

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
 Data File : VY014374.D
 Acq On : 22 Jun 2023 12:41
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 22 17:18:25 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	226406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	335156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	319091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	183206	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	138620	43.968	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.940%
35) Dibromofluoromethane	7.728	113	116313	48.936	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.880%
50) Toluene-d8	10.185	98	395839	44.546	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.100%
62) 4-Bromofluorobenzene	12.489	95	164578	52.138	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	121962	48.336	ug/l	96
3) Chloromethane	2.119	50	128670	40.217	ug/l	97
4) Vinyl Chloride	2.253	62	141120	45.367	ug/l	100
5) Bromomethane	2.650	94	125239	48.797	ug/l	97
6) Chloroethane	2.796	64	91498	43.288	ug/l	96
7) Trichlorofluoromethane	3.131	101	265155	52.471	ug/l	99
8) Diethyl Ether	3.540	74	83593	49.540	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	134606	52.779	ug/l	98
10) Methyl Iodide	4.094	142	125669	37.316	ug/l	97
11) Tert butyl alcohol	4.966	59	110285	306.819	ug/l #	80
12) 1,1-Dichloroethene	3.875	96	129103	49.942	ug/l	96
13) Acrolein	3.741	56	37204	254.054	ug/l	98
14) Allyl chloride	4.485	41	224293	47.866	ug/l	97
15) Acrylonitrile	5.167	53	259745	298.435	ug/l	99
16) Acetone	3.954	43	297994	313.568	ug/l	97
17) Carbon Disulfide	4.204	76	375425	44.817	ug/l	100
18) Methyl Acetate	4.485	43	201822	54.713	ug/l	96
19) Methyl tert-butyl Ether	5.228	73	417725	54.789	ug/l	98
20) Methylene Chloride	4.722	84	159943	52.927	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	144265	50.036	ug/l	99
22) Diisopropyl ether	6.125	45	467245	52.080	ug/l	96
23) Vinyl Acetate	6.064	43	1454542	274.780	ug/l	97
24) 1,1-Dichloroethane	6.027	63	258489	49.971	ug/l	99
25) 2-Butanone	6.990	43	378509	323.562	ug/l	99
26) 2,2-Dichloropropane	6.984	77	256979	52.893	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	166143	51.511	ug/l	99
28) Bromochloromethane	7.338	49	88452	42.048	ug/l	92
29) Tetrahydrofuran	7.356	42	232039	312.807	ug/l	96
30) Chloroform	7.508	83	286318	52.173	ug/l	100
31) Cyclohexane	7.789	56	211488	50.075	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	265110	53.563	ug/l	99
36) 1,1-Dichloropropene	7.923	75	203835	55.008	ug/l	99
37) Ethyl Acetate	7.082	43	150683	58.935	ug/l	97
38) Carbon Tetrachloride	7.911	117	246669	57.685	ug/l	100
39) Methylcyclohexane	9.191	83	236891	57.619	ug/l	97
40) Benzene	8.167	78	587751	53.341	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	216587	165.986	ug/l #	40
42) 1,2-Dichloroethane	8.246	62	212885	54.635	ug/l	100
43) Isopropyl Acetate	8.277	43	268066	59.820	ug/l	98
44) Trichloroethene	8.947	130	163188	55.432	ug/l	98
45) 1,2-Dichloropropane	9.222	63	148217	52.958	ug/l	99
46) Dibromomethane	9.313	93	94613	54.918	ug/l	98
47) Bromodichloromethane	9.502	83	220393	54.636	ug/l	97
48) Methyl methacrylate	9.295	41	124644	59.635	ug/l	96
49) 1,4-Dioxane	9.307	88	29928	1367.148	ug/l #	45
51) 4-Methyl-2-Pentanone	10.075	43	791643	325.166	ug/l	98
52) Toluene	10.252	92	378046	55.346	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	243849	57.424	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	251004	54.176	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	130278	57.013	ug/l	99
56) Ethyl methacrylate	10.514	69	193988	61.548	ug/l	96
57) 1,3-Dichloropropane	10.794	76	220112	56.321	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	385903	271.257	ug/l	97
59) 2-Hexanone	10.837	43	595746	338.800	ug/l	97
60) Dibromochloromethane	10.990	129	171204	58.538	ug/l	99
61) 1,2-Dibromoethane	11.093	107	130986	58.082	ug/l	98
64) Tetrachloroethene	10.727	164	168461	61.938	ug/l	95
65) Chlorobenzene	11.520	112	408423	53.268	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	165283	54.807	ug/l	99
67) Ethyl Benzene	11.599	91	745454	55.545	ug/l	99
68) m/p-Xylenes	11.709	106	579811	112.320	ug/l	98
69) o-Xylene	12.038	106	276404	56.634	ug/l	100
70) Styrene	12.050	104	478268	57.417	ug/l	99
71) Bromoform	12.215	173	124316	60.192	ug/l	99
73) Isopropylbenzene	12.337	105	743768	53.217	ug/l	100
74) N-amyl acetate	12.148	43	251394	56.762	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	168345	53.906	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	234825	97.696	ug/l #	100
77) Bromobenzene	12.617	156	186473	50.764	ug/l	98
78) n-propylbenzene	12.678	91	908529	53.222	ug/l	99
79) 2-Chlorotoluene	12.764	91	512700	52.197	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	634879	53.053	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	62921	56.586	ug/l	97
82) 4-Chlorotoluene	12.861	91	540676	51.944	ug/l	100
83) tert-Butylbenzene	13.081	119	543639	53.458	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	636319	53.716	ug/l	99
85) sec-Butylbenzene	13.257	105	804144	54.389	ug/l	99
86) p-Isopropyltoluene	13.373	119	686727	54.271	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	365816	52.159	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	361498	51.157	ug/l	99
89) n-Butylbenzene	13.702	91	647446	55.166	ug/l	99
90) Hexachloroethane	13.965	117	134769	53.450	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	332452	52.778	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	34911	58.703	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	218921	54.862	ug/l	99
94) Hexachlorobutadiene	15.117	225	129749	56.321	ug/l	97
95) Naphthalene	15.239	128	476936	58.885	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	197304	54.719	ug/l	99

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QLast Update : Fri Jun 09 18:07:13 2023
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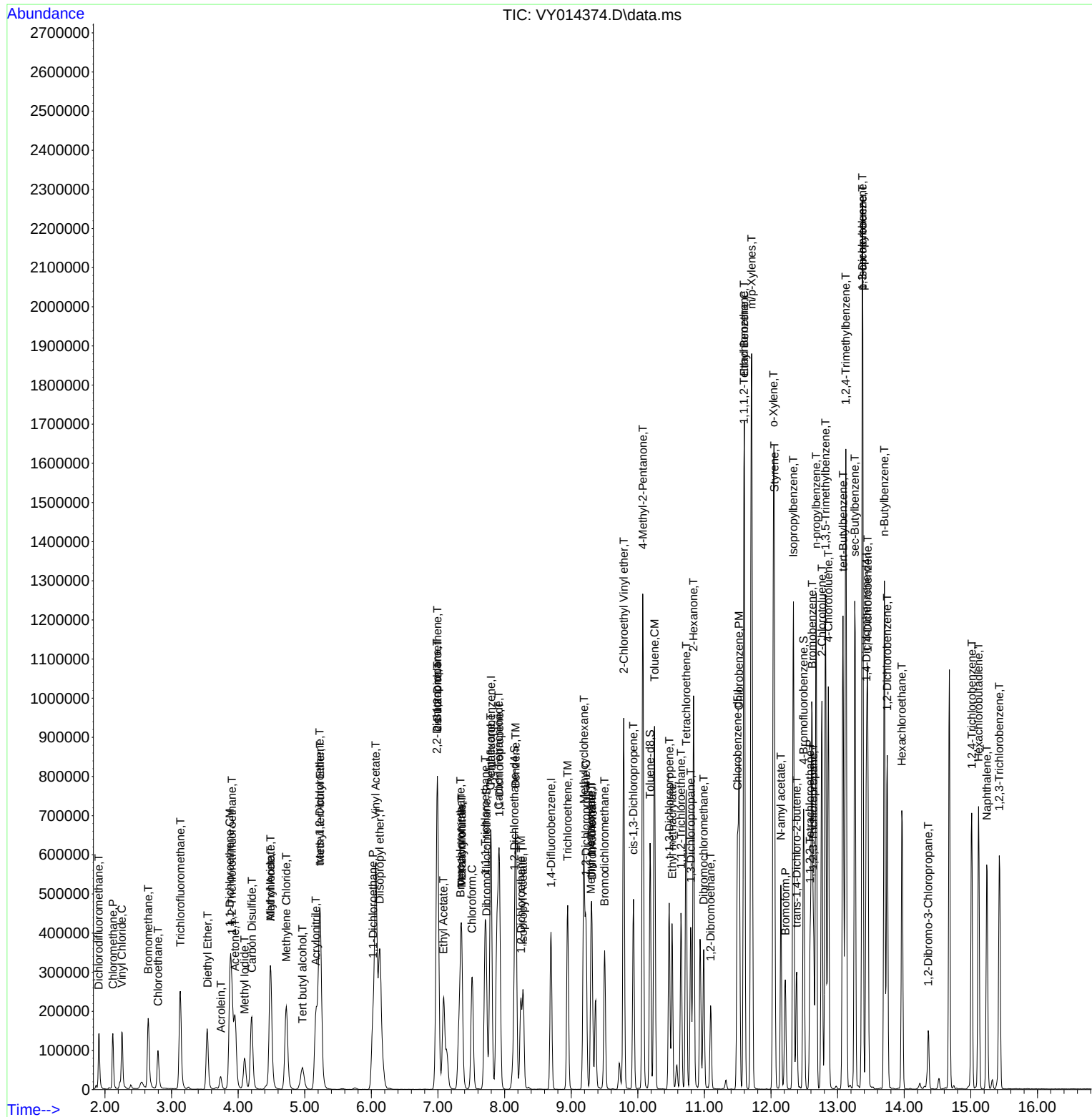
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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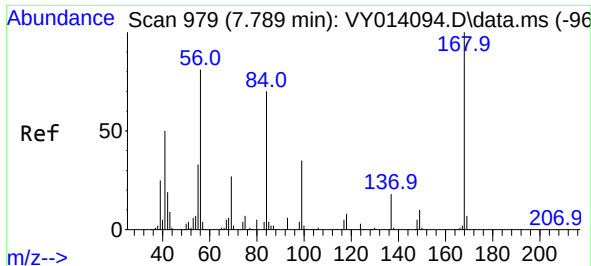
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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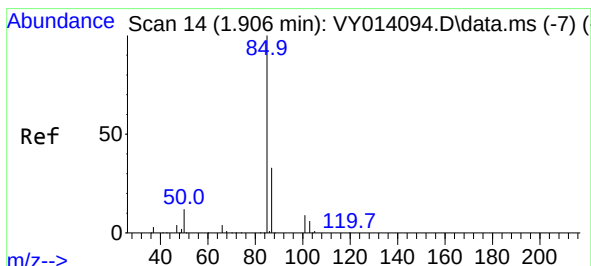
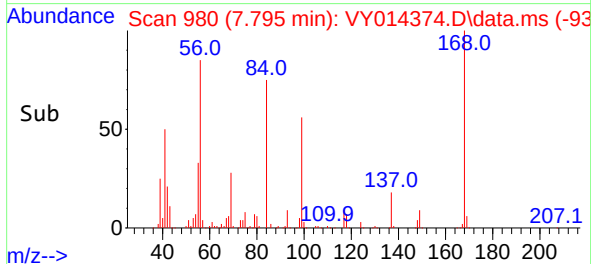
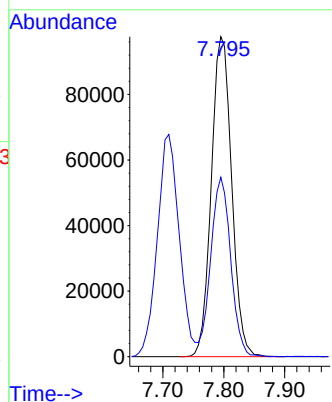
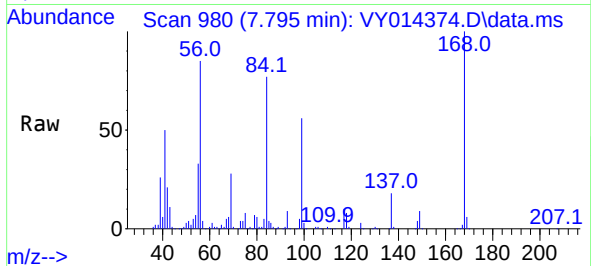




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014374.D
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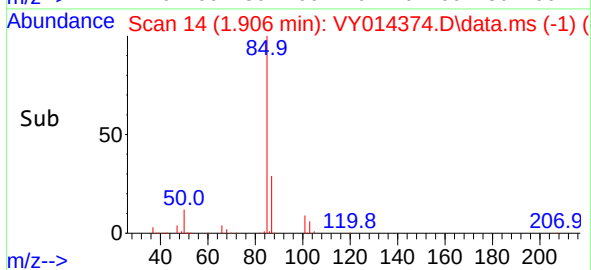
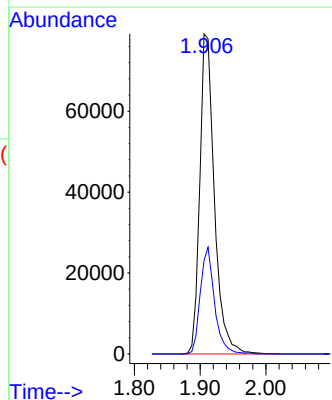
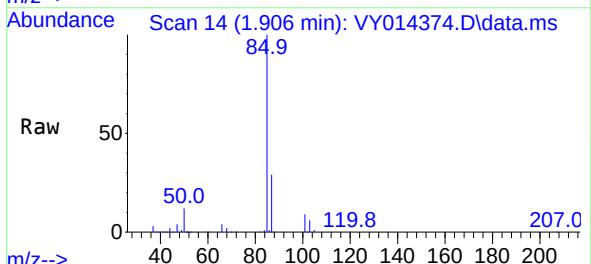
Instrument :
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VSTDCCC050

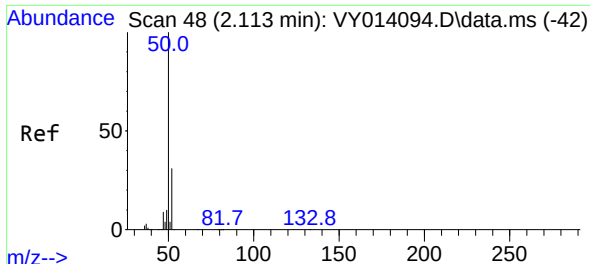
Tgt Ion:168 Resp: 226406
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 48.336 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 85 Resp: 121962
Ion Ratio Lower Upper
85 100
87 29.2 15.6 46.8

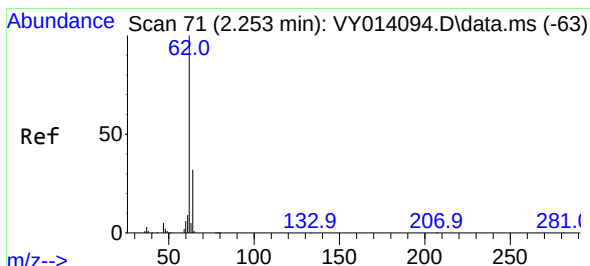
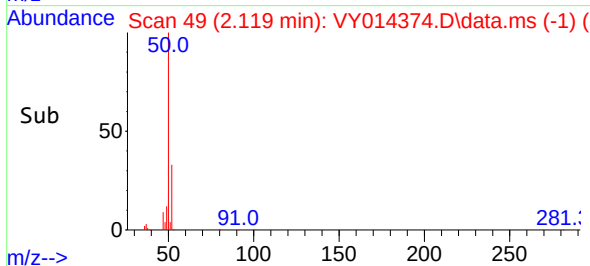
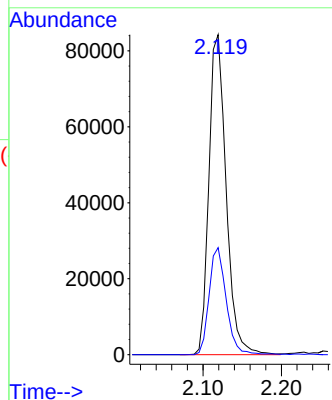
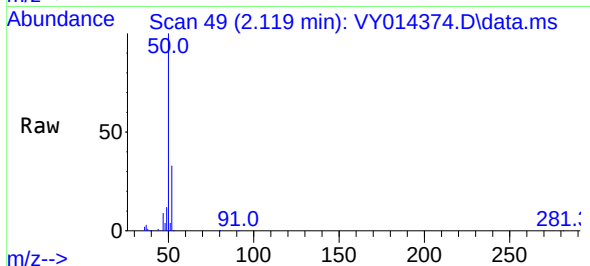




#3
Chloromethane
Concen: 40.217 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

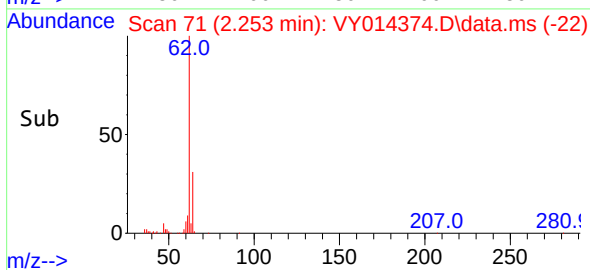
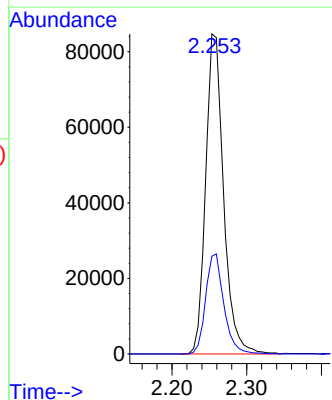
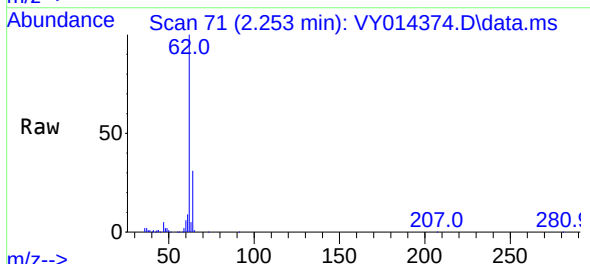
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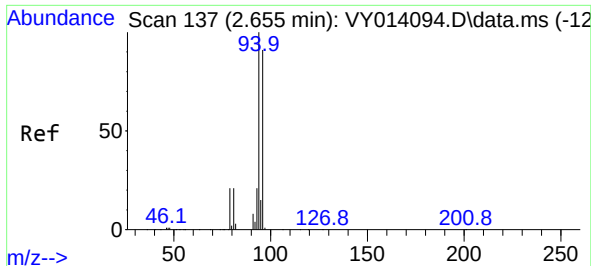
Tgt Ion: 50 Resp: 128670
Ion Ratio Lower Upper
50 100
52 33.5 25.4 38.2



#4
Vinyl Chloride
Concen: 45.367 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 62 Resp: 141120
Ion Ratio Lower Upper
62 100
64 30.6 24.3 36.5

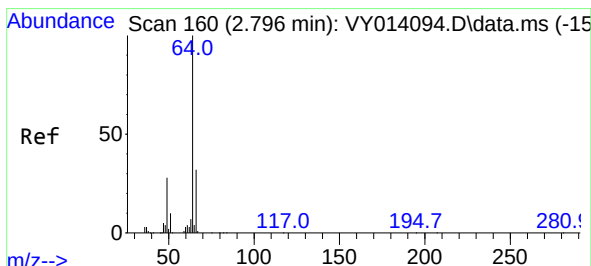
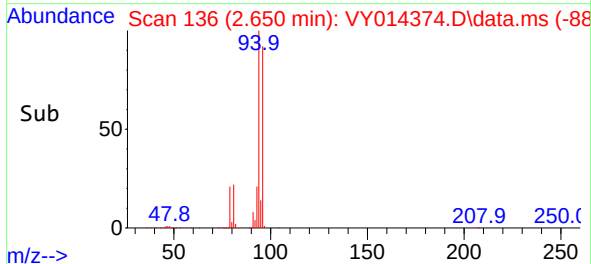
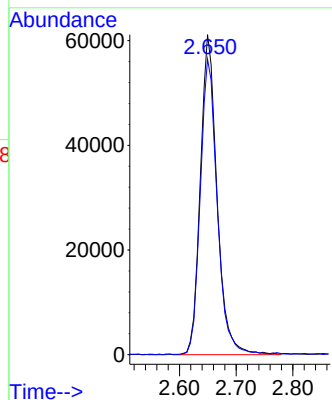
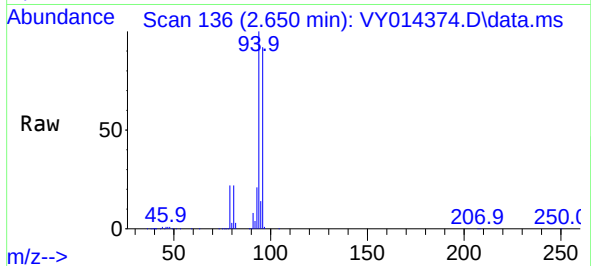




#5
Bromomethane
Concen: 48.797 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014374.D
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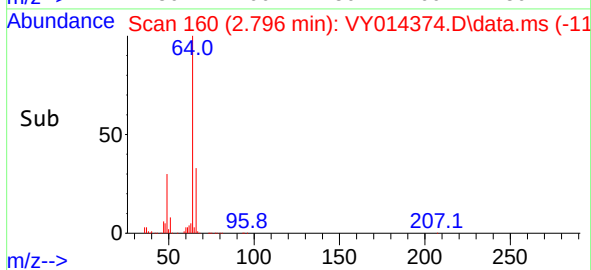
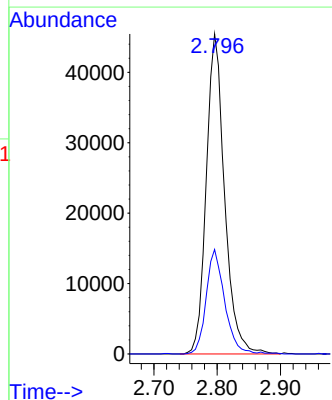
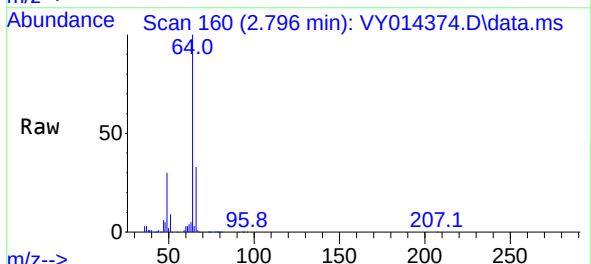
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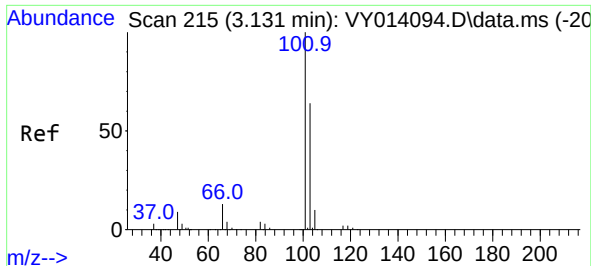
Tgt Ion: 94 Resp: 125239
Ion Ratio Lower Upper
94 100
96 92.2 75.8 113.6



#6
Chloroethane
Concen: 43.288 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 64 Resp: 91498
Ion Ratio Lower Upper
64 100
66 32.6 24.4 36.6

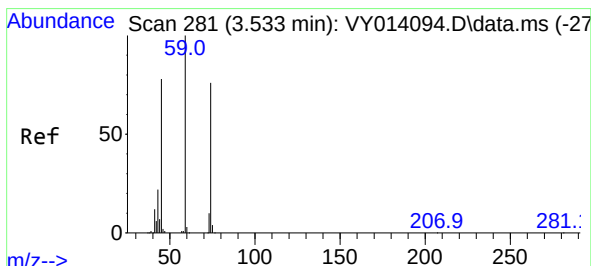
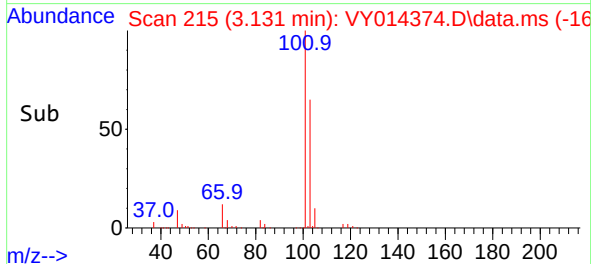
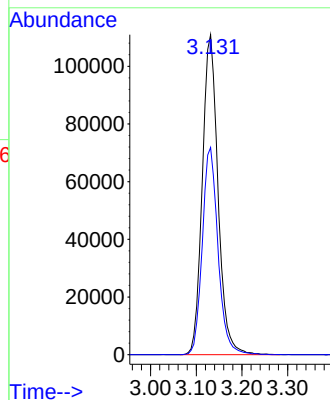
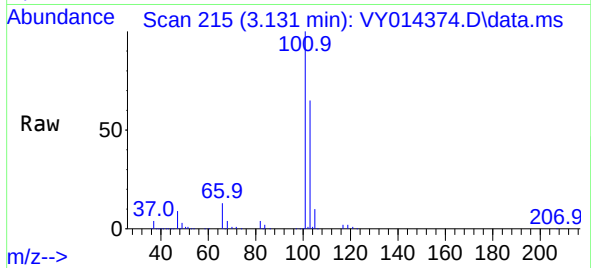




#7
 Trichlorofluoromethane
 Concen: 52.471 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY014374.D
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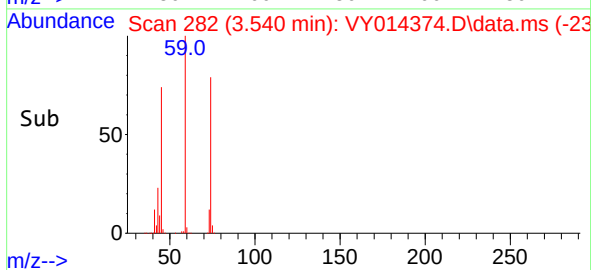
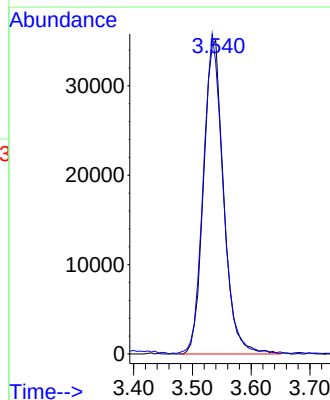
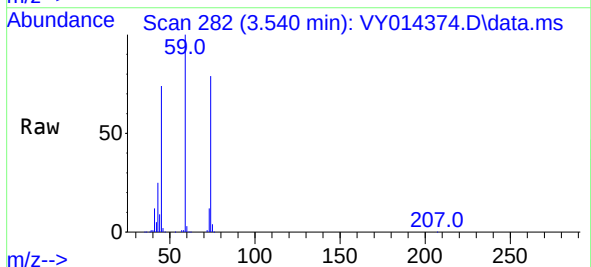
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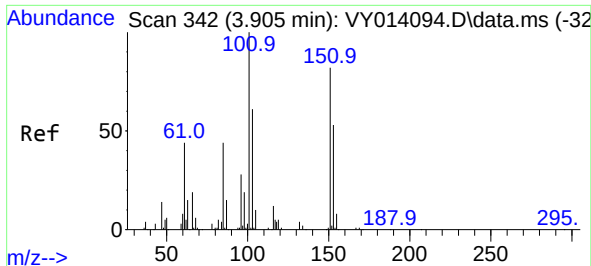
Tgt Ion:101 Resp: 265155
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.4 77.0



#8
 Diethyl Ether
 Concen: 49.540 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.007 min
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Tgt Ion: 74 Resp: 83593
 Ion Ratio Lower Upper
 74 100
 45 101.2 51.5 154.5

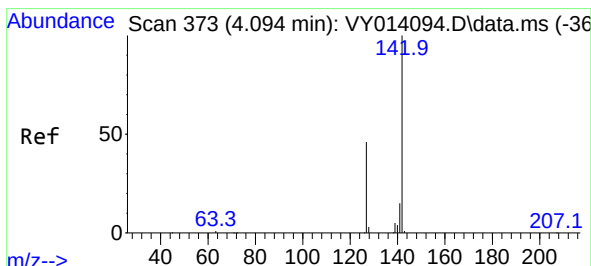
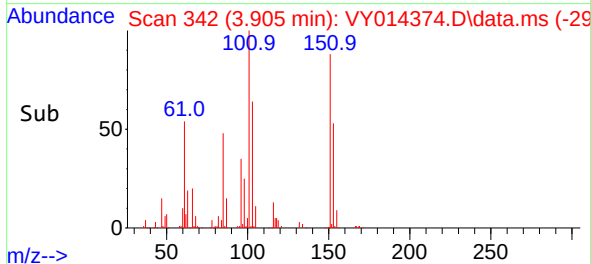
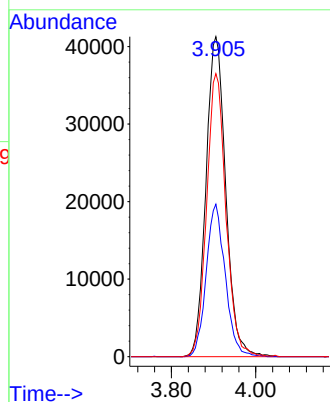
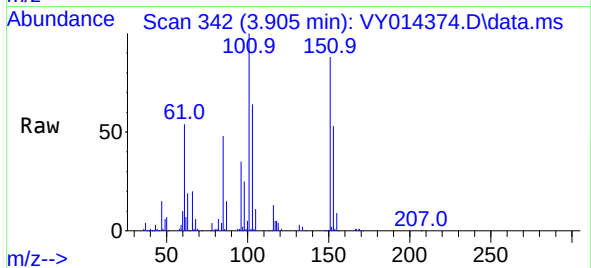




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.779 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

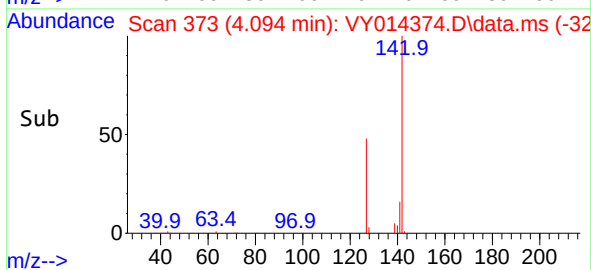
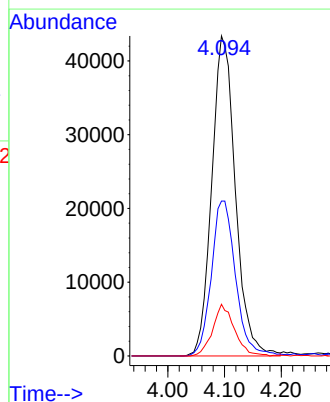
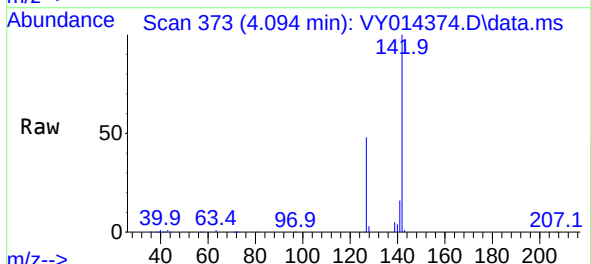
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

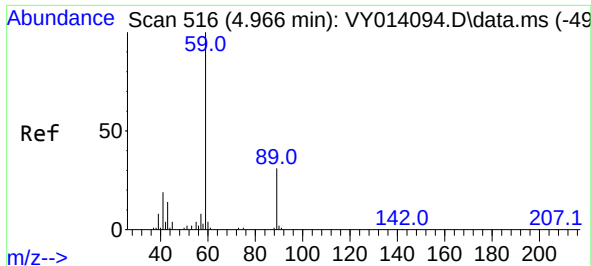
Tgt Ion:101 Resp: 134606
Ion Ratio Lower Upper
101 100
85 46.0 36.6 55.0
151 86.3 67.0 100.6



#10
Methyl Iodide
Concen: 37.316 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion:142 Resp: 125669
Ion Ratio Lower Upper
142 100
127 49.6 37.6 56.4
141 14.8 11.8 17.8

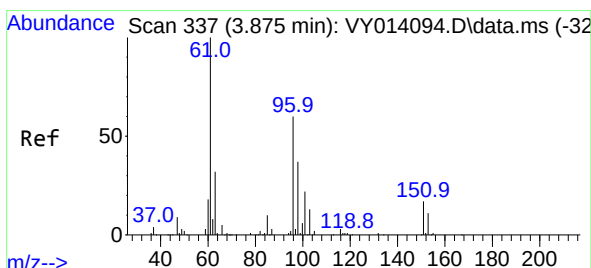
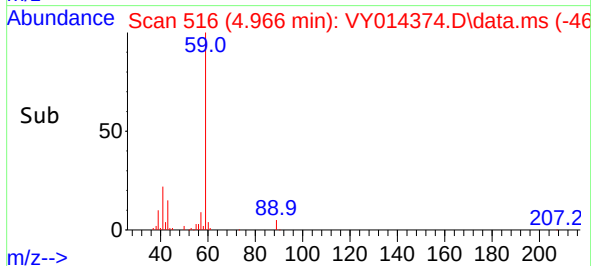
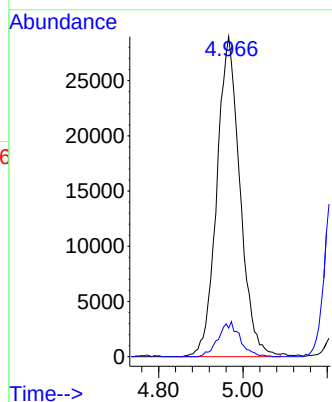
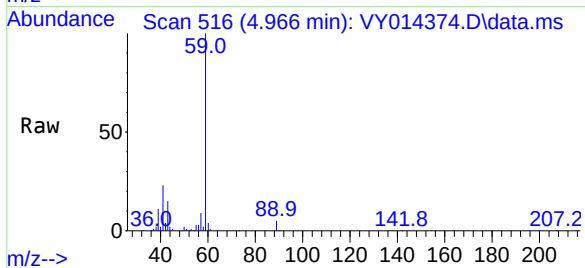




#11
Tert butyl alcohol
Concen: 306.819 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

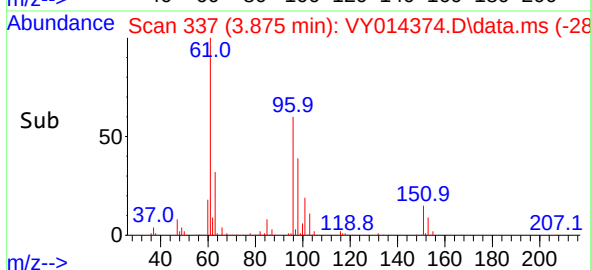
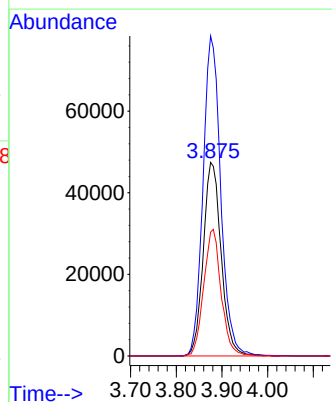
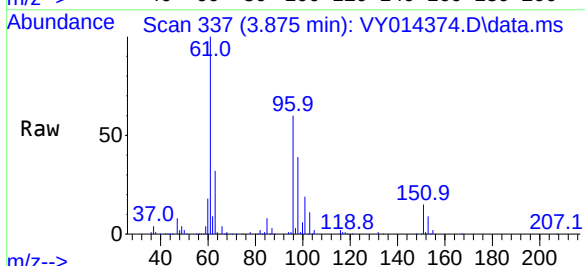
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

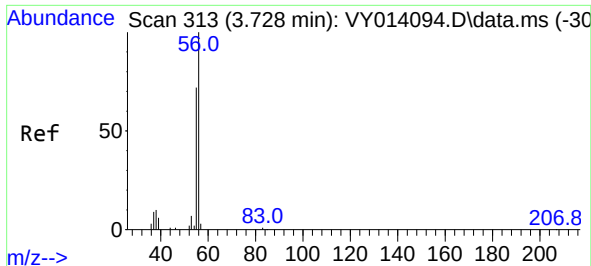
Tgt Ion: 59 Resp: 110285
Ion Ratio Lower Upper
59 100
57 10.2 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.942 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 96 Resp: 129103
Ion Ratio Lower Upper
96 100
61 165.4 136.4 204.6
98 64.0 49.4 74.2

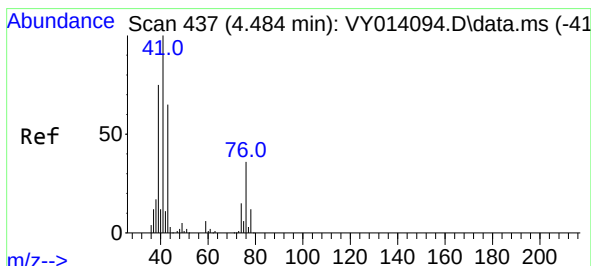
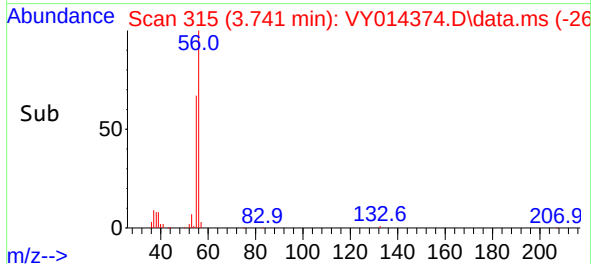
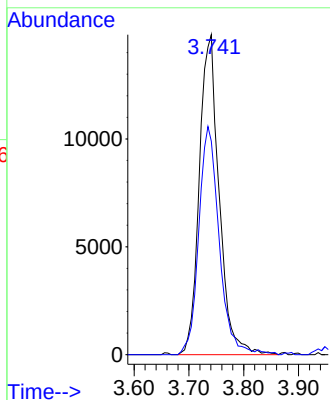
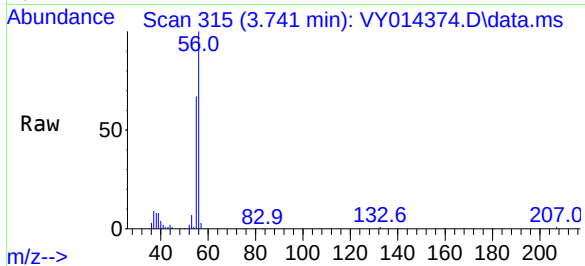




#13
Acrolein
Concen: 254.054 ug/l
RT: 3.741 min Scan# 313
Delta R.T. 0.013 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

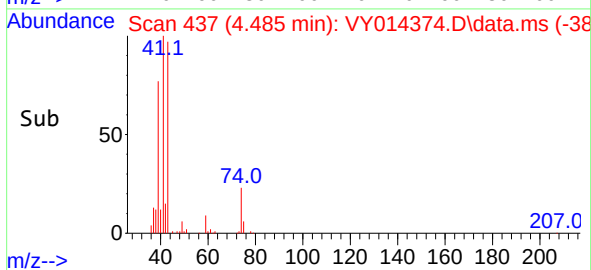
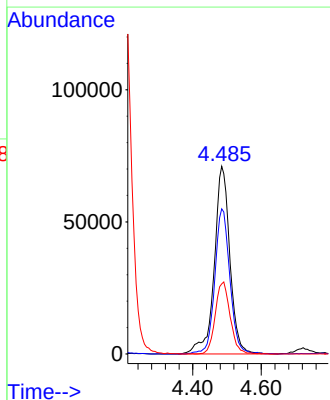
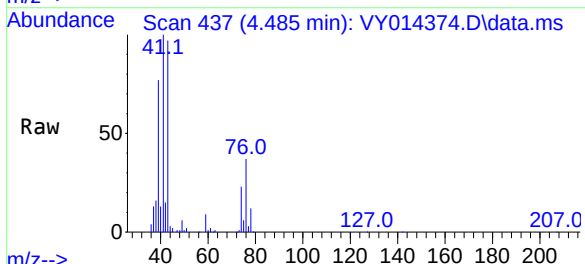
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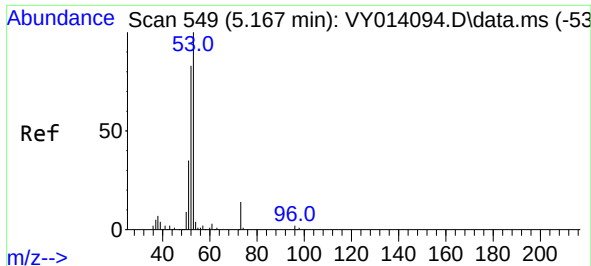
Tgt Ion: 56 Resp: 37204
Ion Ratio Lower Upper
56 100
55 72.8 57.0 85.4



#14
Allyl chloride
Concen: 47.866 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.001 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 41 Resp: 224293
Ion Ratio Lower Upper
41 100
39 74.6 58.0 87.0
76 36.5 27.4 41.2

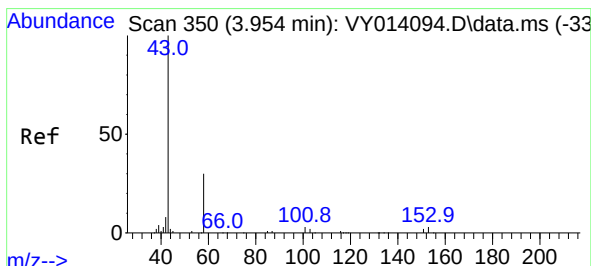
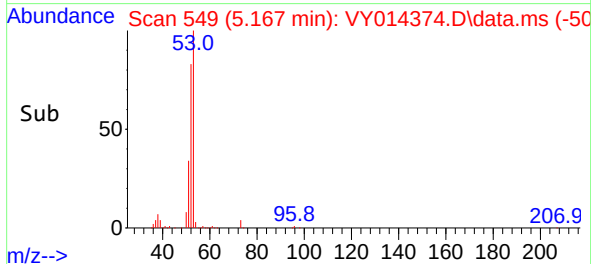
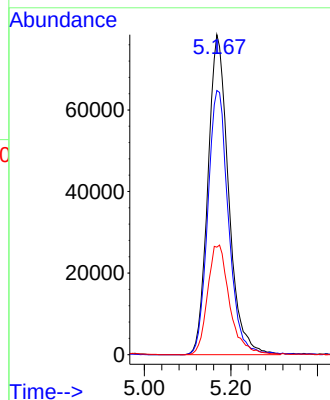
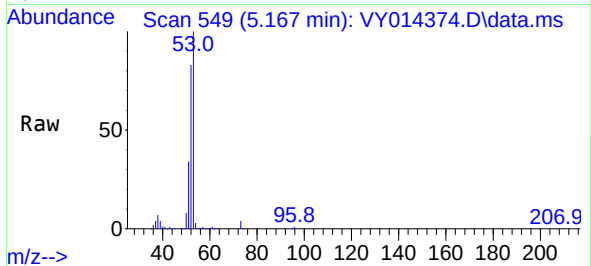




#15
Acrylonitrile
Concen: 298.435 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

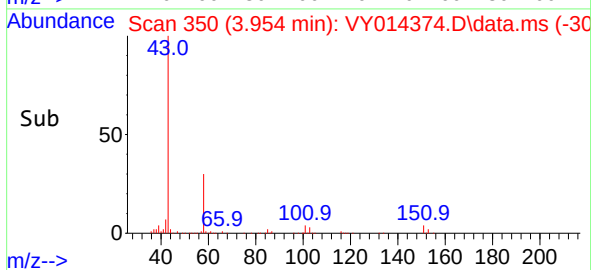
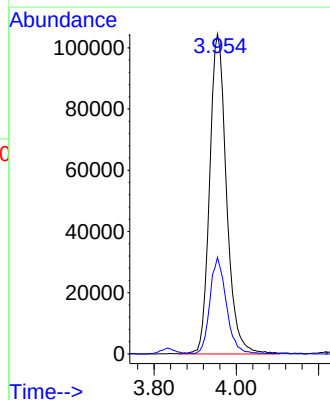
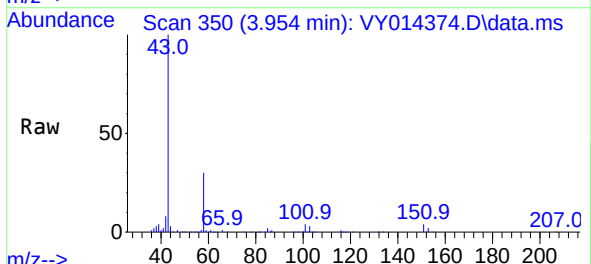
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

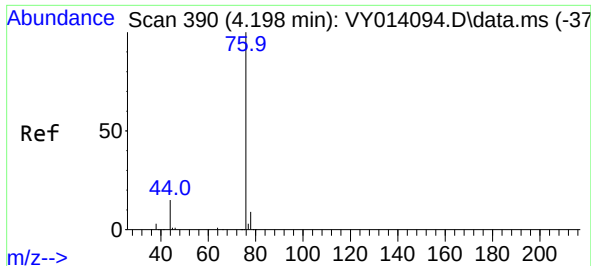
Tgt Ion: 53 Resp: 259745
Ion Ratio Lower Upper
53 100
52 83.0 66.9 100.3
51 36.6 29.8 44.6



#16
Acetone
Concen: 313.568 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 43 Resp: 297994
Ion Ratio Lower Upper
43 100
58 30.0 22.7 34.1

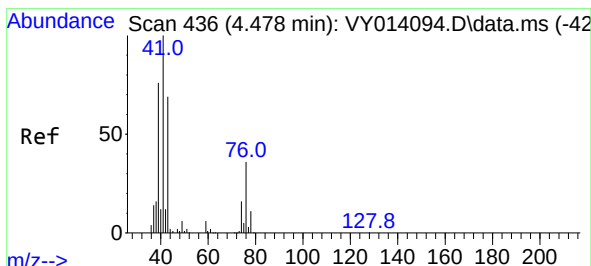
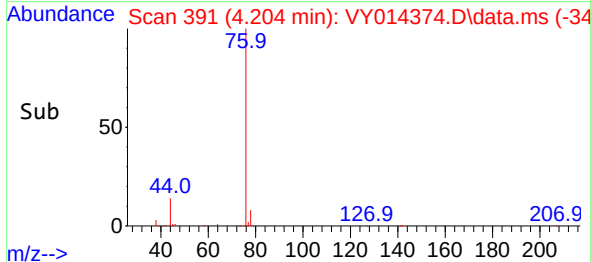
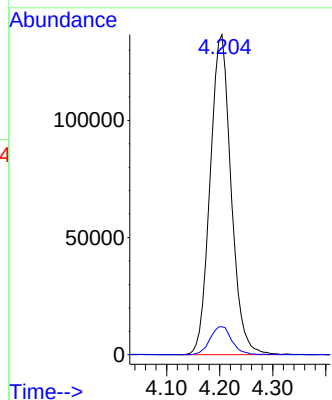
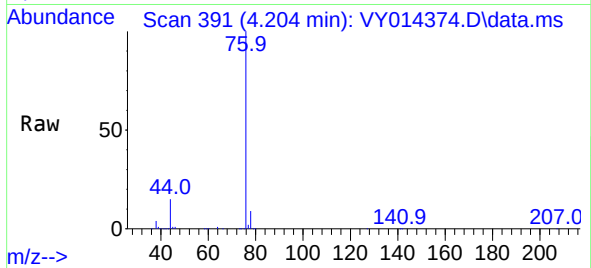




#17
Carbon Disulfide
Concen: 44.817 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

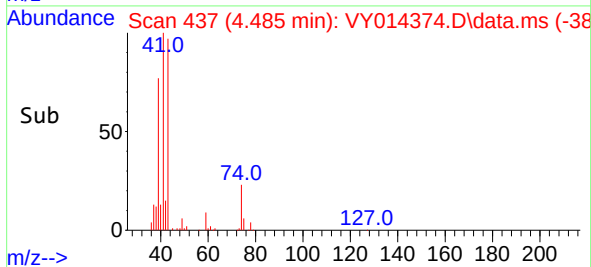
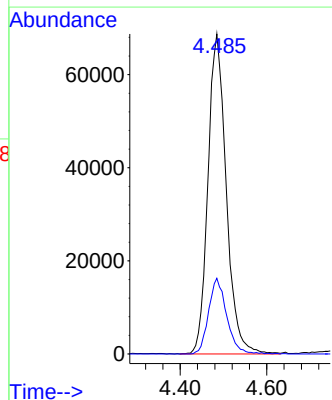
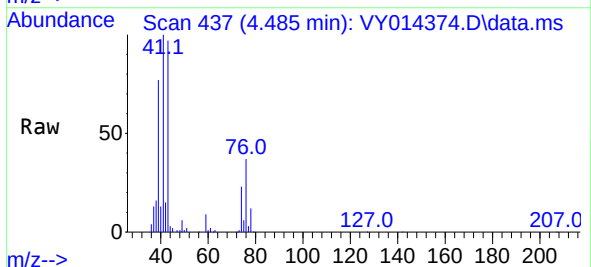
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

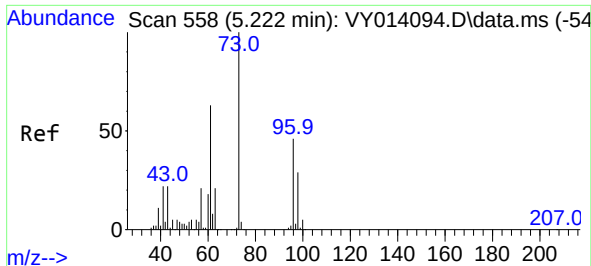
Tgt Ion: 76 Resp: 375425
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 54.713 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.007 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 43 Resp: 201822
Ion Ratio Lower Upper
43 100
74 23.4 17.4 26.0

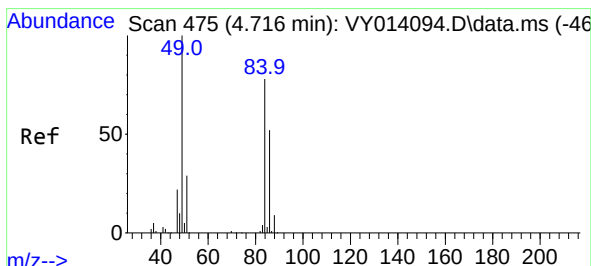
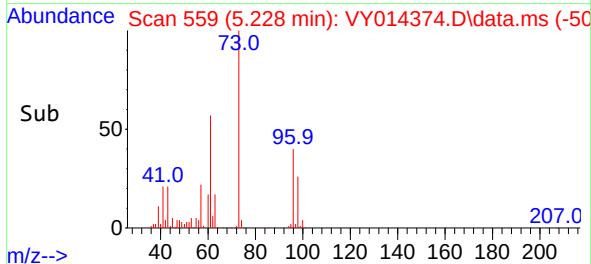
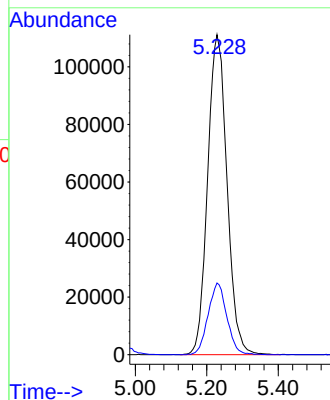
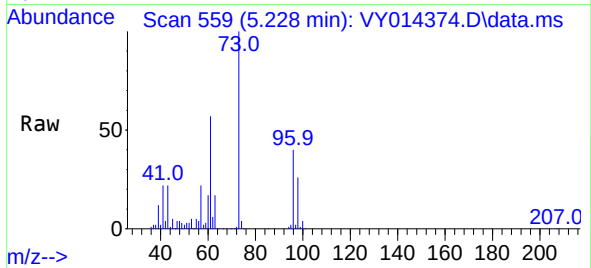




#19
Methyl tert-butyl Ether
Concen: 54.789 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

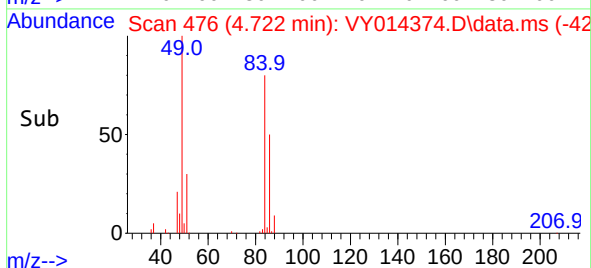
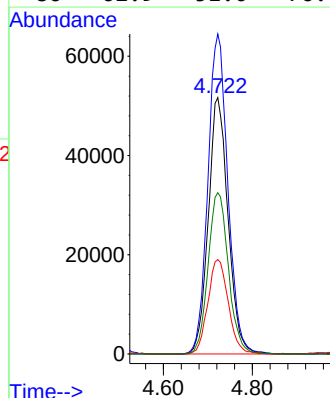
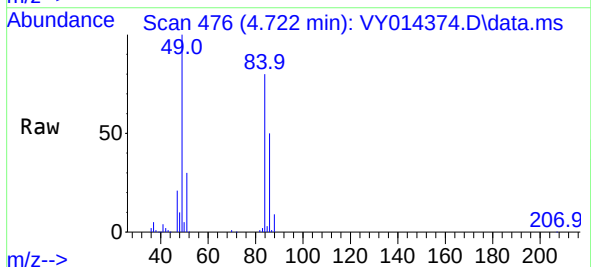
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

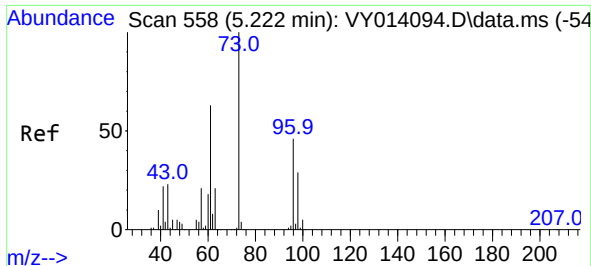
Tgt Ion: 73 Resp: 417725
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9



#20
Methylene Chloride
Concen: 52.927 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 84 Resp: 159943
Ion Ratio Lower Upper
84 100
49 124.8 106.9 160.3
51 36.8 33.2 49.8
86 62.9 51.0 76.6

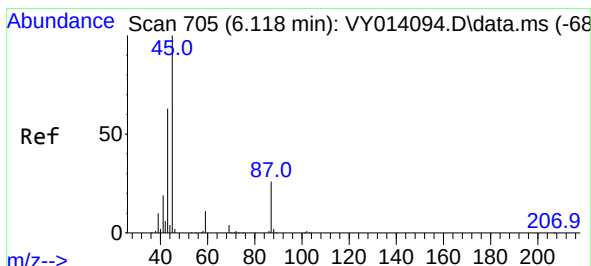
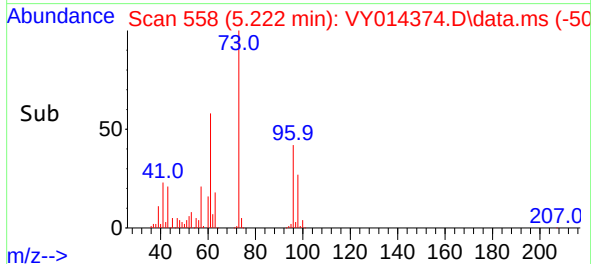
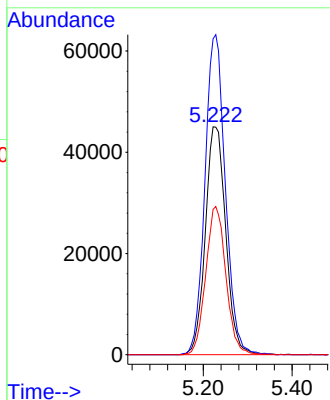
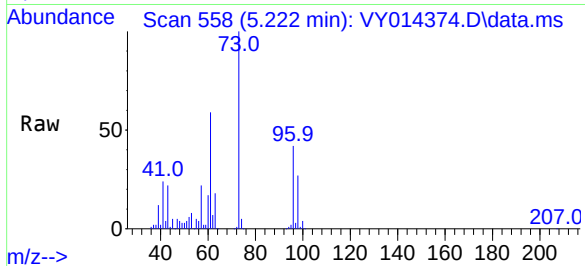




#21
trans-1,2-Dichloroethene
Concen: 50.036 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

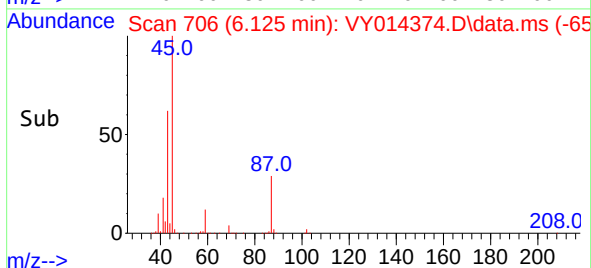
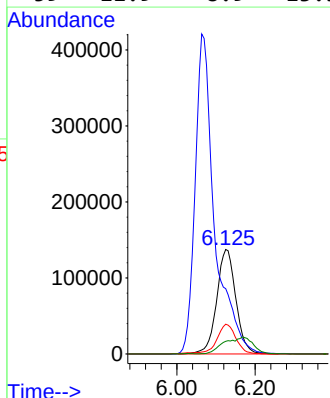
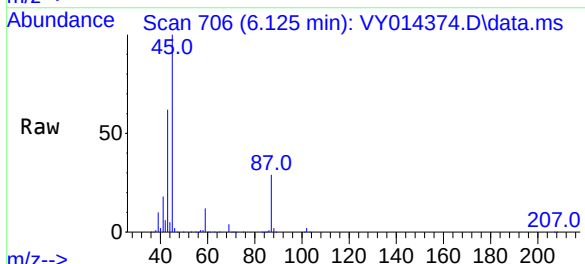
Instrument :
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ClientSampleId :
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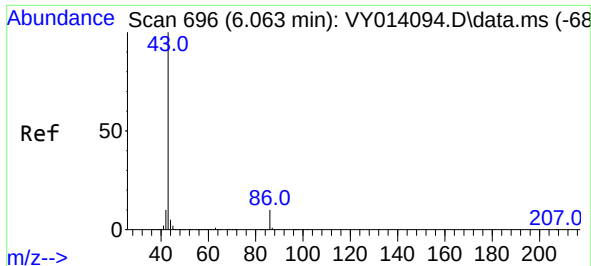
Tgt Ion: 96 Resp: 144265
Ion Ratio Lower Upper
96 100
61 138.6 110.2 165.4
98 63.8 51.8 77.6



#22
Diisopropyl ether
Concen: 52.080 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.007 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 45 Resp: 467245
Ion Ratio Lower Upper
45 100
43 62.1 52.2 78.4
87 28.5 21.0 31.6
59 11.9 8.9 13.3

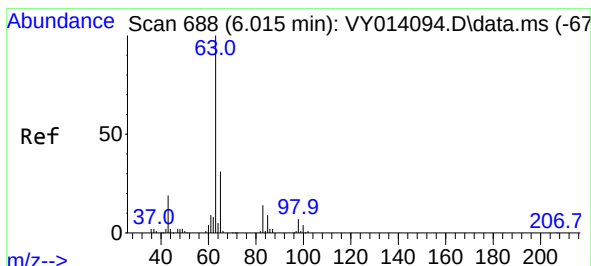
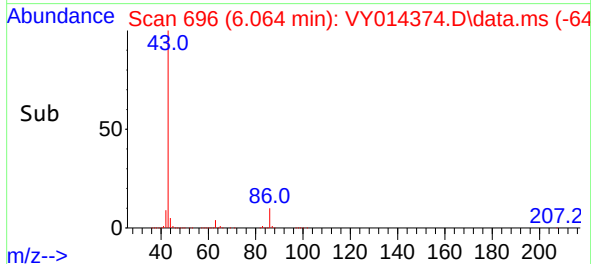
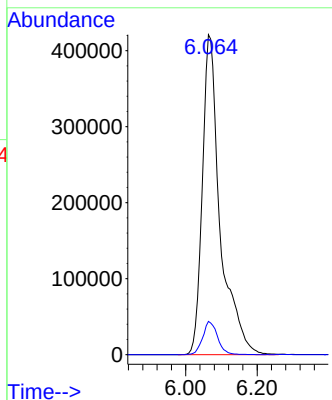
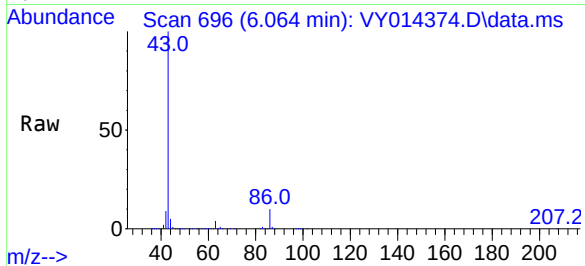




#23
 Vinyl Acetate
 Concen: 274.780 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.001 min
 Lab File: VY014374.D
 Acq: 22 Jun 2023 12:41

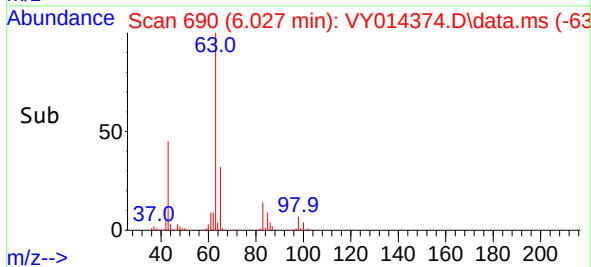
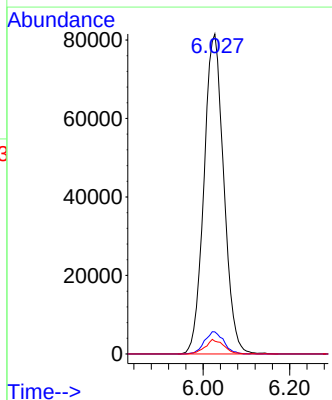
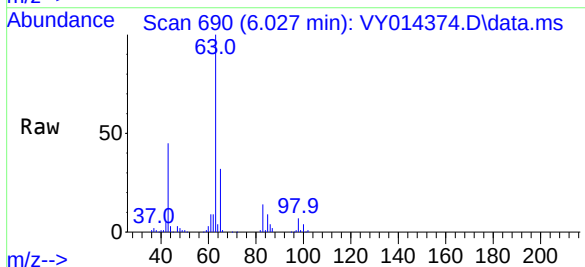
Instrument :
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 ClientSampleId :
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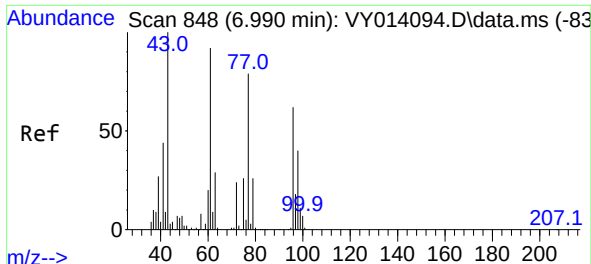
Tgt Ion: 43 Resp: 1454542
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 49.971 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY014374.D
 Acq: 22 Jun 2023 12:41

Tgt Ion: 63 Resp: 258489
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.0 1.8 5.5

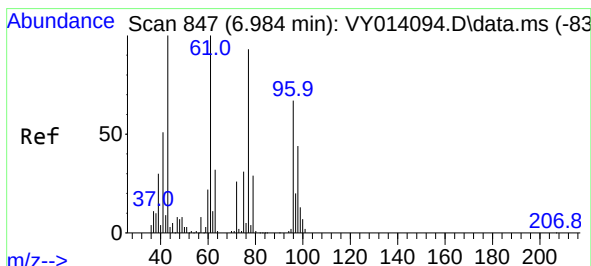
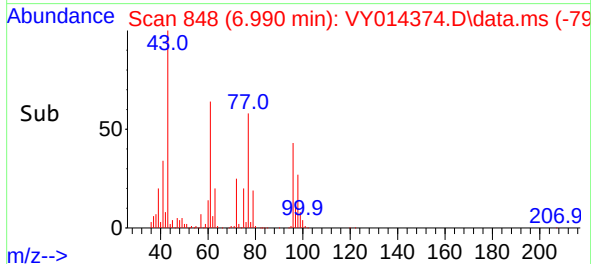
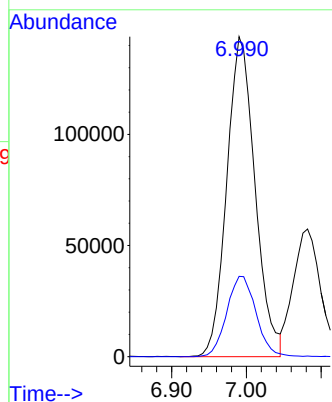
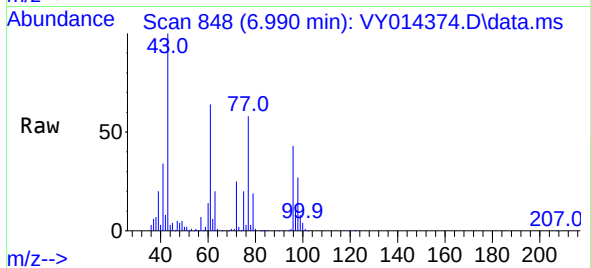




#25
2-Butanone
Concen: 323.562 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

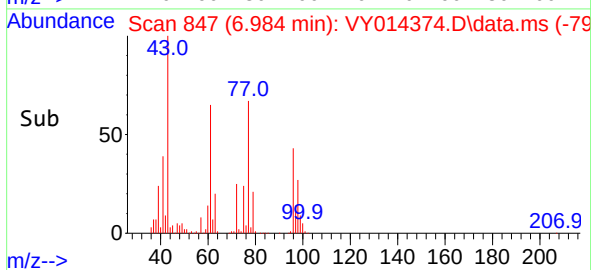
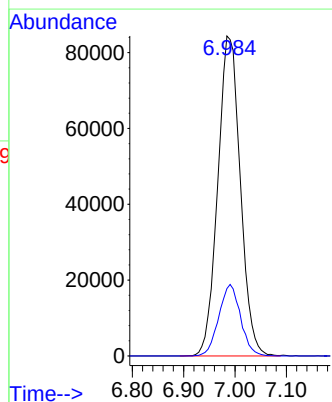
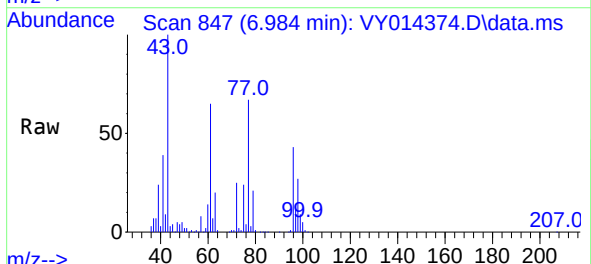
Instrument :
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ClientSampleId :
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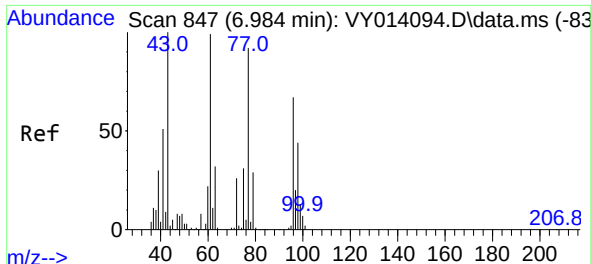
Tgt Ion: 43 Resp: 378509
Ion Ratio Lower Upper
43 100
72 25.1 20.5 30.7



#26
2,2-Dichloropropane
Concen: 52.893 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 77 Resp: 256979
Ion Ratio Lower Upper
77 100
97 21.6 10.9 32.9



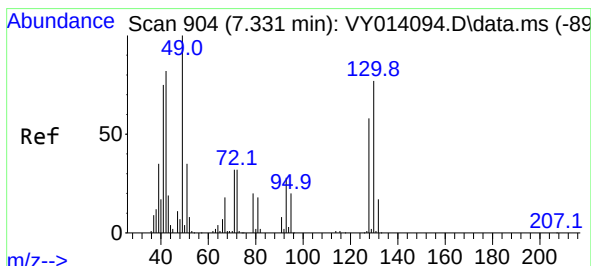
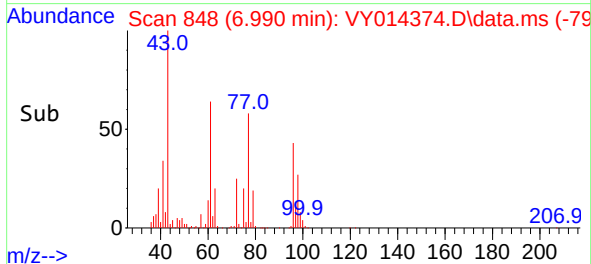
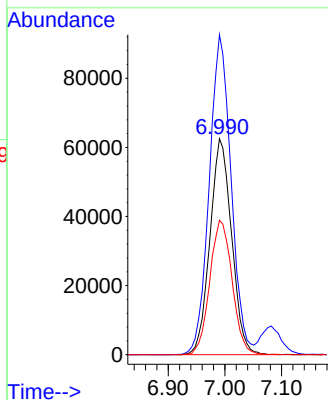
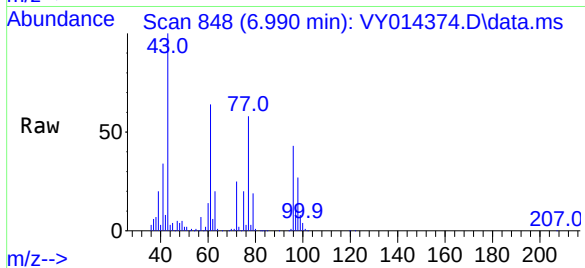


#27
 cis-1,2-Dichloroethene
 Concen: 51.511 ug/l
 RT: 6.990 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY014374.D
 Acq: 22 Jun 2023 12:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 166143

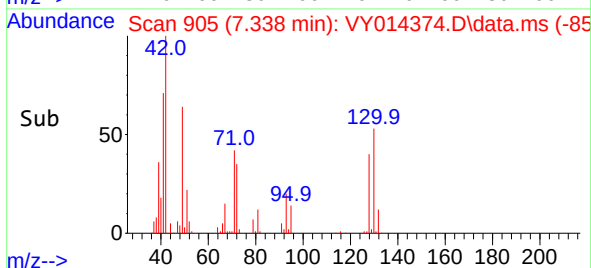
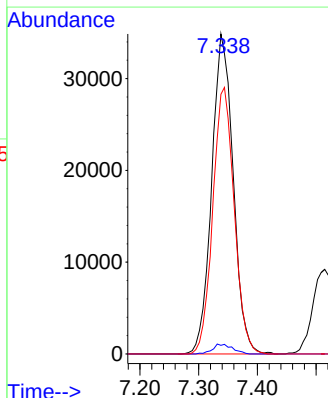
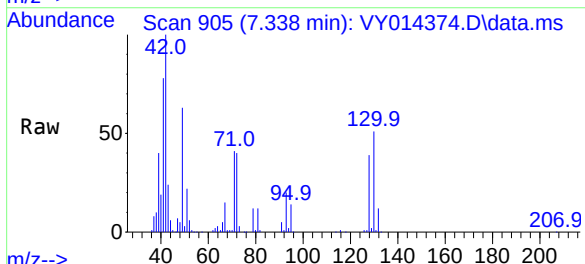
Ion	Ratio	Lower	Upper
96	100		
61	149.3	0.0	301.4
98	64.1	0.0	130.4

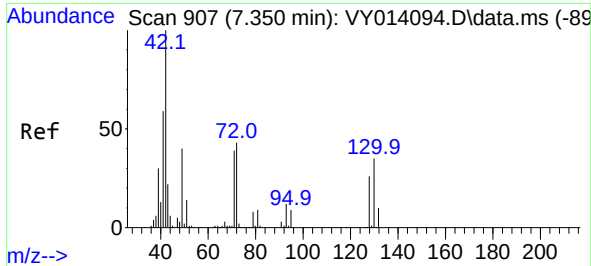


#28
 Bromochloromethane
 Concen: 42.048 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.007 min
 Lab File: VY014374.D
 Acq: 22 Jun 2023 12:41

Tgt Ion: 49 Resp: 88452

Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	4.6
130	82.9	60.7	91.1

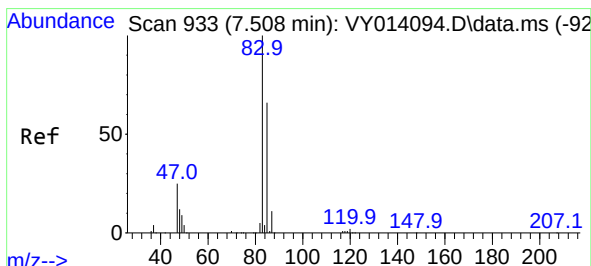
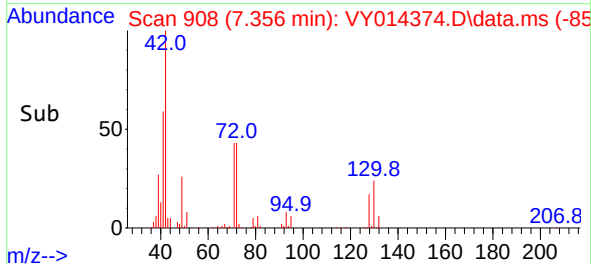
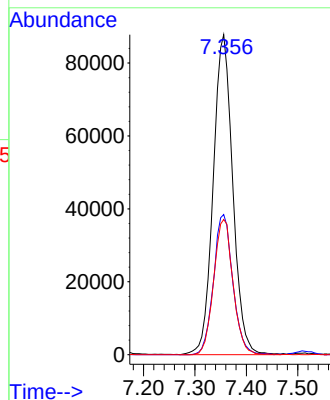
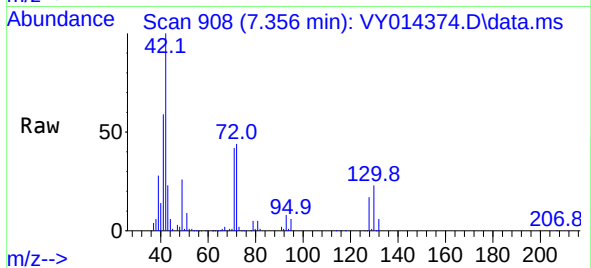




#29
Tetrahydrofuran
Concen: 312.807 ug/l
RT: 7.356 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

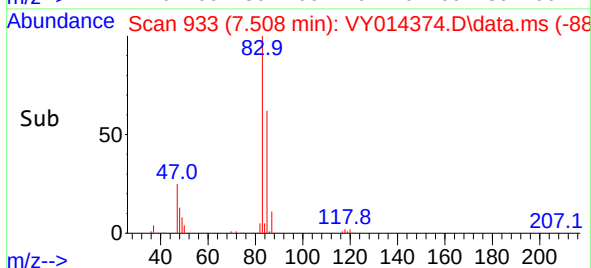
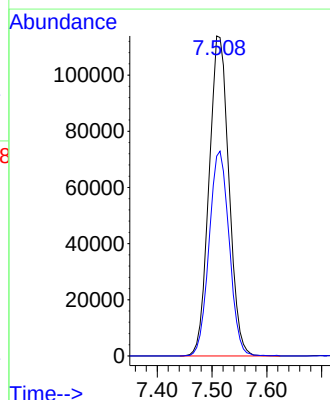
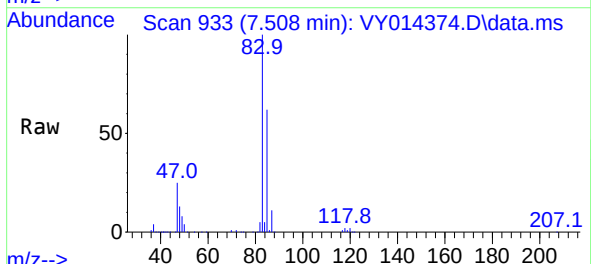
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

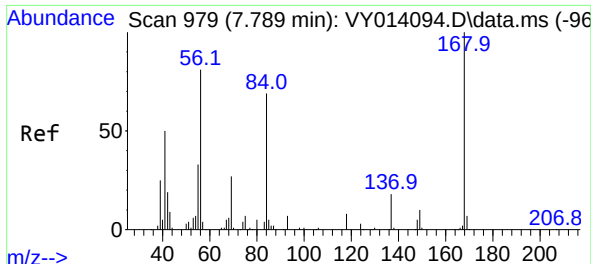
Tgt Ion: 42 Resp: 232039
Ion Ratio Lower Upper
42 100
72 43.1 32.8 49.2
71 41.8 31.0 46.4



#30
Chloroform
Concen: 52.173 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 83 Resp: 286318
Ion Ratio Lower Upper
83 100
85 62.5 49.7 74.5





#31

Cyclohexane

Concen: 50.075 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY014374.D

Acq: 22 Jun 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

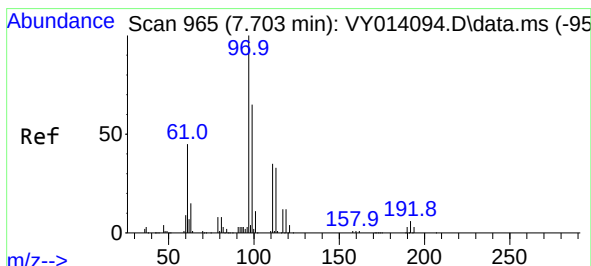
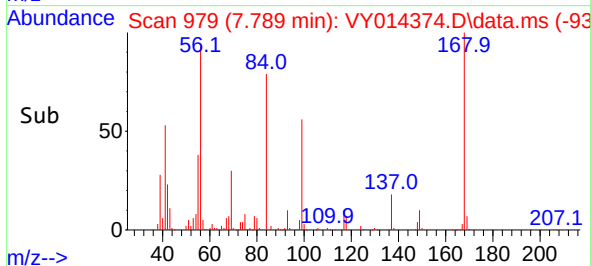
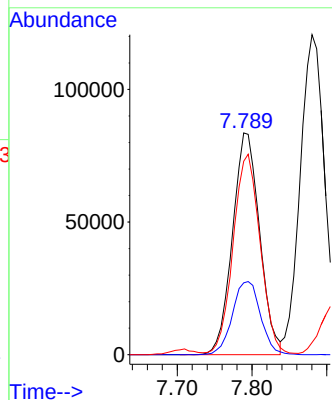
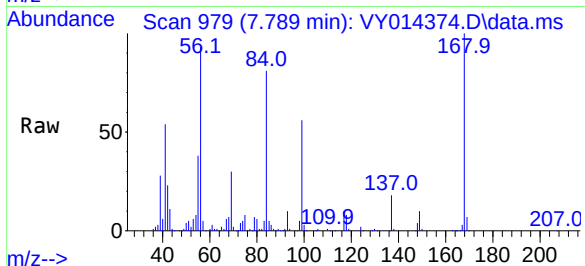
Tgt Ion: 56 Resp: 211488

Ion Ratio Lower Upper

56 100

69 32.4 27.8 41.6

84 85.1 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 53.563 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.007 min

Lab File: VY014374.D

Acq: 22 Jun 2023 12:41

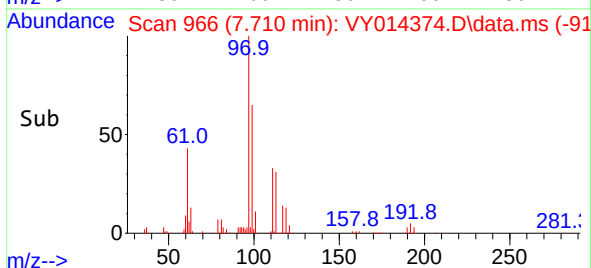
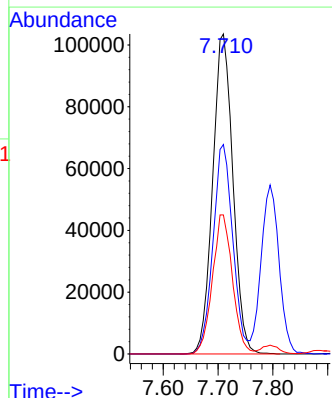
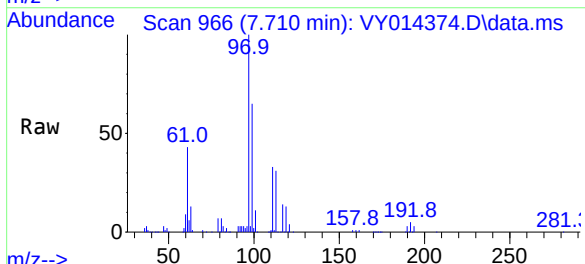
Tgt Ion: 97 Resp: 265110

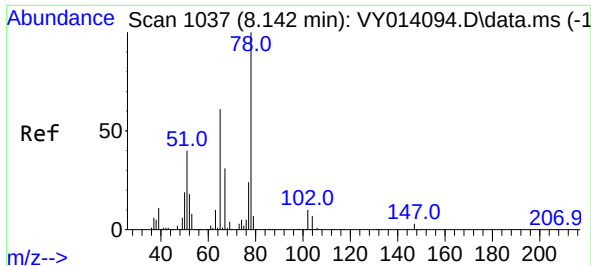
Ion Ratio Lower Upper

97 100

99 64.4 50.8 76.2

61 43.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 43.968 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VY014374.D

Acq: 22 Jun 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

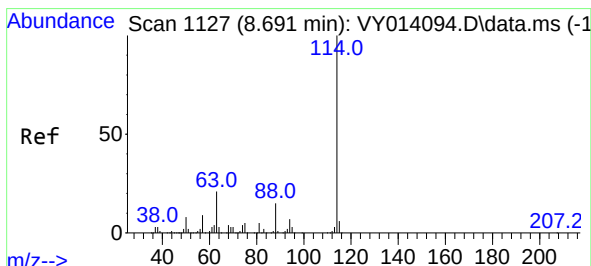
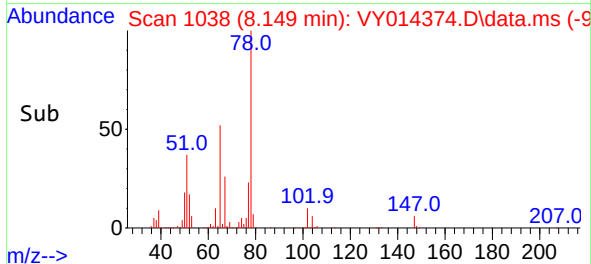
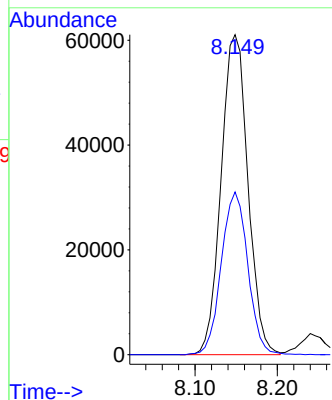
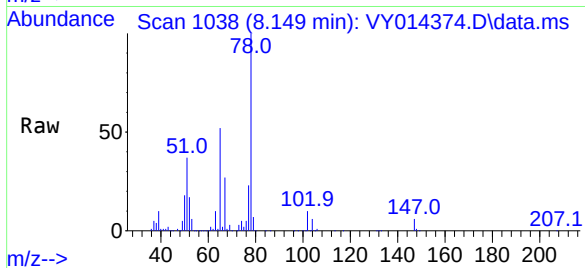
VSTDCCC050

Tgt Ion: 65 Resp: 138620

Ion Ratio Lower Upper

65 100

67 50.2 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: VY014374.D

Acq: 22 Jun 2023 12:41

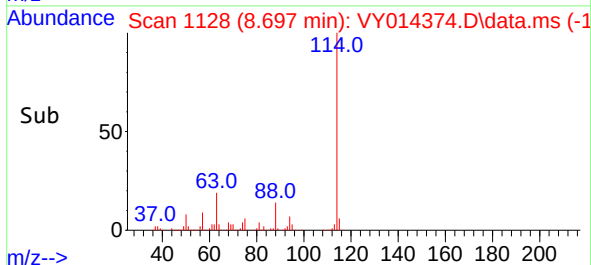
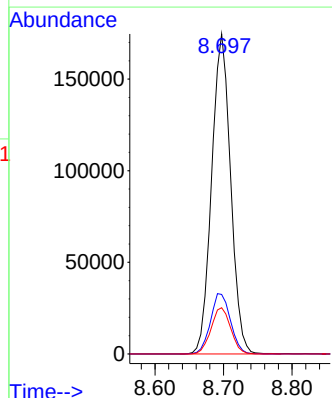
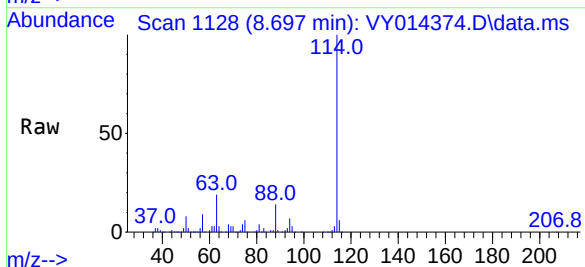
Tgt Ion: 114 Resp: 335156

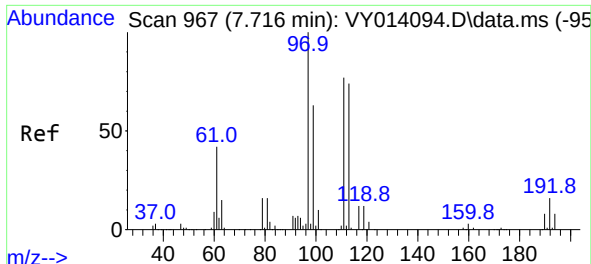
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 14.4 0.0 30.6

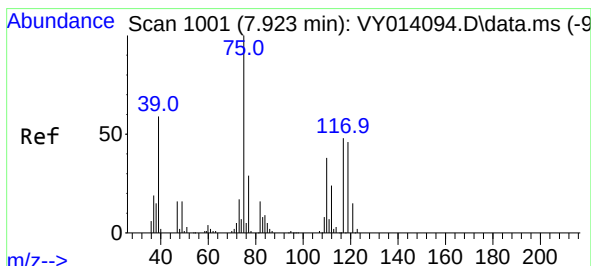
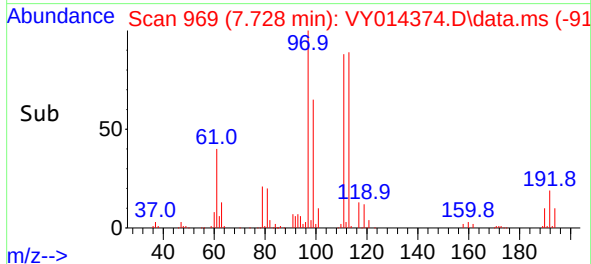
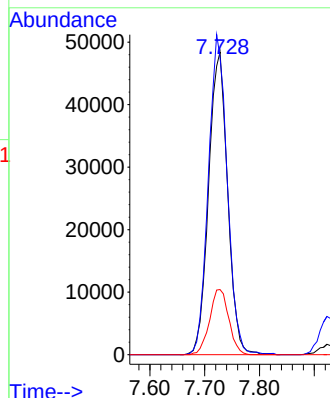
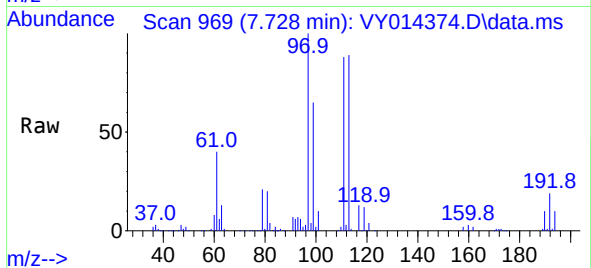




#35
Dibromofluoromethane
Concen: 48.936 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

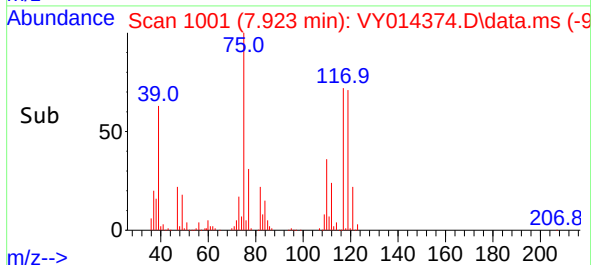
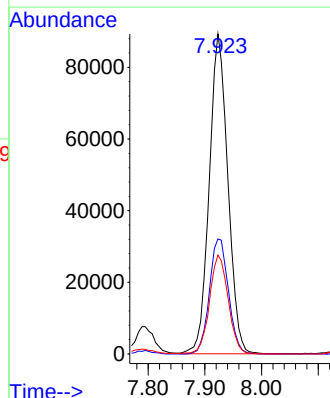
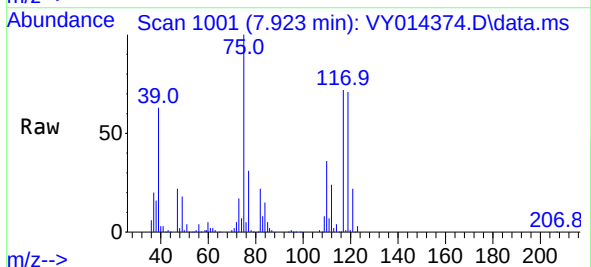
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

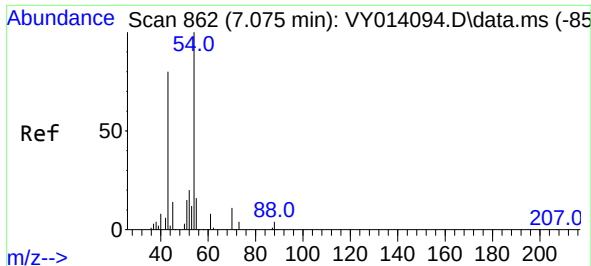
Tgt Ion:113 Resp: 116313
Ion Ratio Lower Upper
113 100
111 104.9 81.3 121.9
192 21.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 55.008 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 75 Resp: 203835
Ion Ratio Lower Upper
75 100
110 36.6 17.8 53.5
77 31.1 24.4 36.6

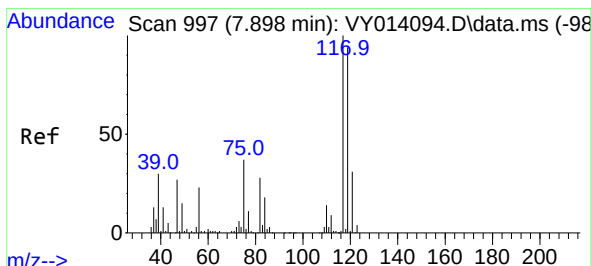
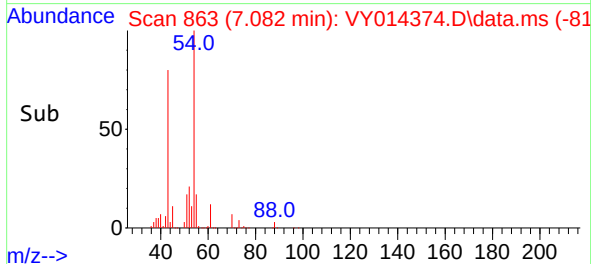
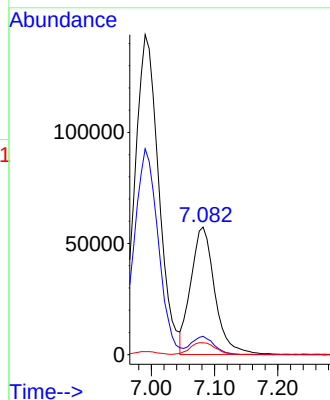
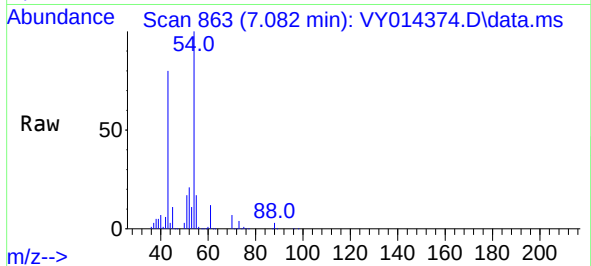




#37
Ethyl Acetate
Concen: 58.935 ug/l
RT: 7.082 min Scan# 862
Delta R.T. 0.007 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

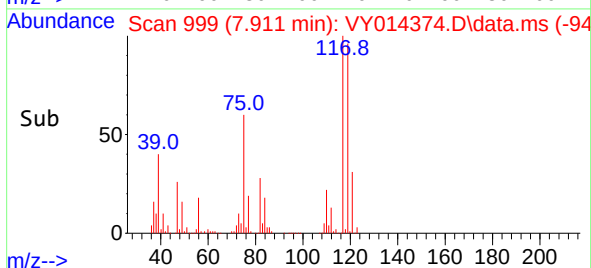
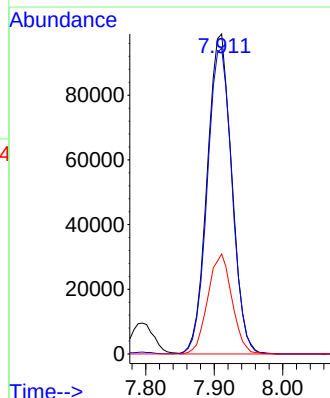
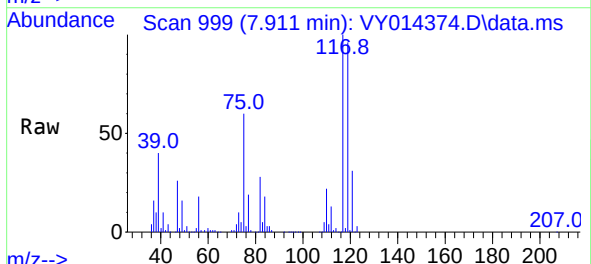
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

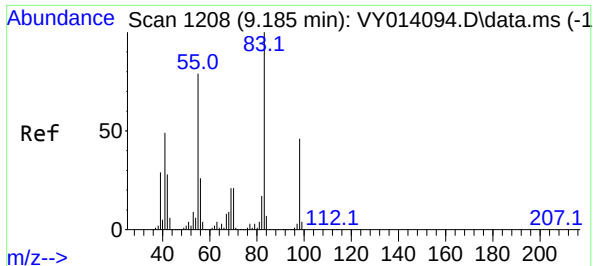
Tgt Ion: 43 Resp: 150683
Ion Ratio Lower Upper
43 100
61 13.3 10.1 15.1
70 10.2 7.1 10.7



#38
Carbon Tetrachloride
Concen: 57.685 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.013 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 117 Resp: 246669
Ion Ratio Lower Upper
117 100
119 95.5 76.4 114.6
121 31.2 25.8 38.6





#39

Methylcyclohexane

Concen: 57.619 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014374.D

Acq: 22 Jun 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

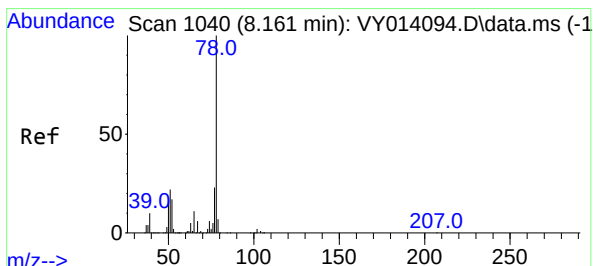
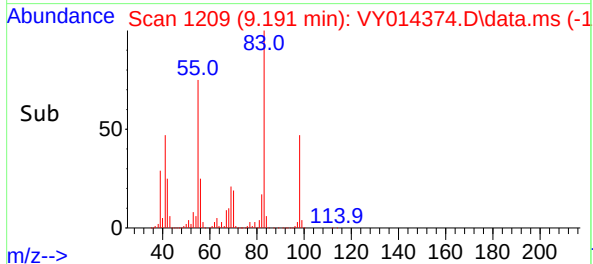
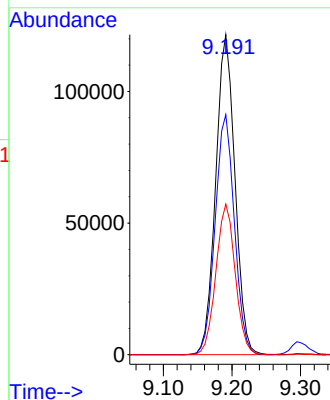
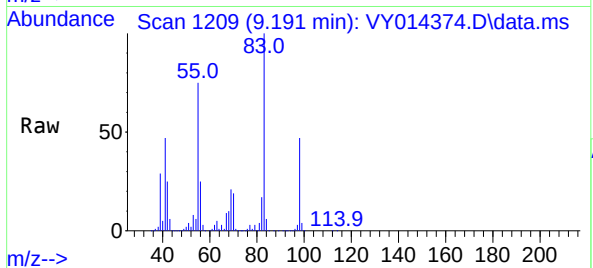
Tgt Ion: 83 Resp: 236891

Ion Ratio Lower Upper

83 100

55 75.0 63.0 94.4

98 47.0 37.4 56.2



#40

Benzene

Concen: 53.341 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY014374.D

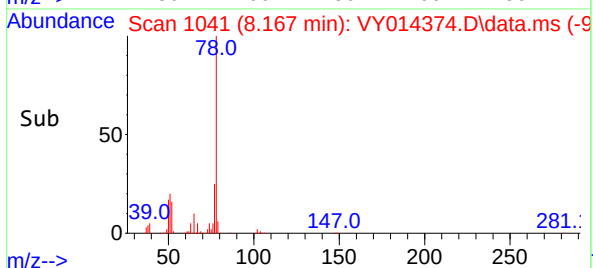
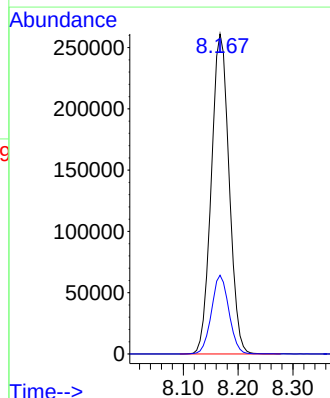
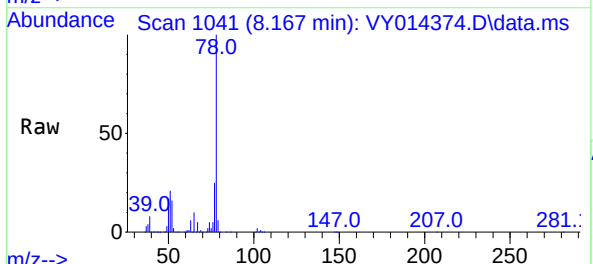
Acq: 22 Jun 2023 12:41

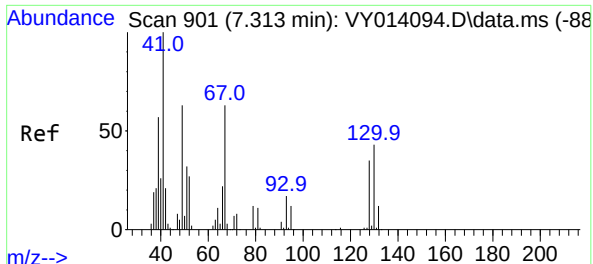
Tgt Ion: 78 Resp: 587751

Ion Ratio Lower Upper

78 100

77 24.6 19.0 28.6

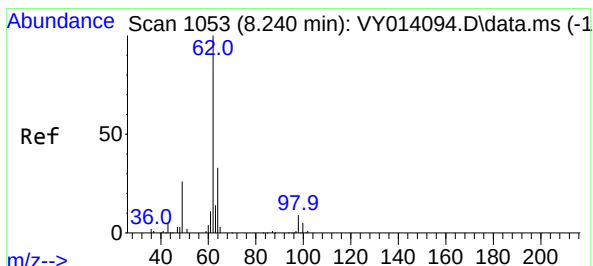
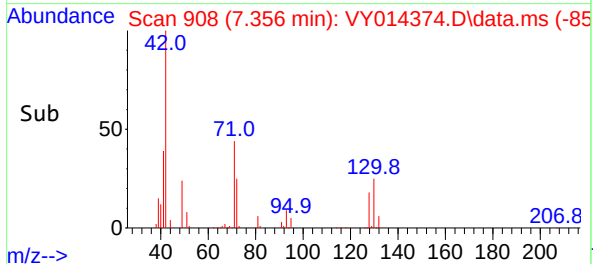
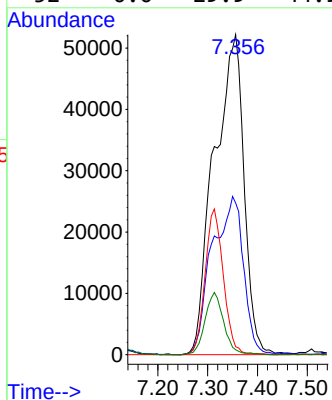
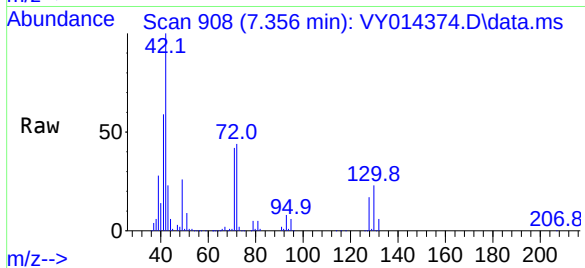




#41
Methacrylonitrile
Concen: 165.986 ug/l
RT: 7.356 min Scan# 901
Delta R.T. 0.043 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

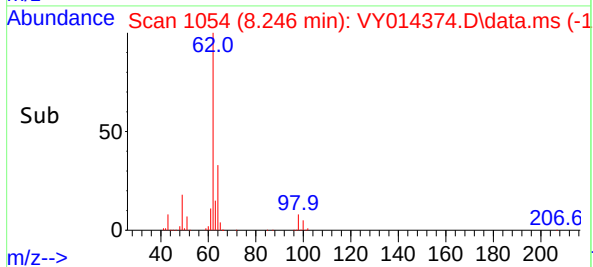
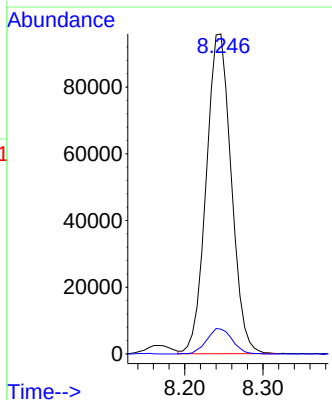
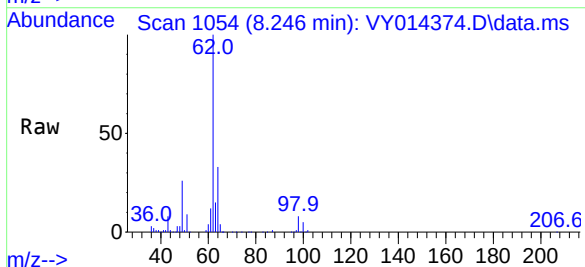
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

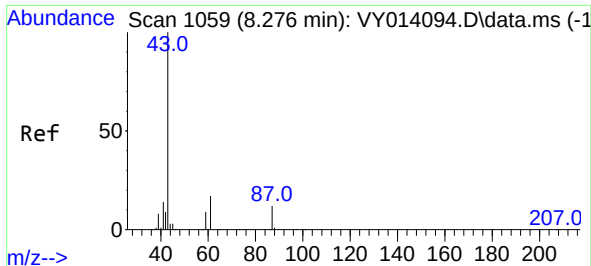
Tgt Ion: 41 Resp: 216587
Ion Ratio Lower Upper
41 100
39 51.9 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 54.635 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 62 Resp: 212885
Ion Ratio Lower Upper
62 100
98 8.1 0.0 15.8

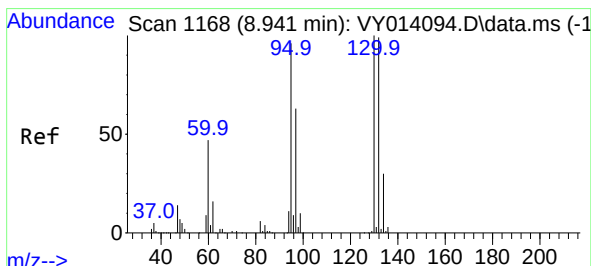
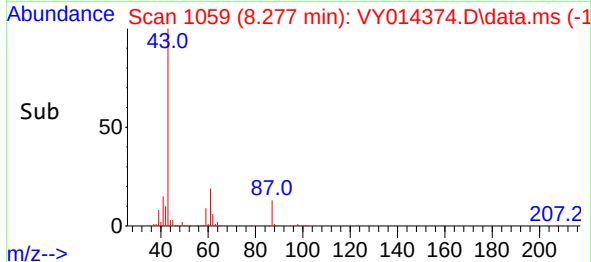
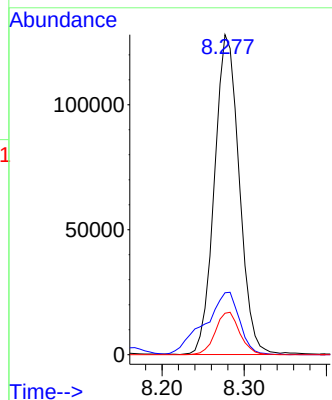
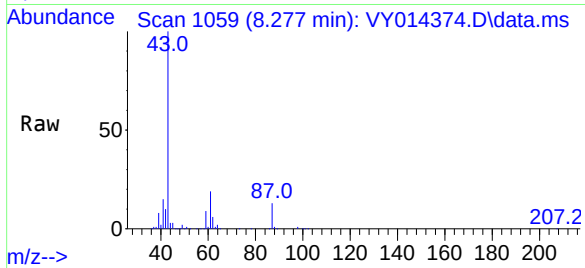




#43
Isopropyl Acetate
Concen: 59.820 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.001 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

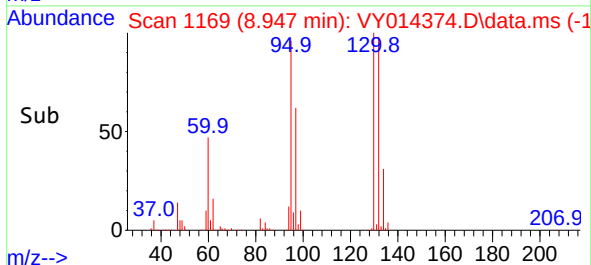
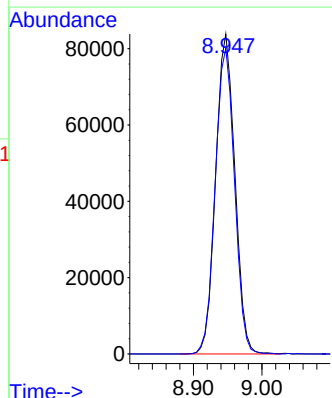
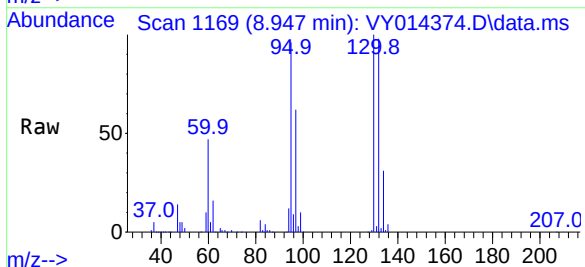
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

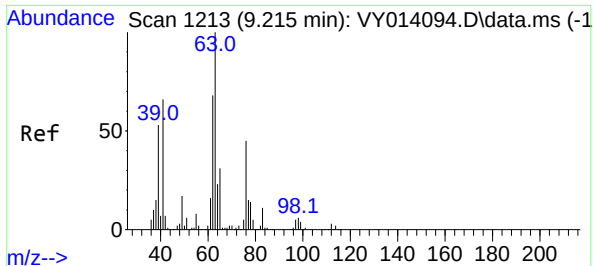
Tgt Ion: 43 Resp: 268066
Ion Ratio Lower Upper
43 100
61 27.5 21.1 31.7
87 13.0 9.8 14.8



#44
Trichloroethene
Concen: 55.432 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion:130 Resp: 163188
Ion Ratio Lower Upper
130 100
95 95.6 0.0 196.0

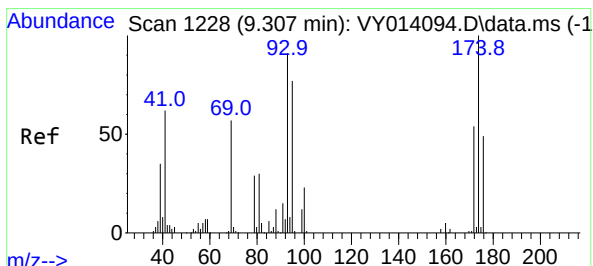
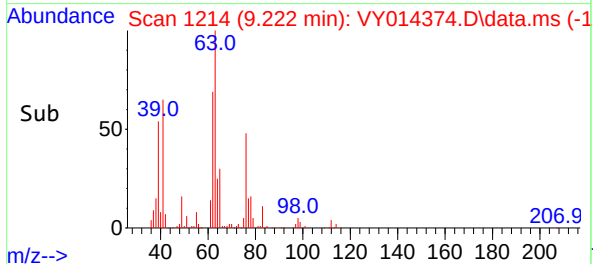
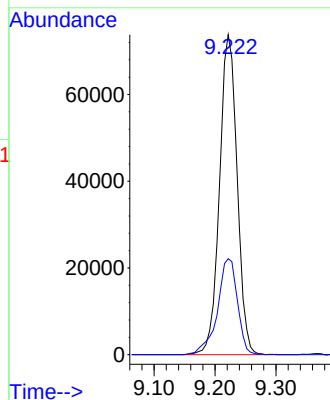
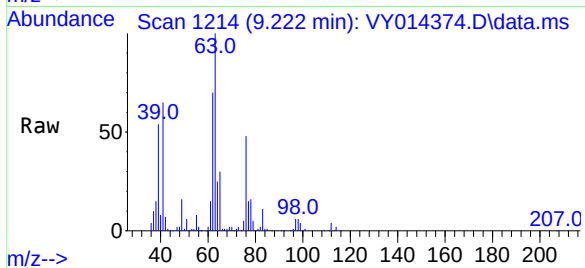




#45
1,2-Dichloropropane
Concen: 52.958 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

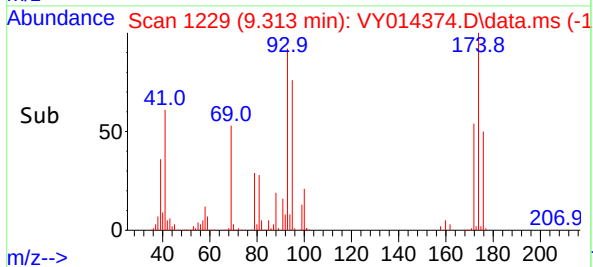
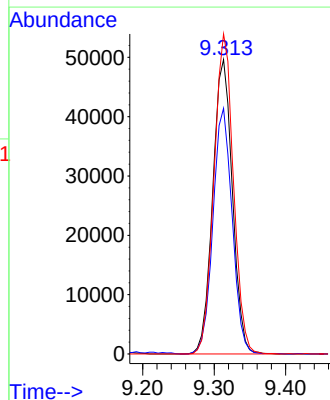
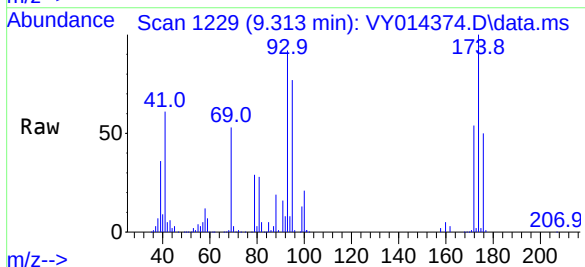
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

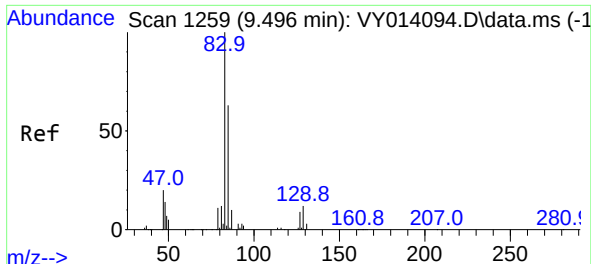
Tgt Ion: 63 Resp: 148217
Ion Ratio Lower Upper
63 100
65 30.0 23.8 35.6



#46
Dibromomethane
Concen: 54.918 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 93 Resp: 94613
Ion Ratio Lower Upper
93 100
95 81.6 66.6 100.0
174 107.9 84.8 127.2

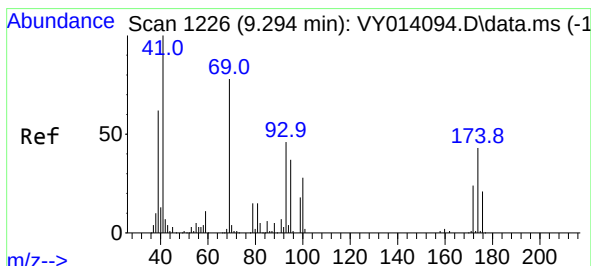
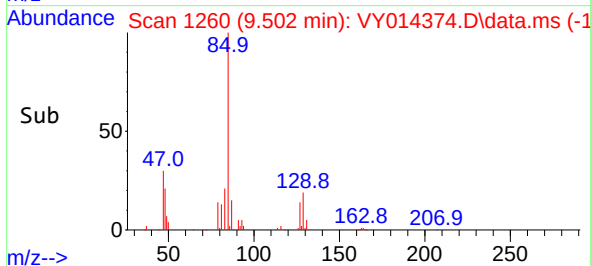
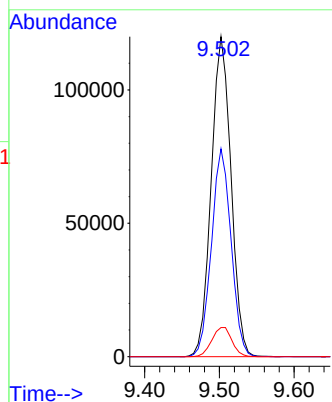
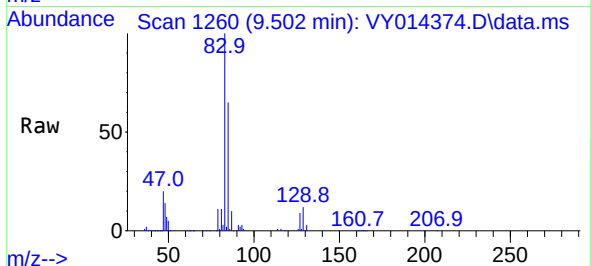




#47
Bromodichloromethane
Concen: 54.636 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

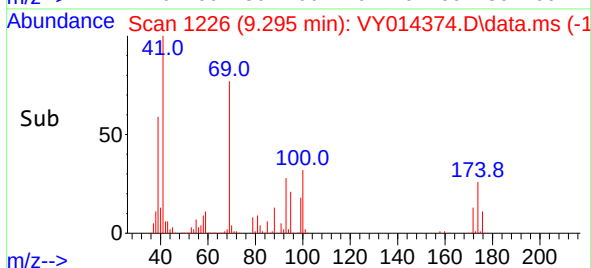
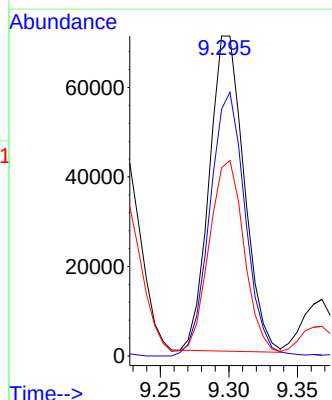
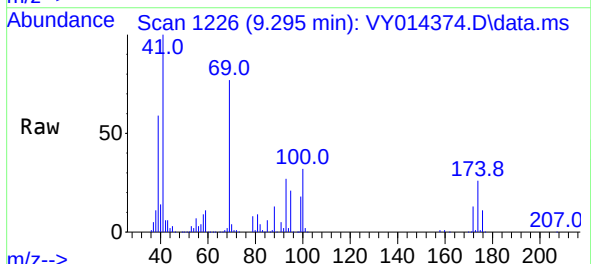
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

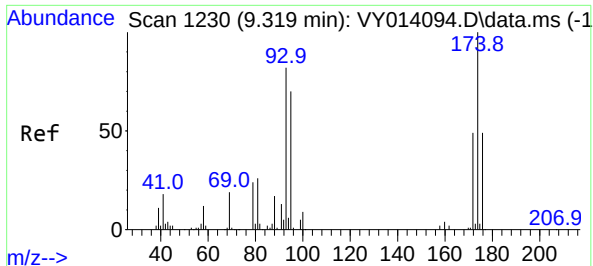
Tgt Ion: 83 Resp: 220393
Ion Ratio Lower Upper
83 100
85 65.0 50.1 75.1
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 59.635 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 41 Resp: 124644
Ion Ratio Lower Upper
41 100
69 84.8 64.5 96.7
39 60.6 50.8 76.2

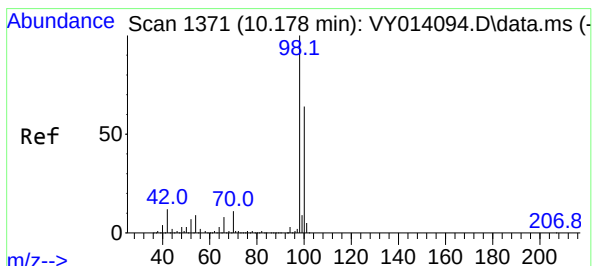
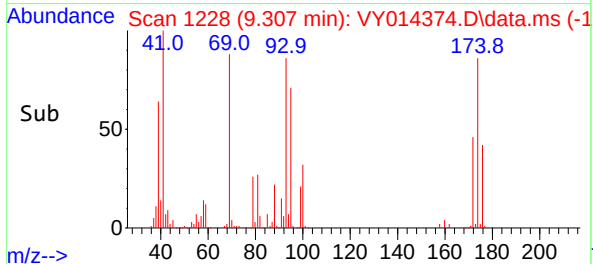
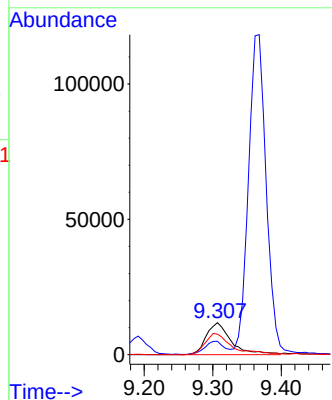
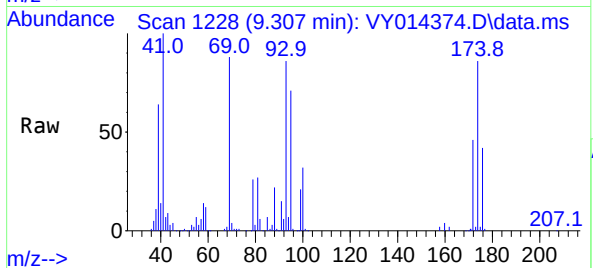




#49
1,4-Dioxane
Concen: 1367.148 ug/l
RT: 9.307 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

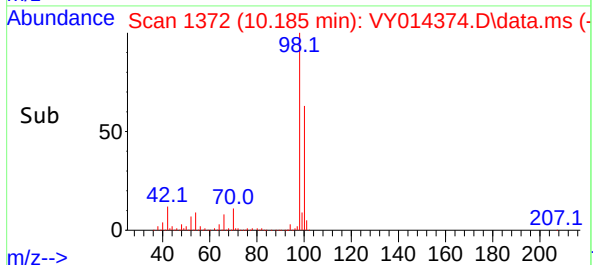
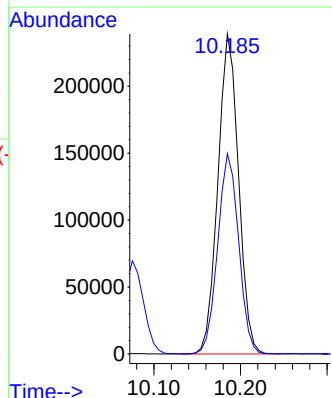
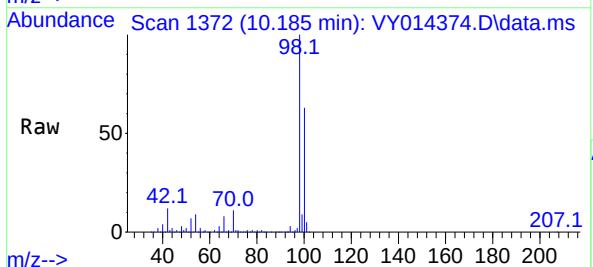
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

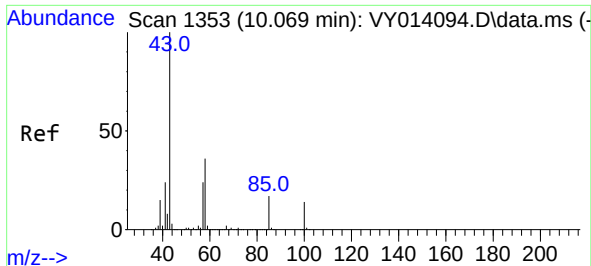
Tgt Ion: 88 Resp: 29928
Ion Ratio Lower Upper
88 100
43 32.2 0.0 0.0#
58 72.0 30.9 46.3#



#50
Toluene-d8
Concen: 44.546 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 98 Resp: 395839
Ion Ratio Lower Upper
98 100
100 63.5 50.1 75.1

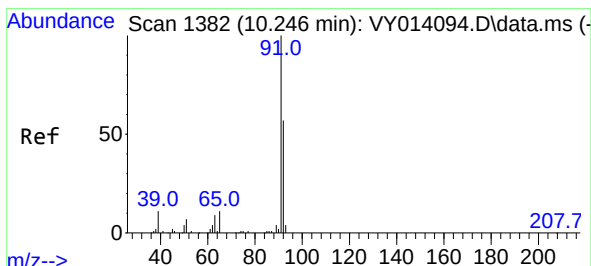
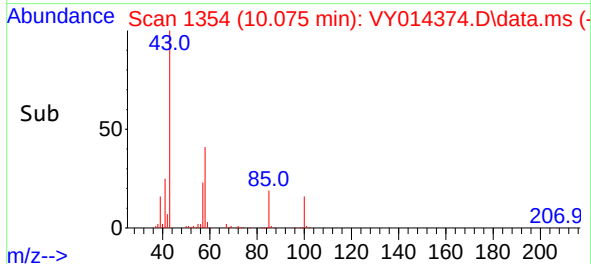
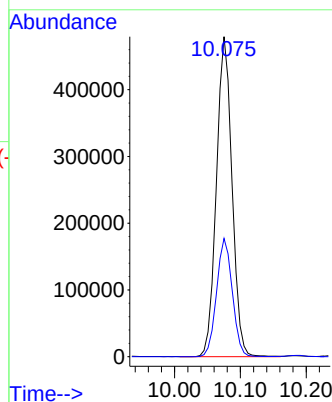
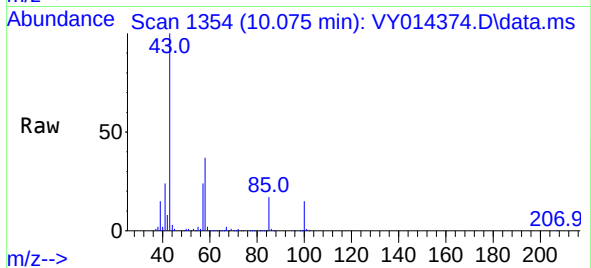




#51
4-Methyl-2-Pentanone
Concen: 325.166 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

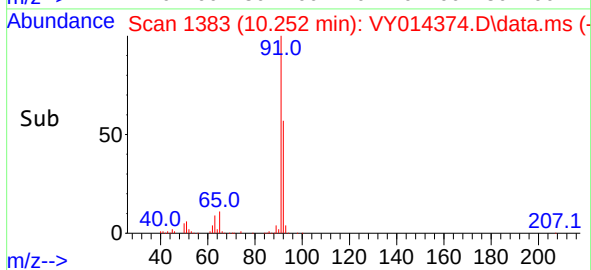
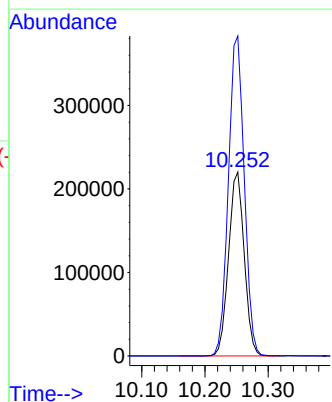
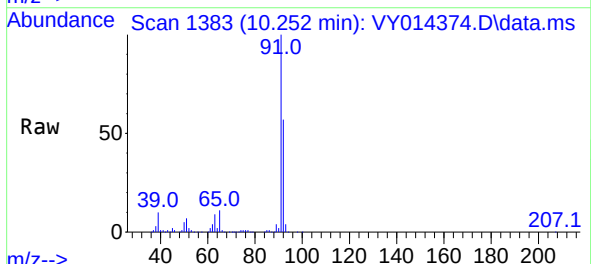
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

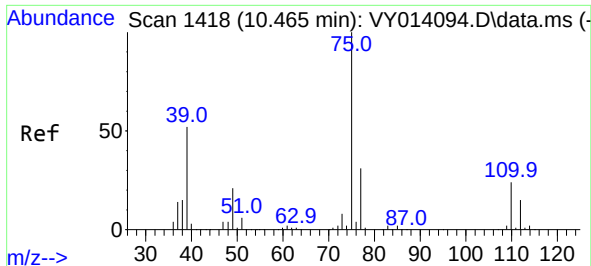
Tgt Ion: 43 Resp: 791643
Ion Ratio Lower Upper
43 100
58 37.2 29.0 43.6



#52
Toluene
Concen: 55.346 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 92 Resp: 378046
Ion Ratio Lower Upper
92 100
91 176.4 143.8 215.6

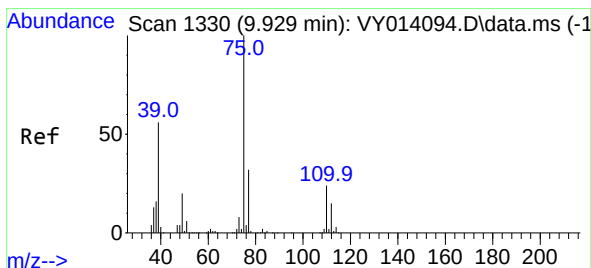
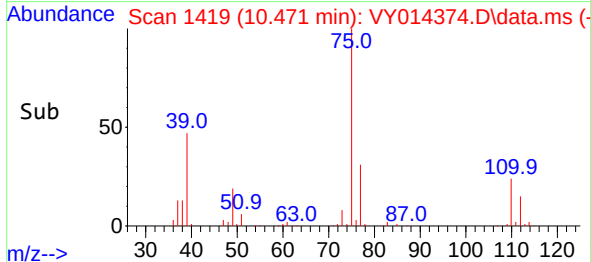
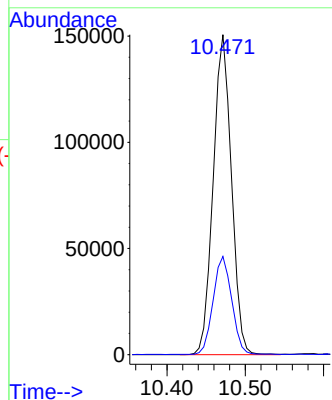
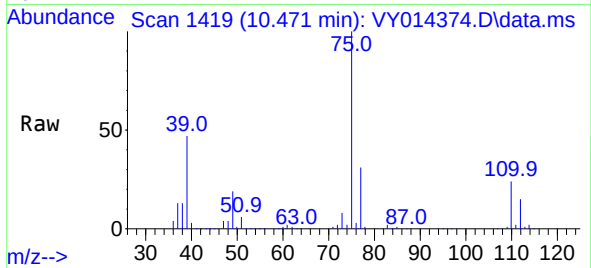




#53
t-1,3-Dichloropropene
Concen: 57.424 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

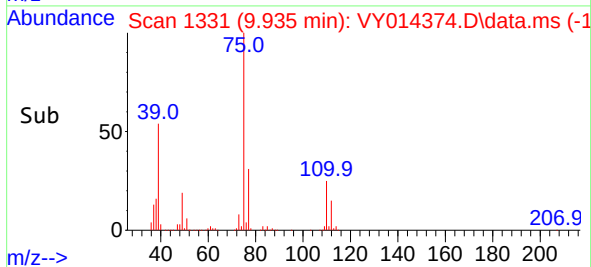
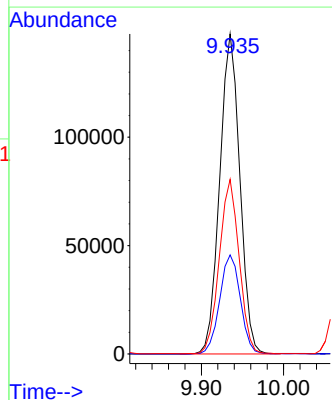
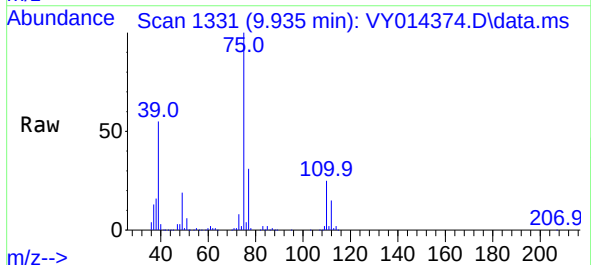
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

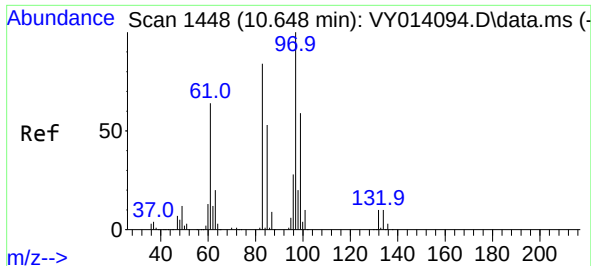
Tgt Ion: 75 Resp: 243849
Ion Ratio Lower Upper
75 100
77 30.6 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 54.176 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 75 Resp: 251004
Ion Ratio Lower Upper
75 100
77 30.9 24.2 36.4
39 54.5 42.2 63.4



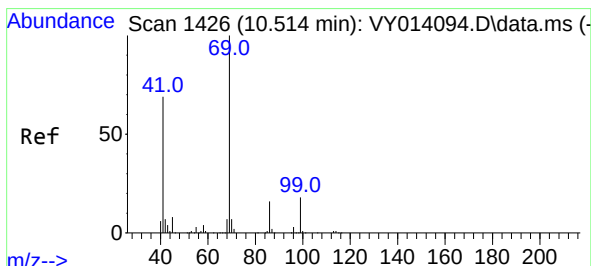
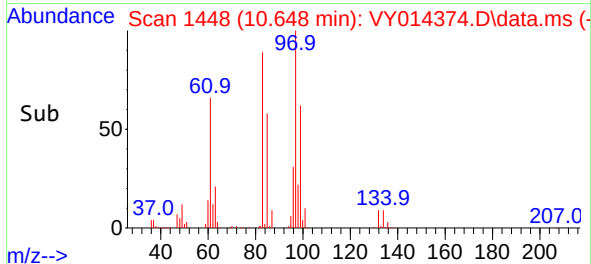
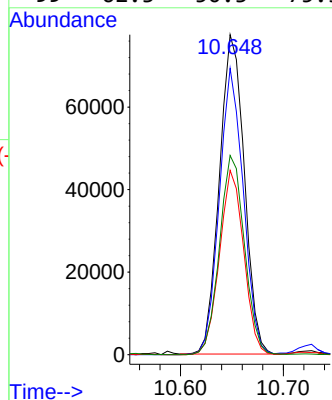
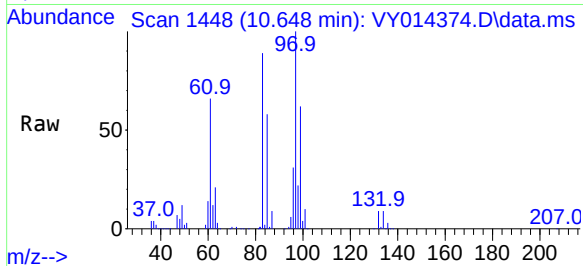


#55
1,1,2-Trichloroethane
Concen: 57.013 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 130278

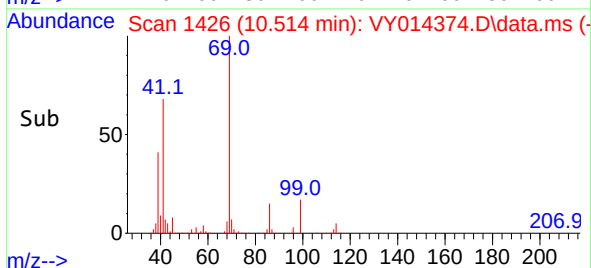
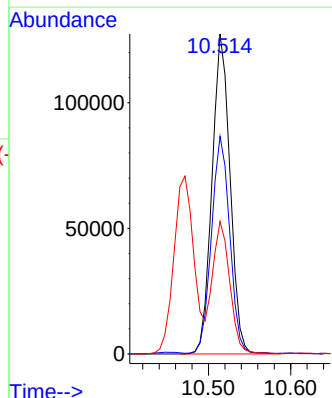
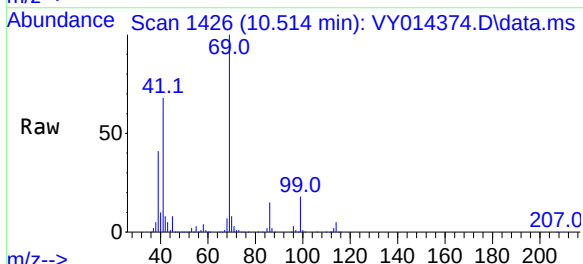
Ion	Ratio	Lower	Upper
97	100		
83	89.6	72.0	108.0
85	57.7	45.4	68.0
99	62.3	50.3	75.5

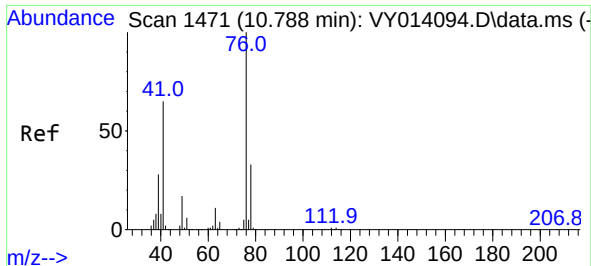


#56
Ethyl methacrylate
Concen: 61.548 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 69 Resp: 193988

Ion	Ratio	Lower	Upper
69	100		
41	68.7	57.6	86.4
39	39.4	34.1	51.1





#57

1,3-Dichloropropane

Concen: 56.321 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY014374.D

Acq: 22 Jun 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

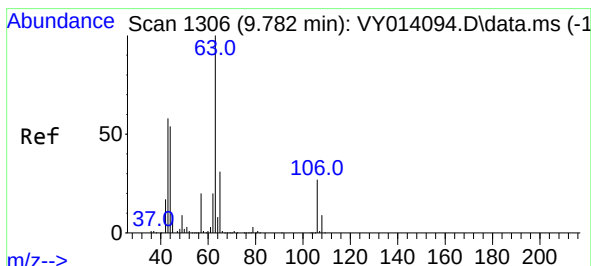
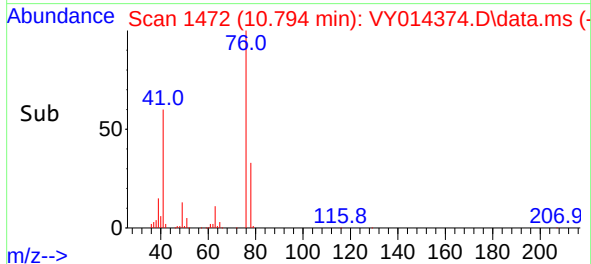
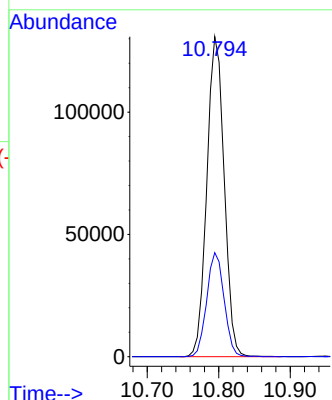
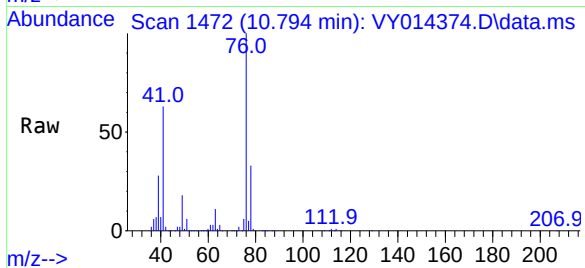
VSTDCCC050

Tgt Ion: 76 Resp: 220112

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 271.257 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.007 min

Lab File: VY014374.D

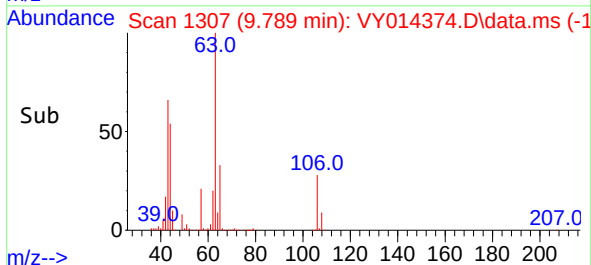
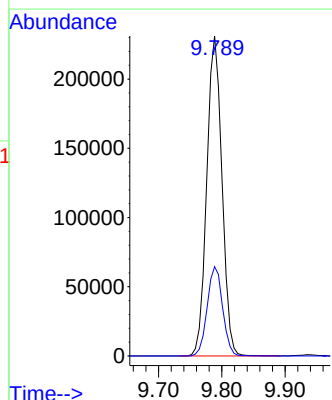
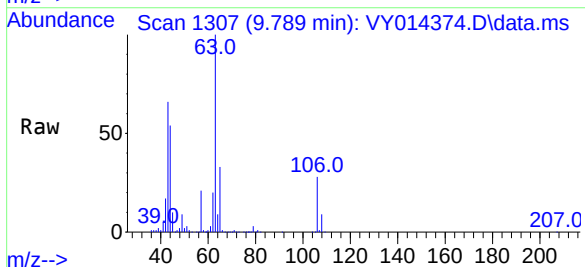
Acq: 22 Jun 2023 12:41

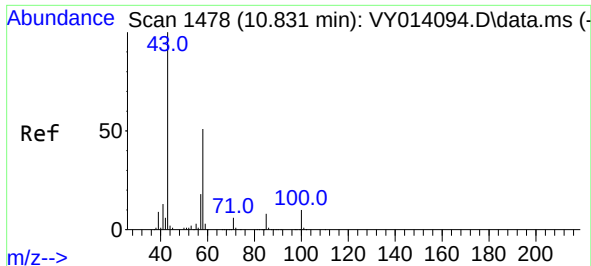
Tgt Ion: 63 Resp: 385903

Ion Ratio Lower Upper

63 100

106 28.3 21.2 31.8

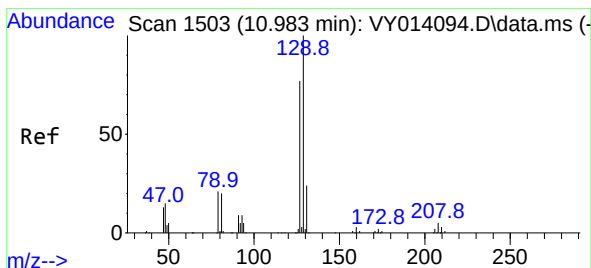
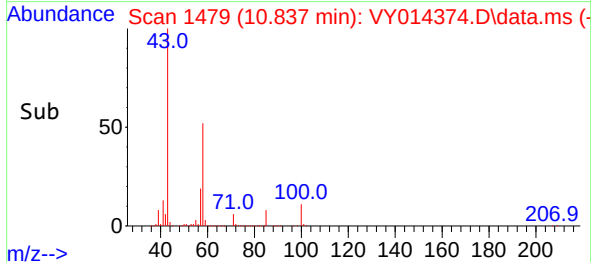
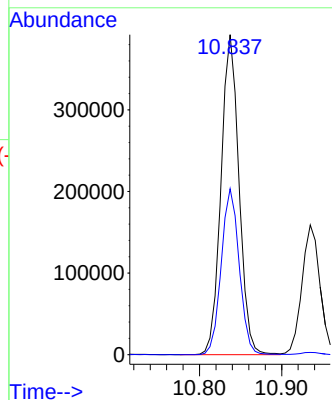
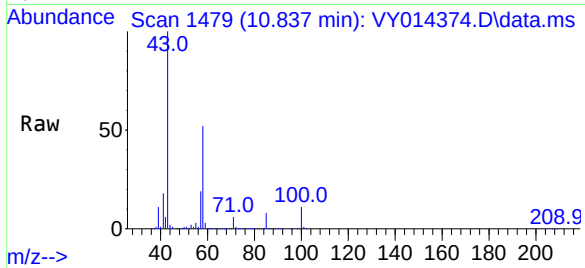




#59
2-Hexanone
Concen: 338.800 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

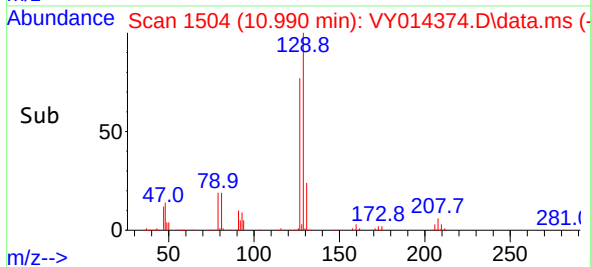
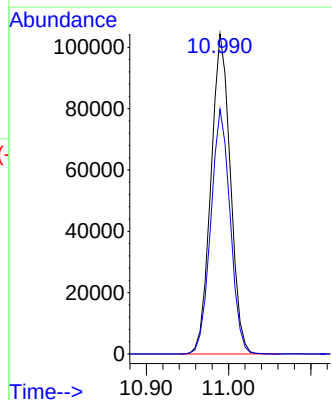
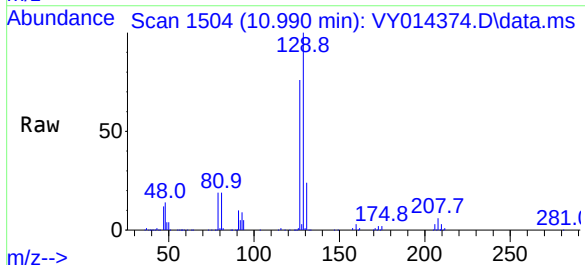
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

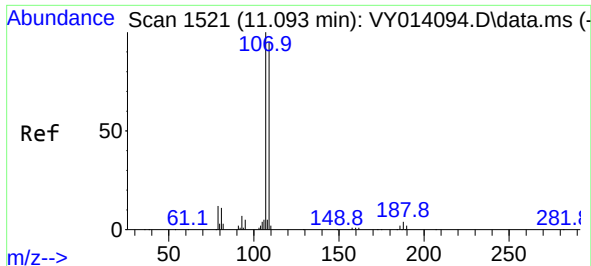
Tgt Ion: 43 Resp: 595746
Ion Ratio Lower Upper
43 100
58 51.9 25.1 75.3



#60
Dibromochloromethane
Concen: 58.538 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 129 Resp: 171204
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5

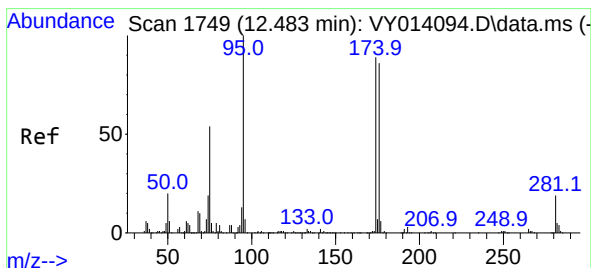
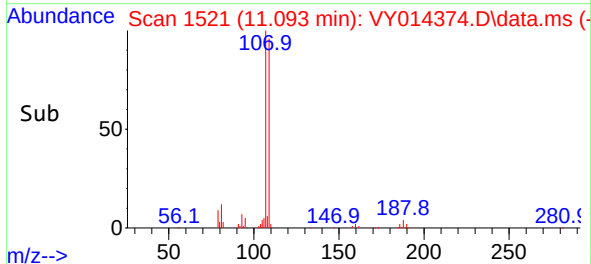
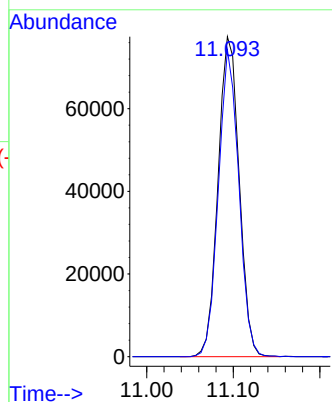
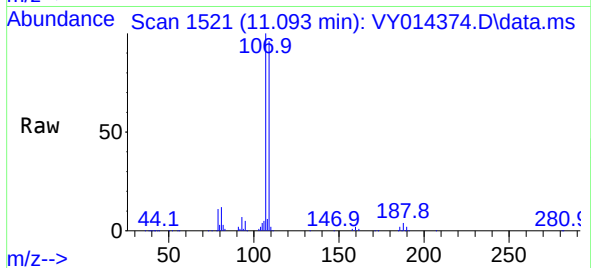




#61
1,2-Dibromoethane
Concen: 58.082 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

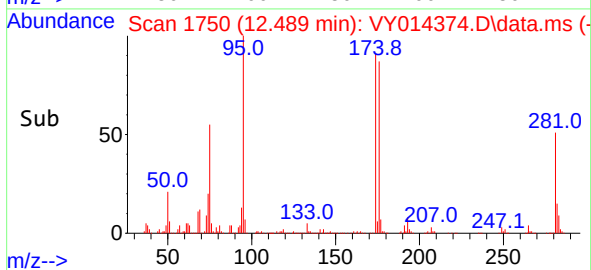
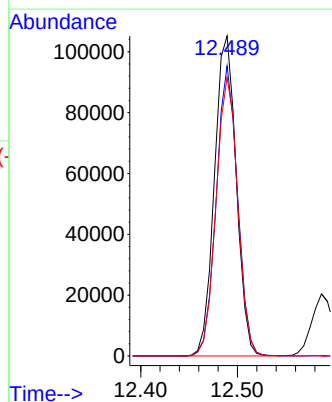
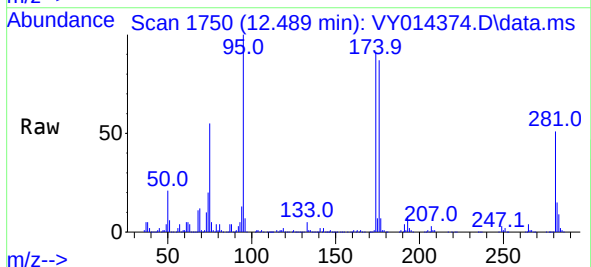
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

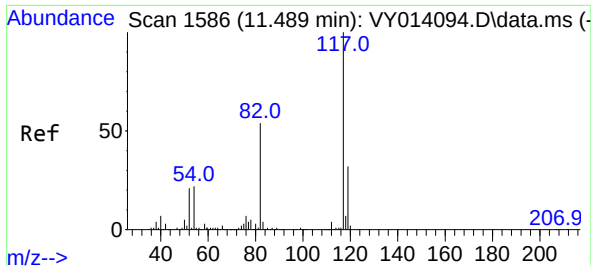
Tgt Ion:107 Resp: 130986
Ion Ratio Lower Upper
107 100
109 92.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.138 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 95 Resp: 164578
Ion Ratio Lower Upper
95 100
174 88.2 0.0 178.2
176 86.4 0.0 173.8

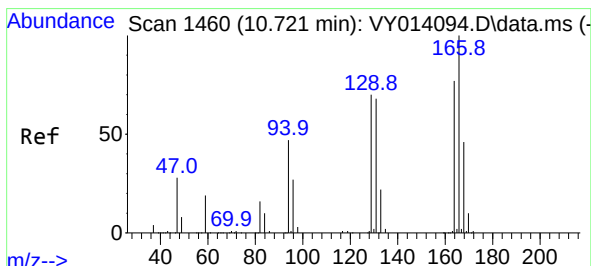
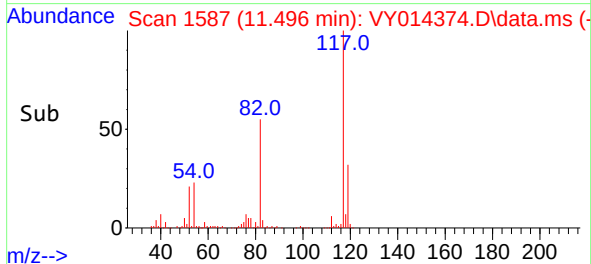
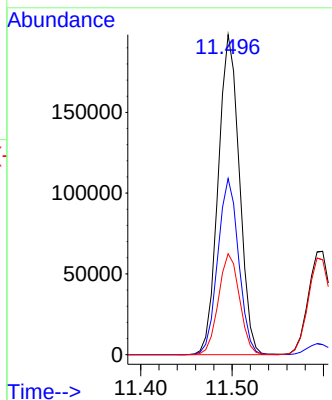
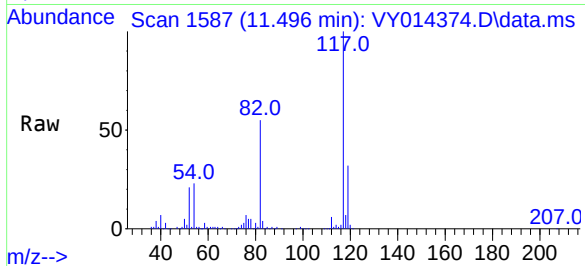




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

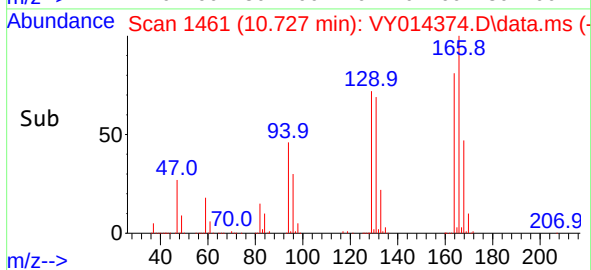
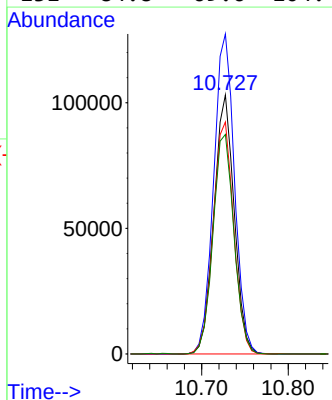
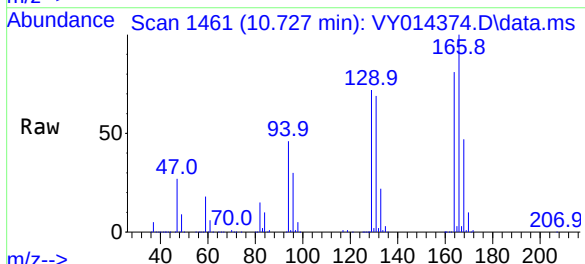
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

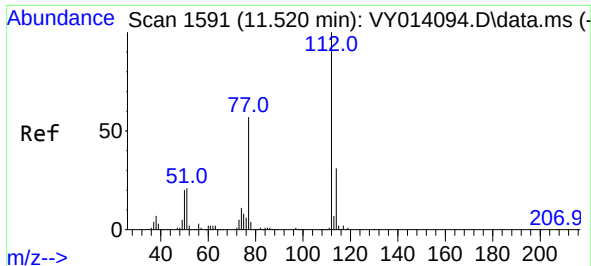
Tgt Ion:117 Resp: 319091
Ion Ratio Lower Upper
117 100
82 55.1 43.4 65.0
119 31.5 26.3 39.5



#64
Tetrachloroethene
Concen: 61.938 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion:164 Resp: 168461
Ion Ratio Lower Upper
164 100
166 123.6 103.0 154.6
129 89.6 77.2 115.8
131 84.8 69.6 104.4

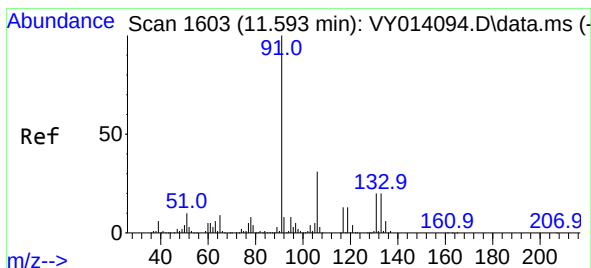
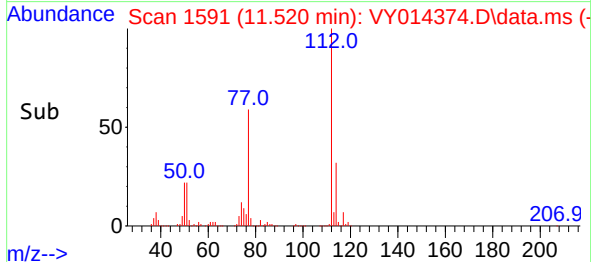
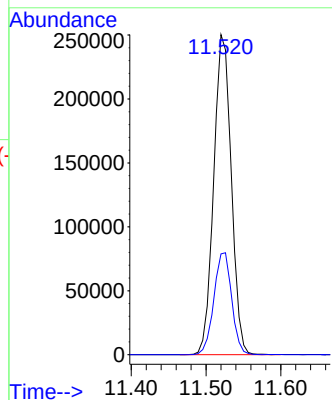
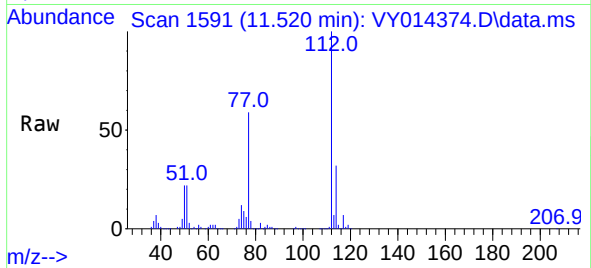




#65
Chlorobenzene
Concen: 53.268 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

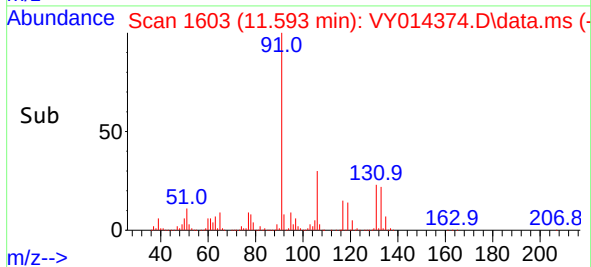
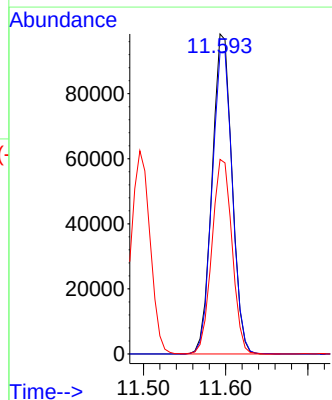
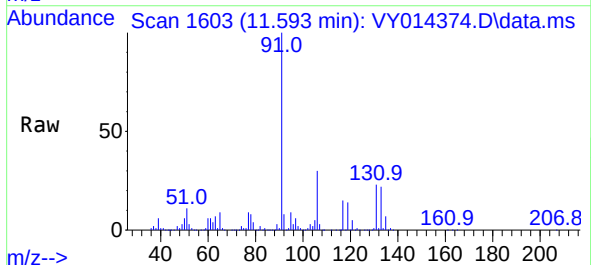
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

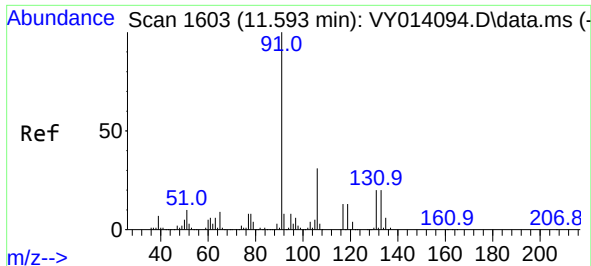
Tgt Ion:112 Resp: 408423
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 54.807 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion:131 Resp: 165283
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.6
119 61.7 31.6 94.7





#67

Ethyl Benzene

Concen: 55.545 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014374.D

Acq: 22 Jun 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

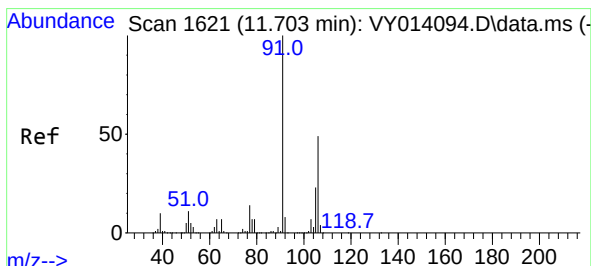
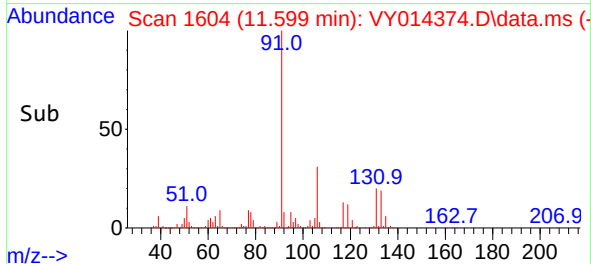
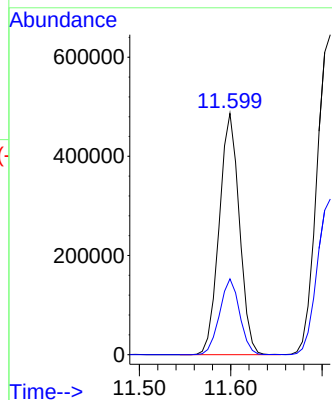
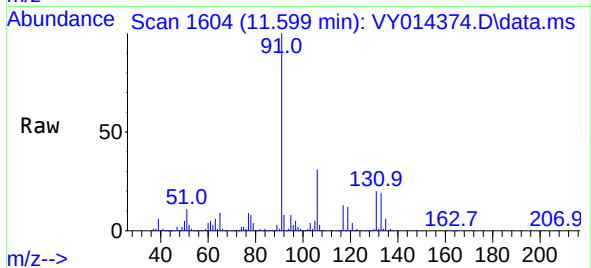
VSTDCCC050

Tgt Ion: 91 Resp: 745454

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 112.320 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY014374.D

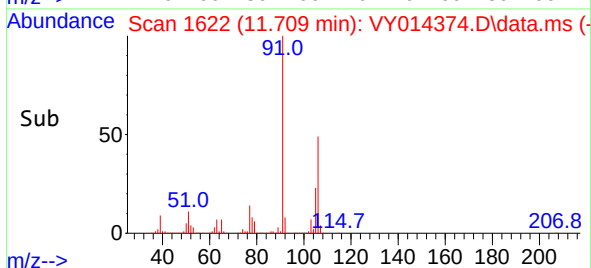
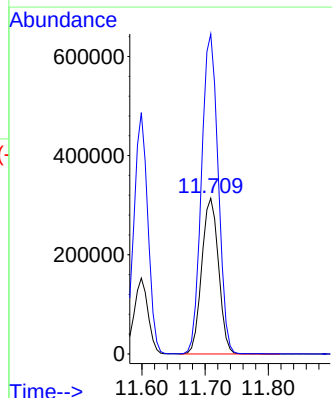
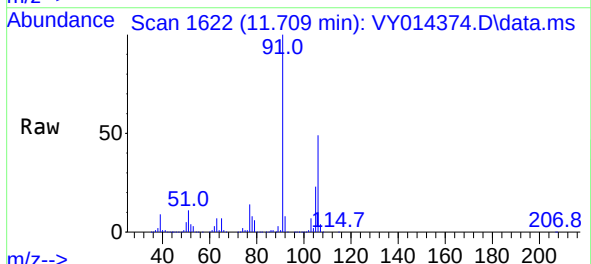
Acq: 22 Jun 2023 12:41

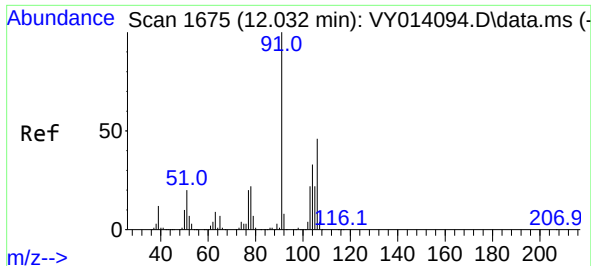
Tgt Ion:106 Resp: 579811

Ion Ratio Lower Upper

106 100

91 204.1 166.1 249.1

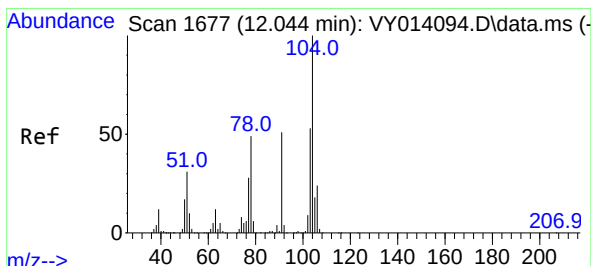
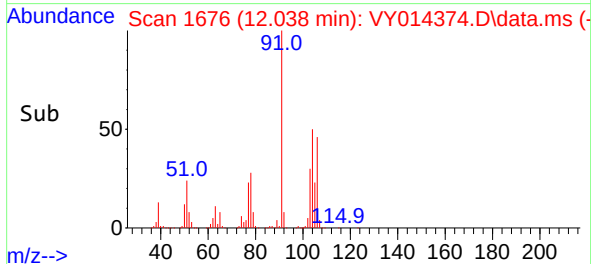
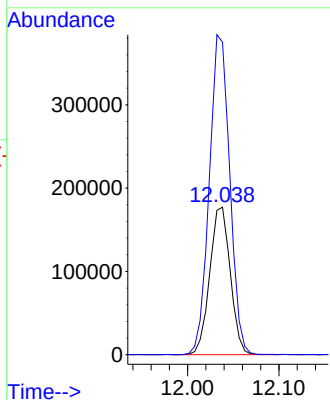
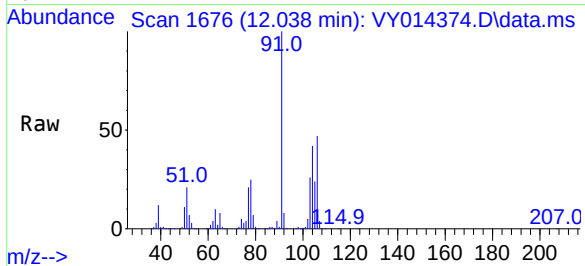




#69
o-Xylene
Concen: 56.634 ug/l
RT: 12.038 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

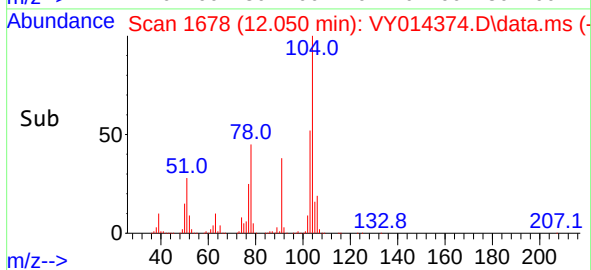
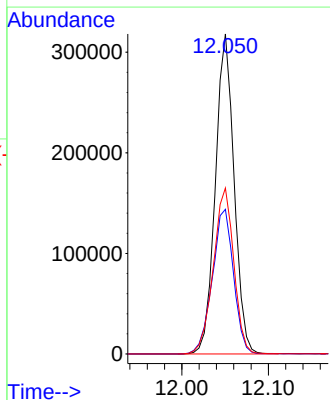
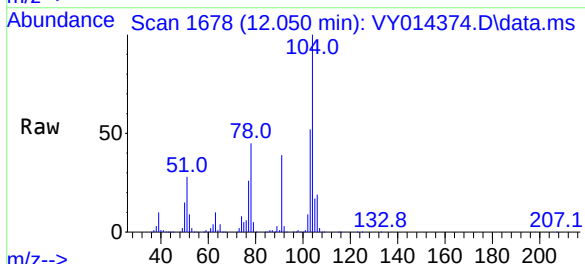
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

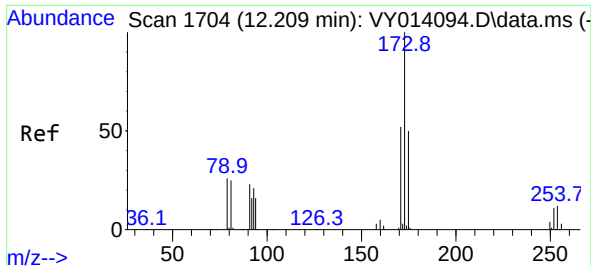
Tgt Ion:106 Resp: 276404
Ion Ratio Lower Upper
106 100
91 216.3 108.1 324.3



#70
Styrene
Concen: 57.417 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion:104 Resp: 478268
Ion Ratio Lower Upper
104 100
78 51.2 41.5 62.3
103 56.7 44.6 67.0

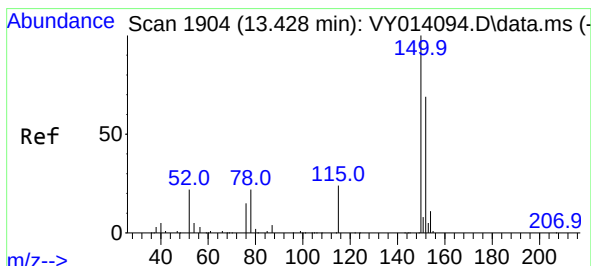
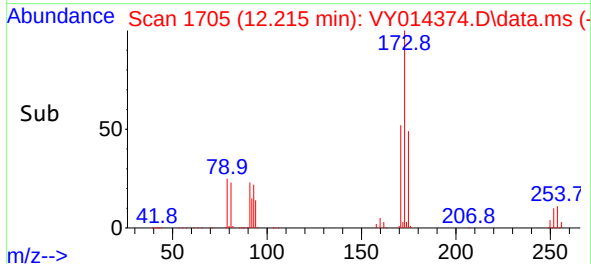
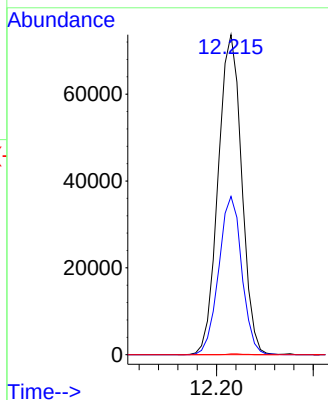
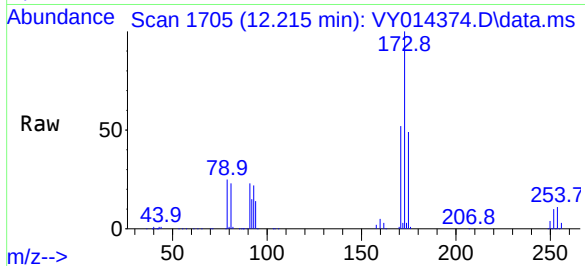




#71
Bromoform
Concen: 60.192 ug/l
RT: 12.215 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

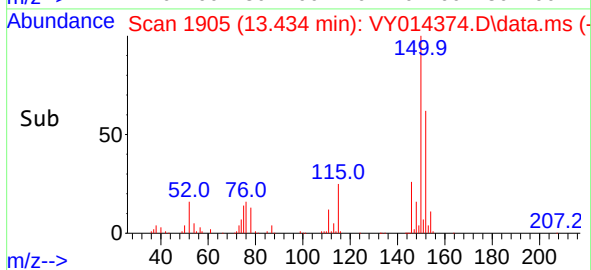
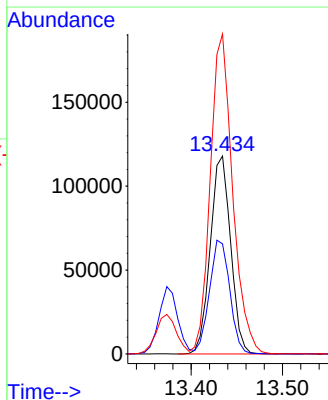
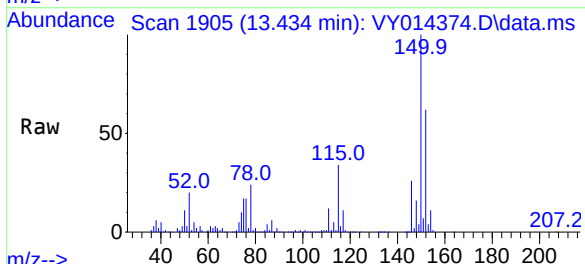
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

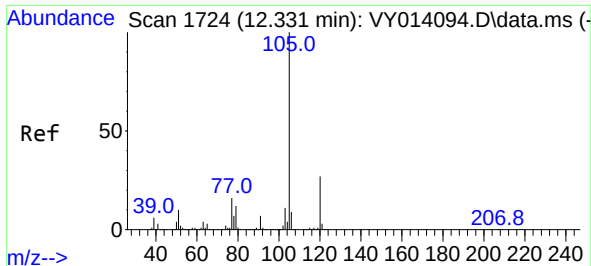
Tgt Ion:173 Resp: 124316
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.8
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion:152 Resp: 183206
Ion Ratio Lower Upper
152 100
115 57.2 28.8 86.5
150 176.8 0.0 348.8

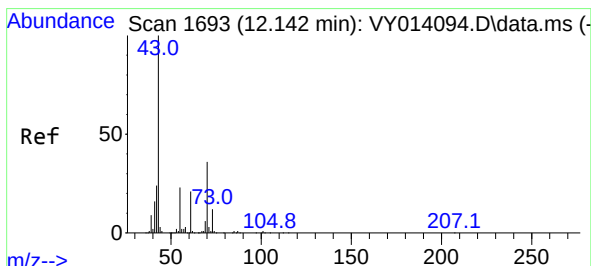
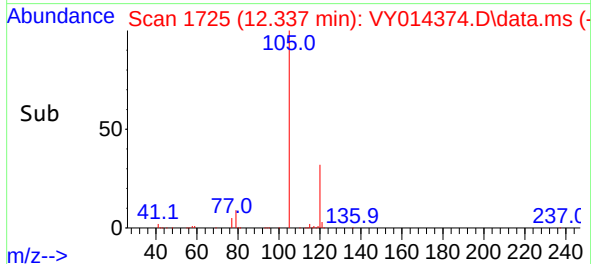
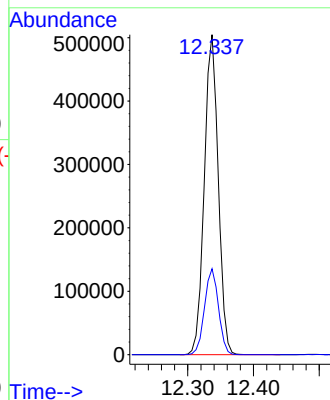
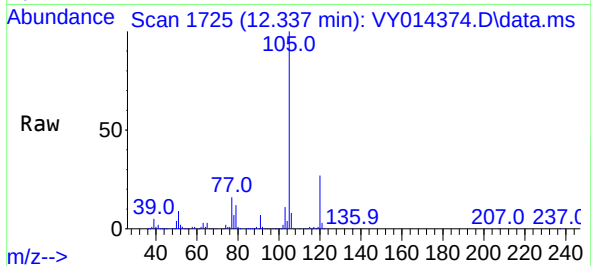




#73
Isopropylbenzene
Concen: 53.217 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

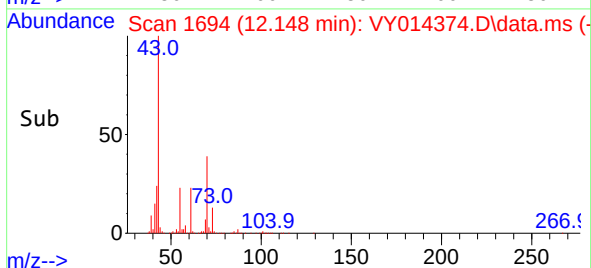
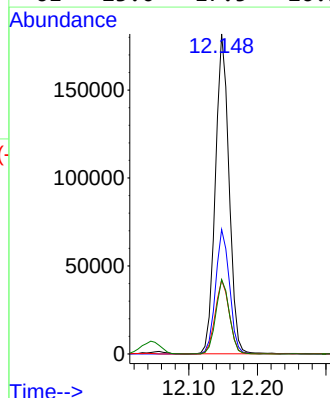
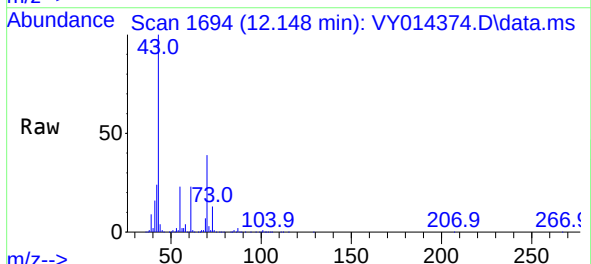
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

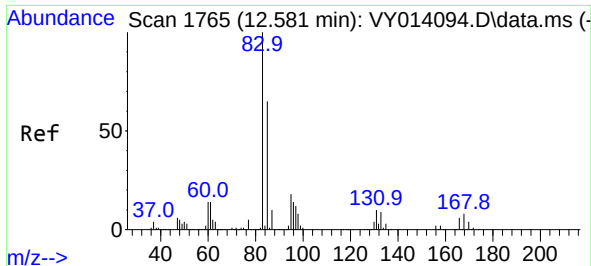
Tgt Ion:105 Resp: 743768
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 56.762 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 43 Resp: 251394
Ion Ratio Lower Upper
43 100
70 39.6 29.7 44.5
55 23.8 18.3 27.5
61 23.0 17.5 26.3

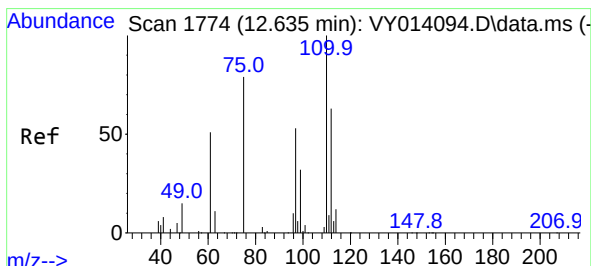
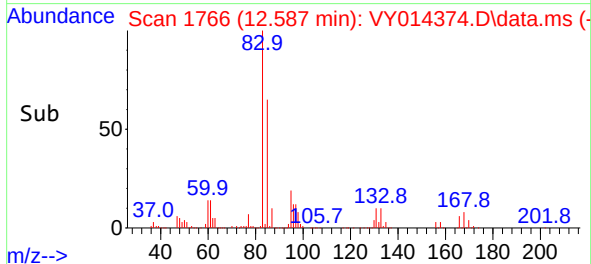
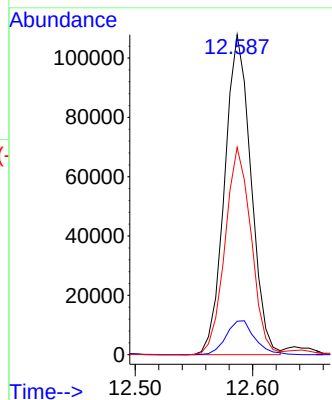
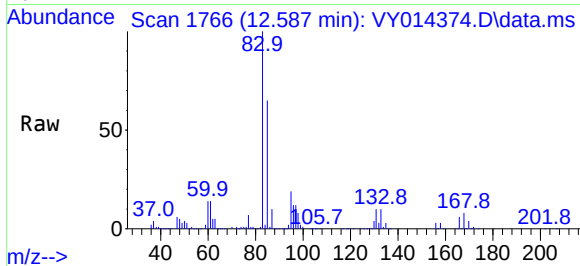




#75
1,1,2,2-Tetrachloroethane
Concen: 53.906 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

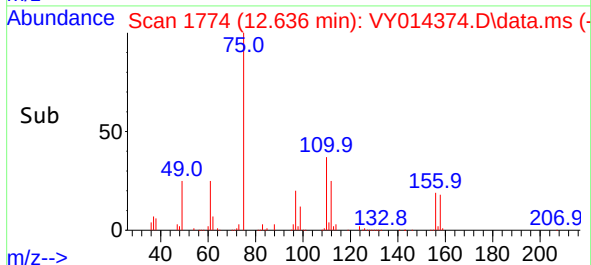
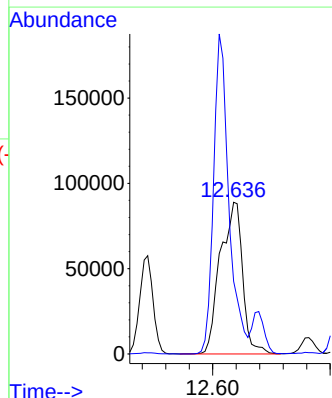
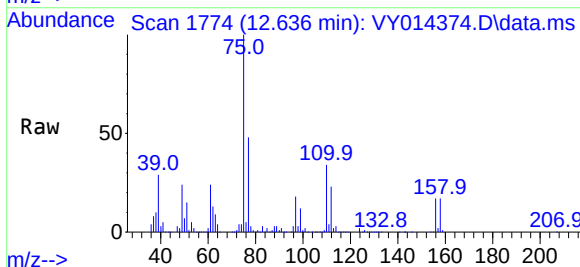
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

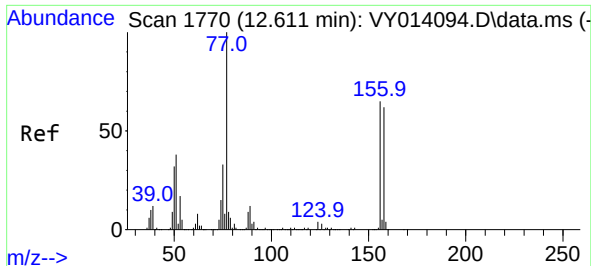
Tgt Ion: 83 Resp: 168345
Ion Ratio Lower Upper
83 100
131 11.5 5.4 16.2
85 64.3 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 97.696 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.001 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 75 Resp: 234825
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

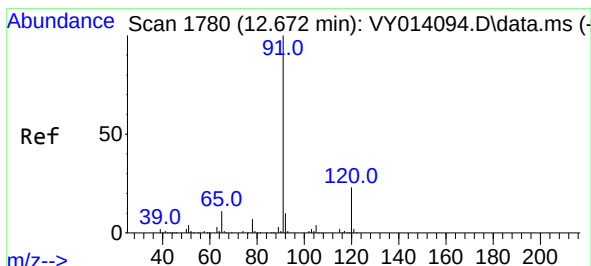
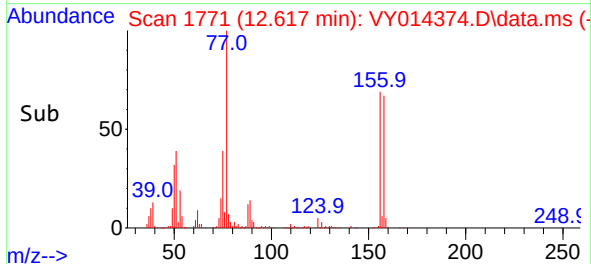
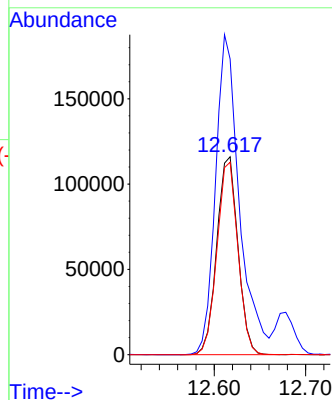
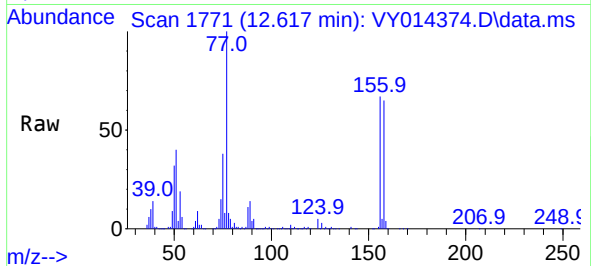




#77
Bromobenzene
Concen: 50.764 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

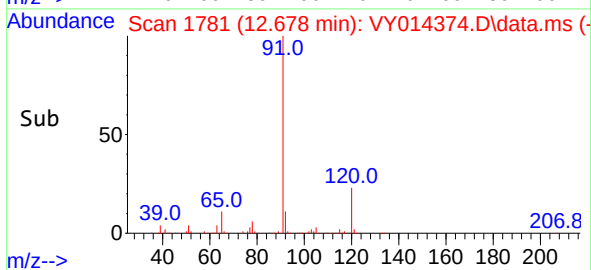
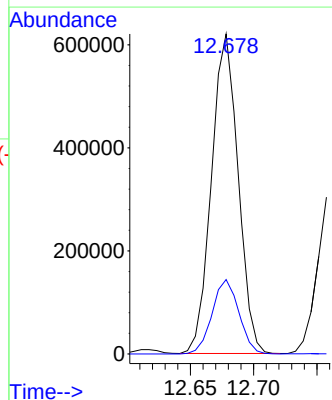
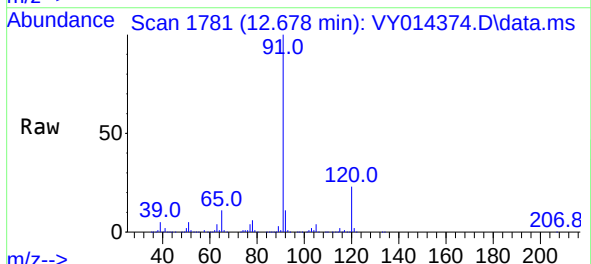
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

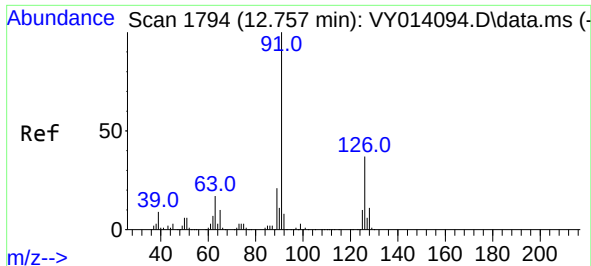
Tgt Ion:156 Resp: 186473
Ion Ratio Lower Upper
156 100
77 182.3 92.8 278.6
158 96.5 48.4 145.3



#78
n-propylbenzene
Concen: 53.222 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 91 Resp: 908529
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4

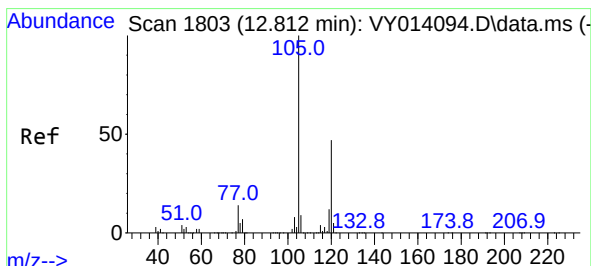
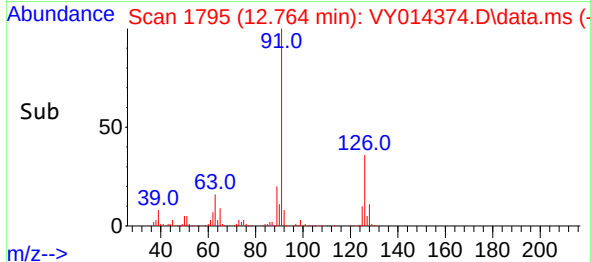
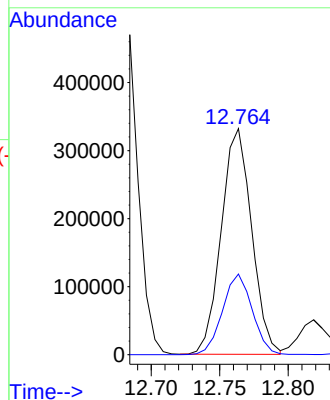
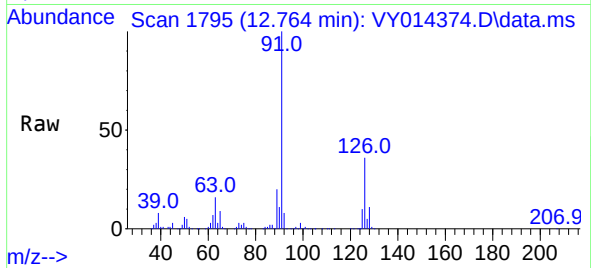




#79
2-Chlorotoluene
Concen: 52.197 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

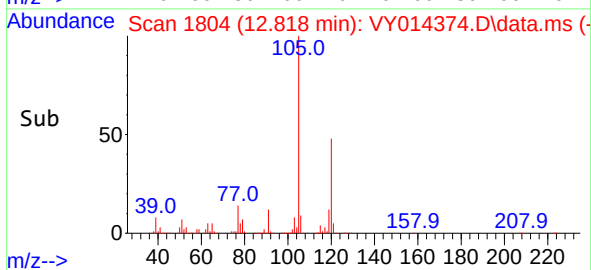
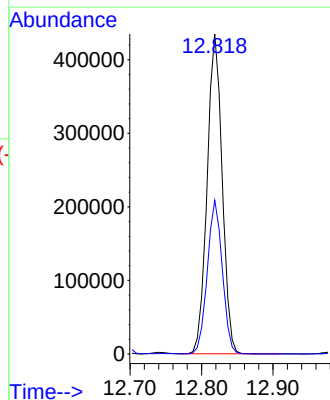
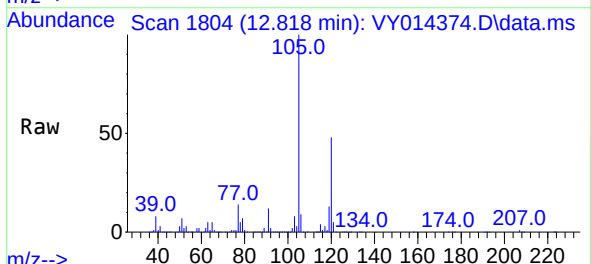
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

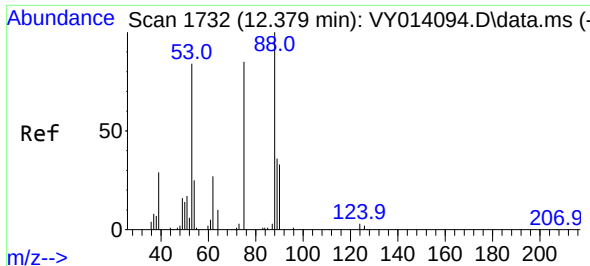
Tgt Ion: 91 Resp: 512700
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 53.053 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 105 Resp: 634879
Ion Ratio Lower Upper
105 100
120 47.8 23.9 71.7

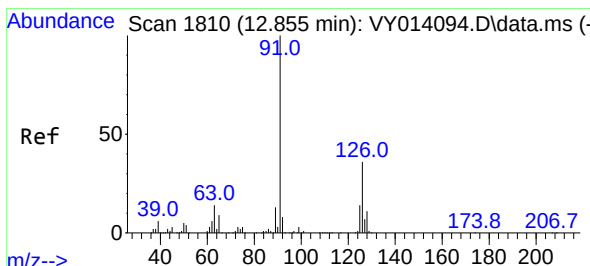
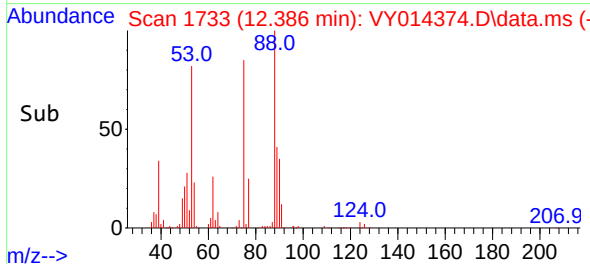
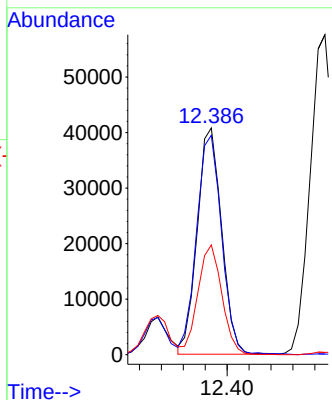
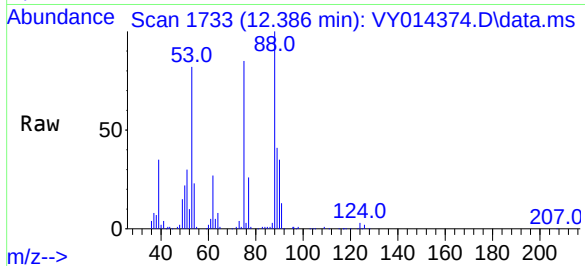




#81
trans-1,4-Dichloro-2-butene
Concen: 56.586 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

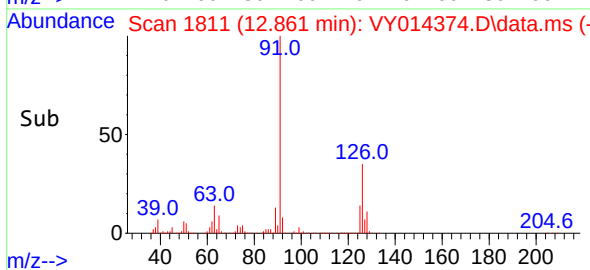
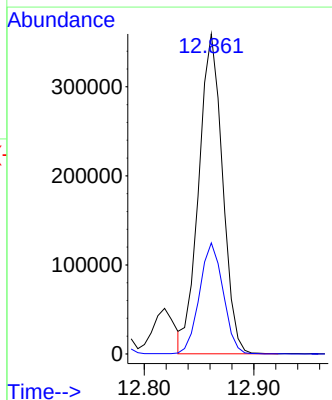
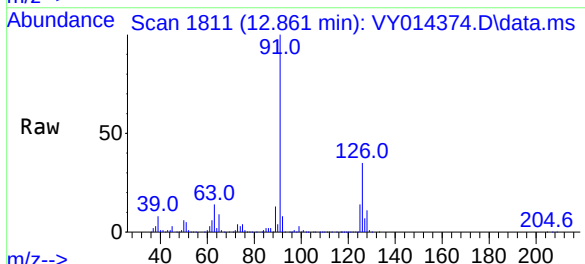
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

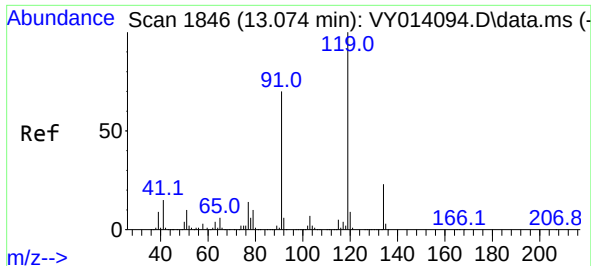
Tgt Ion: 75 Resp: 62921
Ion Ratio Lower Upper
75 100
53 100.2 77.8 116.8
89 48.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 51.944 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion: 91 Resp: 540676
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6

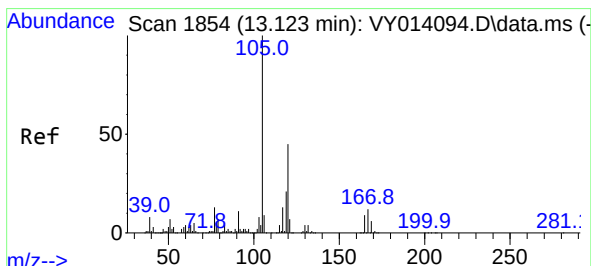
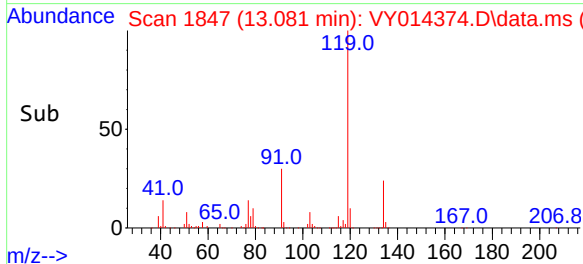
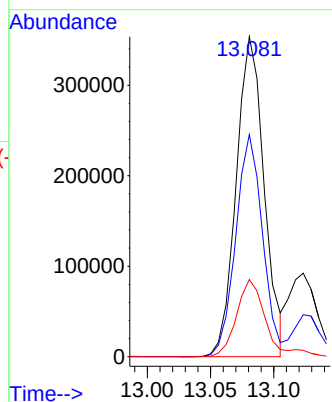
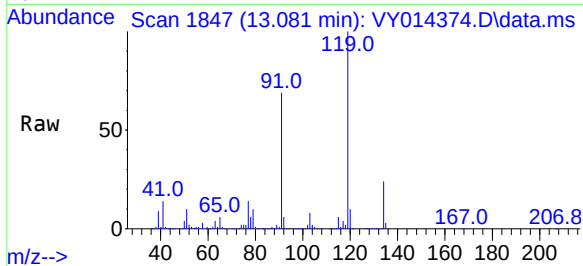




#83
tert-Butylbenzene
Concen: 53.458 ug/l
RT: 13.081 min Scan# 119
Delta R.T. 0.007 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

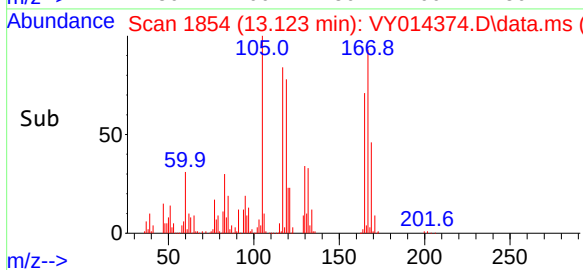
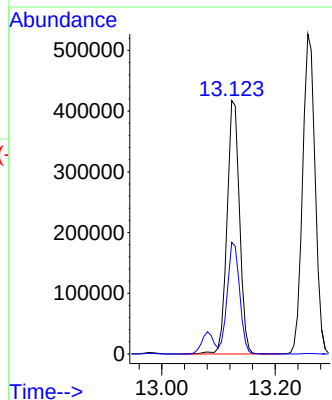
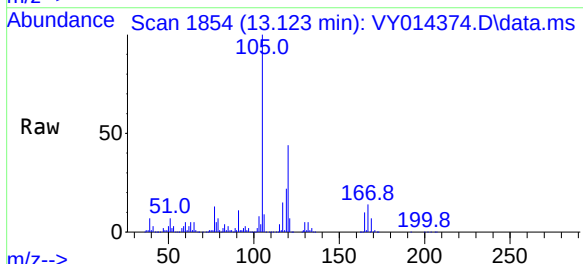
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

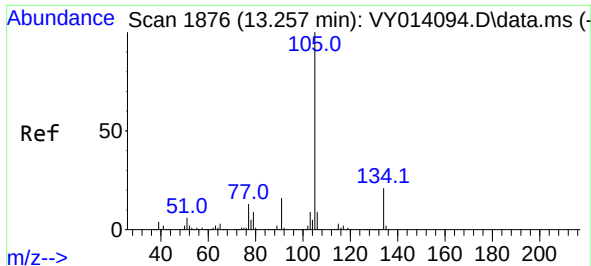
Tgt Ion:119 Resp: 543639
Ion Ratio Lower Upper
119 100
91 66.5 32.9 98.6
134 25.3 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 53.716 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion:105 Resp: 636319
Ion Ratio Lower Upper
105 100
120 43.6 22.2 66.6

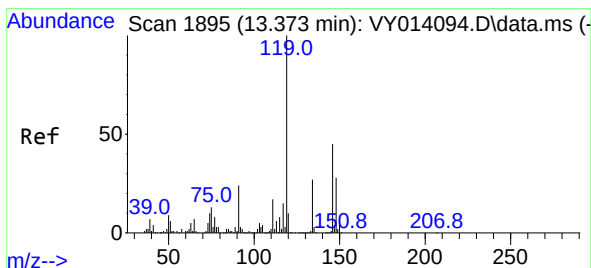
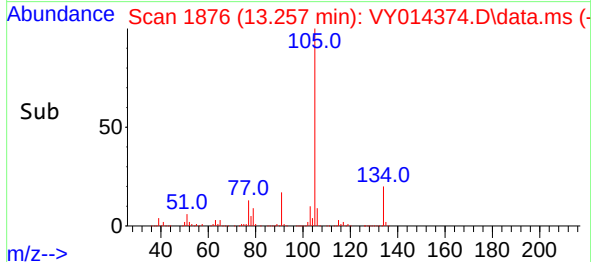
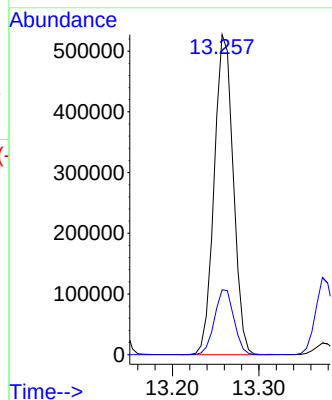
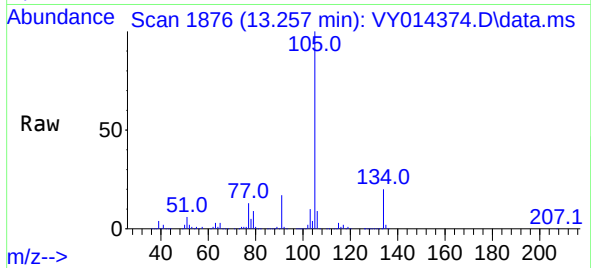




#85
 sec-Butylbenzene
 Concen: 54.389 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY014374.D
 Acq: 22 Jun 2023 12:41

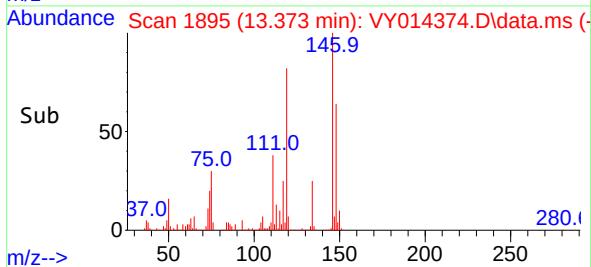
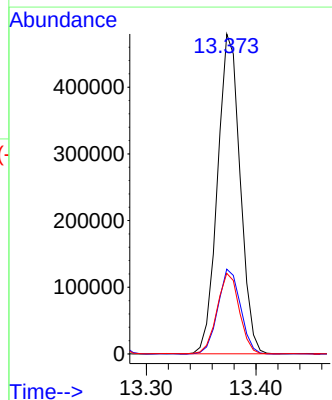
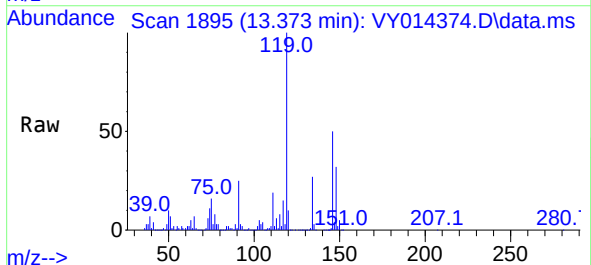
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

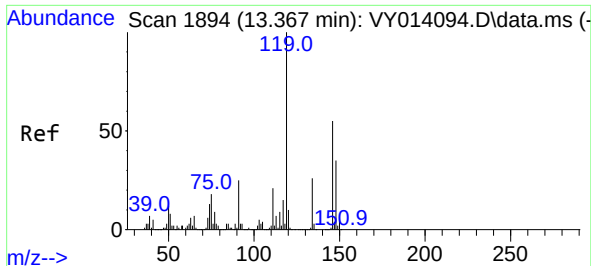
Tgt Ion:105 Resp: 804144
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 54.271 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY014374.D
 Acq: 22 Jun 2023 12:41

Tgt Ion:119 Resp: 686727
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 24.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 52.159 ug/l

RT: 13.373 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014374.D

Acq: 22 Jun 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

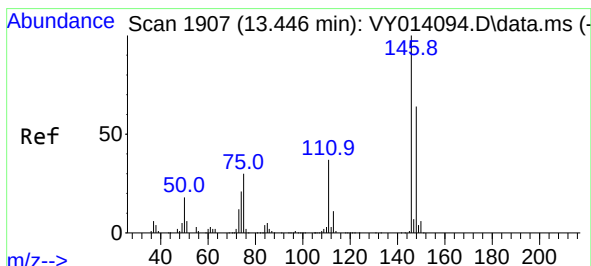
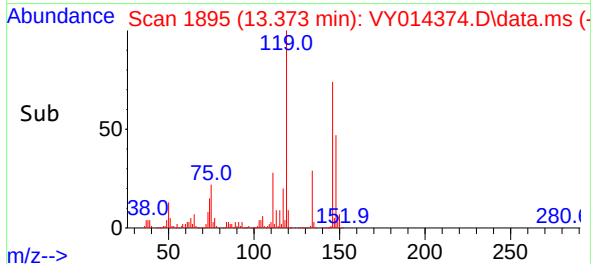
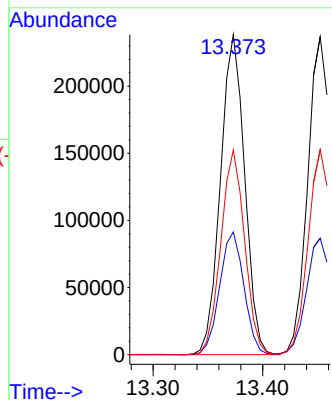
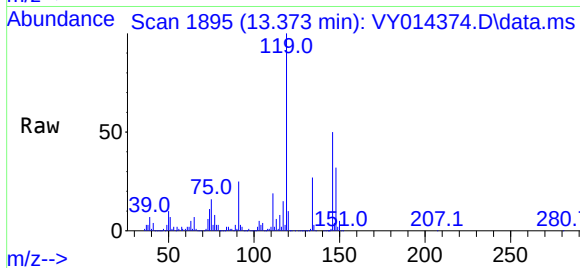
Tgt Ion:146 Resp: 365816

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.2

148 63.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 51.157 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.007 min

Lab File: VY014374.D

Acq: 22 Jun 2023 12:41

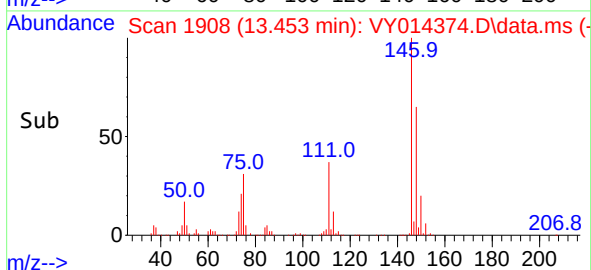
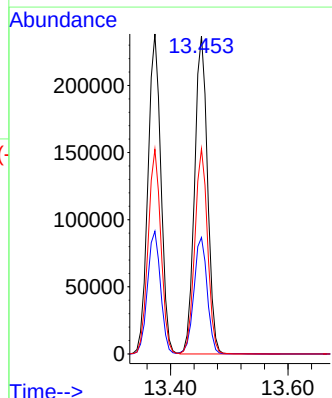
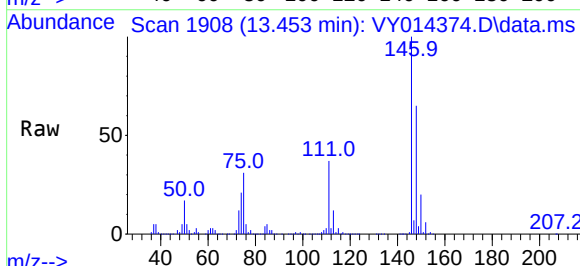
Tgt Ion:146 Resp: 361498

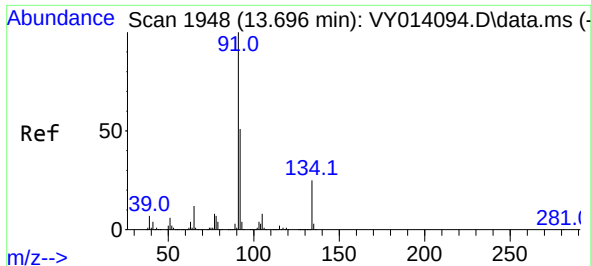
Ion Ratio Lower Upper

146 100

111 37.5 18.9 56.7

148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 55.166 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY014374.D

Acq: 22 Jun 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

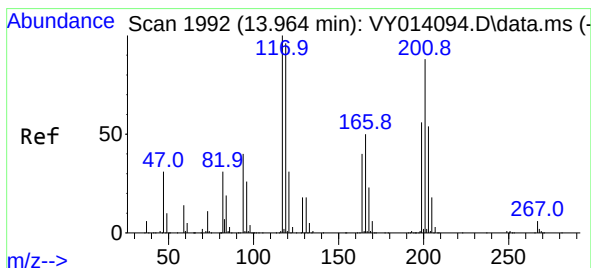
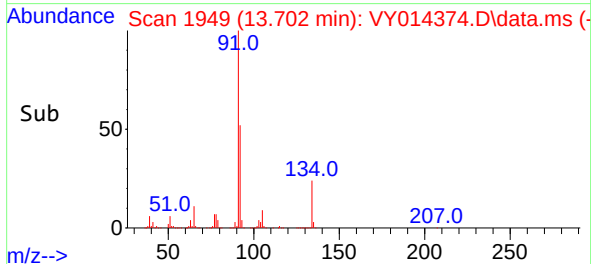
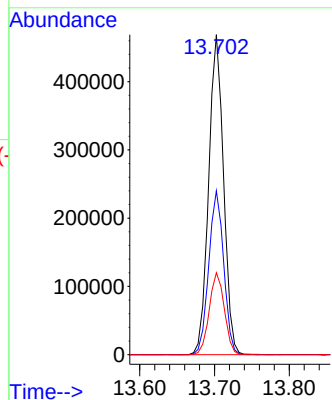
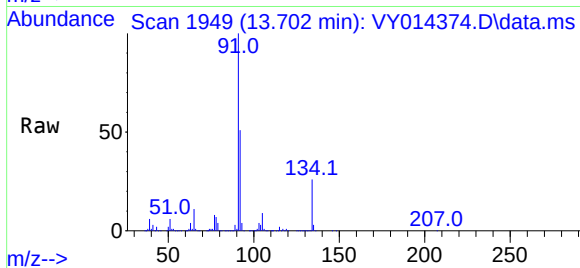
Tgt Ion: 91 Resp: 647446

Ion Ratio Lower Upper

91 100

92 51.5 25.4 76.0

134 26.0 12.6 37.6



#90

Hexachloroethane

Concen: 53.450 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.001 min

Lab File: VY014374.D

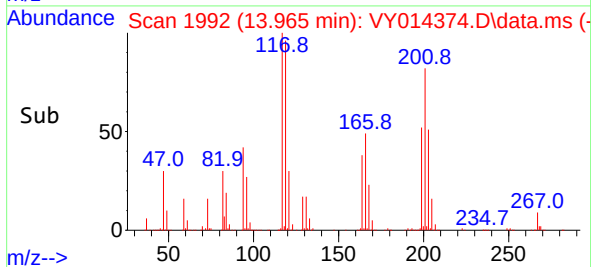
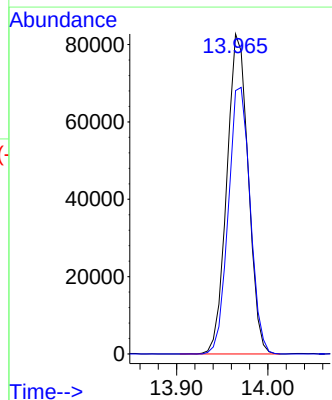
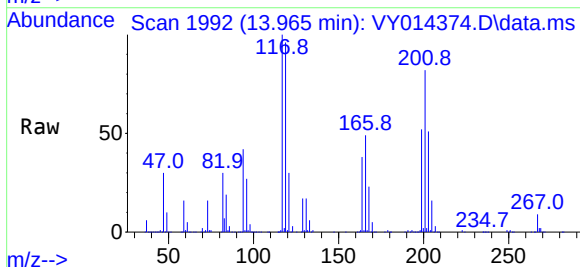
Acq: 22 Jun 2023 12:41

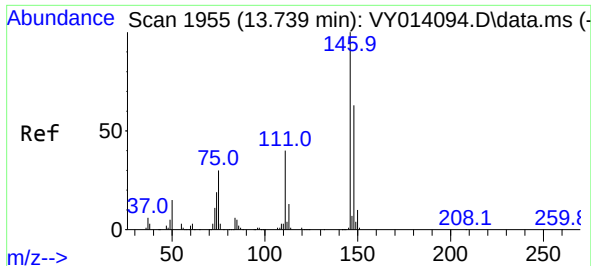
Tgt Ion: 117 Resp: 134769

Ion Ratio Lower Upper

117 100

201 84.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 52.778 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY014374.D

Acq: 22 Jun 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

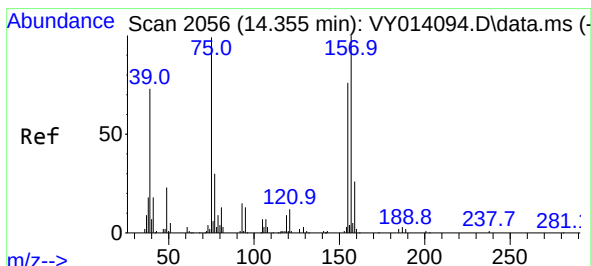
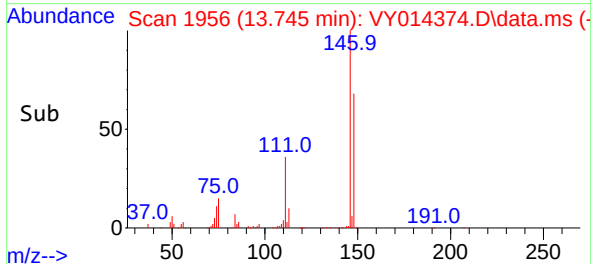
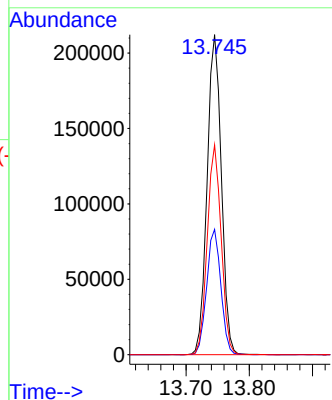
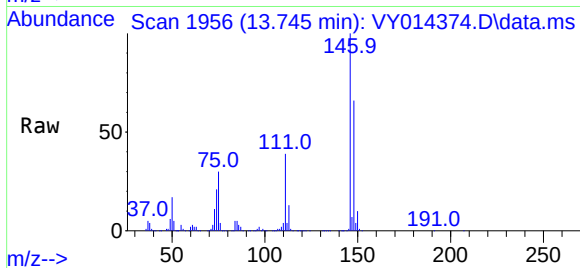
Tgt Ion:146 Resp: 332452

Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.0

148 64.2 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.703 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY014374.D

Acq: 22 Jun 2023 12:41

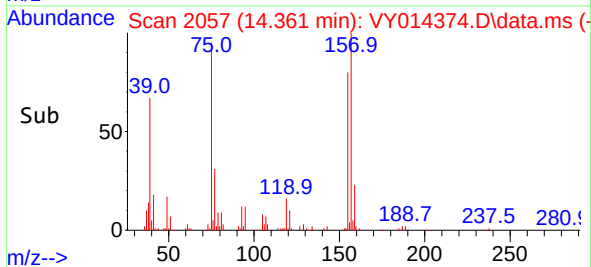
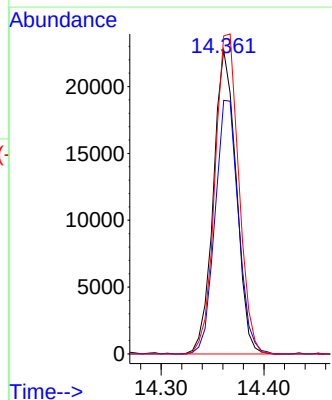
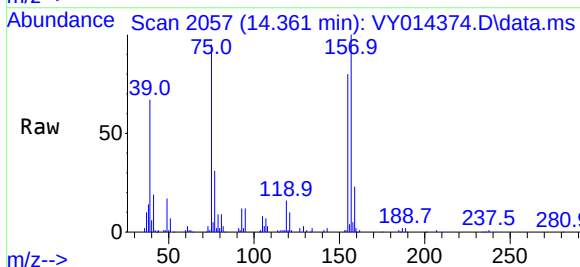
Tgt Ion: 75 Resp: 34911

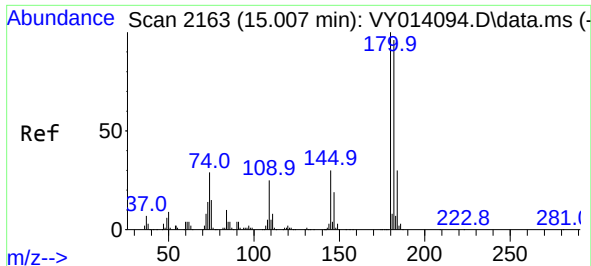
Ion Ratio Lower Upper

75 100

155 85.8 41.5 124.6

157 110.2 51.8 155.5

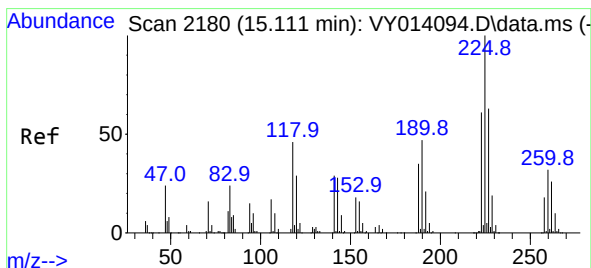
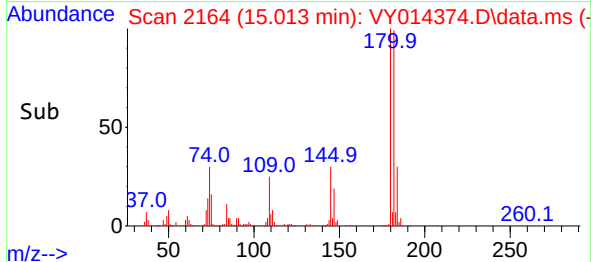
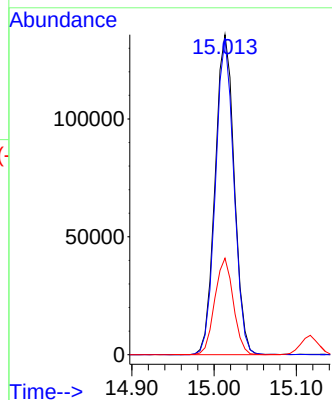
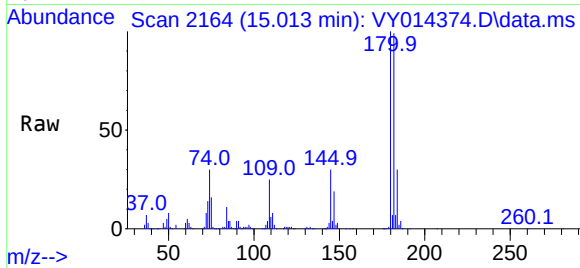




#93
1,2,4-Trichlorobenzene
Concen: 54.862 ug/l
RT: 15.013 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

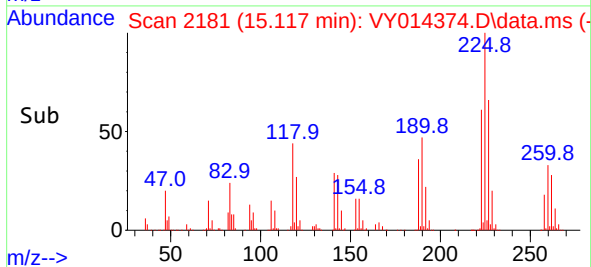
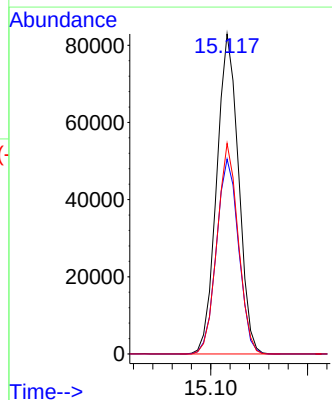
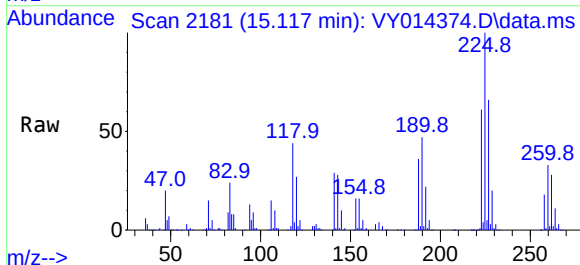
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

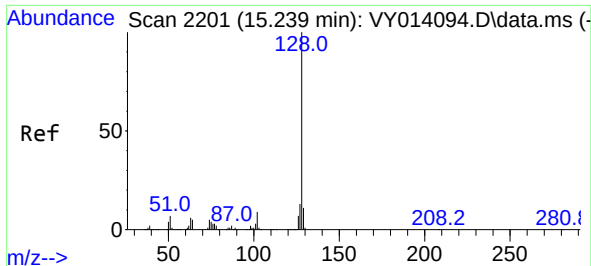
Tgt Ion:180 Resp: 218921
Ion Ratio Lower Upper
180 100
182 94.9 47.0 141.2
145 29.3 14.5 43.5



#94
Hexachlorobutadiene
Concen: 56.321 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion:225 Resp: 129749
Ion Ratio Lower Upper
225 100
223 61.6 31.9 95.9
227 63.6 33.0 98.9

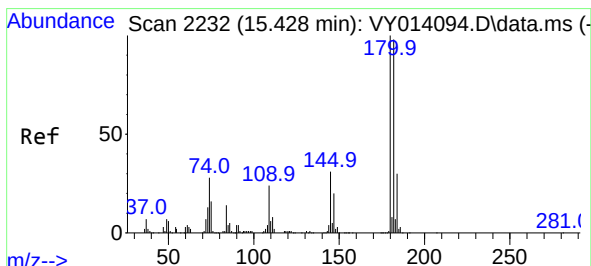
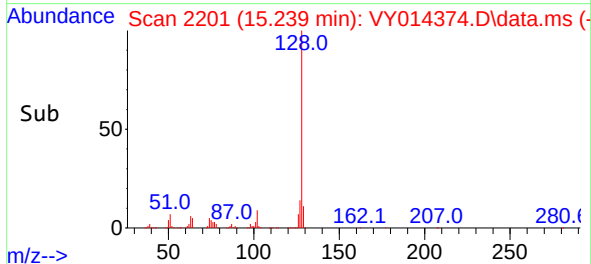
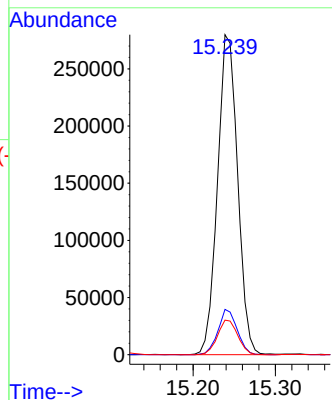
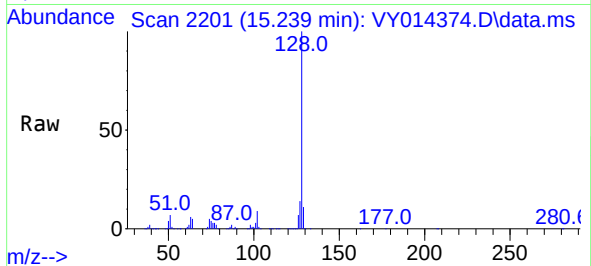




#95
Naphthalene
Concen: 58.885 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 476936
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.719 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY014374.D
Acq: 22 Jun 2023 12:41

Tgt Ion:180 Resp: 197304
Ion Ratio Lower Upper
180 100
182 95.7 47.3 141.8
145 31.4 15.4 46.2

