

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014301.D
 Acq On : 20 Jun 2023 22:31
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 21 02:10:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	205454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	308062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	301095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169198	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	140679	49.172	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.340%
35) Dibromofluoromethane	7.722	113	119262	54.589	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.180%
50) Toluene-d8	10.185	98	411117	50.334	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.660%
62) 4-Bromofluorobenzene	12.483	95	173026	59.635	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	119.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	104659	45.708	ug/l	99
3) Chloromethane	2.113	50	119389	41.121	ug/l	99
4) Vinyl Chloride	2.253	62	125909	44.605	ug/l	98
5) Bromomethane	2.631	94	94764	40.689	ug/l	98
6) Chloroethane	2.790	64	83678	43.626	ug/l	94
7) Trichlorofluoromethane	3.125	101	235249	51.300	ug/l	100
8) Diethyl Ether	3.534	74	77846	50.839	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	123037	53.162	ug/l	99
10) Methyl Iodide	4.095	142	143269	46.881	ug/l	99
11) Tert butyl alcohol	4.966	59	111963	345.903	ug/l #	83
12) 1,1-Dichloroethene	3.875	96	115660	49.305	ug/l	93
13) Acrolein	3.735	56	31219	233.831	ug/l	100
14) Allyl chloride	4.485	41	205635	48.360	ug/l	99
15) Acrylonitrile	5.168	53	244056	309.005	ug/l	99
16) Acetone	3.954	43	211470	245.215	ug/l	98
17) Carbon Disulfide	4.198	76	352343	46.351	ug/l	98
18) Methyl Acetate	4.485	43	239146	71.443	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	376018	54.349	ug/l	99
20) Methylene Chloride	4.716	84	179533	66.384	ug/l	93
21) trans-1,2-Dichloroethene	5.222	96	133797	51.137	ug/l	99
22) Diisopropyl ether	6.125	45	437079	53.686	ug/l	96
23) Vinyl Acetate	6.064	43	1232191	256.513	ug/l	98
24) 1,1-Dichloroethane	6.021	63	244561	52.100	ug/l	99
25) 2-Butanone	6.990	43	340790	321.027	ug/l	99
26) 2,2-Dichloropropane	6.990	77	209032	47.412	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	154762	52.876	ug/l	99
28) Bromochloromethane	7.338	49	93615	49.041	ug/l	96
29) Tetrahydrofuran	7.356	42	227528	338.006	ug/l	99
30) Chloroform	7.509	83	267528	53.721	ug/l	95
31) Cyclohexane	7.789	56	200566	52.332	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	241256	53.714	ug/l	99
36) 1,1-Dichloropropene	7.923	75	190683	55.985	ug/l	99
37) Ethyl Acetate	7.076	43	139165	59.217	ug/l	97
38) Carbon Tetrachloride	7.905	117	225004	57.246	ug/l	99
39) Methylcyclohexane	9.191	83	216795	57.369	ug/l	100
40) Benzene	8.167	78	557759	55.071	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	213593	178.088	ug/l #	29
42) 1,2-Dichloroethane	8.240	62	199294	55.645	ug/l	100
43) Isopropyl Acetate	8.277	43	242778	58.942	ug/l	98
44) Trichloroethene	8.947	130	151410	55.954	ug/l	96
45) 1,2-Dichloropropane	9.222	63	141866	55.147	ug/l	98
46) Dibromomethane	9.313	93	89777	56.694	ug/l	100
47) Bromodichloromethane	9.502	83	207072	55.849	ug/l	99
48) Methyl methacrylate	9.295	41	122762	63.901	ug/l	97
49) 1,4-Dioxane	9.307	88	29082	1445.343	ug/l #	60
51) 4-Methyl-2-Pentanone	10.075	43	761644	340.358	ug/l	100
52) Toluene	10.246	92	355225	56.579	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	217101	55.621	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	233746	54.888	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	124929	59.480	ug/l	98
56) Ethyl methacrylate	10.514	69	176274	60.846	ug/l	98
57) 1,3-Dichloropropane	10.795	76	208566	58.060	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	436379	327.126	ug/l	98
59) 2-Hexanone	10.837	43	555068	343.430	ug/l	99
60) Dibromochloromethane	10.990	129	158412	58.928	ug/l	99
61) 1,2-Dibromoethane	11.093	107	121708	58.714	ug/l	100
64) Tetrachloroethene	10.721	164	159285	62.065	ug/l	98
65) Chlorobenzene	11.520	112	382959	52.933	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	153106	53.804	ug/l	98
67) Ethyl Benzene	11.593	91	697176	55.053	ug/l	100
68) m/p-Xylenes	11.709	106	536590	110.160	ug/l	99
69) o-Xylene	12.032	106	257237	55.857	ug/l	99
70) Styrene	12.044	104	443989	56.488	ug/l	99
71) Bromoform	12.209	173	114962	58.990	ug/l #	98
73) Isopropylbenzene	12.331	105	680553	52.725	ug/l	100
74) N-amyl acetate	12.148	43	214999	52.563	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	159656	55.356	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	218966	98.641	ug/l #	100
77) Bromobenzene	12.611	156	173587	51.168	ug/l	99
78) n-propylbenzene	12.672	91	847047	53.728	ug/l	99
79) 2-Chlorotoluene	12.758	91	476049	52.478	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	592370	53.599	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	55575	54.117	ug/l	99
82) 4-Chlorotoluene	12.855	91	500882	52.105	ug/l	99
83) tert-Butylbenzene	13.075	119	512171	54.533	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	595987	54.477	ug/l	99
85) sec-Butylbenzene	13.258	105	748132	54.790	ug/l	100
86) p-Isopropyltoluene	13.373	119	628750	53.803	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	339801	52.461	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	339205	51.977	ug/l	99
89) n-Butylbenzene	13.696	91	593031	54.713	ug/l	99
90) Hexachloroethane	13.965	117	125454	53.874	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	311297	53.511	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	32521	59.212	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	191971	52.091	ug/l	99
94) Hexachlorobutadiene	15.111	225	116174	54.603	ug/l	98
95) Naphthalene	15.239	128	431889	57.737	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	177988	53.448	ug/l	100

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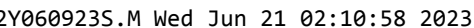
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

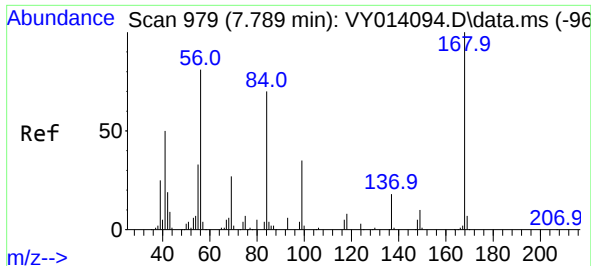
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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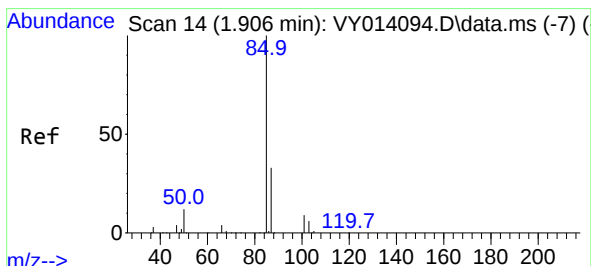
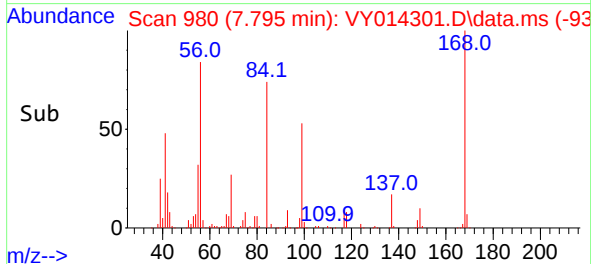
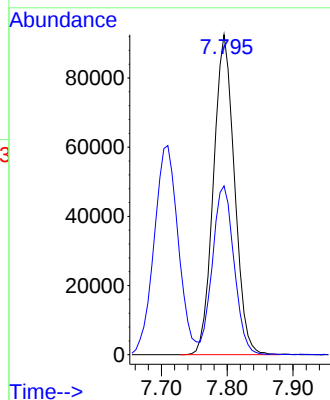
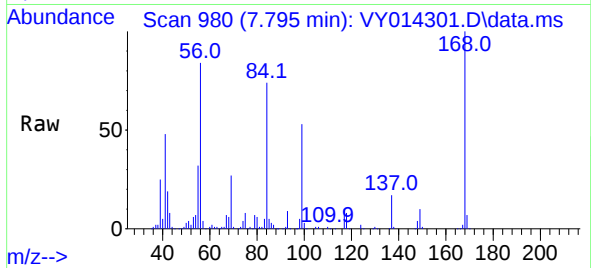




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014301.D
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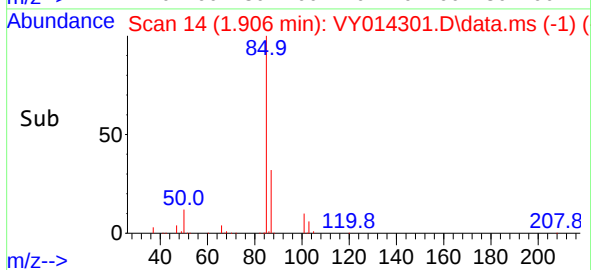
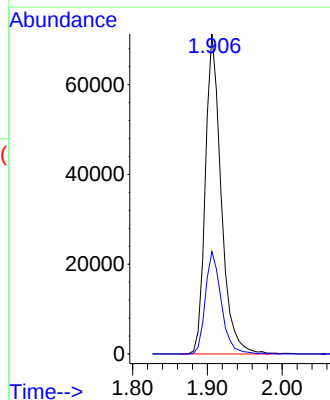
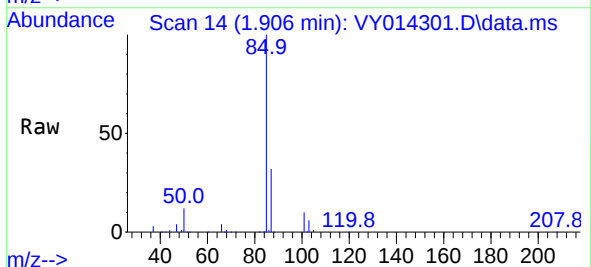
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 205454
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.0

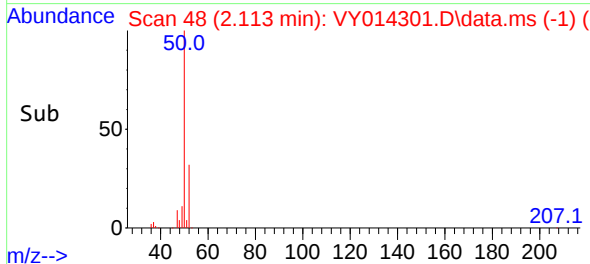
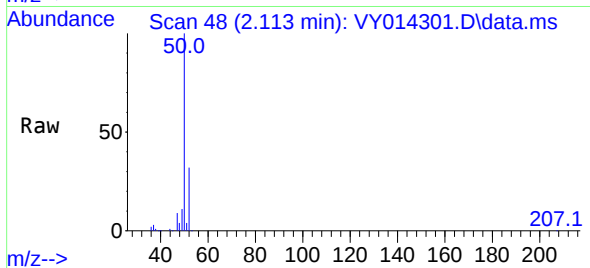
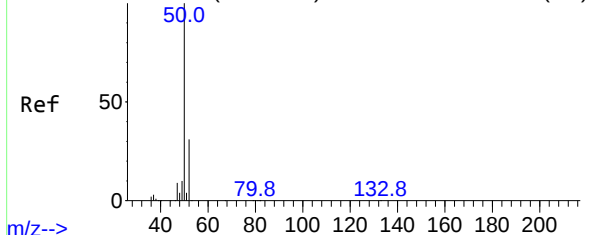


#2
Dichlorodifluoromethane
Concen: 45.708 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 85 Resp: 104659
Ion Ratio Lower Upper
85 100
87 32.0 15.6 46.8



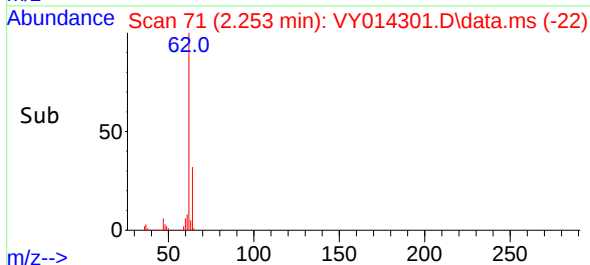
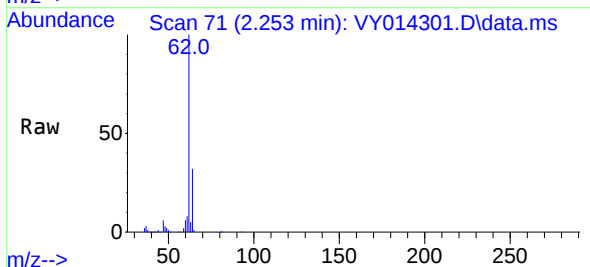
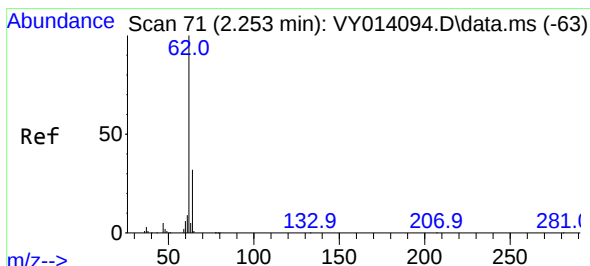
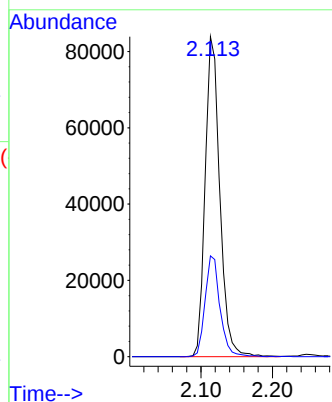
Abundance Scan 48 (2.113 min): VY014094.D\data.ms (-42)



#3
Chloromethane
Concen: 41.121 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

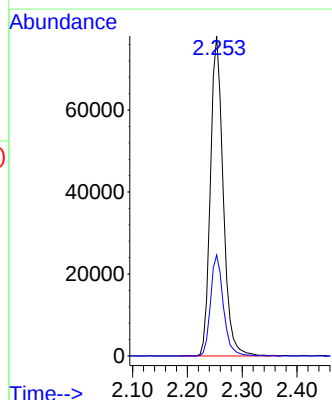
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

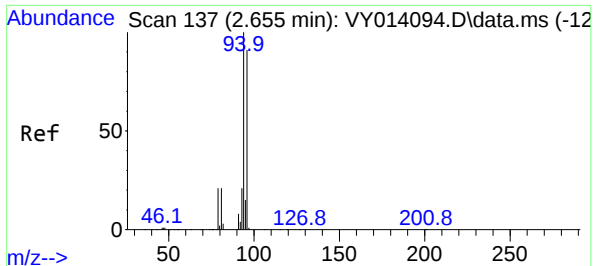
Tgt Ion: 50 Resp: 119389
Ion Ratio Lower Upper
50 100
52 31.5 25.4 38.2



#4
Vinyl Chloride
Concen: 44.605 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 62 Resp: 125909
Ion Ratio Lower Upper
62 100
64 31.6 24.3 36.5

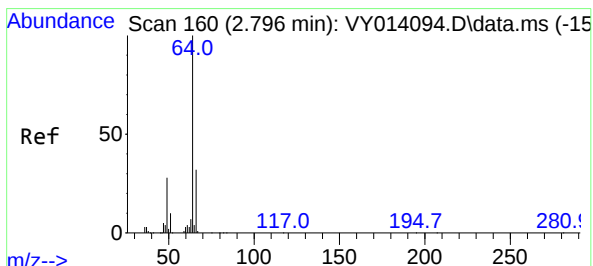
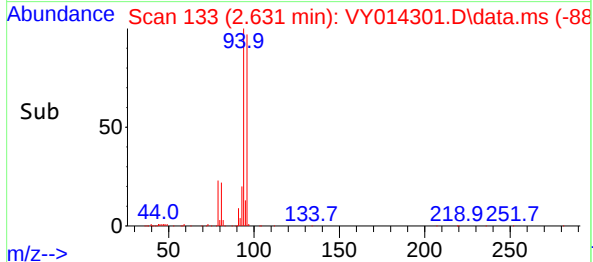
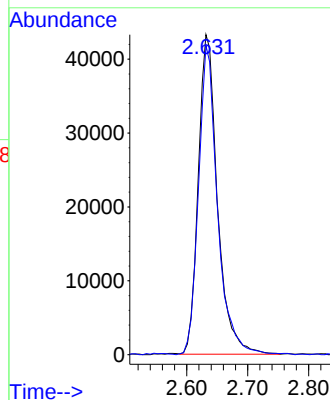
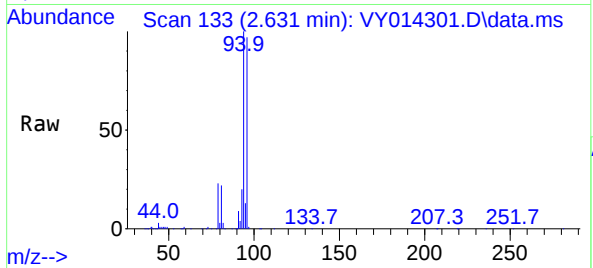




#5
Bromomethane
Concen: 40.689 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

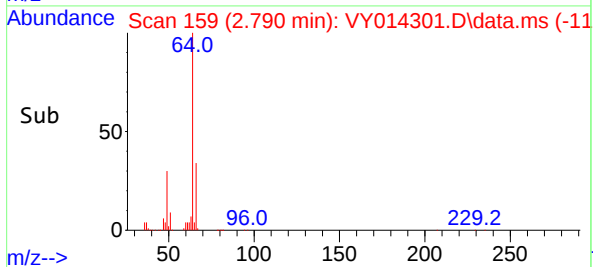
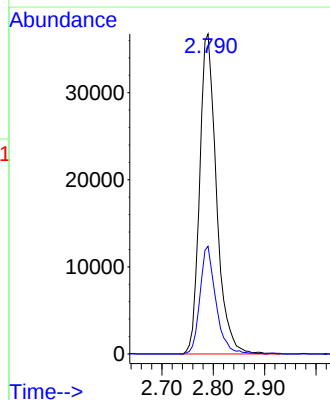
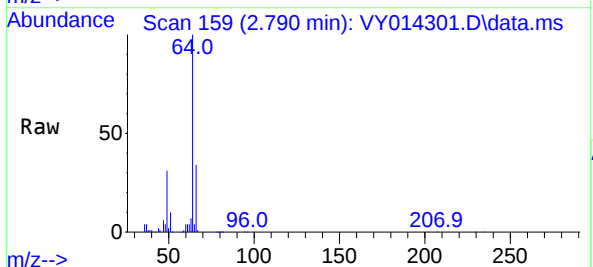
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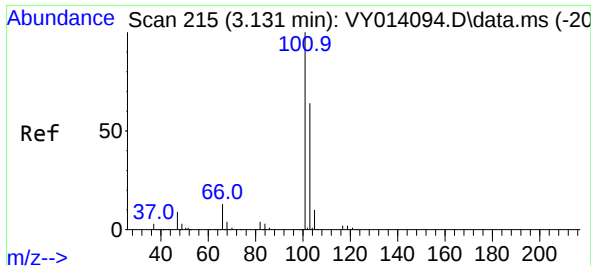
Tgt Ion: 94 Resp: 94764
Ion Ratio Lower Upper
94 100
96 96.4 75.8 113.6



#6
Chloroethane
Concen: 43.626 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 64 Resp: 83678
Ion Ratio Lower Upper
64 100
66 33.6 24.4 36.6

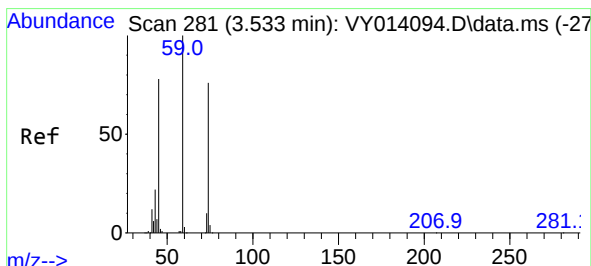
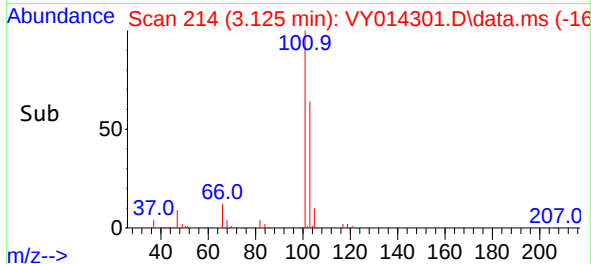
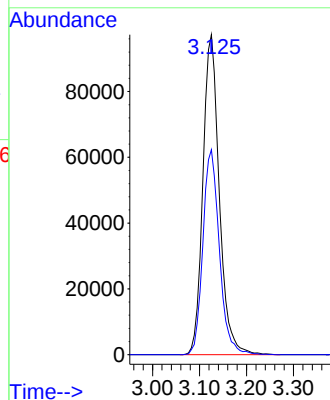
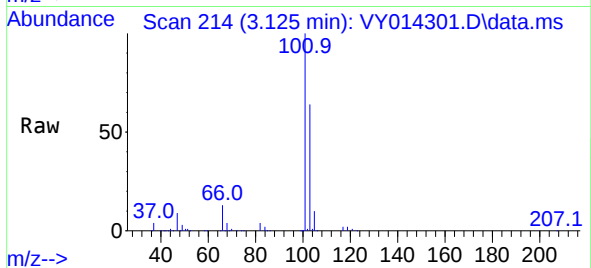




#7
Trichlorofluoromethane
Concen: 51.300 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

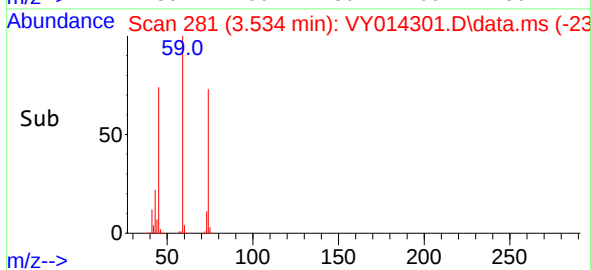
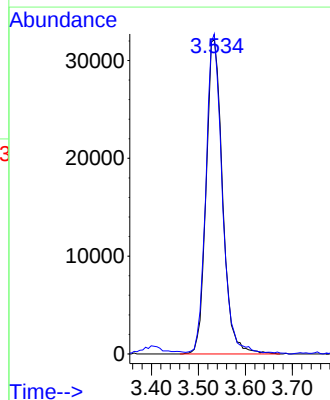
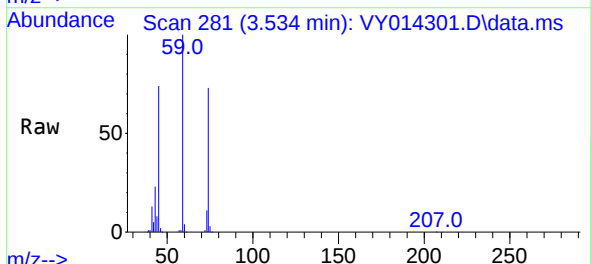
Instrument :
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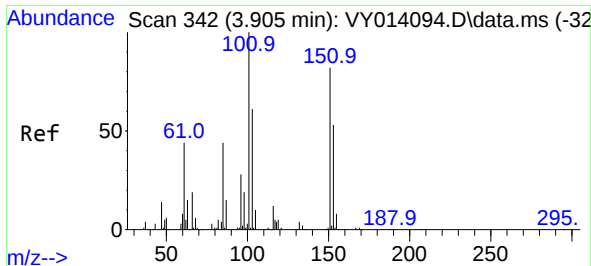
Tgt Ion:101 Resp: 235249
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.0



#8
Diethyl Ether
Concen: 50.839 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.001 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 74 Resp: 77846
Ion Ratio Lower Upper
74 100
45 99.4 51.5 154.5

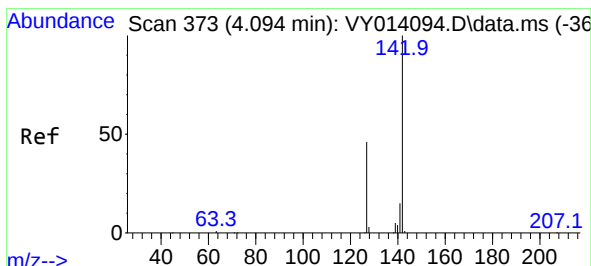
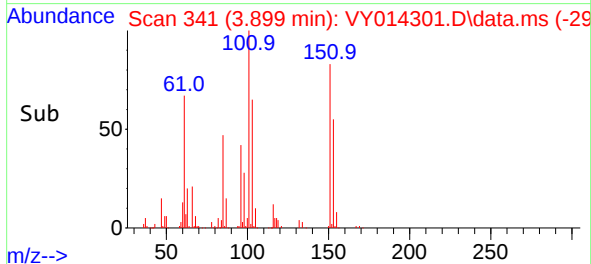
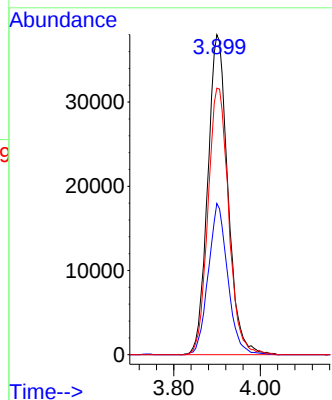
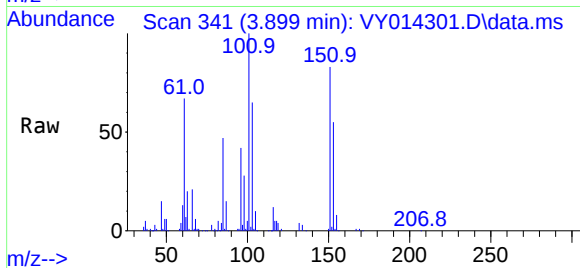




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.162 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

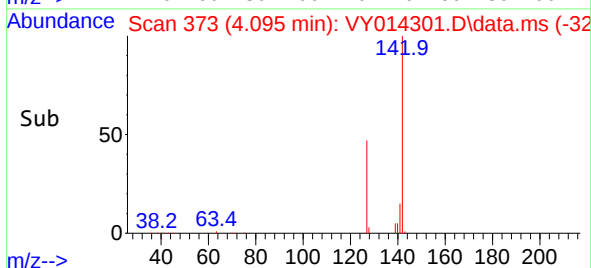
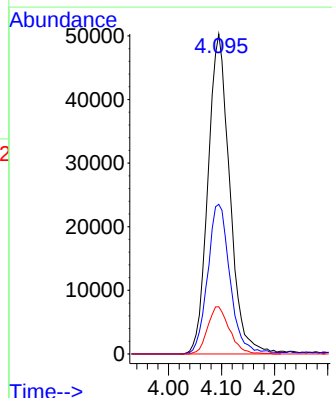
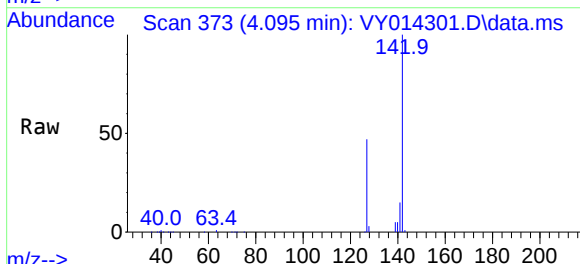
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

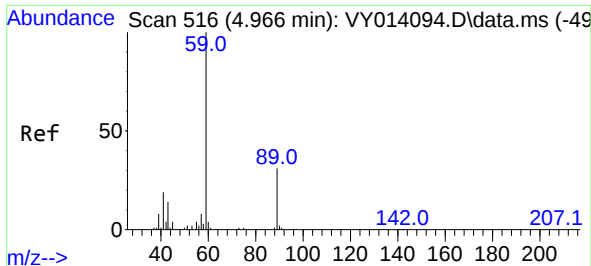
Tgt Ion:101 Resp: 123037
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 85.5 67.0 100.6



#10
Methyl Iodide
Concen: 46.881 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.001 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion:142 Resp: 143269
Ion Ratio Lower Upper
142 100
127 48.3 37.6 56.4
141 14.8 11.8 17.8

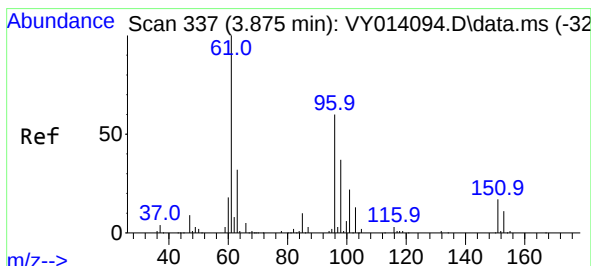
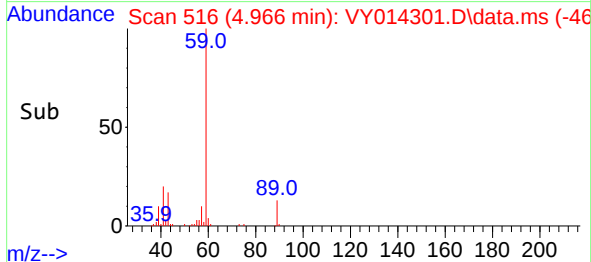
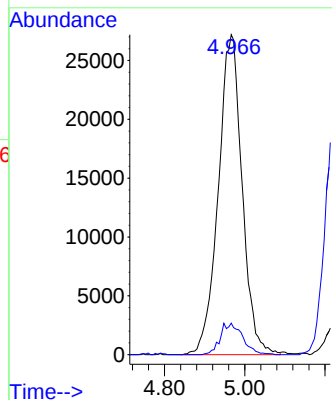
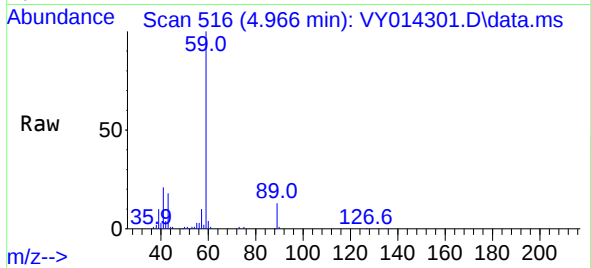




#11
Tert butyl alcohol
Concen: 345.903 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

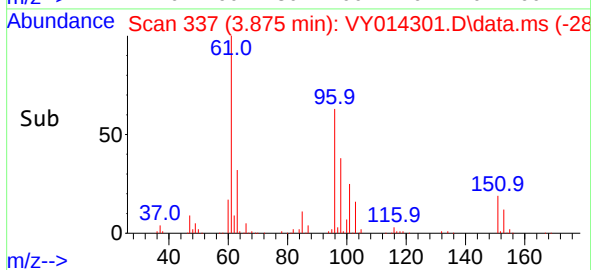
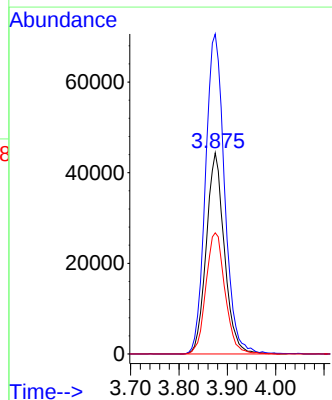
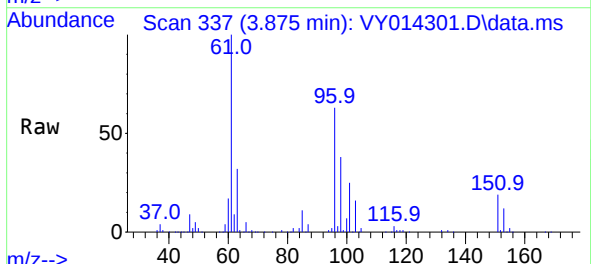
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

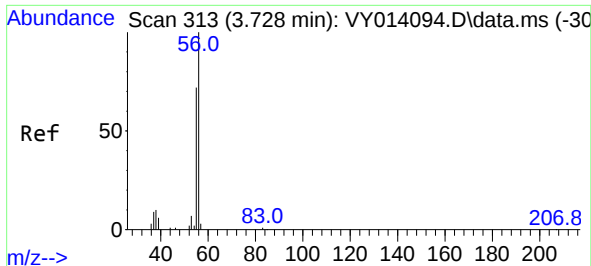
Tgt Ion: 59 Resp: 111963
Ion Ratio Lower Upper
59 100
57 9.3 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.305 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 96 Resp: 115660
Ion Ratio Lower Upper
96 100
61 159.1 136.4 204.6
98 60.3 49.4 74.2

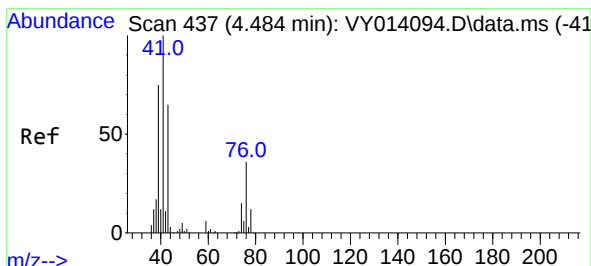
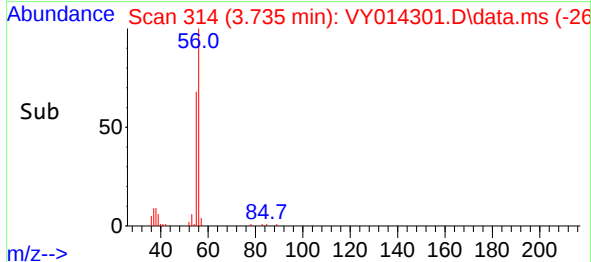
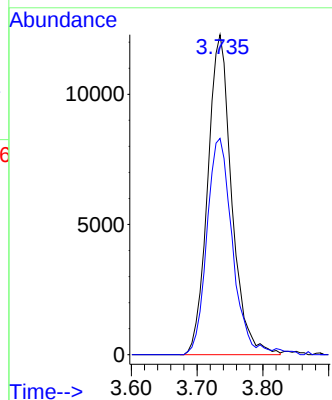
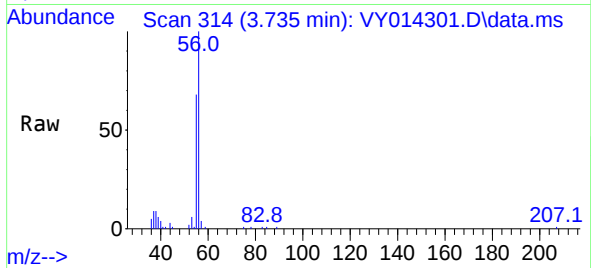




#13
Acrolein
Concen: 233.831 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.007 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

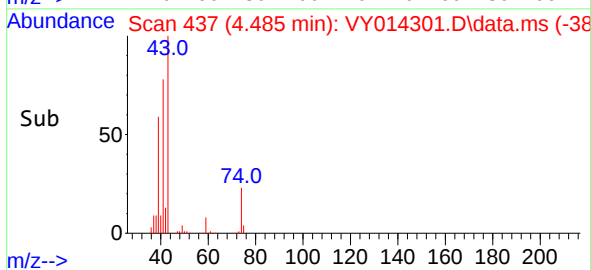
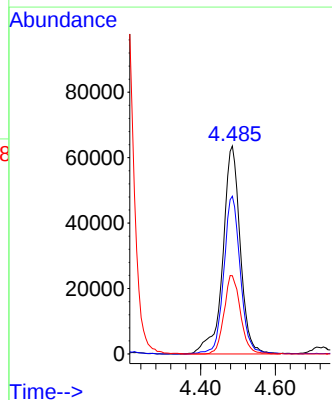
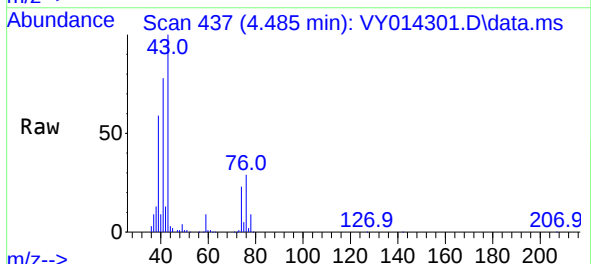
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

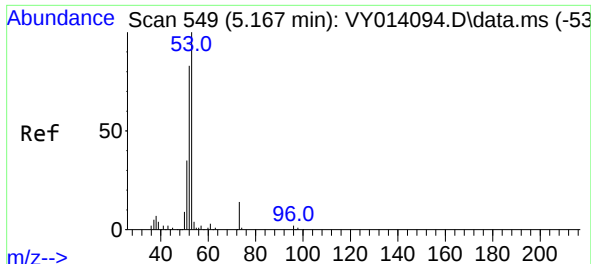
Tgt Ion: 56 Resp: 31219
Ion Ratio Lower Upper
56 100
55 71.6 57.0 85.4



#14
Allyl chloride
Concen: 48.360 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.001 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 41 Resp: 205635
Ion Ratio Lower Upper
41 100
39 72.1 58.0 87.0
76 35.4 27.4 41.2



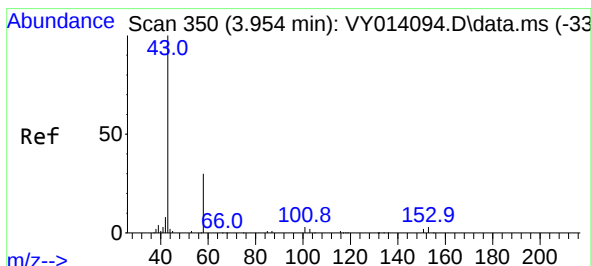
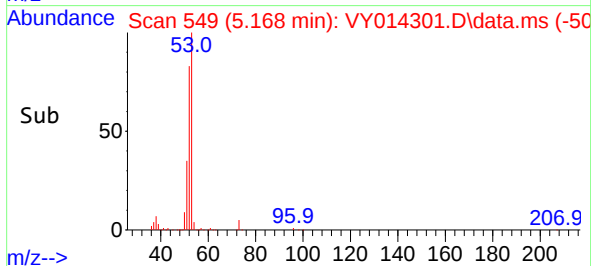
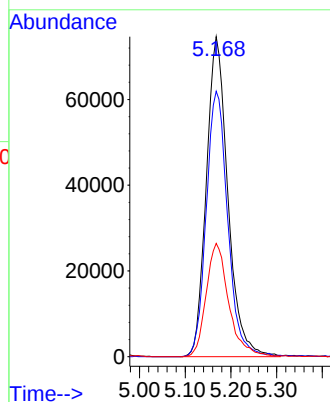
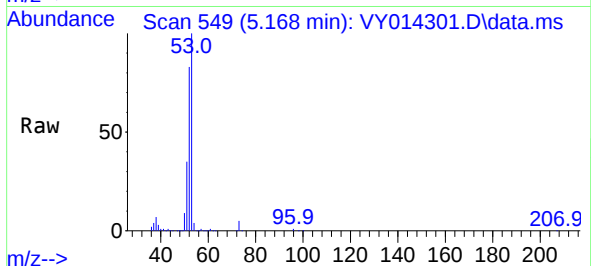


#15
Acrylonitrile
Concen: 309.005 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.001 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 244056

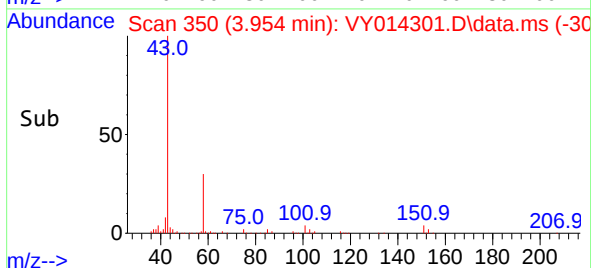
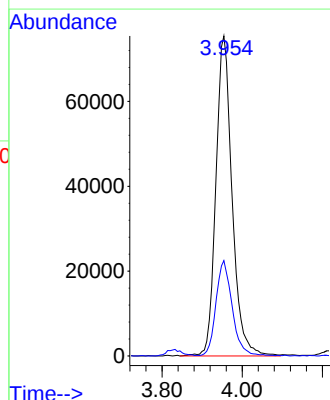
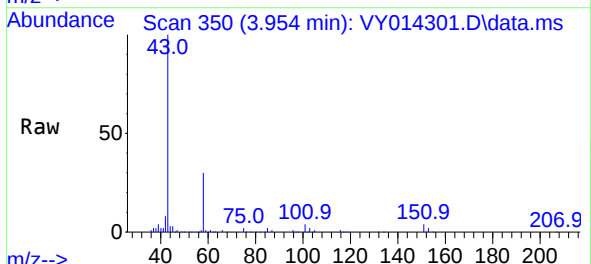
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.9	100.3
51	37.3	29.8	44.6

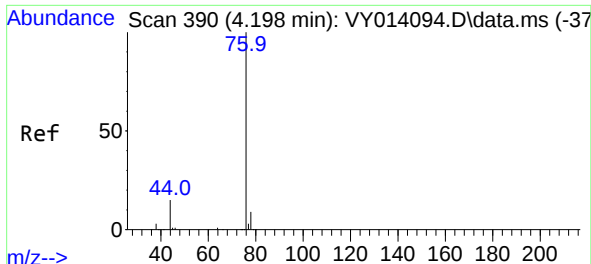


#16
Acetone
Concen: 245.215 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 43 Resp: 211470

Ion	Ratio	Lower	Upper
43	100		
58	29.7	22.7	34.1

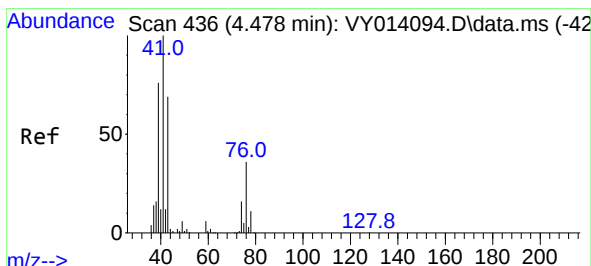
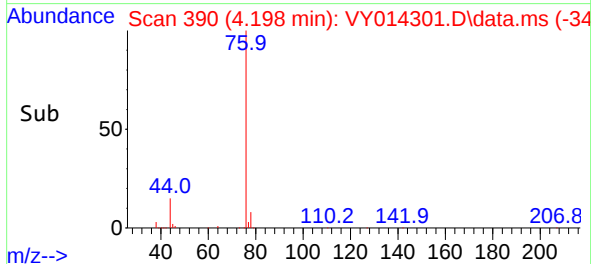
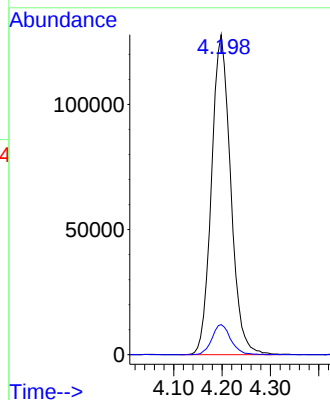
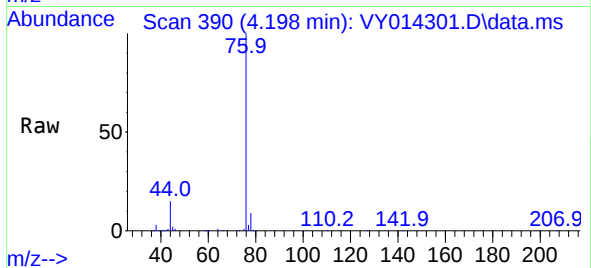




#17
Carbon Disulfide
Concen: 46.351 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

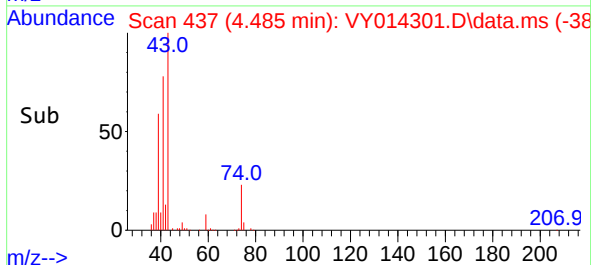
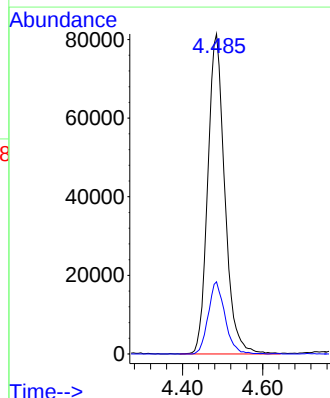
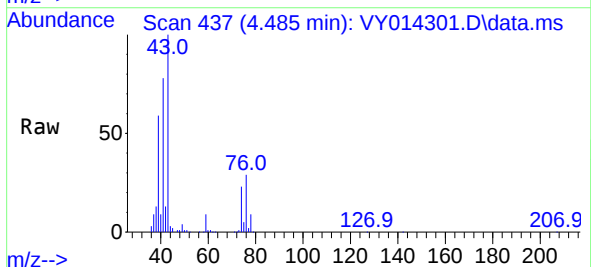
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

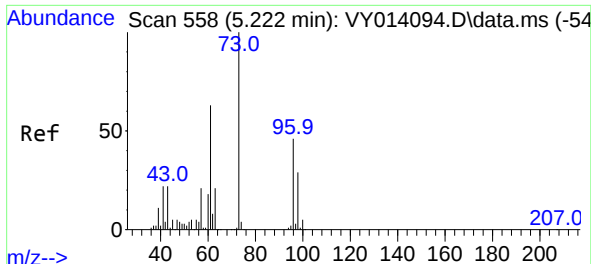
Tgt Ion: 76 Resp: 352343
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 71.443 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.007 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 43 Resp: 239146
Ion Ratio Lower Upper
43 100
74 22.3 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 54.349 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY014301.D

Acq: 20 Jun 2023 22:31

Instrument :

MSVOA_Y

ClientSampleId :

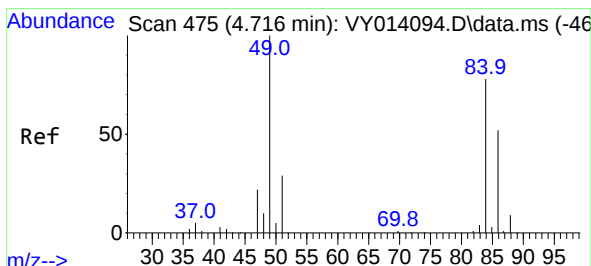
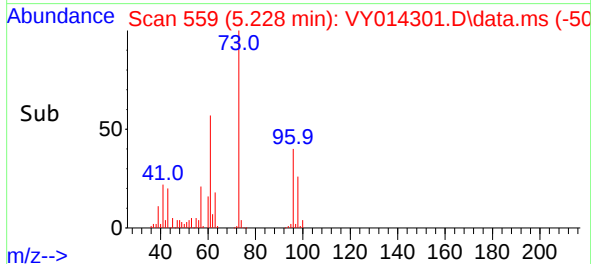
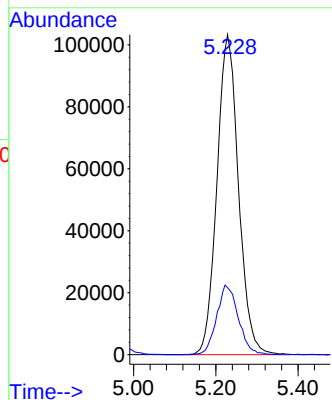
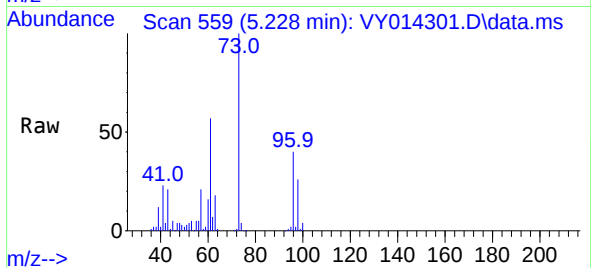
VSTDCCC050

Tgt Ion: 73 Resp: 376018

Ion Ratio Lower Upper

73 100

57 21.0 17.3 25.9



#20

Methylene Chloride

Concen: 66.384 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY014301.D

Acq: 20 Jun 2023 22:31

Tgt Ion: 84 Resp: 179533

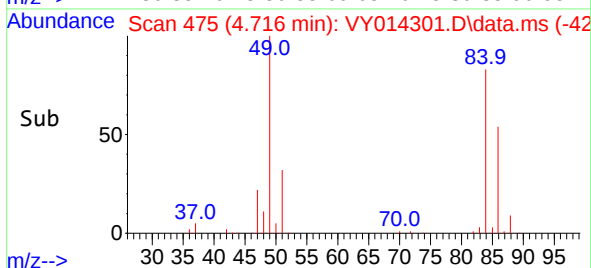
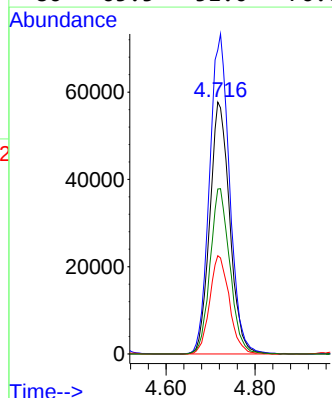
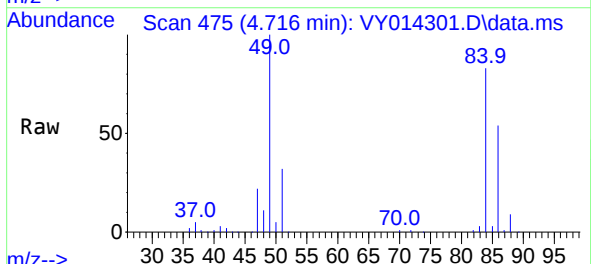
Ion Ratio Lower Upper

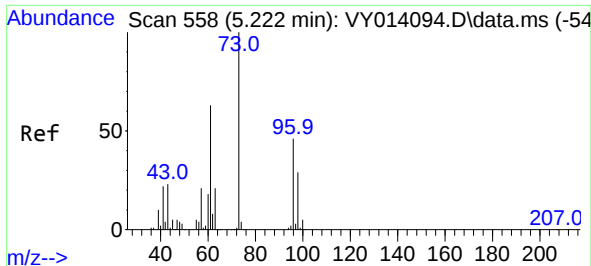
84 100

49 120.7 106.9 160.3

51 39.0 33.2 49.8

86 65.5 51.0 76.6

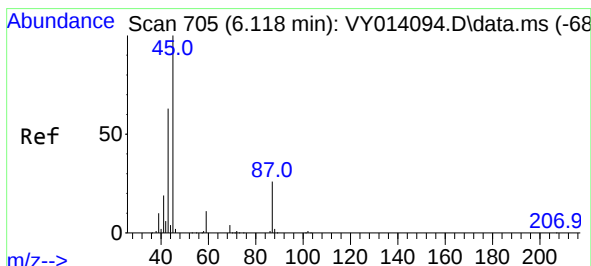
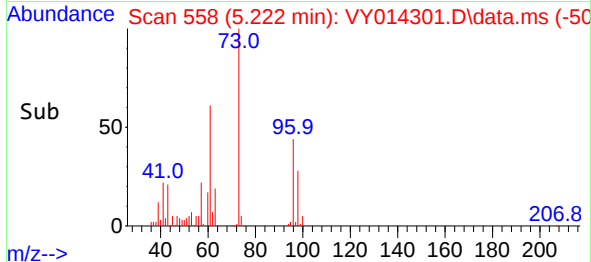
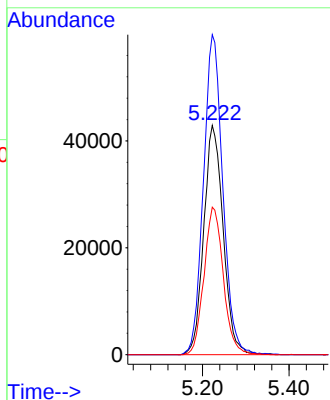
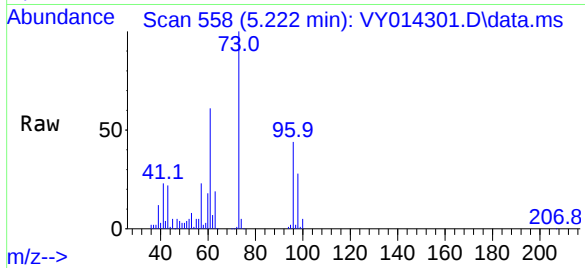




#21
trans-1,2-Dichloroethene
Concen: 51.137 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

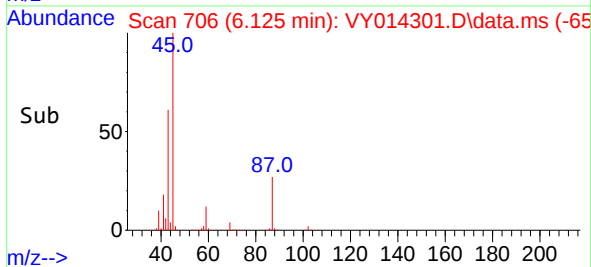
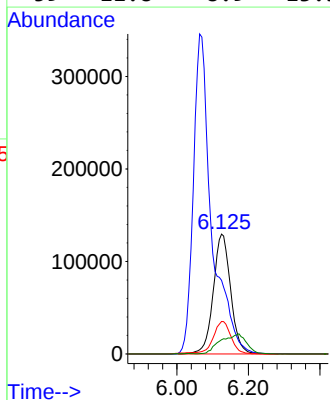
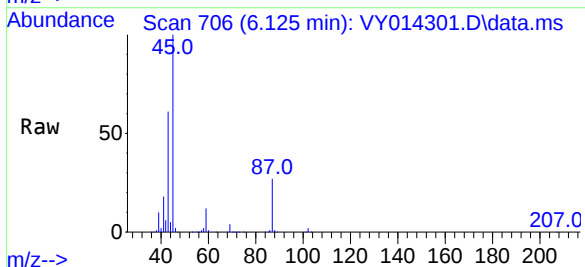
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

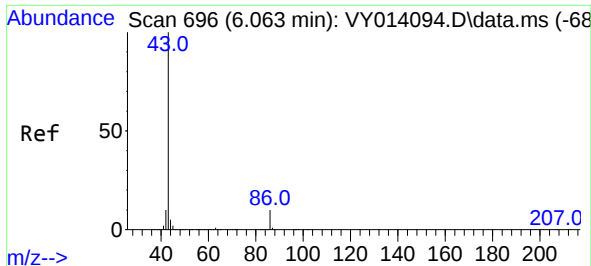
Tgt Ion: 96 Resp: 133797
Ion Ratio Lower Upper
96 100
61 139.6 110.2 165.4
98 64.4 51.8 77.6



#22
Diisopropyl ether
Concen: 53.686 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.007 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 45 Resp: 437079
Ion Ratio Lower Upper
45 100
43 61.2 52.2 78.4
87 27.0 21.0 31.6
59 11.8 8.9 13.3

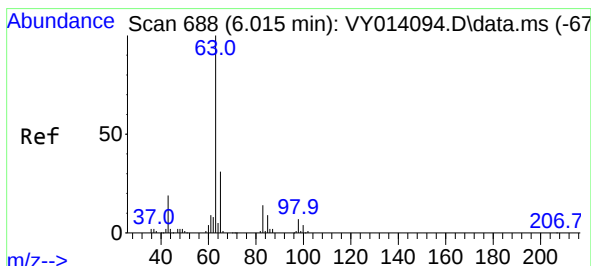
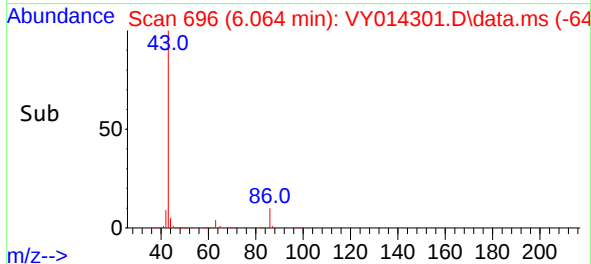
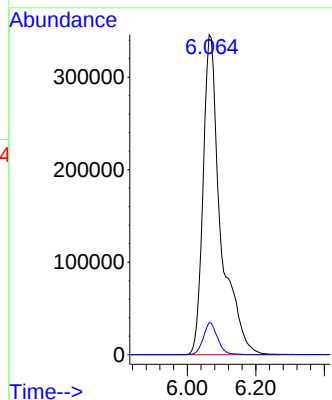
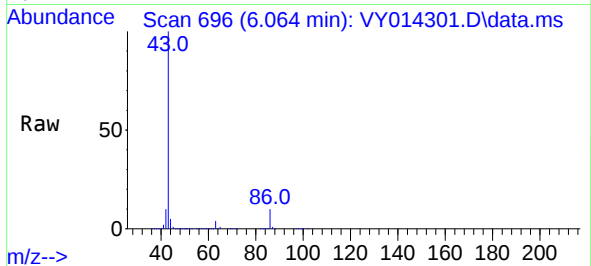




#23
 Vinyl Acetate
 Concen: 256.513 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.001 min
 Lab File: VY014301.D
 Acq: 20 Jun 2023 22:31

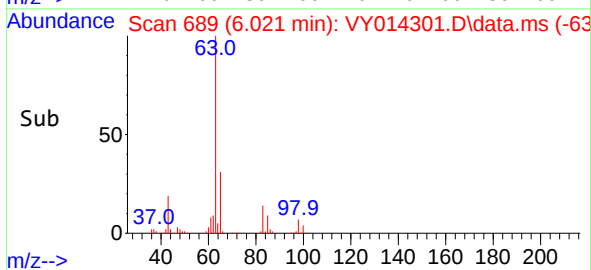
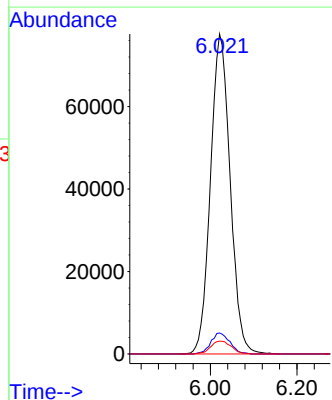
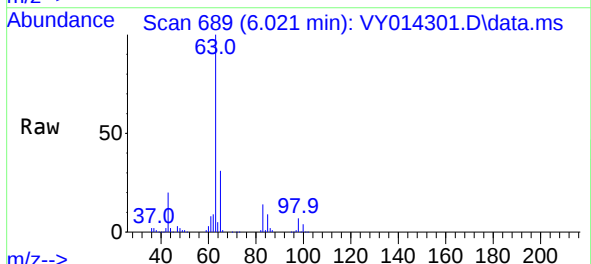
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

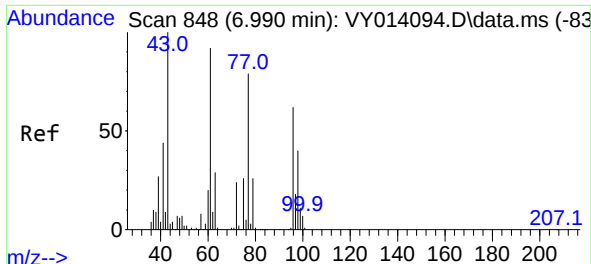
Tgt Ion: 43 Resp: 1232191
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 52.100 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY014301.D
 Acq: 20 Jun 2023 22:31

Tgt Ion: 63 Resp: 244561
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.4
 100 4.0 1.8 5.5

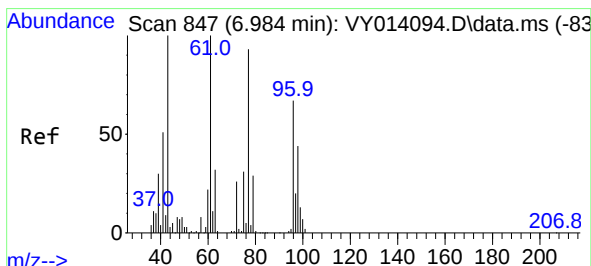
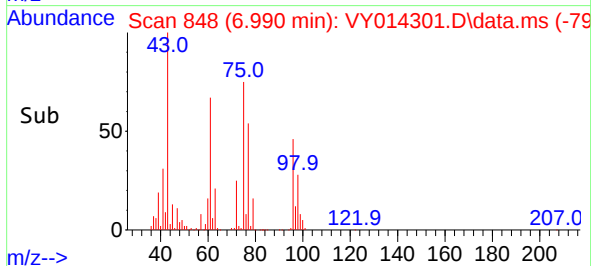
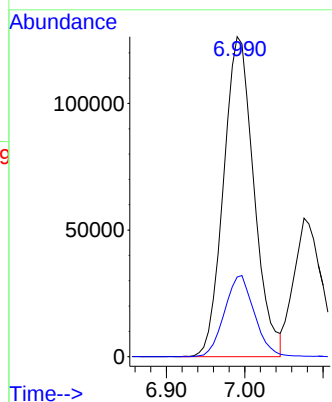
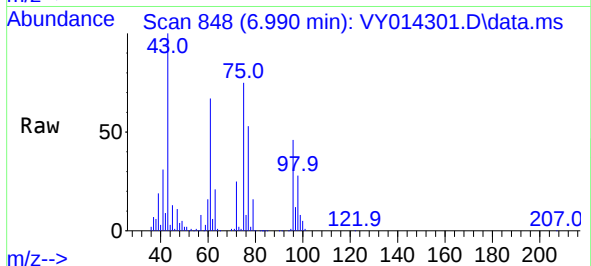




#25
2-Butanone
Concen: 321.027 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

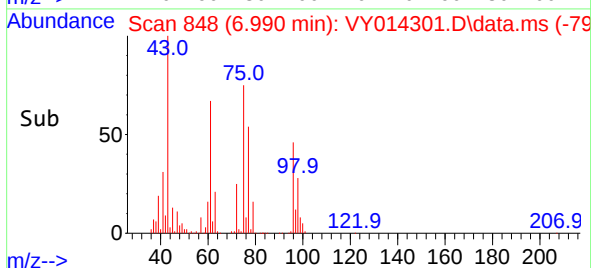
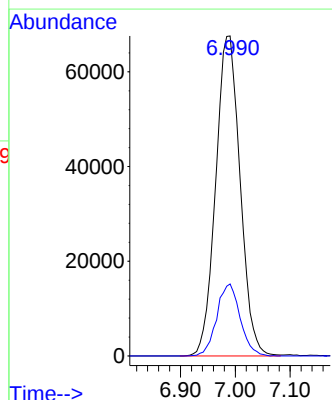
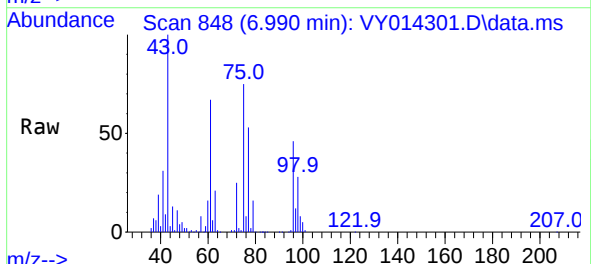
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

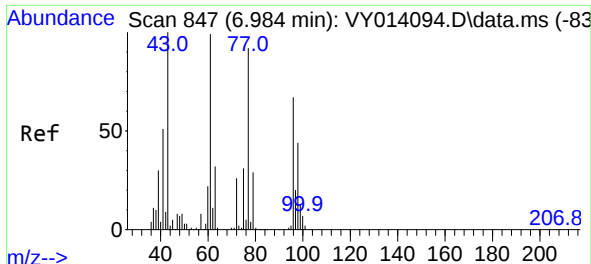
Tgt Ion: 43 Resp: 340790
Ion Ratio Lower Upper
43 100
72 24.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 47.412 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 77 Resp: 209032
Ion Ratio Lower Upper
77 100
97 21.6 10.9 32.9

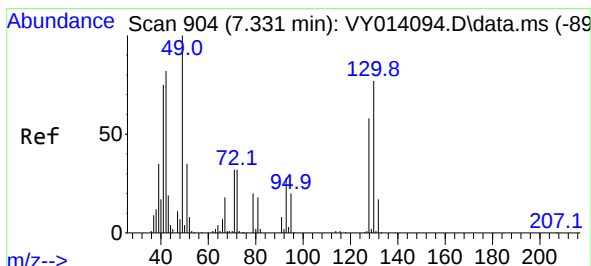
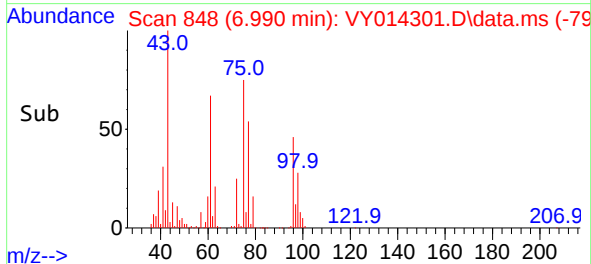
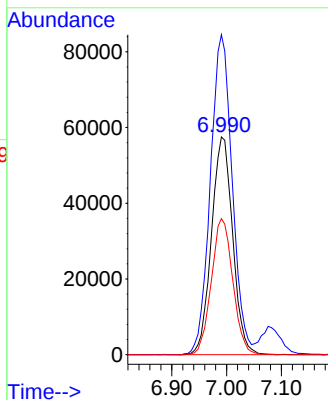
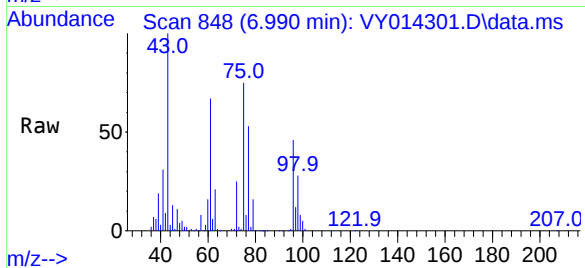




#27
 cis-1,2-Dichloroethene
 Concen: 52.876 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. 0.006 min
 Lab File: VY014301.D
 Acq: 20 Jun 2023 22:31

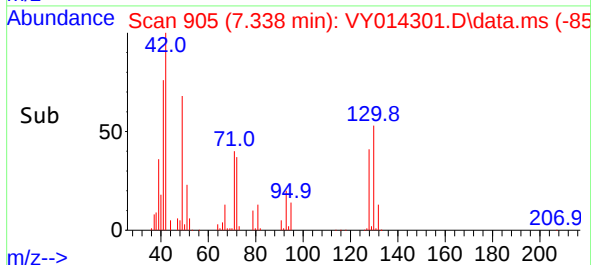
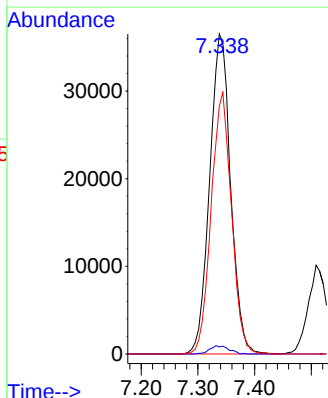
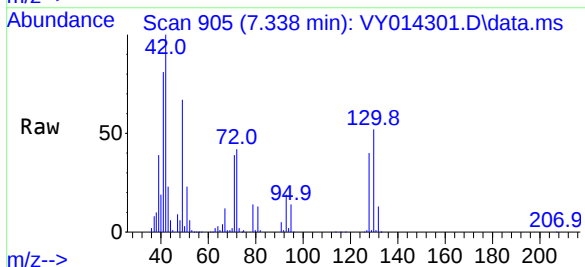
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

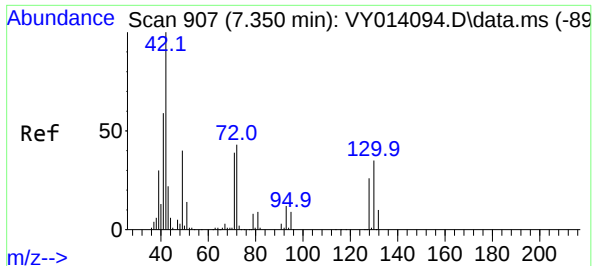
Tgt Ion: 96 Resp: 154762
 Ion Ratio Lower Upper
 96 100
 61 150.7 0.0 301.4
 98 63.1 0.0 130.4



#28
 Bromochloromethane
 Concen: 49.041 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.007 min
 Lab File: VY014301.D
 Acq: 20 Jun 2023 22:31

Tgt Ion: 49 Resp: 93615
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 79.3 60.7 91.1

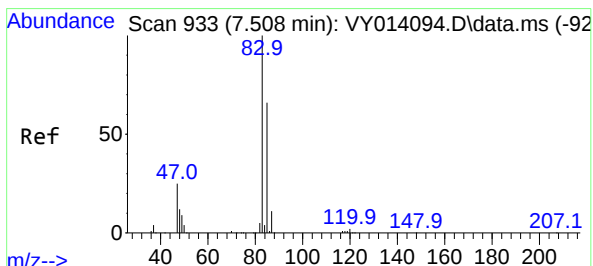
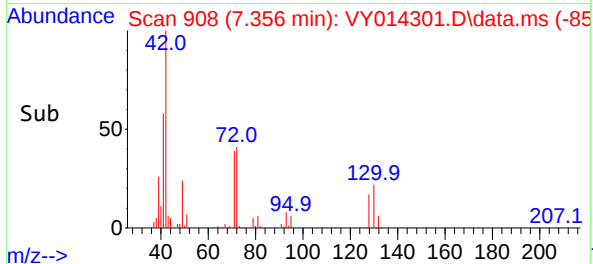
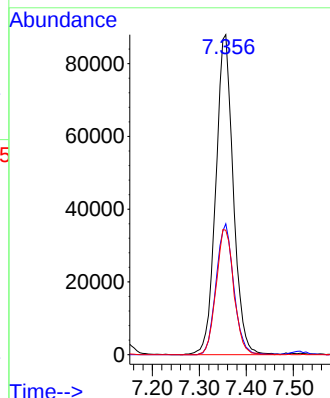
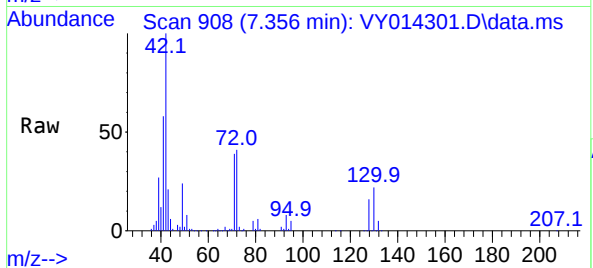




#29
Tetrahydrofuran
Concen: 338.006 ug/l
RT: 7.356 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

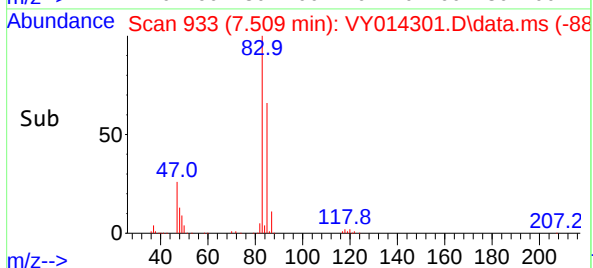
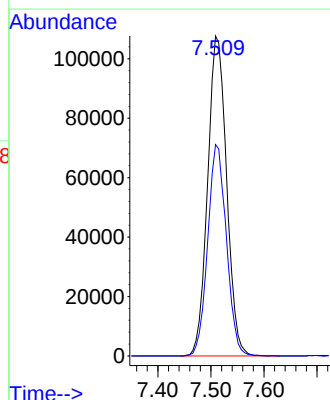
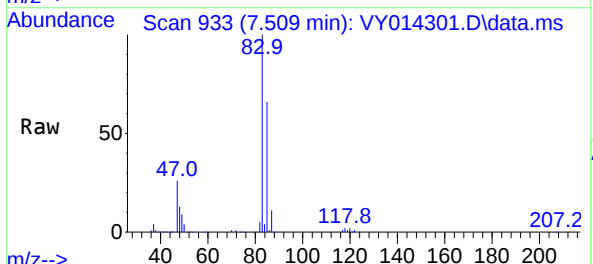
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

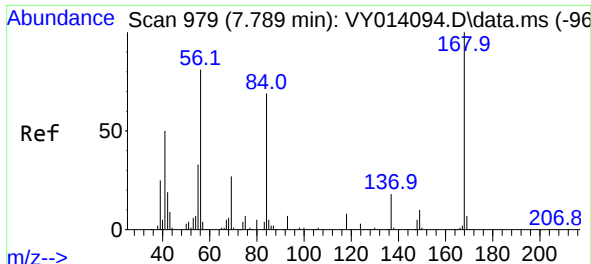
Tgt Ion: 42 Resp: 227528
Ion Ratio Lower Upper
42 100
72 41.1 32.8 49.2
71 39.7 31.0 46.4



#30
Chloroform
Concen: 53.721 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.001 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 83 Resp: 267528
Ion Ratio Lower Upper
83 100
85 66.0 49.7 74.5

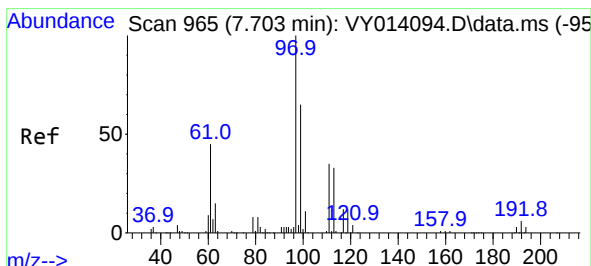
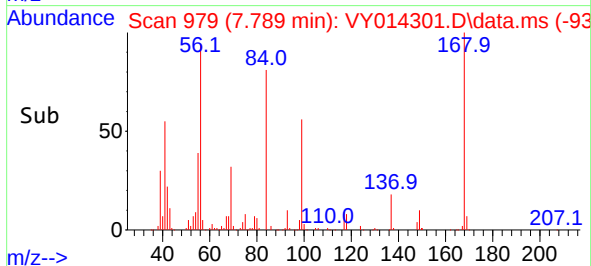
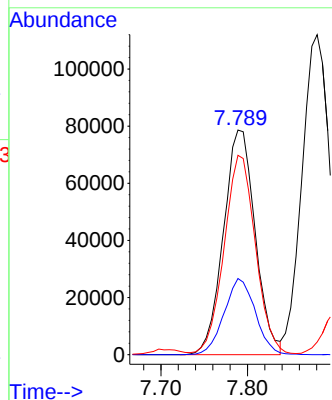
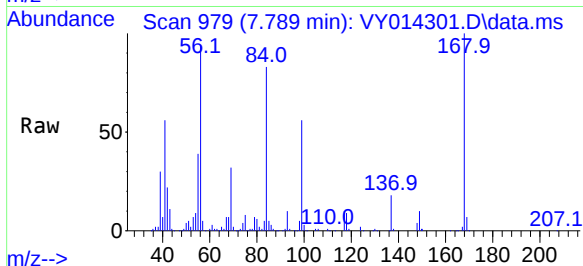




#31
Cyclohexane
Concen: 52.332 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

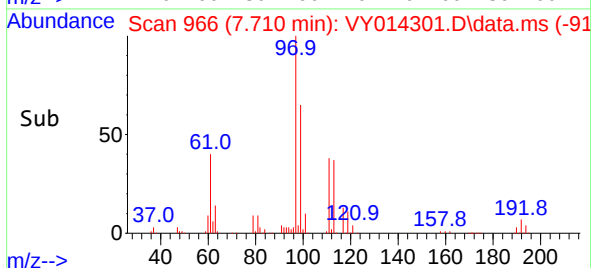
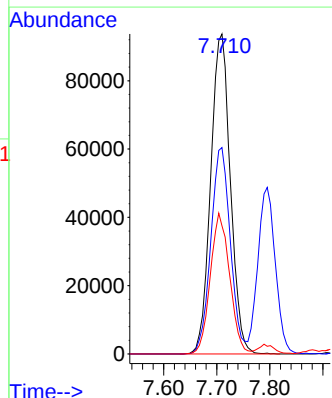
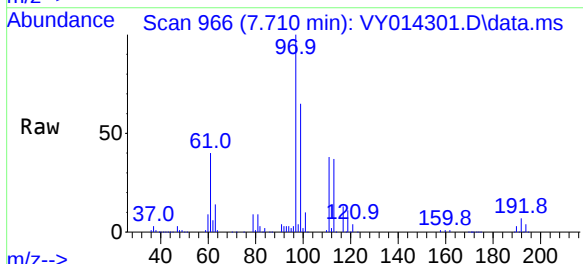
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

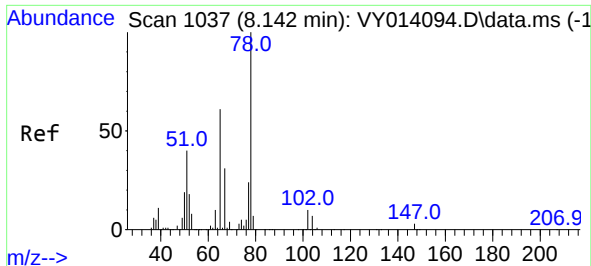
Tgt Ion: 56 Resp: 200566
Ion Ratio Lower Upper
56 100
69 33.9 27.8 41.6
84 87.3 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 53.714 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.007 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 97 Resp: 241256
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 43.4 35.1 52.7

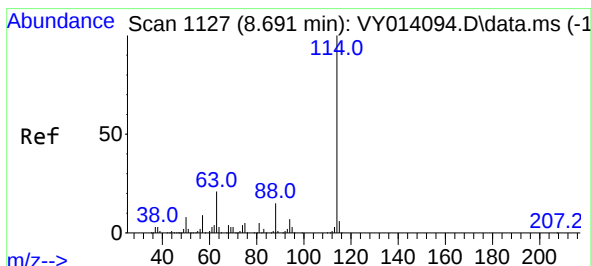
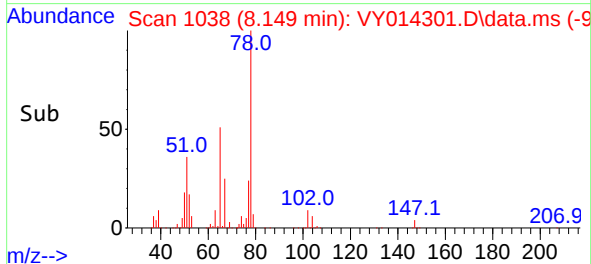
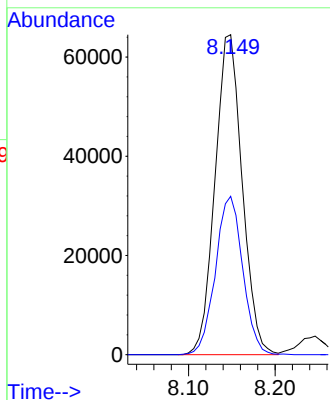
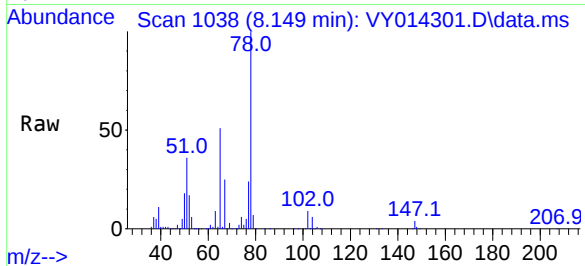




#33
1,2-Dichloroethane-d4
Concen: 49.172 ug/l
RT: 8.149 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

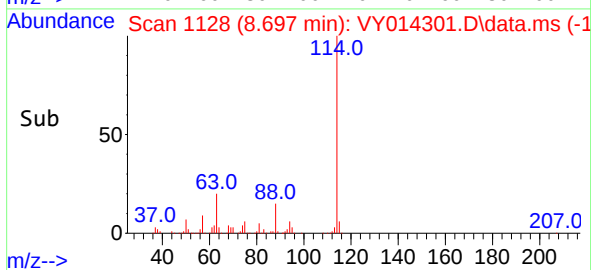
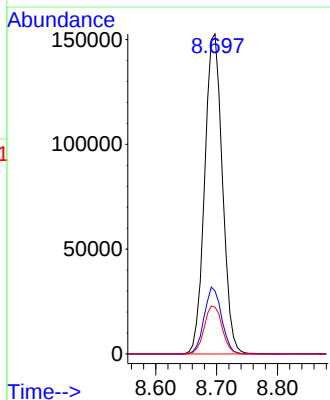
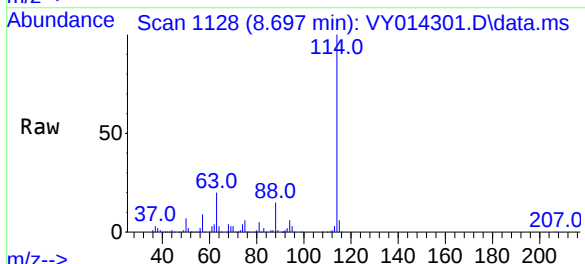
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

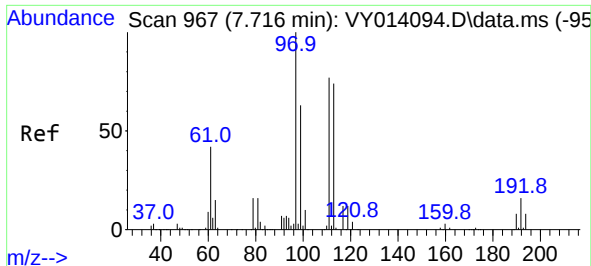
Tgt Ion: 65 Resp: 140679
Ion Ratio Lower Upper
65 100
67 49.7 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 114 Resp: 308062
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.4
88 14.6 0.0 30.6

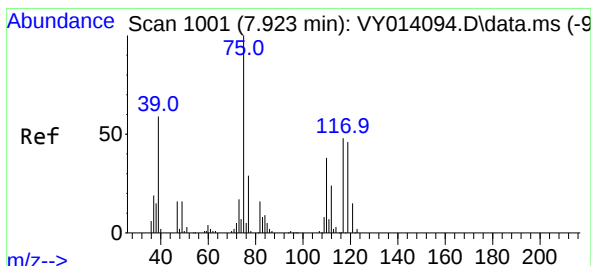
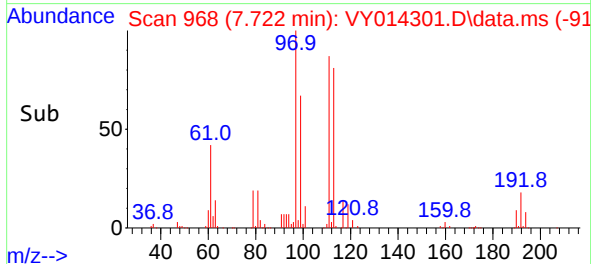
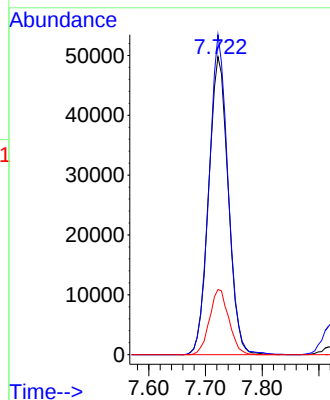
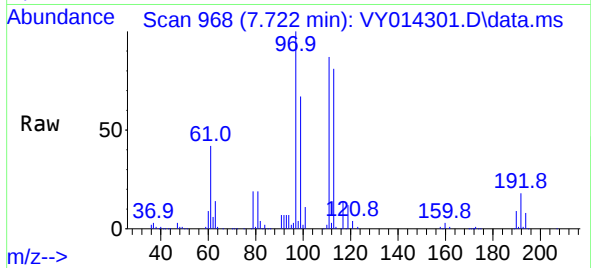




#35
Dibromofluoromethane
Concen: 54.589 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

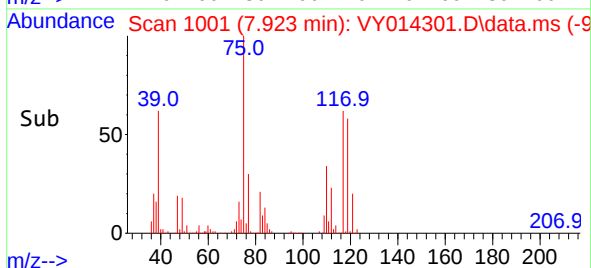
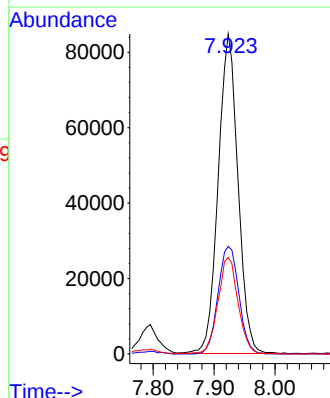
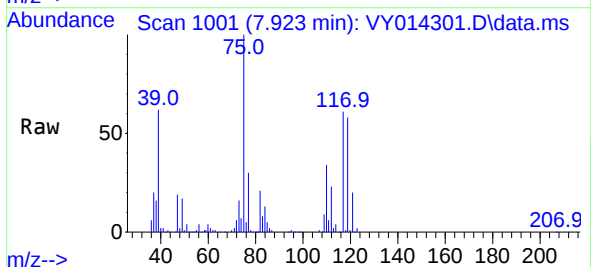
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

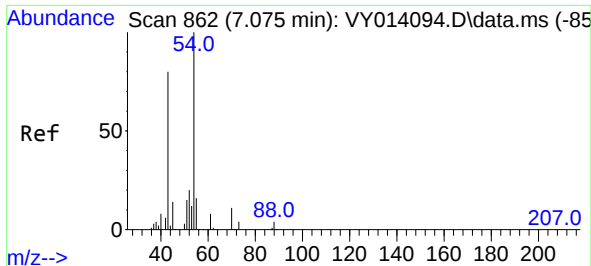
Tgt Ion:113 Resp: 119262
Ion Ratio Lower Upper
113 100
111 104.1 81.3 121.9
192 21.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 55.985 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 75 Resp: 190683
Ion Ratio Lower Upper
75 100
110 35.4 17.8 53.5
77 31.0 24.4 36.6

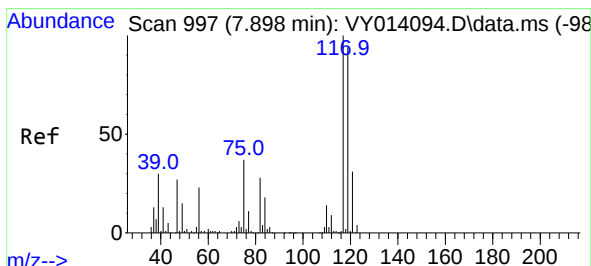
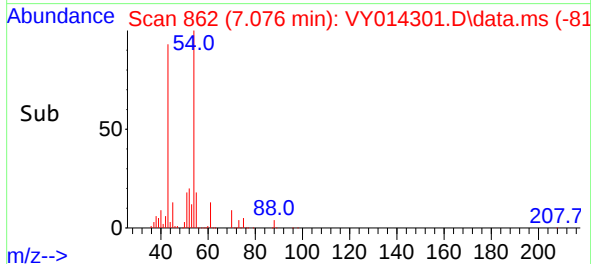
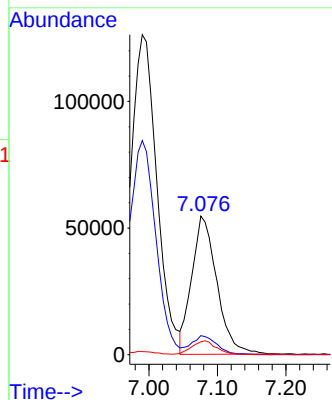
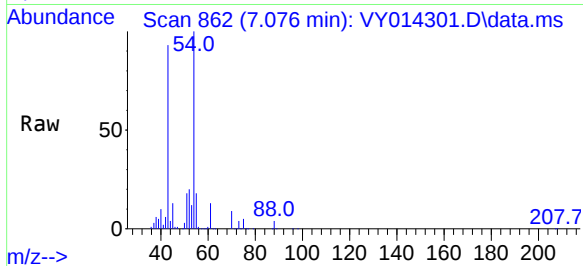




#37
Ethyl Acetate
Concen: 59.217 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.001 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

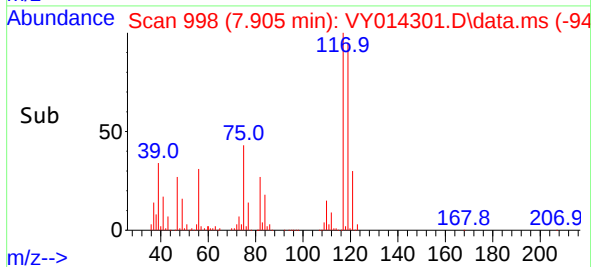
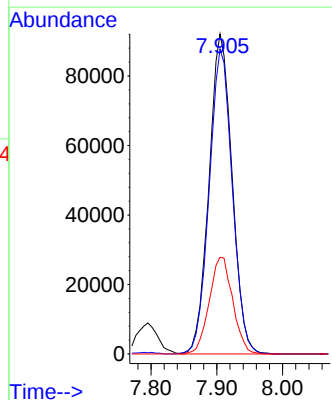
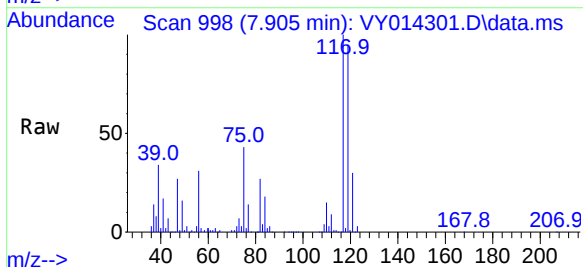
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

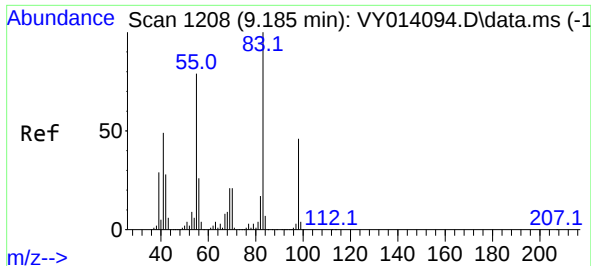
Tgt Ion: 43 Resp: 139165
Ion Ratio Lower Upper
43 100
61 13.5 10.1 15.1
70 9.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 57.246 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.007 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 117 Resp: 225004
Ion Ratio Lower Upper
117 100
119 95.3 76.4 114.6
121 30.2 25.8 38.6





#39

Methylcyclohexane

Concen: 57.369 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014301.D

Acq: 20 Jun 2023 22:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

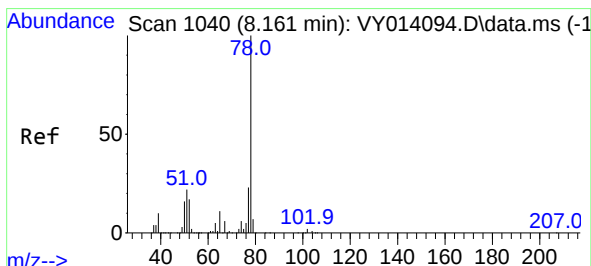
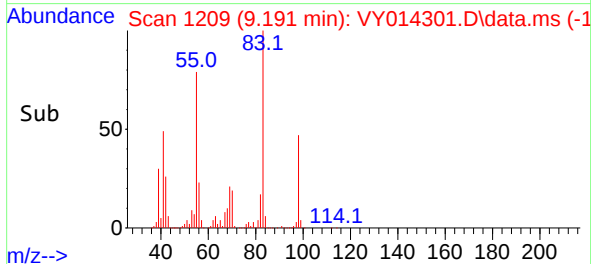
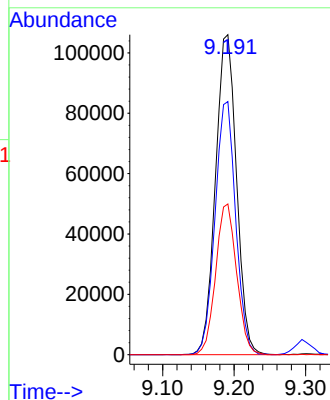
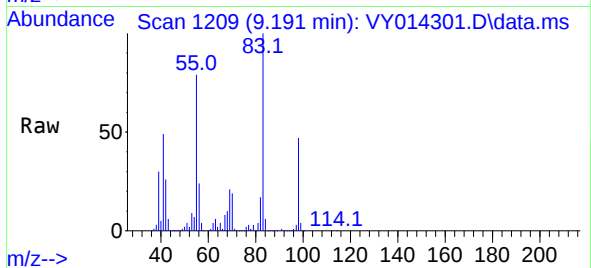
Tgt Ion: 83 Resp: 216795

Ion Ratio Lower Upper

83 100

55 79.1 63.0 94.4

98 47.1 37.4 56.2



#40

Benzene

Concen: 55.071 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY014301.D

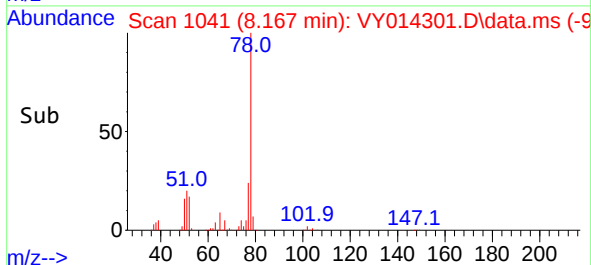
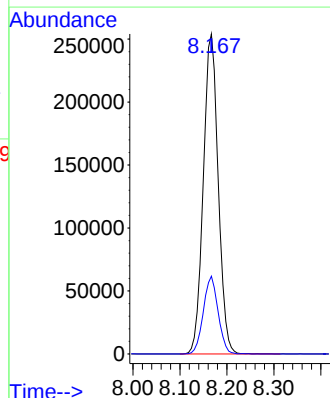
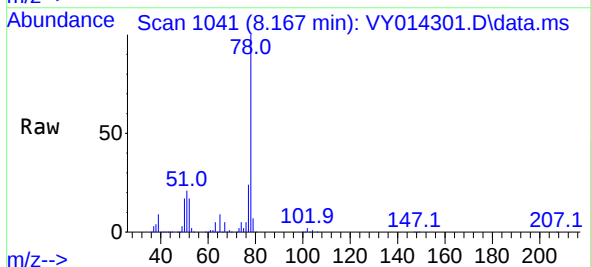
Acq: 20 Jun 2023 22:31

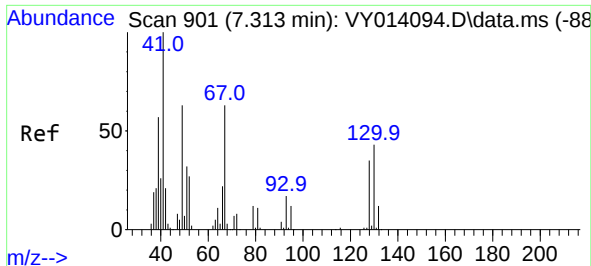
Tgt Ion: 78 Resp: 557759

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.6

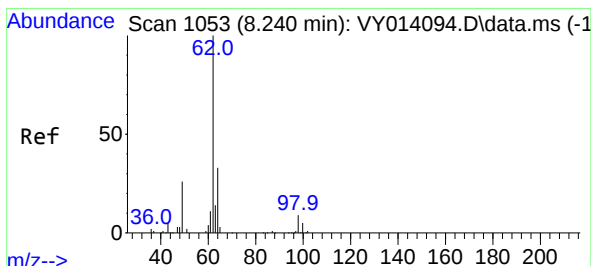
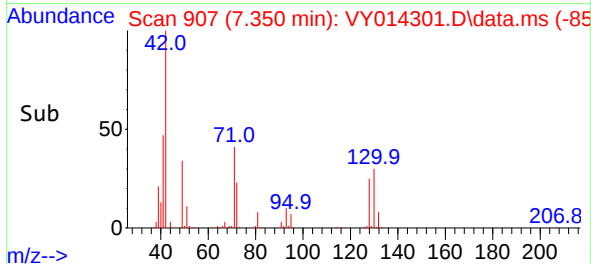
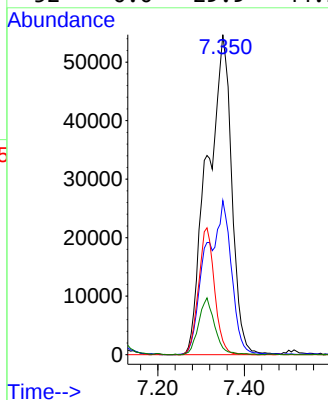
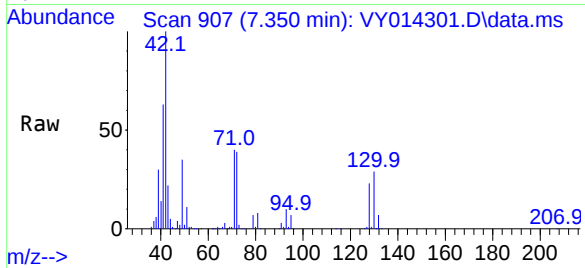




#41
Methacrylonitrile
Concen: 178.088 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

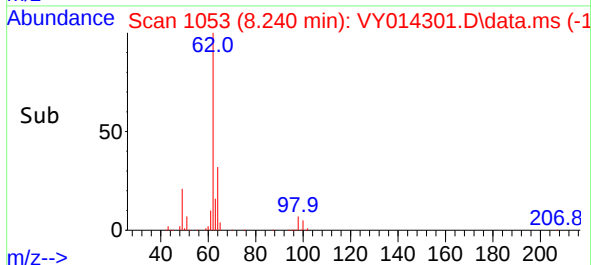
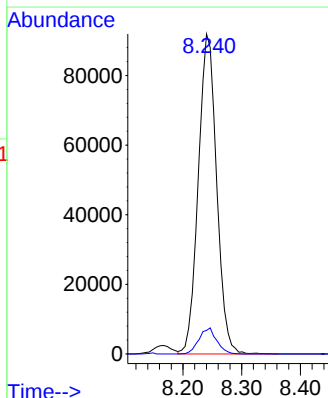
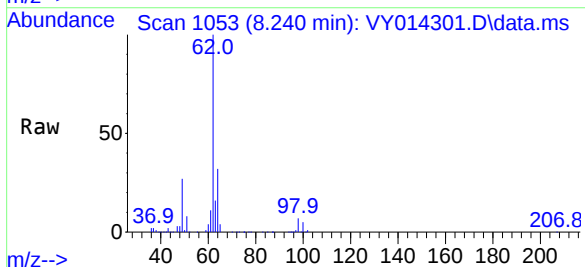
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

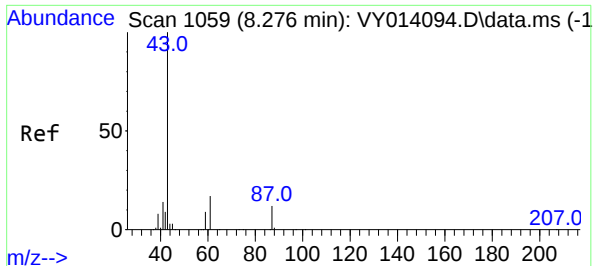
Tgt Ion: 41 Resp: 213593
Ion Ratio Lower Upper
41 100
39 27.3 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 55.645 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 62 Resp: 199294
Ion Ratio Lower Upper
62 100
98 7.9 0.0 15.8

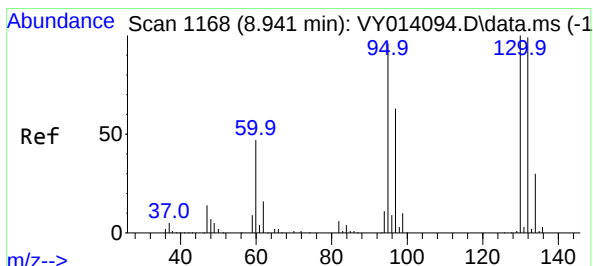
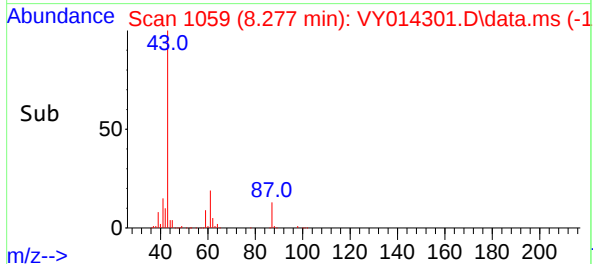
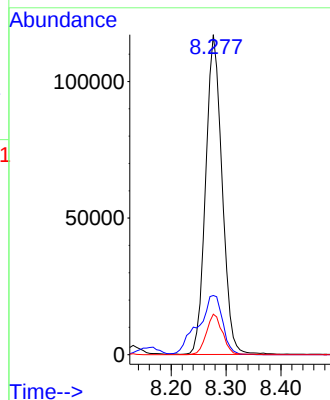
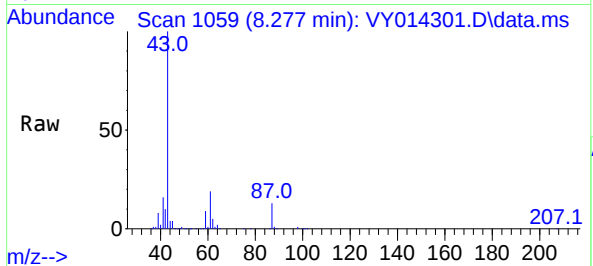




#43
Isopropyl Acetate
Concen: 58.942 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.001 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

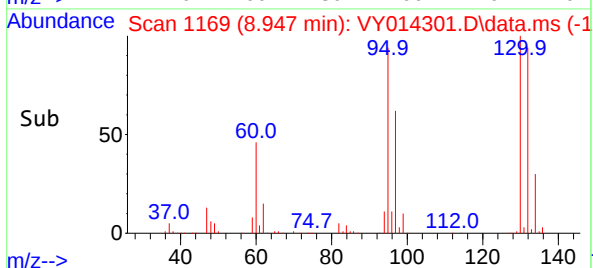
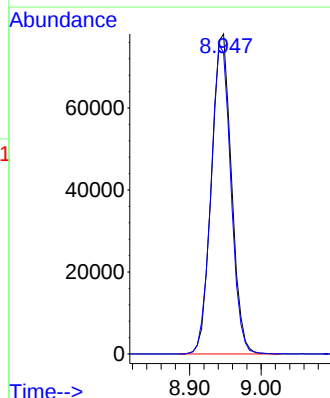
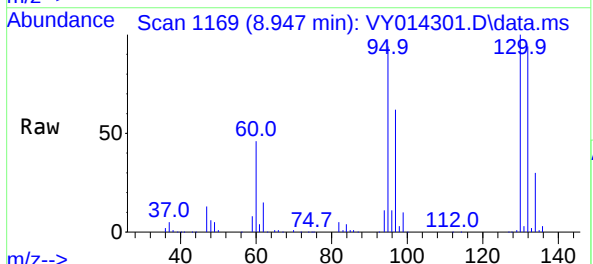
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

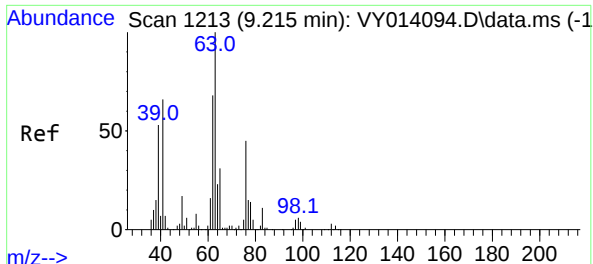
Tgt Ion: 43 Resp: 242778
Ion Ratio Lower Upper
43 100
61 27.7 21.1 31.7
87 12.5 9.8 14.8



#44
Trichloroethene
Concen: 55.954 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 130 Resp: 151410
Ion Ratio Lower Upper
130 100
95 94.2 0.0 196.0

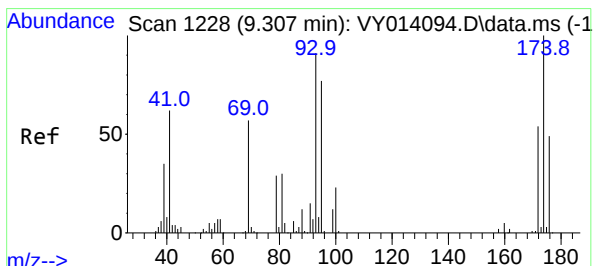
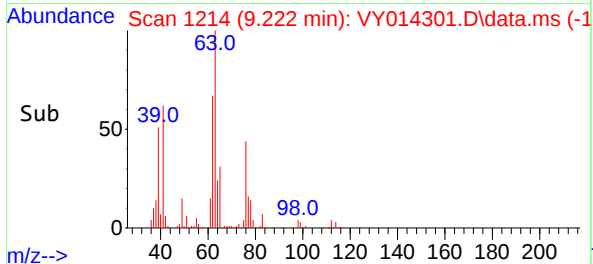
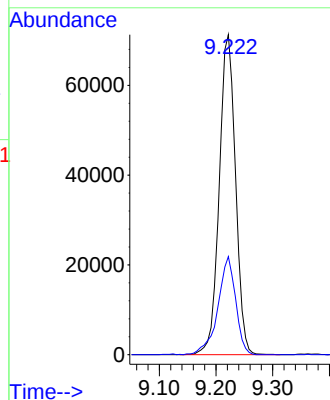
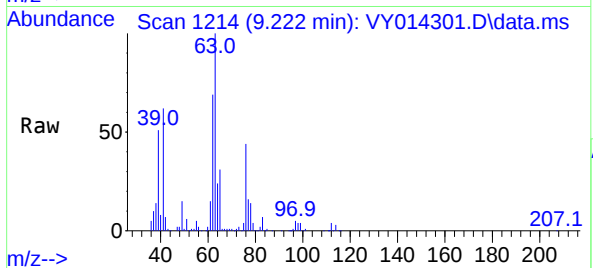




#45
1,2-Dichloropropane
Concen: 55.147 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. 0.007 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

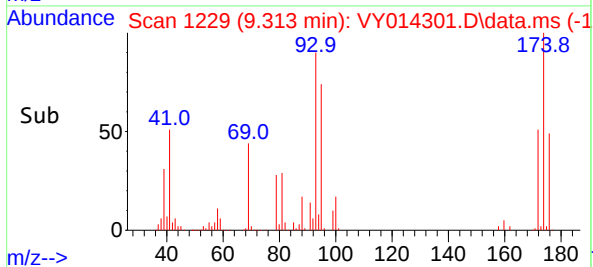
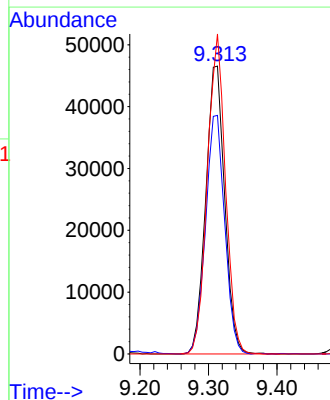
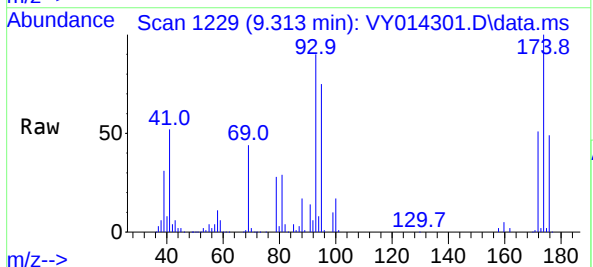
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

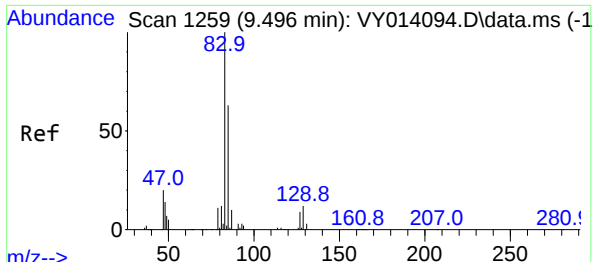
Tgt Ion: 63 Resp: 141866
Ion Ratio Lower Upper
63 100
65 30.7 23.8 35.6



#46
Dibromomethane
Concen: 56.694 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 93 Resp: 89777
Ion Ratio Lower Upper
93 100
95 83.5 66.6 100.0
174 106.1 84.8 127.2

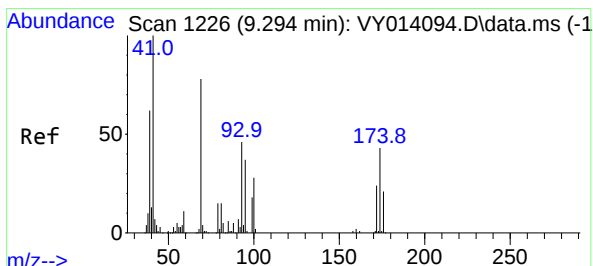
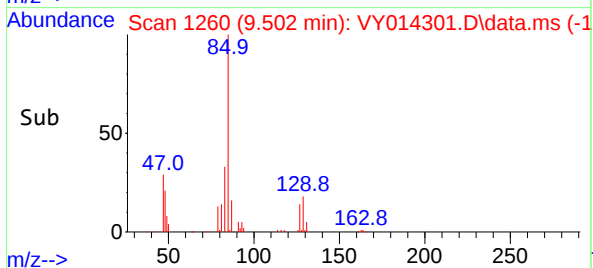
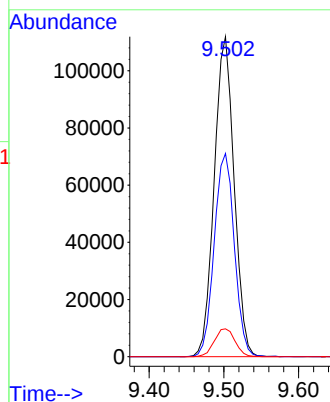
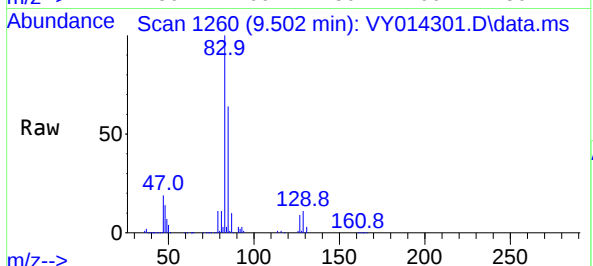




#47
Bromodichloromethane
Concen: 55.849 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

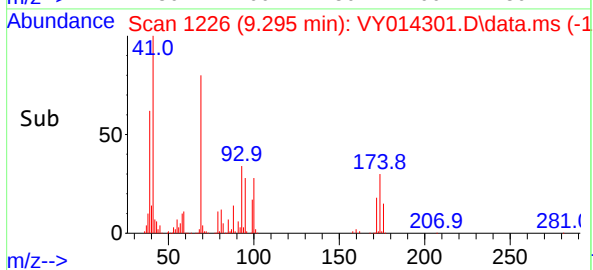
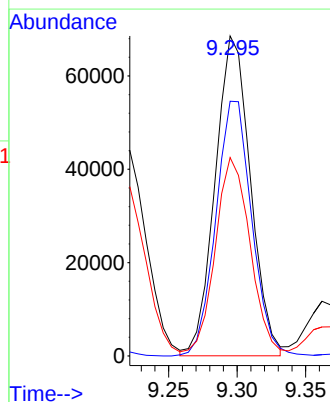
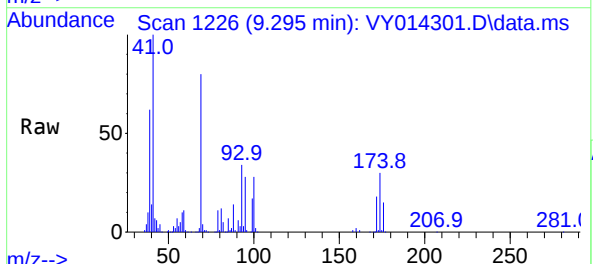
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

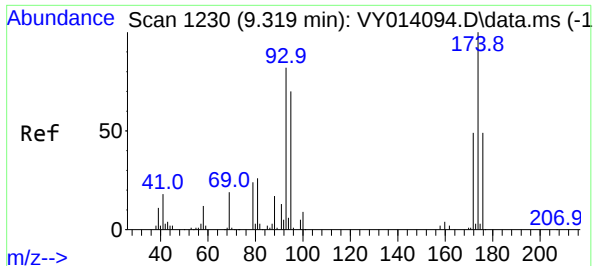
Tgt Ion: 83 Resp: 207072
Ion Ratio Lower Upper
83 100
85 63.5 50.1 75.1
127 8.7 7.1 10.7



#48
Methyl methacrylate
Concen: 63.901 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 41 Resp: 122762
Ion Ratio Lower Upper
41 100
69 81.1 64.5 96.7
39 59.2 50.8 76.2

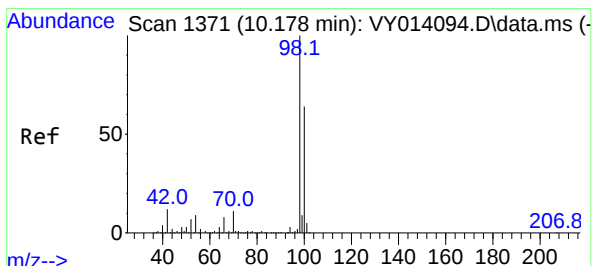
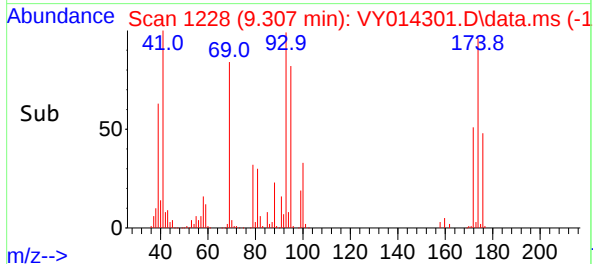
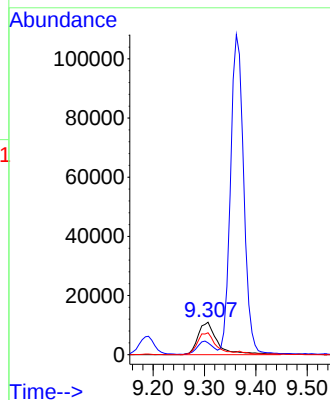
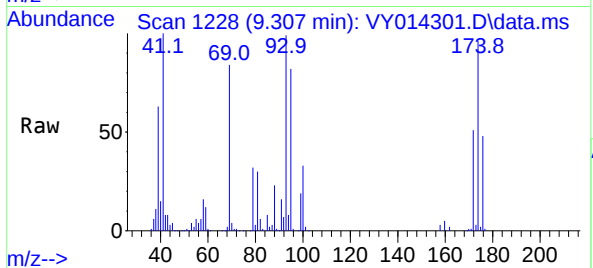




#49
1,4-Dioxane
Concen: 1445.343 ug/l
RT: 9.307 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

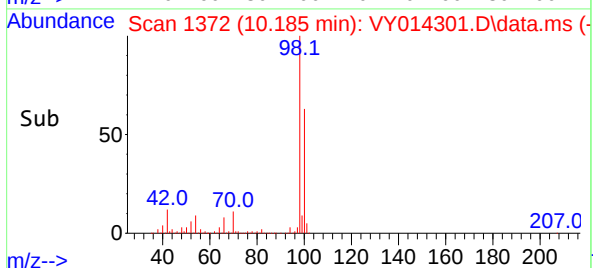
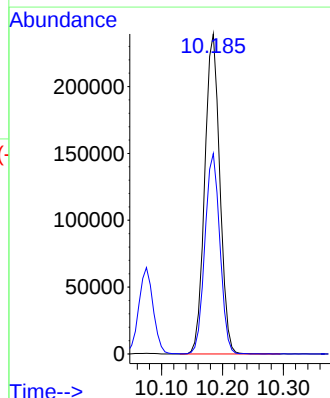
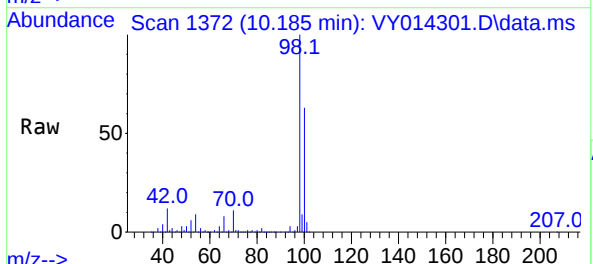
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

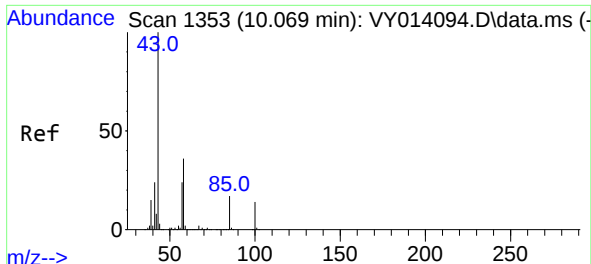
Tgt Ion: 88 Resp: 29082
Ion Ratio Lower Upper
88 100
43 32.1 0.0 0.0#
58 62.8 30.9 46.3#



#50
Toluene-d8
Concen: 50.334 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 98 Resp: 411117
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1

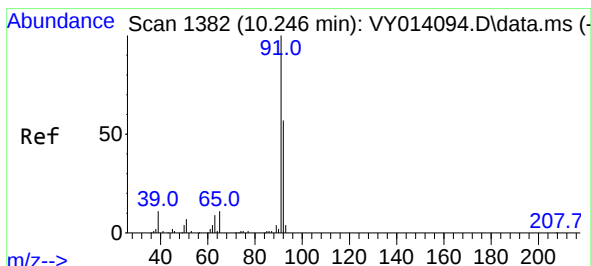
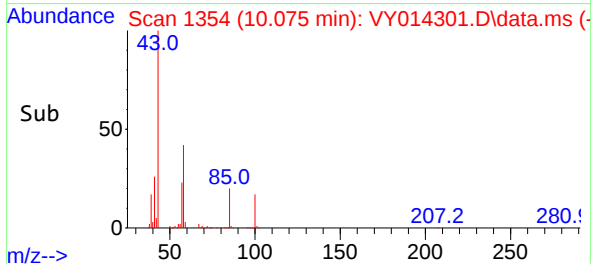
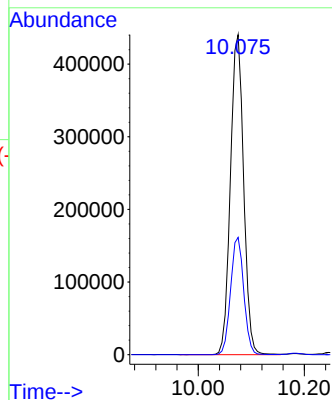
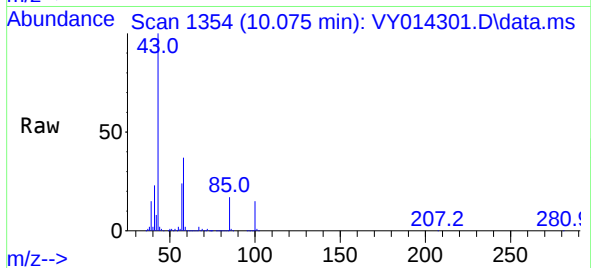




#51
4-Methyl-2-Pentanone
Concen: 340.358 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

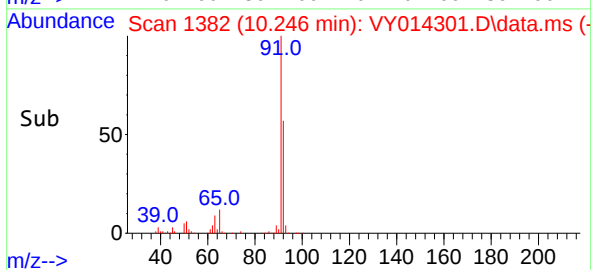
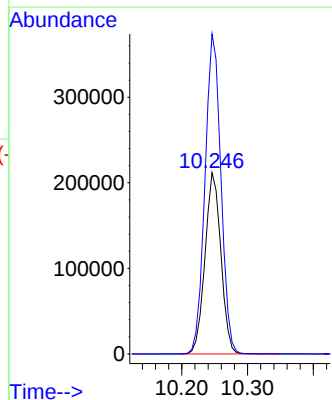
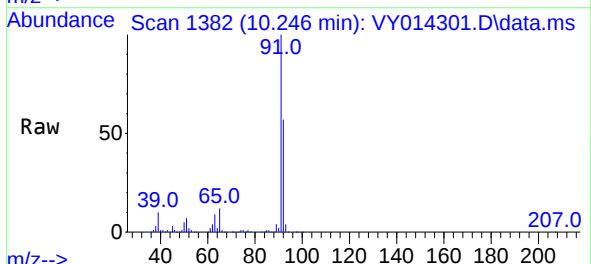
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

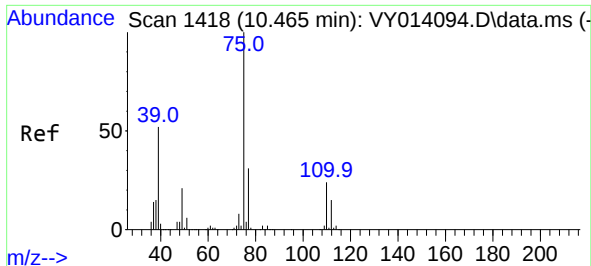
Tgt Ion: 43 Resp: 761644
Ion Ratio Lower Upper
43 100
58 36.5 29.0 43.6



#52
Toluene
Concen: 56.579 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 92 Resp: 355225
Ion Ratio Lower Upper
92 100
91 177.1 143.8 215.6

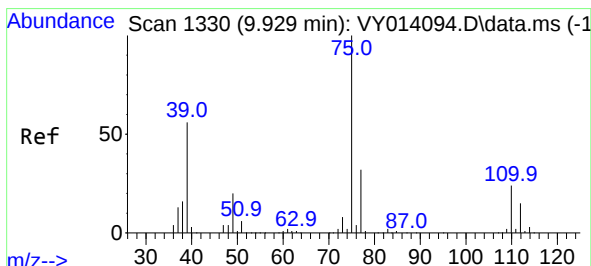
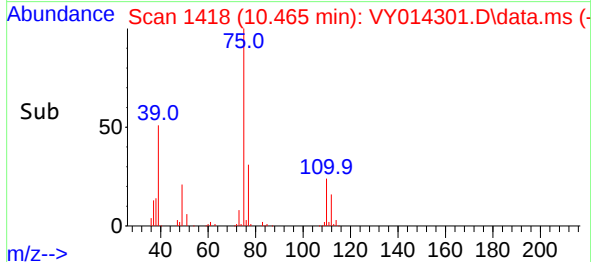
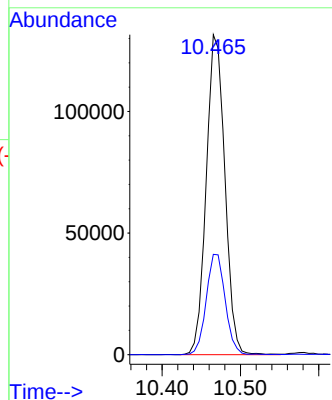
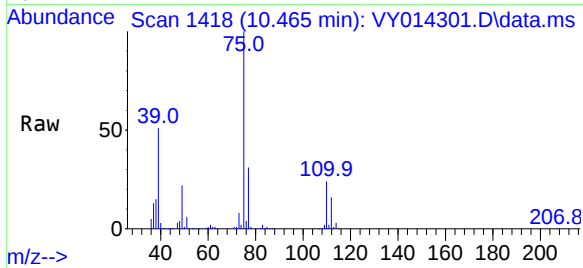




#53
 t-1,3-Dichloropropene
 Concen: 55.621 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY014301.D
 Acq: 20 Jun 2023 22:31

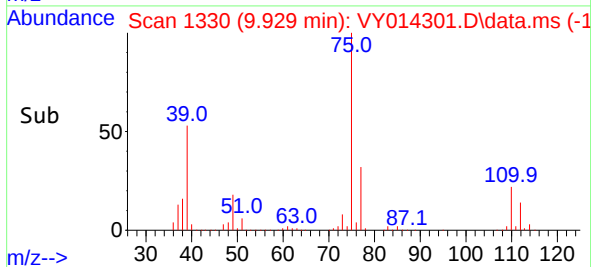
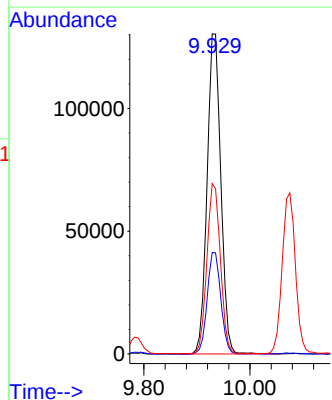
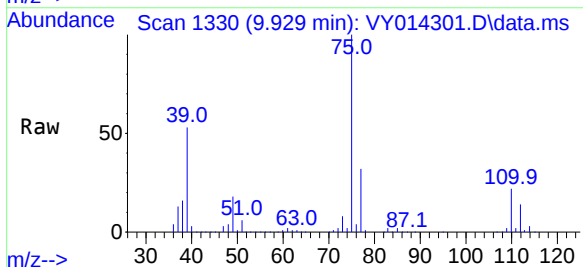
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

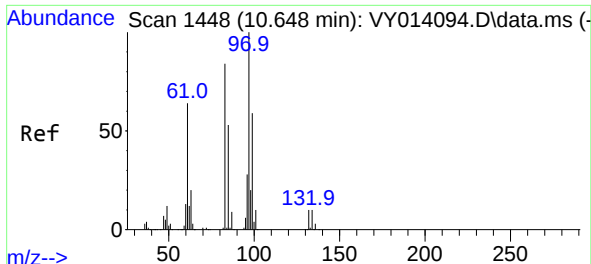
Tgt Ion: 75 Resp: 217101
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 54.888 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY014301.D
 Acq: 20 Jun 2023 22:31

Tgt Ion: 75 Resp: 233746
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.2 36.4
 39 53.1 42.2 63.4



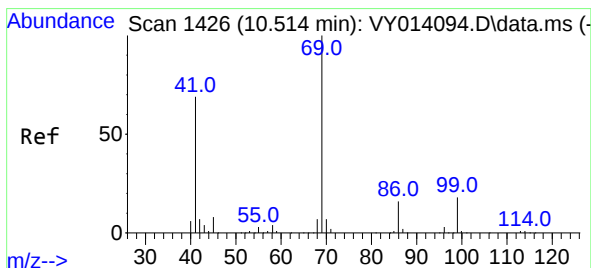
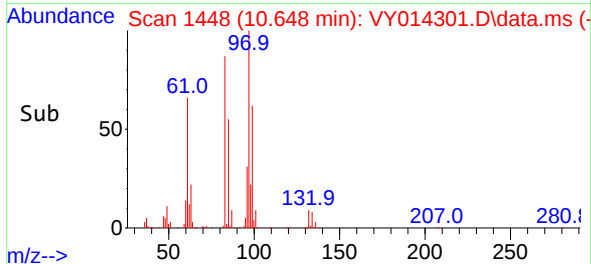
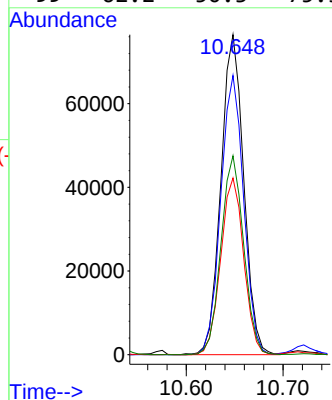
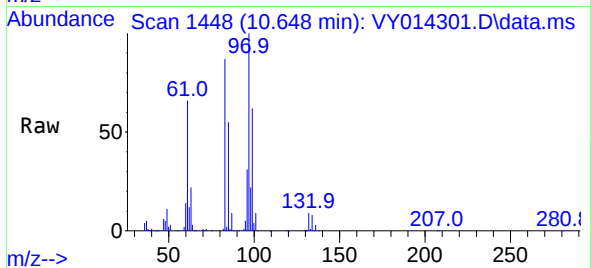


#55
1,1,2-Trichloroethane
Concen: 59.480 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 124929

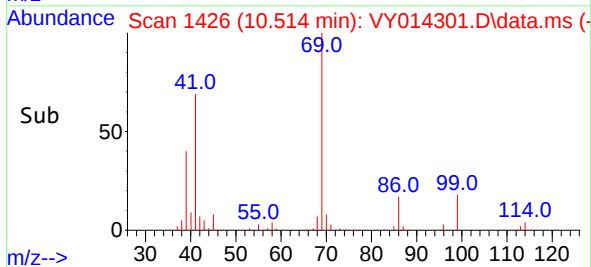
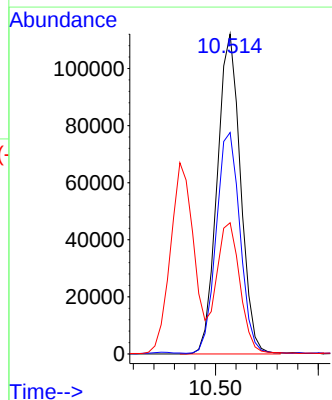
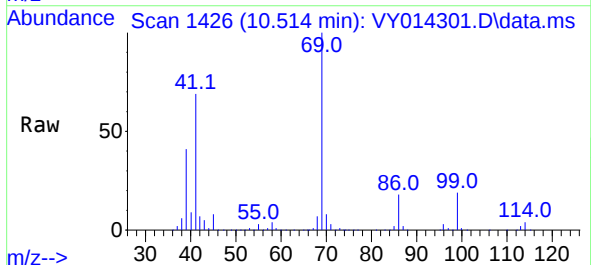
Ion	Ratio	Lower	Upper
97	100		
83	87.2	72.0	108.0
85	55.2	45.4	68.0
99	62.2	50.3	75.5

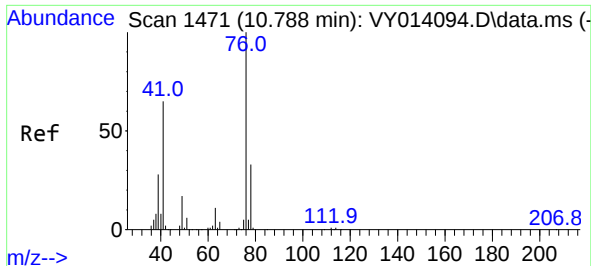


#56
Ethyl methacrylate
Concen: 60.846 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 69 Resp: 176274

Ion	Ratio	Lower	Upper
69	100		
41	70.4	57.6	86.4
39	41.2	34.1	51.1





#57

1,3-Dichloropropane

Concen: 58.060 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.007 min

Lab File: VY014301.D

Acq: 20 Jun 2023 22:31

Instrument :

MSVOA_Y

ClientSampleId :

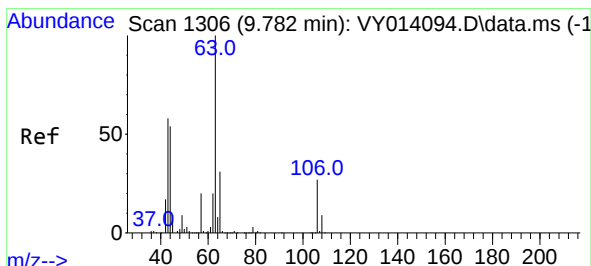
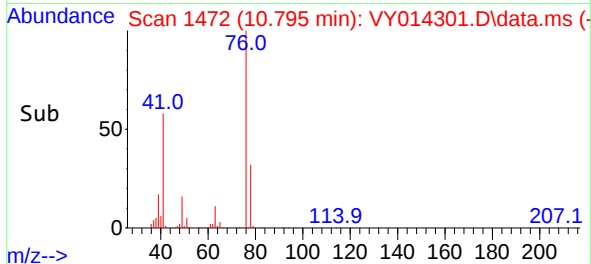
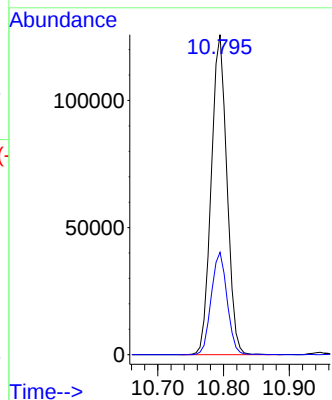
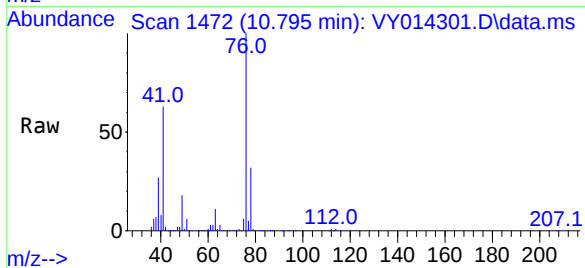
VSTDCCC050

Tgt Ion: 76 Resp: 208566

Ion Ratio Lower Upper

76 100

78 32.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 327.126 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.007 min

Lab File: VY014301.D

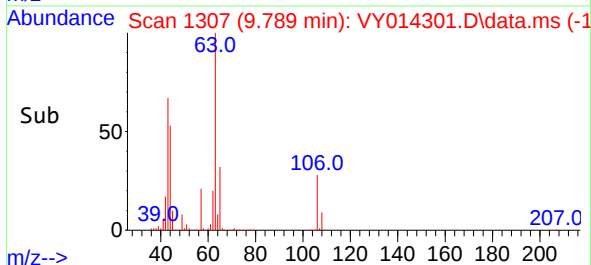
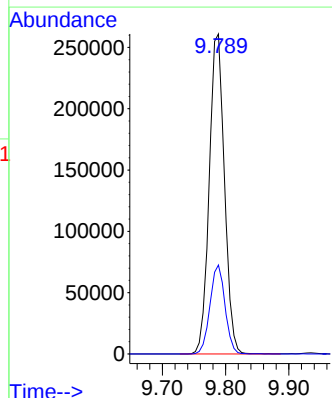
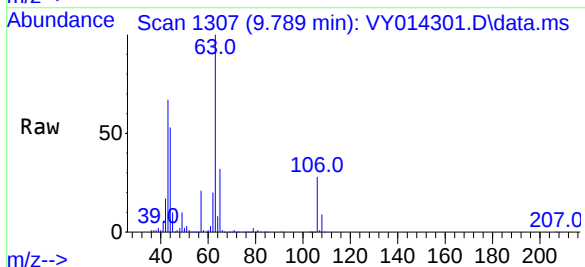
Acq: 20 Jun 2023 22:31

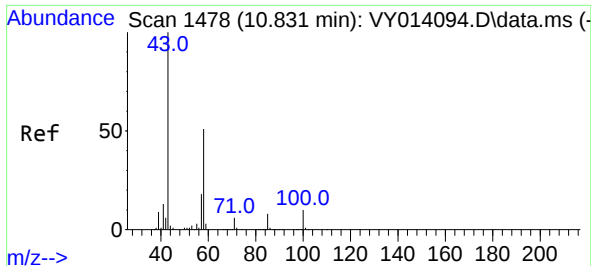
Tgt Ion: 63 Resp: 436379

Ion Ratio Lower Upper

63 100

106 27.4 21.2 31.8

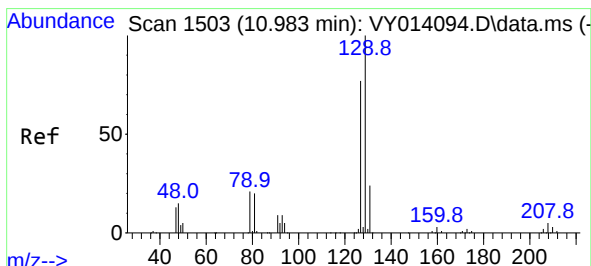
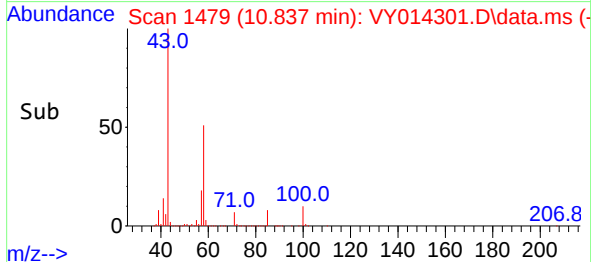
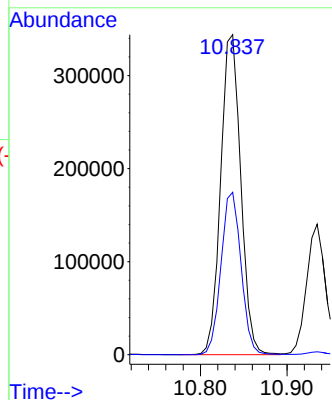
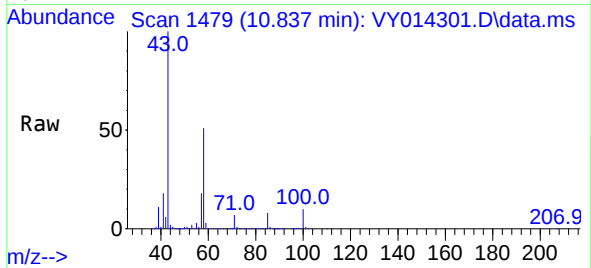




#59
2-Hexanone
Concen: 343.430 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

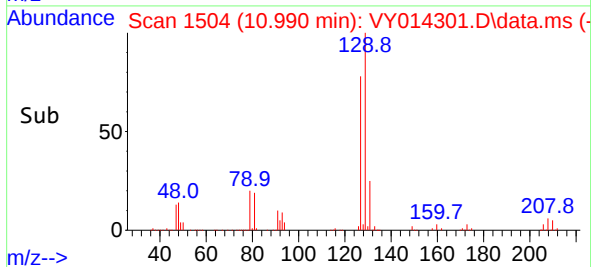
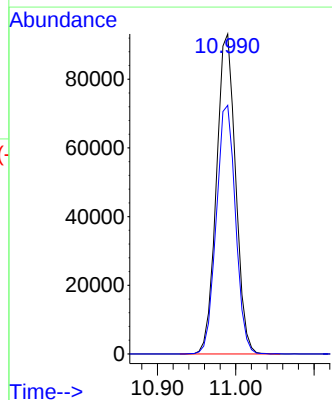
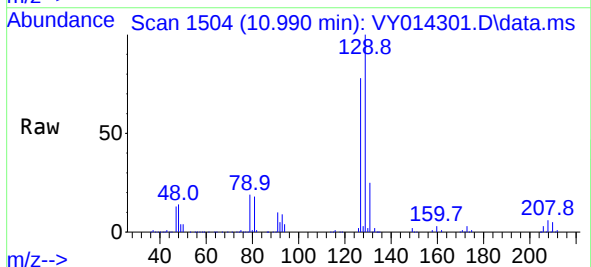
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 555068
Ion Ratio Lower Upper
43 100
58 50.6 25.1 75.3



#60
Dibromochloromethane
Concen: 58.928 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 129 Resp: 158412
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5

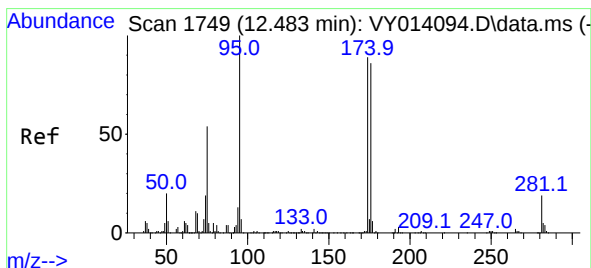
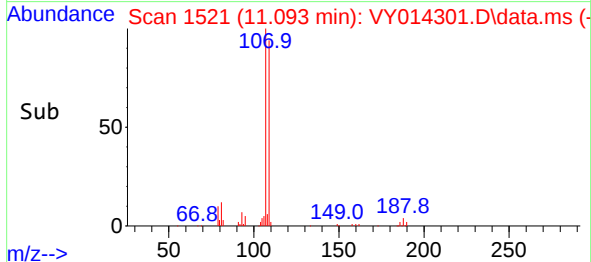
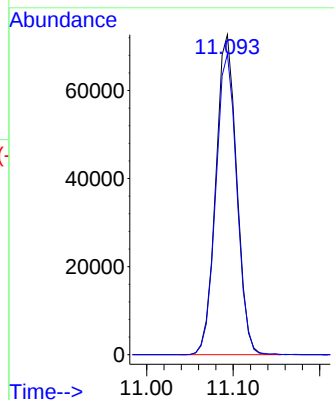
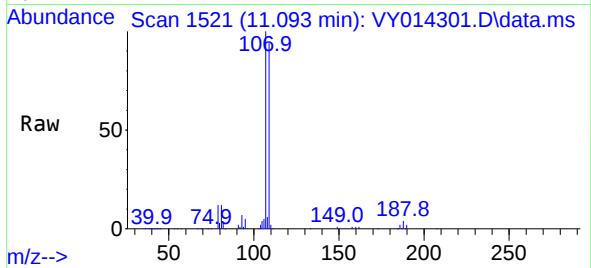




#61
1,2-Dibromoethane
Concen: 58.714 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

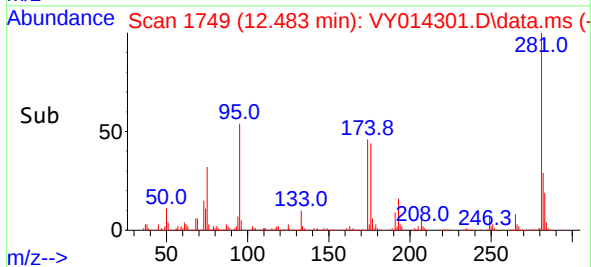
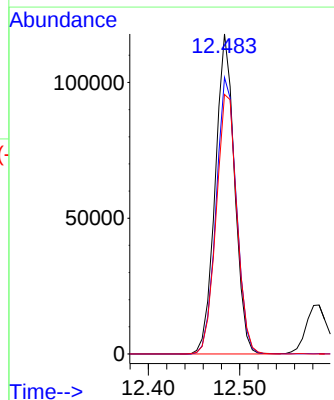
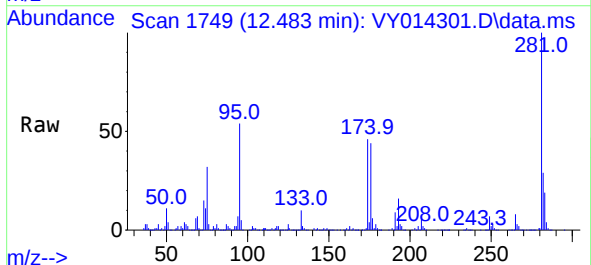
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

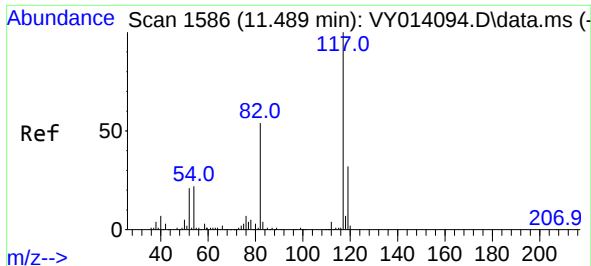
Tgt Ion:107 Resp: 121708
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 59.635 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 95 Resp: 173026
Ion Ratio Lower Upper
95 100
174 90.1 0.0 178.2
176 86.7 0.0 173.8

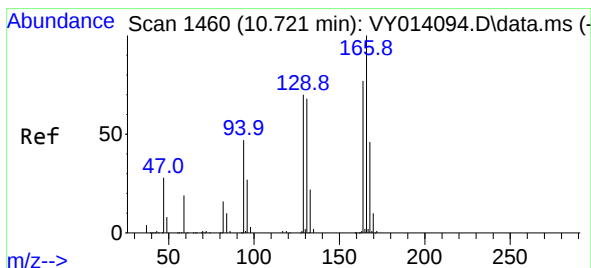
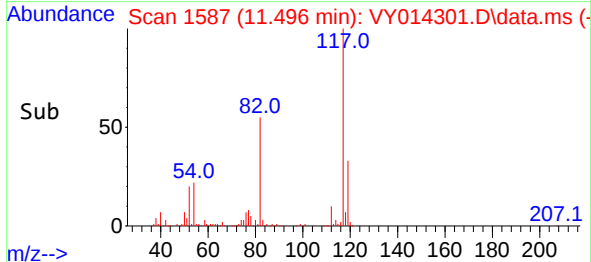
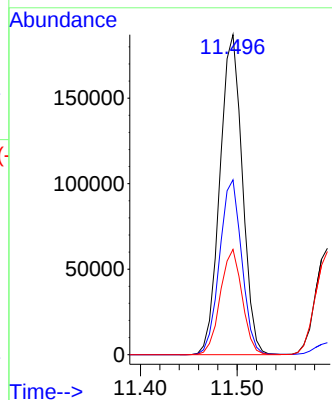
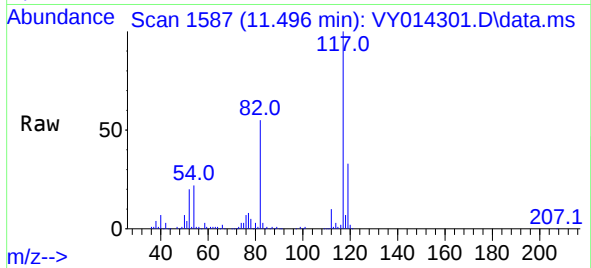




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

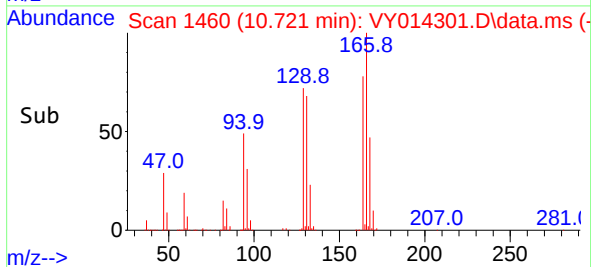
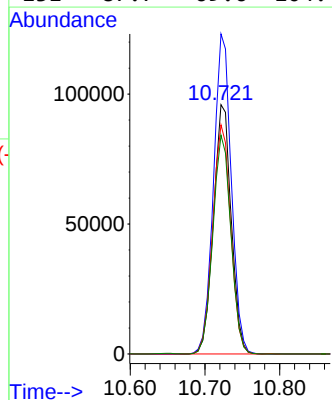
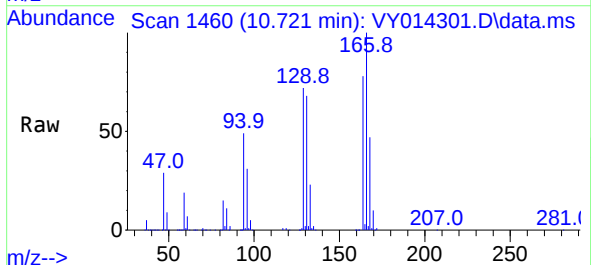
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

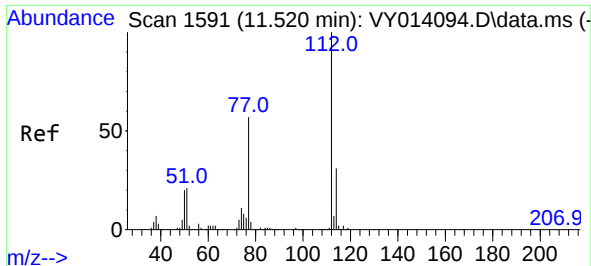
Tgt Ion:117 Resp: 301095
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 32.9 26.3 39.5



#64
Tetrachloroethene
Concen: 62.065 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion:164 Resp: 159285
Ion Ratio Lower Upper
164 100
166 128.3 103.0 154.6
129 91.9 77.2 115.8
131 87.7 69.6 104.4

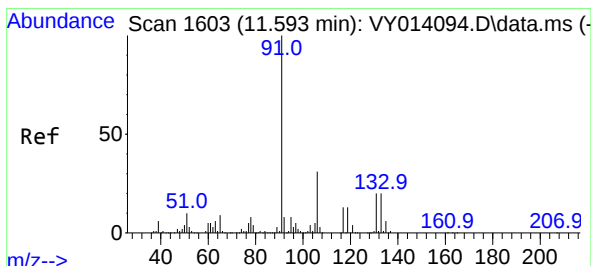
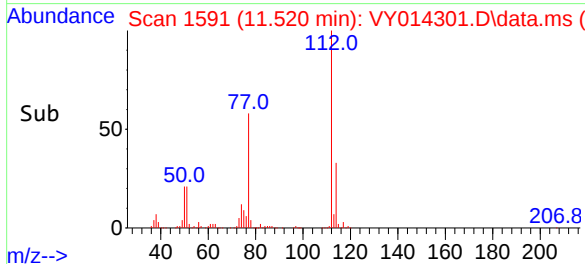
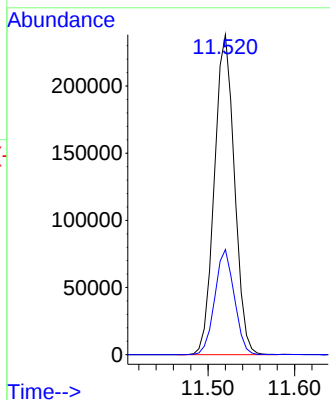
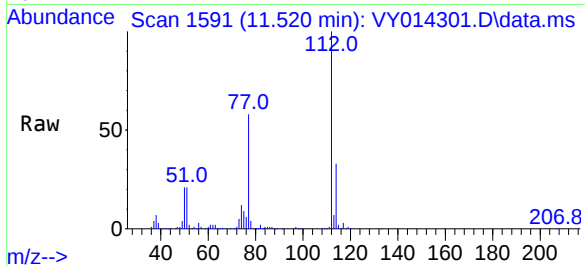




#65
Chlorobenzene
Concen: 52.933 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

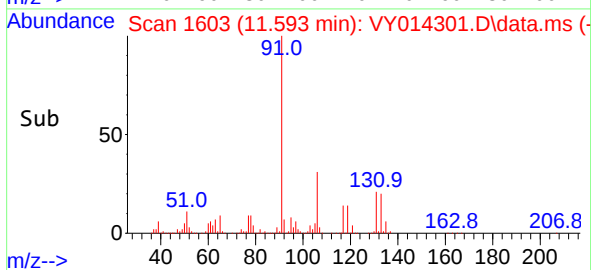
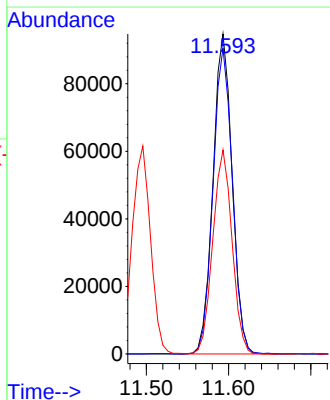
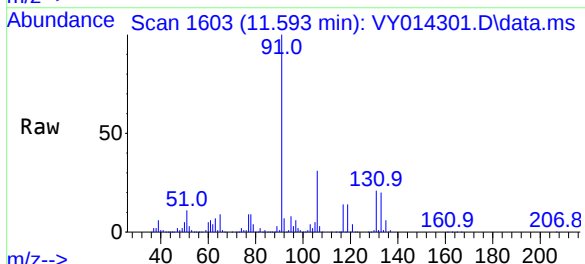
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

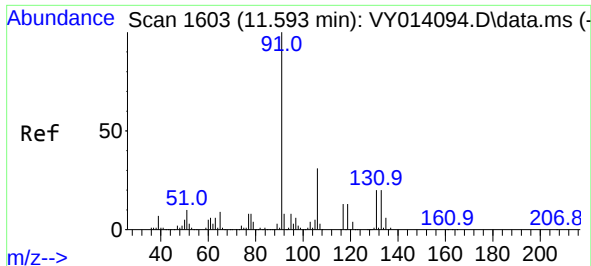
Tgt Ion:112 Resp: 382959
Ion Ratio Lower Upper
112 100
114 32.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 53.804 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion:131 Resp: 153106
Ion Ratio Lower Upper
131 100
133 96.6 47.5 142.6
119 64.3 31.6 94.7

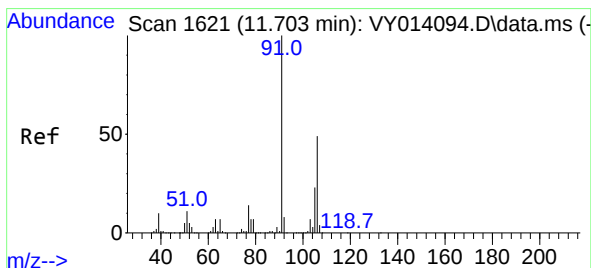
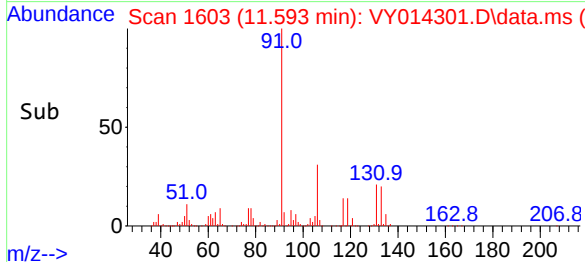
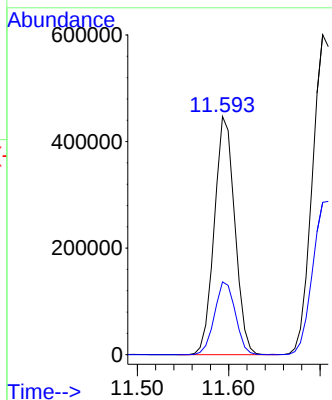
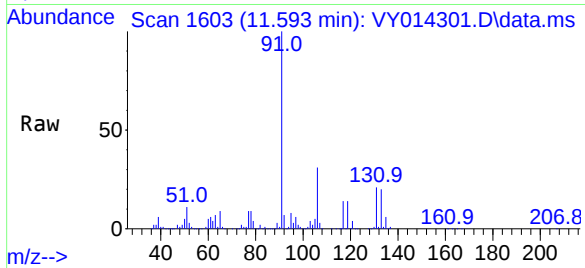




#67
Ethyl Benzene
Concen: 55.053 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

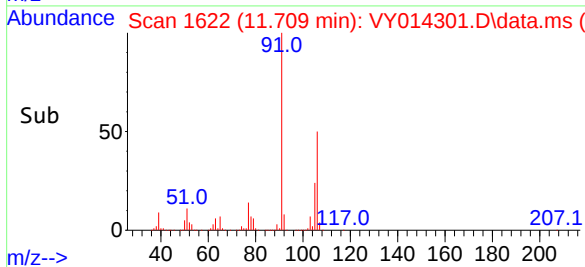
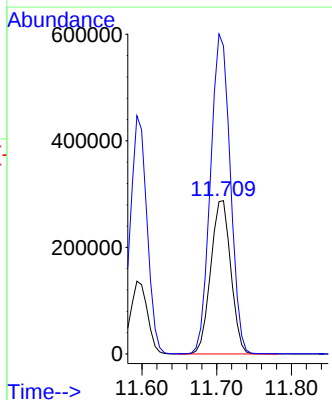
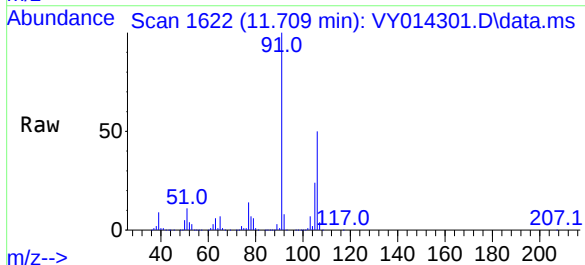
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

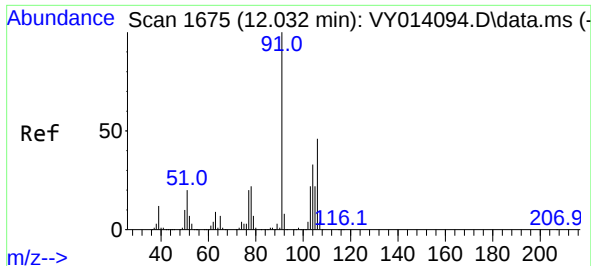
Tgt Ion: 91 Resp: 697176
Ion Ratio Lower Upper
91 100
106 30.5 24.6 36.8



#68
m/p-Xylenes
Concen: 110.160 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion:106 Resp: 536590
Ion Ratio Lower Upper
106 100
91 206.0 166.1 249.1

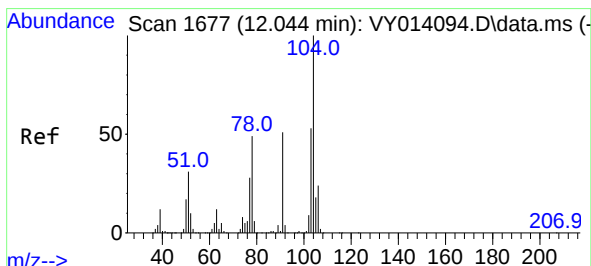
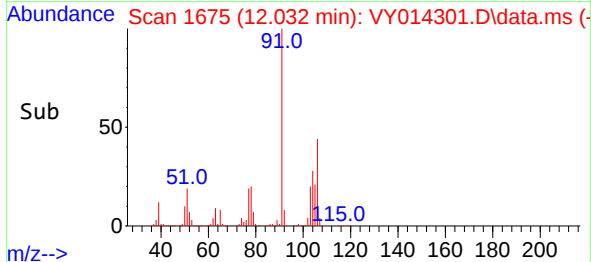
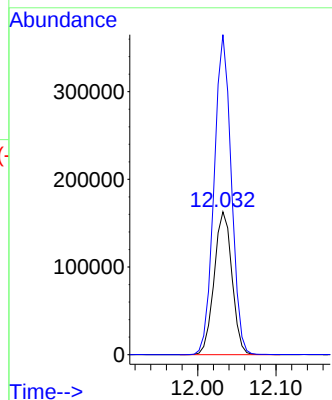
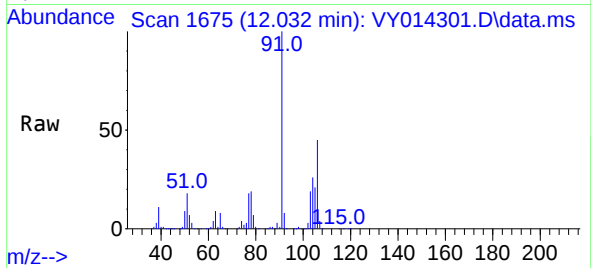




#69
o-Xylene
Concen: 55.857 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

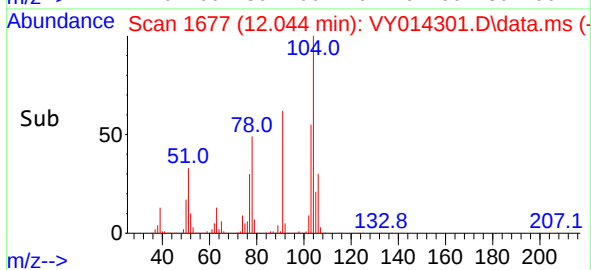
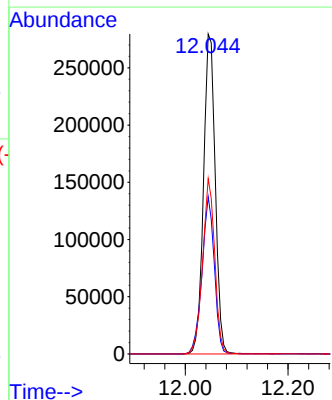
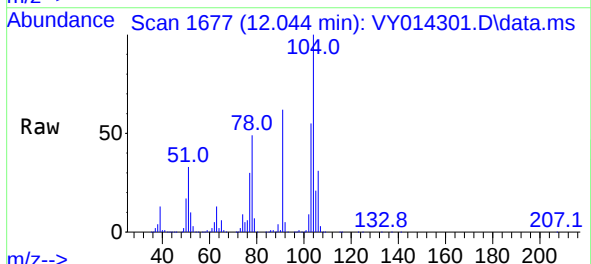
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

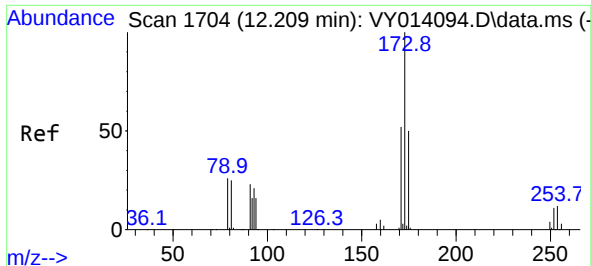
Tgt Ion:106 Resp: 257237
Ion Ratio Lower Upper
106 100
91 217.0 108.1 324.3



#70
Styrene
Concen: 56.488 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion:104 Resp: 443989
Ion Ratio Lower Upper
104 100
78 51.5 41.5 62.3
103 56.6 44.6 67.0

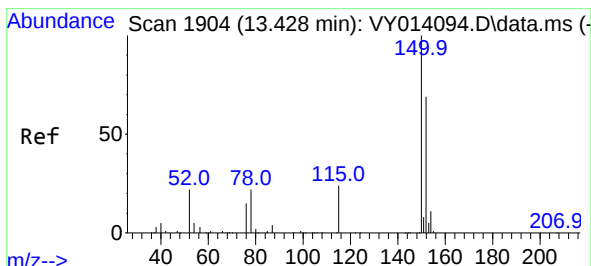
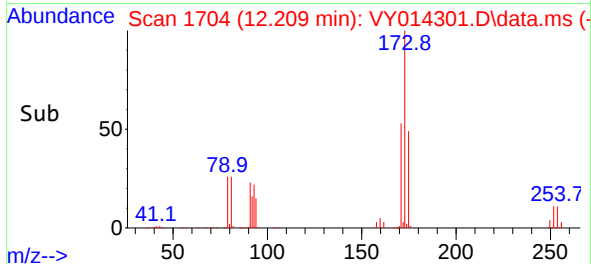
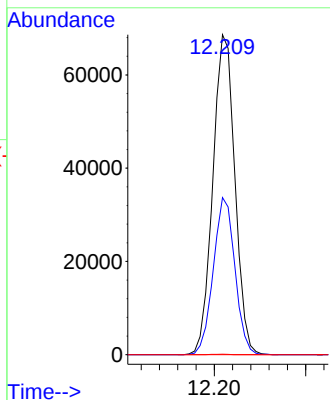
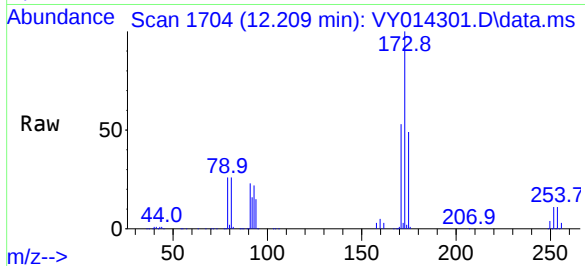




#71
Bromoform
Concen: 58.990 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

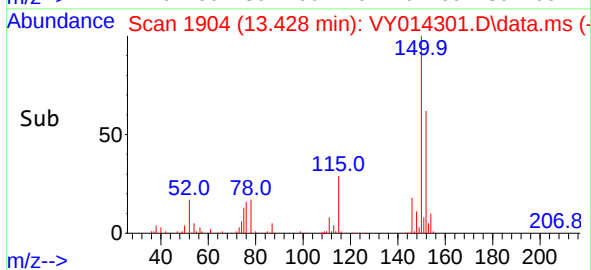
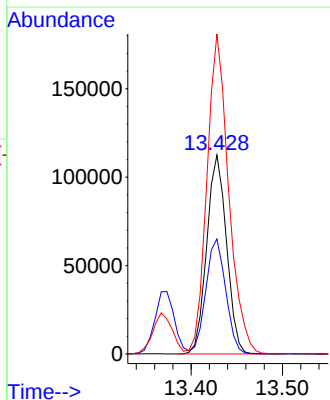
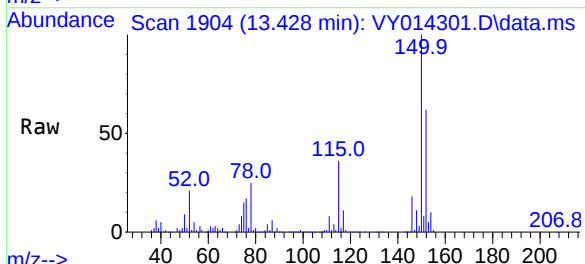
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

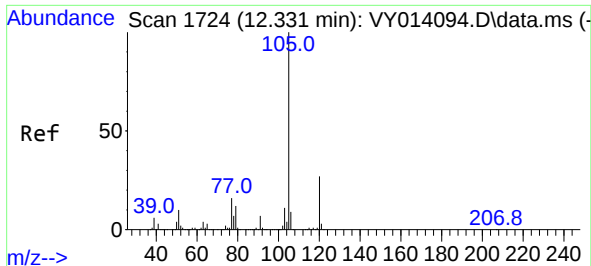
Tgt Ion:173 Resp: 114962
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion:152 Resp: 169198
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 176.2 0.0 348.8

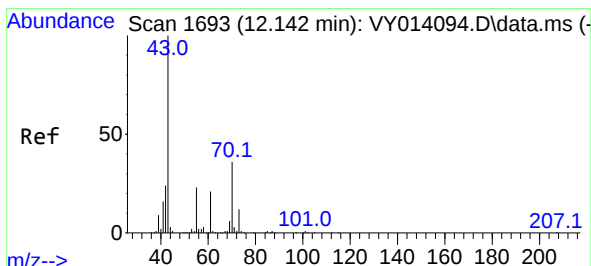
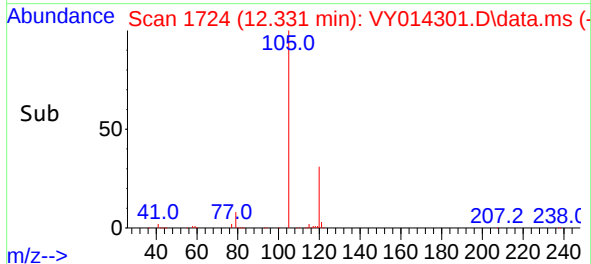
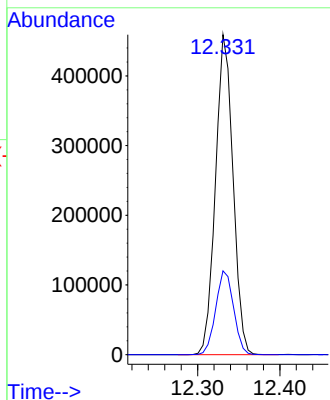
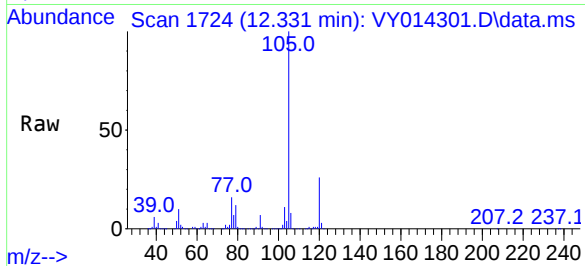




#73
Isopropylbenzene
Concen: 52.725 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

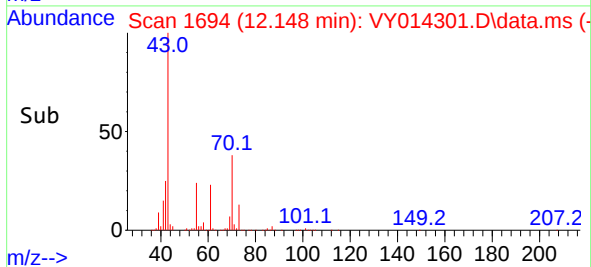
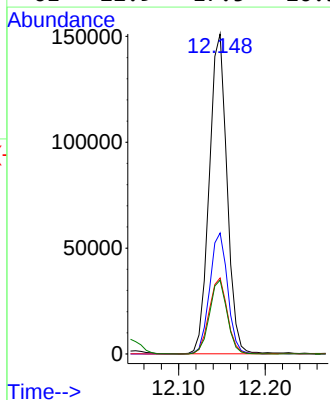
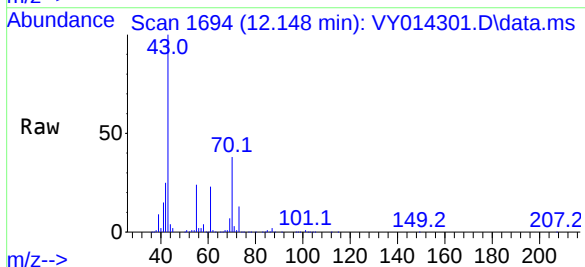
Instrument :
MSVOA_Y
ClientSampleId :
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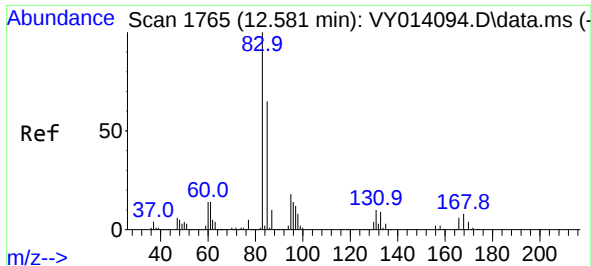
Tgt Ion:105 Resp: 680553
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



#74
N-ethyl acetate
Concen: 52.563 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 43 Resp: 214999
Ion Ratio Lower Upper
43 100
70 38.3 29.7 44.5
55 24.4 18.3 27.5
61 22.9 17.5 26.3

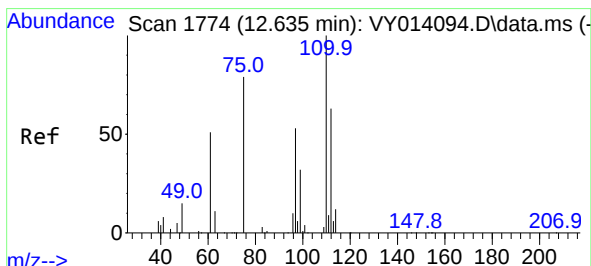
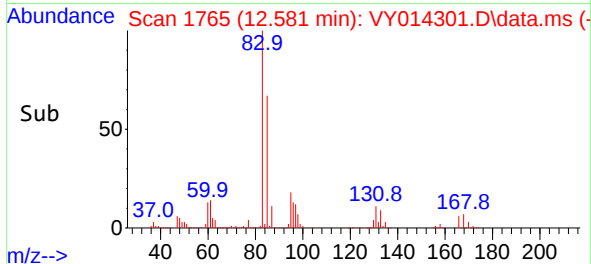
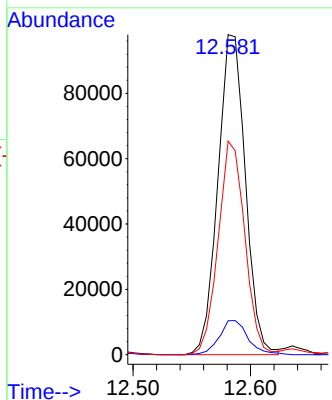
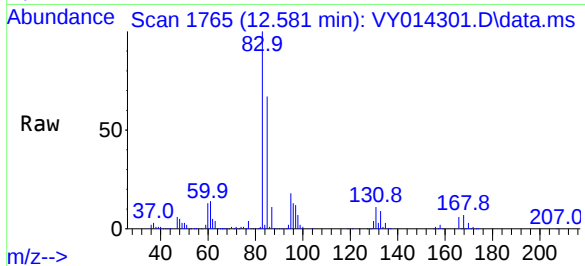




#75
1,1,2,2-Tetrachloroethane
Concen: 55.356 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

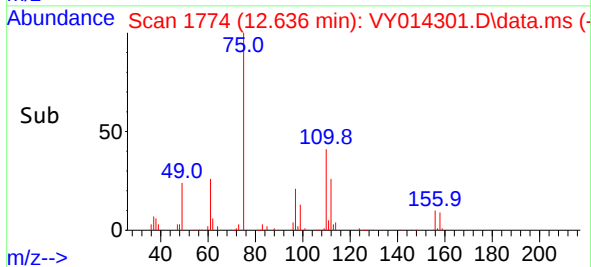
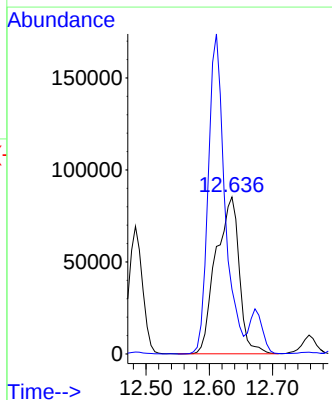
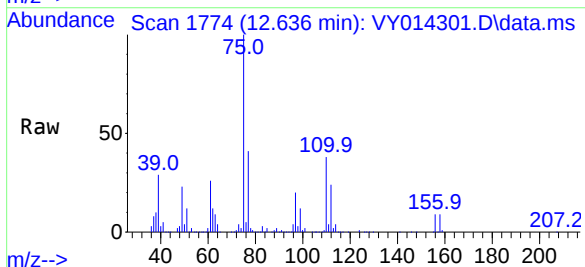
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

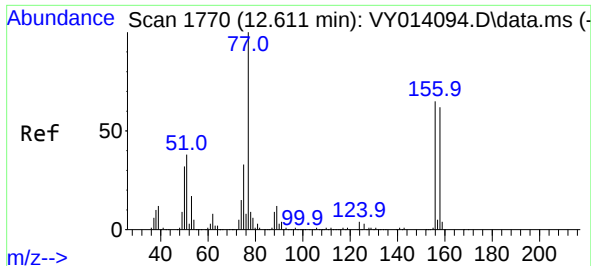
Tgt Ion: 83 Resp: 159656
Ion Ratio Lower Upper
83 100
131 11.2 5.4 16.2
85 64.7 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 98.641 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.001 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 75 Resp: 218966
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

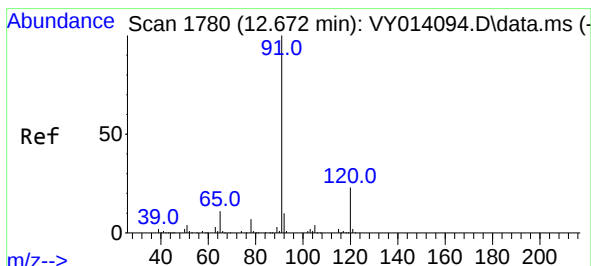
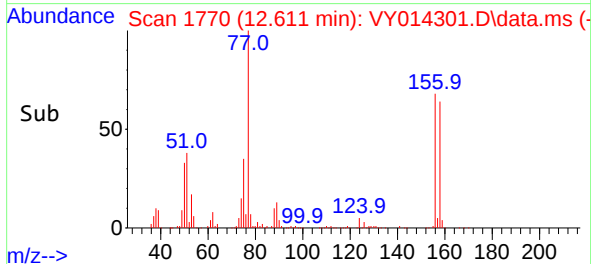
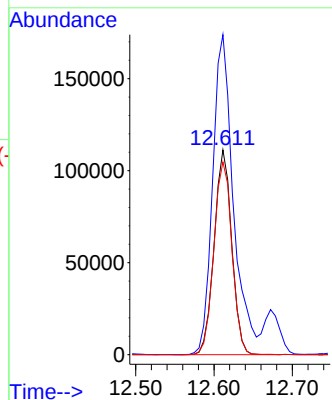
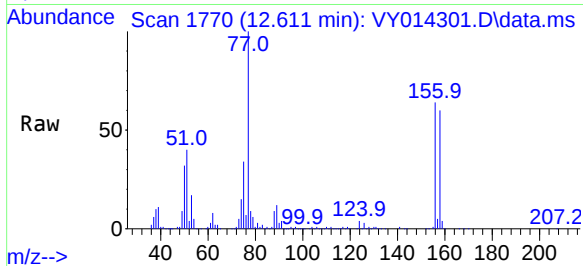




#77
Bromobenzene
Concen: 51.168 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

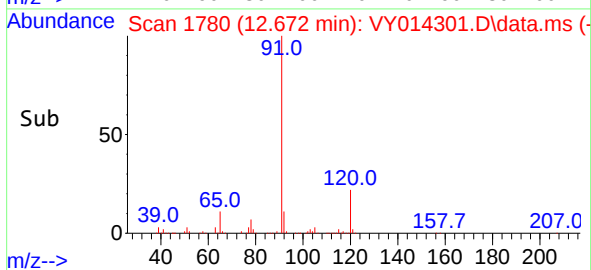
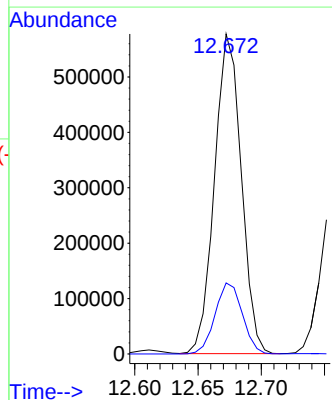
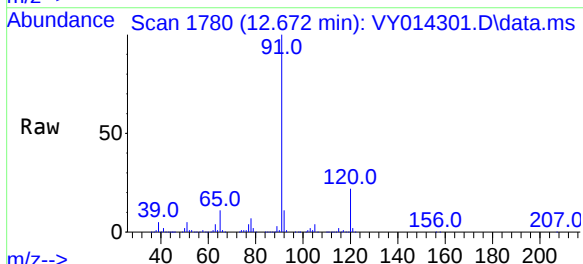
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

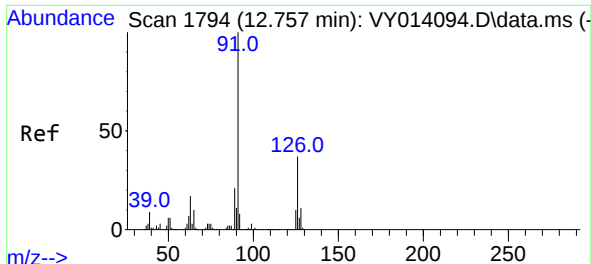
Tgt Ion:156 Resp: 173587
Ion Ratio Lower Upper
156 100
77 183.1 92.8 278.6
158 96.8 48.4 145.3



#78
n-propylbenzene
Concen: 53.728 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 91 Resp: 847047
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 52.478 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014301.D

Acq: 20 Jun 2023 22:31

Instrument :

MSVOA_Y

ClientSampleId :

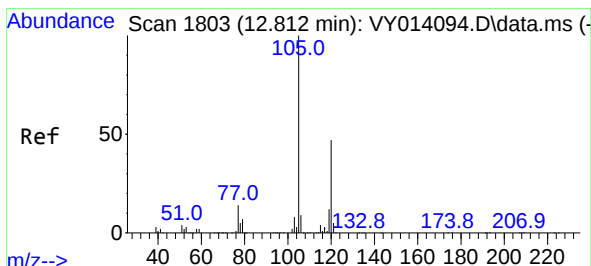
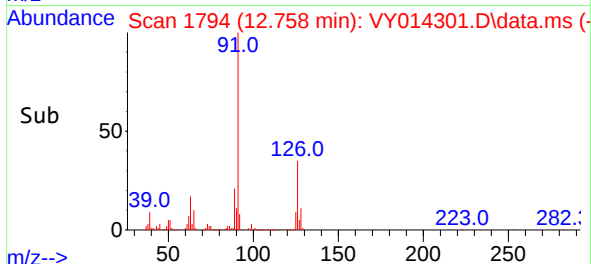
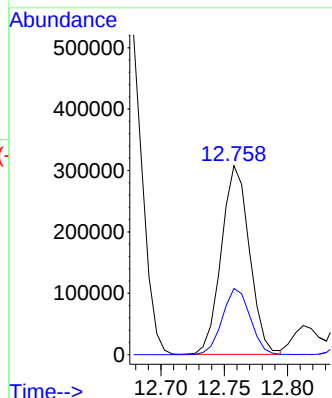
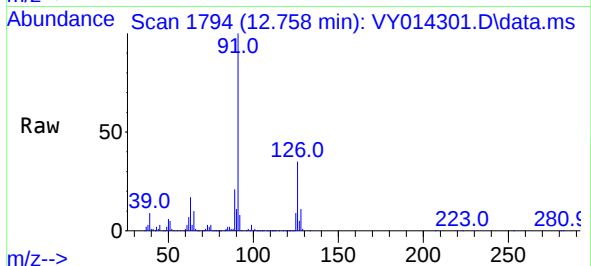
VSTDCCC050

Tgt Ion: 91 Resp: 476049

Ion Ratio Lower Upper

91 100

126 34.7 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 53.599 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY014301.D

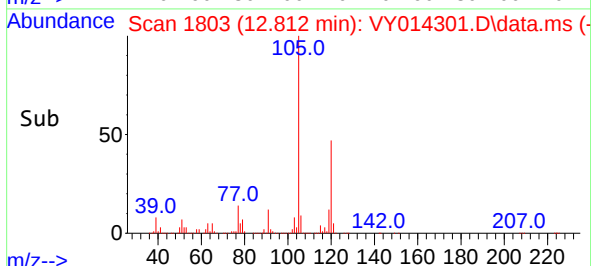
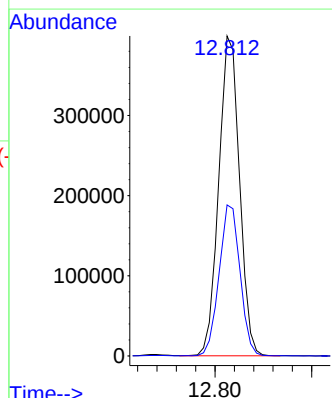
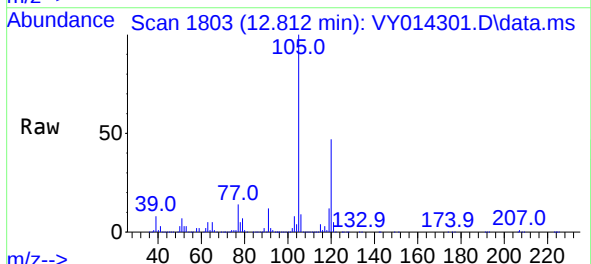
Acq: 20 Jun 2023 22:31

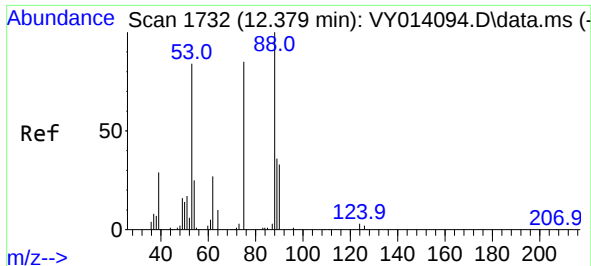
Tgt Ion:105 Resp: 592370

Ion Ratio Lower Upper

105 100

120 47.9 23.9 71.7

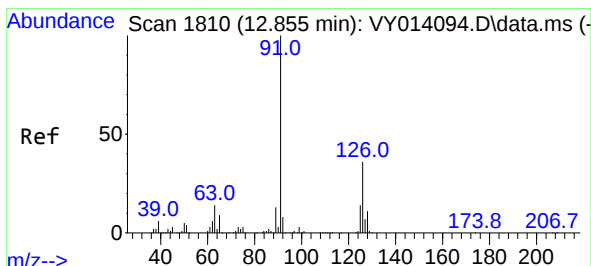
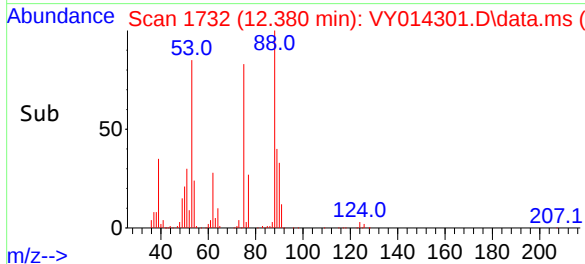
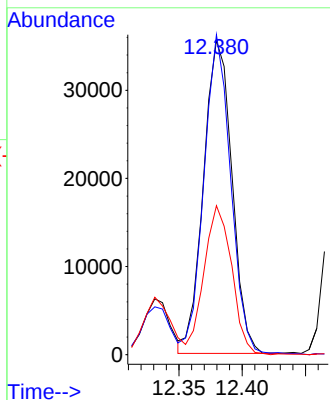
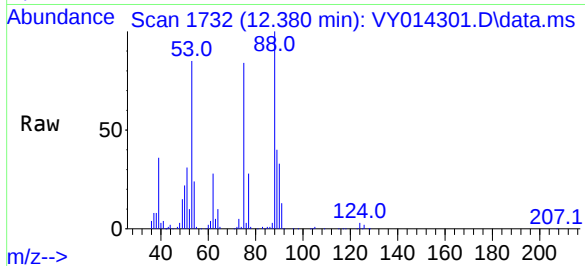




#81
trans-1,4-Dichloro-2-butene
Concen: 54.117 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

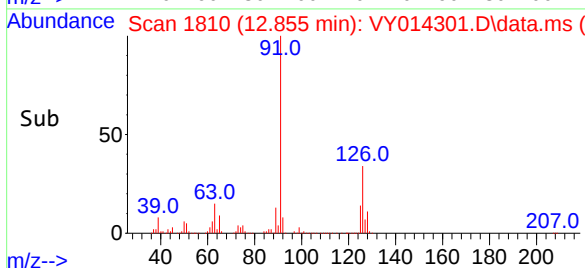
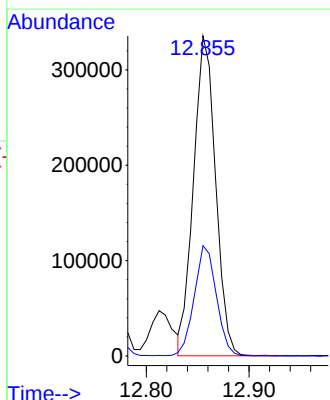
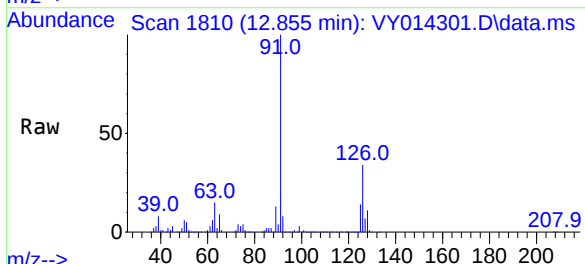
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

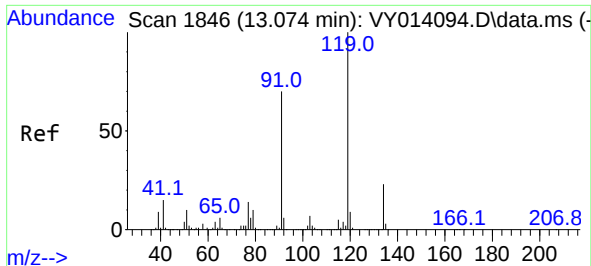
Tgt Ion: 75 Resp: 55575
Ion Ratio Lower Upper
75 100
53 97.0 77.8 116.8
89 46.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 52.105 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 91 Resp: 500882
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6

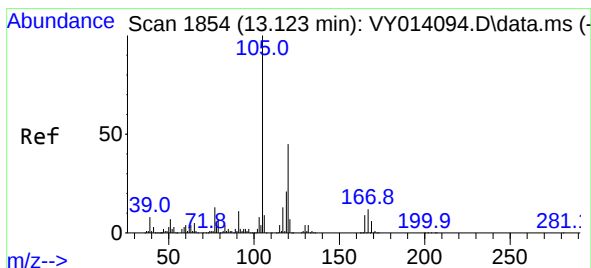
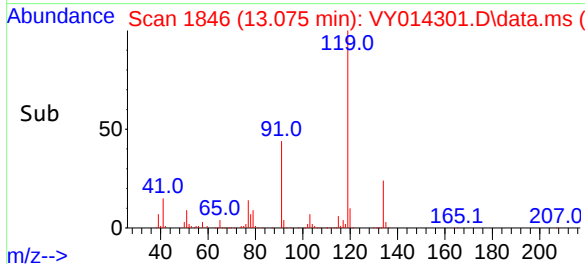
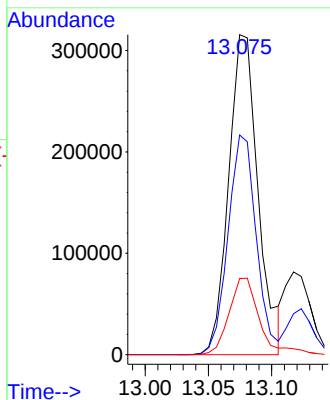
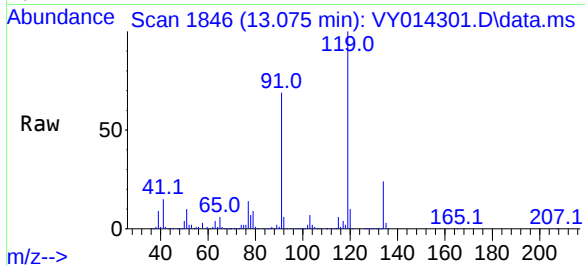




#83
tert-Butylbenzene
Concen: 54.533 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.001 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

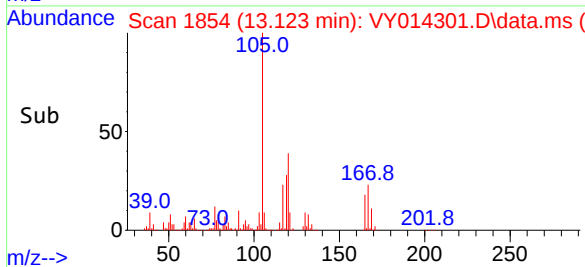
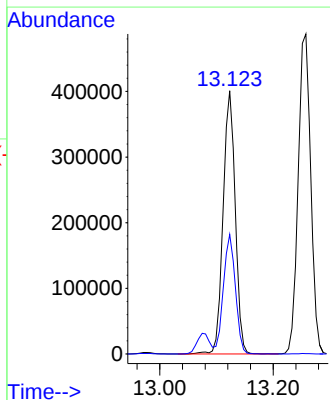
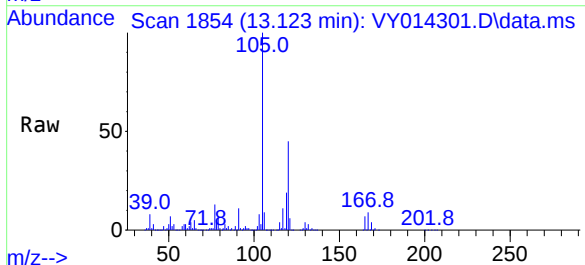
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

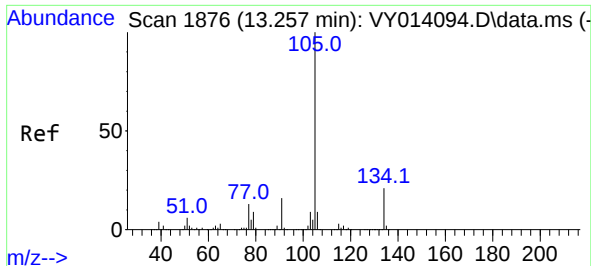
Tgt Ion:119 Resp: 512171
Ion Ratio Lower Upper
119 100
91 65.8 32.9 98.6
134 24.8 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 54.477 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion:105 Resp: 595987
Ion Ratio Lower Upper
105 100
120 44.9 22.2 66.6

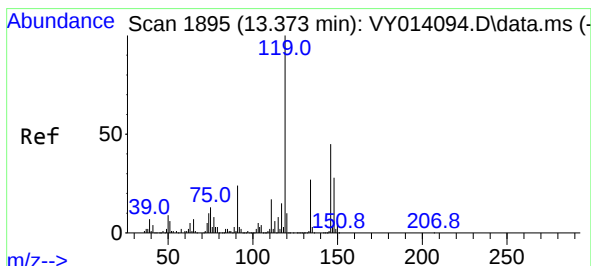
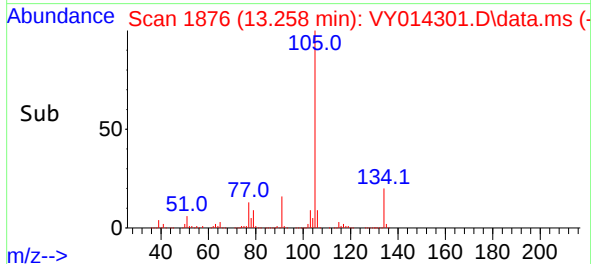
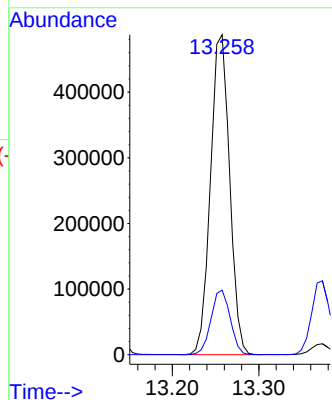
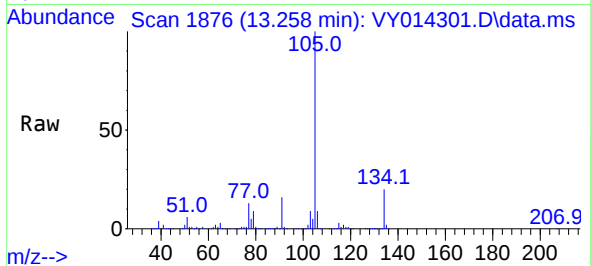




#85
 sec-Butylbenzene
 Concen: 54.790 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.001 min
 Lab File: VY014301.D
 Acq: 20 Jun 2023 22:31

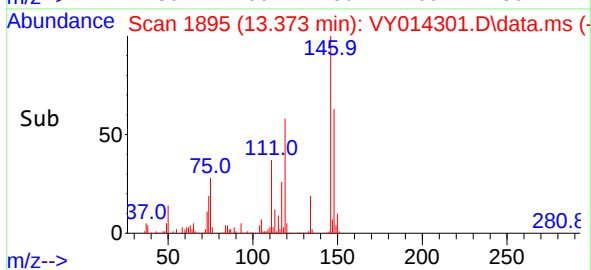
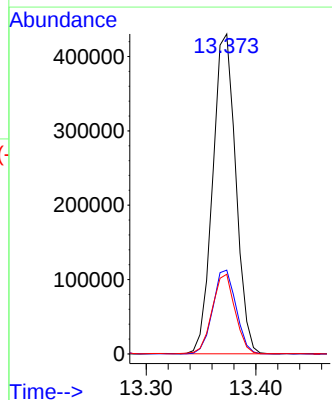
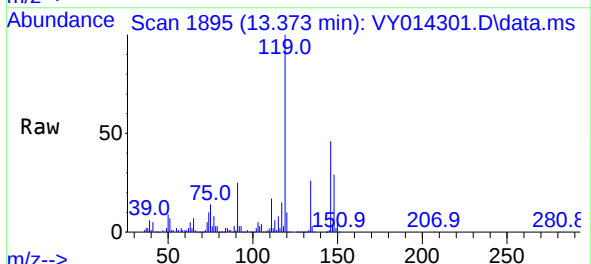
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

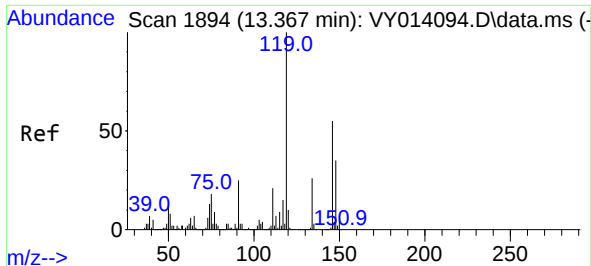
Tgt Ion:105 Resp: 748132
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 53.803 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY014301.D
 Acq: 20 Jun 2023 22:31

Tgt Ion:119 Resp: 628750
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 25.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 52.461 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014301.D

Acq: 20 Jun 2023 22:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

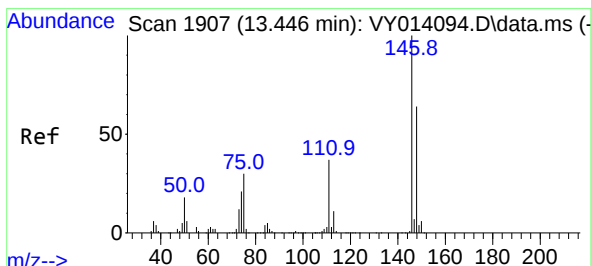
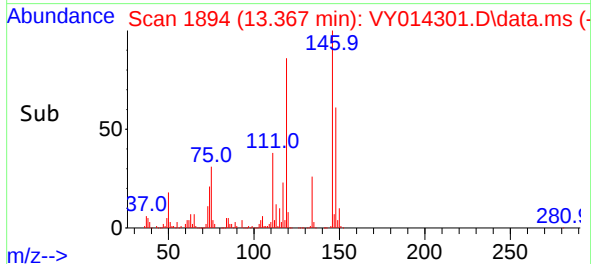
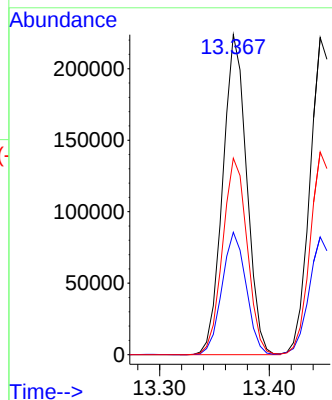
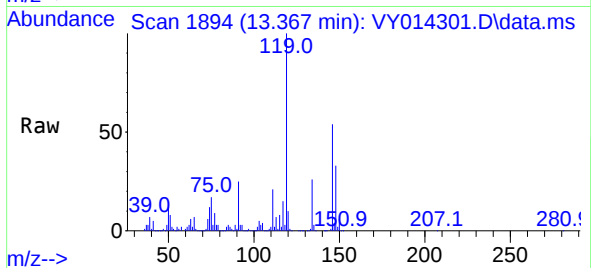
Tgt Ion:146 Resp: 339801

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.2

148 62.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 51.977 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY014301.D

Acq: 20 Jun 2023 22:31

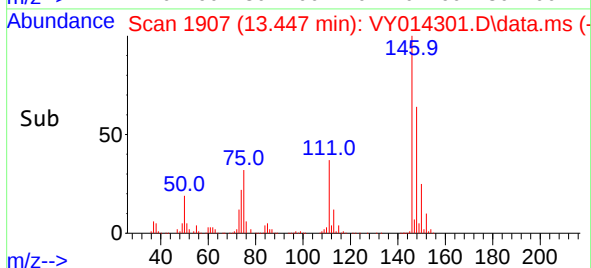
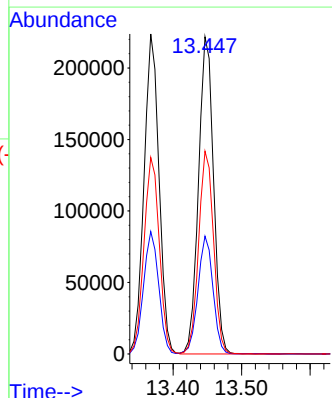
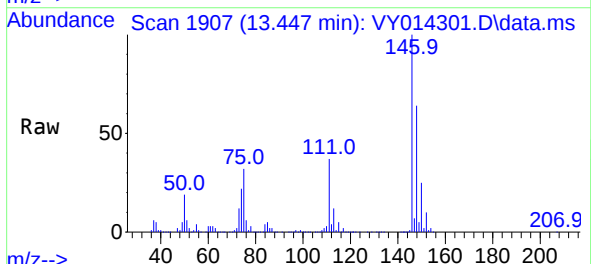
Tgt Ion:146 Resp: 339205

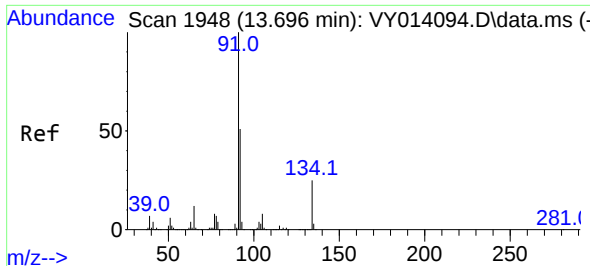
Ion Ratio Lower Upper

146 100

111 37.0 18.9 56.7

148 63.5 32.1 96.5

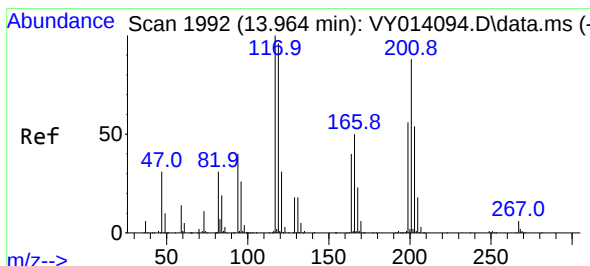
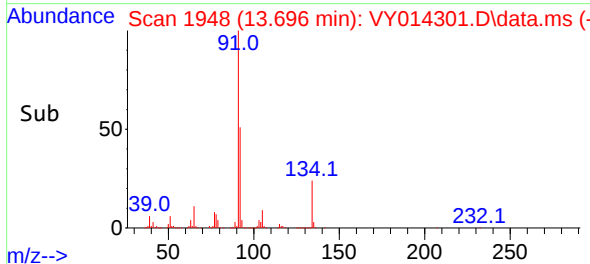
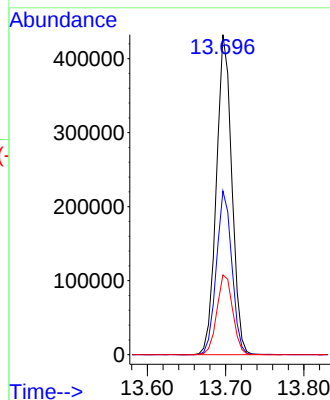
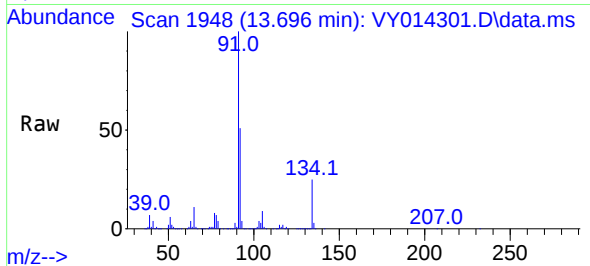




#89
n-Butylbenzene
Concen: 54.713 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

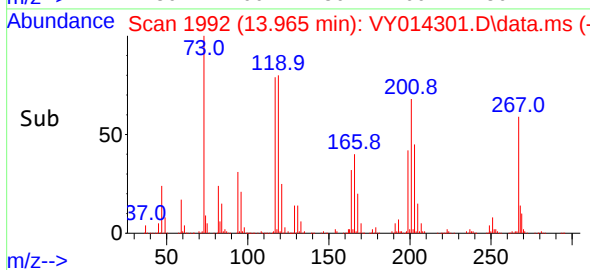
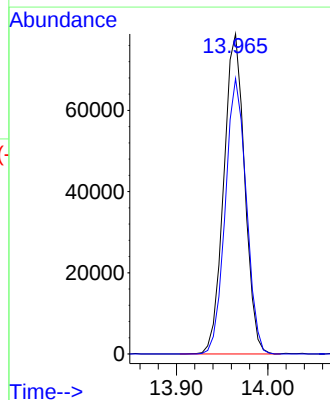
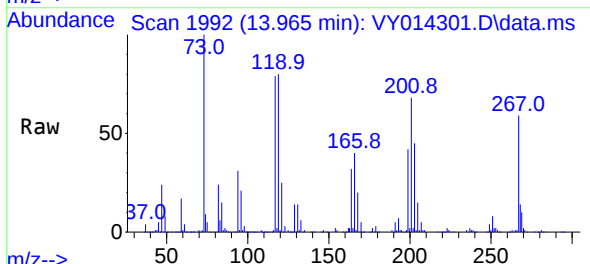
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

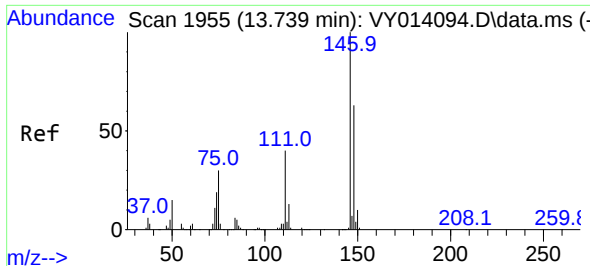
Tgt Ion: 91 Resp: 593031
Ion Ratio Lower Upper
91 100
92 51.2 25.4 76.0
134 25.7 12.6 37.6



#90
Hexachloroethane
Concen: 53.874 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.001 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 117 Resp: 125454
Ion Ratio Lower Upper
117 100
201 86.1 41.6 124.8

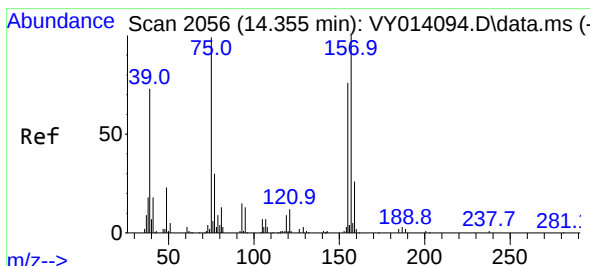
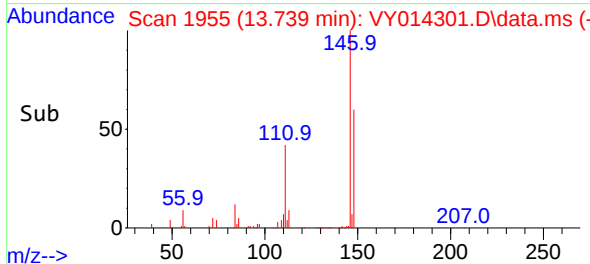
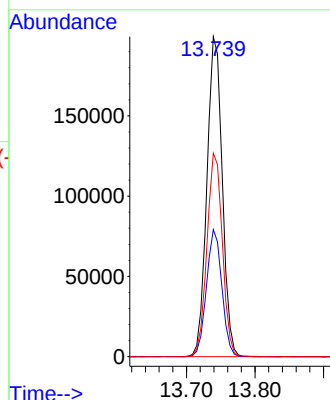
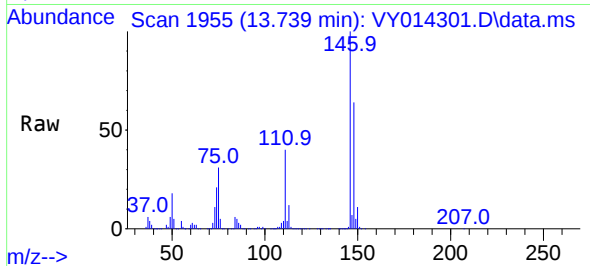




#91
1,2-Dichlorobenzene
Concen: 53.511 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

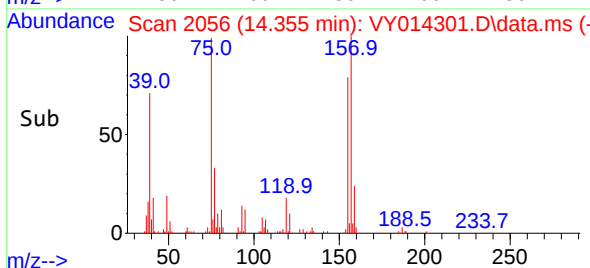
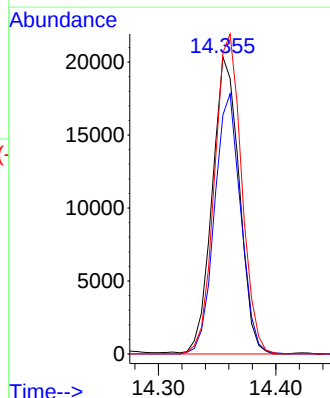
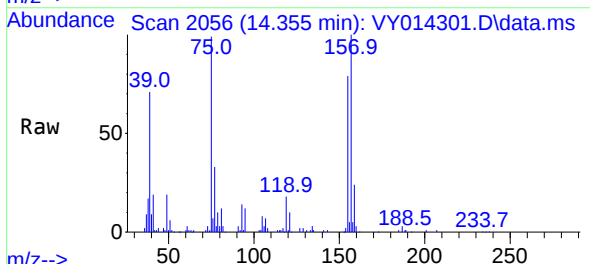
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 311297
Ion Ratio Lower Upper
146 100
111 39.7 19.7 59.0
148 63.7 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 59.212 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion: 75 Resp: 32521
Ion Ratio Lower Upper
75 100
155 84.9 41.5 124.6
157 107.8 51.8 155.5

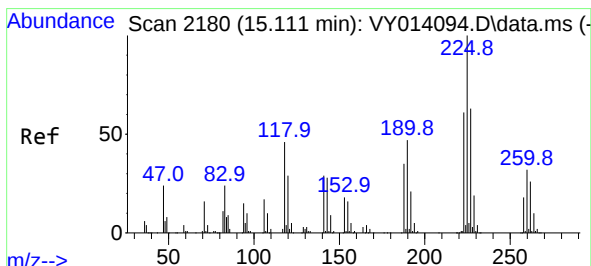
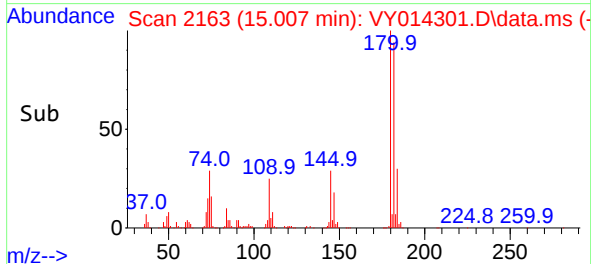
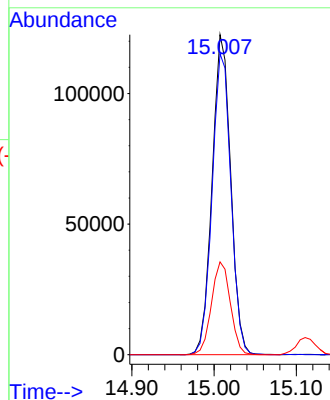
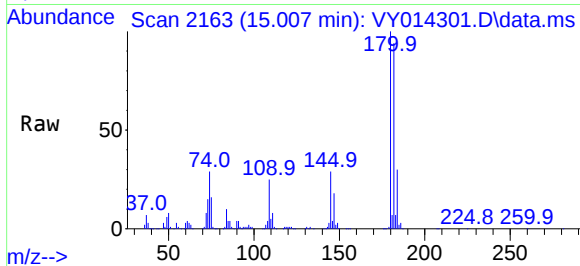




#93
1,2,4-Trichlorobenzene
Concen: 52.091 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

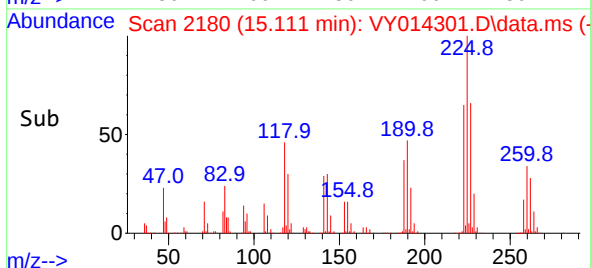
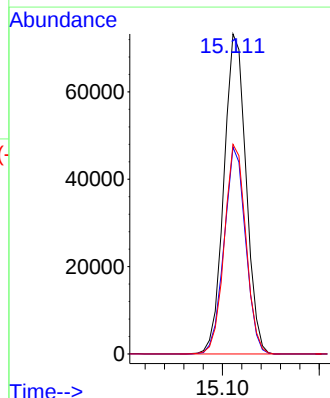
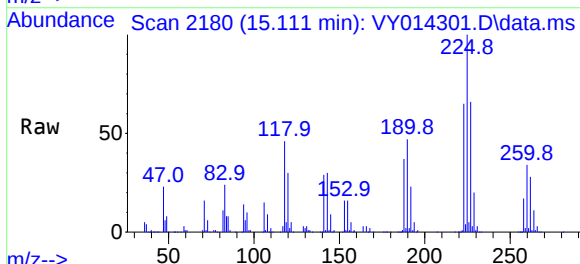
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

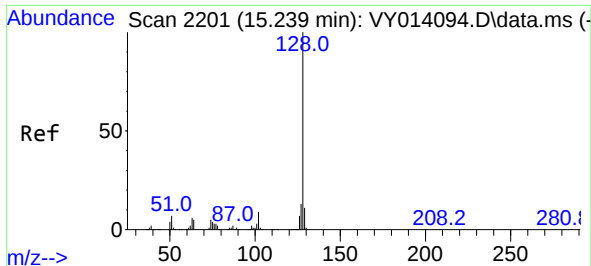
Tgt Ion:180 Resp: 191971
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.2
145 29.5 14.5 43.5



#94
Hexachlorobutadiene
Concen: 54.603 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion:225 Resp: 116174
Ion Ratio Lower Upper
225 100
223 62.7 31.9 95.9
227 63.7 33.0 98.9



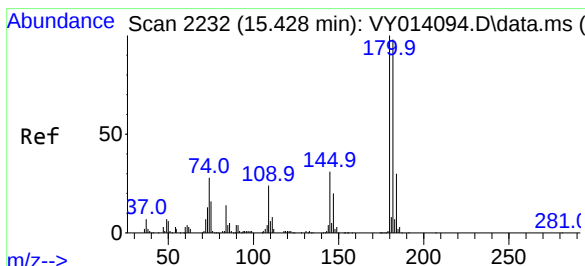
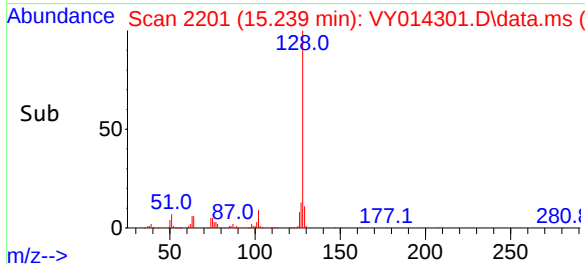
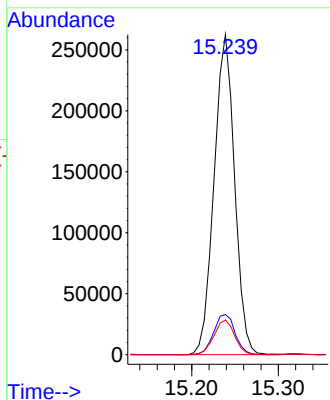
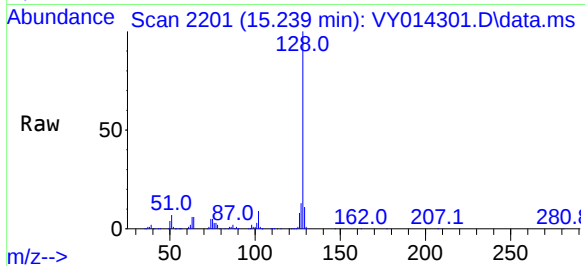


#95
Naphthalene
Concen: 57.737 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 431889

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.8	16.2
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.448 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY014301.D
Acq: 20 Jun 2023 22:31

Tgt Ion:180 Resp: 177988

Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	141.8
145	30.6	15.4	46.2

