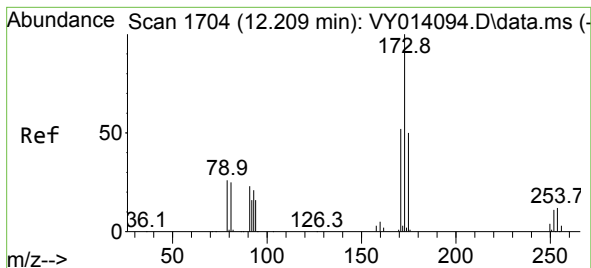
Ion Ratio Lower Upper

104 100

78 52.7 41.5 62.3

103 56.2 44.6 67.0





#71

Bromoform

Concen: 52.090 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

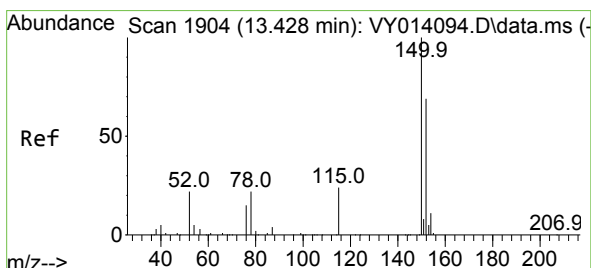
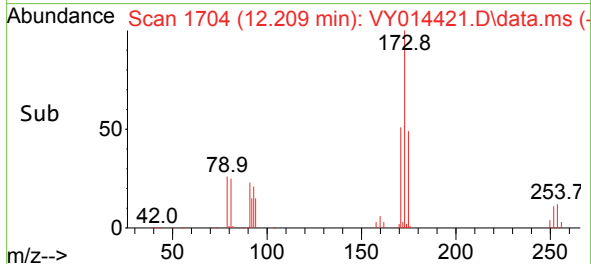
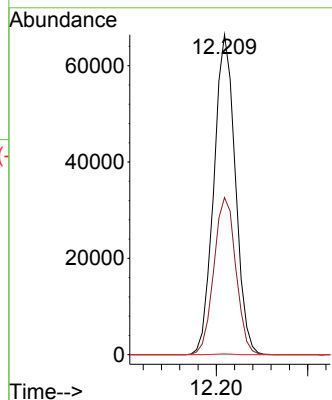
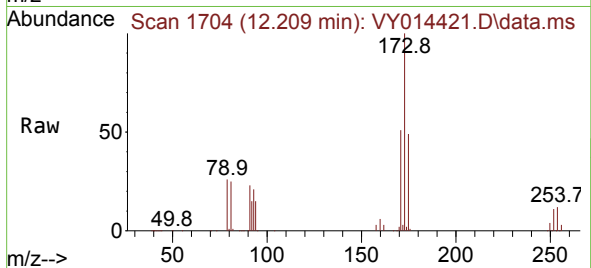
Tgt Ion:173 Resp: 108214

Ion Ratio Lower Upper

173 100

175 50.4 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: VY014421.D

Acq: 26 Jun 2023 09:36

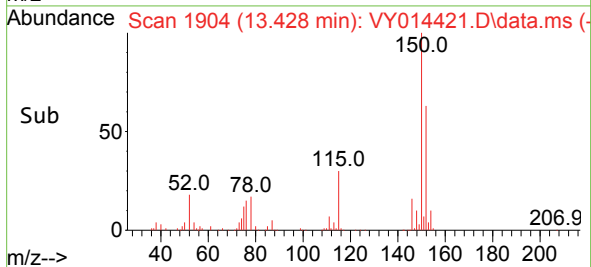
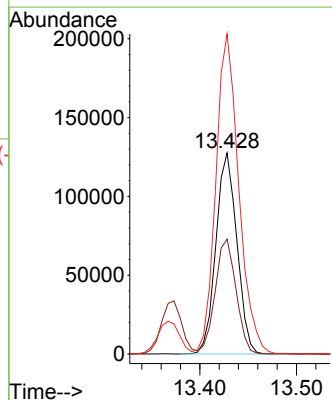
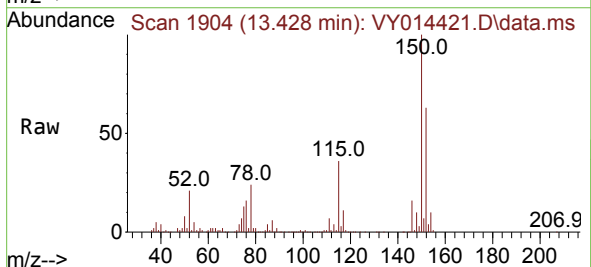
Tgt Ion:152 Resp: 191998

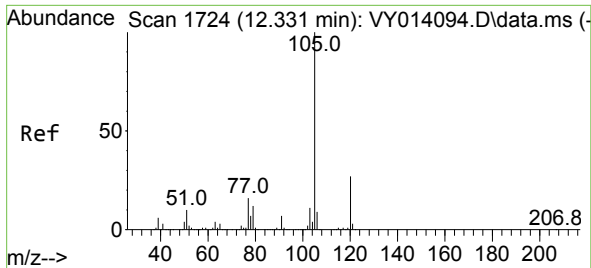
Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 174.3 0.0 348.8

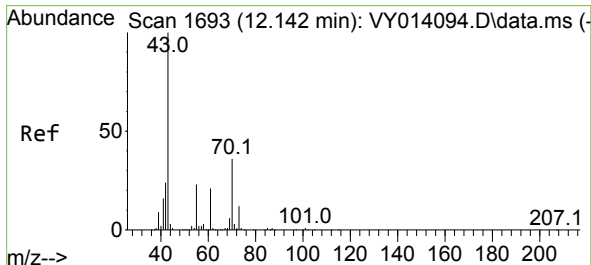
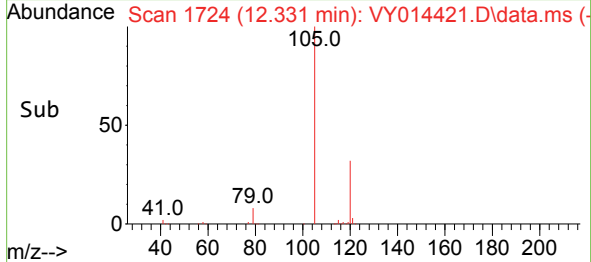
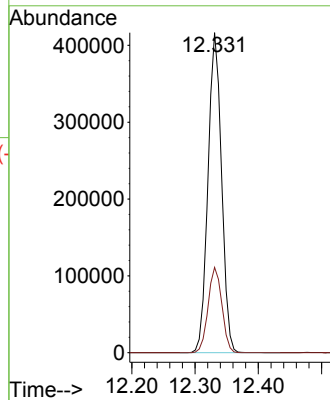
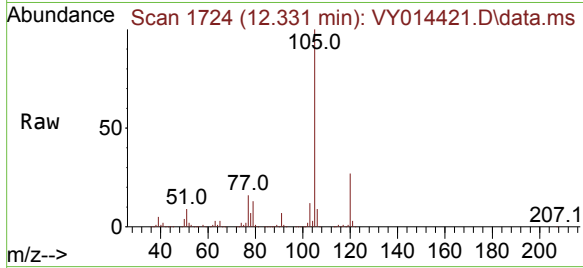




#73
Isopropylbenzene
Concen: 47.993 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

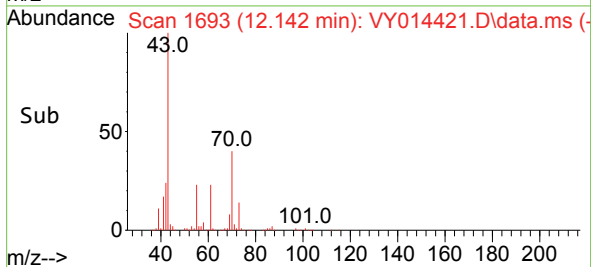
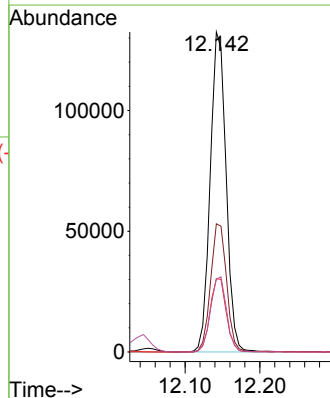
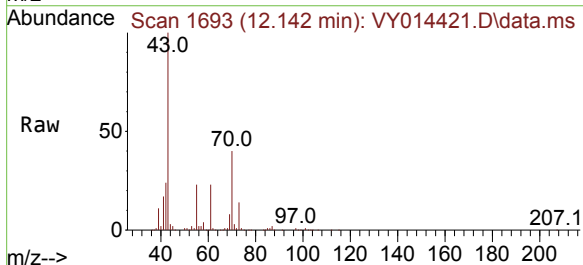
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

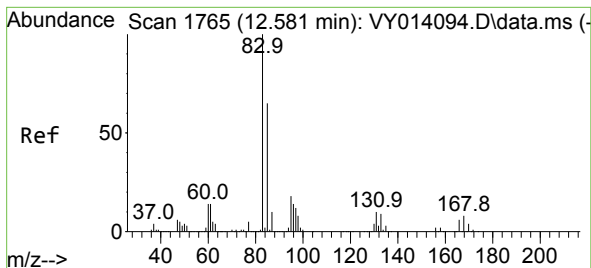
Tgt Ion:105 Resp: 620464
Ion Ratio Lower Upper
105 100
120 27.1 13.3 39.9



#74
N-ethyl acetate
Concen: 47.851 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

Tgt Ion: 43 Resp: 195917
Ion Ratio Lower Upper
43 100
70 40.3 29.7 44.5
55 23.3 18.3 27.5
61 23.8 17.5 26.3

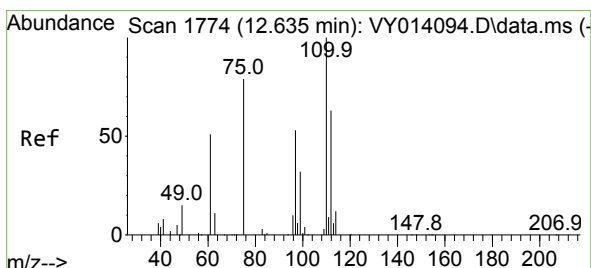
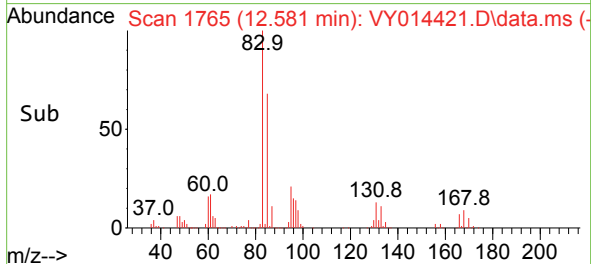
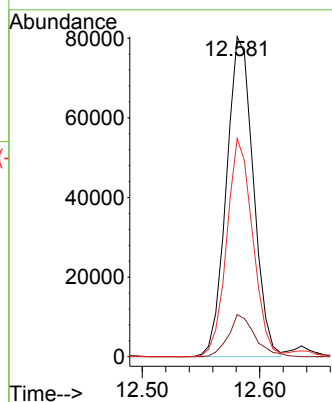
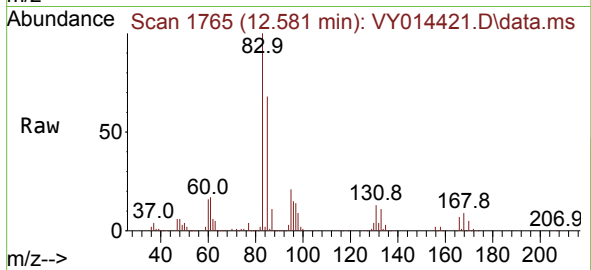




#75
1,1,2,2-Tetrachloroethane
Concen: 46.361 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

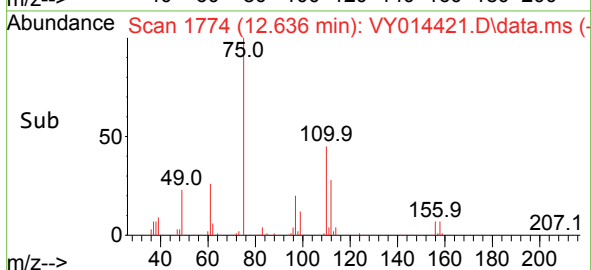
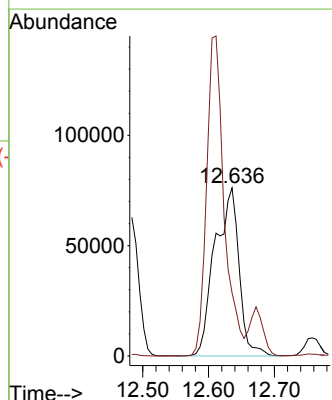
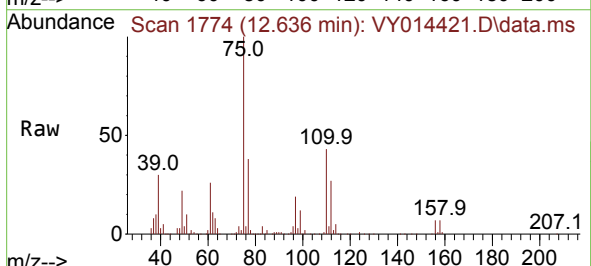
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

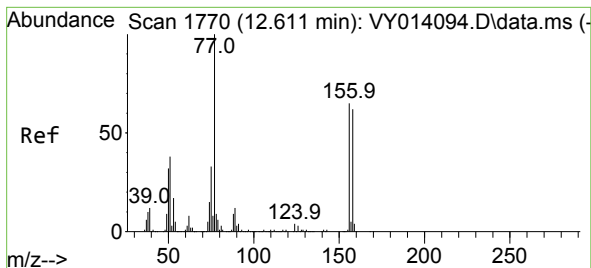
Tgt Ion: 83 Resp: 128090
Ion Ratio Lower Upper
83 100
131 13.0 5.4 16.2
85 66.2 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 80.881 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.001 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

Tgt Ion: 75 Resp: 194798
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.189 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

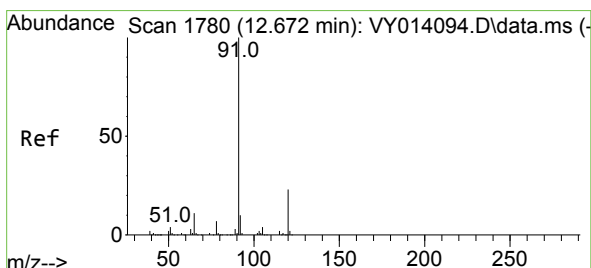
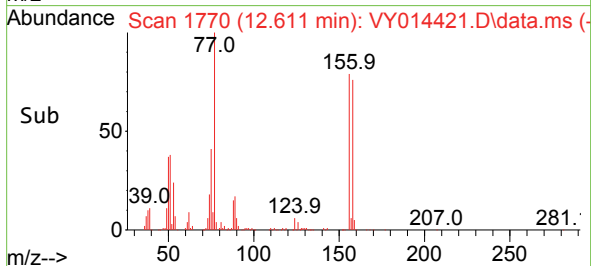
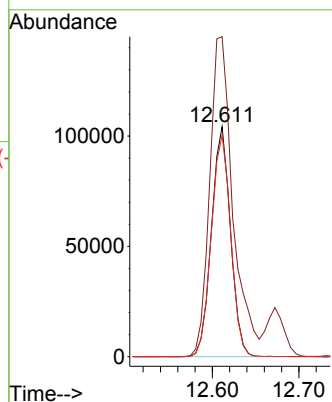
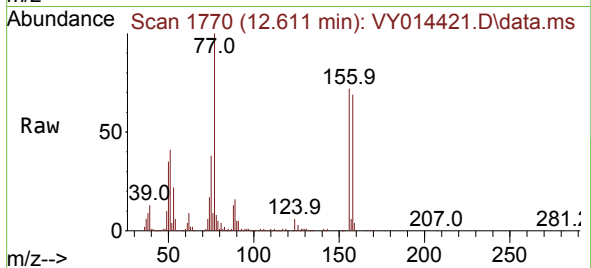
Tgt Ion:156 Resp: 158625

Ion Ratio Lower Upper

156 100

77 170.1 92.8 278.6

158 98.7 48.4 145.3



#78

n-propylbenzene

Concen: 47.583 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014421.D

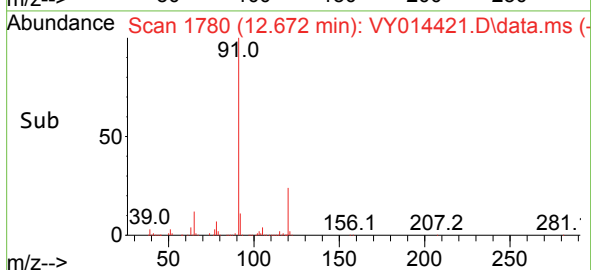
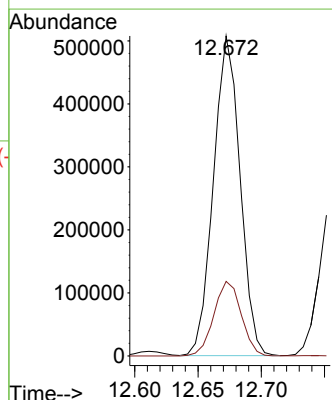
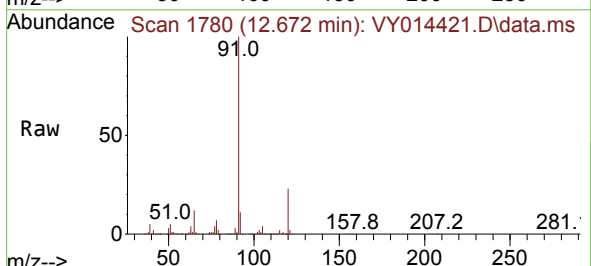
Acq: 26 Jun 2023 09:36

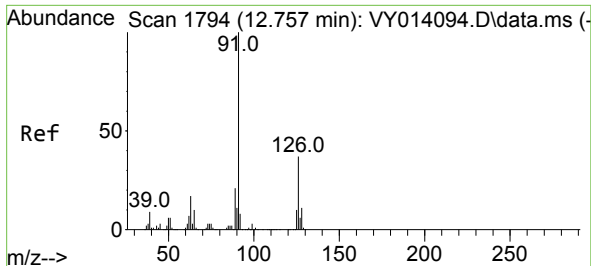
Tgt Ion: 91 Resp: 742167

Ion Ratio Lower Upper

91 100

120 24.0 11.5 34.4

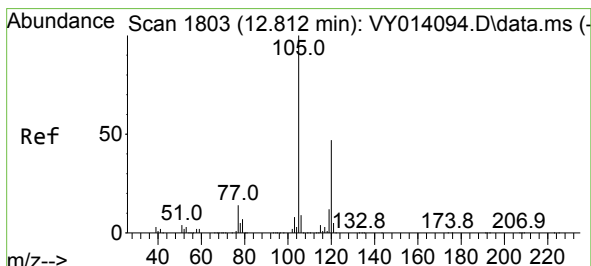
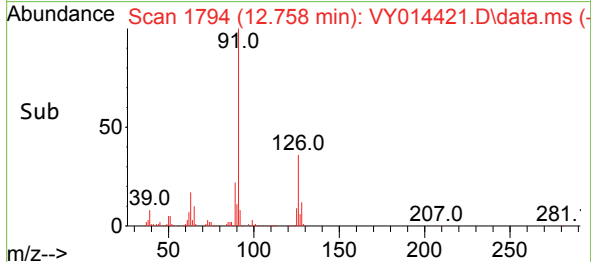
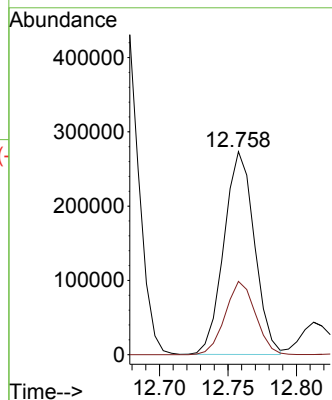
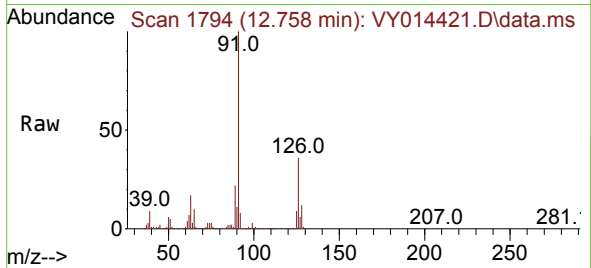




#79
2-Chlorotoluene
Concen: 47.588 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.001 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

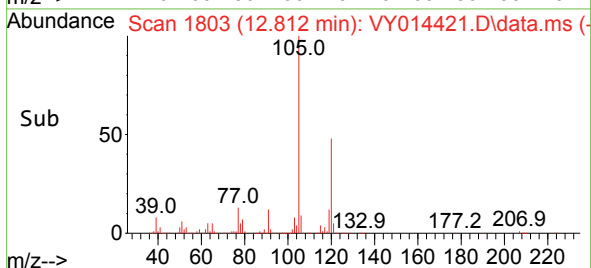
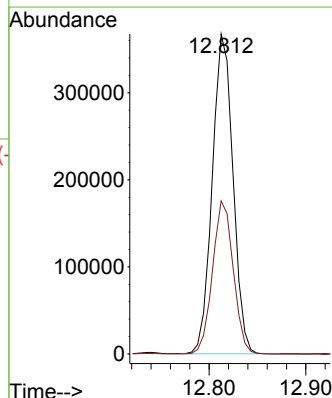
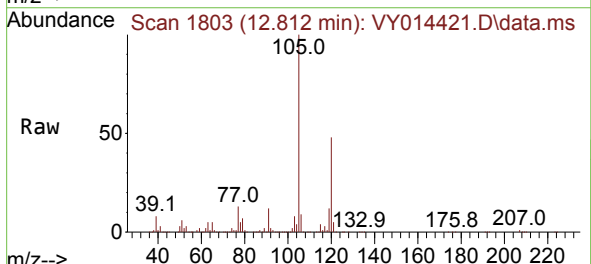
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

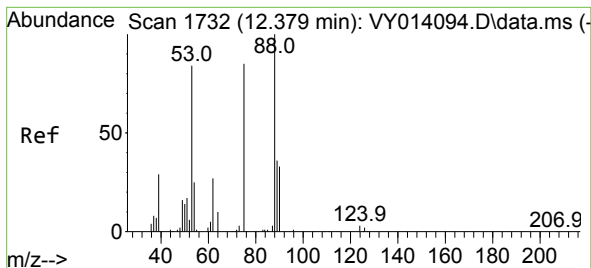
Tgt Ion: 91 Resp: 423901
Ion Ratio Lower Upper
91 100
126 35.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 48.883 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

Tgt Ion: 105 Resp: 546689
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.7

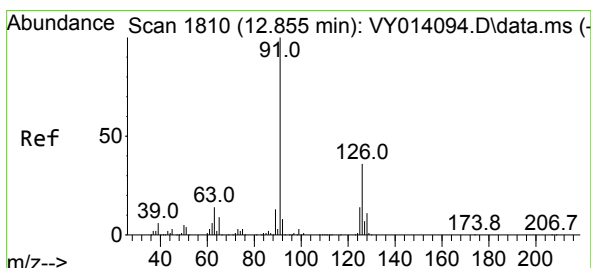
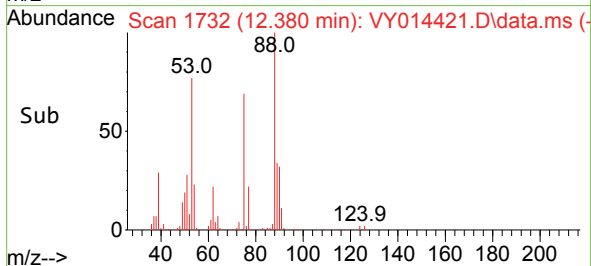
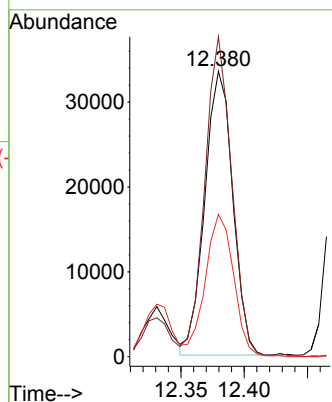
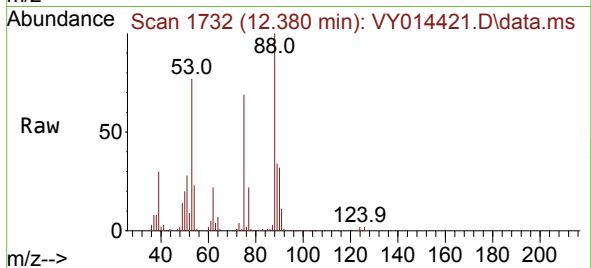




#81
trans-1,4-Dichloro-2-butene
Concen: 48.806 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

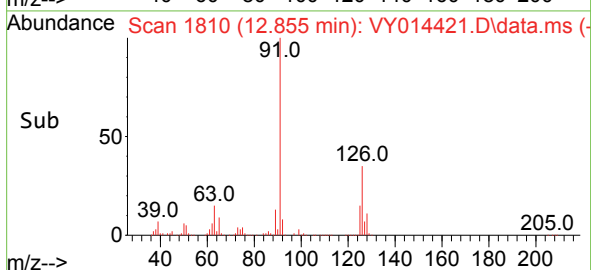
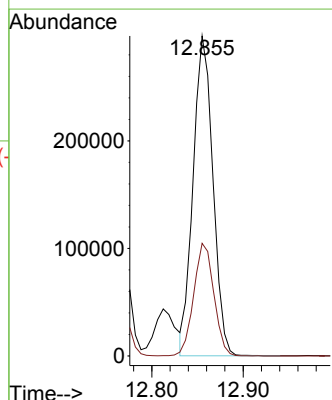
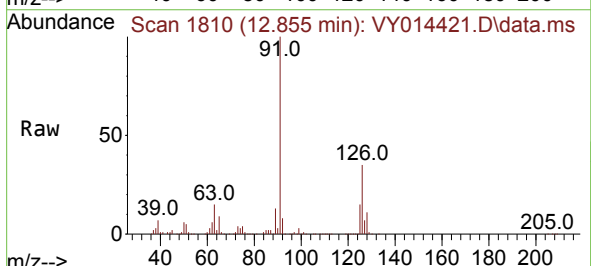
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

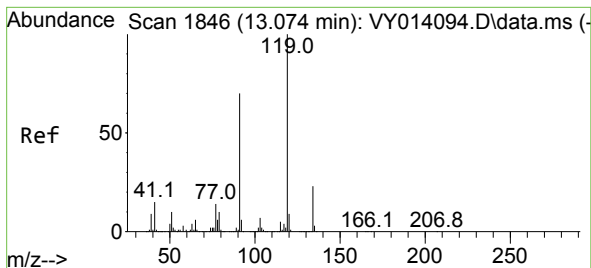
Tgt Ion: 75 Resp: 51631
Ion Ratio Lower Upper
75 100
53 107.2 77.8 116.8
89 51.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 47.188 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014421.D
Acq: 26 Jun 2023 09:36

Tgt Ion: 91 Resp: 447787
Ion Ratio Lower Upper
91 100
126 36.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 49.882 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

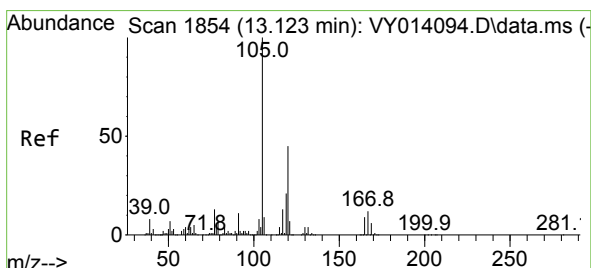
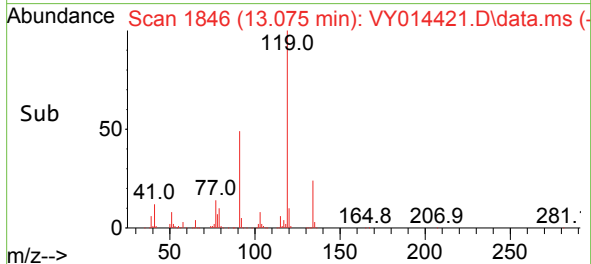
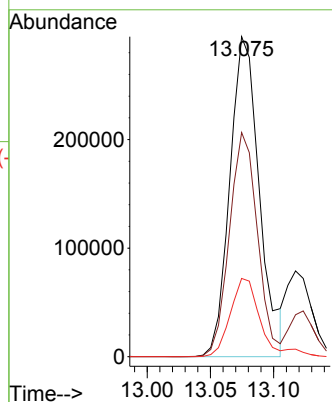
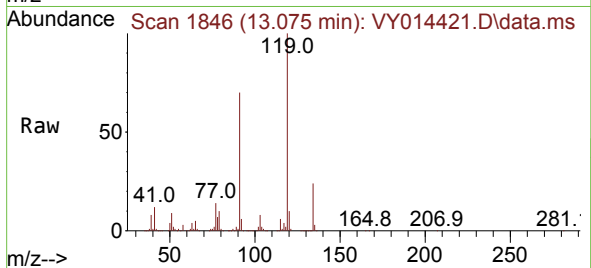
Tgt Ion:119 Resp: 478249

Ion Ratio Lower Upper

119 100

91 66.9 32.9 98.6

134 25.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 49.108 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY014421.D

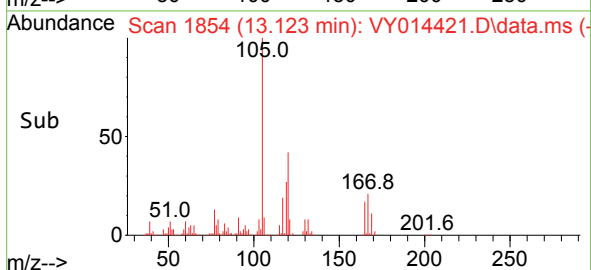
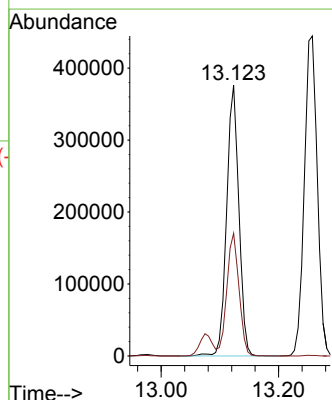
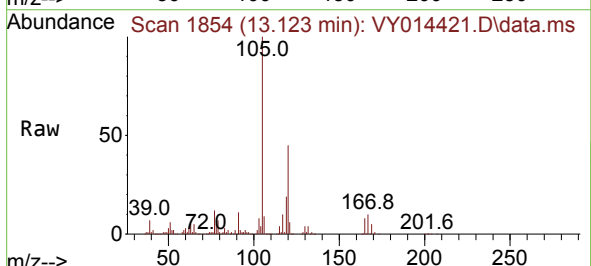
Acq: 26 Jun 2023 09:36

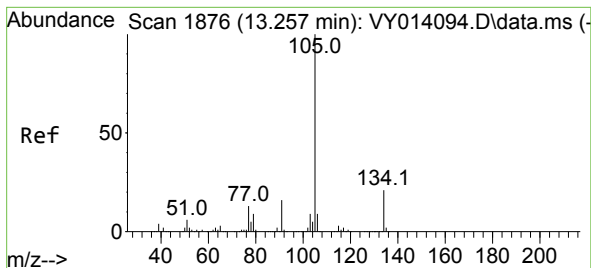
Tgt Ion:105 Resp: 544211

Ion Ratio Lower Upper

105 100

120 45.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 48.884 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.001 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

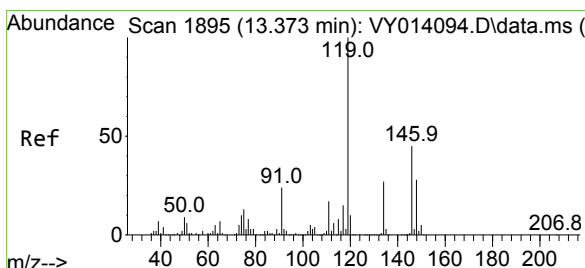
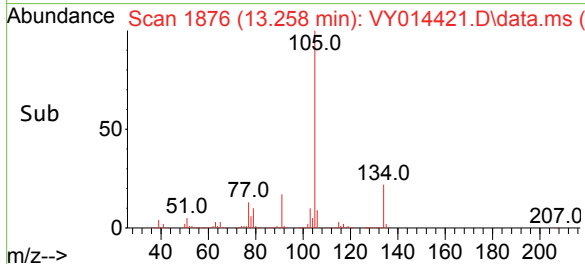
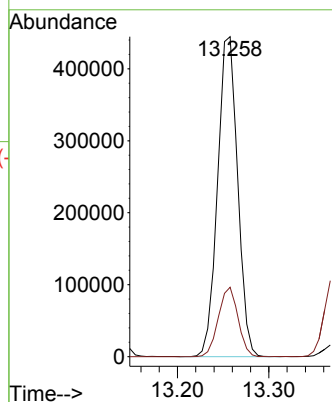
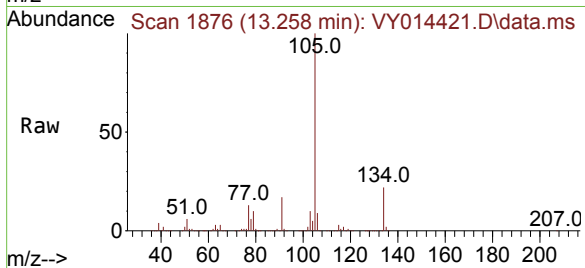
VSTDCCC050

Tgt Ion:105 Resp: 677777

Ion Ratio Lower Upper

105 100

134 21.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 49.821 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

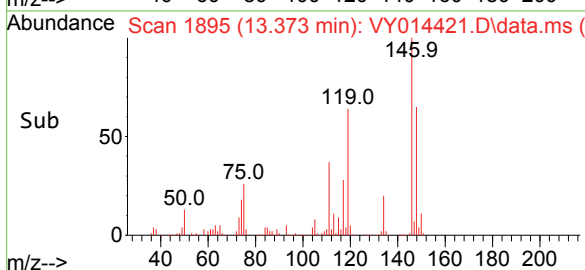
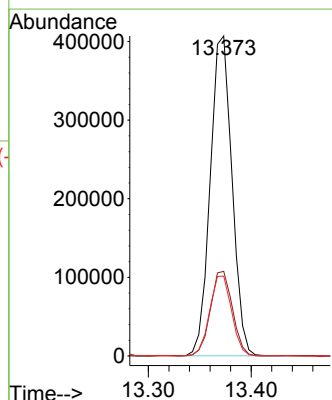
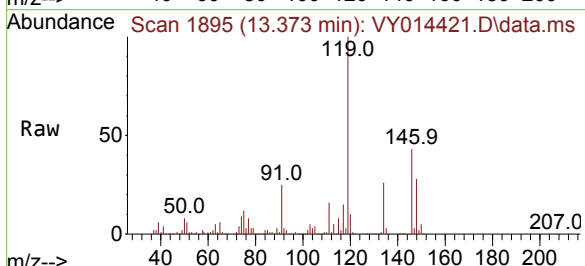
Tgt Ion:119 Resp: 598071

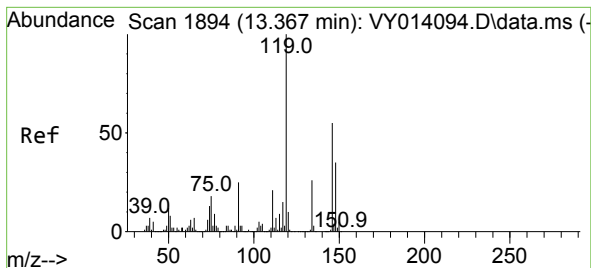
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 25.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.560 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

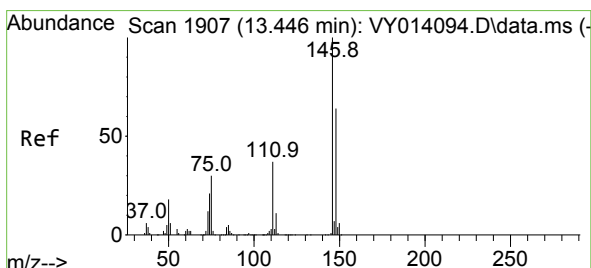
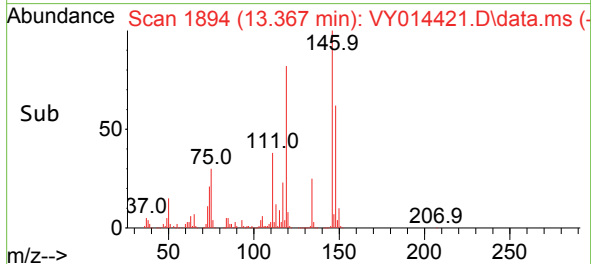
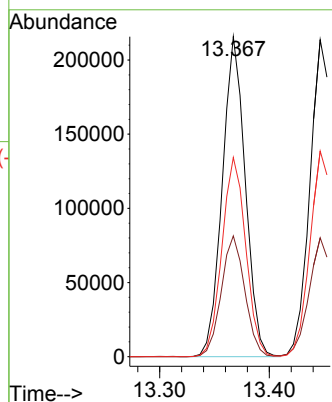
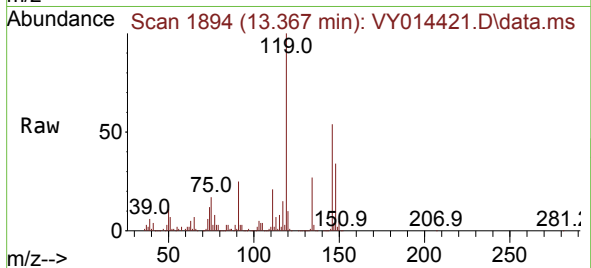
Tgt Ion:146 Resp: 314846

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.2

148 64.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 48.168 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

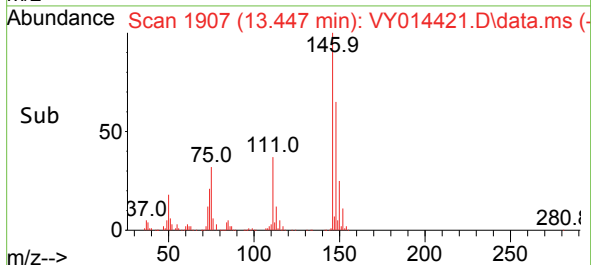
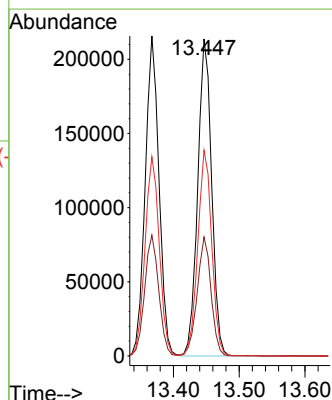
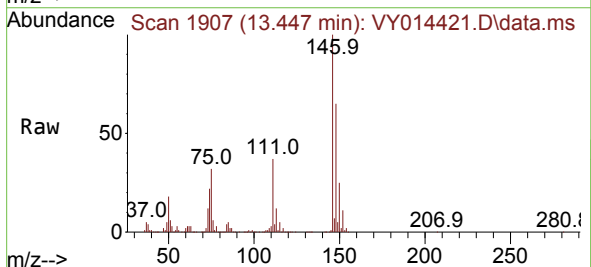
Tgt Ion:146 Resp: 313966

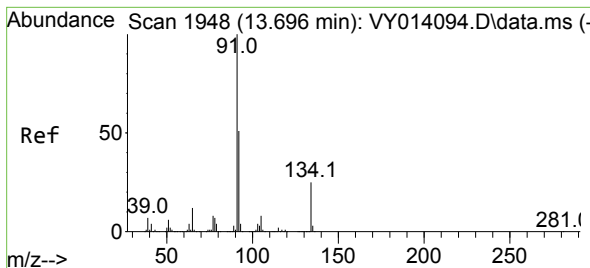
Ion Ratio Lower Upper

146 100

111 37.4 18.9 56.7

148 65.0 32.1 96.5





#89

n-Butylbenzene

Concen: 49.029 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

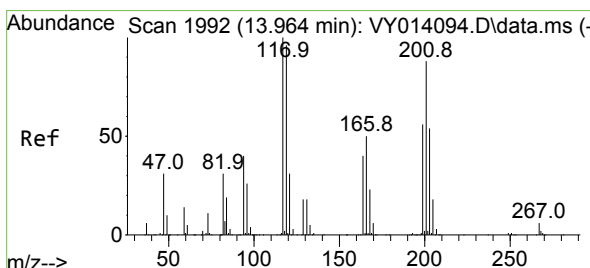
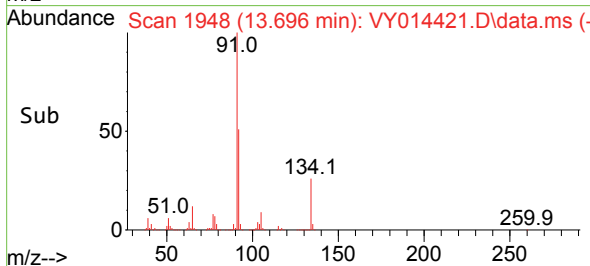
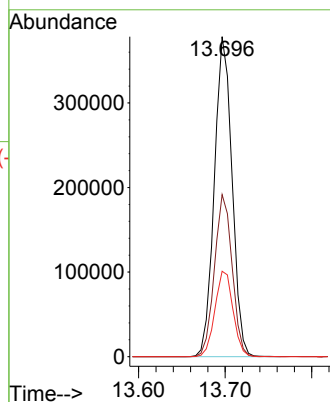
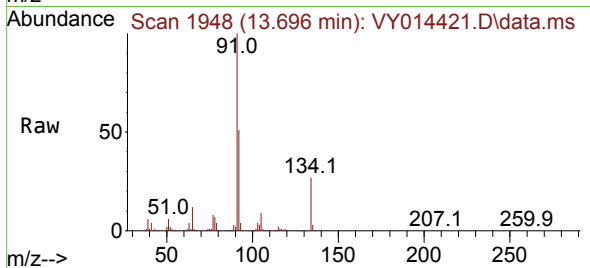
Tgt Ion: 91 Resp: 537761

Ion Ratio Lower Upper

91 100

92 50.5 25.4 76.0

134 27.3 12.6 37.6



#90

Hexachloroethane

Concen: 47.135 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.001 min

Lab File: VY014421.D

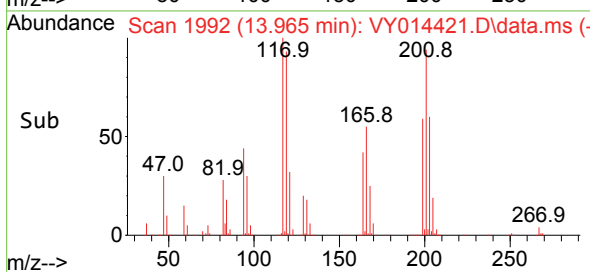
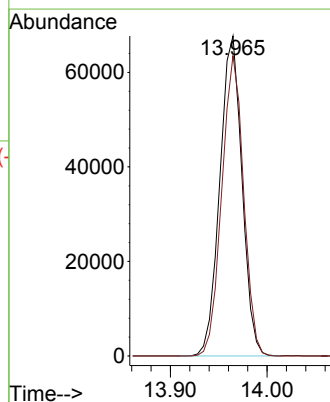
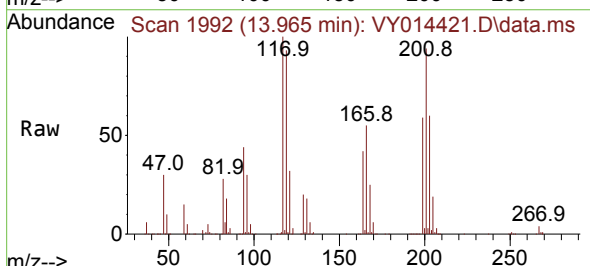
Acq: 26 Jun 2023 09:36

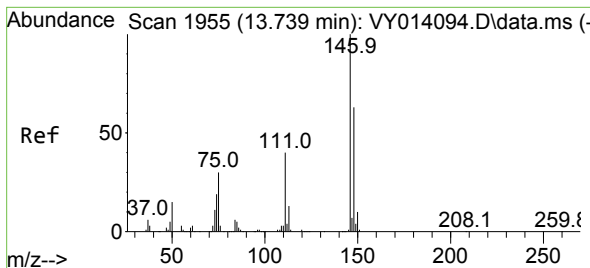
Tgt Ion: 117 Resp: 107642

Ion Ratio Lower Upper

117 100

201 92.0 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 48.969 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

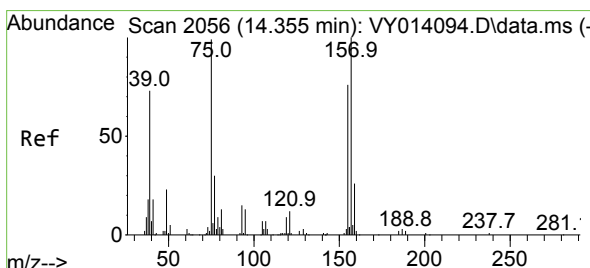
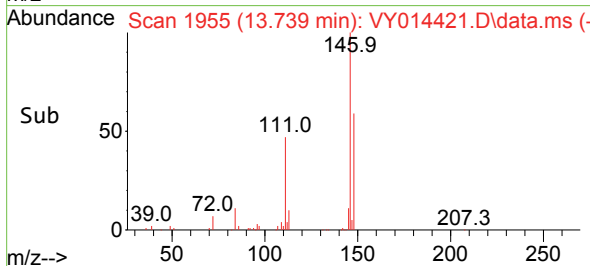
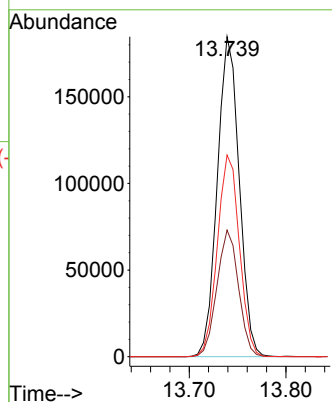
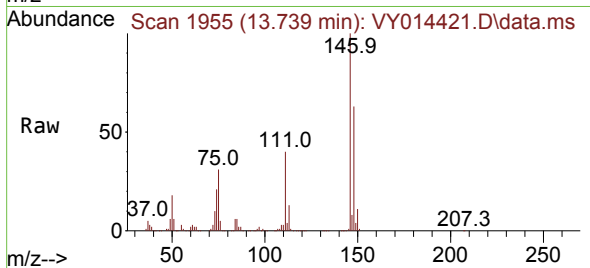
Tgt Ion:146 Resp: 289849

Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.0

148 63.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.357 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

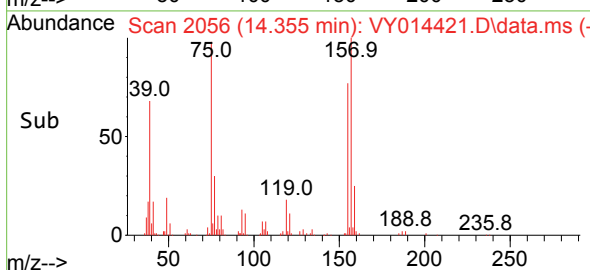
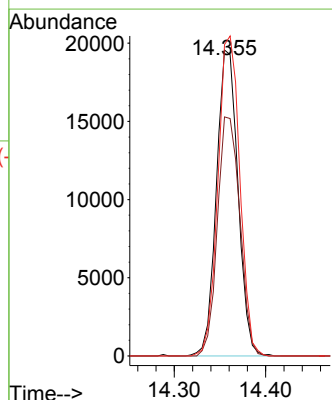
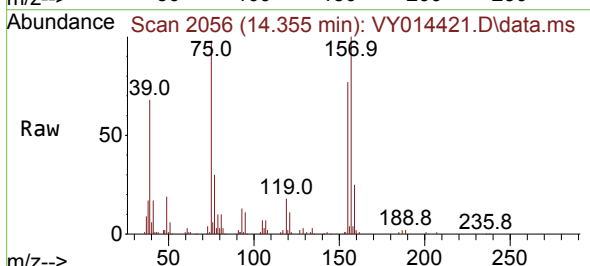
Tgt Ion: 75 Resp: 31972

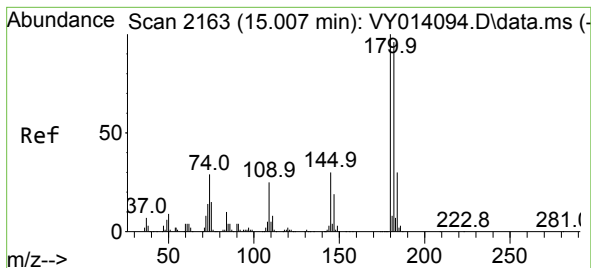
Ion Ratio Lower Upper

75 100

155 81.6 41.5 124.6

157 106.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.472 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

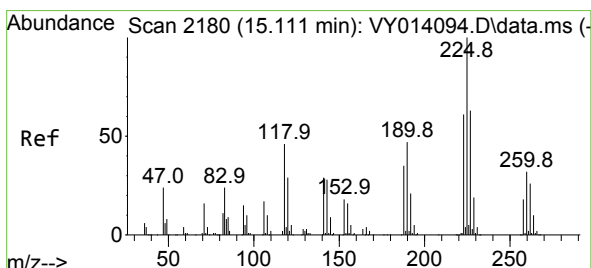
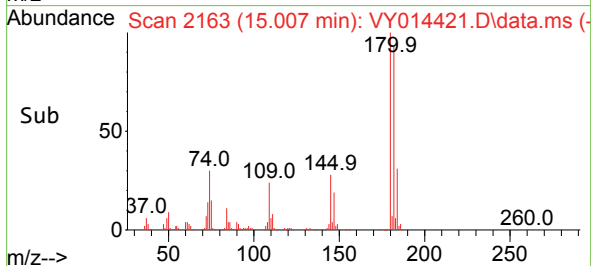
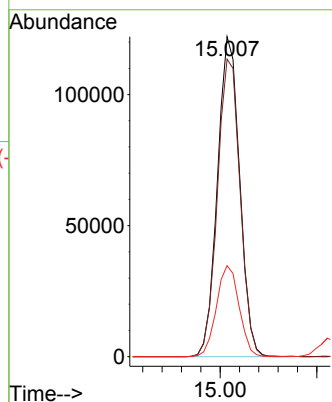
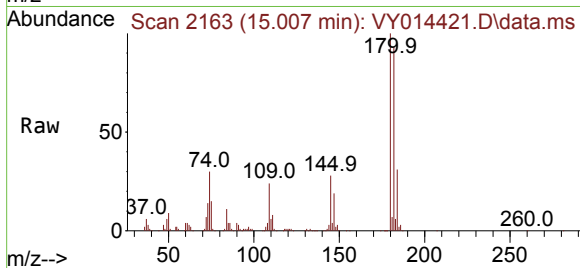
Tgt Ion:180 Resp: 194091

Ion Ratio Lower Upper

180 100

182 95.0 47.0 141.2

145 29.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 49.201 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014421.D

Acq: 26 Jun 2023 09:36

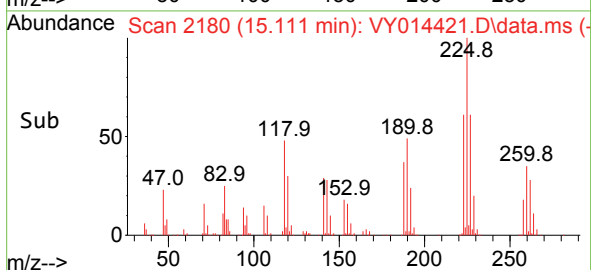
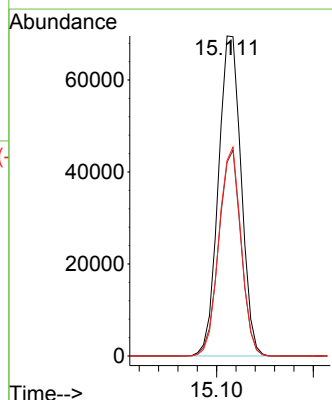
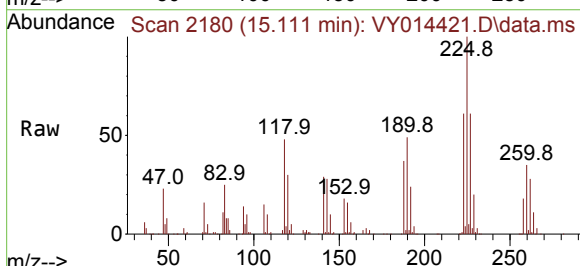
Tgt Ion:225 Resp: 113652

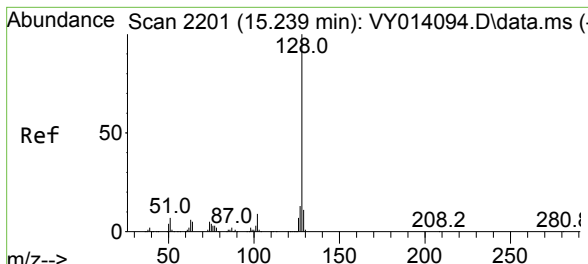
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.9

227 63.3 33.0 98.9

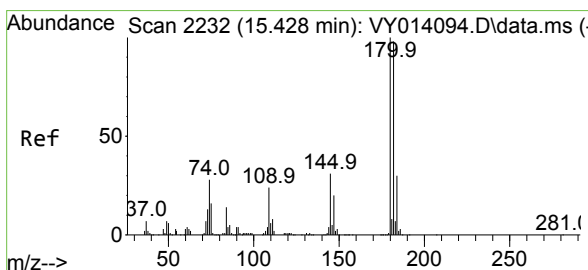
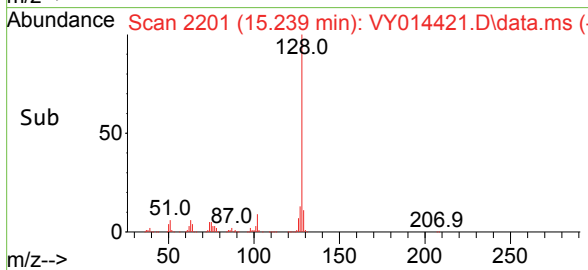
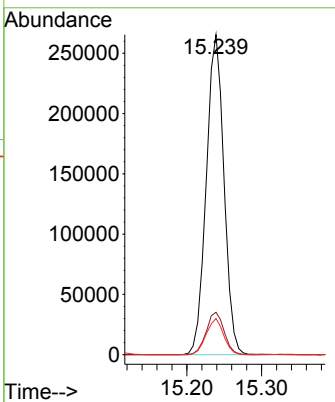
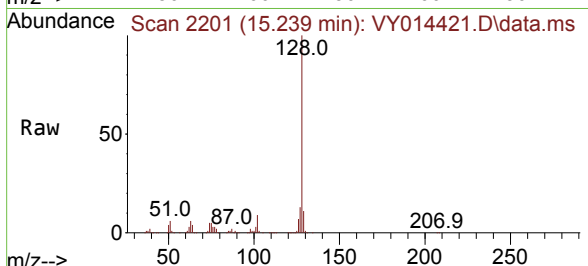




#95
 Naphthalene
 Concen: 52.749 ug/l
 RT: 15.239 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY014421.D
 Acq: 26 Jun 2023 09:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	128	Resp:	436117
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.8	16.2
129	11.1	8.6	13.0



#96
 1,2,3-Trichlorobenzene
 Concen: 50.068 ug/l
 RT: 15.428 min Scan# 2232
 Delta R.T. -0.000 min
 Lab File: VY014421.D
 Acq: 26 Jun 2023 09:36

Tgt Ion:	180	Resp:	175314
Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	141.8
145	31.2	15.4	46.2

