

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
 Data File : VY014488.D
 Acq On : 29 Jun 2023 09:38
 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 30 04:05:11 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	254515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	366304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	343792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	189185	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	154015	48.738	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.480%
35) Dibromofluoromethane	7.716	113	121750	53.798	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.600%
50) Toluene-d8	10.179	98	474842	52.783	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.560%
62) 4-Bromofluorobenzene	12.477	95	169043	52.634	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	102521	43.394	ug/l	97
3) Chloromethane	2.113	50	105599	45.674	ug/l	98
4) Vinyl Chloride	2.253	62	118010	46.832	ug/l	98
5) Bromomethane	2.650	94	98075	44.297	ug/l	97
6) Chloroethane	2.790	64	81049	48.558	ug/l	96
7) Trichlorofluoromethane	3.125	101	243691	48.982	ug/l	100
8) Diethyl Ether	3.528	74	71460	47.111	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	117050	49.780	ug/l	96
10) Methyl Iodide	4.095	142	146552	47.325	ug/l	96
11) Tert butyl alcohol	4.954	59	88387	217.593	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	116650	49.750	ug/l	96
13) Acrolein	3.729	56	133348	314.567	ug/l	99
14) Allyl chloride	4.479	41	182776	48.808	ug/l	94
15) Acrylonitrile	5.161	53	204646	241.277	ug/l	99
16) Acetone	3.948	43	283349	284.958	ug/l	100
17) Carbon Disulfide	4.192	76	349266	48.135	ug/l	99
18) Methyl Acetate	4.473	43	158806	46.456	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	357962	49.635	ug/l	96
20) Methylene Chloride	4.710	84	132950	45.834	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	130913	50.778	ug/l	99
22) Diisopropyl ether	6.119	45	383299	51.506	ug/l	95
23) Vinyl Acetate	6.058	43	1172462	308.579	ug/l	97
24) 1,1-Dichloroethane	6.015	63	219457	49.661	ug/l	98
25) 2-Butanone	6.984	43	320197	258.537	ug/l	99
26) 2,2-Dichloropropane	6.978	77	231979	49.646	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	147771	50.917	ug/l	96
28) Bromochloromethane	7.332	49	97066	50.365	ug/l	86
29) Tetrahydrofuran	7.350	42	179770	243.429	ug/l	91
30) Chloroform	7.502	83	255321	51.218	ug/l	96
31) Cyclohexane	7.783	56	185544	47.536	ug/l	95
32) 1,1,1-Trichloroethane	7.698	97	241601	50.917	ug/l	98
36) 1,1-Dichloropropene	7.917	75	183868	52.723	ug/l	99
37) Ethyl Acetate	7.070	43	121304	50.471	ug/l	97
38) Carbon Tetrachloride	7.899	117	232200	52.909	ug/l	98
39) Methylcyclohexane	9.179	83	213790	53.283	ug/l	96
40) Benzene	8.161	78	524798	53.131	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	174893	146.833	ug/l #	41
42) 1,2-Dichloroethane	8.234	62	193692	51.721	ug/l	99
43) Isopropyl Acetate	8.271	43	213849	50.390	ug/l	97
44) Trichloroethene	8.941	130	146937	51.813	ug/l	94
45) 1,2-Dichloropropane	9.216	63	126646	54.379	ug/l	100
46) Dibromomethane	9.301	93	84263	52.944	ug/l	97
47) Bromodichloromethane	9.496	83	198197	53.429	ug/l	98
48) Methyl methacrylate	9.295	41	100557	51.017	ug/l	94
49) 1,4-Dioxane	9.295	88	25957	1043.062	ug/l #	66
51) 4-Methyl-2-Pentanone	10.069	43	626960	261.756	ug/l	98
52) Toluene	10.240	92	340714	53.610	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	209461	52.082	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	220012	53.036	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	114748	53.843	ug/l	96
56) Ethyl methacrylate	10.508	69	162060	53.246	ug/l	96
57) 1,3-Dichloropropane	10.788	76	190432	53.125	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	384712	269.841	ug/l	94
59) 2-Hexanone	10.831	43	503217	278.811	ug/l	98
60) Dibromochloromethane	10.984	129	153755	54.386	ug/l	100
61) 1,2-Dibromoethane	11.087	107	113741	53.603	ug/l	100
64) Tetrachloroethene	10.715	164	153044	52.313	ug/l	95
65) Chlorobenzene	11.514	112	368862	52.225	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	151114	53.114	ug/l	98
67) Ethyl Benzene	11.593	91	669961	53.269	ug/l	98
68) m/p-Xylenes	11.703	106	526289	107.137	ug/l	98
69) o-Xylene	12.026	106	249631	53.406	ug/l	100
70) Styrene	12.044	104	431490	53.860	ug/l	99
71) Bromoform	12.209	173	110436	52.521	ug/l #	99
73) Isopropylbenzene	12.331	105	669508	52.556	ug/l	100
74) N-amyl acetate	12.142	43	202372	50.162	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	139259	51.153	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	199675	84.138	ug/l #	100
77) Bromobenzene	12.605	156	170551	51.492	ug/l	94
78) n-propylbenzene	12.672	91	808396	52.600	ug/l	99
79) 2-Chlorotoluene	12.758	91	456265	51.983	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	576314	52.298	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	52725	50.581	ug/l	97
82) 4-Chlorotoluene	12.855	91	480625	51.402	ug/l	99
83) tert-Butylbenzene	13.075	119	493130	52.198	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	573666	52.535	ug/l	99
85) sec-Butylbenzene	13.251	105	718881	52.620	ug/l	99
86) p-Isopropyltoluene	13.367	119	617924	52.240	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	330877	51.791	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	331032	51.541	ug/l	99
89) n-Butylbenzene	13.696	91	560943	51.903	ug/l	99
90) Hexachloroethane	13.959	117	116509	51.776	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	303345	52.011	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	29485	49.003	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	188432	49.729	ug/l	98
94) Hexachlorobutadiene	15.111	225	108785	47.794	ug/l	99
95) Naphthalene	15.233	128	410466	50.385	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	170798	49.503	ug/l	99

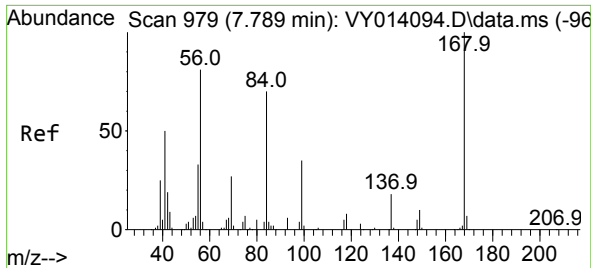
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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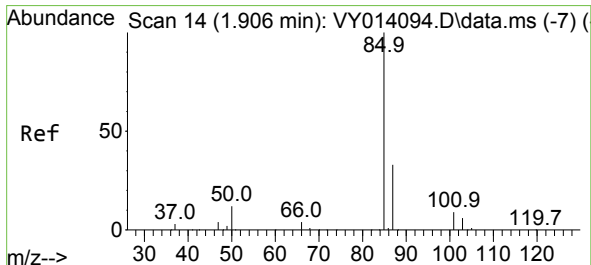
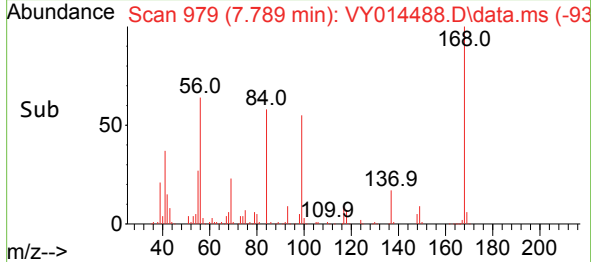
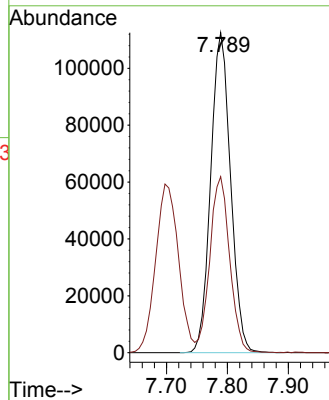
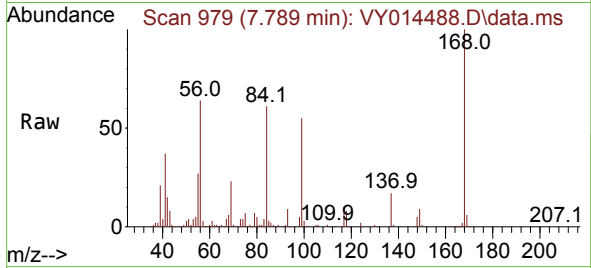
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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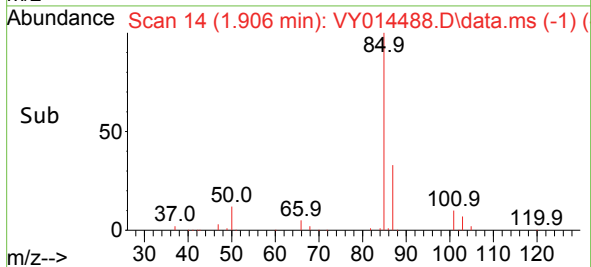
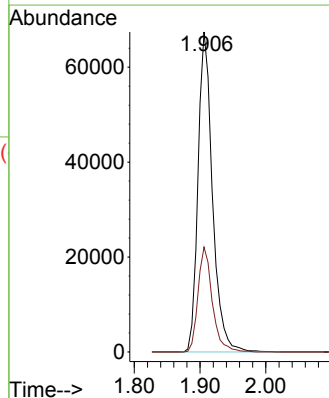
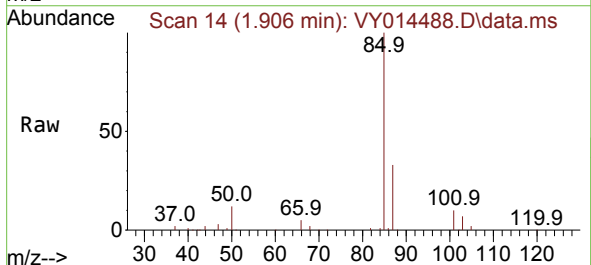
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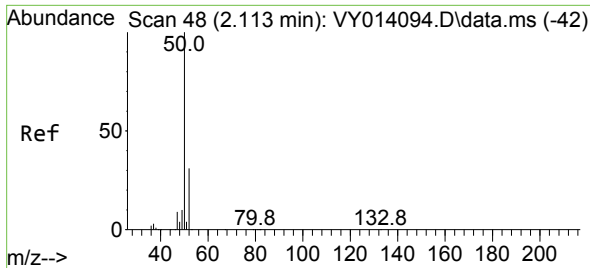
Tgt Ion:168 Resp: 254515
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 43.394 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

Tgt Ion: 85 Resp: 102521
Ion Ratio Lower Upper
85 100
87 32.8 15.6 46.8

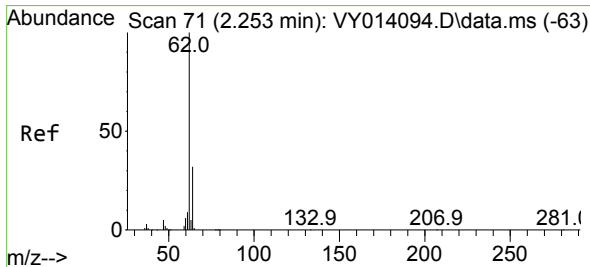
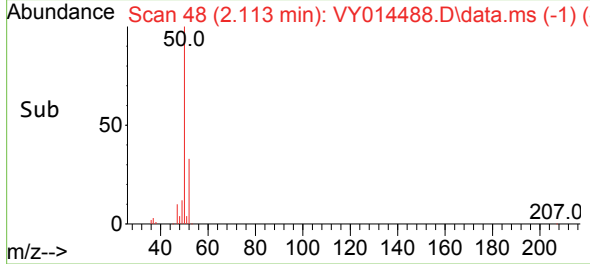
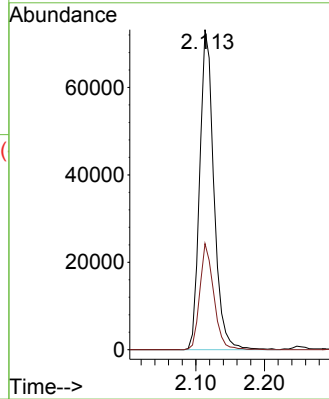
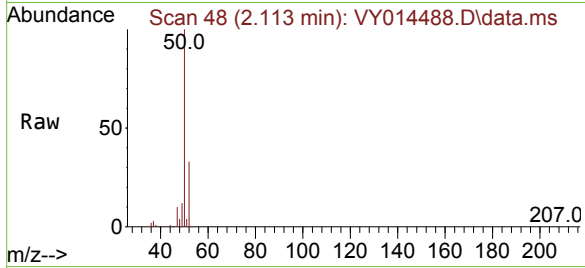




#3
Chloromethane
Concen: 45.674 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

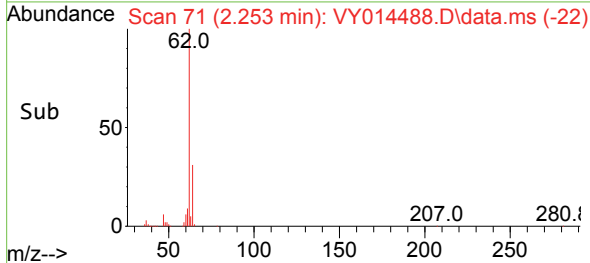
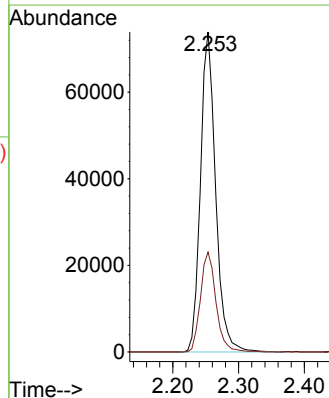
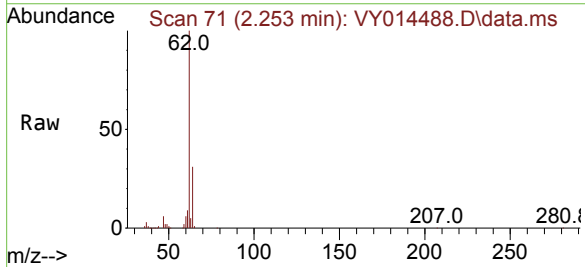
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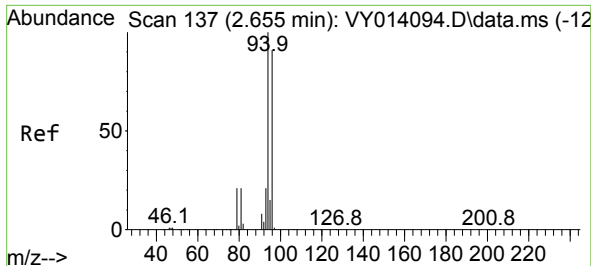
Tgt Ion: 50 Resp: 105599
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.2



#4
Vinyl Chloride
Concen: 46.832 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

Tgt Ion: 62 Resp: 118010
Ion Ratio Lower Upper
62 100
64 31.2 24.3 36.5

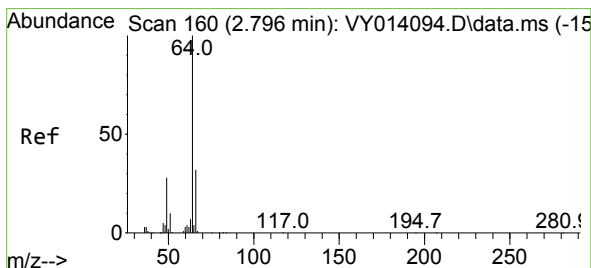
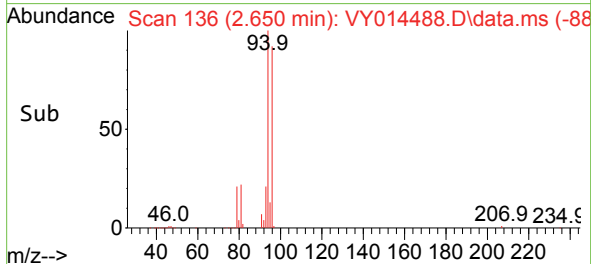
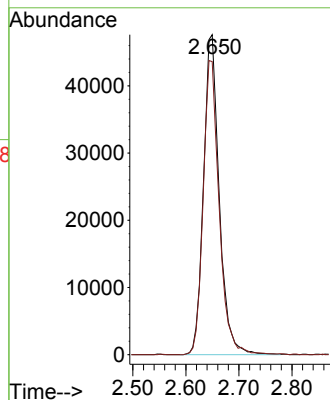
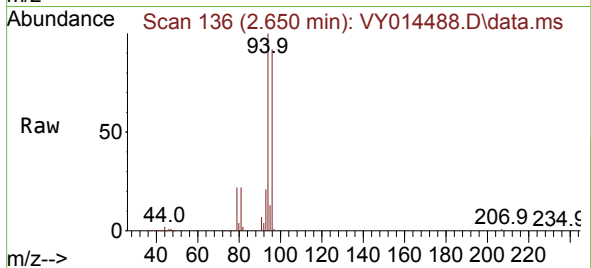




#5
Bromomethane
Concen: 44.297 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014488.D
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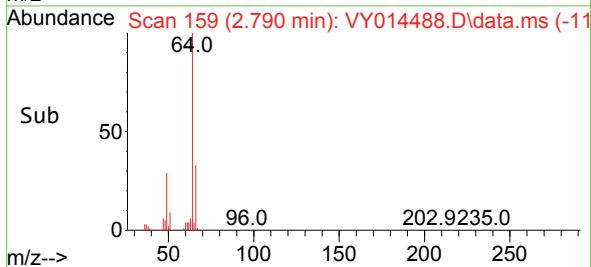
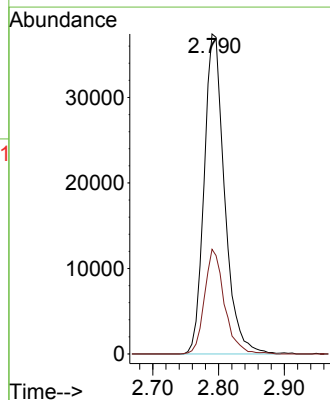
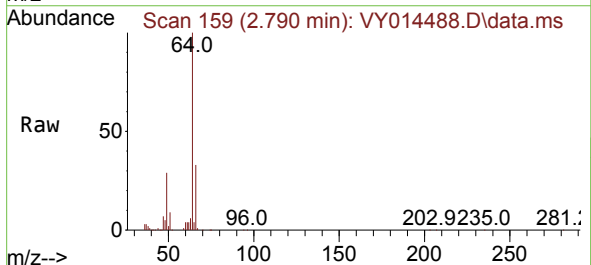
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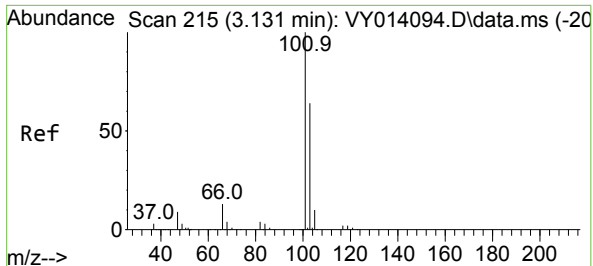
Tgt Ion: 94 Resp: 98075
Ion Ratio Lower Upper
94 100
96 91.6 75.8 113.6



#6
Chloroethane
Concen: 48.558 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

Tgt Ion: 64 Resp: 81049
Ion Ratio Lower Upper
64 100
66 32.7 24.4 36.6

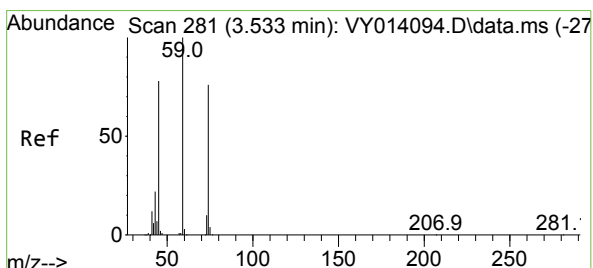
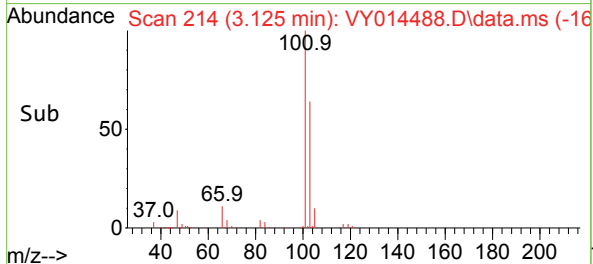
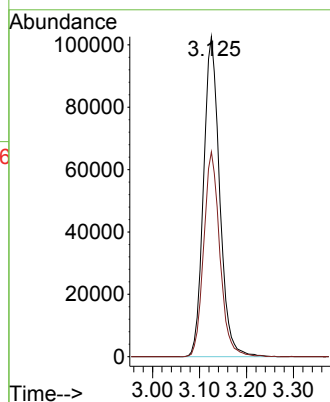
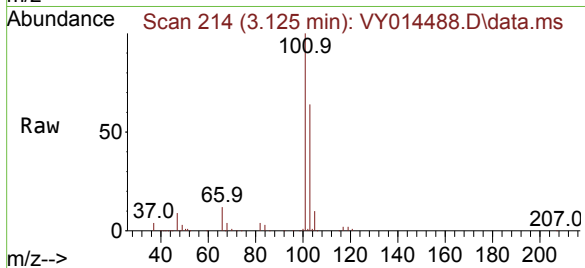




#7
Trichlorofluoromethane
Concen: 48.982 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY014488.D
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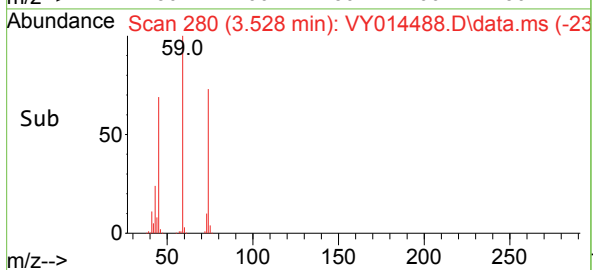
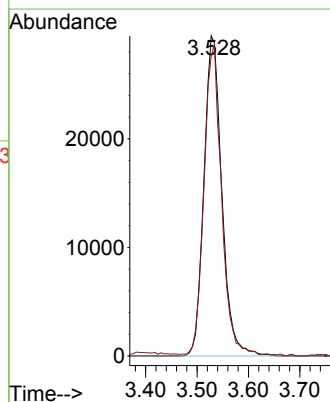
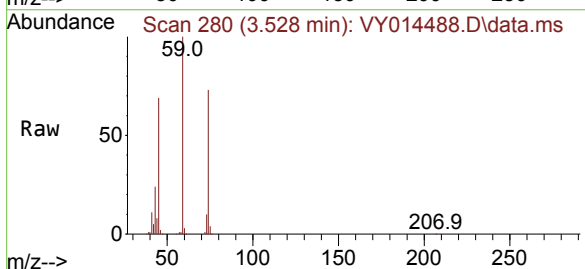
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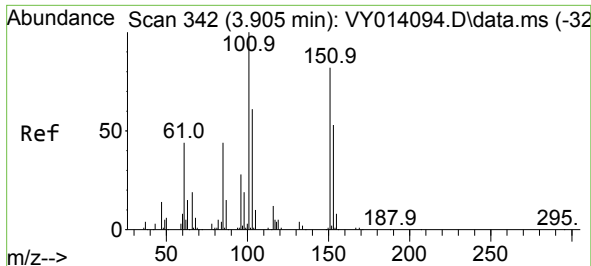
Tgt Ion:101 Resp: 243691
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.0



#8
Diethyl Ether
Concen: 47.111 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.005 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

Tgt Ion: 74 Resp: 71460
Ion Ratio Lower Upper
74 100
45 93.4 51.5 154.5

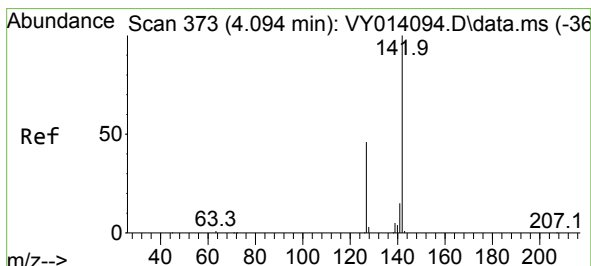
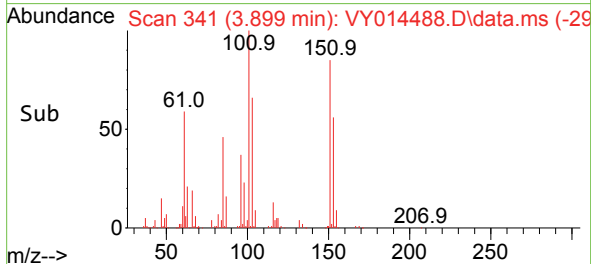
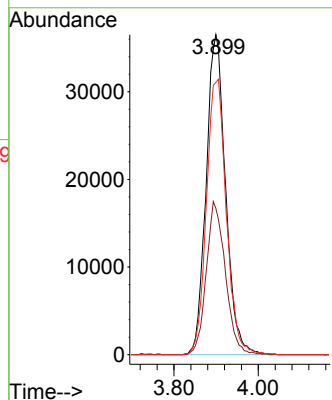
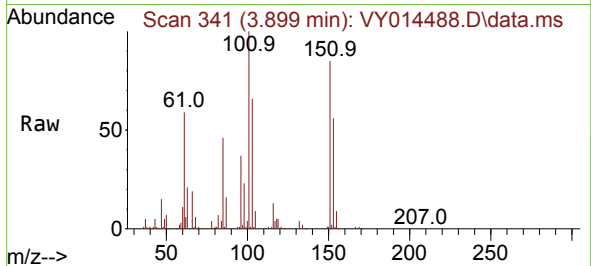




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.780 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
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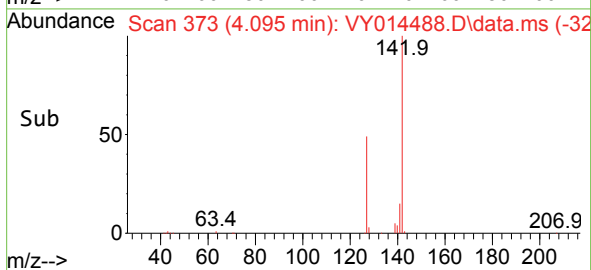
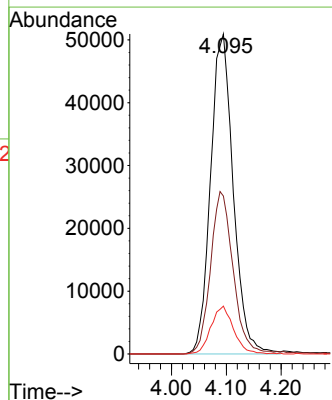
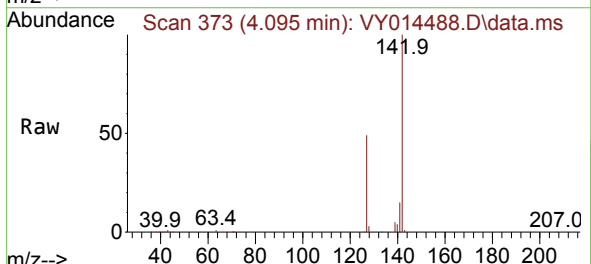
Instrument :
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ClientSampleId :
VSTDCCC050

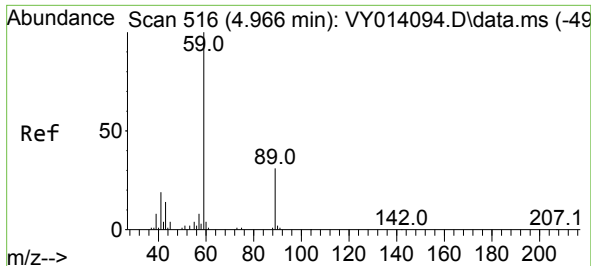
Tgt Ion:101 Resp: 117050
Ion Ratio Lower Upper
101 100
85 47.1 36.6 55.0
151 88.4 67.0 100.6



#10
Methyl Iodide
Concen: 47.325 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.001 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

Tgt Ion:142 Resp: 146552
Ion Ratio Lower Upper
142 100
127 50.4 37.6 56.4
141 14.9 11.8 17.8





#11

Tert butyl alcohol

Concen: 217.593 ug/l

RT: 4.954 min Scan# 516

Delta R.T. -0.012 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

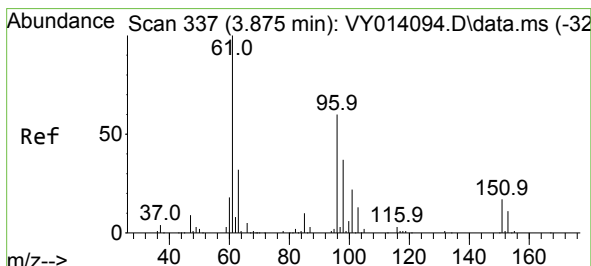
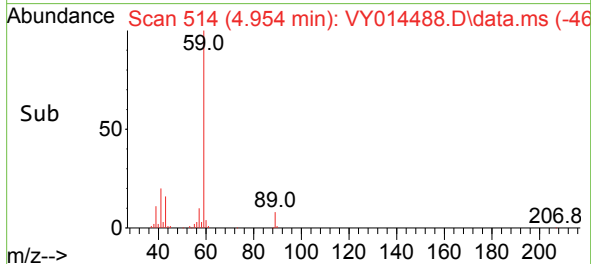
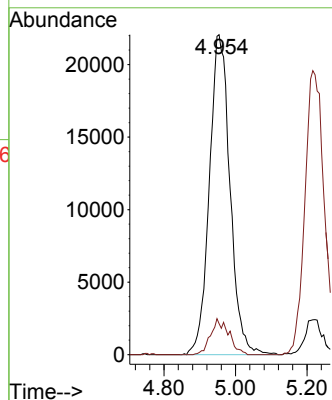
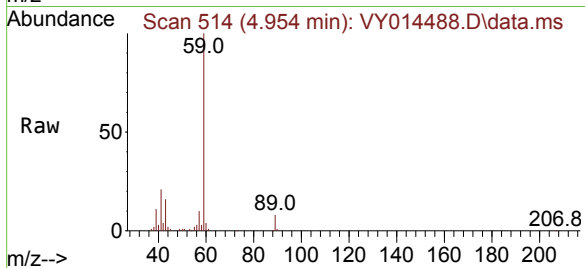
VSTDCCC050

Tgt Ion: 59 Resp: 88387

Ion Ratio Lower Upper

59 100

57 9.9 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 49.750 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

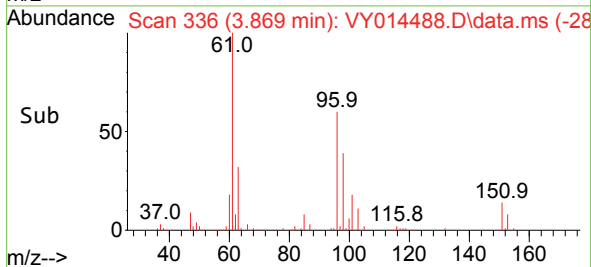
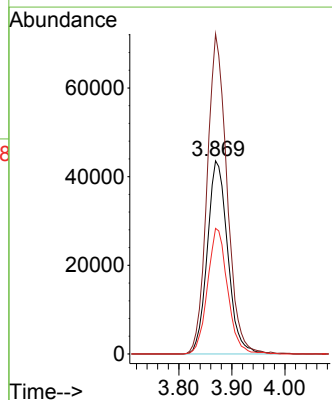
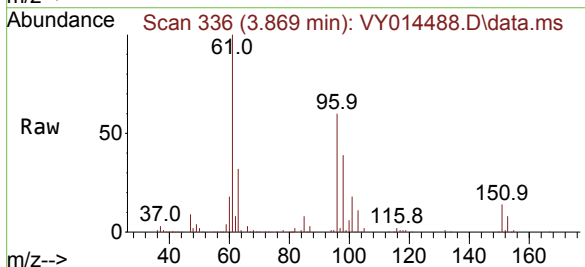
Tgt Ion: 96 Resp: 116650

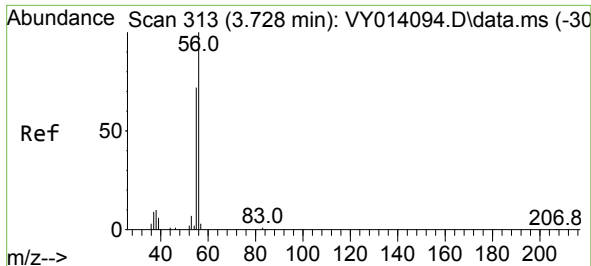
Ion Ratio Lower Upper

96 100

61 165.7 136.4 204.6

98 65.0 49.4 74.2





#13

Acrolein

Concen: 314.567 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.001 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

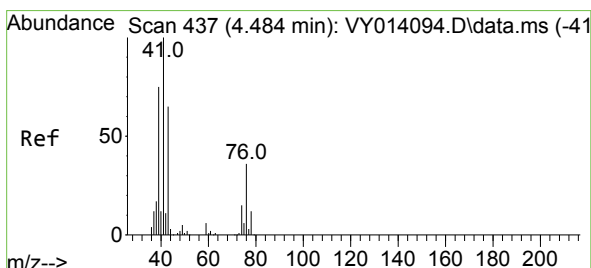
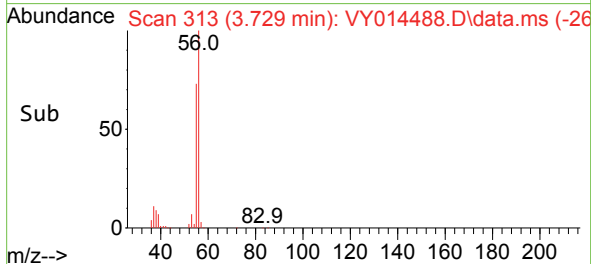
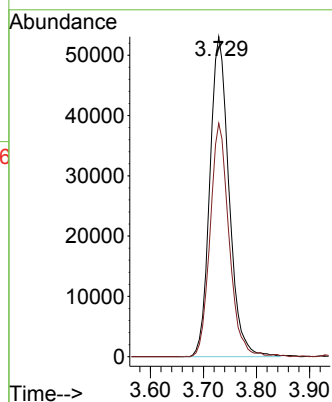
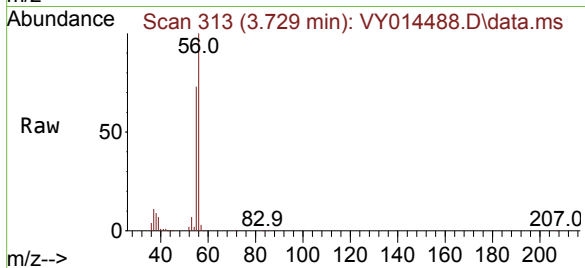
VSTDCCC050

Tgt Ion: 56 Resp: 133348

Ion Ratio Lower Upper

56 100

55 71.7 57.0 85.4



#14

Allyl chloride

Concen: 48.808 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.005 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

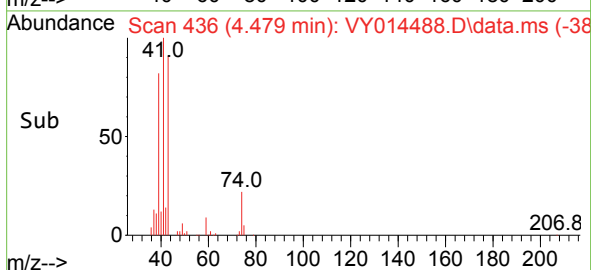
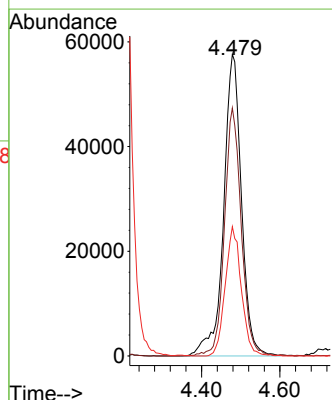
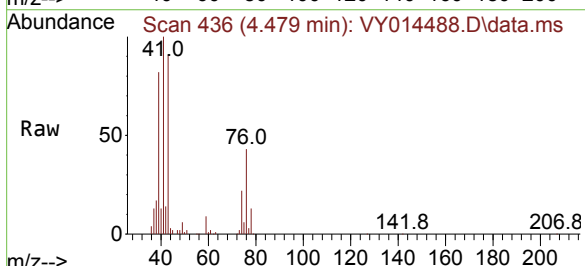
Tgt Ion: 41 Resp: 182776

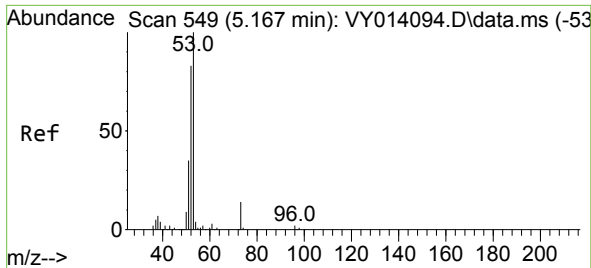
Ion Ratio Lower Upper

41 100

39 77.2 58.0 87.0

76 38.8 27.4 41.2

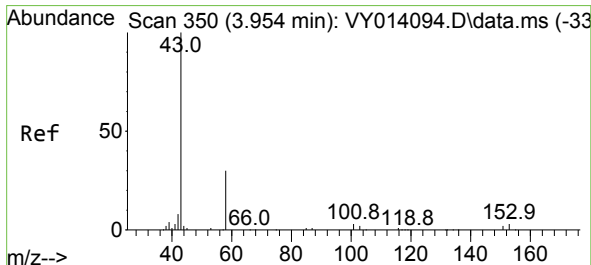
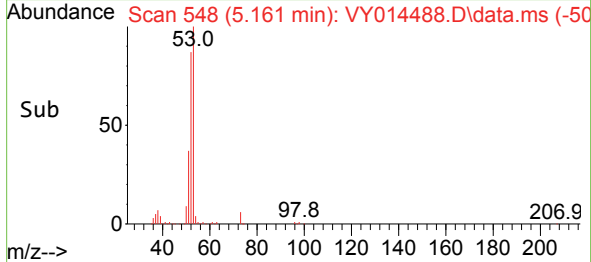
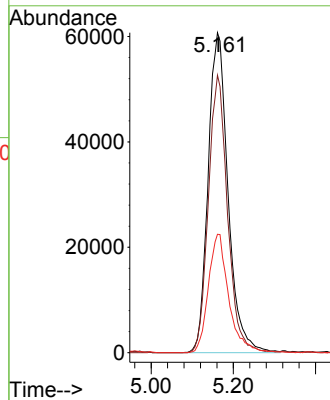
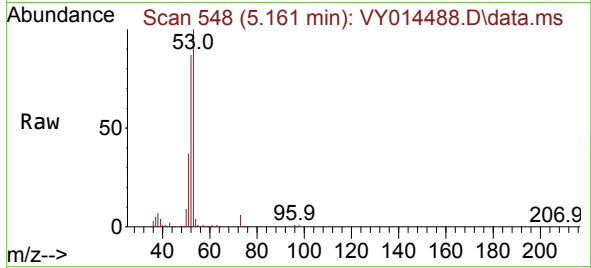




#15
Acrylonitrile
Concen: 241.277 ug/l
RT: 5.161 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

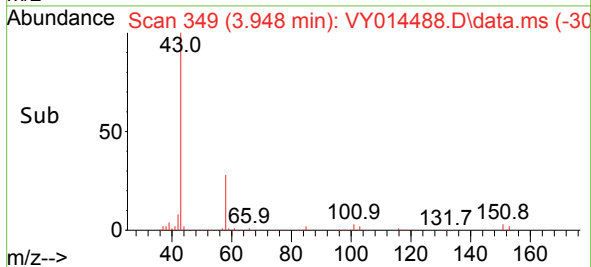
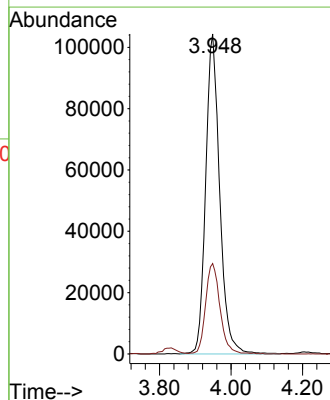
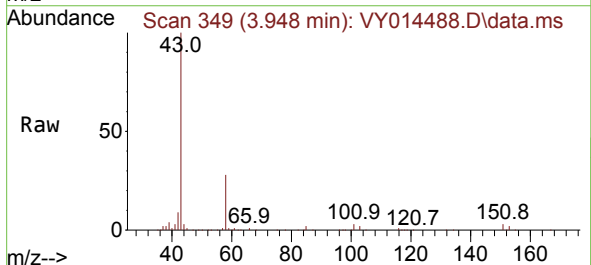
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

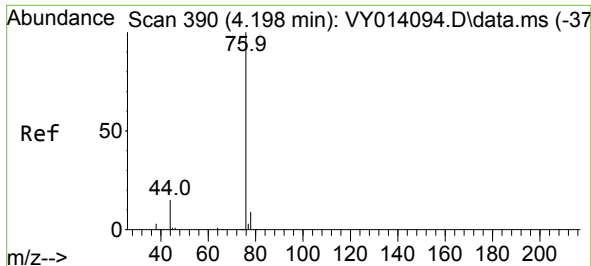
Tgt Ion: 53	Resp: 204646
Ion Ratio	Lower Upper
53 100	
52 83.3	66.9 100.3
51 37.8	29.8 44.6



#16
Acetone
Concen: 284.958 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

Tgt Ion: 43	Resp: 283349
Ion Ratio	Lower Upper
43 100	
58 28.3	22.7 34.1

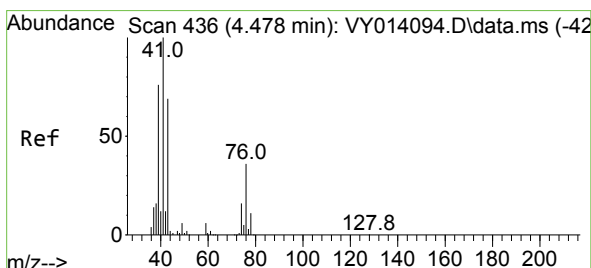
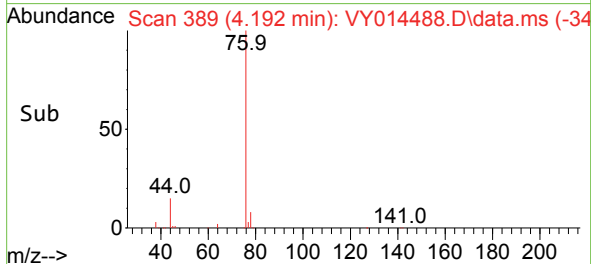
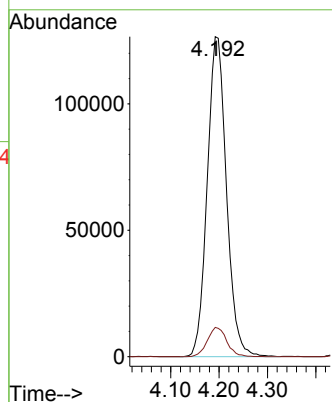
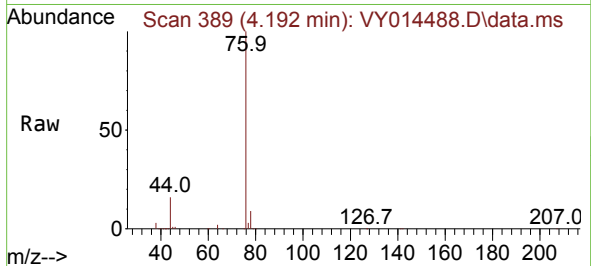




#17
Carbon Disulfide
Concen: 48.135 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

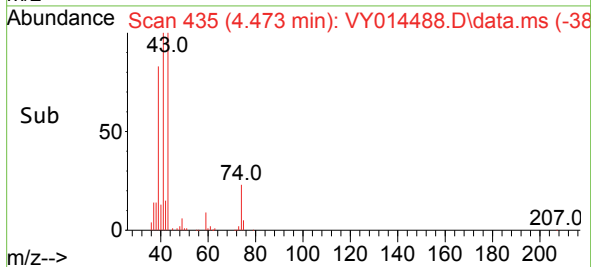
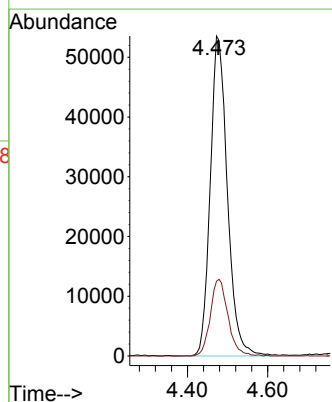
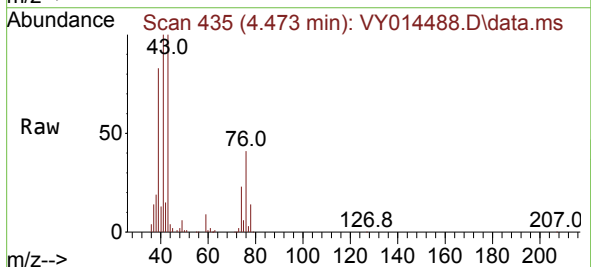
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

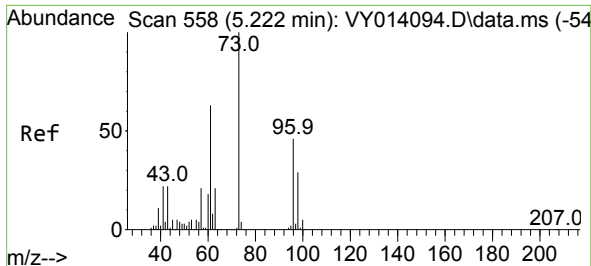
Tgt Ion: 76 Resp: 349266
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 46.456 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

Tgt Ion: 43 Resp: 158806
Ion Ratio Lower Upper
43 100
74 24.6 17.4 26.0

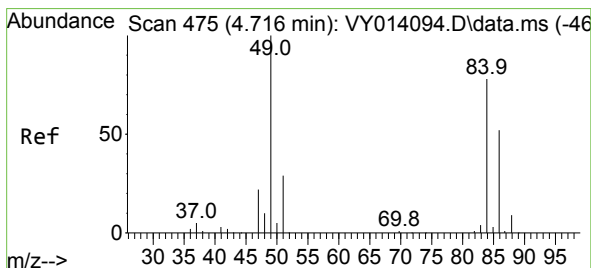
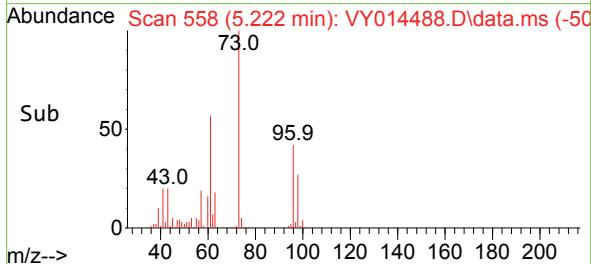
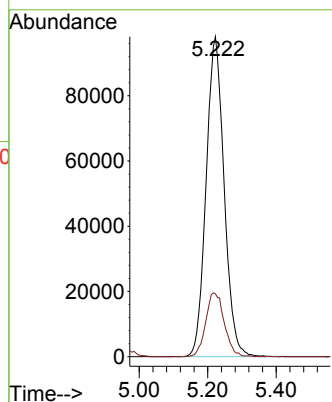
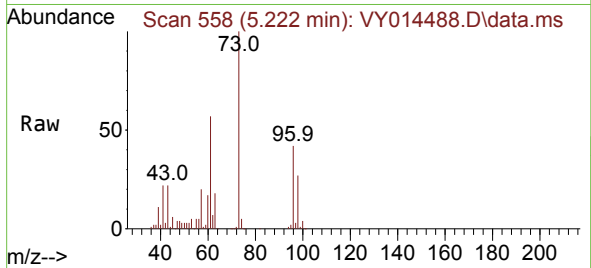




#19
Methyl tert-butyl Ether
Concen: 49.635 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

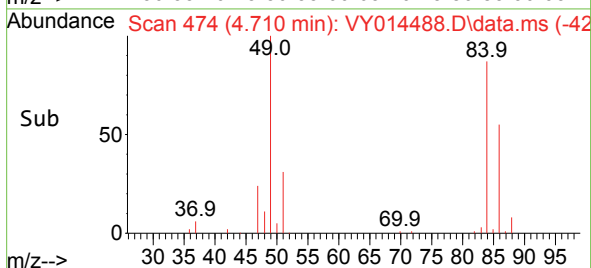
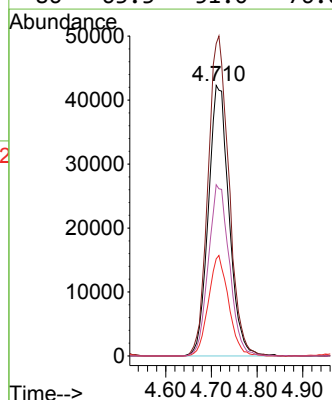
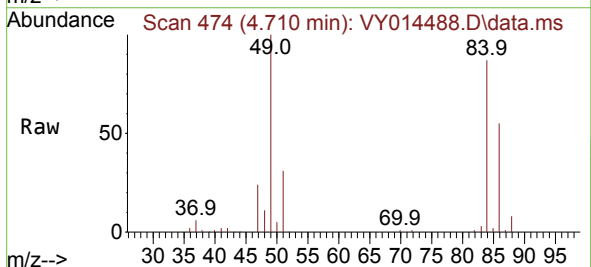
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

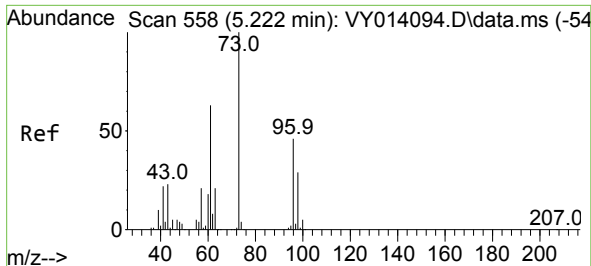
Tgt Ion: 73 Resp: 357962
Ion Ratio Lower Upper
73 100
57 19.7 17.3 25.9



#20
Methylene Chloride
Concen: 45.834 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

Tgt Ion: 84 Resp: 132950
Ion Ratio Lower Upper
84 100
49 115.5 106.9 160.3
51 35.9 33.2 49.8
86 63.3 51.0 76.6

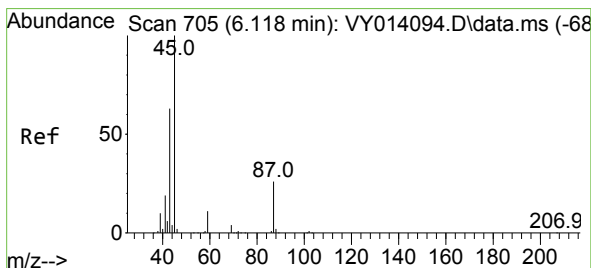
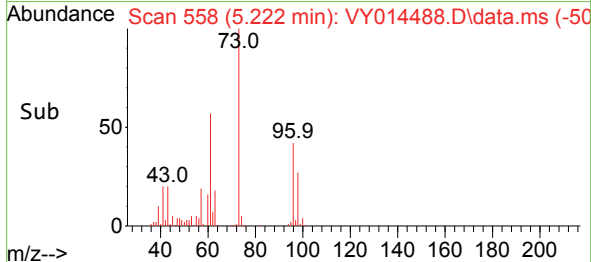
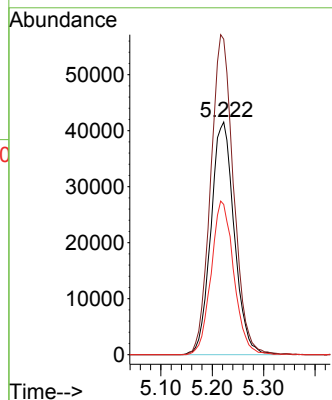
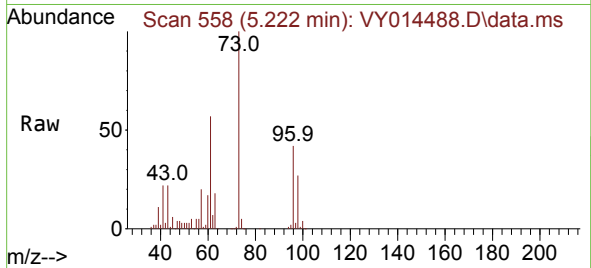




#21
trans-1,2-Dichloroethene
Concen: 50.778 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

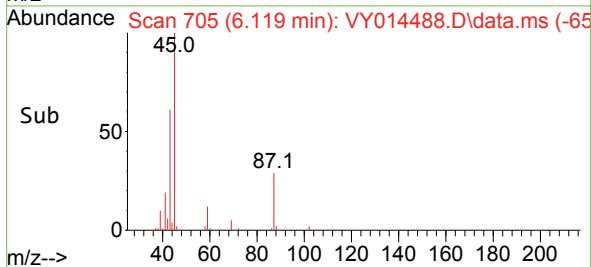
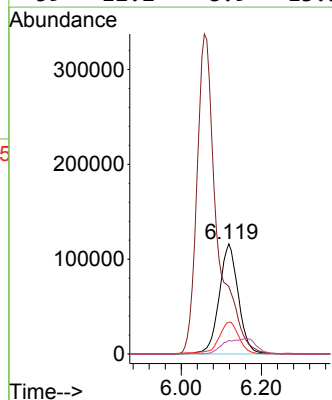
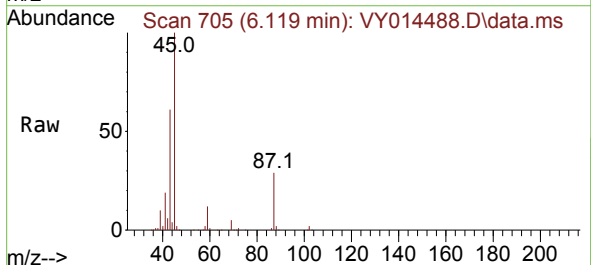
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

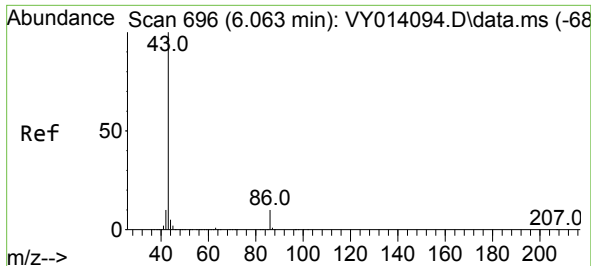
Tgt Ion: 96 Resp: 130913
Ion Ratio Lower Upper
96 100
61 135.7 110.2 165.4
98 64.6 51.8 77.6



#22
Diisopropyl ether
Concen: 51.506 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

Tgt Ion: 45 Resp: 383299
Ion Ratio Lower Upper
45 100
43 60.8 52.2 78.4
87 29.0 21.0 31.6
59 12.2 8.9 13.3

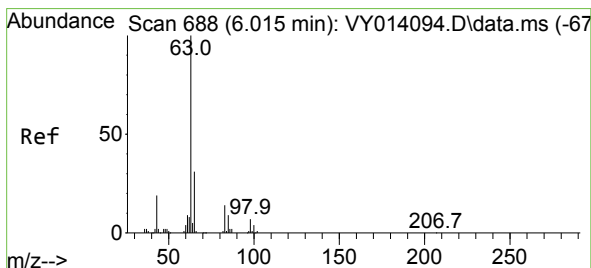
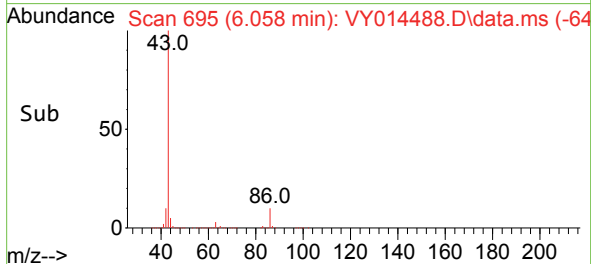
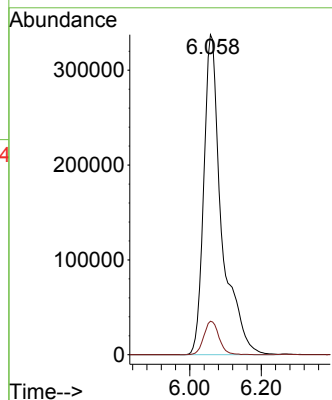
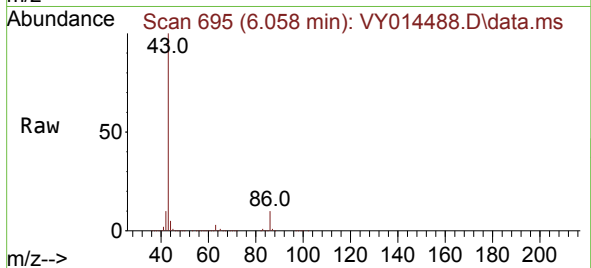




#23
 Vinyl Acetate
 Concen: 308.579 ug/l
 RT: 6.058 min Scan# 696
 Delta R.T. -0.005 min
 Lab File: VY014488.D
 Acq: 29 Jun 2023 09:38

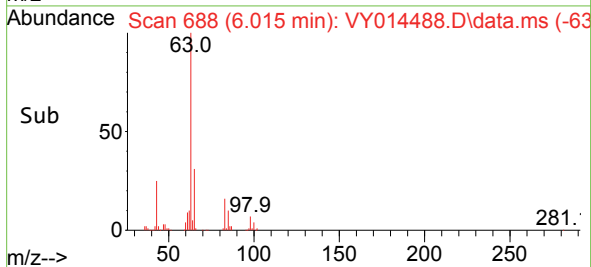
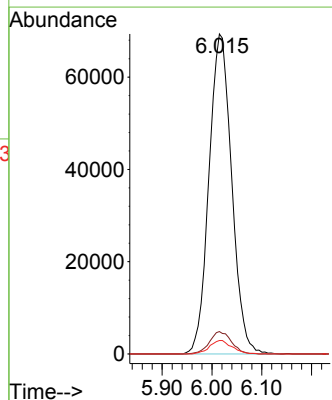
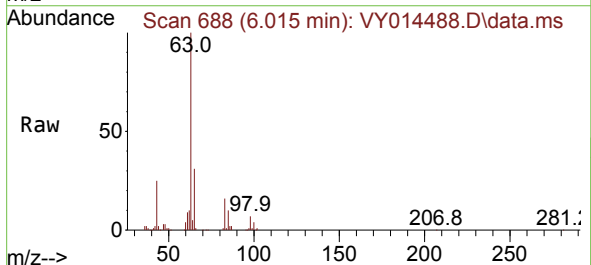
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

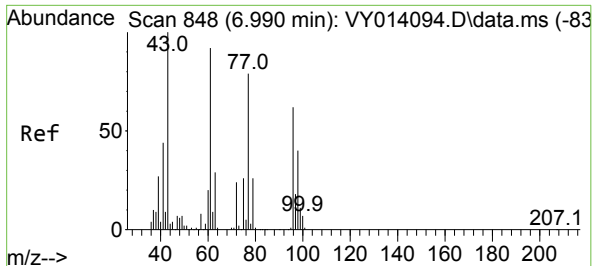
Tgt Ion: 43 Resp: 1172462
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 49.661 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY014488.D
 Acq: 29 Jun 2023 09:38

Tgt Ion: 63 Resp: 219457
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 4.2 1.8 5.5

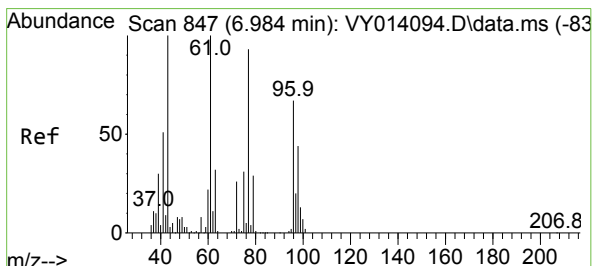
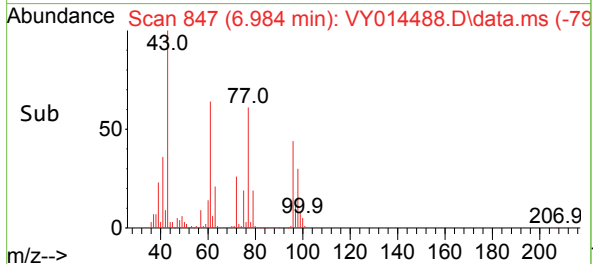
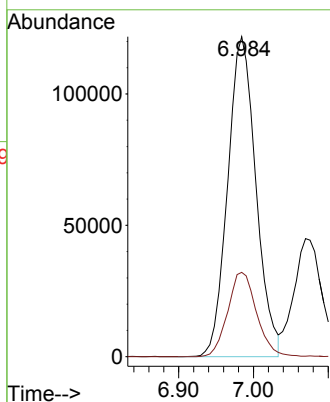
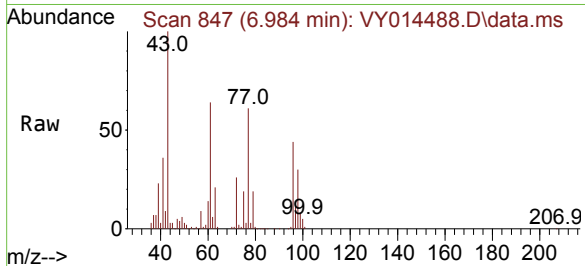




#25
2-Butanone
Concen: 258.537 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

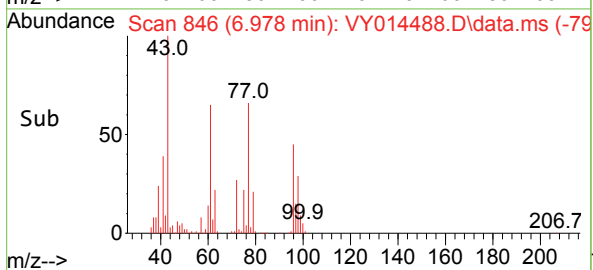
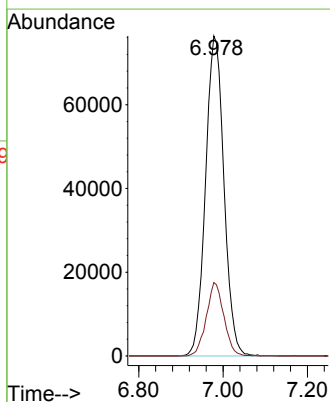
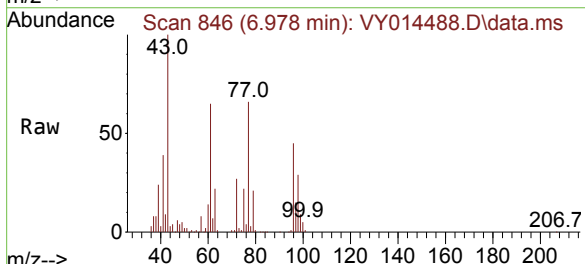
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

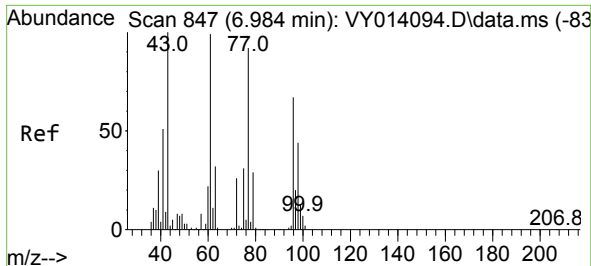
Tgt Ion: 43 Resp: 320197
Ion Ratio Lower Upper
43 100
72 26.3 20.5 30.7



#26
2,2-Dichloropropane
Concen: 49.646 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

Tgt Ion: 77 Resp: 231979
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 50.917 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

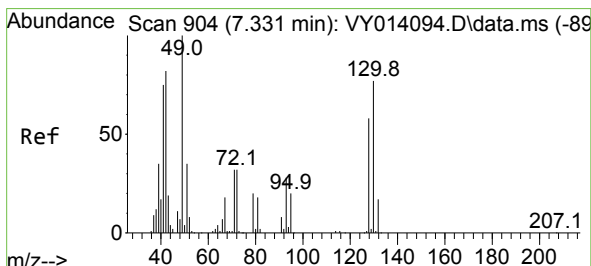
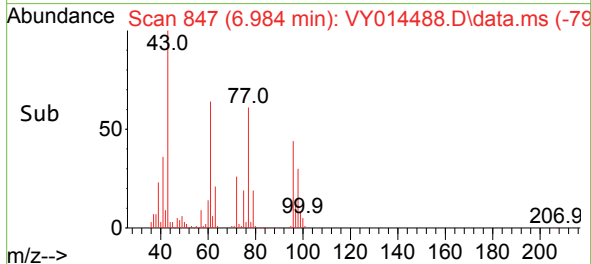
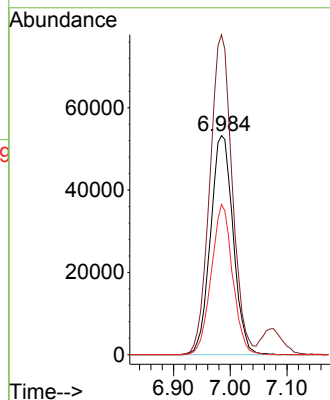
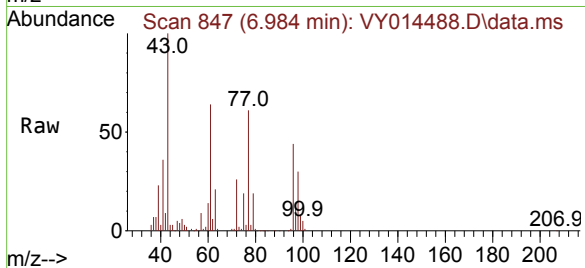
Tgt Ion: 96 Resp: 147771

Ion Ratio Lower Upper

96 100

61 144.5 0.0 301.4

98 64.6 0.0 130.4



#28

Bromochloromethane

Concen: 50.365 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.001 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

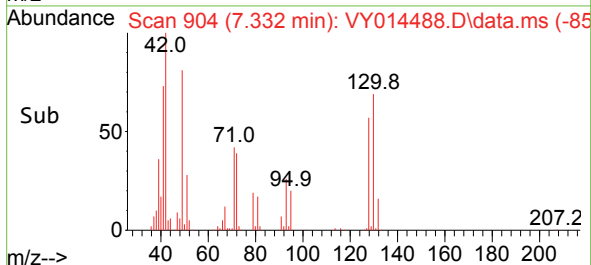
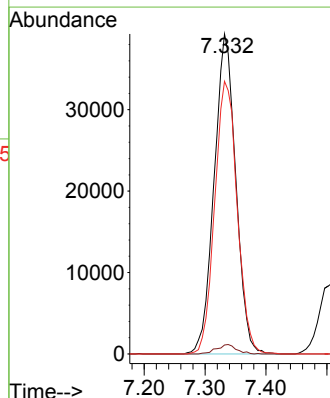
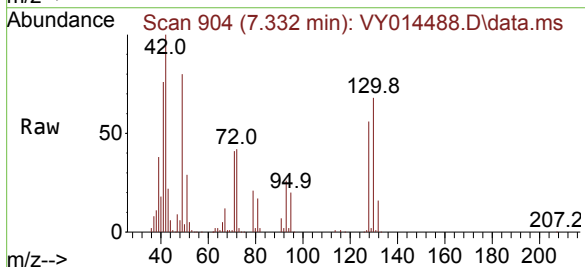
Tgt Ion: 49 Resp: 97066

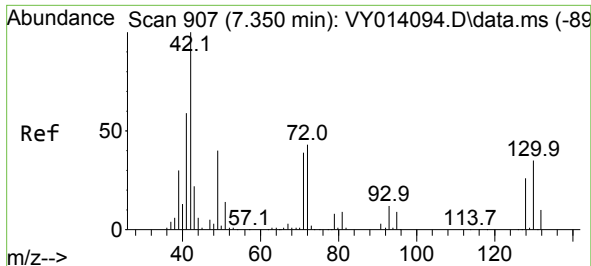
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

130 88.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 243.429 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

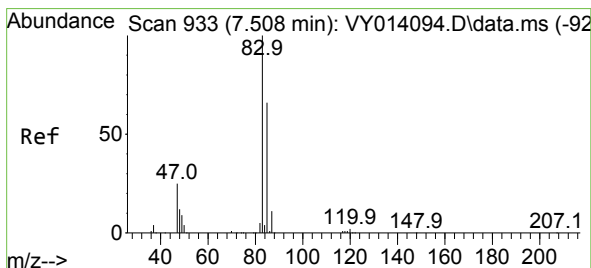
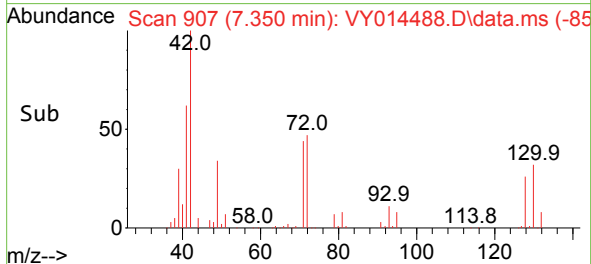
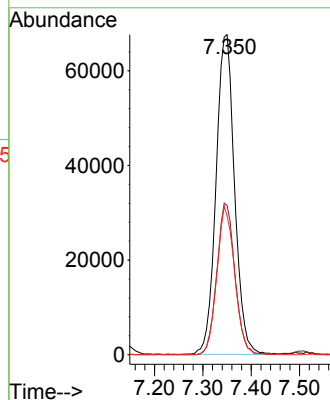
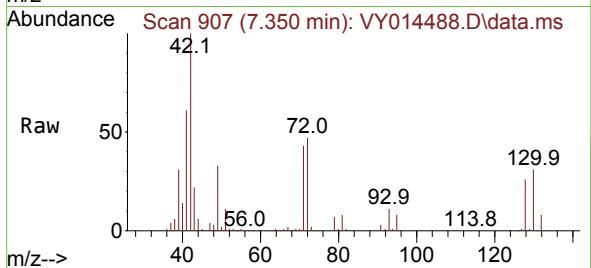
Tgt Ion: 42 Resp: 179770

Ion Ratio Lower Upper

42 100

72 46.2 32.8 49.2

71 44.4 31.0 46.4



#30

Chloroform

Concen: 51.218 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY014488.D

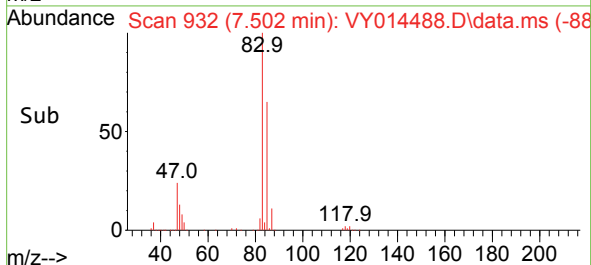
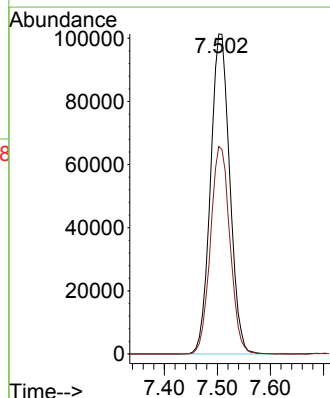
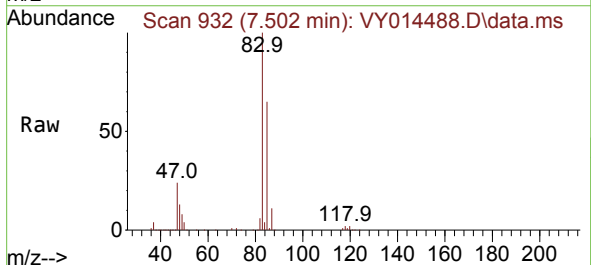
Acq: 29 Jun 2023 09:38

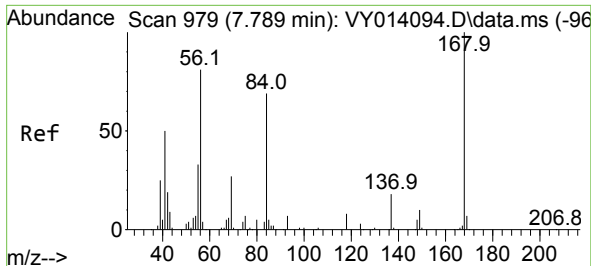
Tgt Ion: 83 Resp: 255321

Ion Ratio Lower Upper

83 100

85 64.8 49.7 74.5

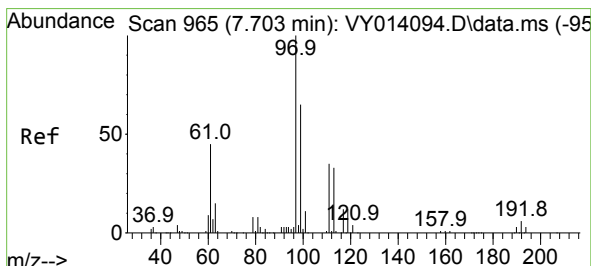
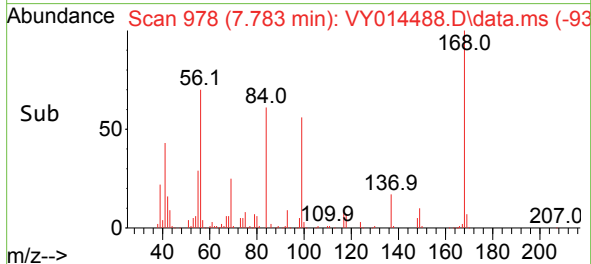
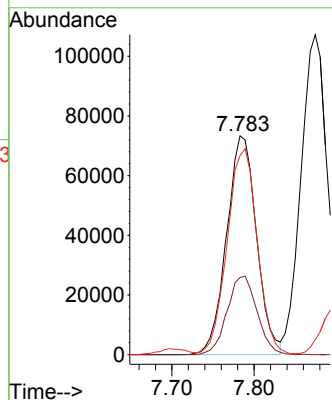
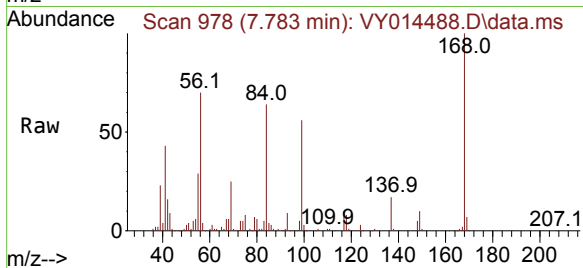




#31
Cyclohexane
Concen: 47.536 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

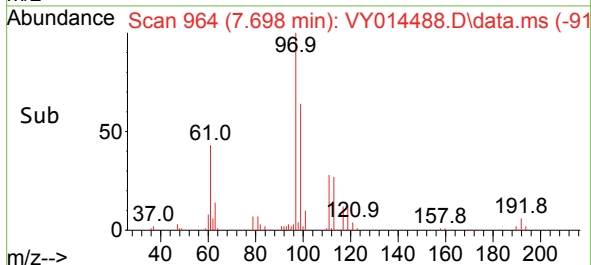
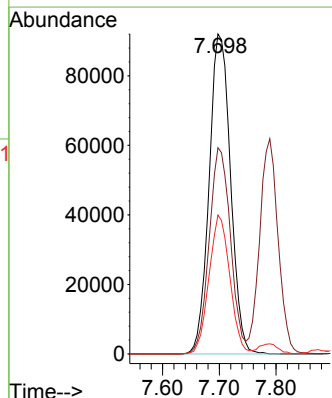
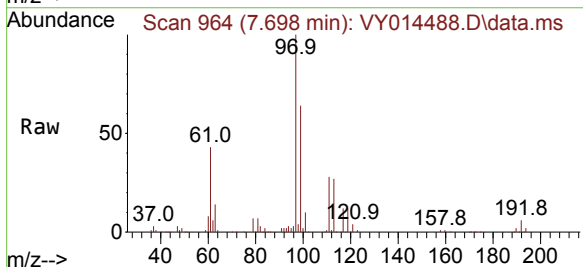
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

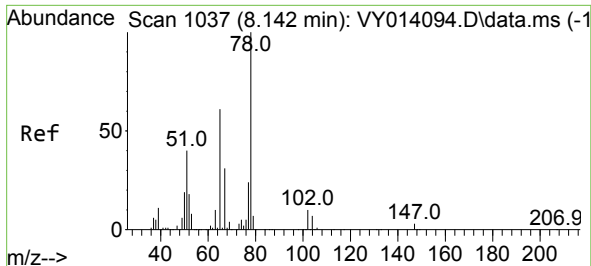
Tgt Ion: 56 Resp: 185544
Ion Ratio Lower Upper
56 100
69 35.2 27.8 41.6
84 88.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 50.917 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.005 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

Tgt Ion: 97 Resp: 241601
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 42.3 35.1 52.7

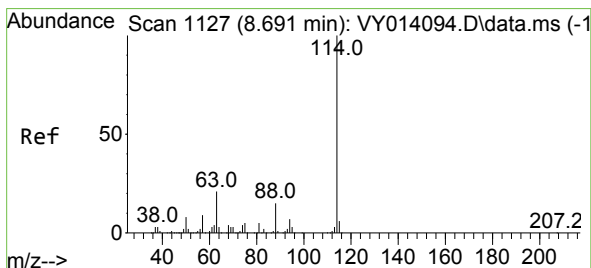
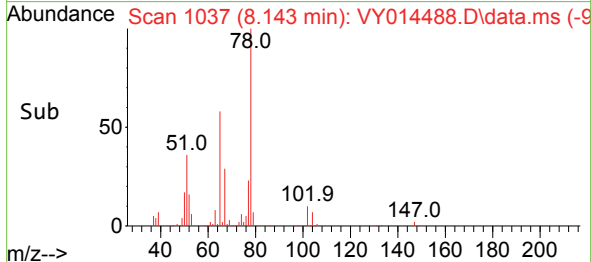
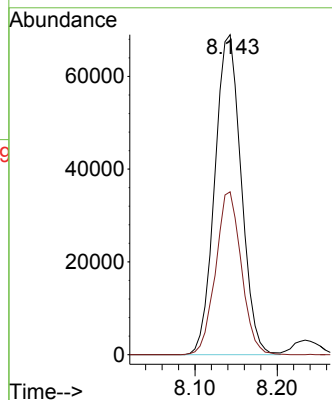
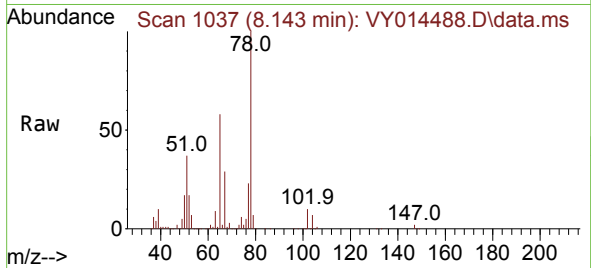




#33
 1,2-Dichloroethane-d4
 Concen: 48.738 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY014488.D
 Acq: 29 Jun 2023 09:38

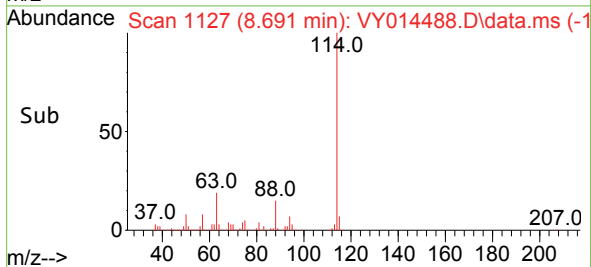
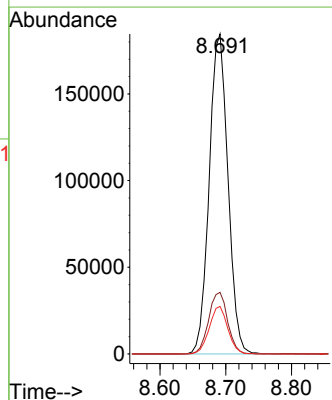
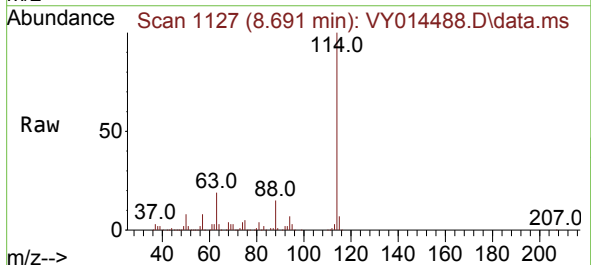
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

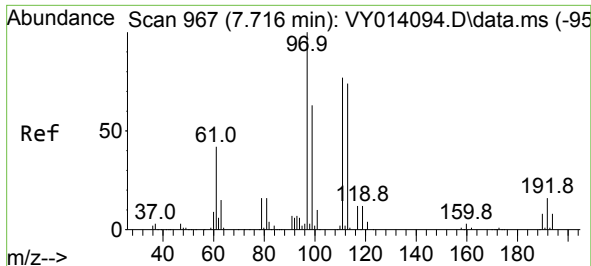
Tgt Ion: 65 Resp: 154015
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014488.D
 Acq: 29 Jun 2023 09:38

Tgt Ion: 114 Resp: 366304
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 42.4
 88 14.9 0.0 30.6

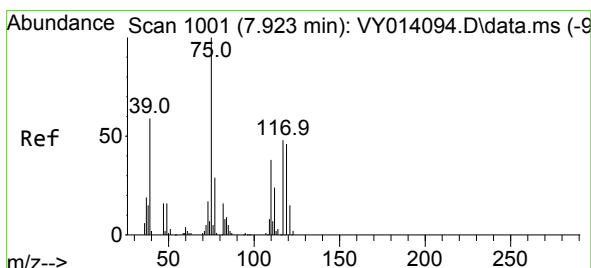
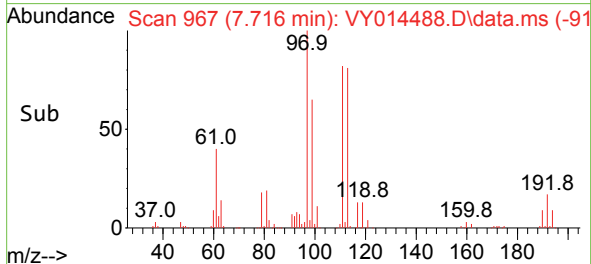
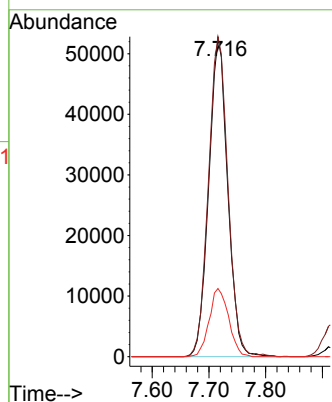
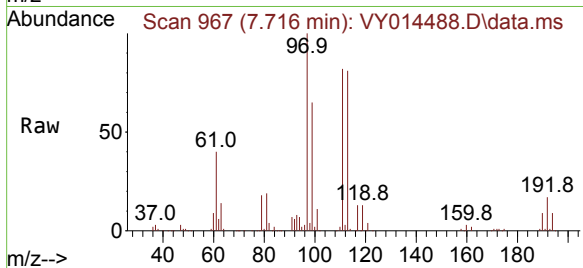




#35
Dibromofluoromethane
Concen: 53.798 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

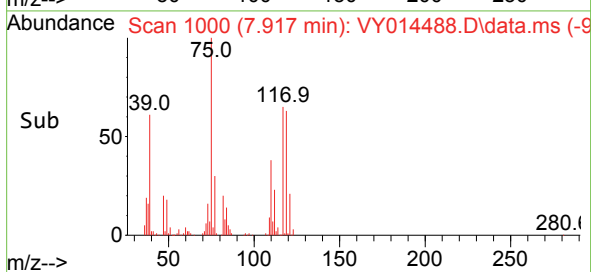
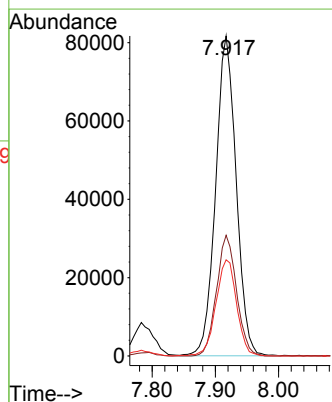
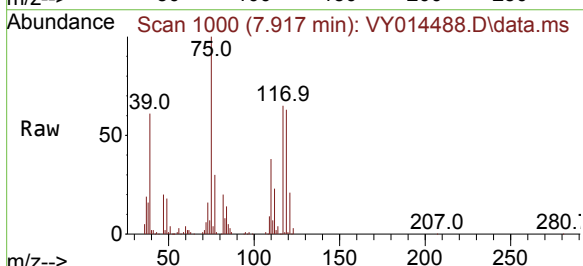
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

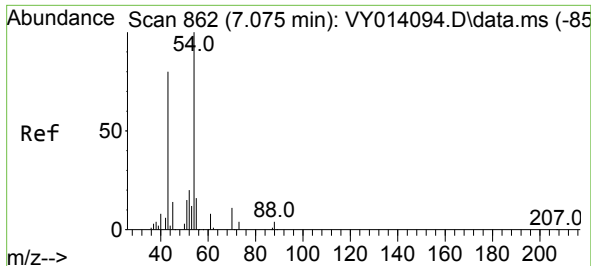
Tgt Ion:113 Resp: 121750
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 22.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 52.723 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

Tgt Ion: 75 Resp: 183868
Ion Ratio Lower Upper
75 100
110 36.8 17.8 53.5
77 30.4 24.4 36.6





#37

Ethyl Acetate

Concen: 50.471 ug/l

RT: 7.070 min Scan# 862

Delta R.T. -0.005 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

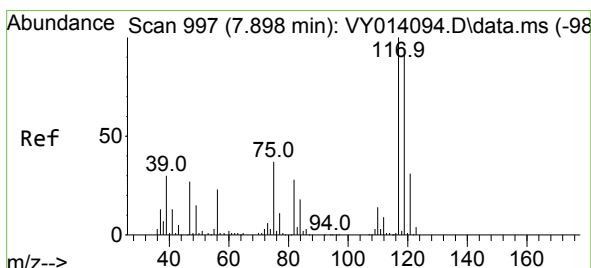
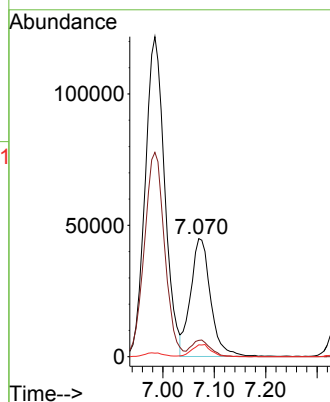
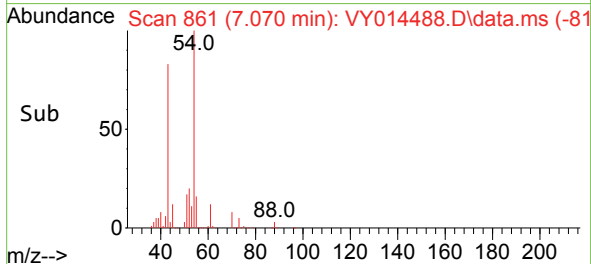
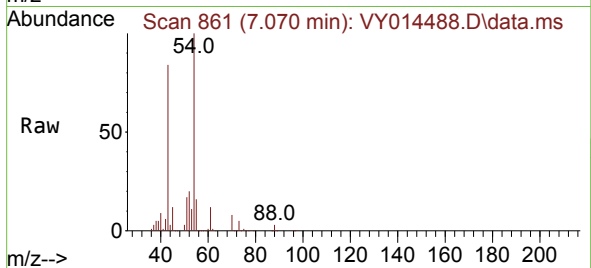
Tgt Ion: 43 Resp: 121304

Ion Ratio Lower Upper

43 100

61 13.4 10.1 15.1

70 10.0 7.1 10.7



#38

Carbon Tetrachloride

Concen: 52.909 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.001 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

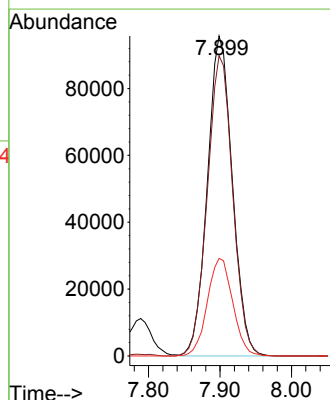
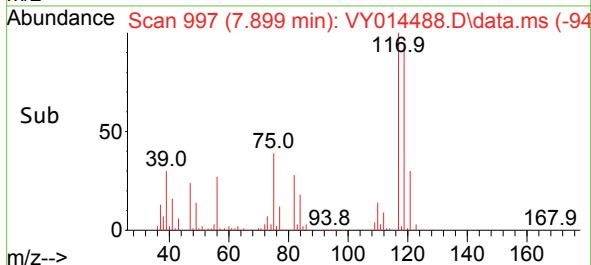
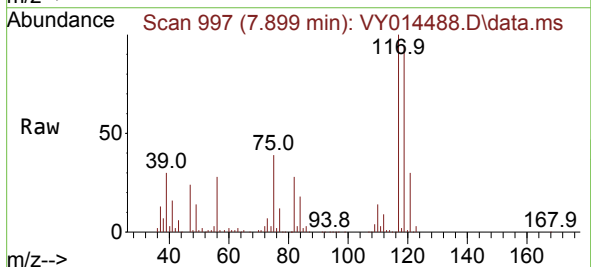
Tgt Ion: 117 Resp: 232200

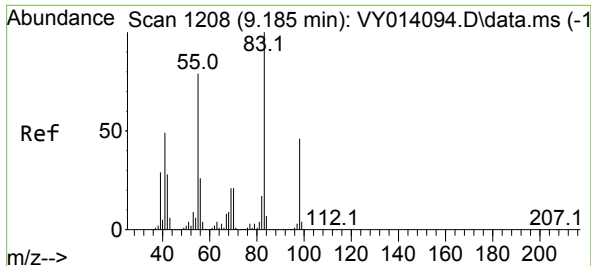
Ion Ratio Lower Upper

117 100

119 93.8 76.4 114.6

121 30.5 25.8 38.6





#39

Methylcyclohexane

Concen: 53.283 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

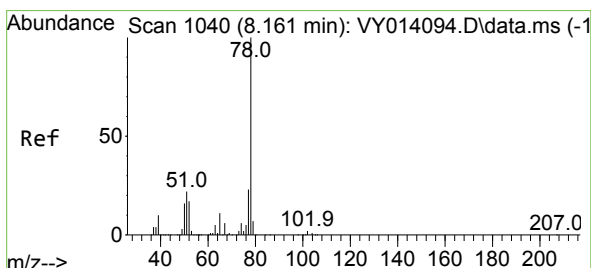
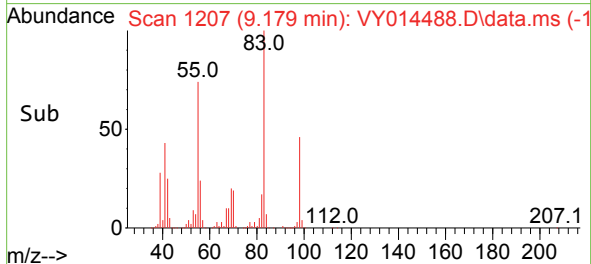
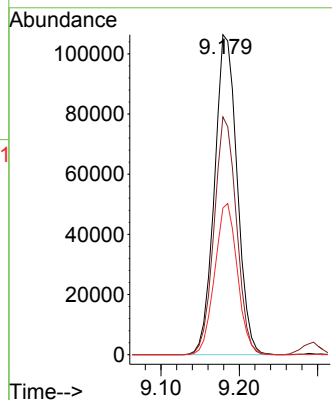
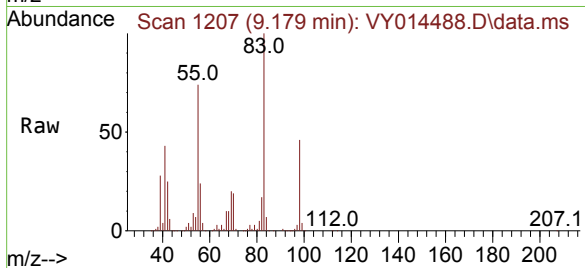
Tgt Ion: 83 Resp: 213790

Ion Ratio Lower Upper

83 100

55 74.3 63.0 94.4

98 45.9 37.4 56.2



#40

Benzene

Concen: 53.131 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY014488.D

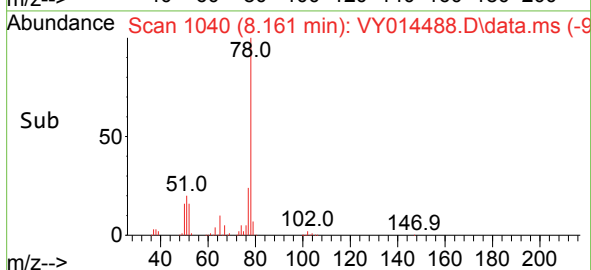
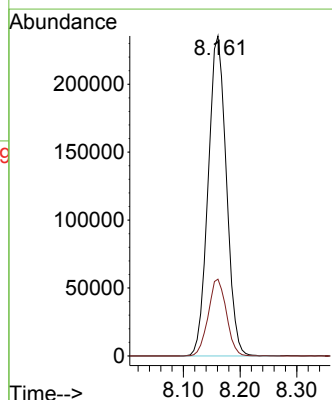
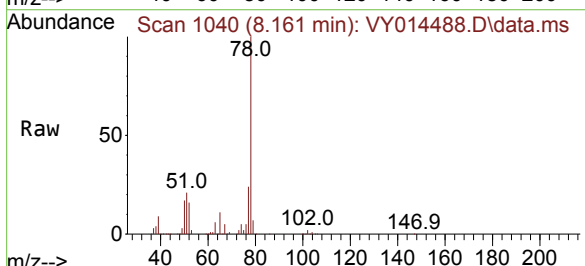
Acq: 29 Jun 2023 09:38

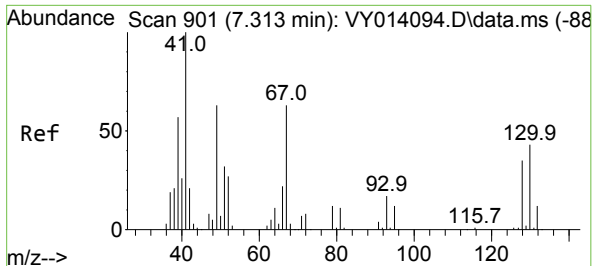
Tgt Ion: 78 Resp: 524798

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6

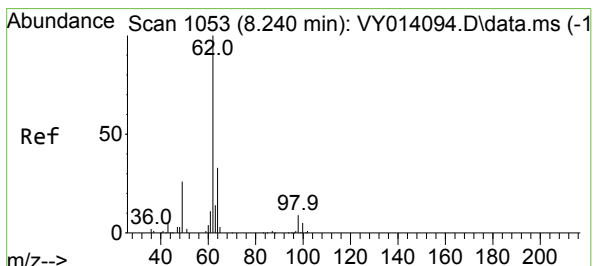
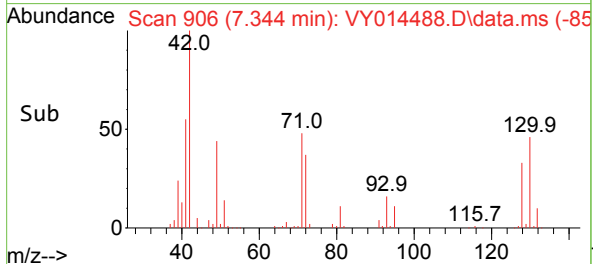
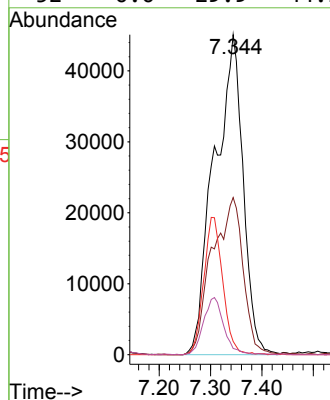
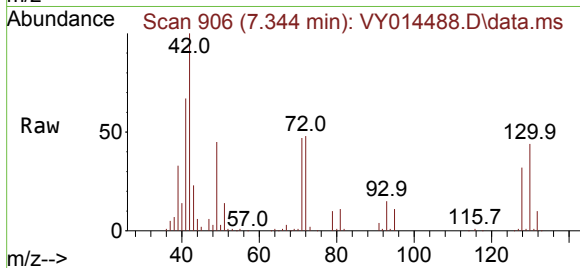




#41
Methacrylonitrile
Concen: 146.833 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

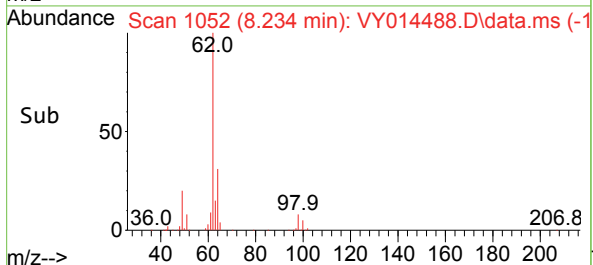
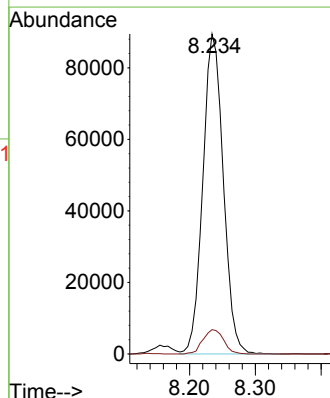
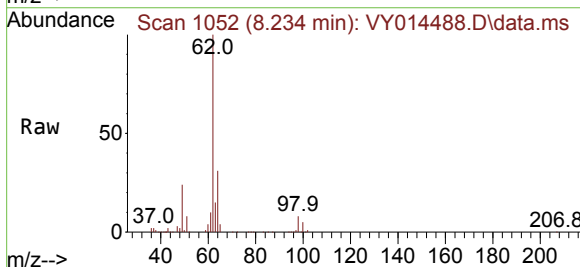
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

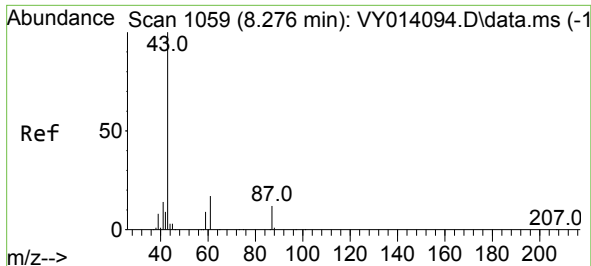
Tgt Ion:	41	Resp:	174893
Ion	Ratio	Lower	Upper
41	100		
39	52.8	52.1	78.1
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 51.721 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

Tgt Ion:	62	Resp:	193692
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.8

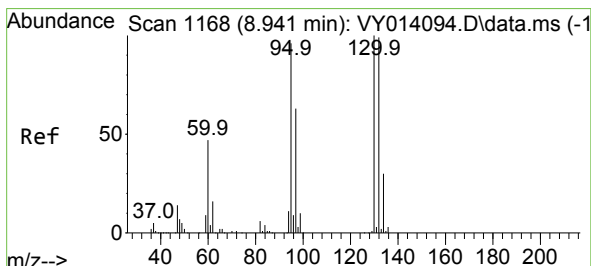
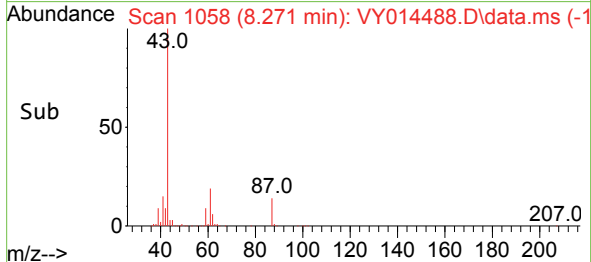
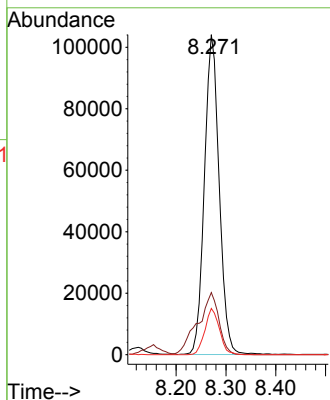
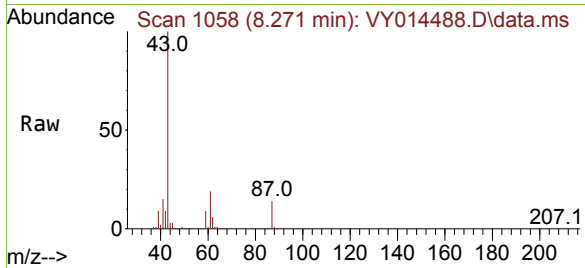




#43
Isopropyl Acetate
Concen: 50.390 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.005 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

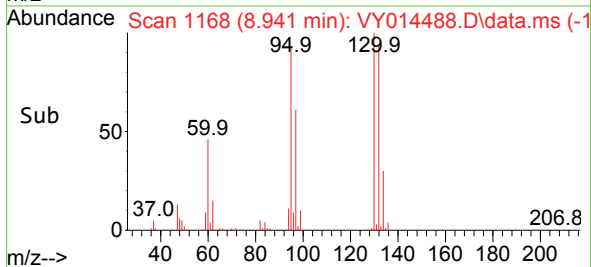
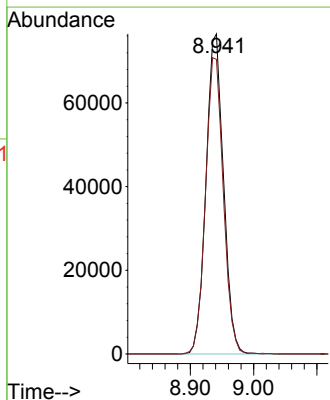
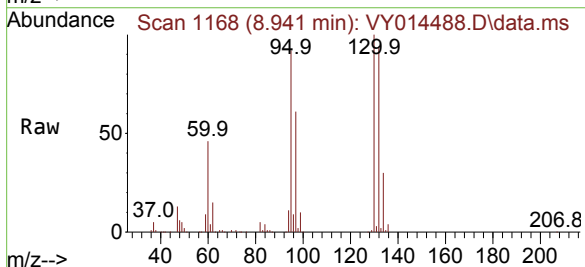
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

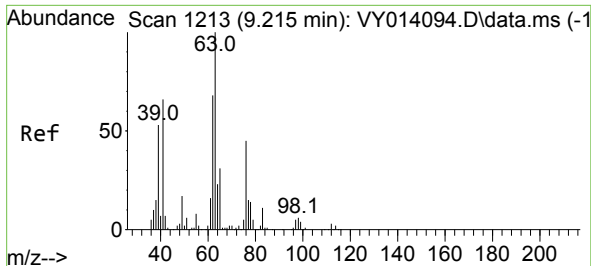
Tgt Ion: 43 Resp: 213849
Ion Ratio Lower Upper
43 100
61 27.7 21.1 31.7
87 14.2 9.8 14.8



#44
Trichloroethene
Concen: 51.813 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

Tgt Ion:130 Resp: 146937
Ion Ratio Lower Upper
130 100
95 92.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 54.379 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

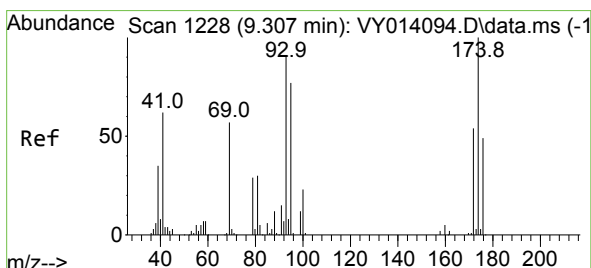
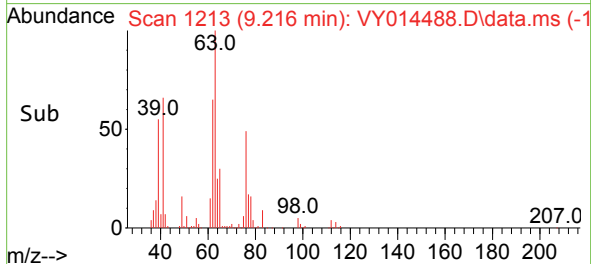
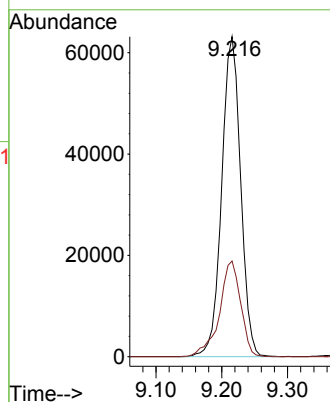
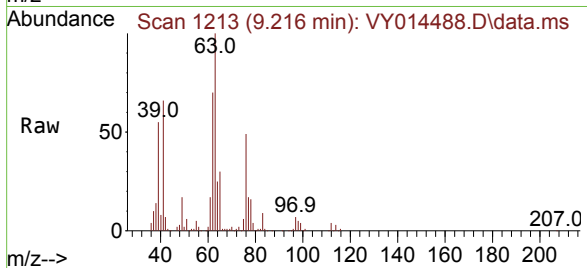
VSTDCCC050

Tgt Ion: 63 Resp: 126646

Ion Ratio Lower Upper

63 100

65 29.9 23.8 35.6



#46

Dibromomethane

Concen: 52.944 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

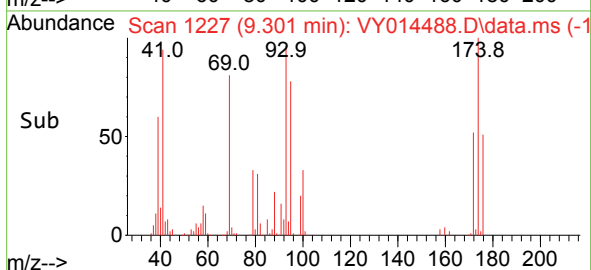
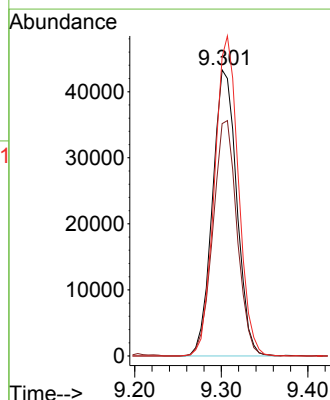
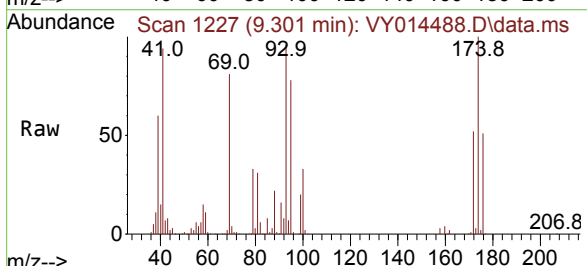
Tgt Ion: 93 Resp: 84263

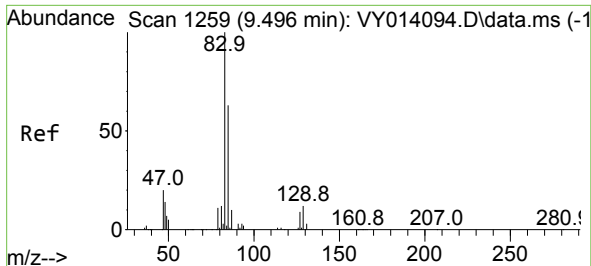
Ion Ratio Lower Upper

93 100

95 81.7 66.6 100.0

174 109.9 84.8 127.2

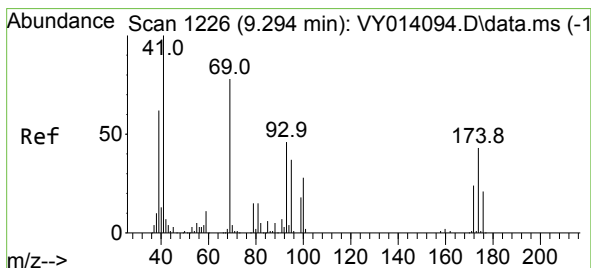
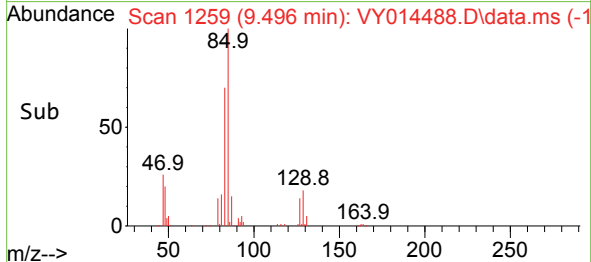
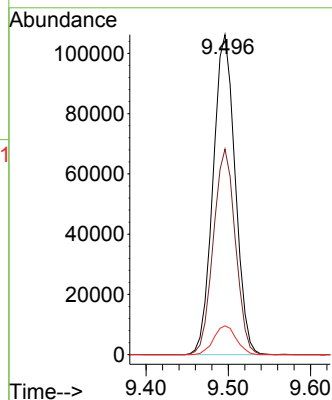
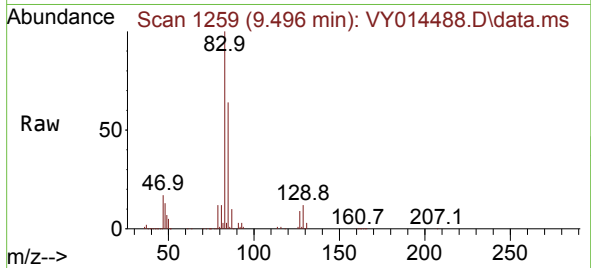




#47
Bromodichloromethane
Concen: 53.429 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

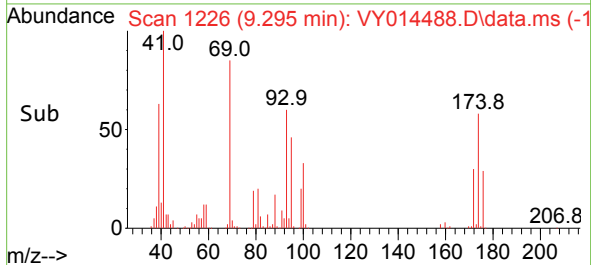
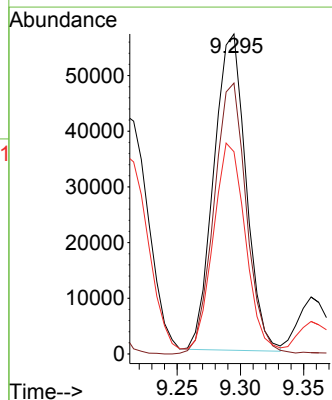
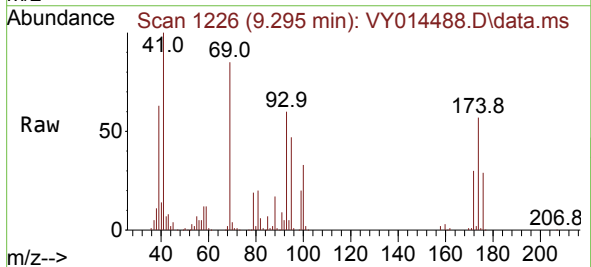
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

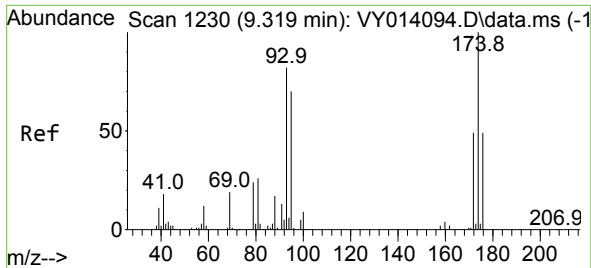
Tgt Ion: 83 Resp: 198197
Ion Ratio Lower Upper
83 100
85 64.3 50.1 75.1
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 51.017 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

Tgt Ion: 41 Resp: 100557
Ion Ratio Lower Upper
41 100
69 86.8 64.5 96.7
39 67.2 50.8 76.2

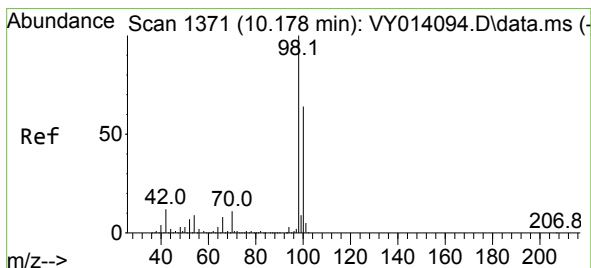
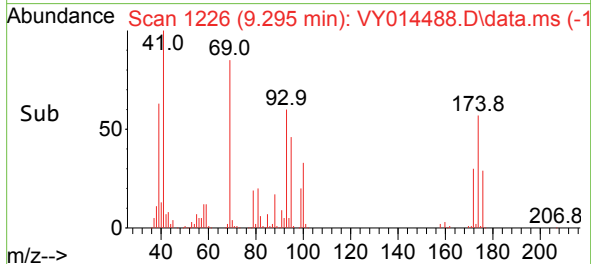
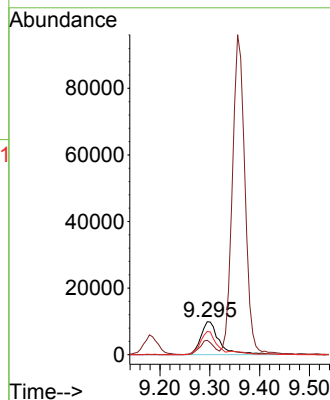
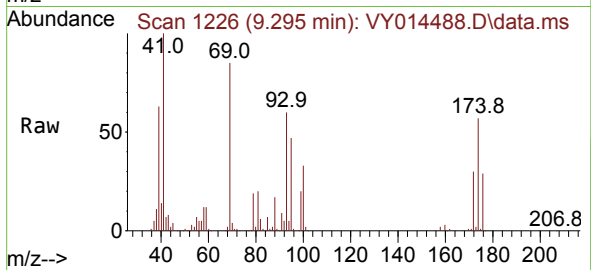




#49
1,4-Dioxane
Concen: 1043.062 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

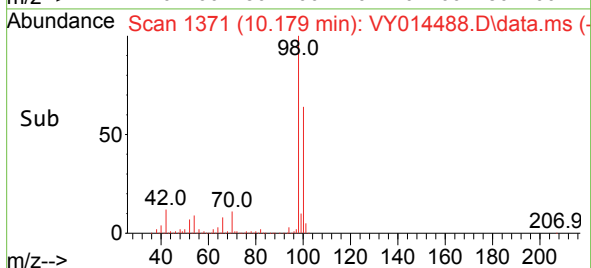
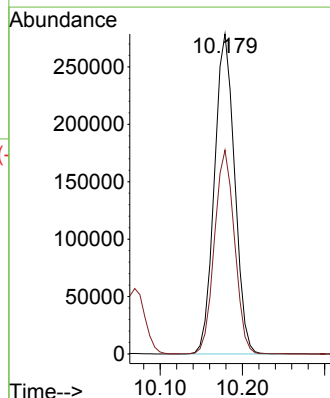
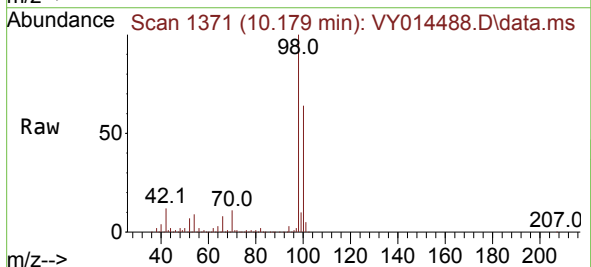
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

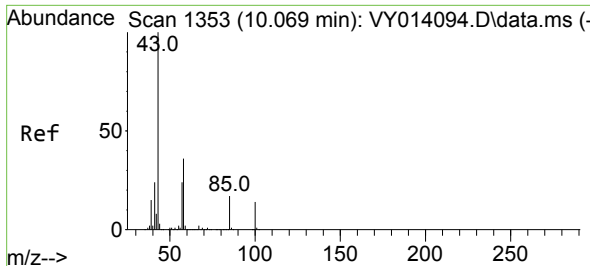
Tgt Ion: 88 Resp: 25957
Ion Ratio Lower Upper
88 100
43 32.1 0.0 0.0#
58 59.0 30.9 46.3#



#50
Toluene-d8
Concen: 52.783 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

Tgt Ion: 98 Resp: 474842
Ion Ratio Lower Upper
98 100
100 63.2 50.1 75.1

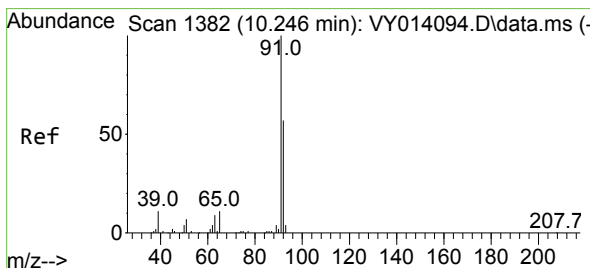
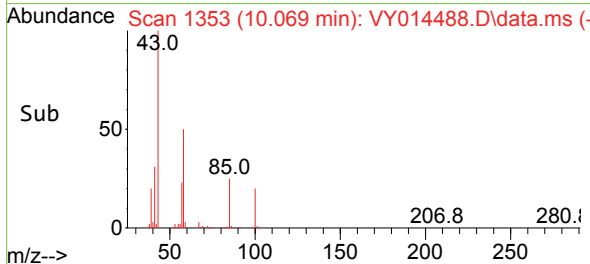
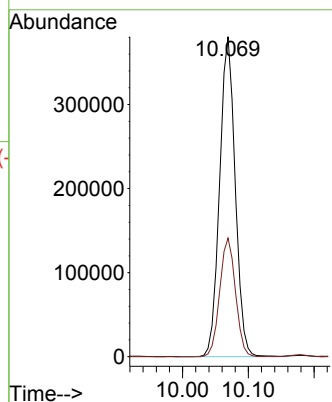
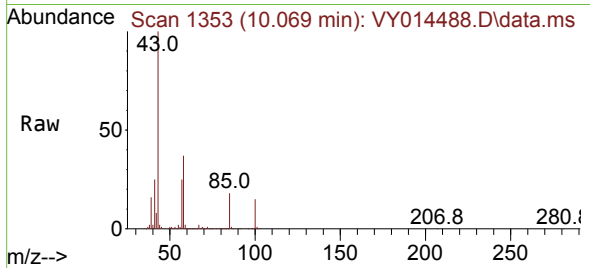




#51
4-Methyl-2-Pentanone
Concen: 261.756 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

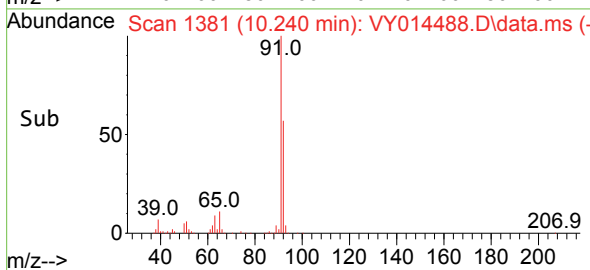
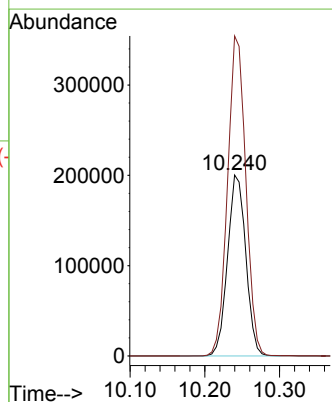
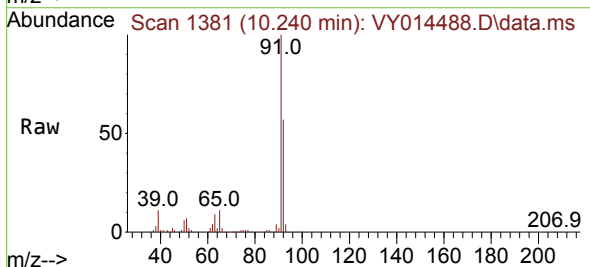
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

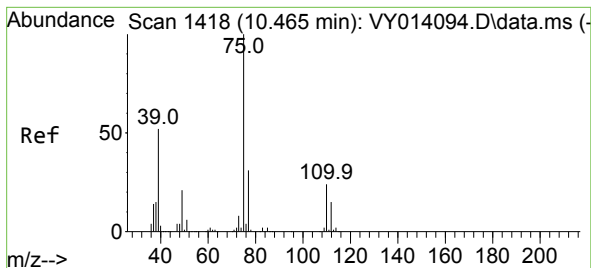
Tgt Ion: 43 Resp: 626960
Ion Ratio Lower Upper
43 100
58 37.5 29.0 43.6



#52
Toluene
Concen: 53.610 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

Tgt Ion: 92 Resp: 340714
Ion Ratio Lower Upper
92 100
91 177.0 143.8 215.6





#53

t-1,3-Dichloropropene

Concen: 52.082 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

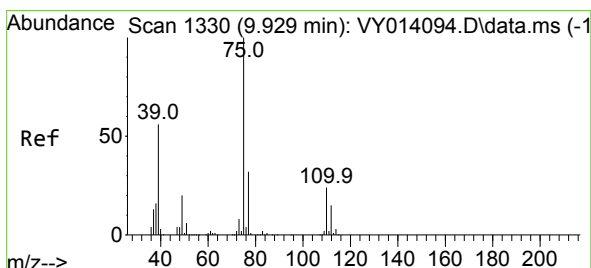
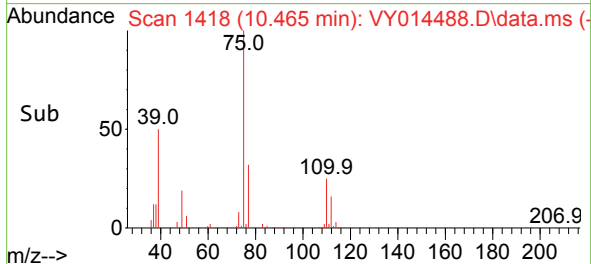
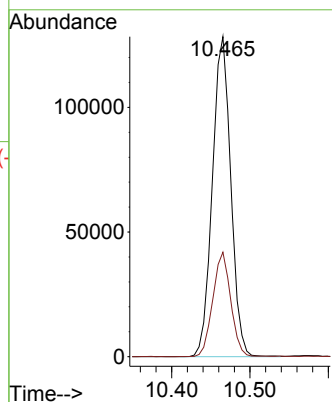
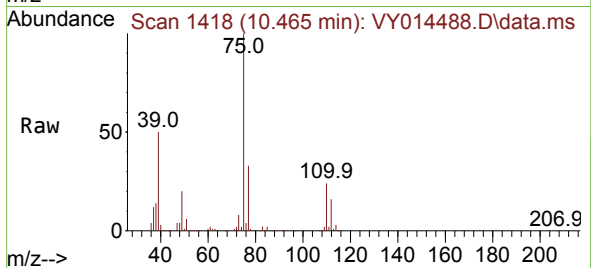
VSTDCCC050

Tgt Ion: 75 Resp: 209461

Ion Ratio Lower Upper

75 100

77 32.6 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 53.036 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

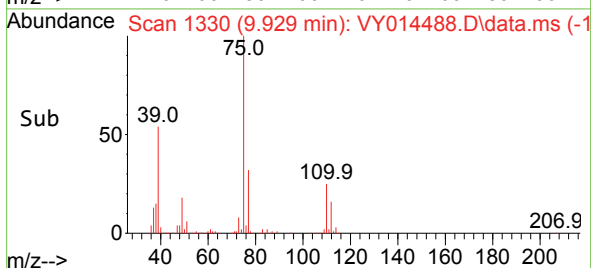
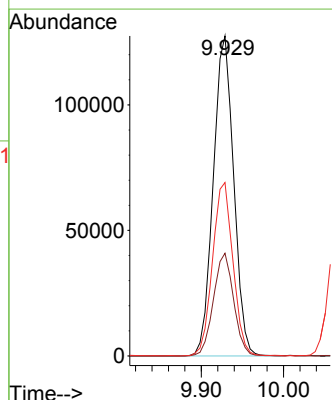
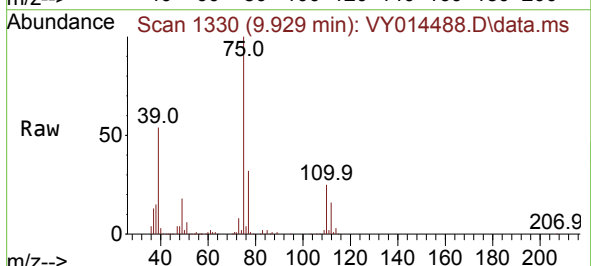
Tgt Ion: 75 Resp: 220012

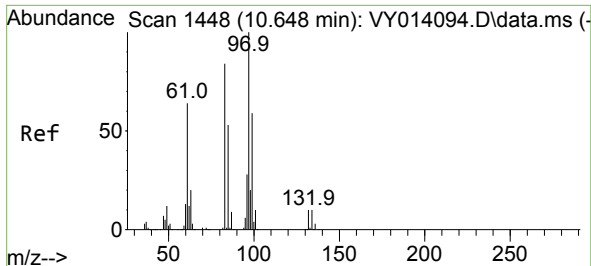
Ion Ratio Lower Upper

75 100

77 32.1 24.2 36.4

39 54.2 42.2 63.4



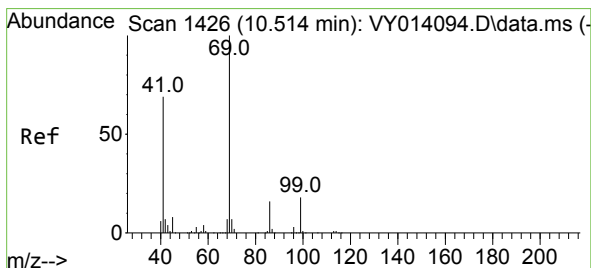
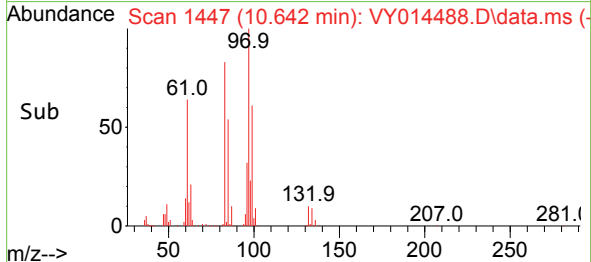
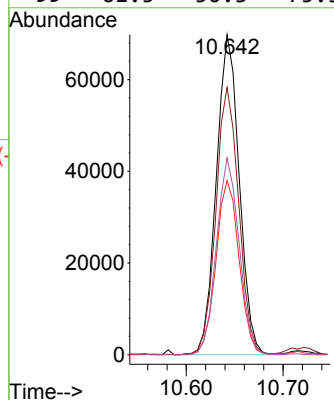
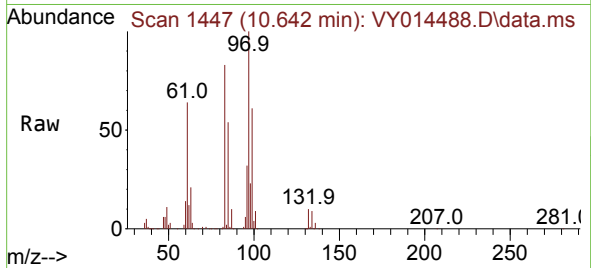


#55
1,1,2-Trichloroethane
Concen: 53.843 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 114748

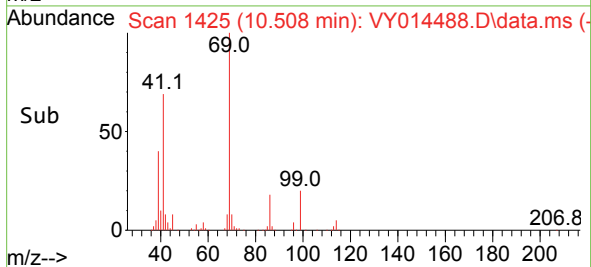
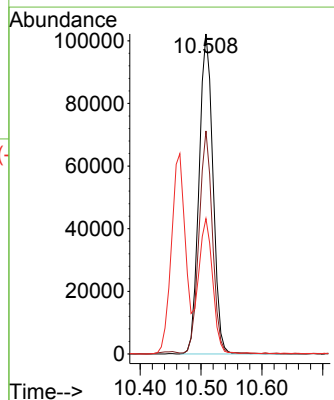
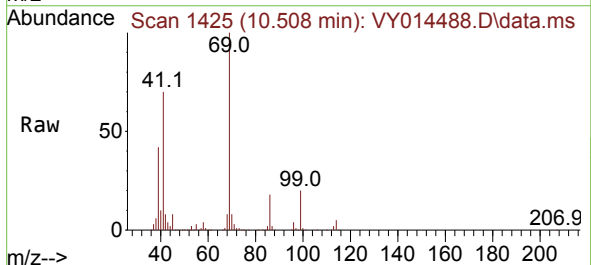
Ion	Ratio	Lower	Upper
97	100		
83	83.5	72.0	108.0
85	54.4	45.4	68.0
99	61.5	50.3	75.5

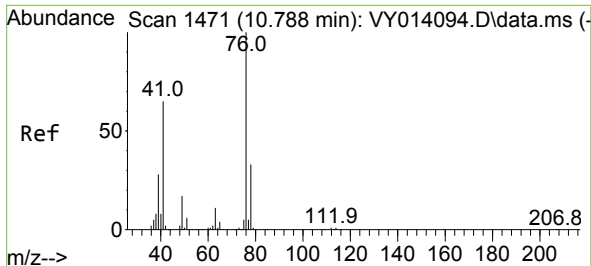


#56
Ethyl methacrylate
Concen: 53.246 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

Tgt Ion: 69 Resp: 162060

Ion	Ratio	Lower	Upper
69	100		
41	66.7	57.6	86.4
39	42.7	34.1	51.1





#57

1,3-Dichloropropane

Concen: 53.125 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

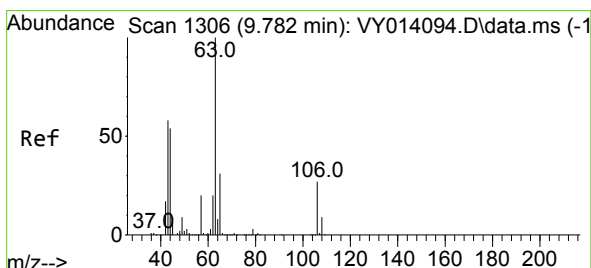
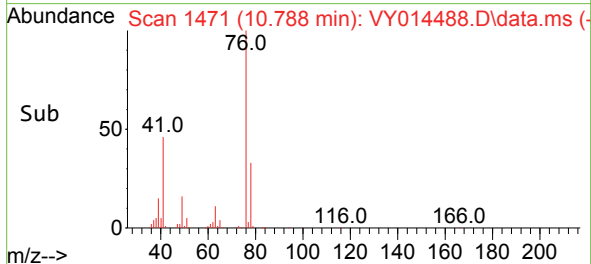
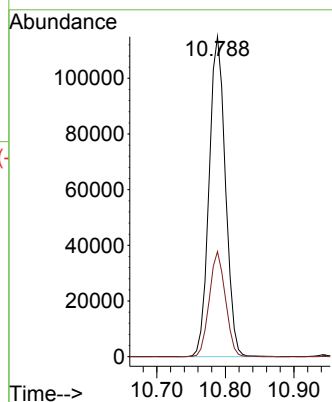
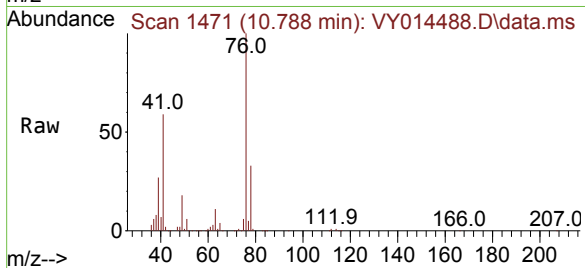
VSTDCCC050

Tgt Ion: 76 Resp: 190432

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 269.841 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY014488.D

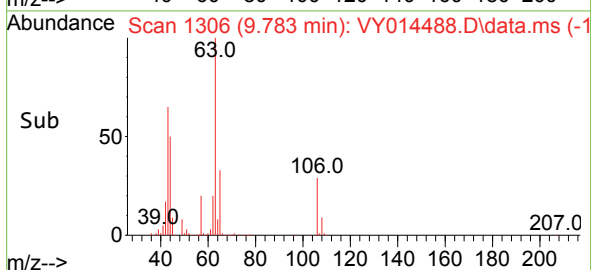
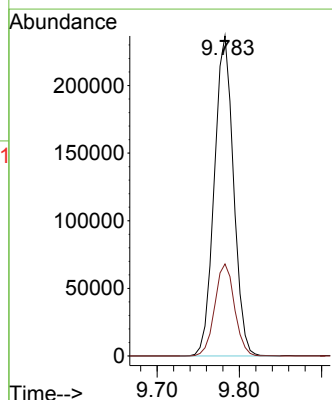
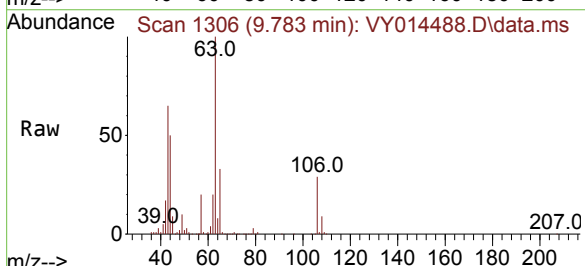
Acq: 29 Jun 2023 09:38

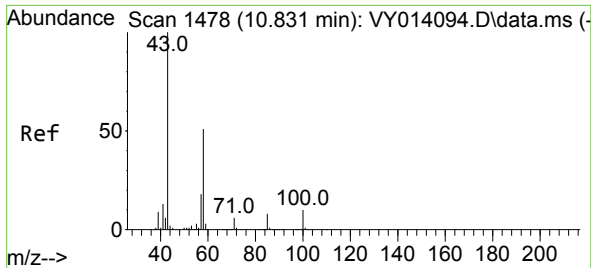
Tgt Ion: 63 Resp: 384712

Ion Ratio Lower Upper

63 100

106 29.5 21.2 31.8

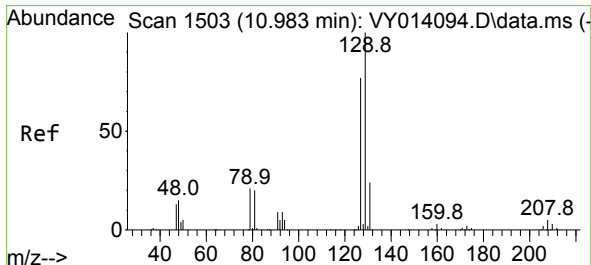
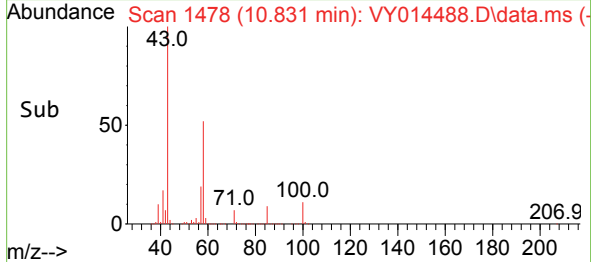
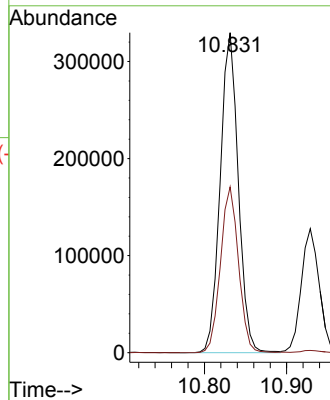
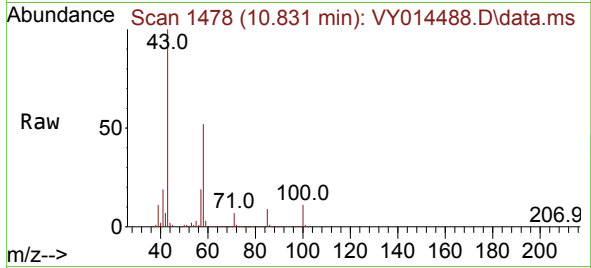




#59
2-Hexanone
Concen: 278.811 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

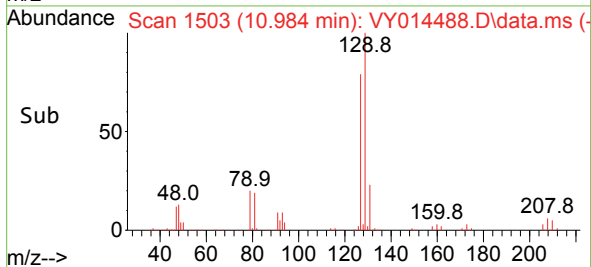
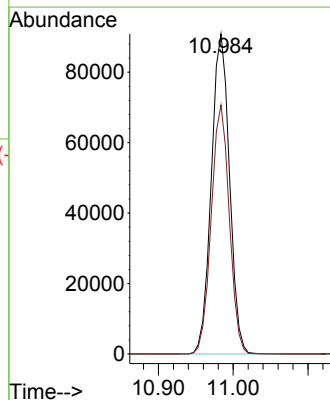
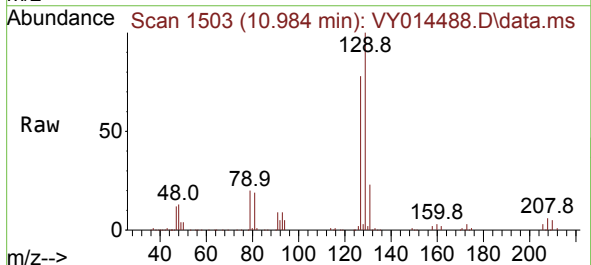
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

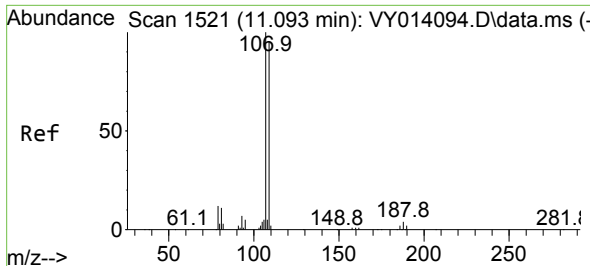
Tgt Ion: 43 Resp: 503217
Ion Ratio Lower Upper
43 100
58 51.7 25.1 75.3



#60
Dibromochloromethane
Concen: 54.386 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

Tgt Ion: 129 Resp: 153755
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

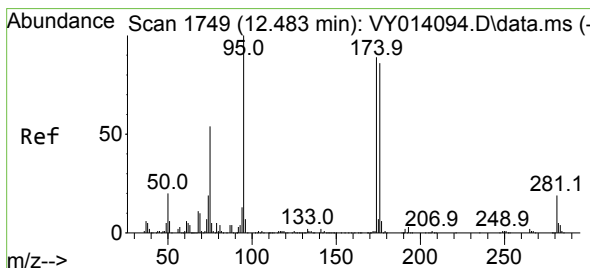
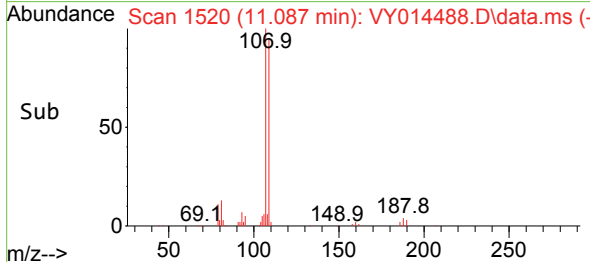
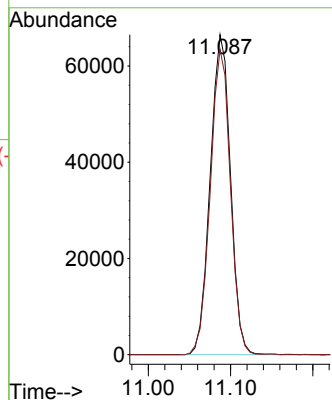
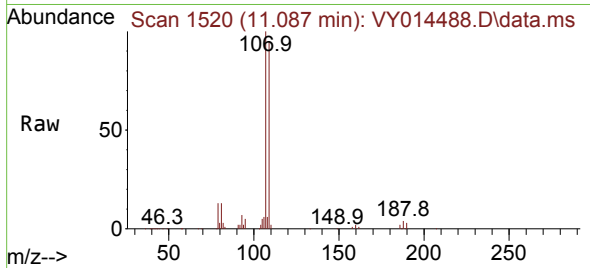




#61
1,2-Dibromoethane
Concen: 53.603 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

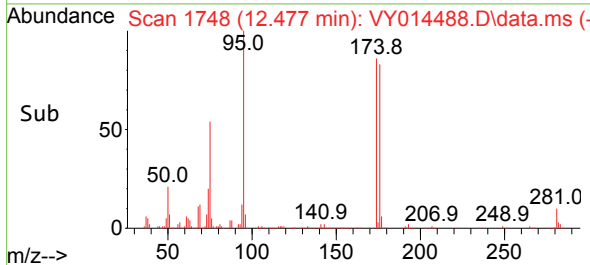
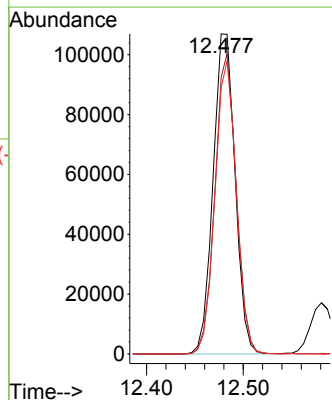
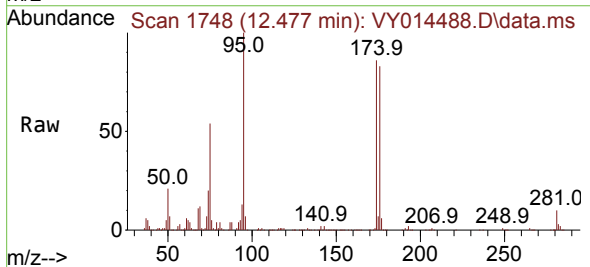
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

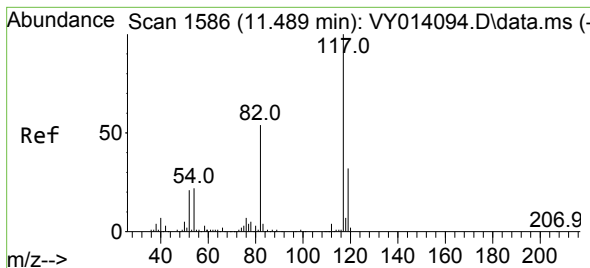
Tgt Ion:107 Resp: 113741
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.634 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

Tgt Ion: 95 Resp: 169043
Ion Ratio Lower Upper
95 100
174 90.5 0.0 178.2
176 88.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

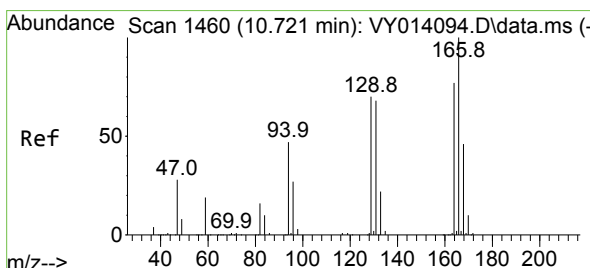
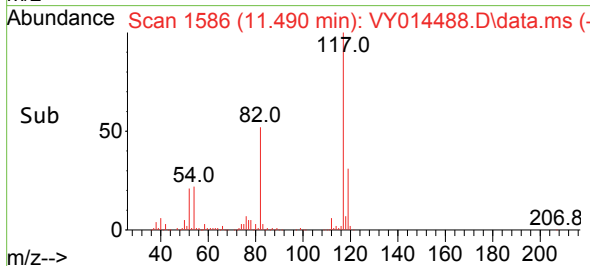
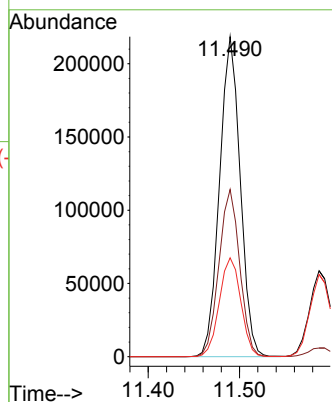
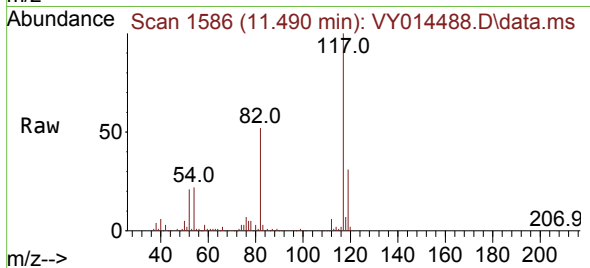
Tgt Ion:117 Resp: 343792

Ion Ratio Lower Upper

117 100

82 52.3 43.4 65.0

119 30.9 26.3 39.5



#64

Tetrachloroethene

Concen: 52.313 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

Tgt Ion:164 Resp: 153044

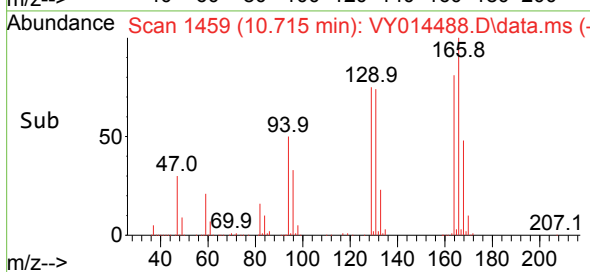
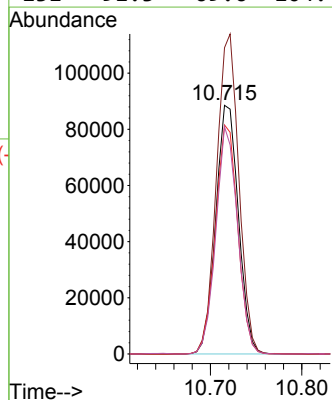
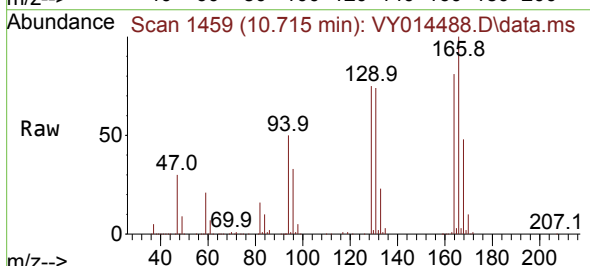
Ion Ratio Lower Upper

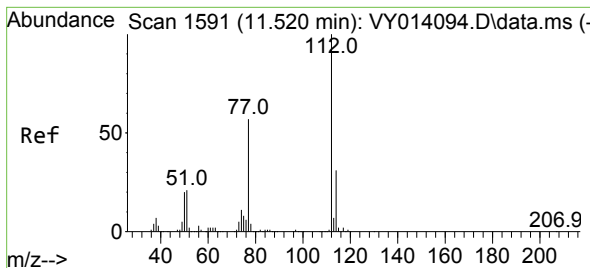
164 100

166 123.2 103.0 154.6

129 92.1 77.2 115.8

131 91.3 69.6 104.4





#65

Chlorobenzene

Concen: 52.225 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

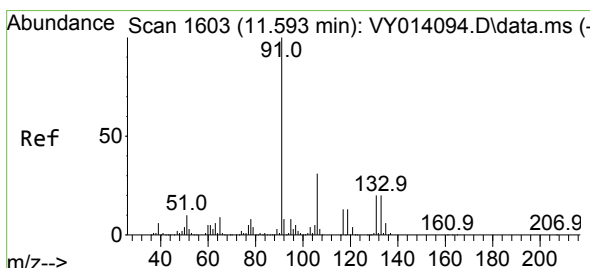
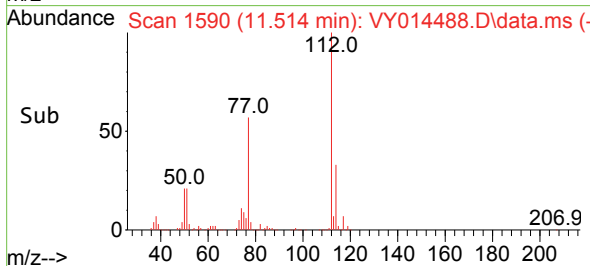
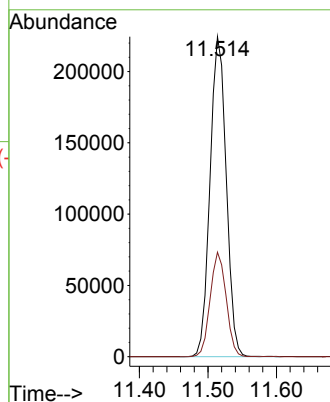
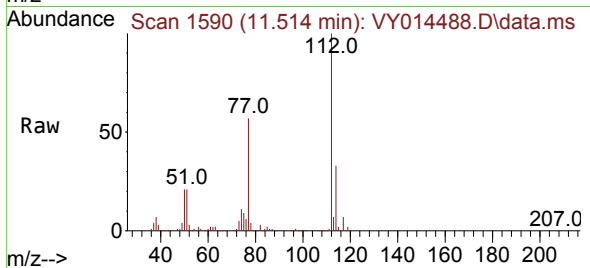
VSTDCCC050

Tgt Ion:112 Resp: 368862

Ion Ratio Lower Upper

112 100

114 32.7 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 53.114 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

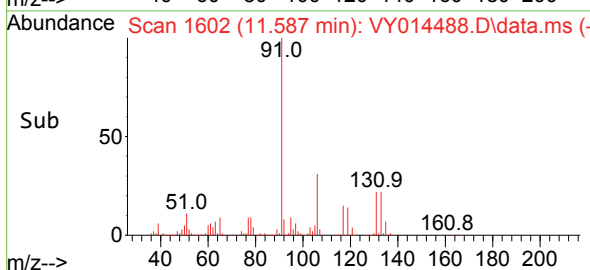
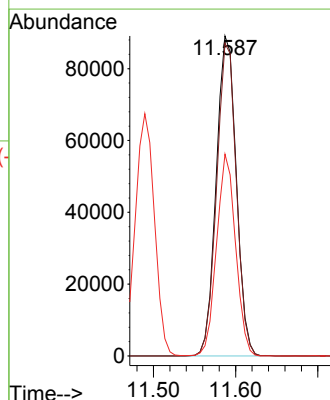
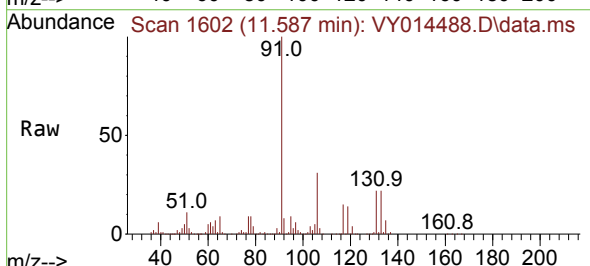
Tgt Ion:131 Resp: 151114

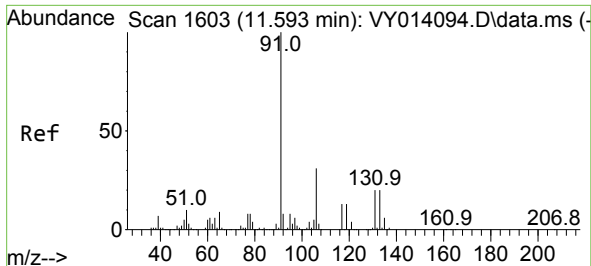
Ion Ratio Lower Upper

131 100

133 96.1 47.5 142.6

119 59.8 31.6 94.7





#67

Ethyl Benzene

Concen: 53.269 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

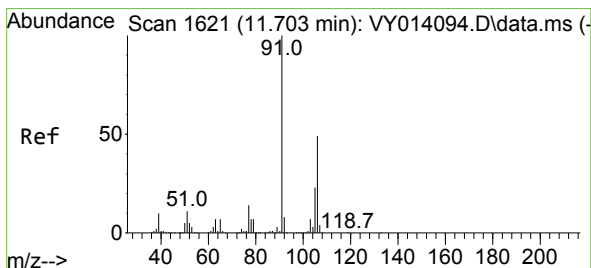
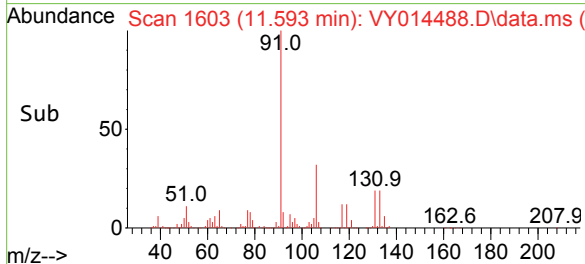
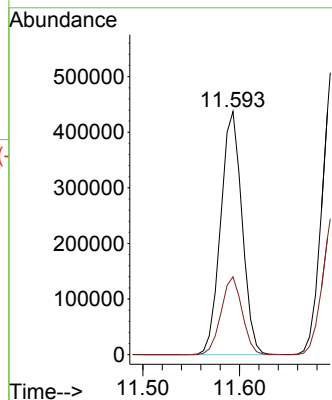
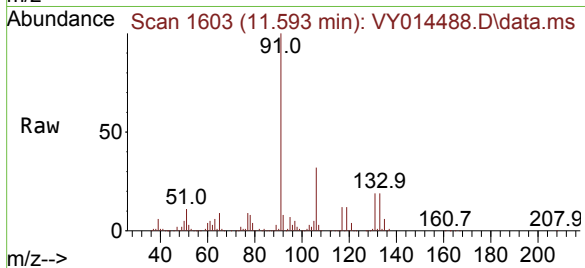
VSTDCCC050

Tgt Ion: 91 Resp: 669961

Ion Ratio Lower Upper

91 100

106 32.0 24.6 36.8



#68

m/p-Xylenes

Concen: 107.137 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014488.D

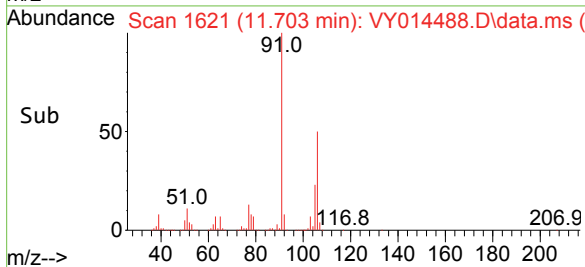
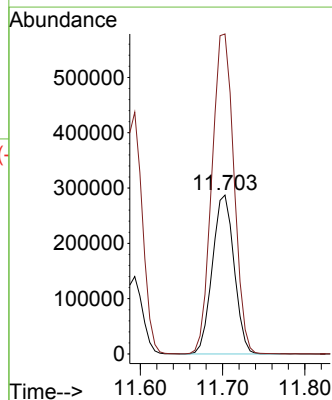
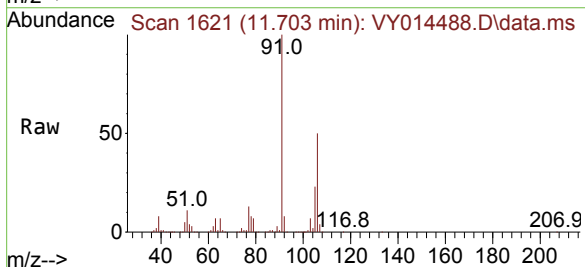
Acq: 29 Jun 2023 09:38

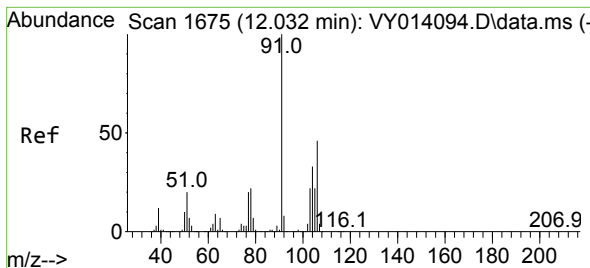
Tgt Ion: 106 Resp: 526289

Ion Ratio Lower Upper

106 100

91 204.6 166.1 249.1





#69

o-Xylene

Concen: 53.406 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.006 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

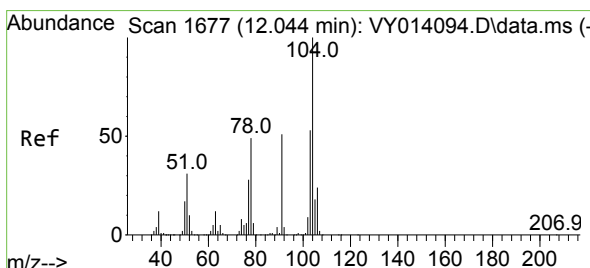
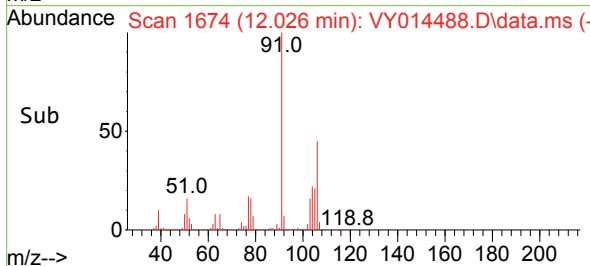
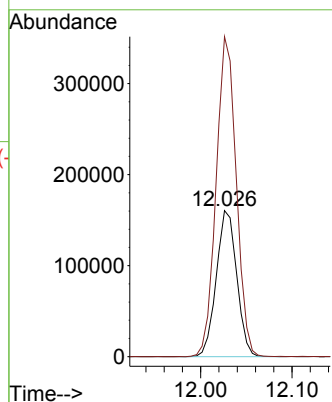
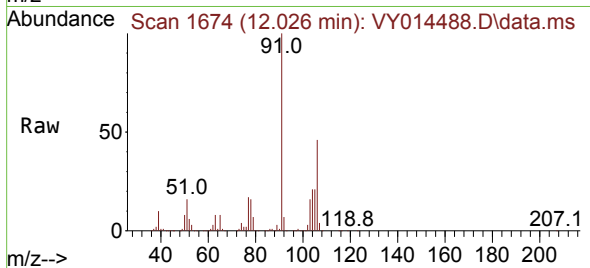
VSTDCCC050

Tgt Ion:106 Resp: 249631

Ion Ratio Lower Upper

106 100

91 215.5 108.1 324.3



#70

Styrene

Concen: 53.860 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

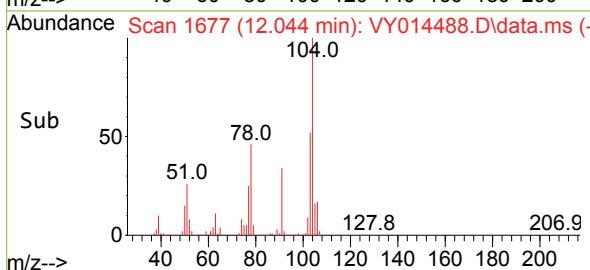
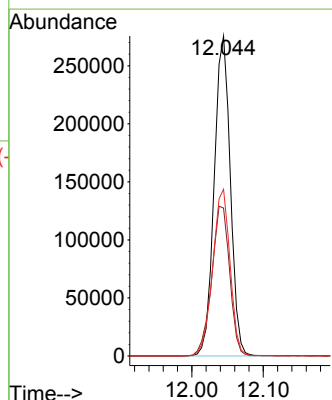
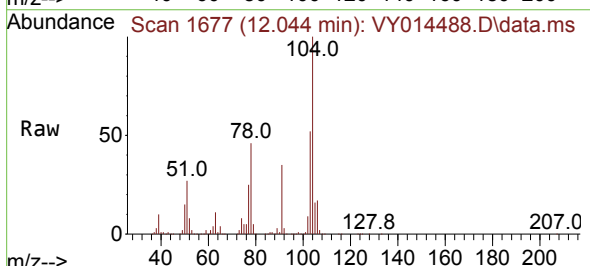
Tgt Ion:104 Resp: 431490

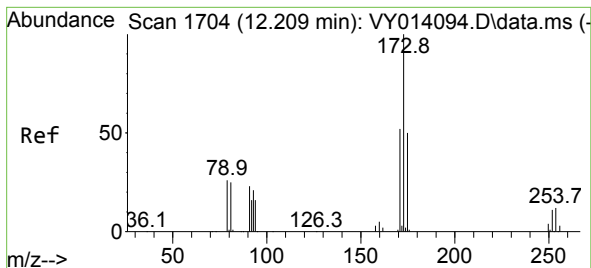
Ion Ratio Lower Upper

104 100

78 52.3 41.5 62.3

103 56.2 44.6 67.0





#71

Bromoform

Concen: 52.521 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

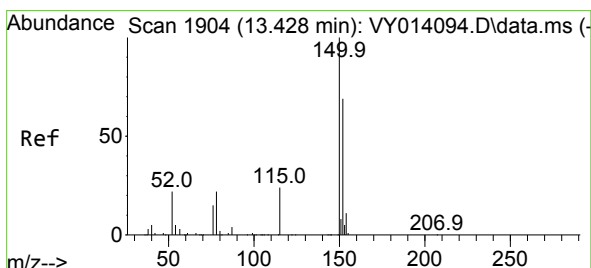
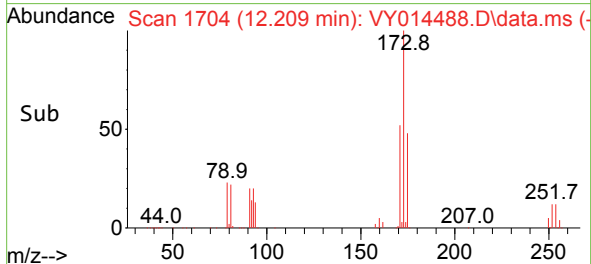
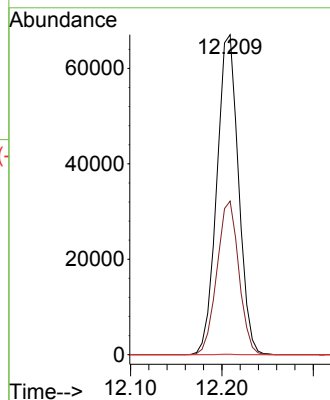
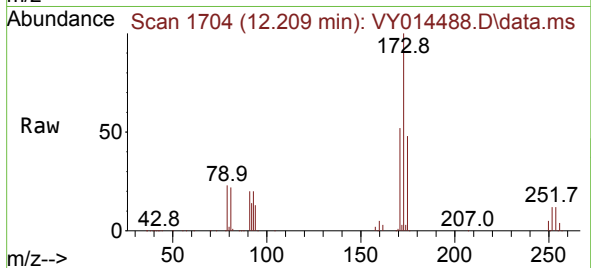
Tgt Ion:173 Resp: 110436

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

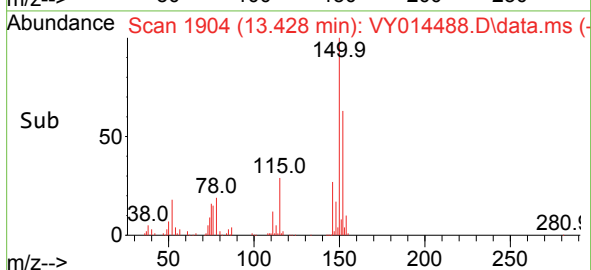
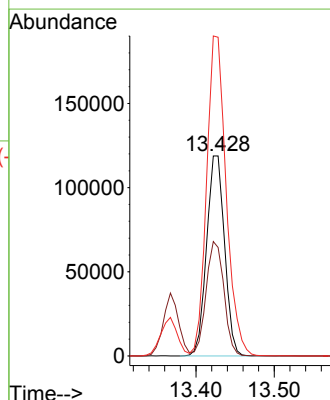
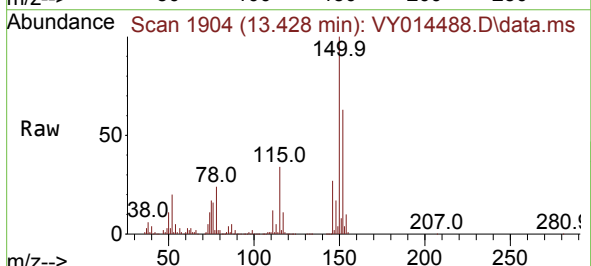
Tgt Ion:152 Resp: 189185

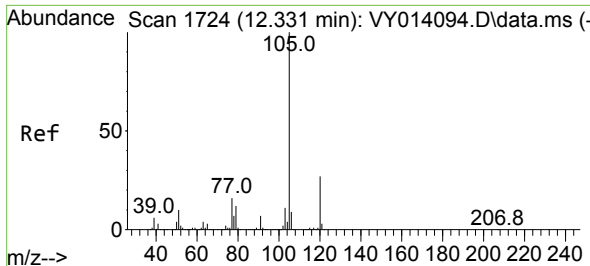
Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 173.6 0.0 348.8

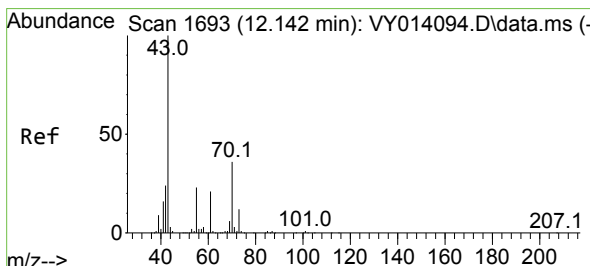
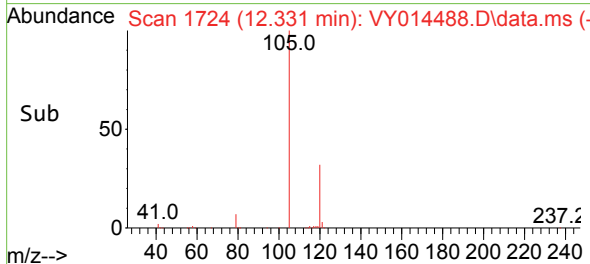
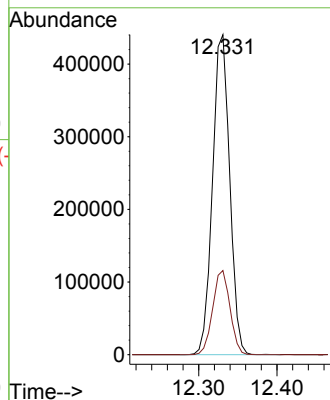
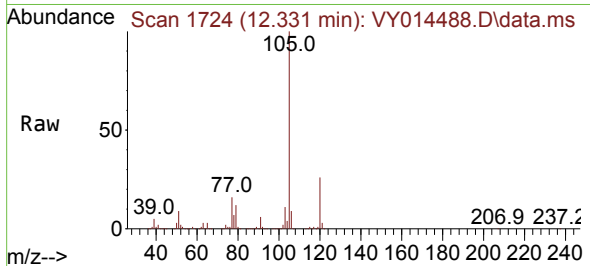




#73
Isopropylbenzene
Concen: 52.556 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

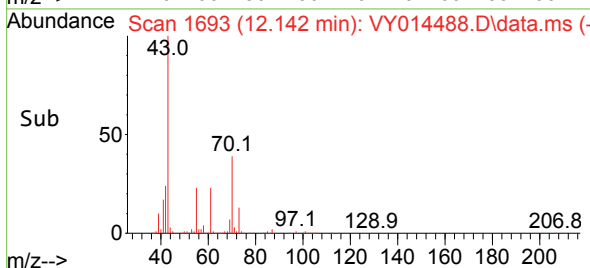
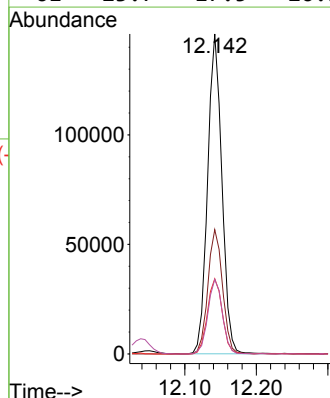
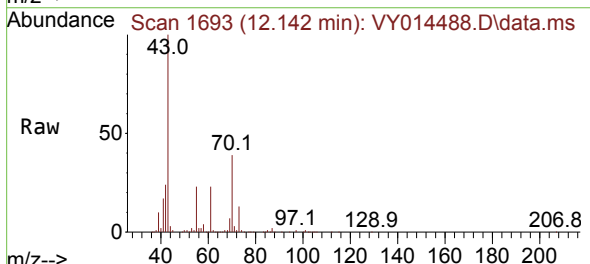
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

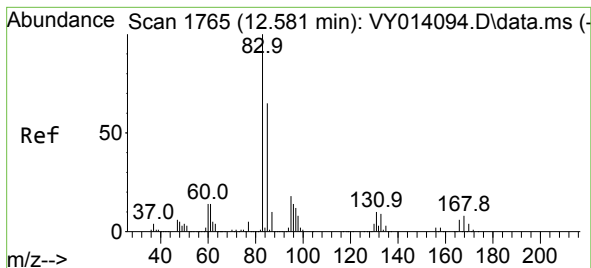
Tgt Ion:105 Resp: 669508
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9



#74
N-ethyl acetate
Concen: 50.162 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

Tgt Ion: 43 Resp: 202372
Ion Ratio Lower Upper
43 100
70 39.9 29.7 44.5
55 24.5 18.3 27.5
61 23.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 51.153 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

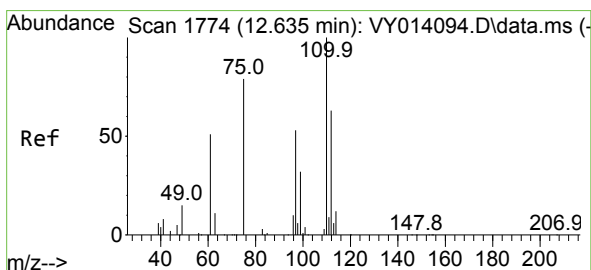
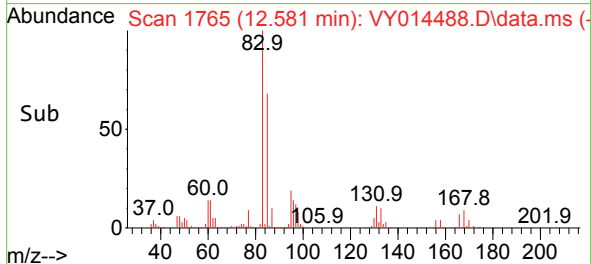
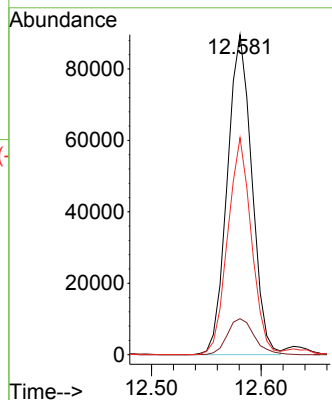
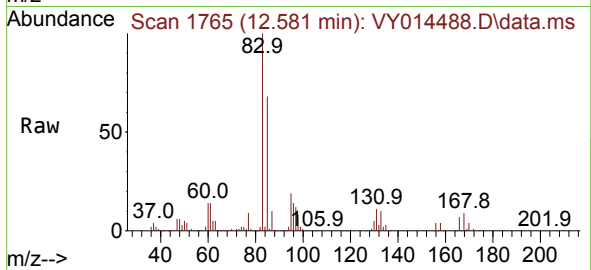
Tgt Ion: 83 Resp: 139259

Ion Ratio Lower Upper

83 100

131 12.4 5.4 16.2

85 65.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 84.138 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.005 min

Lab File: VY014488.D

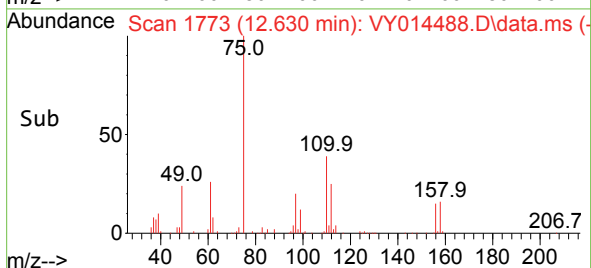
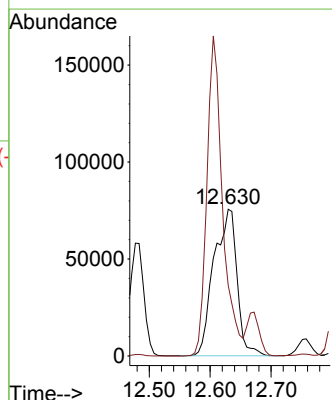
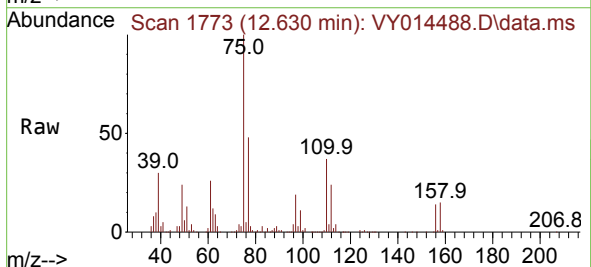
Acq: 29 Jun 2023 09:38

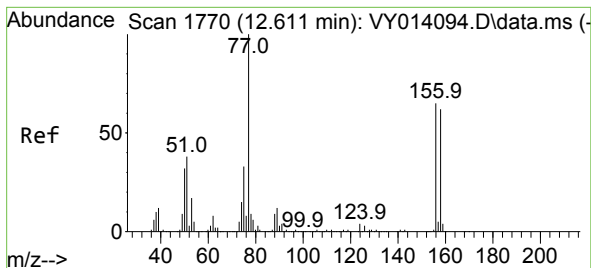
Tgt Ion: 75 Resp: 199675

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.492 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

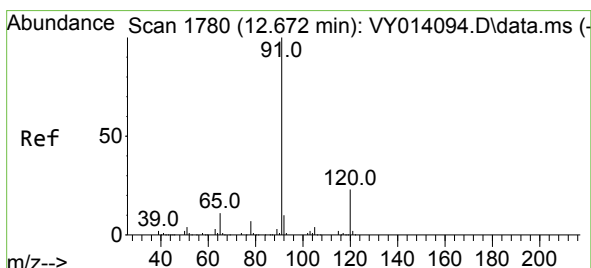
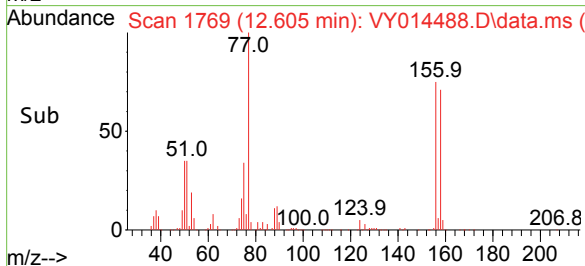
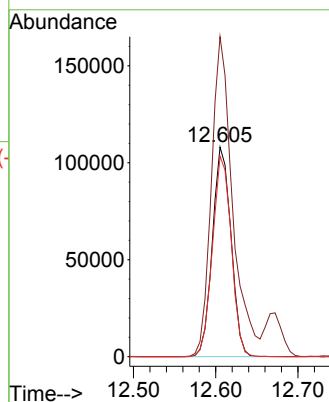
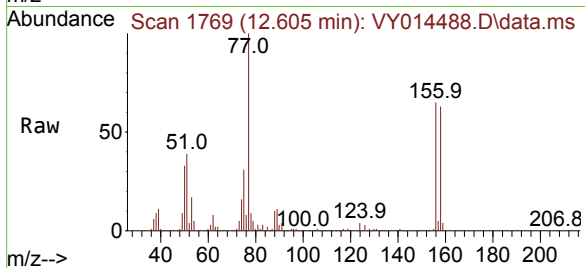
Tgt Ion:156 Resp: 170551

Ion Ratio Lower Upper

156 100

77 173.8 92.8 278.6

158 96.2 48.4 145.3



#78

n-propylbenzene

Concen: 52.600 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014488.D

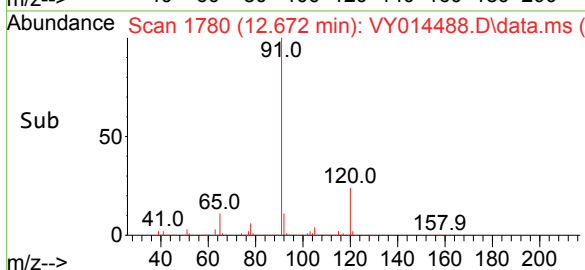
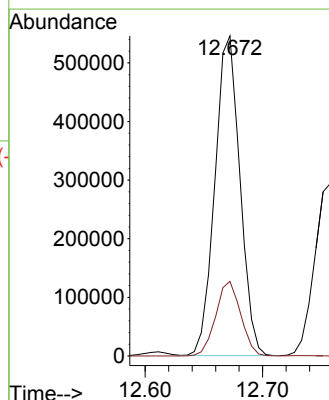
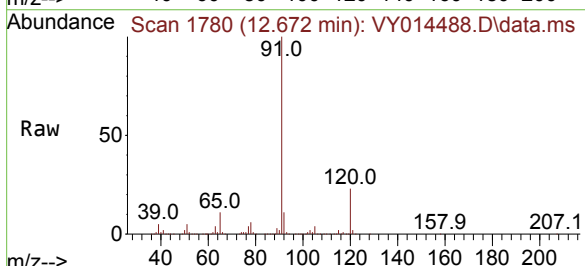
Acq: 29 Jun 2023 09:38

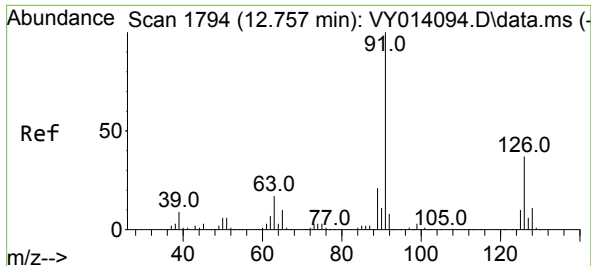
Tgt Ion: 91 Resp: 808396

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 51.983 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

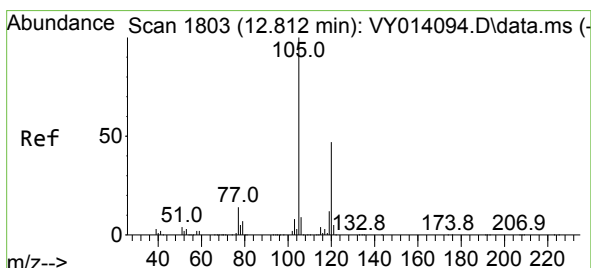
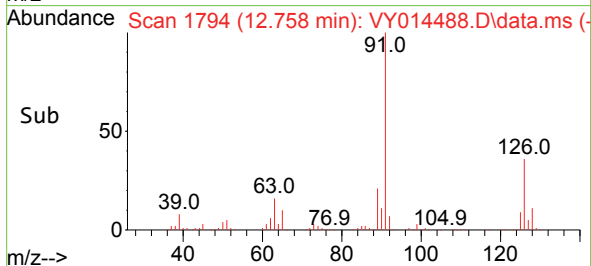
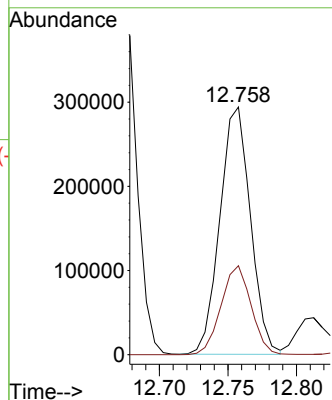
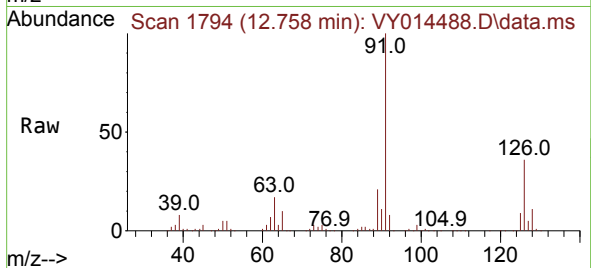
VSTDCCC050

Tgt Ion: 91 Resp: 456265

Ion Ratio Lower Upper

91 100

126 35.3 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 52.298 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY014488.D

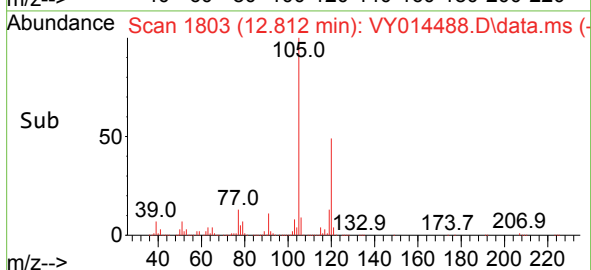
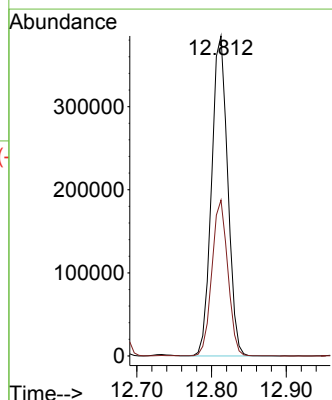
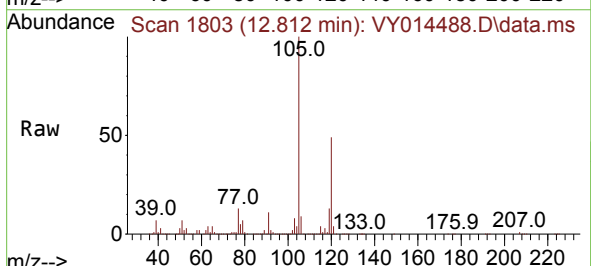
Acq: 29 Jun 2023 09:38

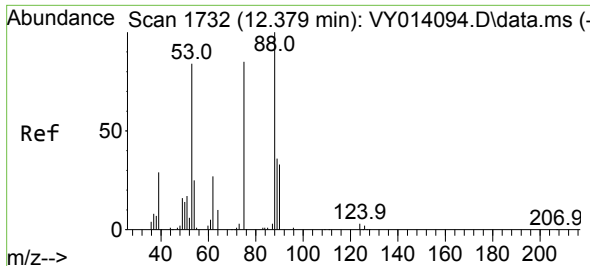
Tgt Ion:105 Resp: 576314

Ion Ratio Lower Upper

105 100

120 48.1 23.9 71.7

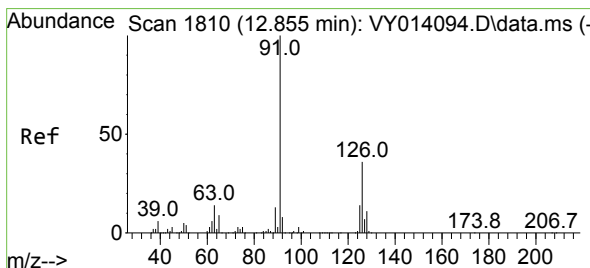
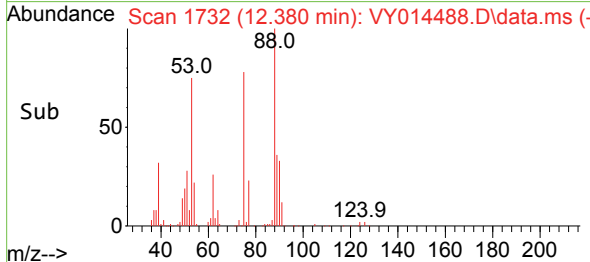
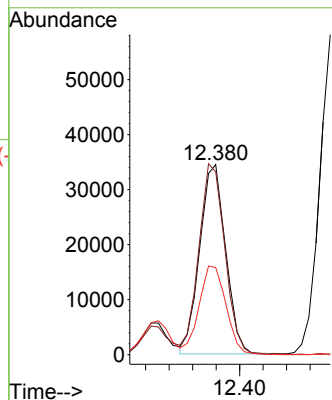
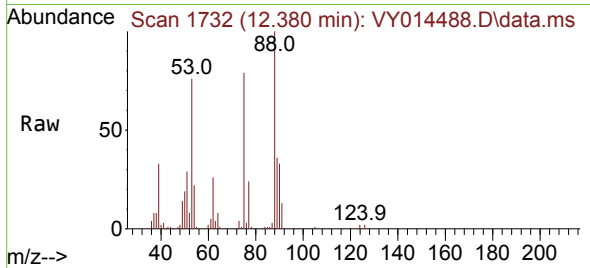




#81
trans-1,4-Dichloro-2-butene
Concen: 50.581 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

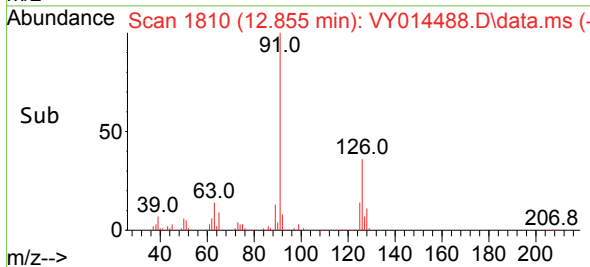
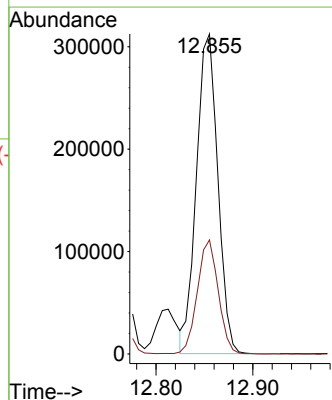
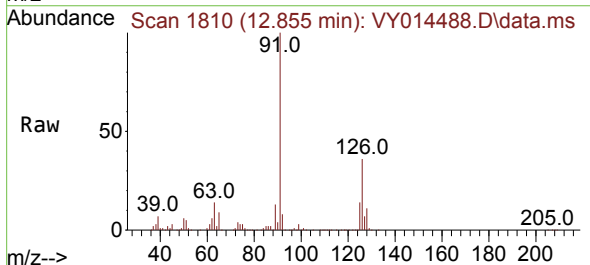
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

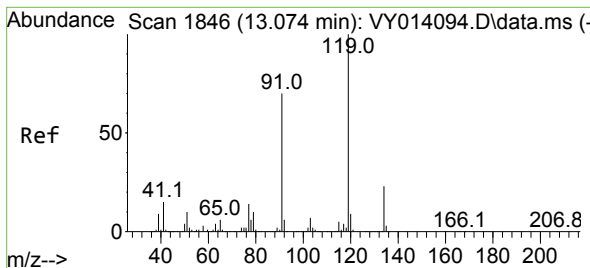
Tgt Ion: 75 Resp: 52725
Ion Ratio Lower Upper
75 100
53 100.7 77.8 116.8
89 48.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 51.402 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

Tgt Ion: 91 Resp: 480625
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 52.198 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

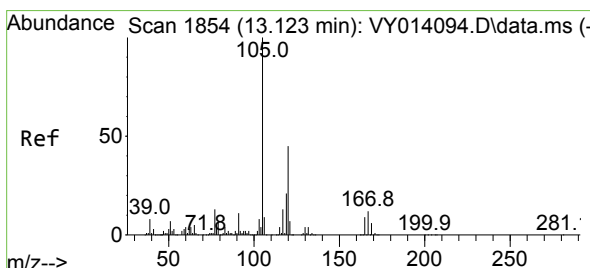
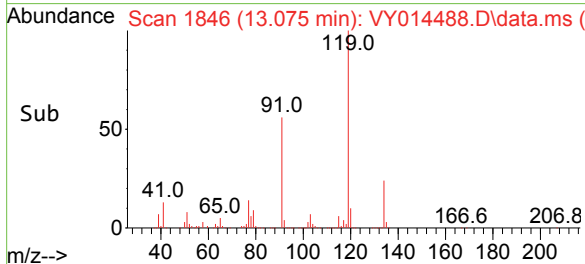
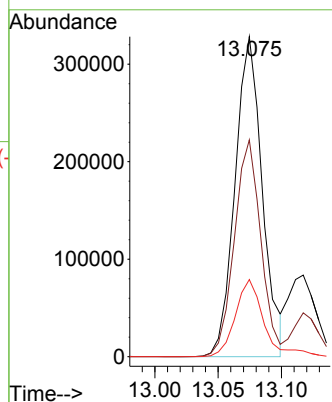
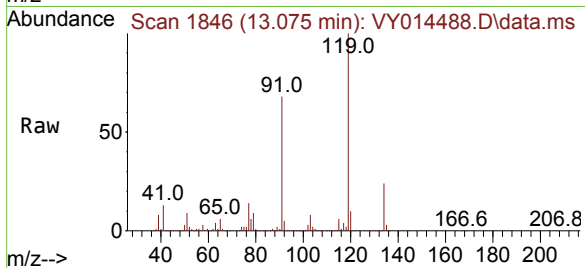
Tgt Ion:119 Resp: 493130

Ion Ratio Lower Upper

119 100

91 65.8 32.9 98.6

134 25.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.535 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY014488.D

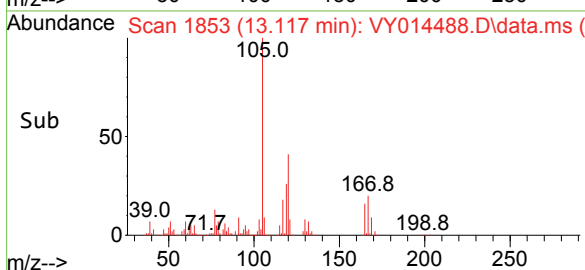
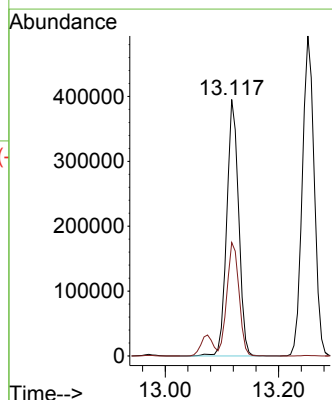
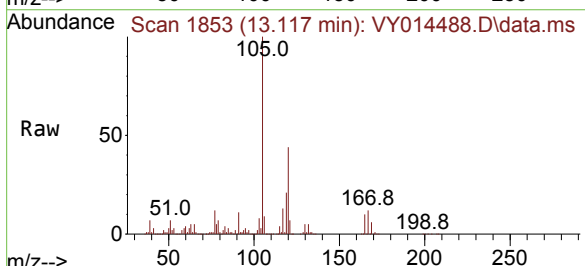
Acq: 29 Jun 2023 09:38

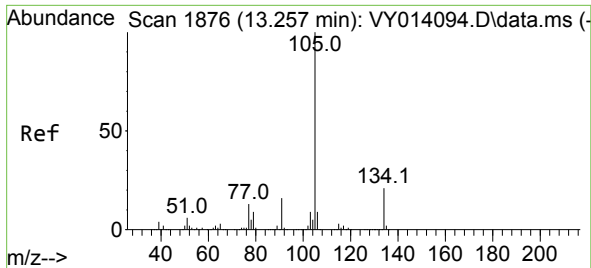
Tgt Ion:105 Resp: 573666

Ion Ratio Lower Upper

105 100

120 45.0 22.2 66.6

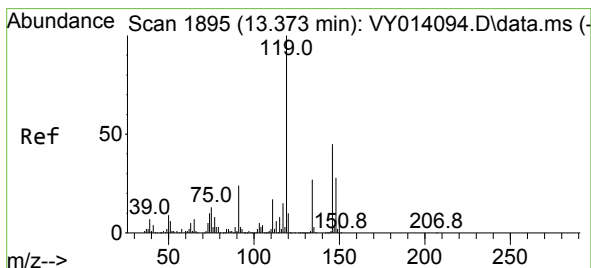
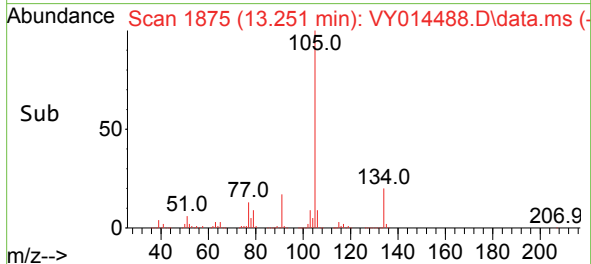
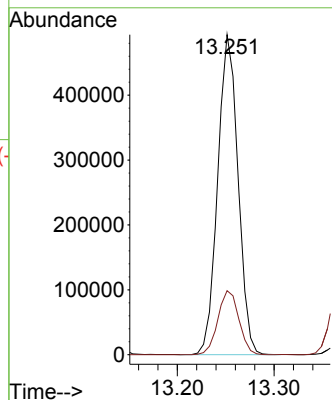
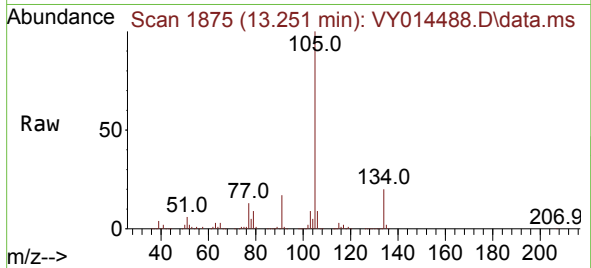




#85
 sec-Butylbenzene
 Concen: 52.620 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014488.D
 Acq: 29 Jun 2023 09:38

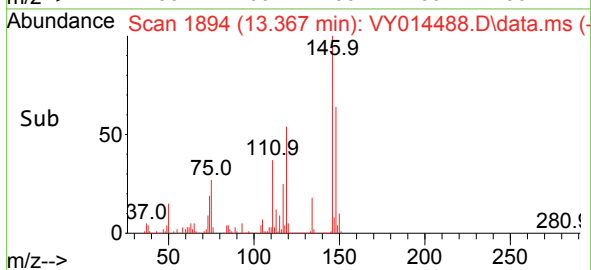
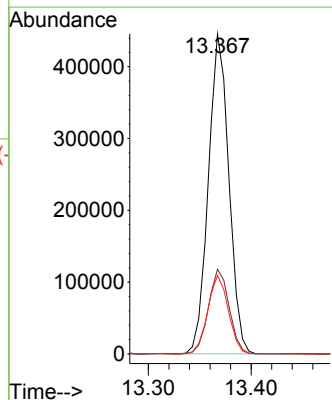
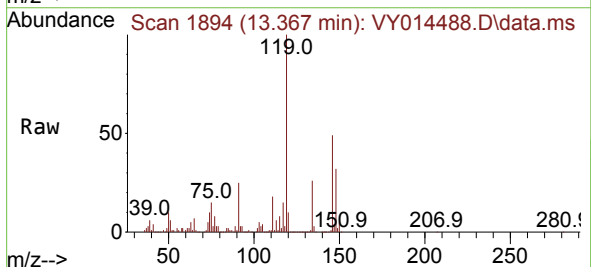
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

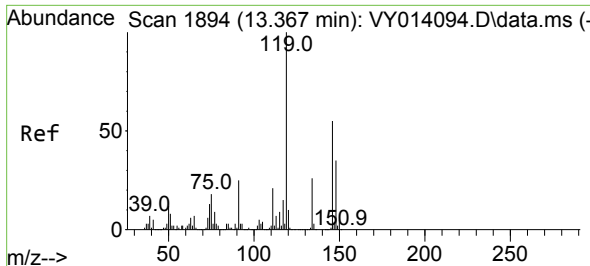
Tgt Ion:105 Resp: 718881
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 52.240 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014488.D
 Acq: 29 Jun 2023 09:38

Tgt Ion:119 Resp: 617924
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 24.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 51.791 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

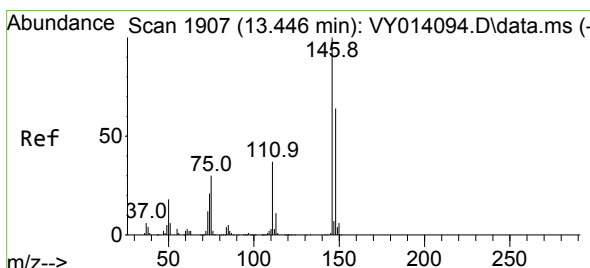
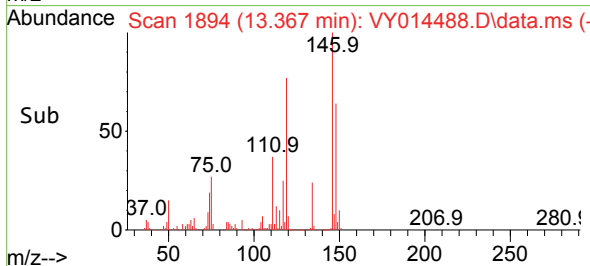
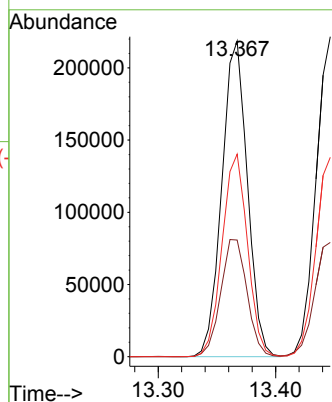
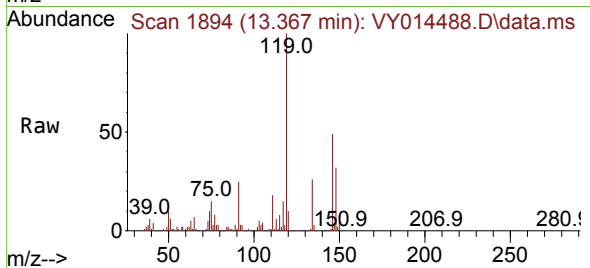
Tgt Ion:146 Resp: 330877

Ion Ratio Lower Upper

146 100

111 38.2 19.4 58.2

148 63.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 51.541 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

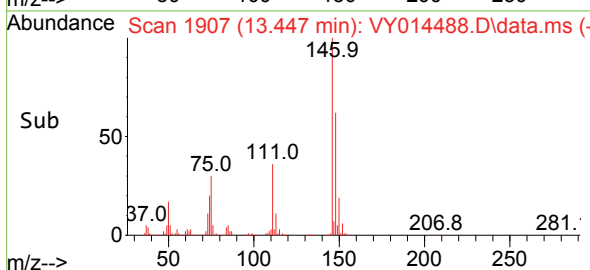
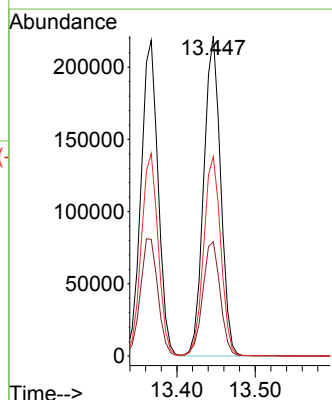
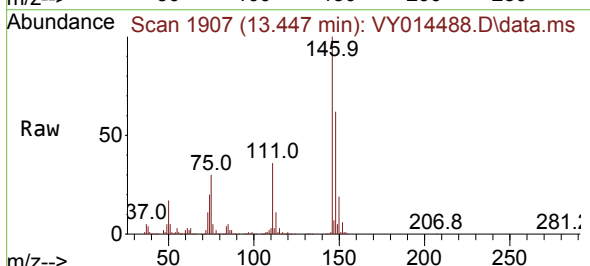
Tgt Ion:146 Resp: 331032

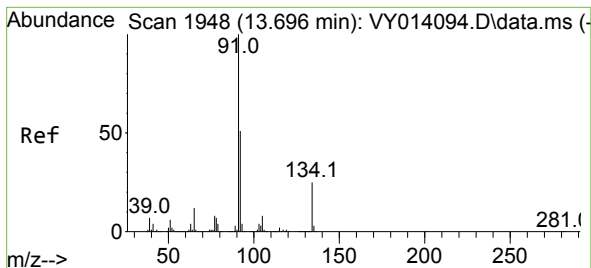
Ion Ratio Lower Upper

146 100

111 37.0 18.9 56.7

148 63.2 32.1 96.5





#89

n-Butylbenzene

Concen: 51.903 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

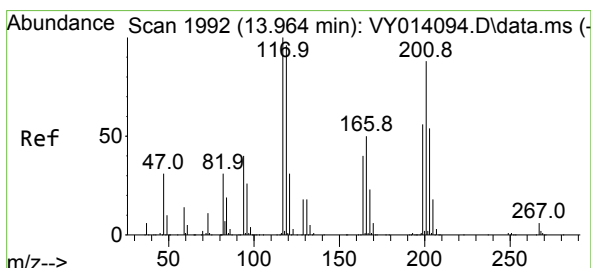
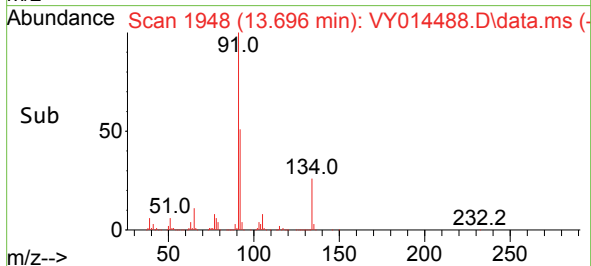
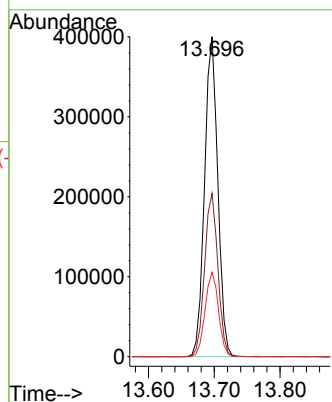
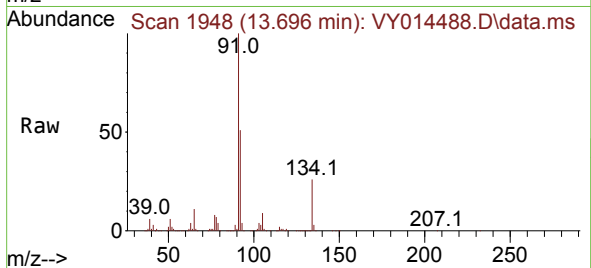
Tgt Ion: 91 Resp: 560943

Ion Ratio Lower Upper

91 100

92 51.2 25.4 76.0

134 26.7 12.6 37.6



#90

Hexachloroethane

Concen: 51.776 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.005 min

Lab File: VY014488.D

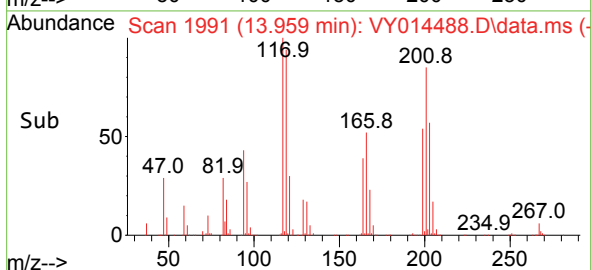
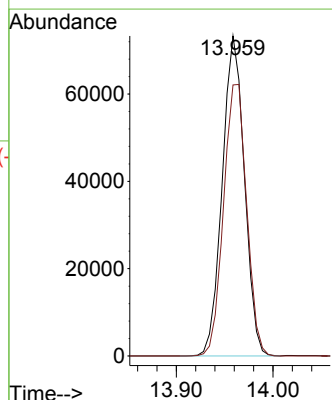
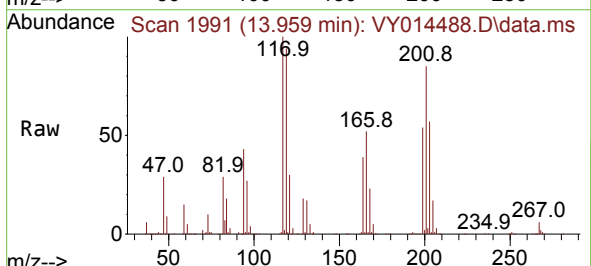
Acq: 29 Jun 2023 09:38

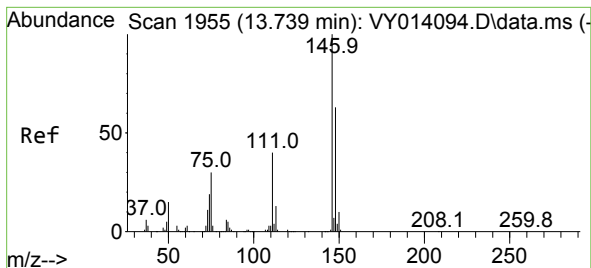
Tgt Ion: 117 Resp: 116509

Ion Ratio Lower Upper

117 100

201 88.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 52.011 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

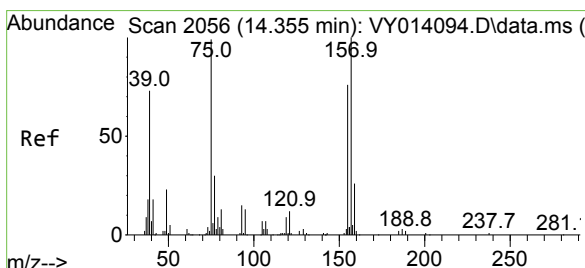
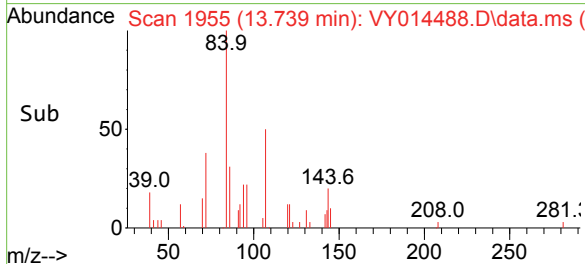
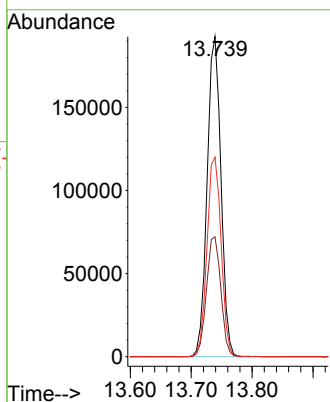
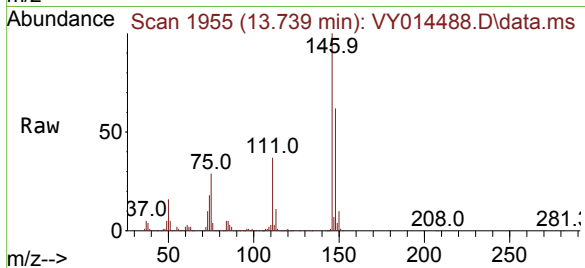
Tgt Ion:146 Resp: 303345

Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.0

148 63.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.003 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

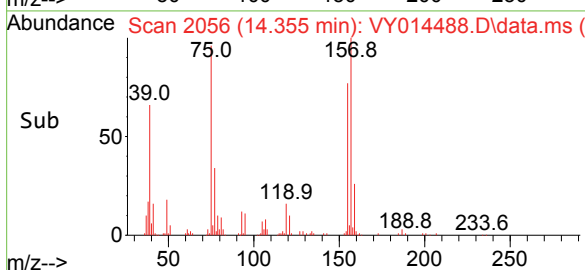
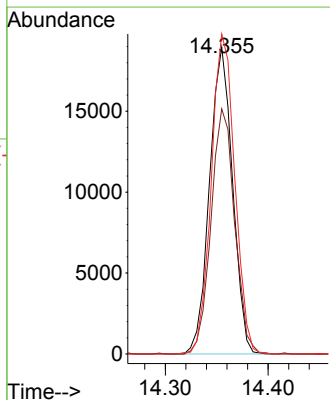
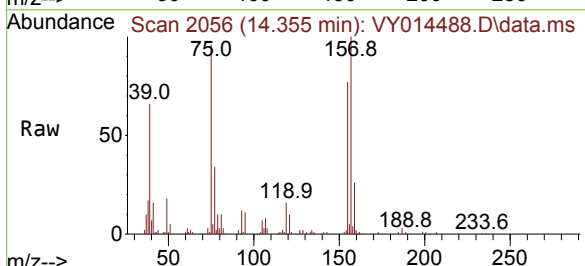
Tgt Ion: 75 Resp: 29485

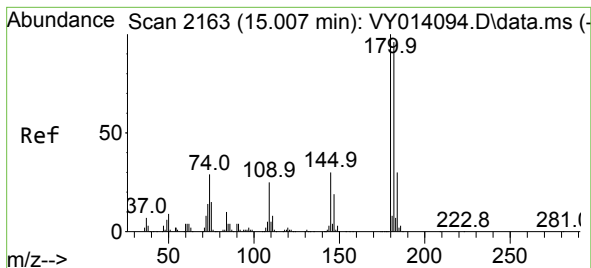
Ion Ratio Lower Upper

75 100

155 81.9 41.5 124.6

157 106.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.729 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

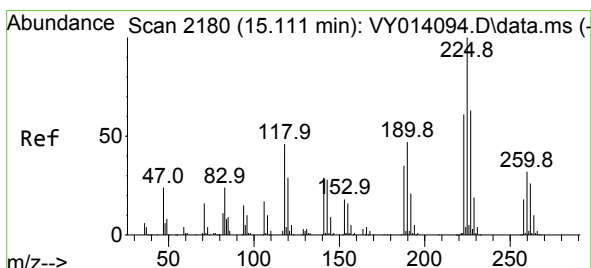
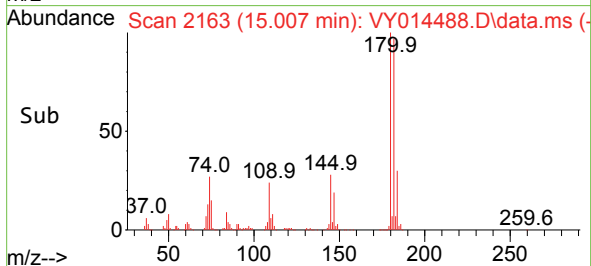
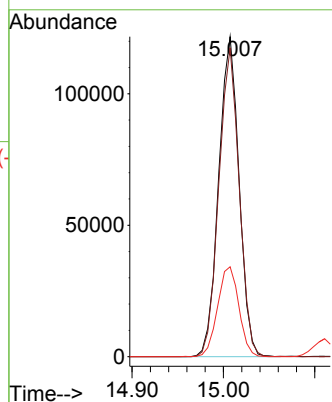
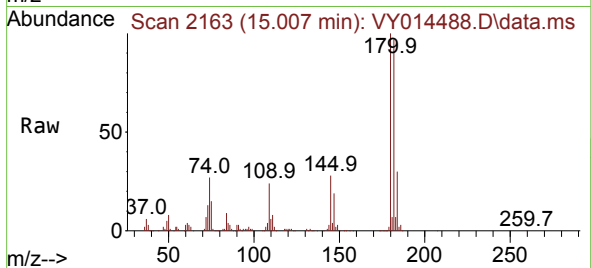
Tgt Ion:180 Resp: 188432

Ion Ratio Lower Upper

180 100

182 96.3 47.0 141.2

145 29.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 47.794 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014488.D

Acq: 29 Jun 2023 09:38

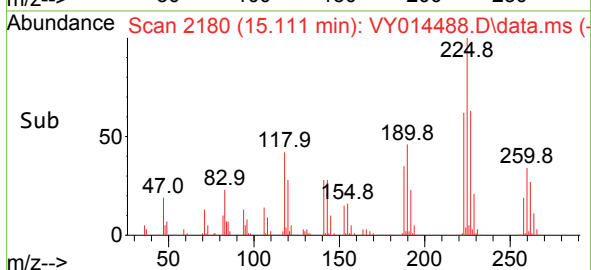
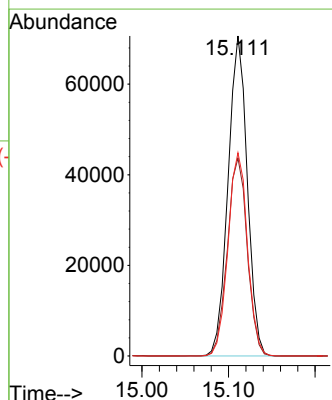
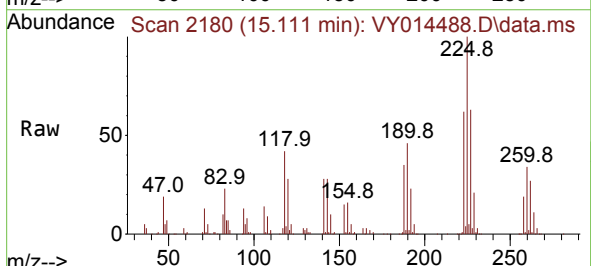
Tgt Ion:225 Resp: 108785

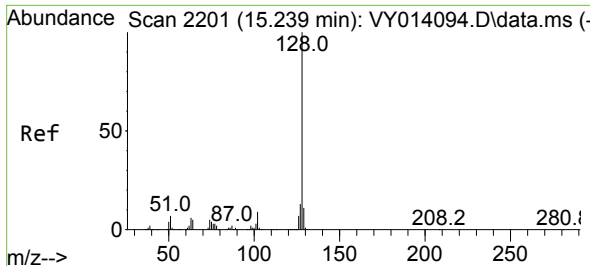
Ion Ratio Lower Upper

225 100

223 63.9 31.9 95.9

227 64.4 33.0 98.9

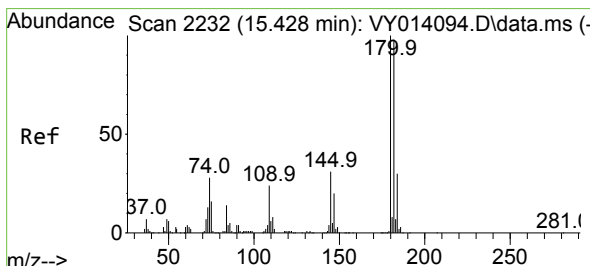
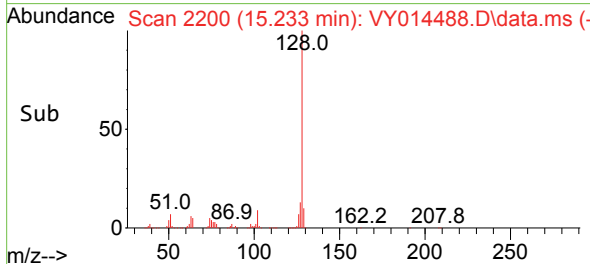
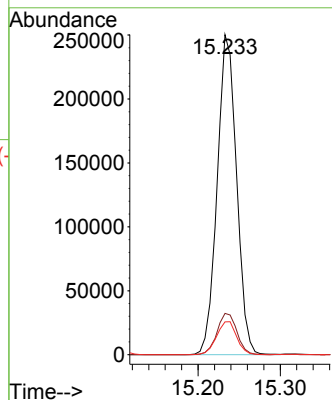
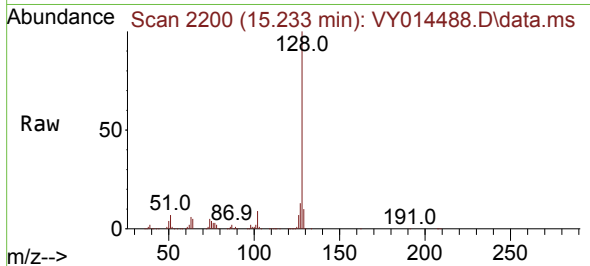




#95
Naphthalene
Concen: 50.385 ug/l
RT: 15.233 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 410466
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.503 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY014488.D
Acq: 29 Jun 2023 09:38

Tgt Ion:180 Resp: 170798
Ion Ratio Lower Upper
180 100
182 95.5 47.3 141.8
145 31.1 15.4 46.2

