

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014249.D
 Acq On : 19 Jun 2023 23:36
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 20 05:04:35 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	194884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	295778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	288287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	162047	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	131183	48.339	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.680%
35) Dibromofluoromethane	7.722	113	115884	55.246	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.500%
50) Toluene-d8	10.185	98	386956	49.344	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.680%
62) 4-Bromofluorobenzene	12.483	95	160961	57.781	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	115.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	102715	47.292	ug/l	99
3) Chloromethane	2.113	50	121740	44.205	ug/l	99
4) Vinyl Chloride	2.253	62	125632	46.921	ug/l	98
5) Bromomethane	2.637	94	96343	43.610	ug/l	98
6) Chloroethane	2.790	64	83115	45.683	ug/l	98
7) Trichlorofluoromethane	3.125	101	229517	52.765	ug/l	100
8) Diethyl Ether	3.534	74	68611	47.238	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	114982	52.376	ug/l	99
10) Methyl Iodide	4.088	142	122165	42.143	ug/l	99
11) Tert butyl alcohol	4.966	59	76107	241.556	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	106627	47.919	ug/l	98
13) Acrolein	3.735	56	27545	215.998	ug/l	98
14) Allyl chloride	4.485	41	189712	47.035	ug/l	98
15) Acrylonitrile	5.167	53	202665	270.516	ug/l	100
16) Acetone	3.948	43	171929	210.177	ug/l	96
17) Carbon Disulfide	4.198	76	331367	45.956	ug/l	99
18) Methyl Acetate	4.485	43	175795	55.366	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	336055	51.207	ug/l	99
20) Methylene Chloride	4.716	84	147331	56.911	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	125505	50.570	ug/l	96
22) Diisopropyl ether	6.125	45	406928	52.693	ug/l	96
23) Vinyl Acetate	6.064	43	1166939	256.105	ug/l	99
24) 1,1-Dichloroethane	6.021	63	226523	50.874	ug/l	99
25) 2-Butanone	6.990	43	279309	277.382	ug/l	97
26) 2,2-Dichloropropane	6.984	77	193321	46.226	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	143990	51.864	ug/l	99
28) Bromochloromethane	7.338	49	89271	49.301	ug/l	97
29) Tetrahydrofuran	7.350	42	182875	286.406	ug/l	98
30) Chloroform	7.508	83	249971	52.918	ug/l	97
31) Cyclohexane	7.789	56	189448	52.112	ug/l	97
32) 1,1,1-Trichloroethane	7.703	97	223916	52.557	ug/l	99
36) 1,1-Dichloropropene	7.923	75	178086	54.458	ug/l	99
37) Ethyl Acetate	7.076	43	120619	53.457	ug/l	97
38) Carbon Tetrachloride	7.905	117	211210	55.969	ug/l	98
39) Methylcyclohexane	9.185	83	211322	58.243	ug/l	97
40) Benzene	8.167	78	522954	53.779	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	173625	150.776	ug/l #	29
42) 1,2-Dichloroethane	8.240	62	183994	53.507	ug/l	100
43) Isopropyl Acetate	8.277	43	215486	54.489	ug/l	99
44) Trichloroethene	8.941	130	139327	53.627	ug/l	100
45) 1,2-Dichloropropane	9.222	63	131362	53.184	ug/l	98
46) Dibromomethane	9.307	93	81554	53.640	ug/l	99
47) Bromodichloromethane	9.502	83	192859	54.176	ug/l	95
48) Methyl methacrylate	9.295	41	102828	55.747	ug/l	98
49) 1,4-Dioxane	9.307	88	22992	1190.134	ug/l #	50
51) 4-Methyl-2-Pentanone	10.069	43	630297	293.361	ug/l	100
52) Toluene	10.246	92	332938	55.232	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	199958	53.357	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	212692	52.018	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	111679	55.380	ug/l	97
56) Ethyl methacrylate	10.514	69	155296	55.831	ug/l	99
57) 1,3-Dichloropropane	10.788	76	189102	54.828	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	383704	301.994	ug/l	99
59) 2-Hexanone	10.831	43	447983	288.686	ug/l	100
60) Dibromochloromethane	10.983	129	144351	55.927	ug/l	100
61) 1,2-Dibromoethane	11.093	107	108515	54.524	ug/l	99
64) Tetrachloroethene	10.721	164	150409	61.210	ug/l	96
65) Chlorobenzene	11.520	112	354131	51.123	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	143079	52.514	ug/l	100
67) Ethyl Benzene	11.593	91	652330	53.800	ug/l	99
68) m/p-Xylenes	11.703	106	500226	107.257	ug/l	100
69) o-Xylene	12.032	106	239683	54.358	ug/l	100
70) Styrene	12.044	104	414723	55.108	ug/l	99
71) Bromoform	12.209	173	102517	54.941	ug/l #	99
73) Isopropylbenzene	12.331	105	634405	51.319	ug/l	100
74) N-amyl acetate	12.142	43	195287	49.851	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	138867	50.273	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	187196	88.050	ug/l #	100
77) Bromobenzene	12.611	156	160387	49.364	ug/l	97
78) n-propylbenzene	12.672	91	785552	52.026	ug/l	100
79) 2-Chlorotoluene	12.757	91	440298	50.679	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	548874	51.855	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	45910	46.679	ug/l	96
82) 4-Chlorotoluene	12.855	91	463302	50.322	ug/l	99
83) tert-Butylbenzene	13.074	119	462447	51.412	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	552929	52.772	ug/l	100
85) sec-Butylbenzene	13.251	105	701725	53.659	ug/l	100
86) p-Isopropyltoluene	13.367	119	588662	52.596	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	313301	50.504	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	313905	50.223	ug/l	99
89) n-Butylbenzene	13.696	91	559172	53.866	ug/l	99
90) Hexachloroethane	13.965	117	116188	52.097	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	286574	51.435	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27043	51.411	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	177717	50.352	ug/l	99
94) Hexachlorobutadiene	15.111	225	111088	54.517	ug/l	97
95) Naphthalene	15.239	128	374388	52.259	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	165108	51.769	ug/l	100

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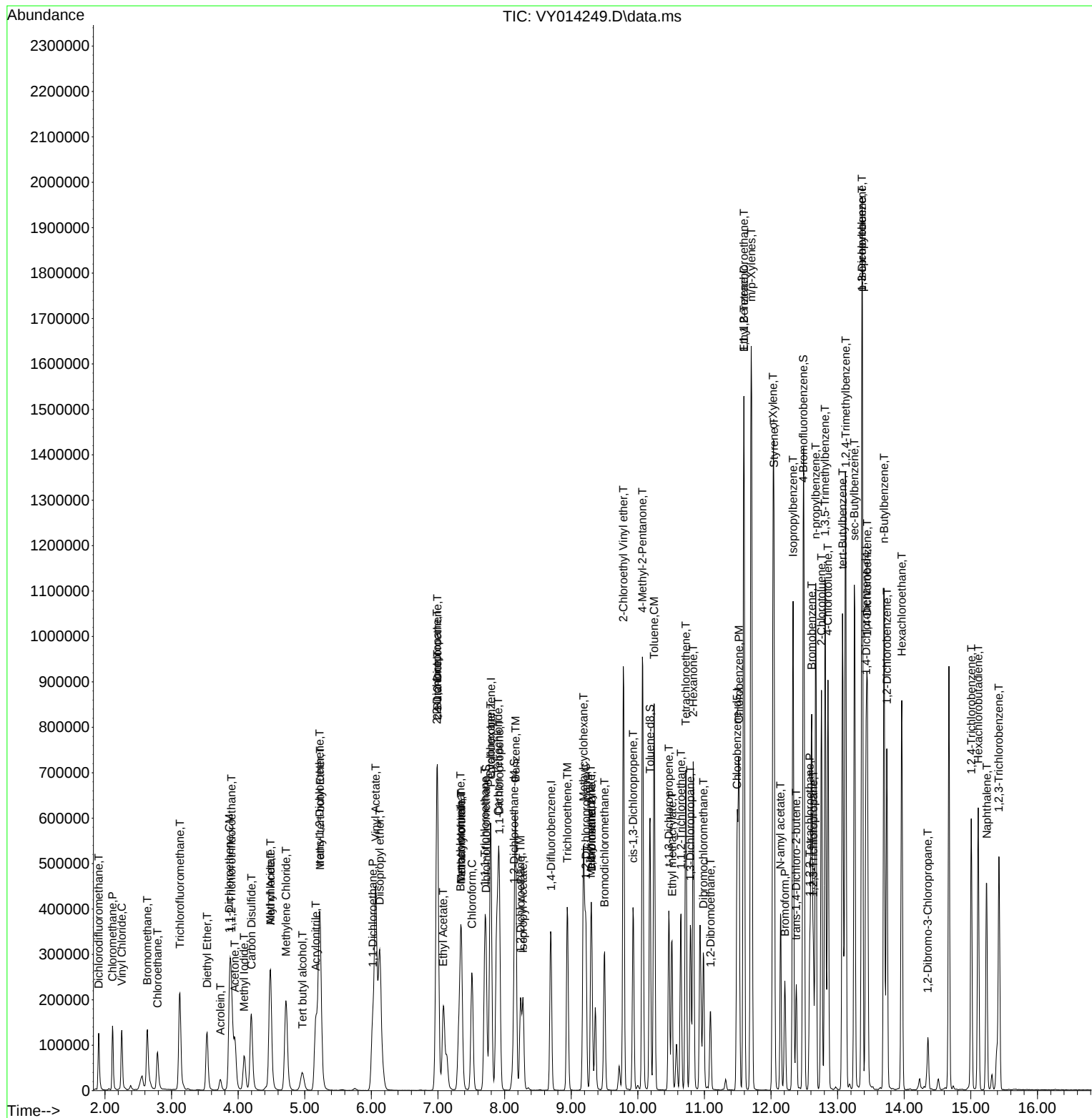
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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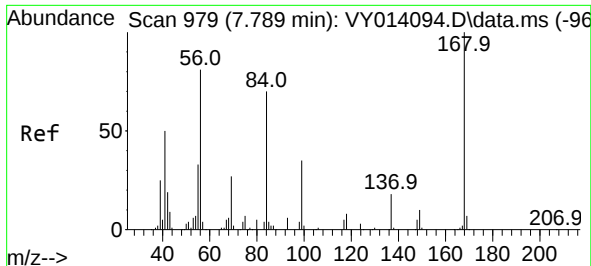
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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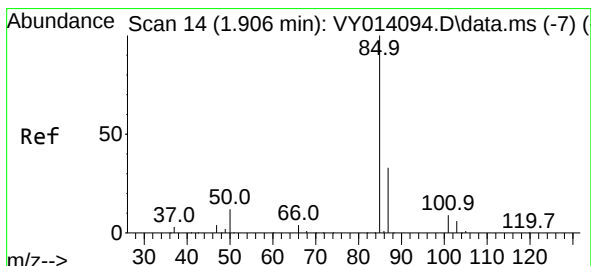
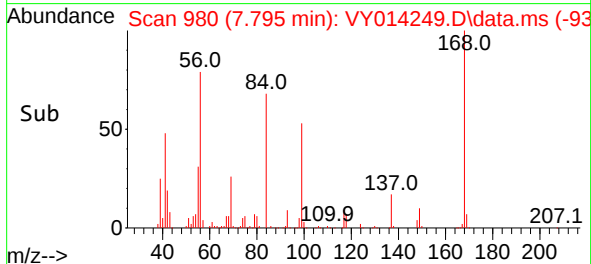
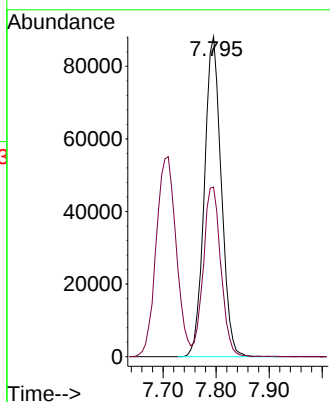
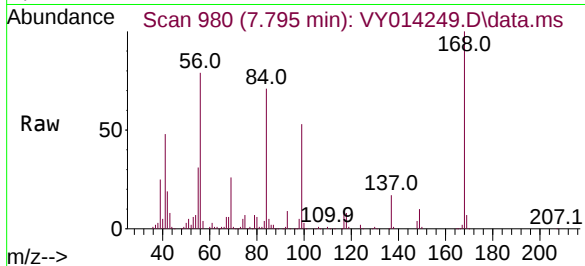




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY014249.D
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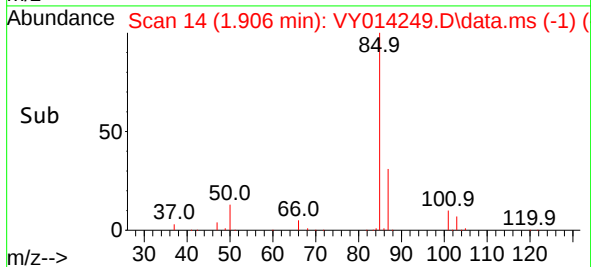
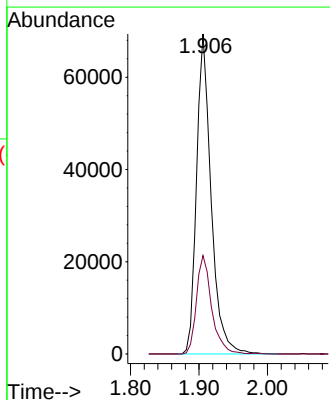
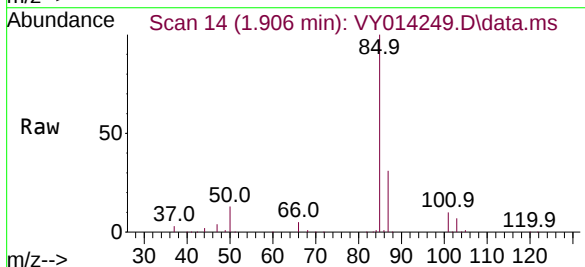
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

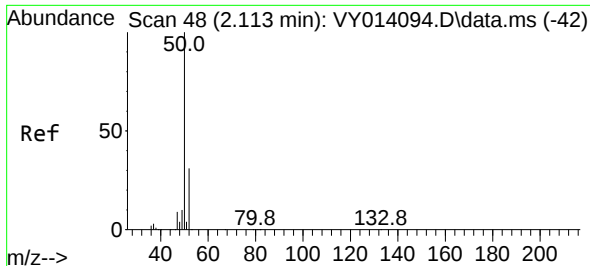
Tgt Ion:168 Resp: 194884
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 47.292 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion: 85 Resp: 102715
Ion Ratio Lower Upper
85 100
87 30.8 15.6 46.8

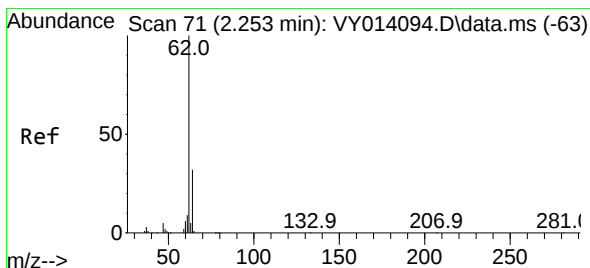
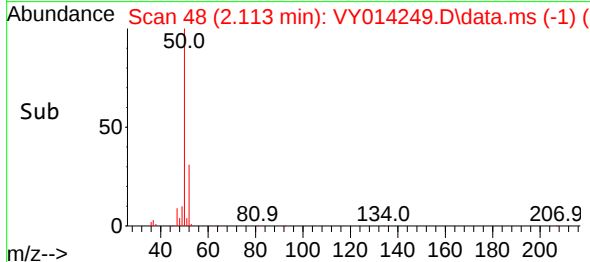
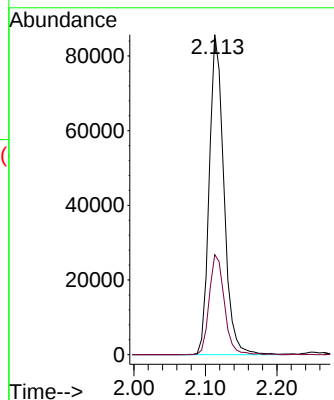
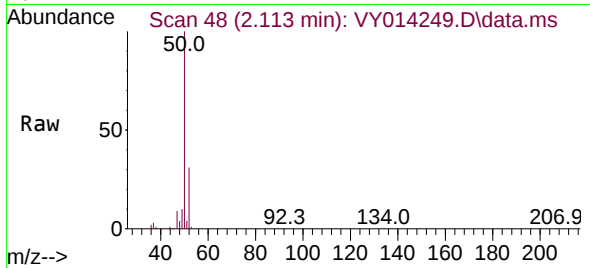




#3
Chloromethane
Concen: 44.205 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

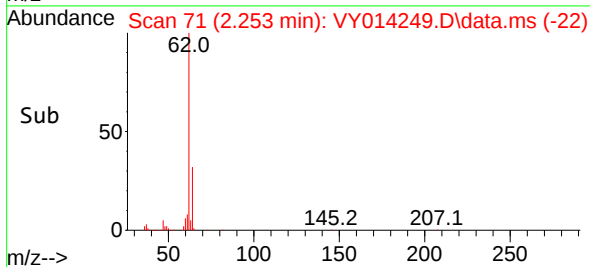
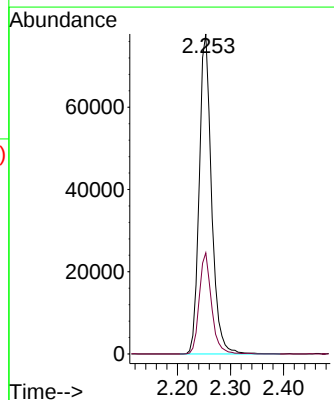
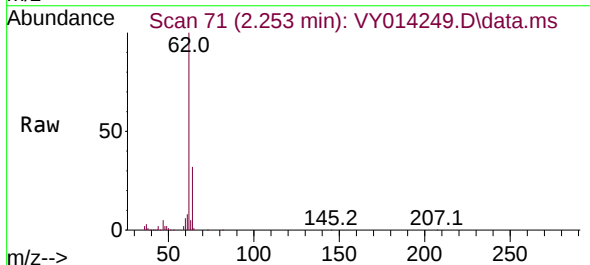
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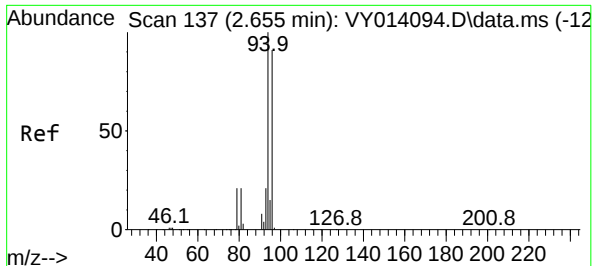
Tgt Ion: 50 Resp: 121740
Ion Ratio Lower Upper
50 100
52 31.2 25.4 38.2



#4
Vinyl Chloride
Concen: 46.921 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion: 62 Resp: 125632
Ion Ratio Lower Upper
62 100
64 31.6 24.3 36.5

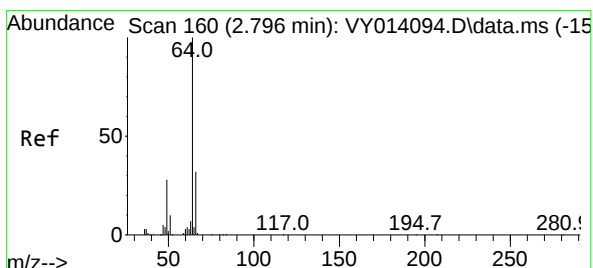
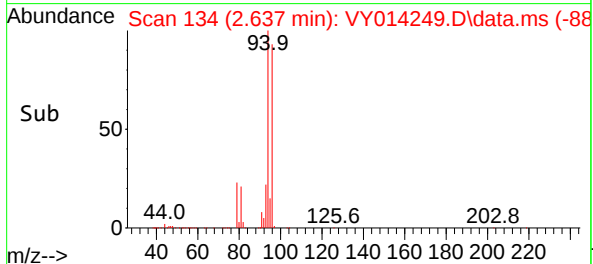
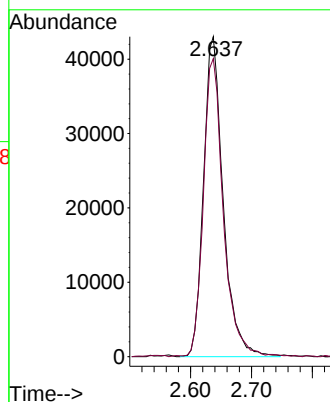
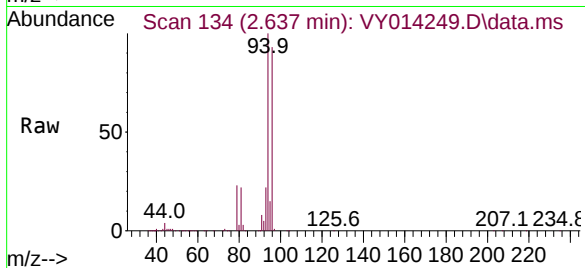




#5
Bromomethane
Concen: 43.610 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014249.D
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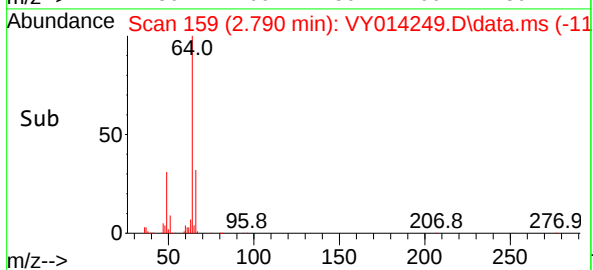
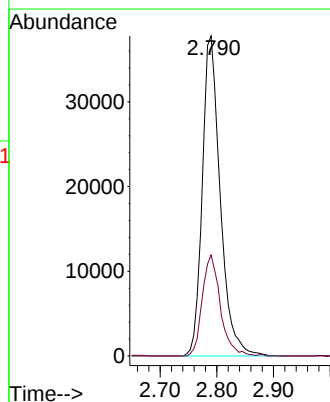
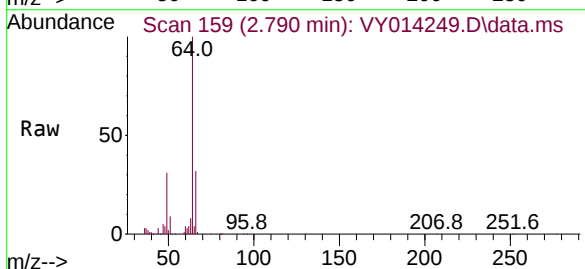
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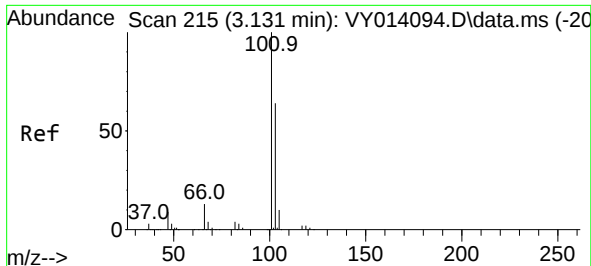
Tgt Ion: 94 Resp: 96343
Ion Ratio Lower Upper
94 100
96 92.9 75.8 113.6



#6
Chloroethane
Concen: 45.683 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY014249.D
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Tgt Ion: 64 Resp: 83115
Ion Ratio Lower Upper
64 100
66 31.5 24.4 36.6

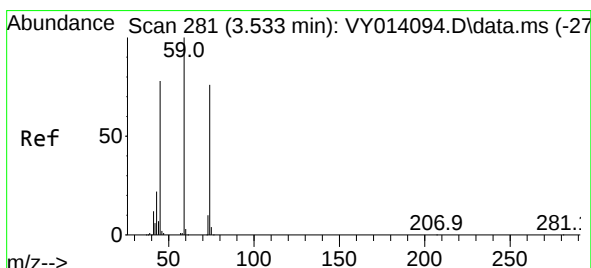
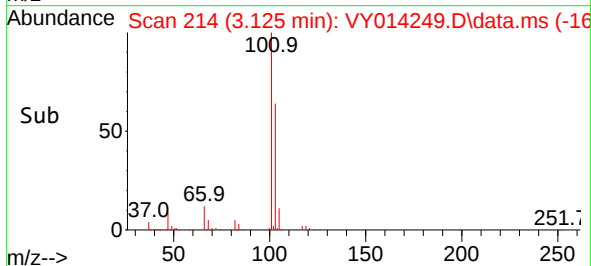
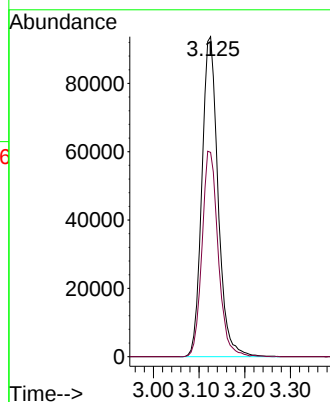
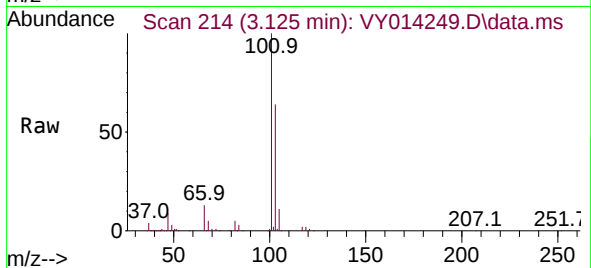




#7
Trichlorofluoromethane
Concen: 52.765 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

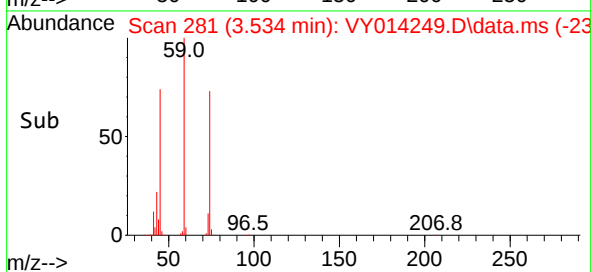
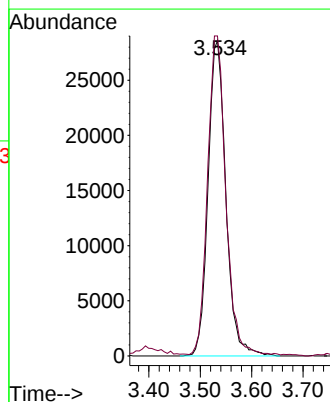
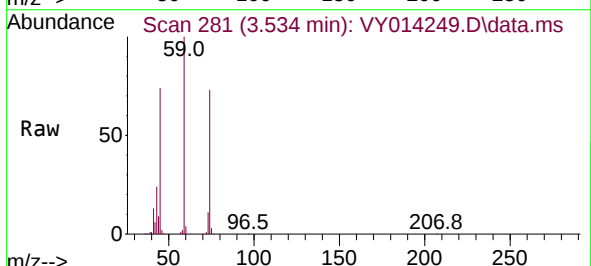
Instrument :
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Tgt Ion:101 Resp: 229517
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.0



#8
Diethyl Ether
Concen: 47.238 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.001 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion: 74 Resp: 68611
Ion Ratio Lower Upper
74 100
45 103.1 51.5 154.5

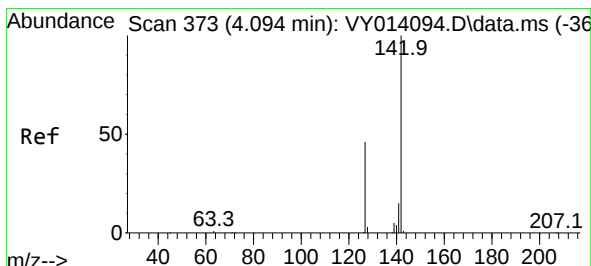
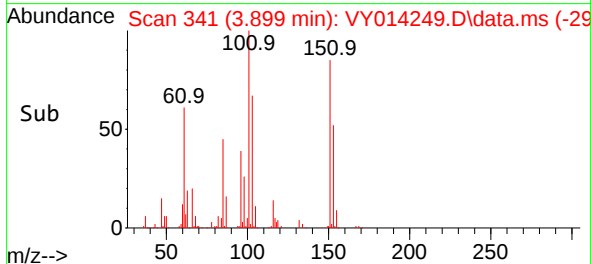
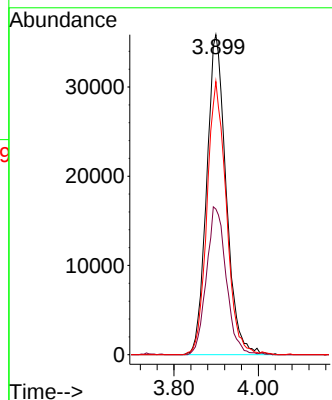
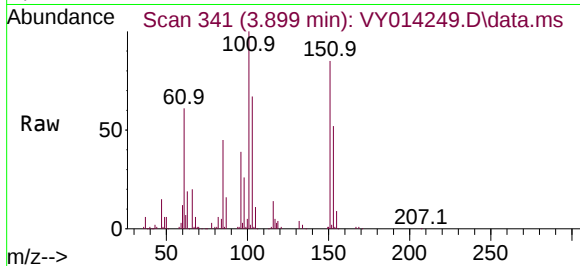




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.376 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

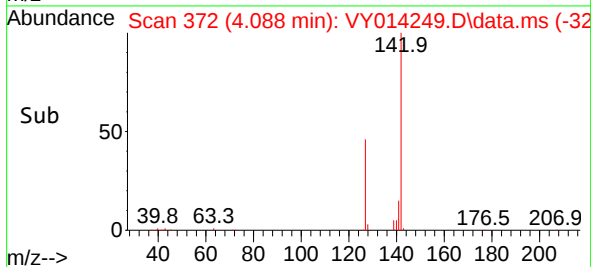
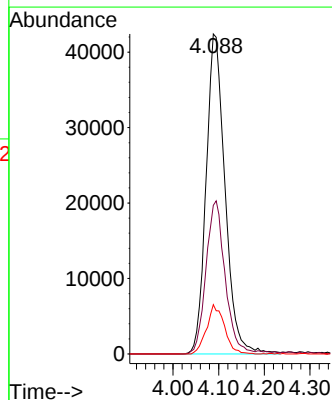
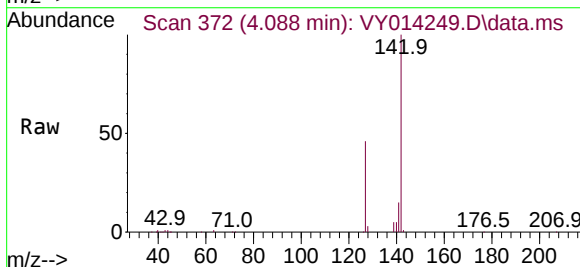
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

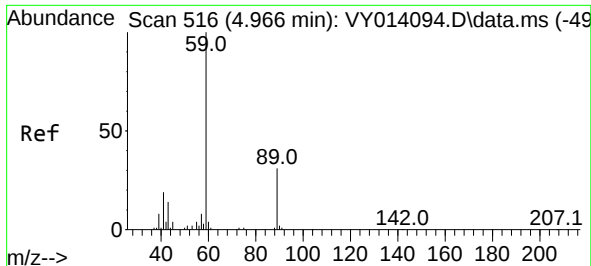
Tgt Ion:101 Resp: 114982
Ion Ratio Lower Upper
101 100
85 46.8 36.6 55.0
151 84.3 67.0 100.6



#10
Methyl Iodide
Concen: 42.143 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion:142 Resp: 122165
Ion Ratio Lower Upper
142 100
127 48.1 37.6 56.4
141 14.5 11.8 17.8

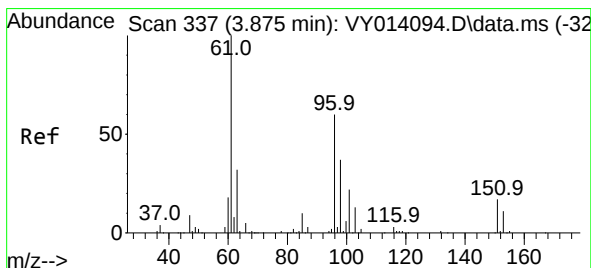
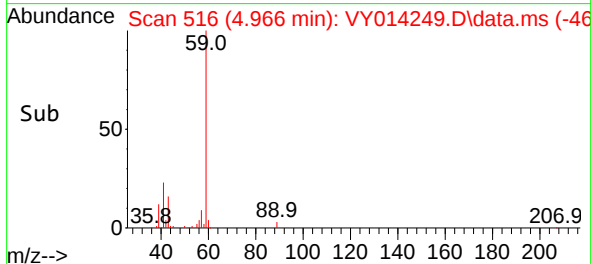
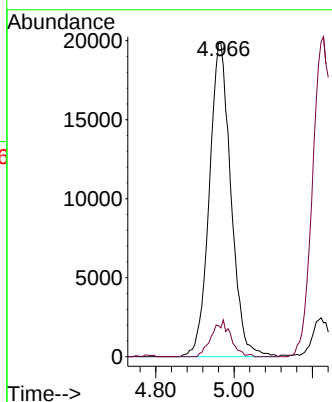
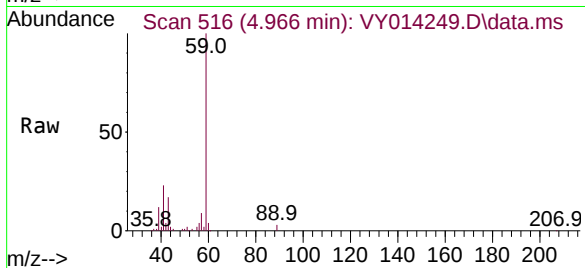




#11
Tert butyl alcohol
Concen: 241.556 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

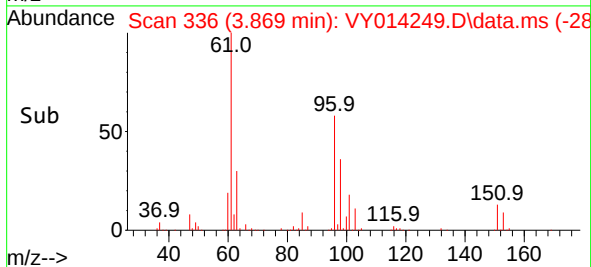
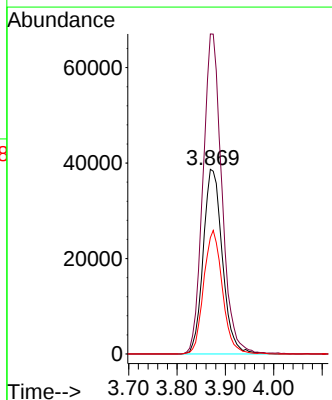
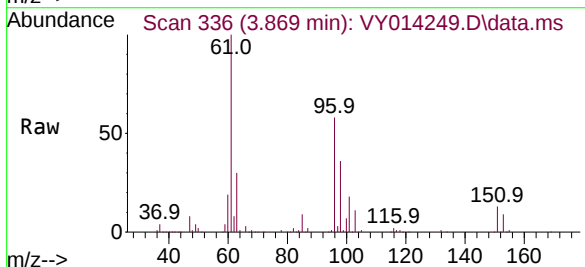
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

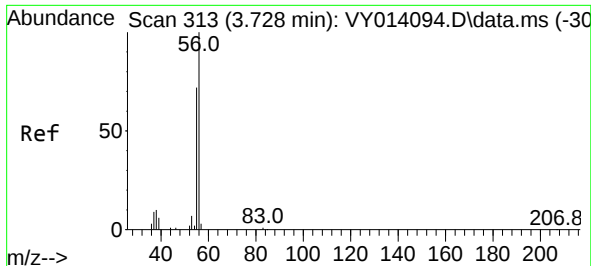
Tgt Ion: 59 Resp: 76107
Ion Ratio Lower Upper
59 100
57 5.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.919 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion: 96 Resp: 106627
Ion Ratio Lower Upper
96 100
61 173.3 136.4 204.6
98 63.0 49.4 74.2





#13

Acrolein

Concen: 215.998 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.007 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

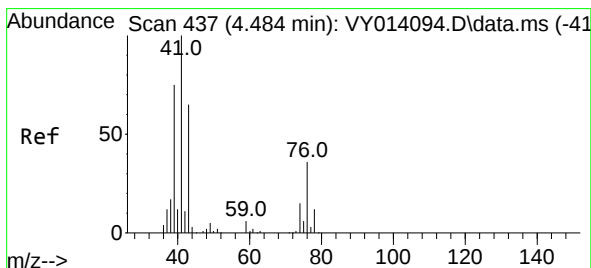
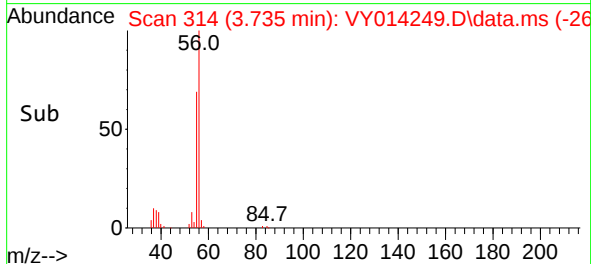
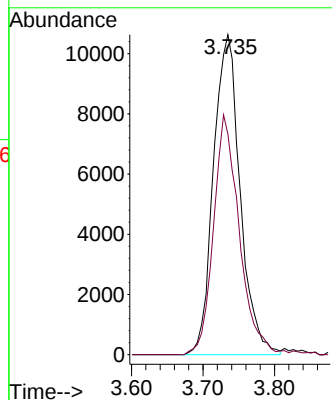
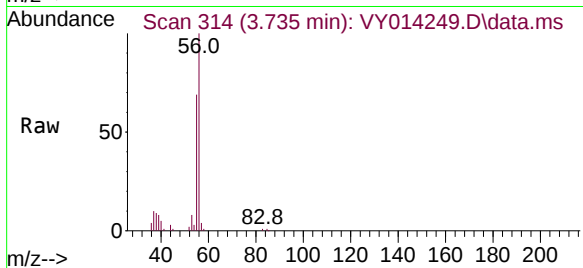
VSTDCCC050EC

Tgt Ion: 56 Resp: 27545

Ion Ratio Lower Upper

56 100

55 72.5 57.0 85.4



#14

Allyl chloride

Concen: 47.035 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.001 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

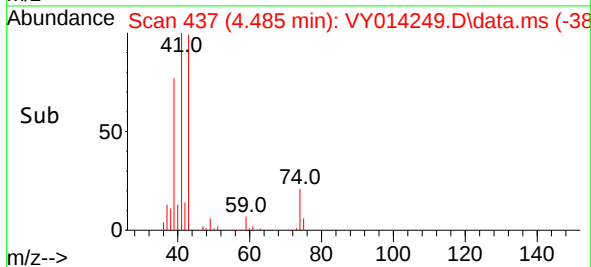
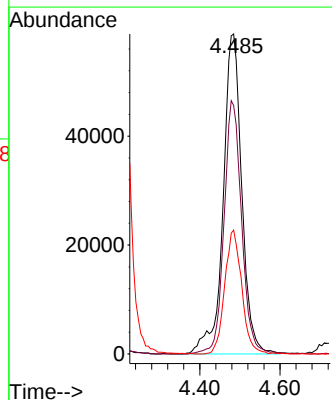
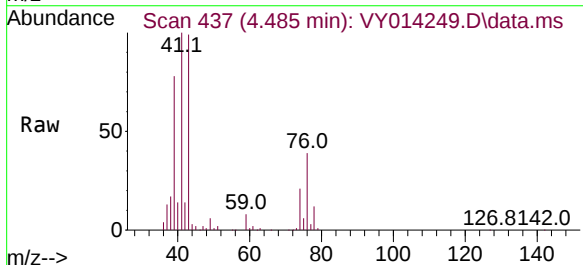
Tgt Ion: 41 Resp: 189712

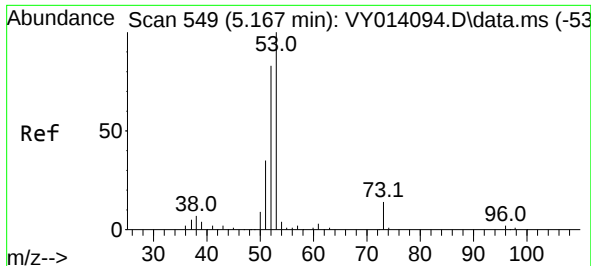
Ion Ratio Lower Upper

41 100

39 74.8 58.0 87.0

76 35.3 27.4 41.2

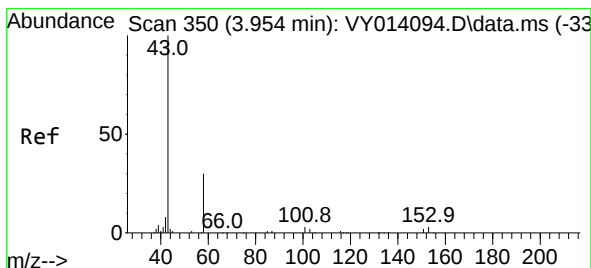
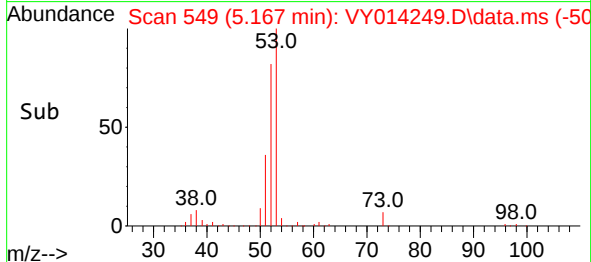
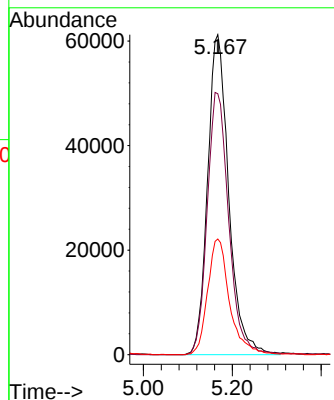
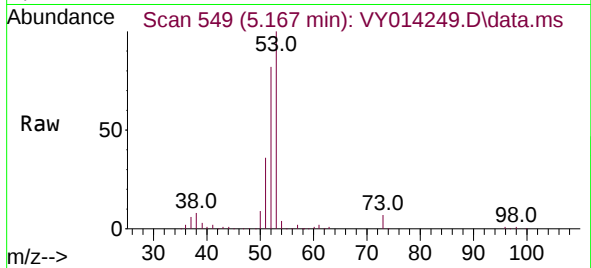




#15
Acrylonitrile
Concen: 270.516 ug/l
RT: 5.167 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

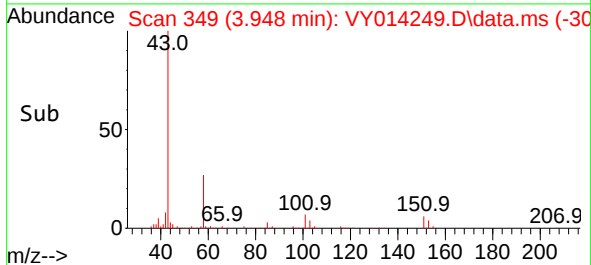
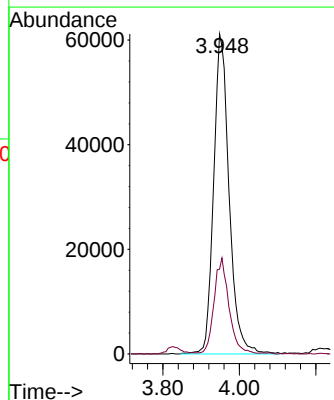
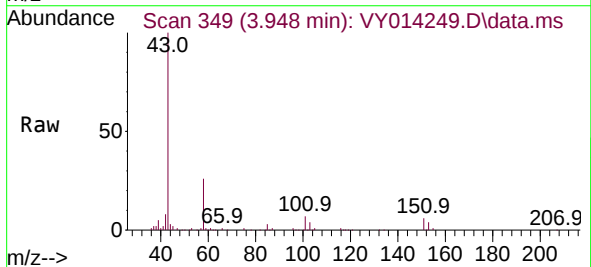
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

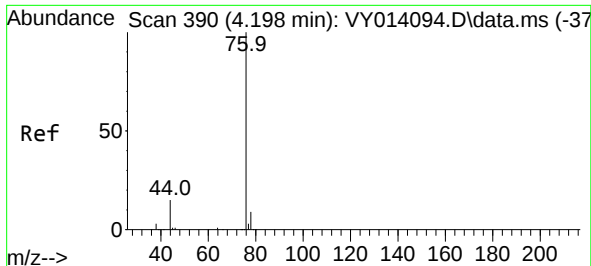
Tgt Ion: 53 Resp: 202665
Ion Ratio Lower Upper
53 100
52 83.5 66.9 100.3
51 37.5 29.8 44.6



#16
Acetone
Concen: 210.177 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion: 43 Resp: 171929
Ion Ratio Lower Upper
43 100
58 26.3 22.7 34.1

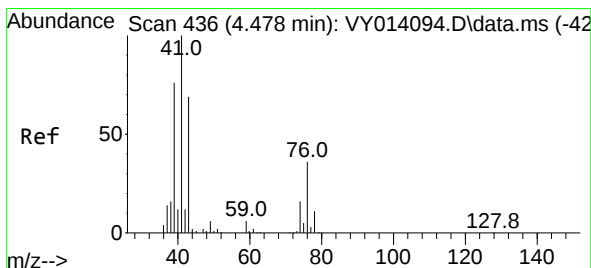
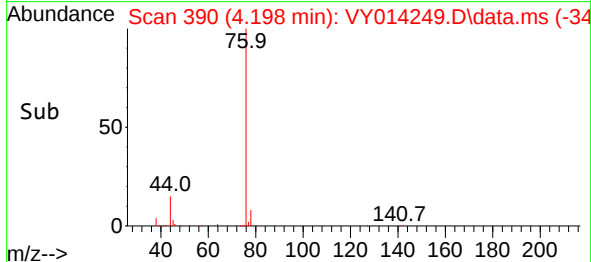
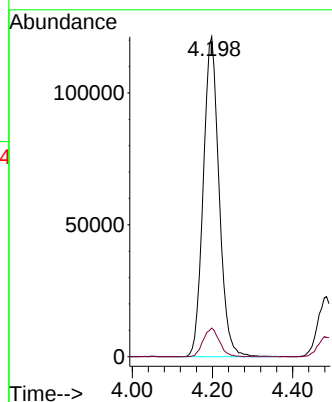
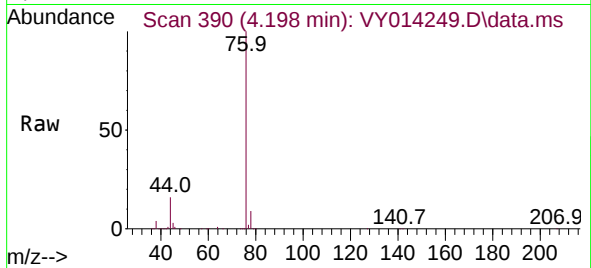




#17
Carbon Disulfide
Concen: 45.956 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

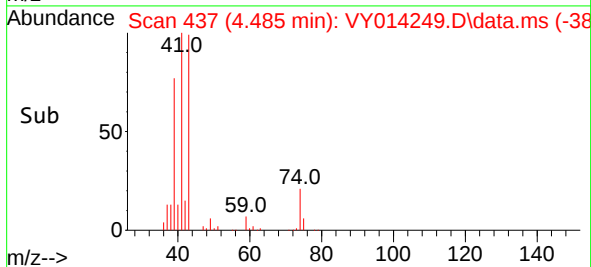
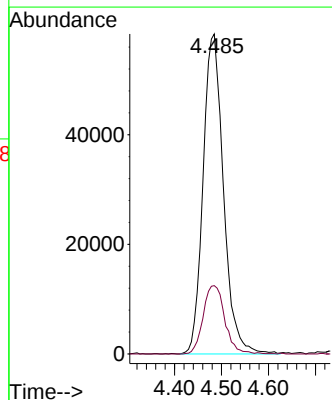
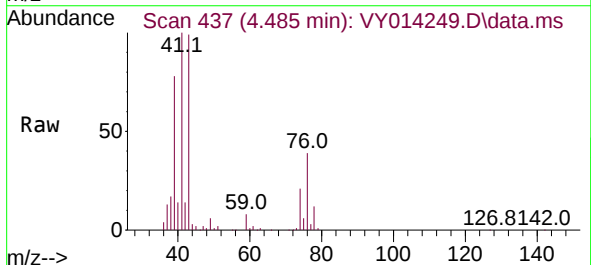
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

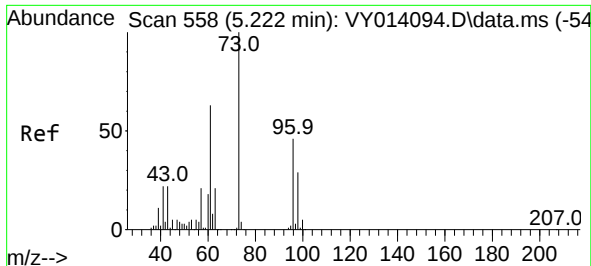
Tgt Ion: 76 Resp: 331367
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 55.366 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.007 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion: 43 Resp: 175795
Ion Ratio Lower Upper
43 100
74 22.5 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 51.207 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

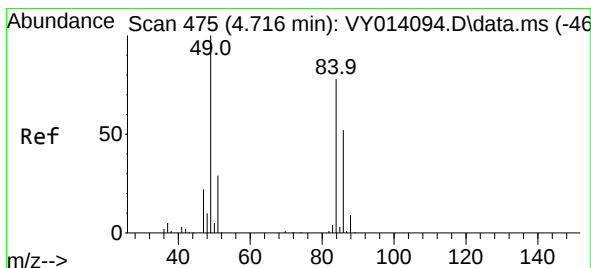
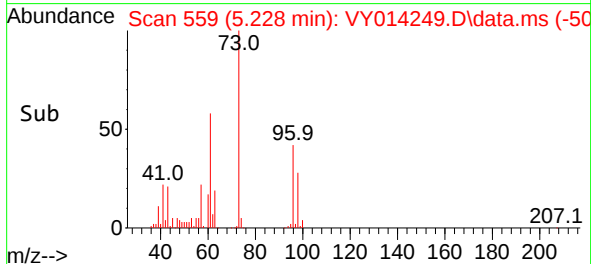
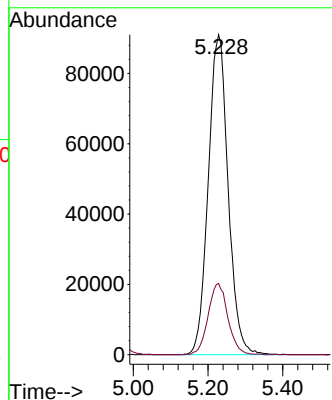
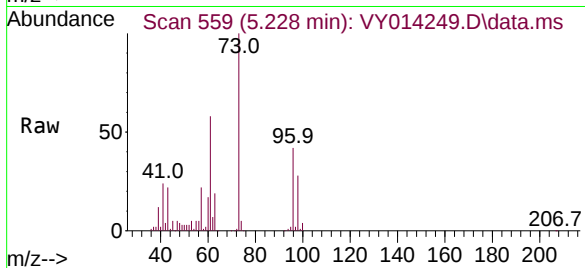
VSTDCCC050EC

Tgt Ion: 73 Resp: 336055

Ion Ratio Lower Upper

73 100

57 22.3 17.3 25.9



#20

Methylene Chloride

Concen: 56.911 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Tgt Ion: 84 Resp: 147331

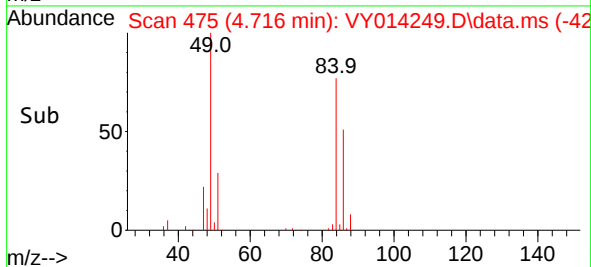
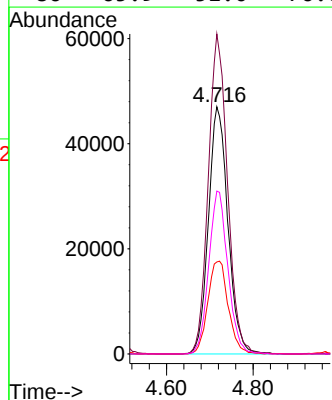
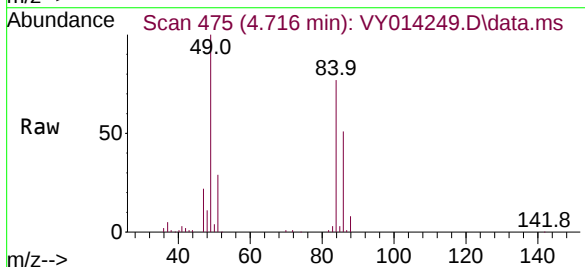
Ion Ratio Lower Upper

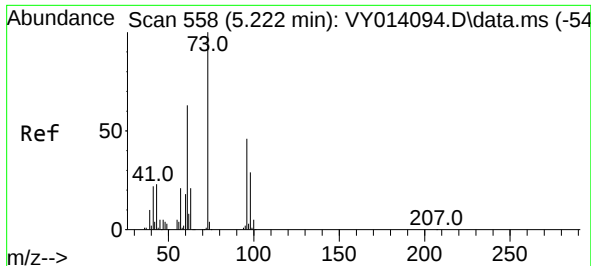
84 100

49 129.4 106.9 160.3

51 37.2 33.2 49.8

86 65.9 51.0 76.6

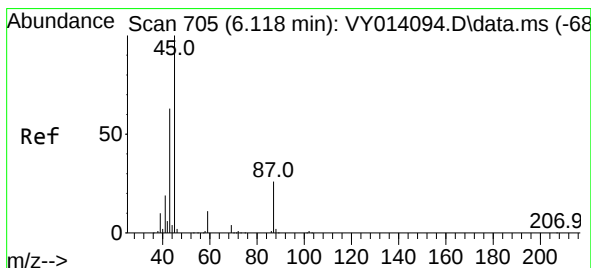
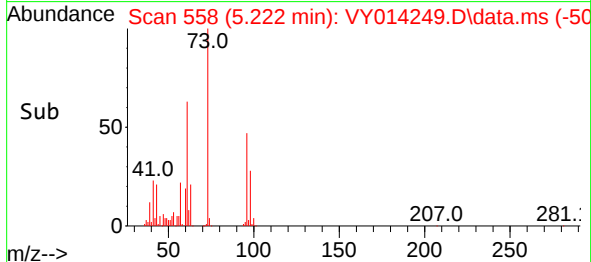
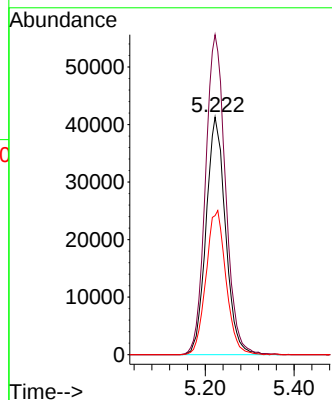
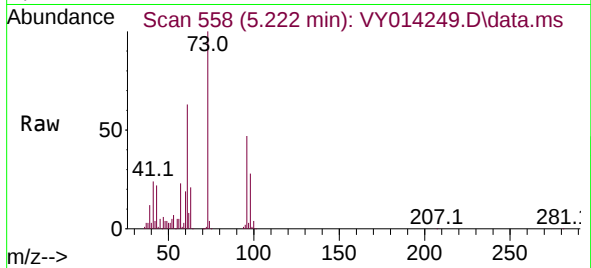




#21
trans-1,2-Dichloroethene
Concen: 50.570 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

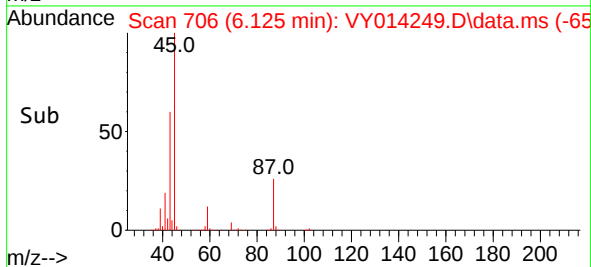
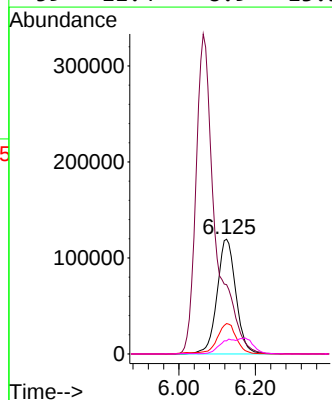
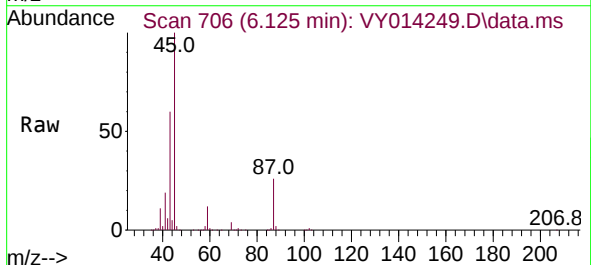
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

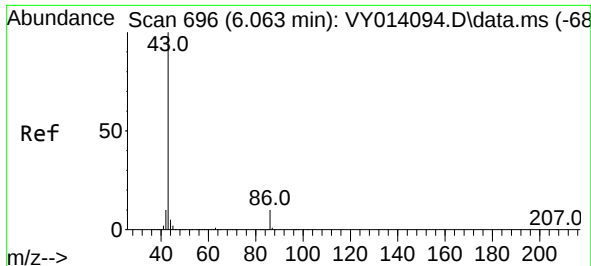
Tgt Ion: 96 Resp: 125505
Ion Ratio Lower Upper
96 100
61 134.7 110.2 165.4
98 58.6 51.8 77.6



#22
Diisopropyl ether
Concen: 52.693 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion: 45 Resp: 406928
Ion Ratio Lower Upper
45 100
43 60.2 52.2 78.4
87 26.5 21.0 31.6
59 11.4 8.9 13.3

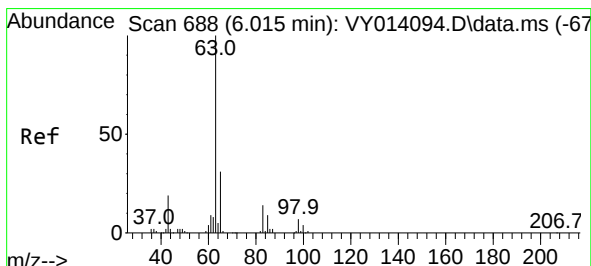
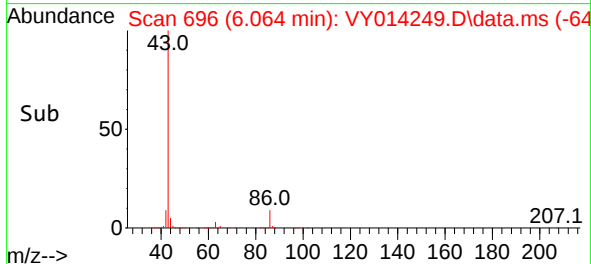
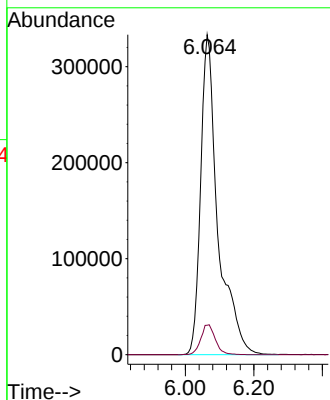
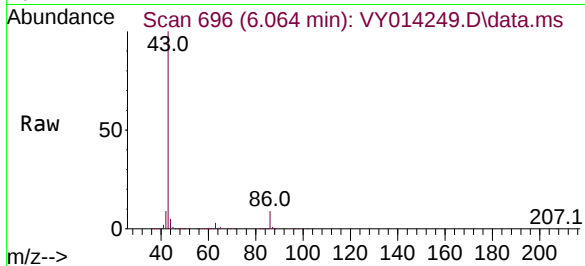




#23
 Vinyl Acetate
 Concen: 256.105 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.001 min
 Lab File: VY014249.D
 Acq: 19 Jun 2023 23:36

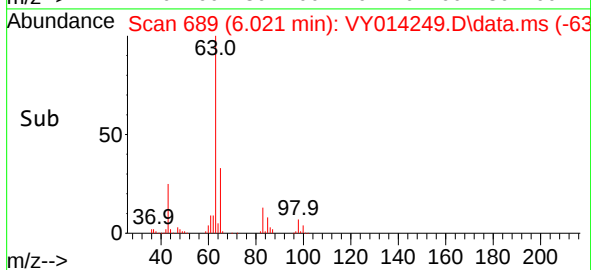
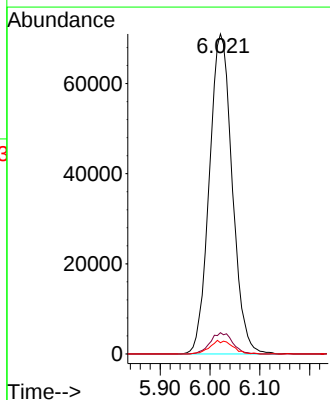
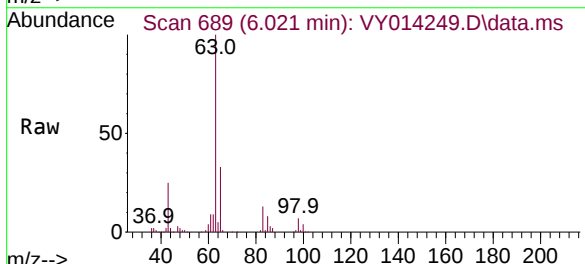
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1166939
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 50.874 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY014249.D
 Acq: 19 Jun 2023 23:36

Tgt Ion: 63 Resp: 226523
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.4
 100 3.5 1.8 5.5

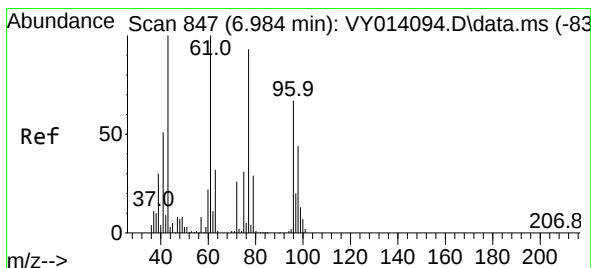
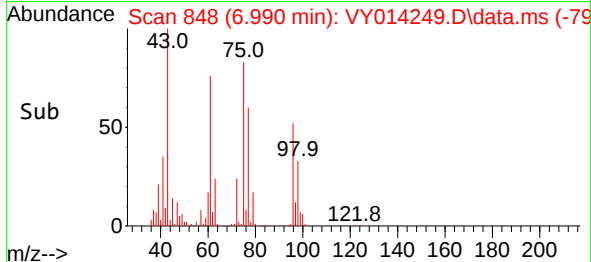
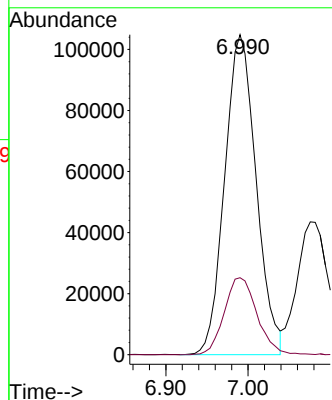
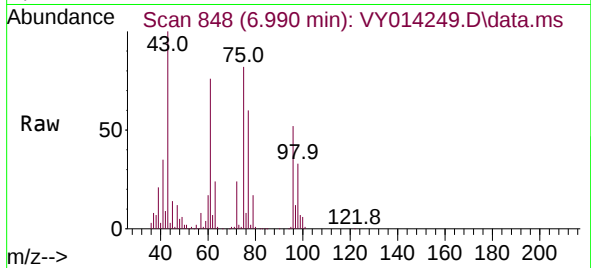




#25
2-Butanone
Concen: 277.382 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

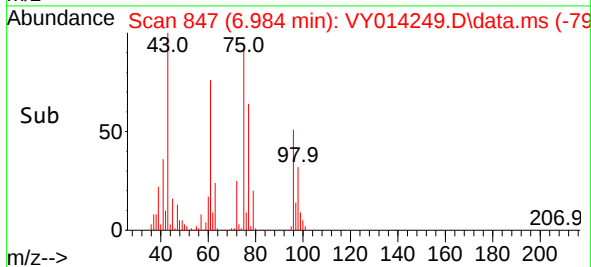
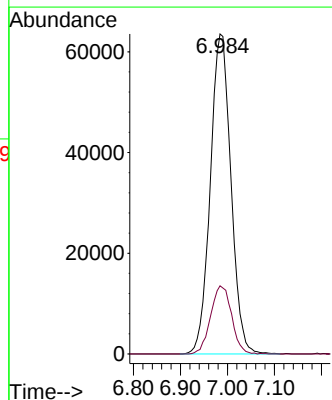
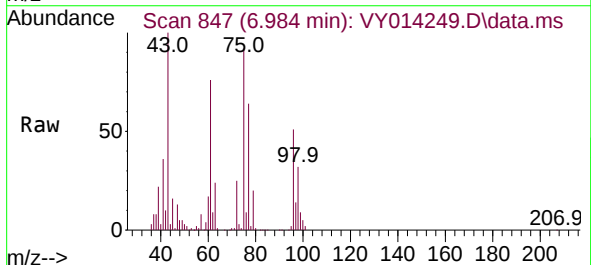
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

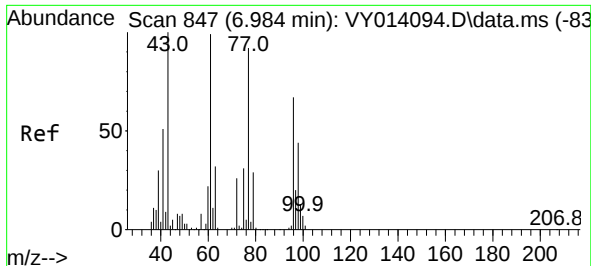
Tgt Ion: 43 Resp: 279309
Ion Ratio Lower Upper
43 100
72 24.0 20.5 30.7



#26
2,2-Dichloropropane
Concen: 46.226 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion: 77 Resp: 193321
Ion Ratio Lower Upper
77 100
97 21.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 51.864 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

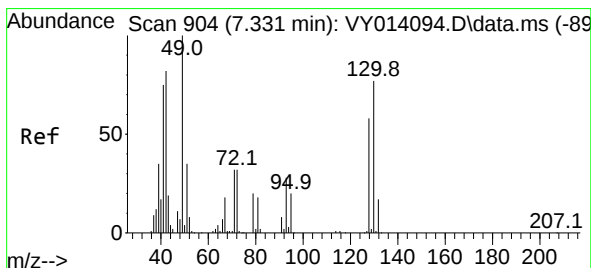
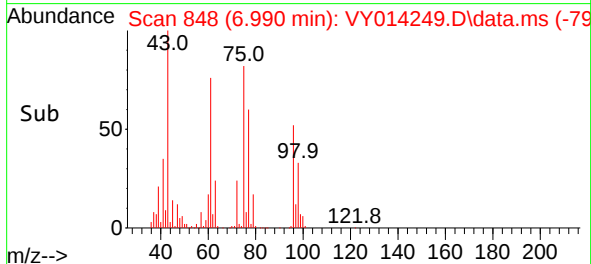
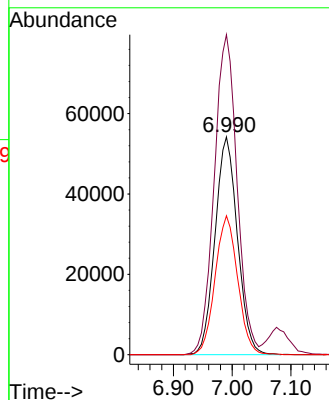
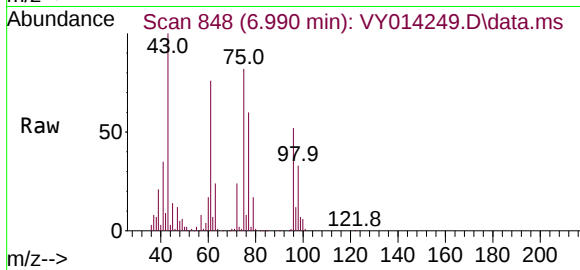
Tgt Ion: 96 Resp: 143990

Ion Ratio Lower Upper

96 100

61 149.7 0.0 301.4

98 64.2 0.0 130.4



#28

Bromochloromethane

Concen: 49.301 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.007 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

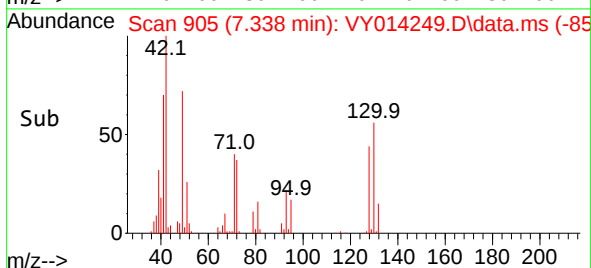
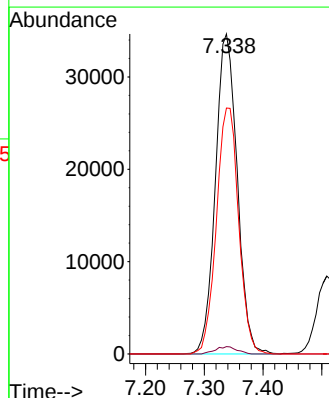
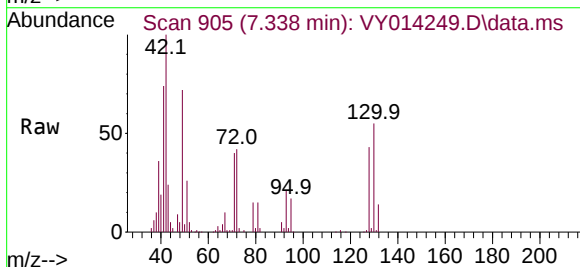
Tgt Ion: 49 Resp: 89271

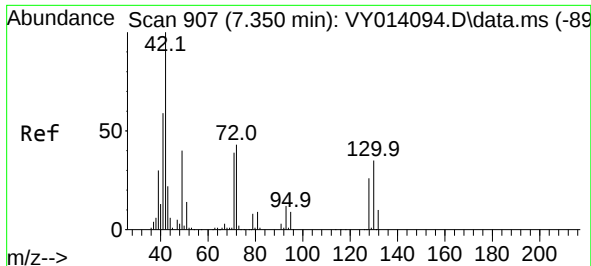
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 78.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 286.406 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

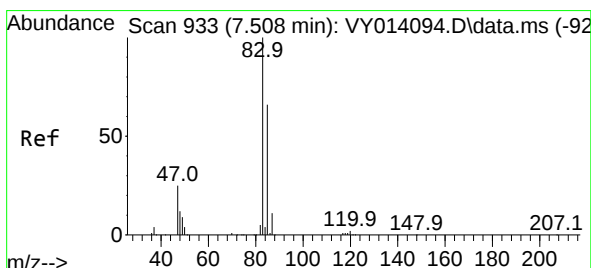
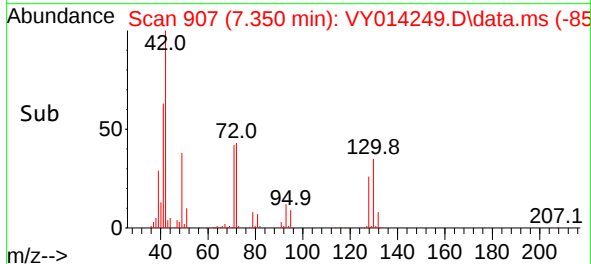
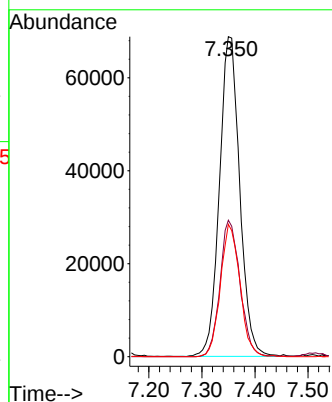
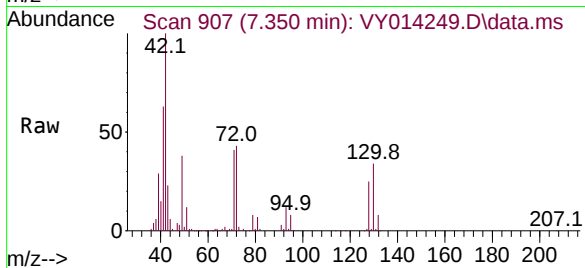
Tgt Ion: 42 Resp: 182875

Ion Ratio Lower Upper

42 100

72 42.1 32.8 49.2

71 39.8 31.0 46.4



#30

Chloroform

Concen: 52.918 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY014249.D

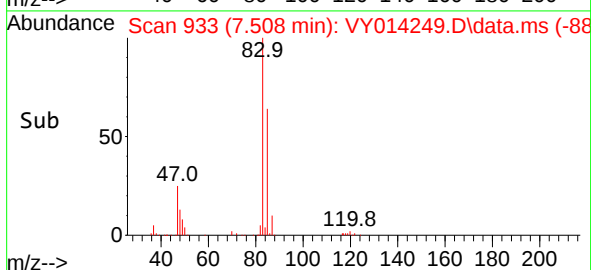
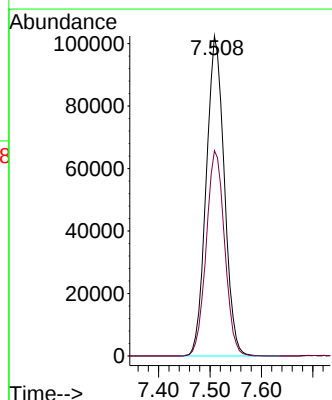
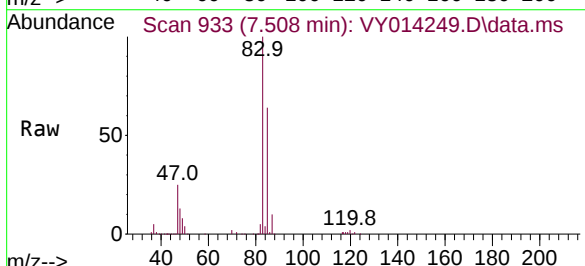
Acq: 19 Jun 2023 23:36

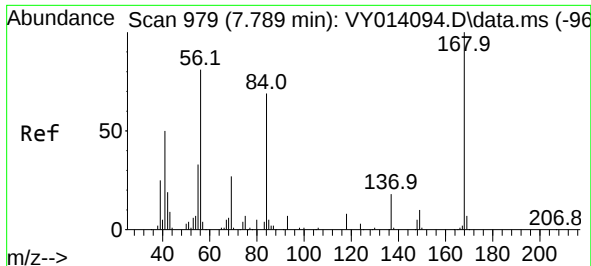
Tgt Ion: 83 Resp: 249971

Ion Ratio Lower Upper

83 100

85 64.1 49.7 74.5

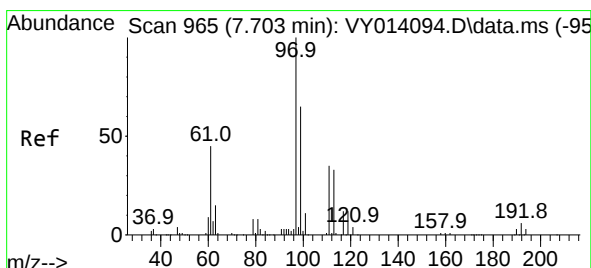
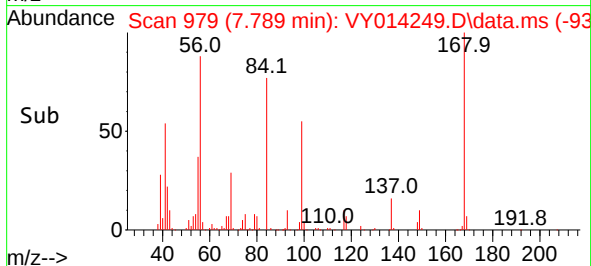
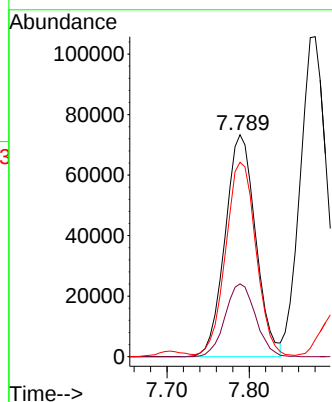
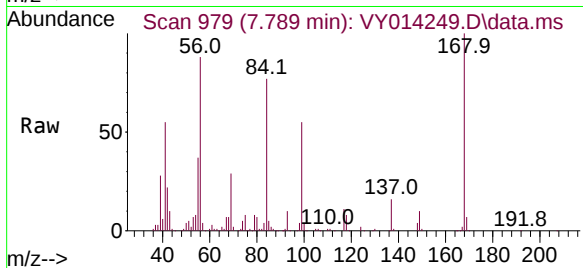




#31
Cyclohexane
Concen: 52.112 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

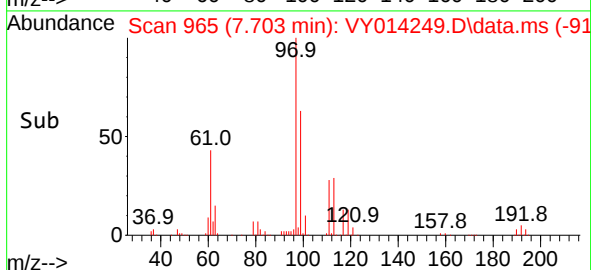
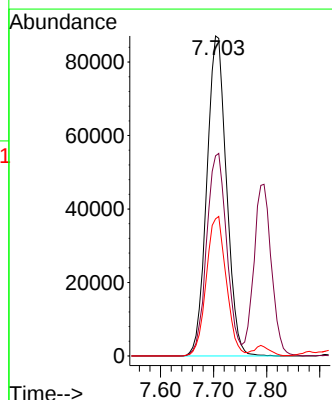
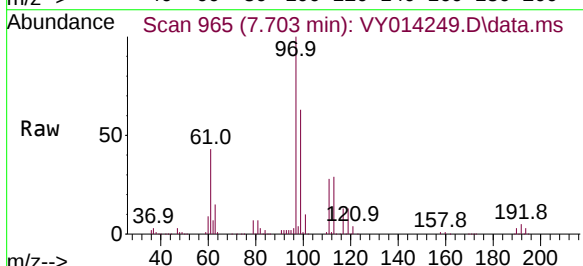
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

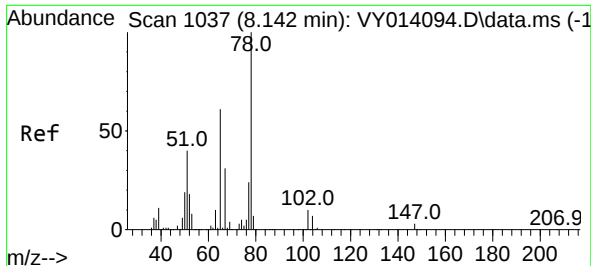
Tgt Ion: 56 Resp: 189448
Ion Ratio Lower Upper
56 100
69 32.8 27.8 41.6
84 85.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 52.557 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion: 97 Resp: 223916
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 44.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.339 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

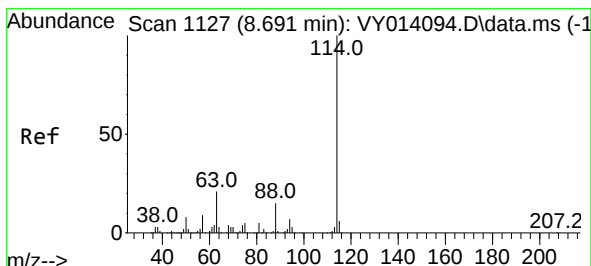
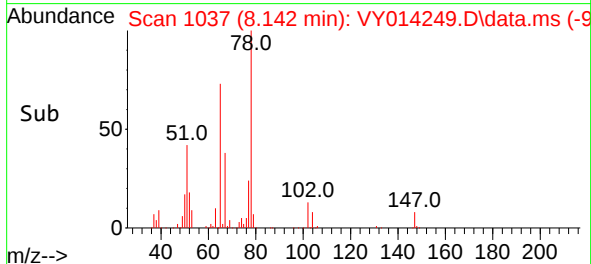
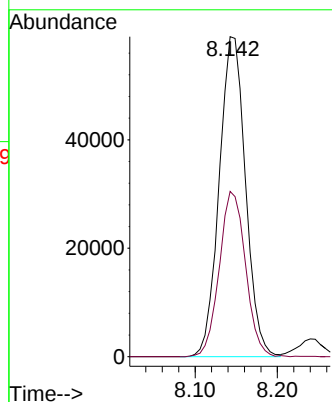
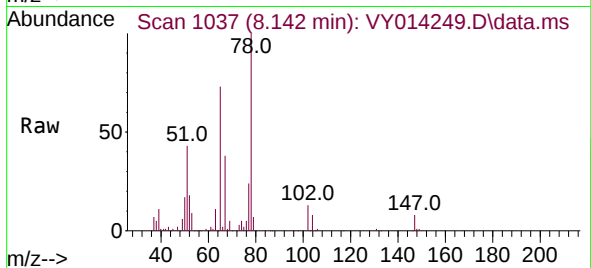
VSTDCCC050EC

Tgt Ion: 65 Resp: 131183

Ion Ratio Lower Upper

65 100

67 51.5 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: VY014249.D

Acq: 19 Jun 2023 23:36

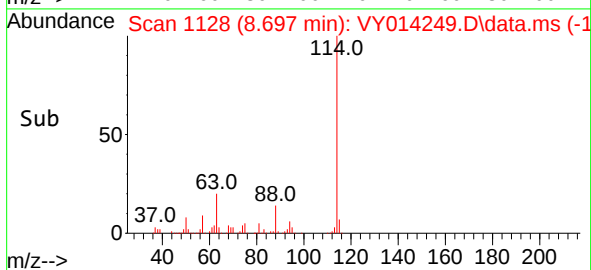
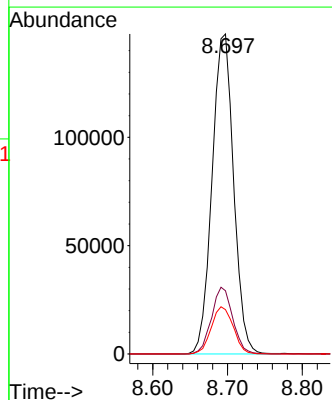
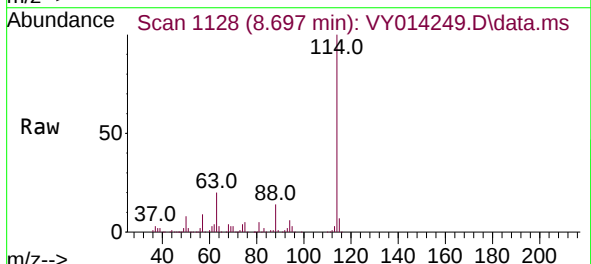
Tgt Ion: 114 Resp: 295778

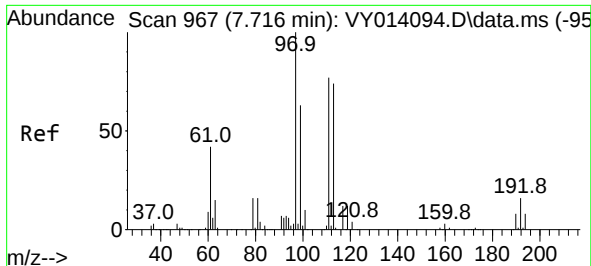
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 13.9 0.0 30.6

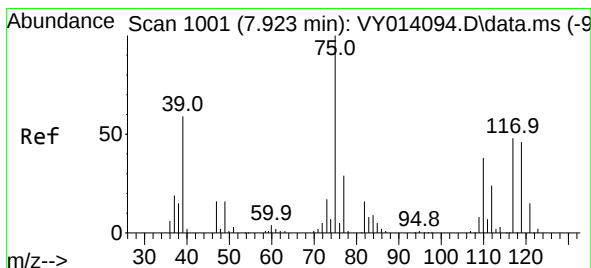
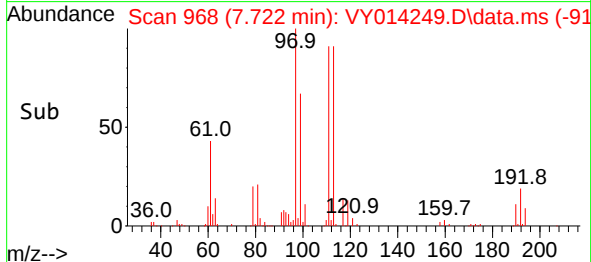
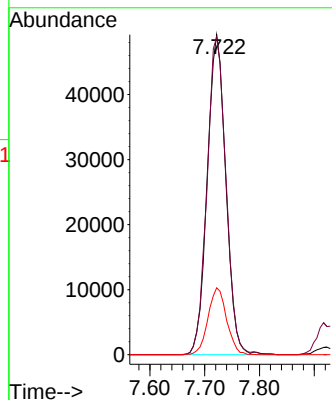
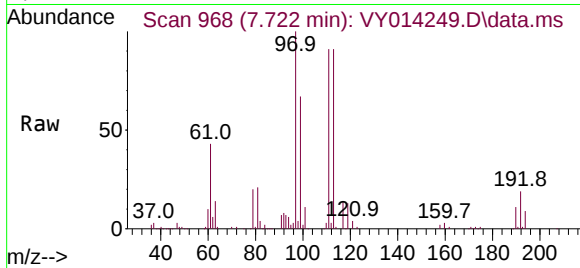




#35
Dibromofluoromethane
Concen: 55.246 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

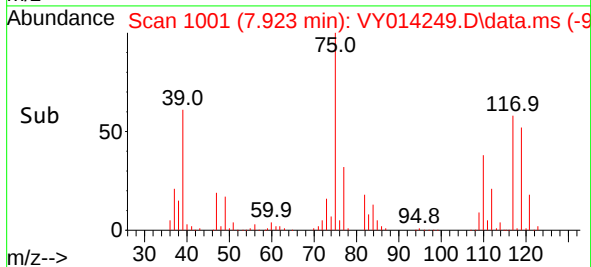
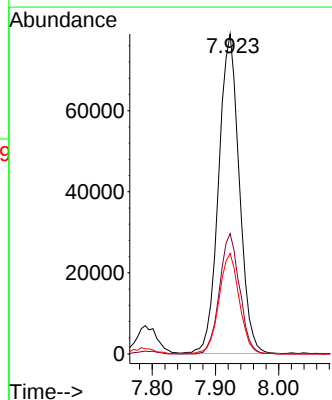
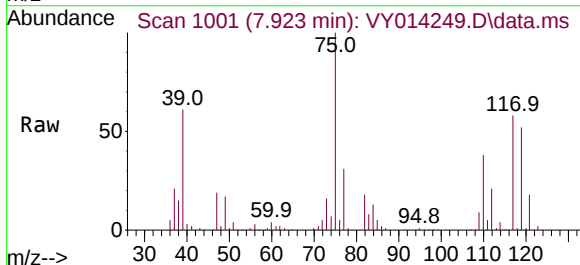
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

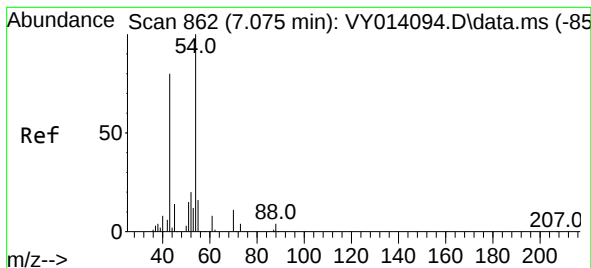
Tgt Ion:113 Resp: 115884
Ion Ratio Lower Upper
113 100
111 101.2 81.3 121.9
192 20.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 54.458 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion: 75 Resp: 178086
Ion Ratio Lower Upper
75 100
110 36.5 17.8 53.5
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 53.457 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.001 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

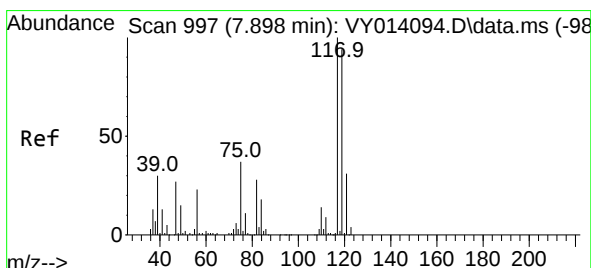
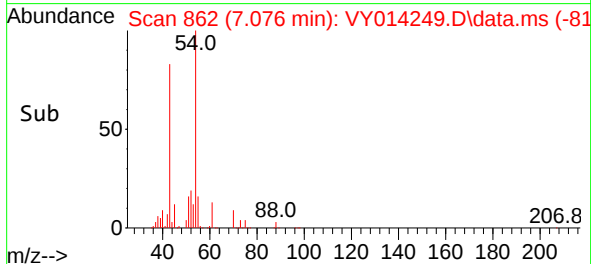
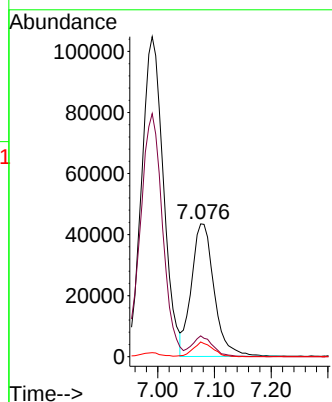
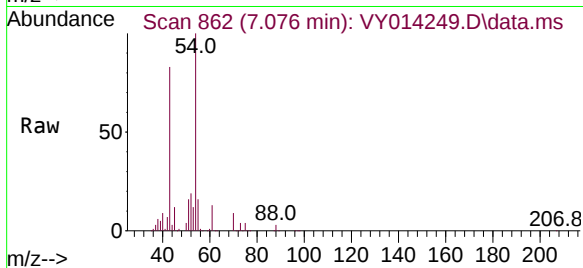
Tgt Ion: 43 Resp: 120619

Ion Ratio Lower Upper

43 100

61 14.1 10.1 15.1

70 9.5 7.1 10.7



#38

Carbon Tetrachloride

Concen: 55.969 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.007 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

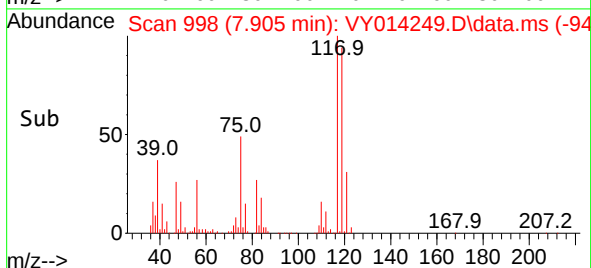
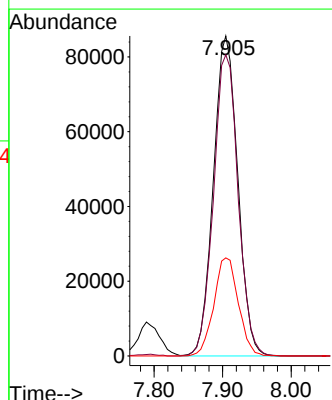
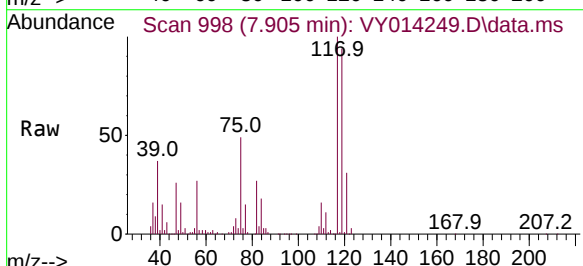
Tgt Ion: 117 Resp: 211210

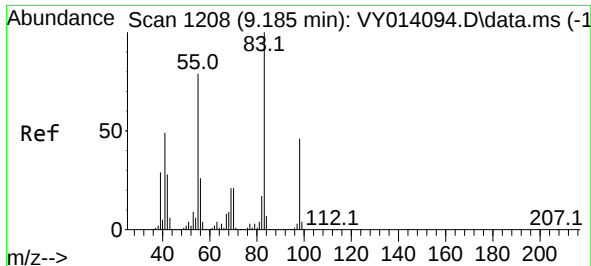
Ion Ratio Lower Upper

117 100

119 94.1 76.4 114.6

121 30.7 25.8 38.6





#39

Methylcyclohexane

Concen: 58.243 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

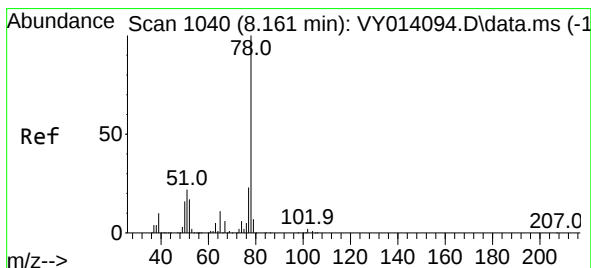
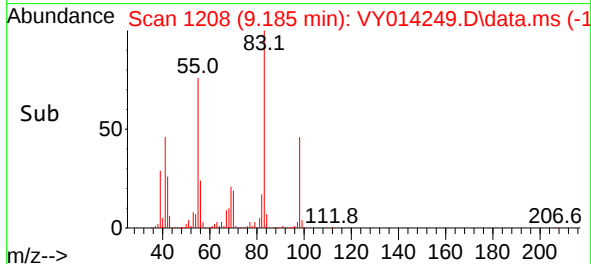
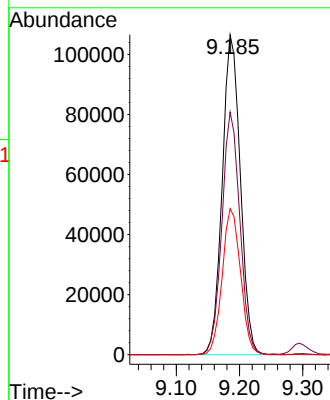
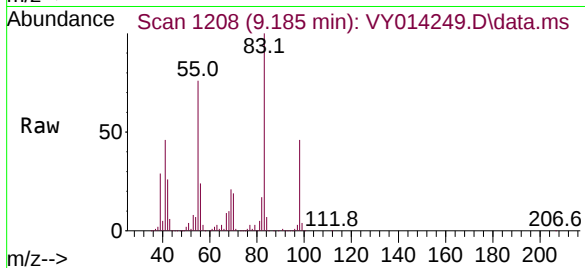
Tgt Ion: 83 Resp: 211322

Ion Ratio Lower Upper

83 100

55 75.8 63.0 94.4

98 45.7 37.4 56.2



#40

Benzene

Concen: 53.779 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY014249.D

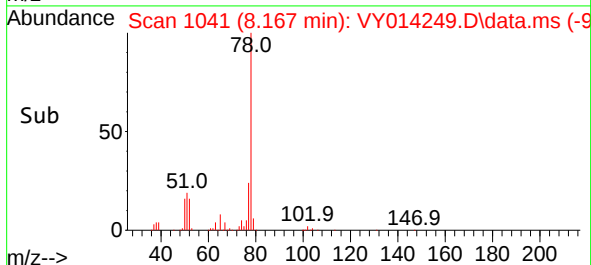
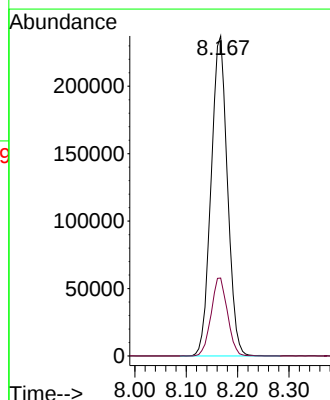
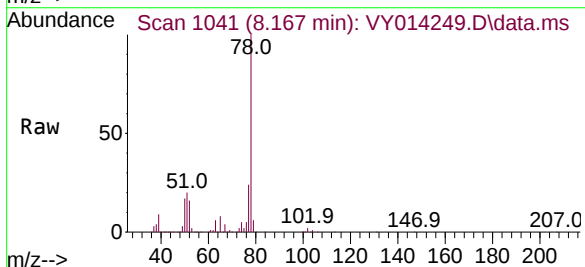
Acq: 19 Jun 2023 23:36

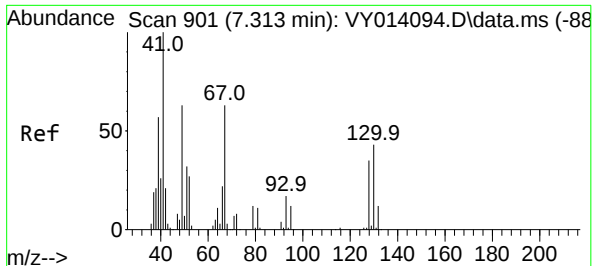
Tgt Ion: 78 Resp: 522954

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.6

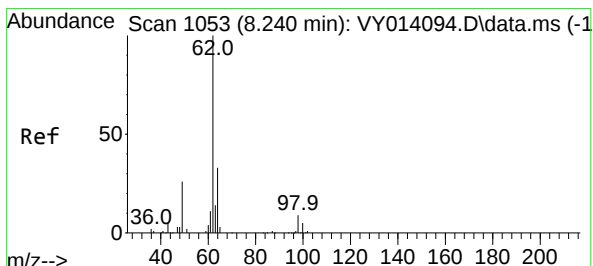
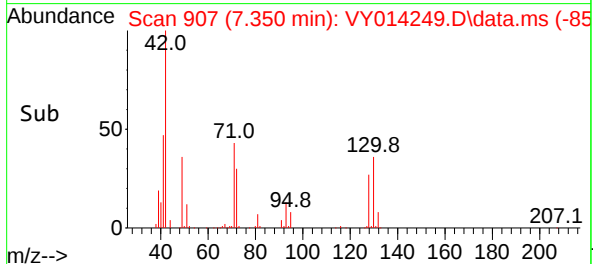
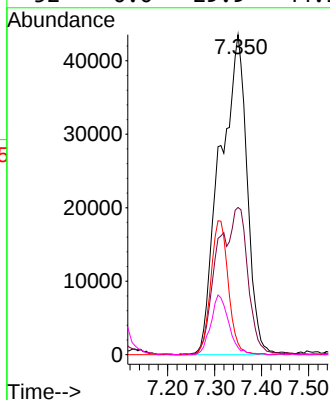
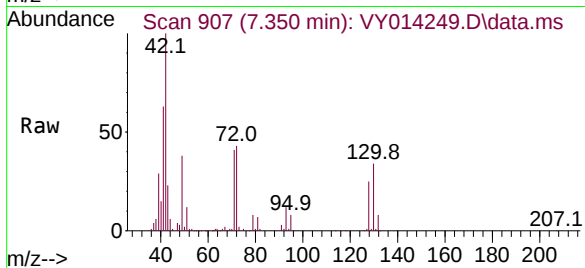




#41
Methacrylonitrile
Concen: 150.776 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

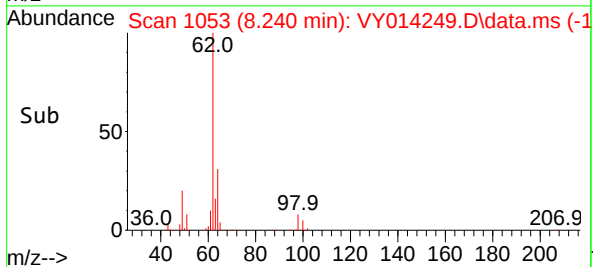
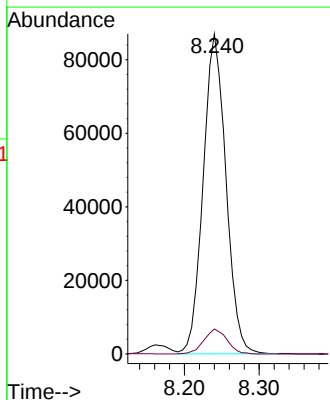
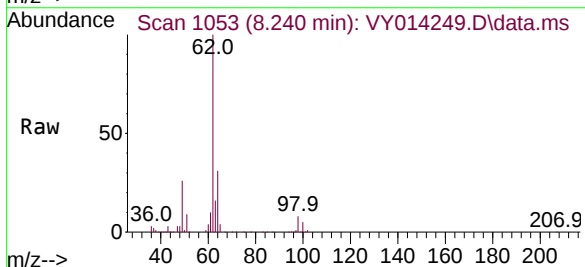
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

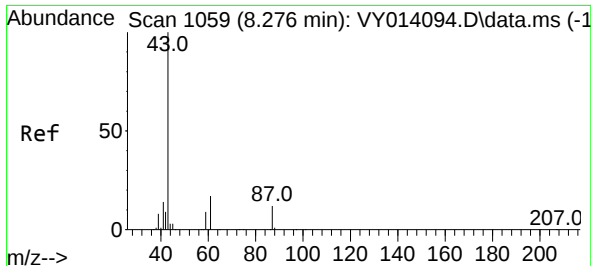
Tgt Ion: 41 Resp: 173625
Ion Ratio Lower Upper
41 100
39 27.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 53.507 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion: 62 Resp: 183994
Ion Ratio Lower Upper
62 100
98 7.9 0.0 15.8

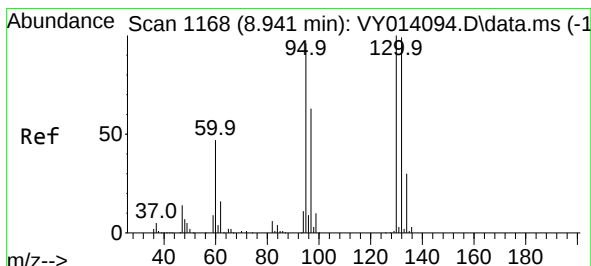
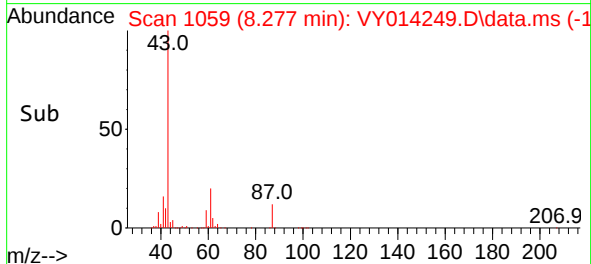
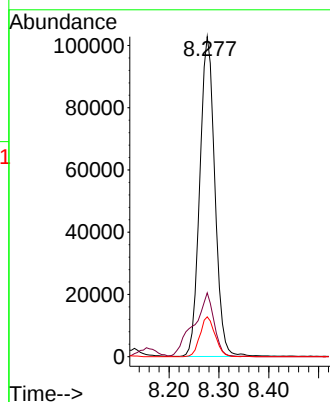
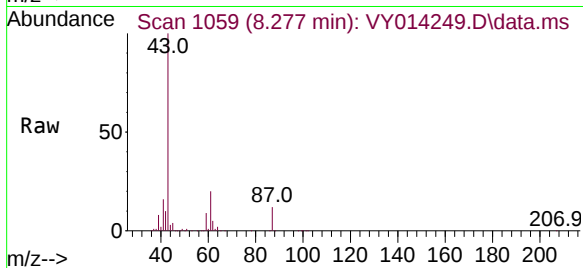




#43
Isopropyl Acetate
Concen: 54.489 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.001 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

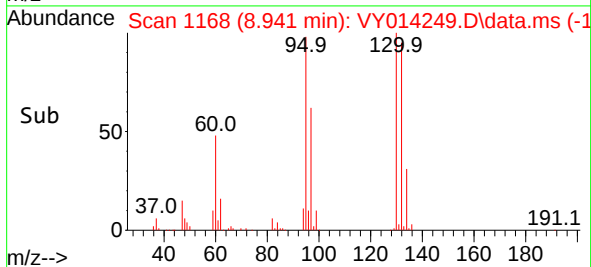
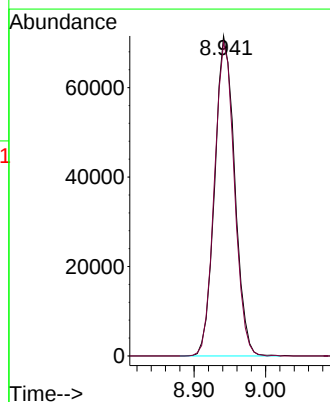
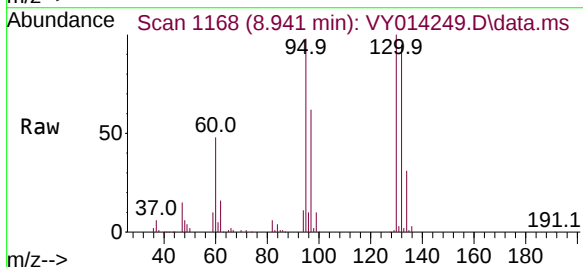
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

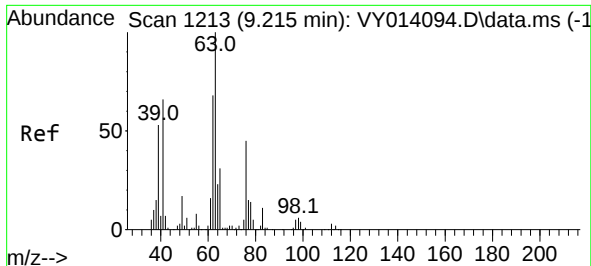
Tgt Ion: 43 Resp: 215486
Ion Ratio Lower Upper
43 100
61 27.0 21.1 31.7
87 12.5 9.8 14.8



#44
Trichloroethene
Concen: 53.627 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion:130 Resp: 139327
Ion Ratio Lower Upper
130 100
95 98.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 53.184 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.007 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

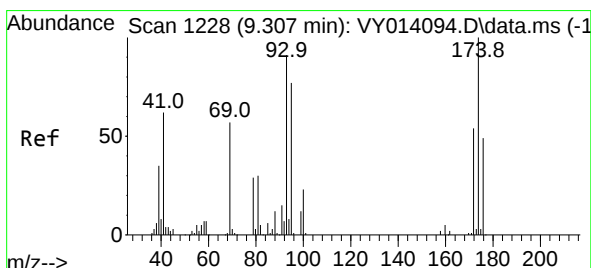
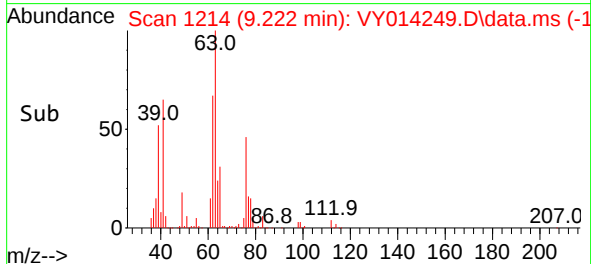
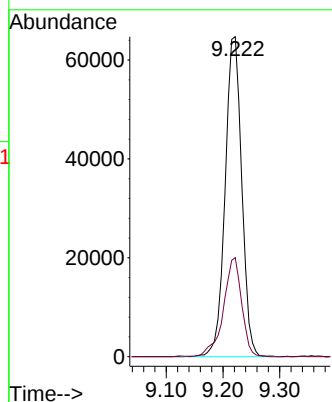
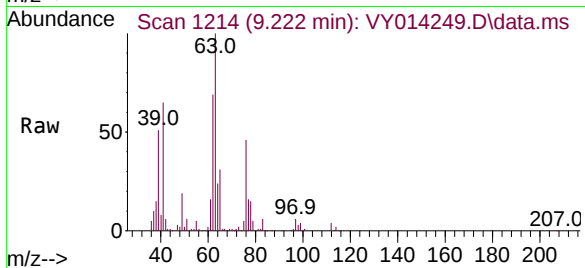
VSTDCCC050EC

Tgt Ion: 63 Resp: 131362

Ion Ratio Lower Upper

63 100

65 30.9 23.8 35.6



#46

Dibromomethane

Concen: 53.640 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

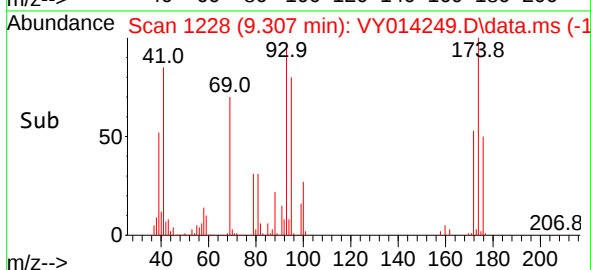
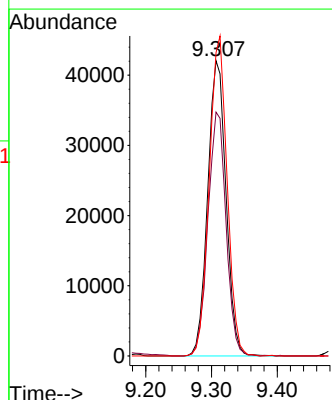
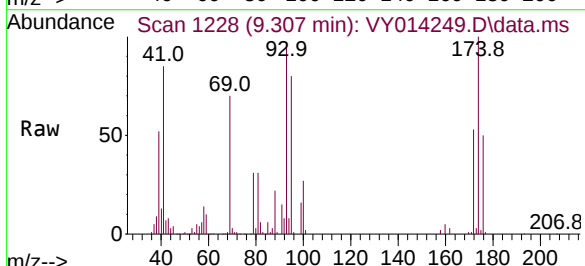
Tgt Ion: 93 Resp: 81554

Ion Ratio Lower Upper

93 100

95 81.5 66.6 100.0

174 105.9 84.8 127.2

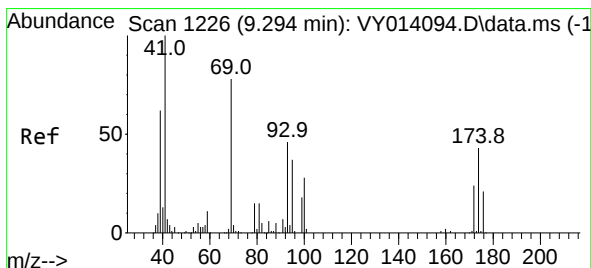
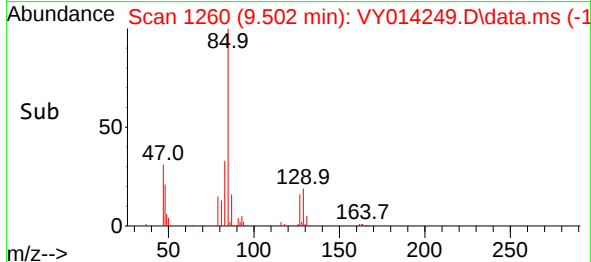
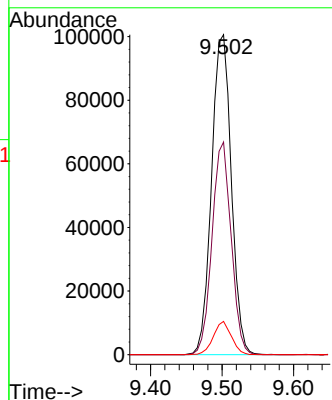
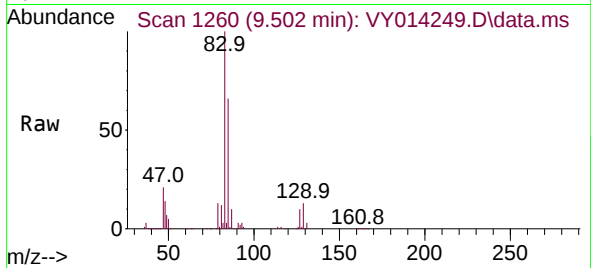




#47
Bromodichloromethane
Concen: 54.176 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

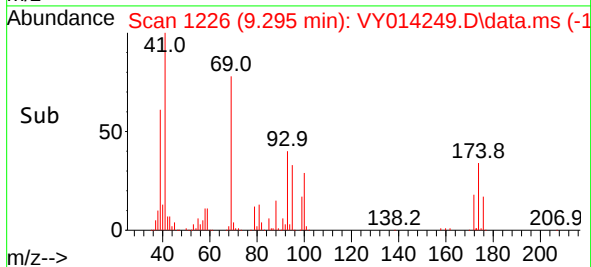
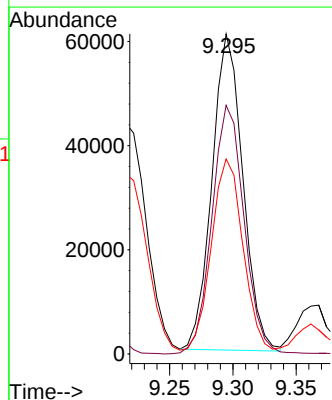
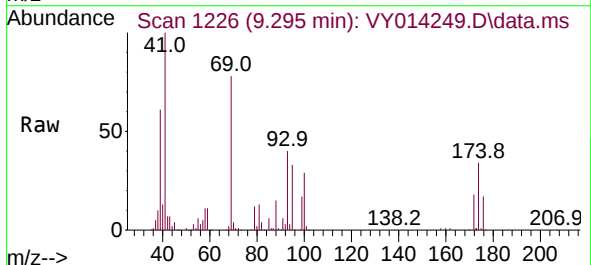
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

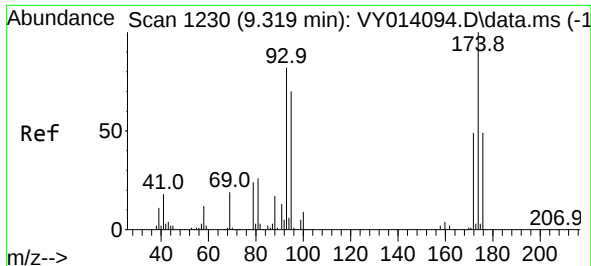
Tgt Ion: 83 Resp: 192859
Ion Ratio Lower Upper
83 100
85 66.5 50.1 75.1
127 10.4 7.1 10.7



#48
Methyl methacrylate
Concen: 55.747 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion: 41 Resp: 102828
Ion Ratio Lower Upper
41 100
69 82.3 64.5 96.7
39 61.9 50.8 76.2





#49

1,4-Dioxane

Concen: 1190.134 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

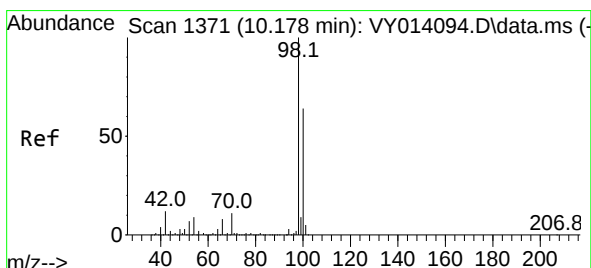
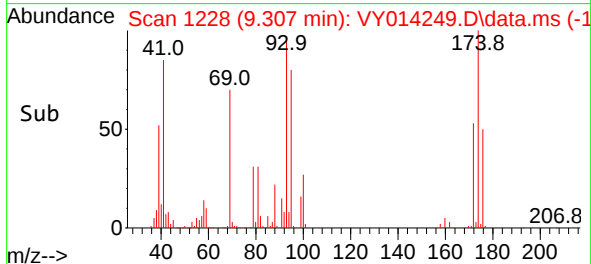
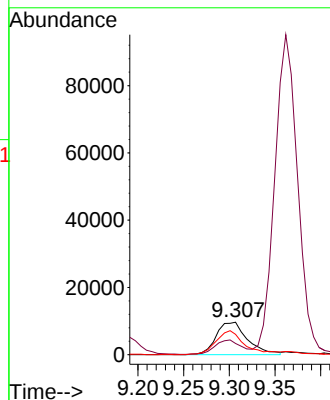
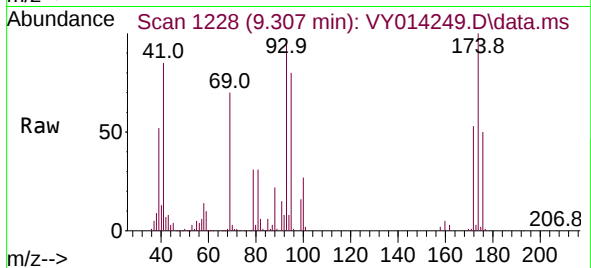
Tgt Ion: 88 Resp: 22992

Ion Ratio Lower Upper

88 100

43 37.8 0.0 0.0#

58 68.8 30.9 46.3#



#50

Toluene-d8

Concen: 49.344 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.007 min

Lab File: VY014249.D

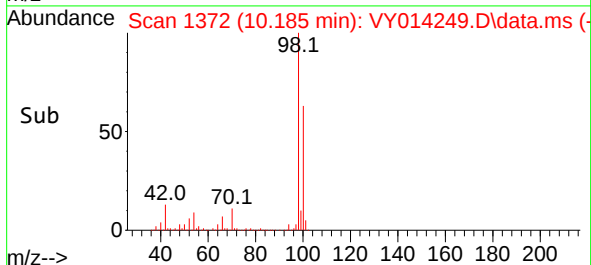
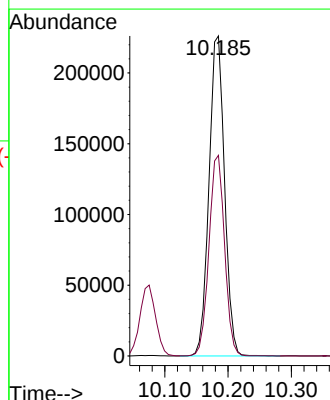
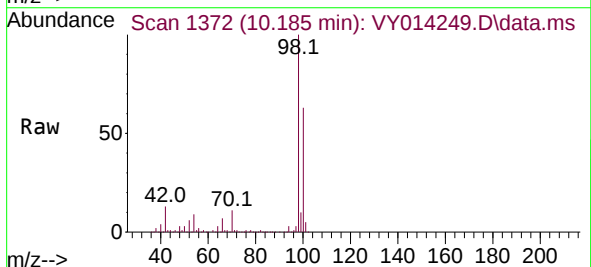
Acq: 19 Jun 2023 23:36

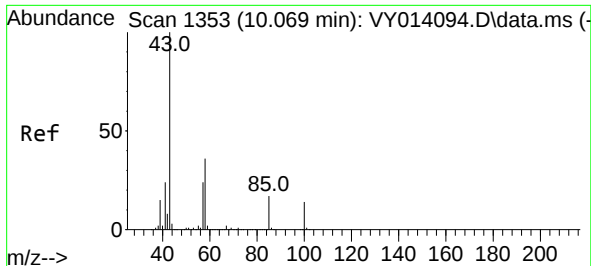
Tgt Ion: 98 Resp: 386956

Ion Ratio Lower Upper

98 100

100 62.9 50.1 75.1

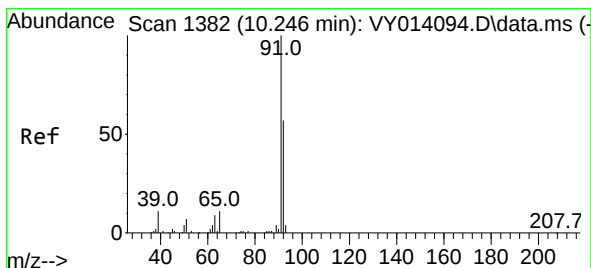
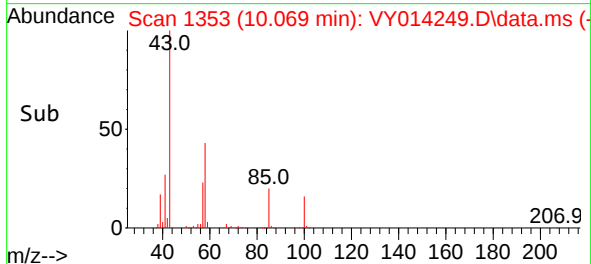
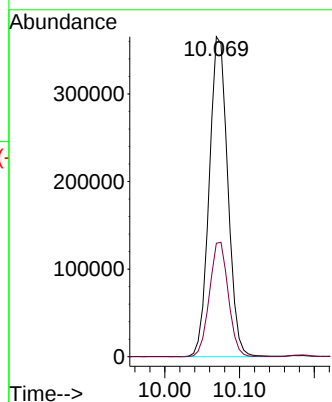
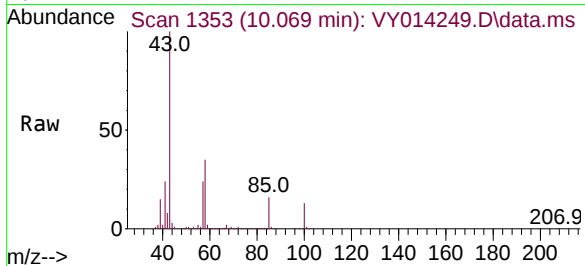




#51
4-Methyl-2-Pentanone
Concen: 293.361 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

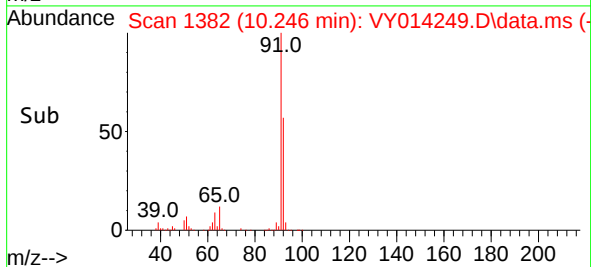
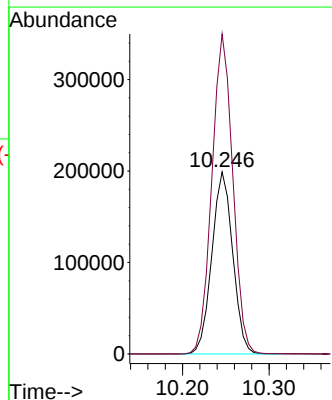
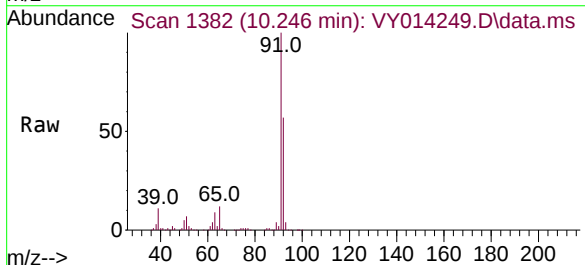
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

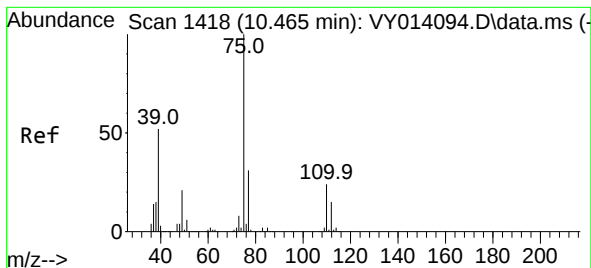
Tgt Ion: 43 Resp: 630297
Ion Ratio Lower Upper
43 100
58 36.3 29.0 43.6



#52
Toluene
Concen: 55.232 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion: 92 Resp: 332938
Ion Ratio Lower Upper
92 100
91 176.2 143.8 215.6

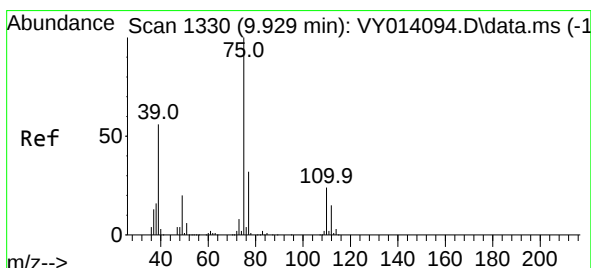
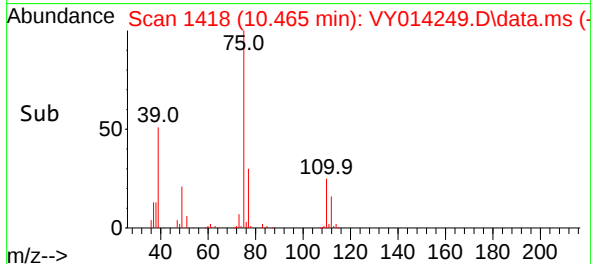
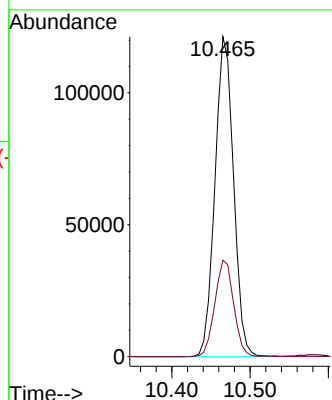
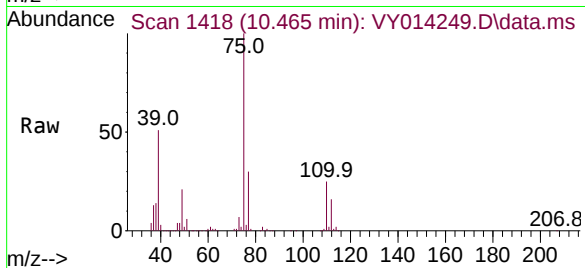




#53
t-1,3-Dichloropropene
Concen: 53.357 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

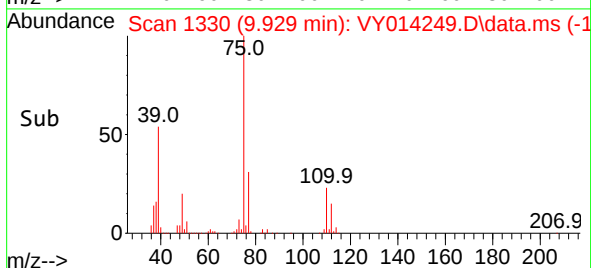
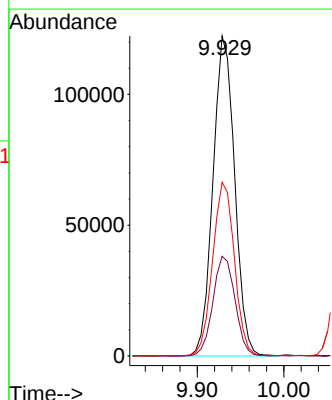
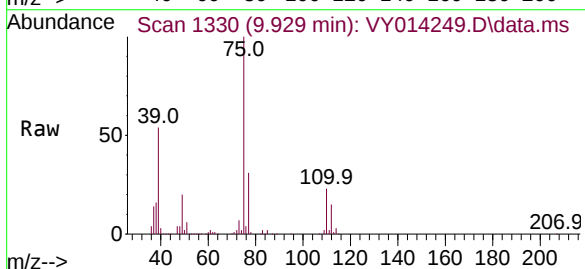
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

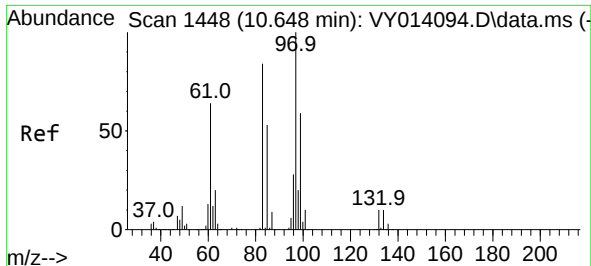
Tgt Ion: 75 Resp: 199958
Ion Ratio Lower Upper
75 100
77 30.1 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 52.018 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion: 75 Resp: 212692
Ion Ratio Lower Upper
75 100
77 31.2 24.2 36.4
39 54.2 42.2 63.4

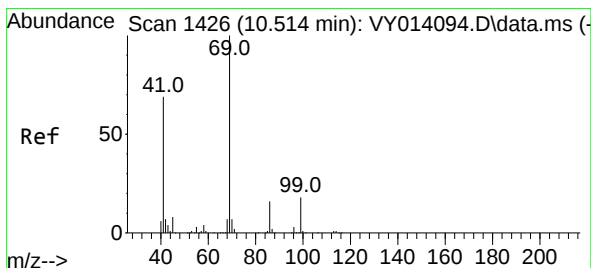
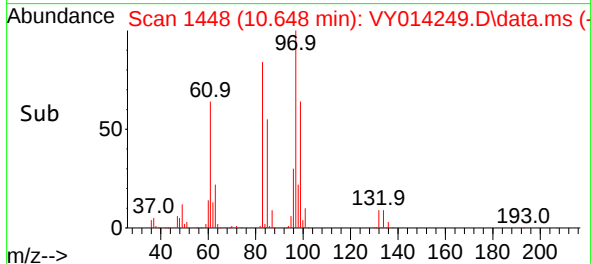
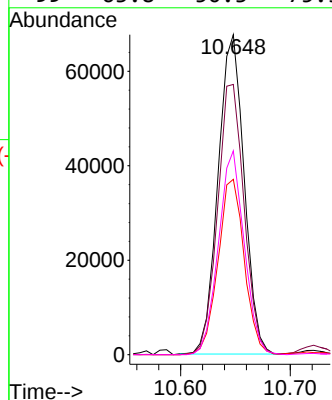
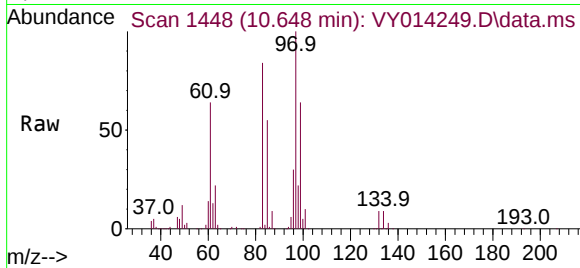




#55
1,1,2-Trichloroethane
Concen: 55.380 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

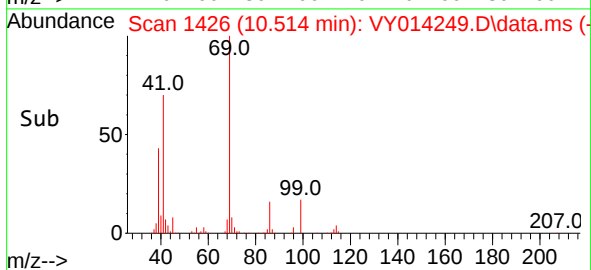
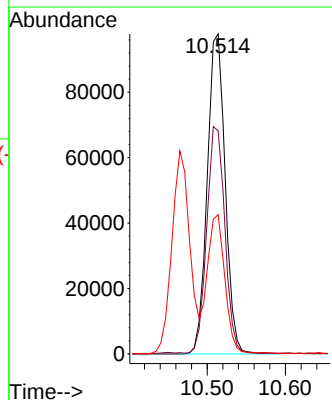
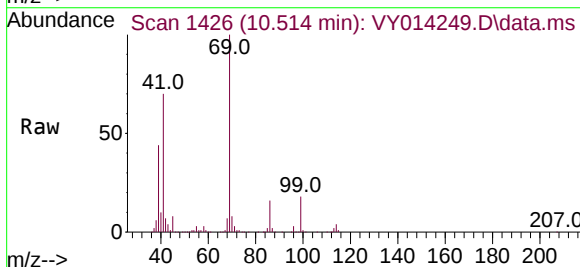
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

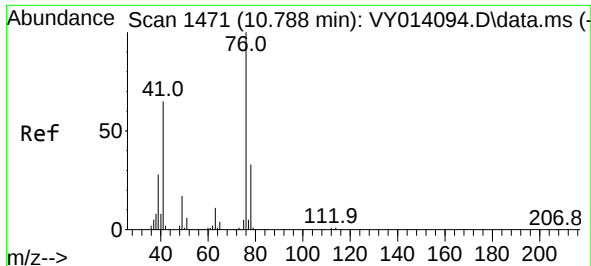
Tgt Ion:	97	Resp:	111679
Ion	Ratio	Lower	Upper
97	100		
83	84.6	72.0	108.0
85	54.9	45.4	68.0
99	63.8	50.3	75.5



#56
Ethyl methacrylate
Concen: 55.831 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion:	69	Resp:	155296
Ion	Ratio	Lower	Upper
69	100		
41	71.3	57.6	86.4
39	42.1	34.1	51.1





#57

1,3-Dichloropropane

Concen: 54.828 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

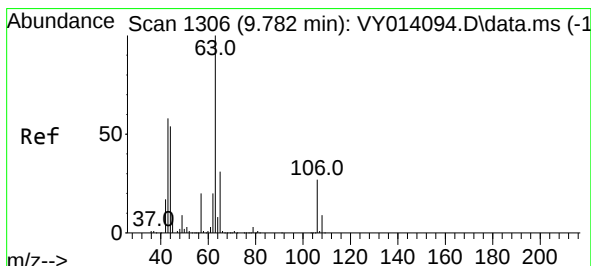
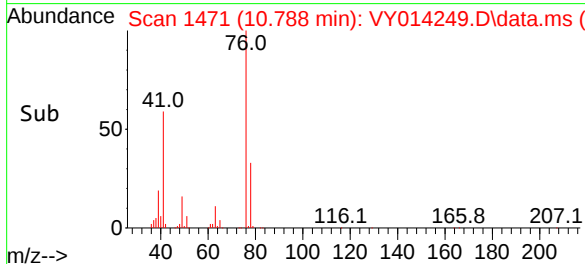
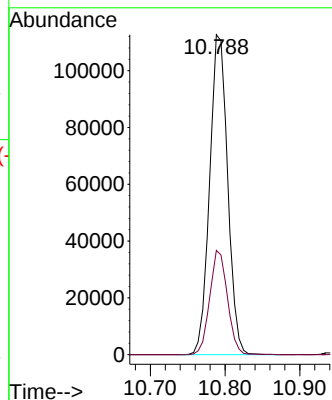
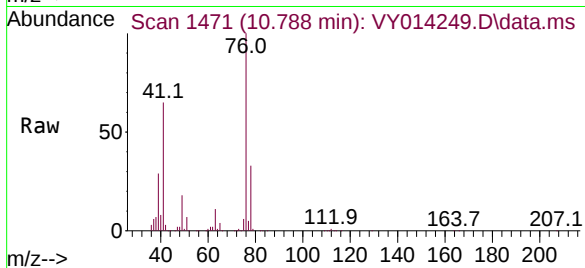
VSTDCCC050EC

Tgt Ion: 76 Resp: 189102

Ion Ratio Lower Upper

76 100

78 31.9 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 301.994 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014249.D

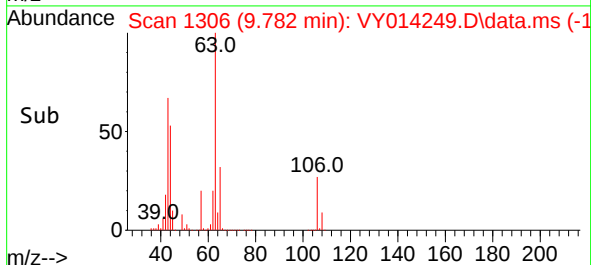
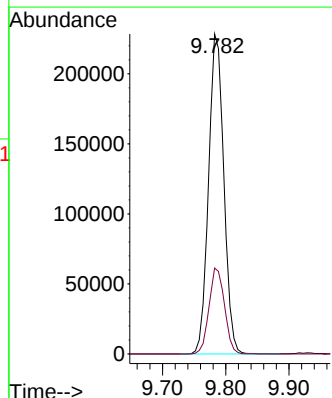
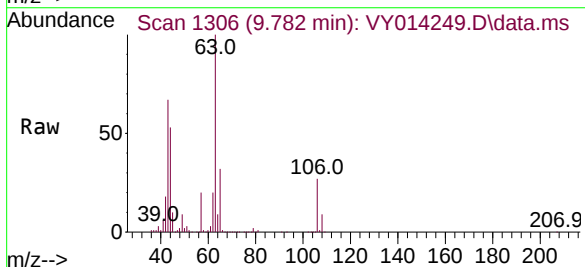
Acq: 19 Jun 2023 23:36

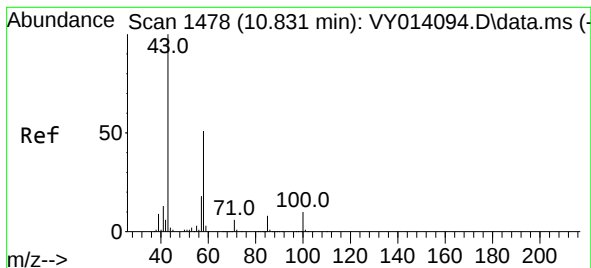
Tgt Ion: 63 Resp: 383704

Ion Ratio Lower Upper

63 100

106 27.2 21.2 31.8

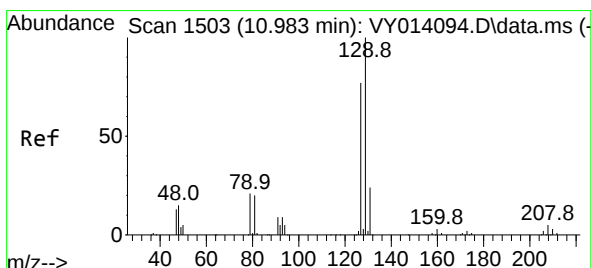
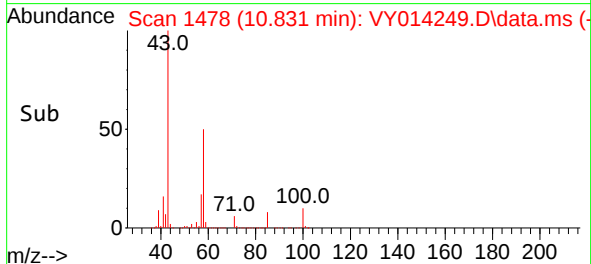
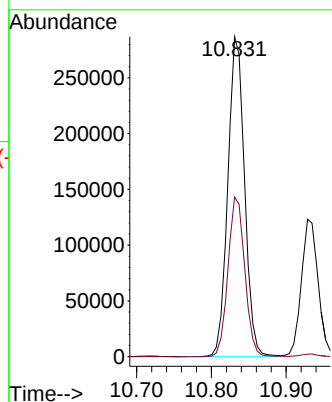
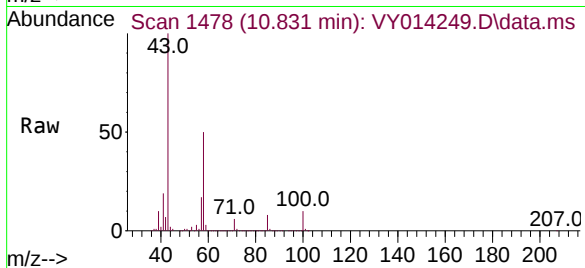




#59
2-Hexanone
Concen: 288.686 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

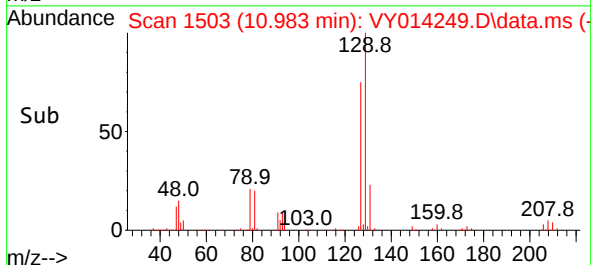
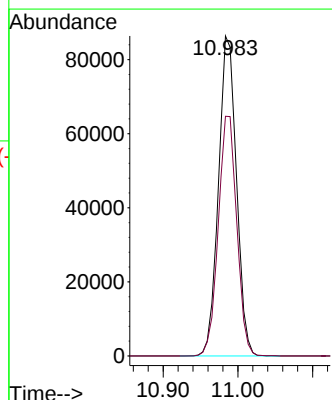
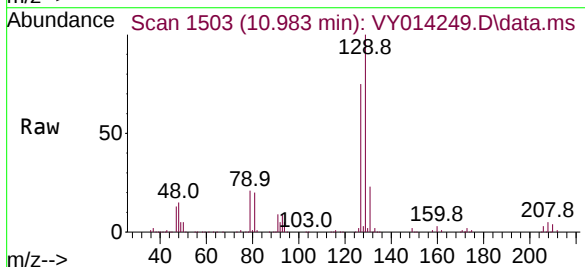
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

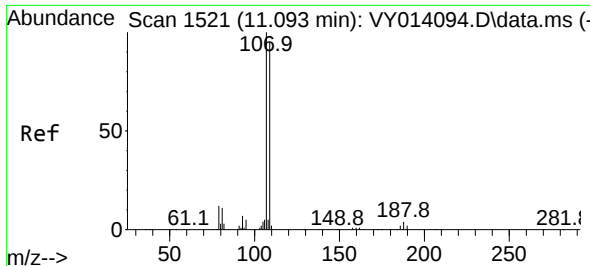
Tgt Ion: 43 Resp: 447983
Ion Ratio Lower Upper
43 100
58 50.1 25.1 75.3



#60
Dibromochloromethane
Concen: 55.927 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion: 129 Resp: 144351
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

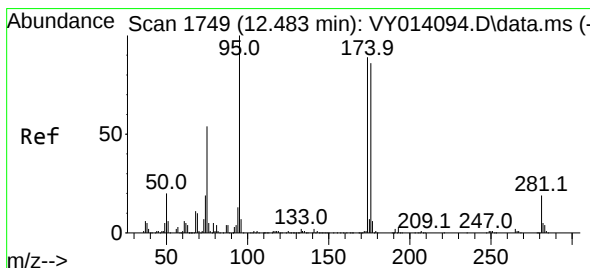
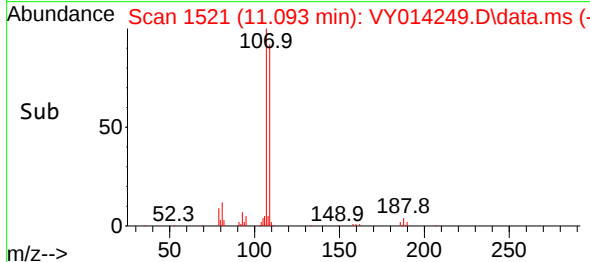
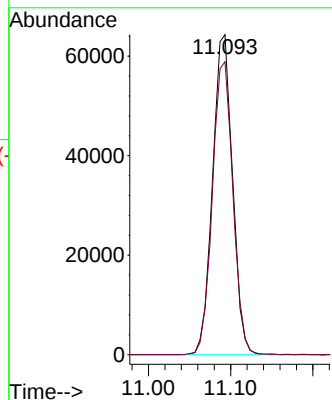
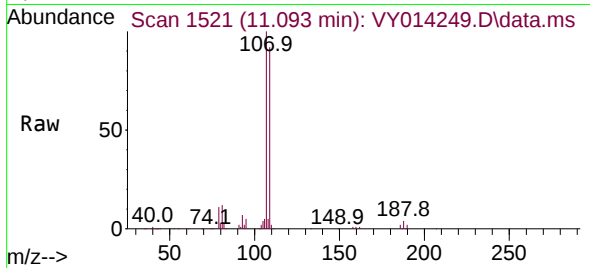




#61
1,2-Dibromoethane
Concen: 54.524 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

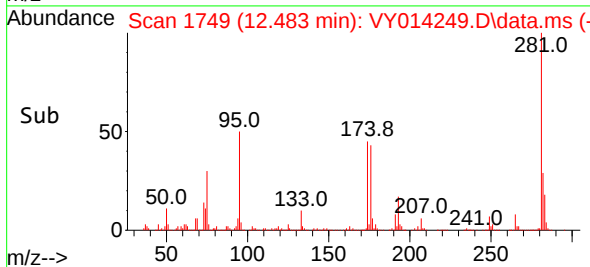
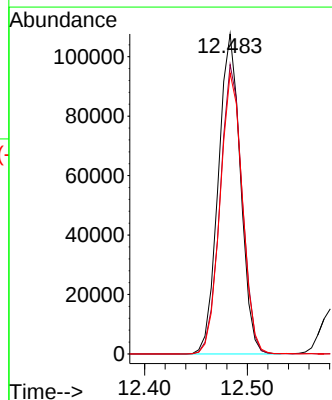
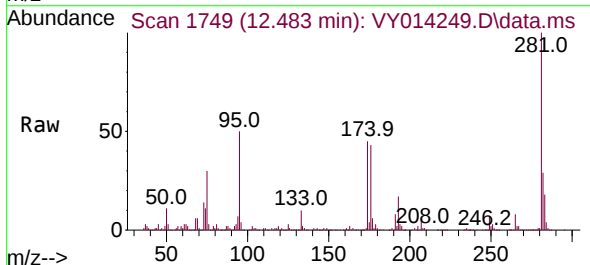
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

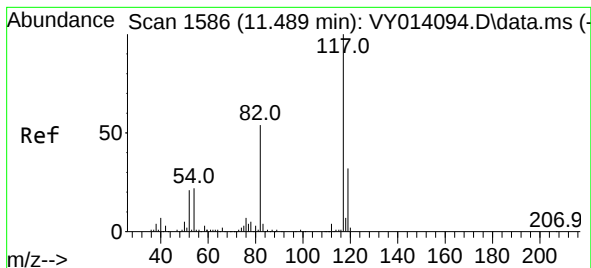
Tgt Ion:107 Resp: 108515
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 57.781 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion: 95 Resp: 160961
Ion Ratio Lower Upper
95 100
174 90.0 0.0 178.2
176 88.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

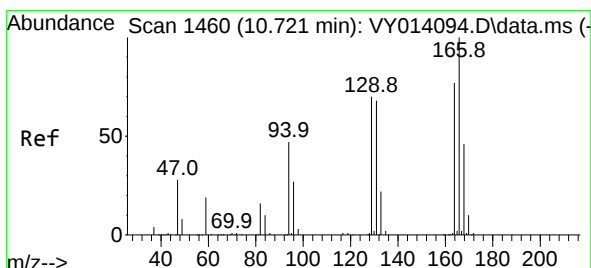
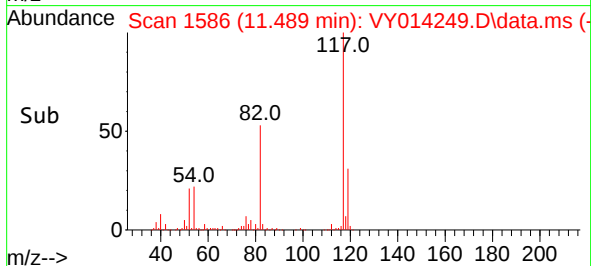
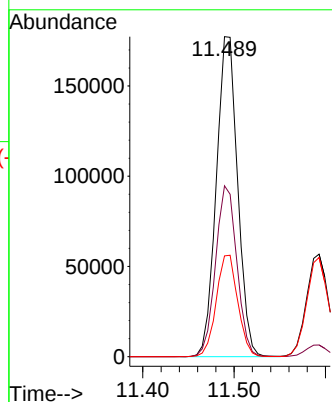
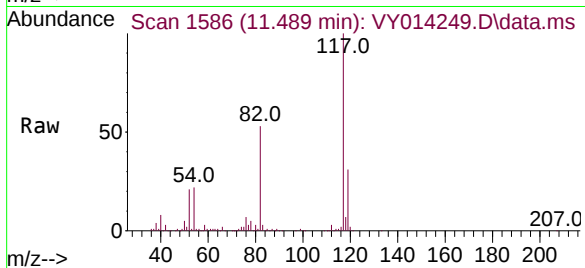
Tgt Ion:117 Resp: 288287

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 31.5 26.3 39.5



#64

Tetrachloroethene

Concen: 61.210 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Tgt Ion:164 Resp: 150409

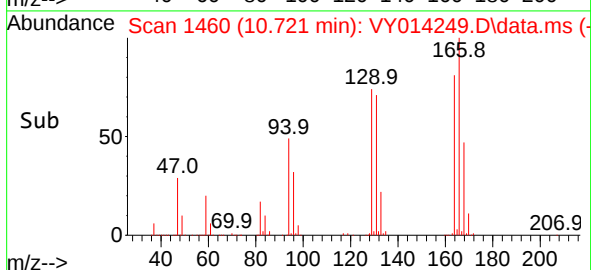
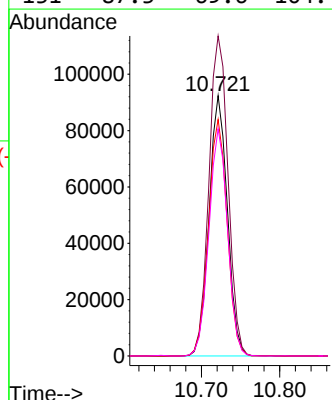
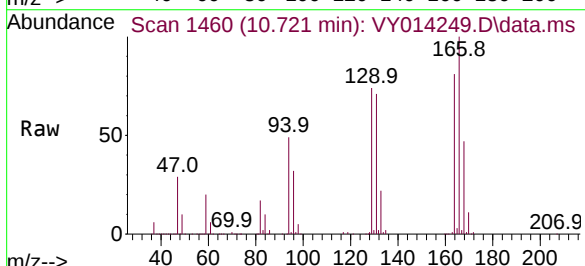
Ion Ratio Lower Upper

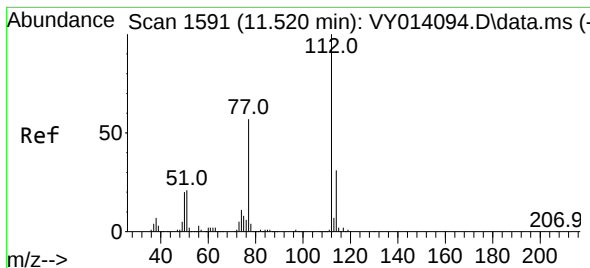
164 100

166 122.9 103.0 154.6

129 90.8 77.2 115.8

131 87.3 69.6 104.4

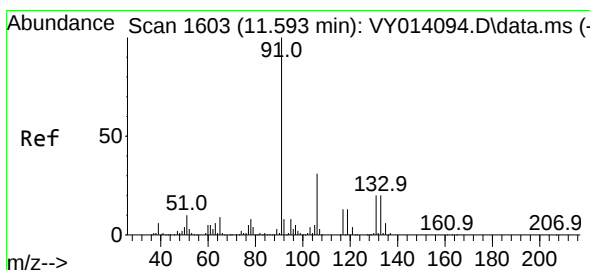
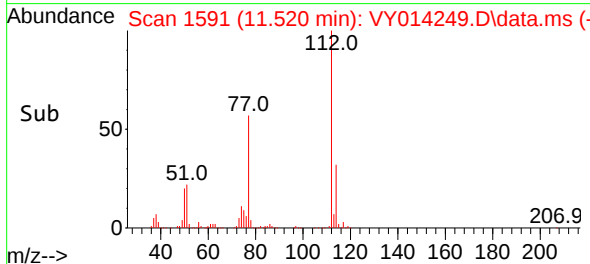
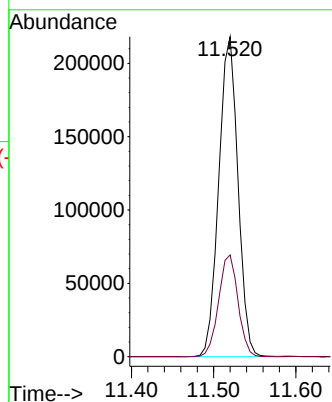
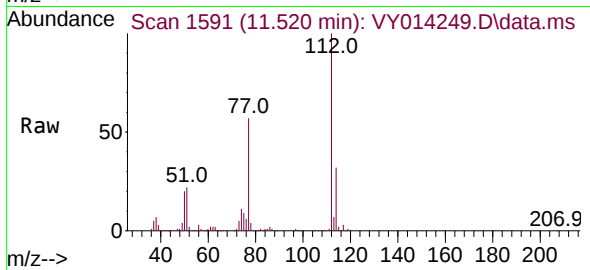




#65
Chlorobenzene
Concen: 51.123 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

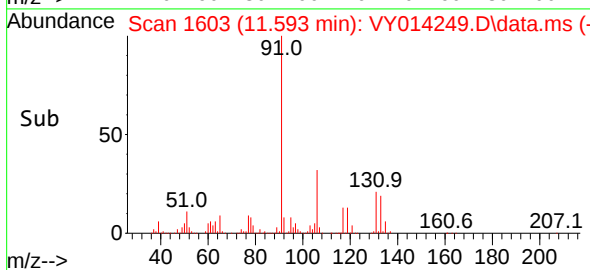
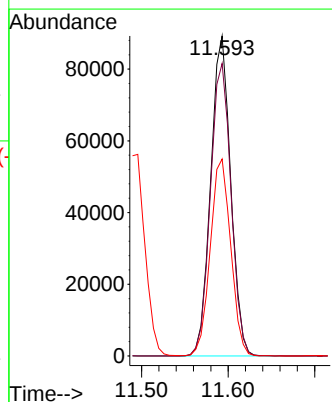
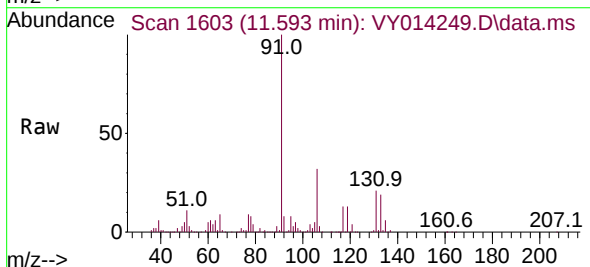
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

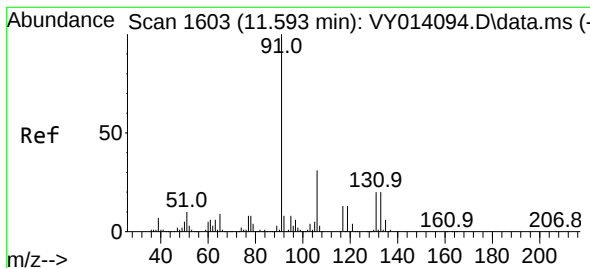
Tgt Ion:112 Resp: 354131
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.514 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion:131 Resp: 143079
Ion Ratio Lower Upper
131 100
133 94.4 47.5 142.6
119 63.1 31.6 94.7





#67

Ethyl Benzene

Concen: 53.800 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

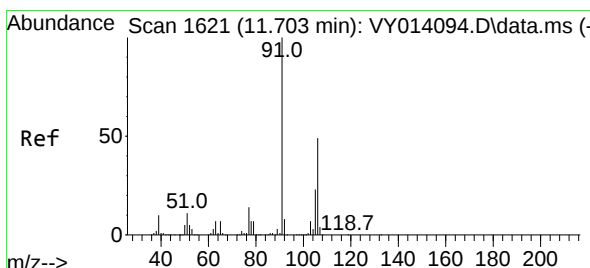
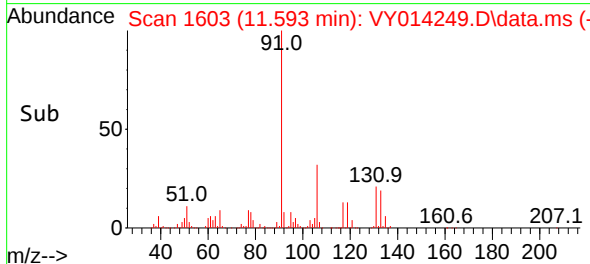
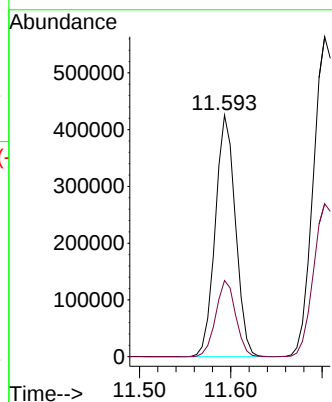
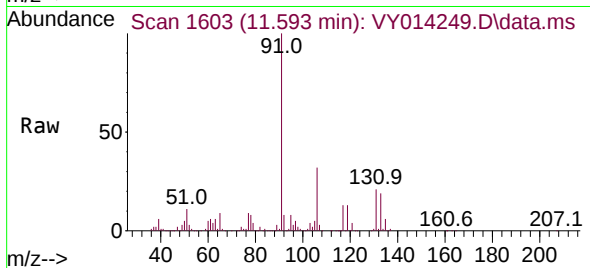
VSTDCCC050EC

Tgt Ion: 91 Resp: 652330

Ion Ratio Lower Upper

91 100

106 31.5 24.6 36.8



#68

m/p-Xylenes

Concen: 107.257 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014249.D

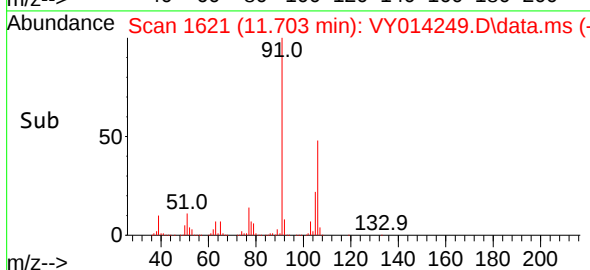
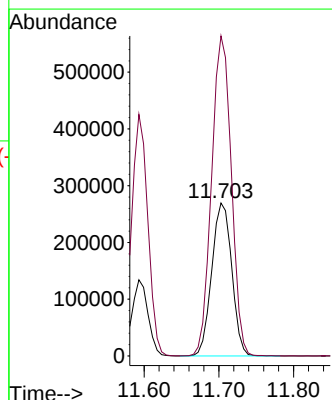
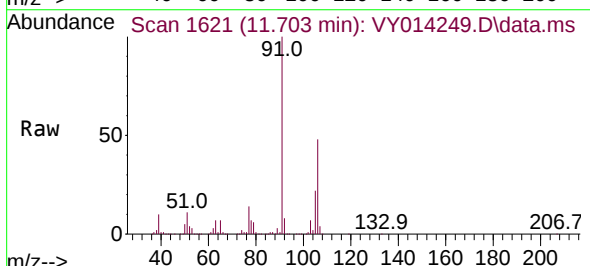
Acq: 19 Jun 2023 23:36

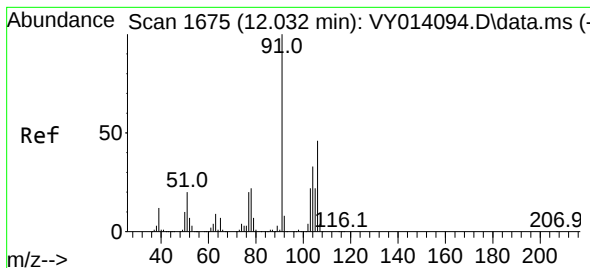
Tgt Ion:106 Resp: 500226

Ion Ratio Lower Upper

106 100

91 207.0 166.1 249.1

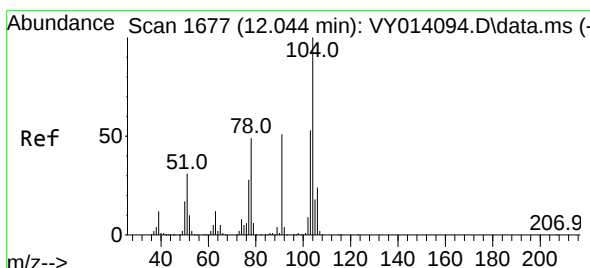
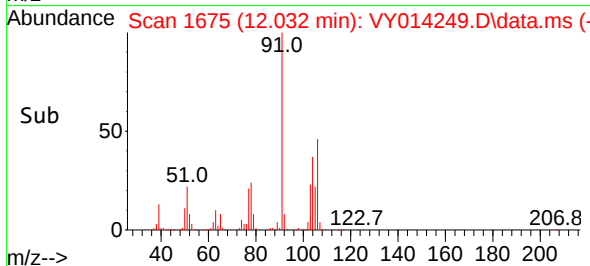
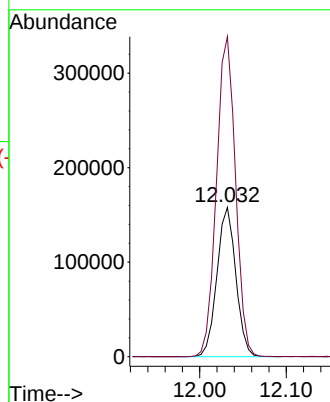
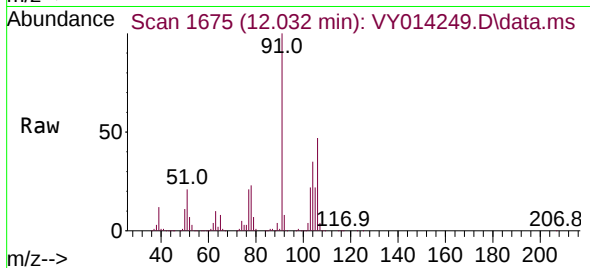




#69
o-Xylene
Concen: 54.358 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

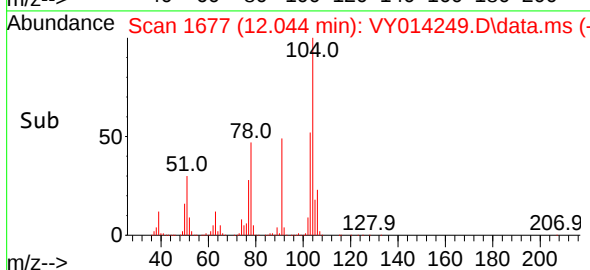
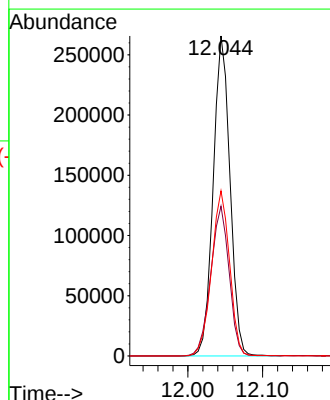
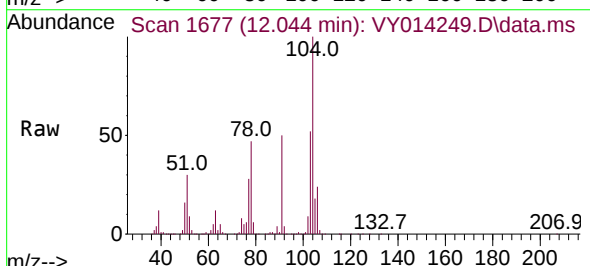
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

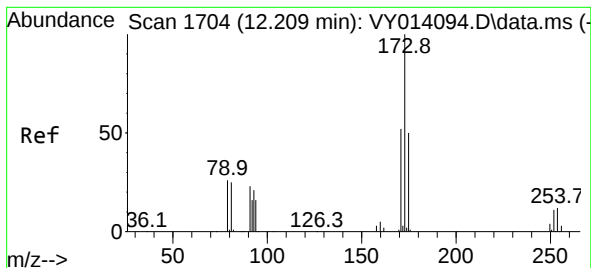
Tgt Ion:106 Resp: 239683
Ion Ratio Lower Upper
106 100
91 216.0 108.1 324.3



#70
Styrene
Concen: 55.108 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion:104 Resp: 414723
Ion Ratio Lower Upper
104 100
78 51.4 41.5 62.3
103 55.4 44.6 67.0





#71

Bromoform

Concen: 54.941 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

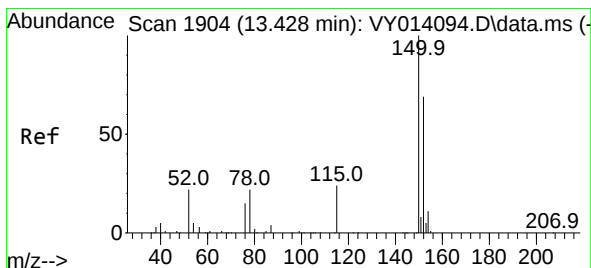
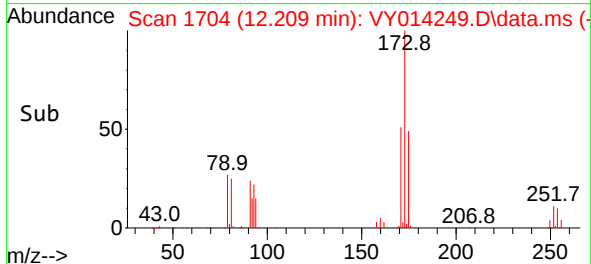
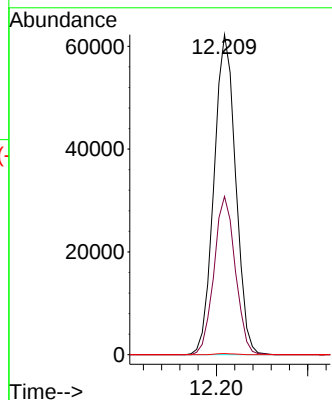
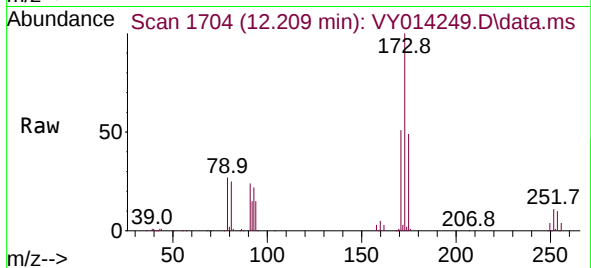
Tgt Ion:173 Resp: 102517

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

254 0.3 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

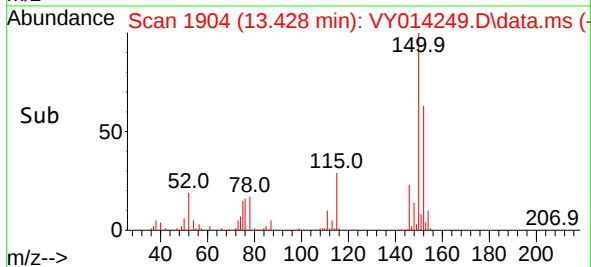
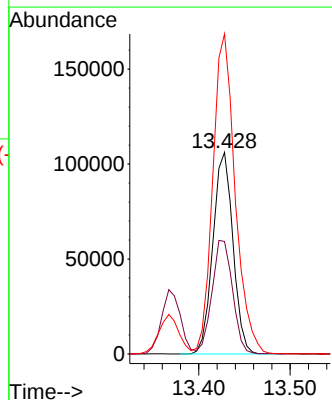
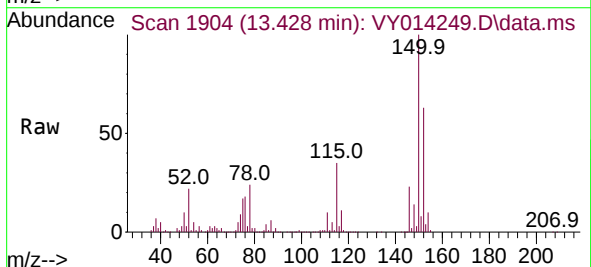
Tgt Ion:152 Resp: 162047

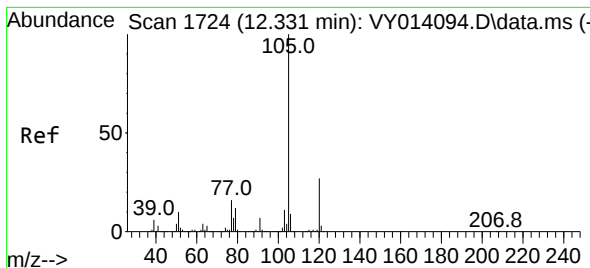
Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 176.4 0.0 348.8





#73

Isopropylbenzene

Concen: 51.319 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

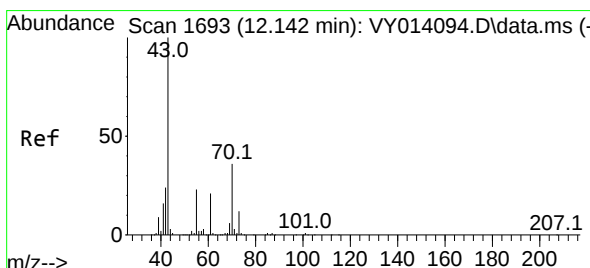
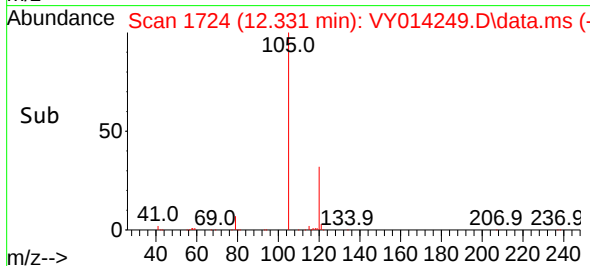
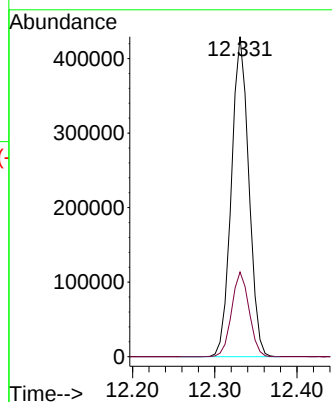
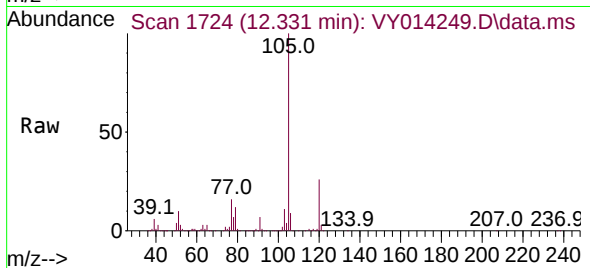
VSTDCCC050EC

Tgt Ion:105 Resp: 634405

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#74

N-ethyl acetate

Concen: 49.851 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Tgt Ion: 43 Resp: 195287

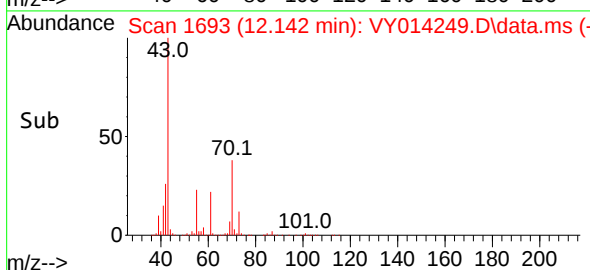
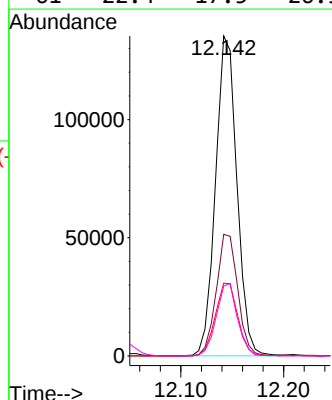
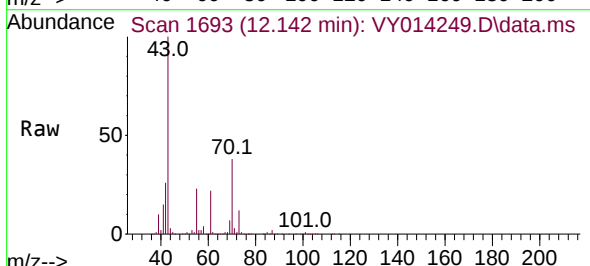
Ion Ratio Lower Upper

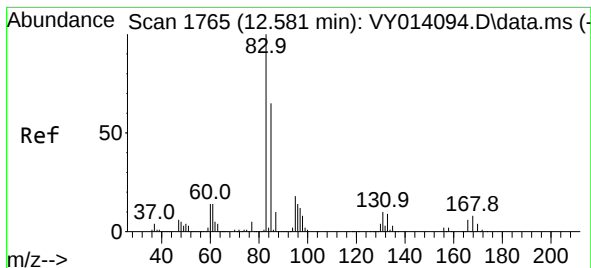
43 100

70 38.3 29.7 44.5

55 23.9 18.3 27.5

61 22.4 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 50.273 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

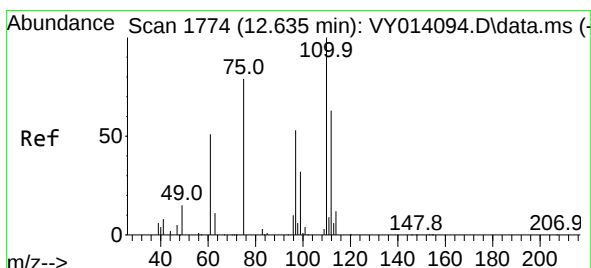
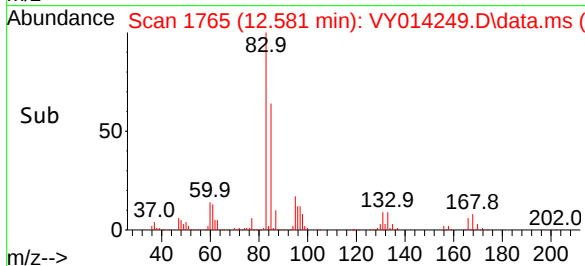
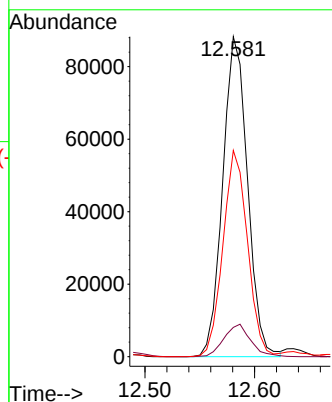
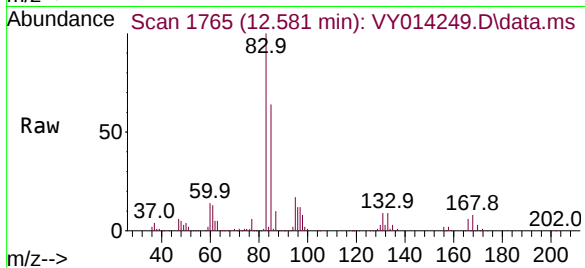
Tgt Ion: 83 Resp: 138867

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

85 63.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 88.050 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.001 min

Lab File: VY014249.D

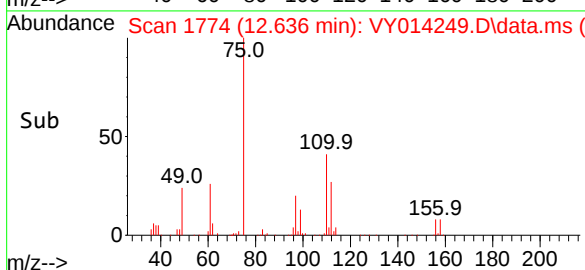
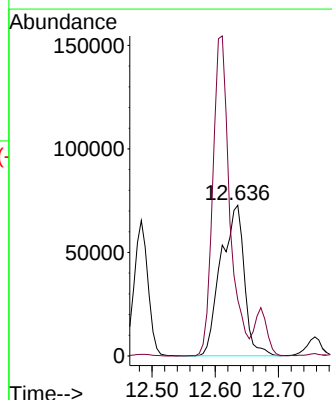
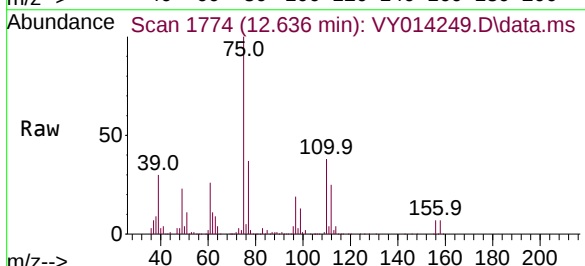
Acq: 19 Jun 2023 23:36

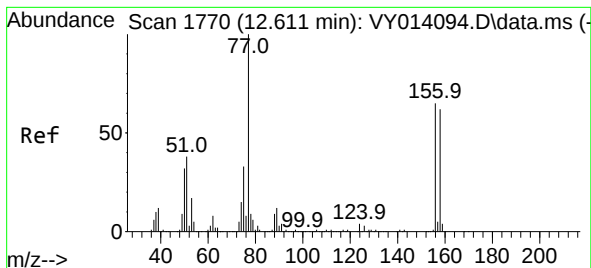
Tgt Ion: 75 Resp: 187196

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.364 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

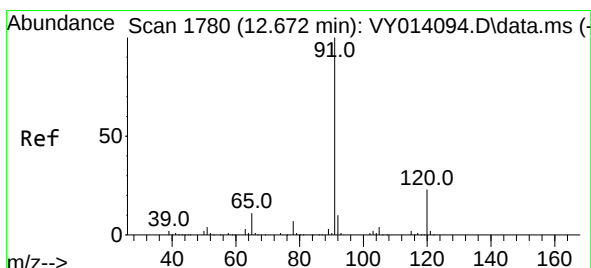
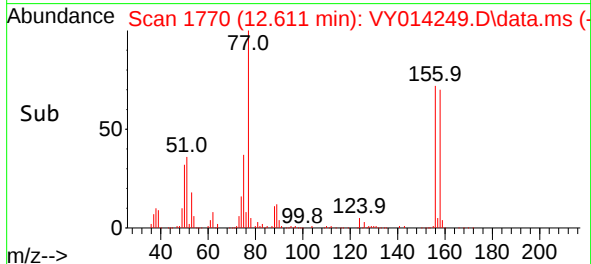
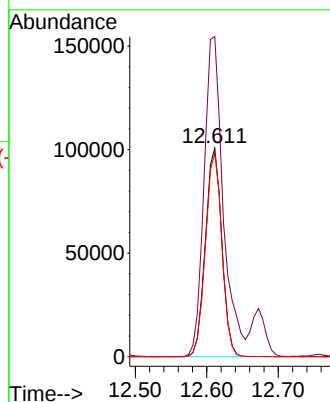
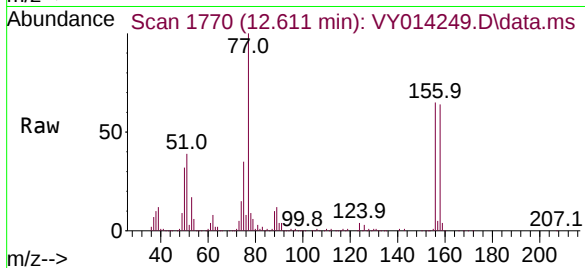
Tgt Ion:156 Resp: 160387

Ion Ratio Lower Upper

156 100

77 180.0 92.8 278.6

158 97.9 48.4 145.3



#78

n-propylbenzene

Concen: 52.026 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014249.D

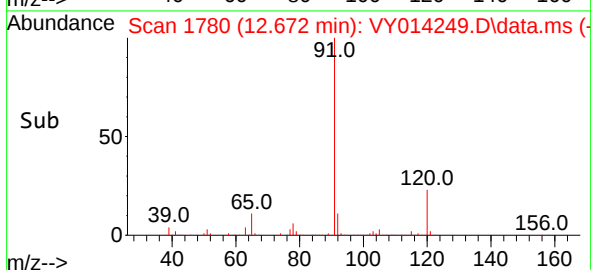
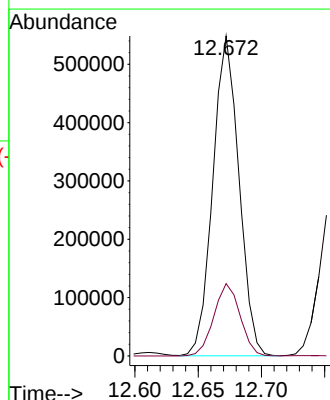
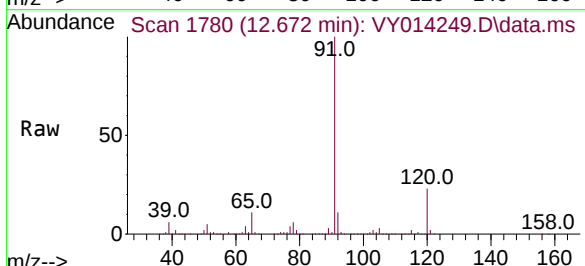
Acq: 19 Jun 2023 23:36

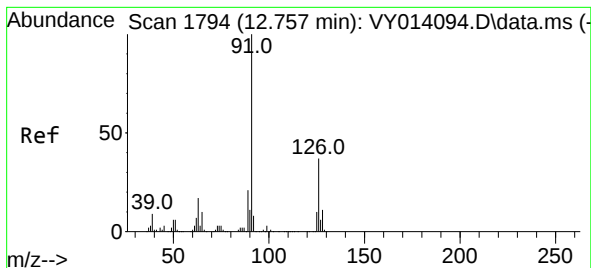
Tgt Ion: 91 Resp: 785552

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4

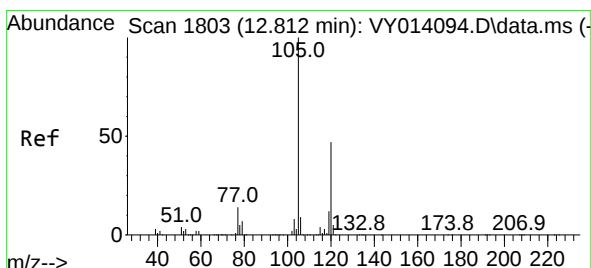
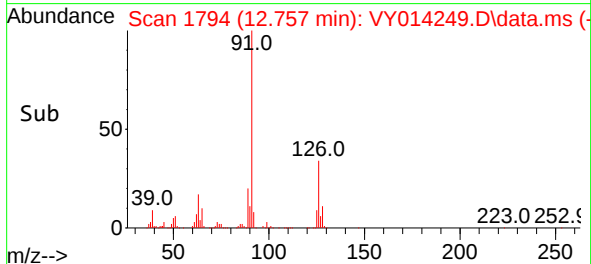
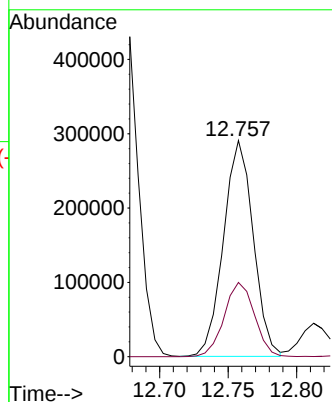
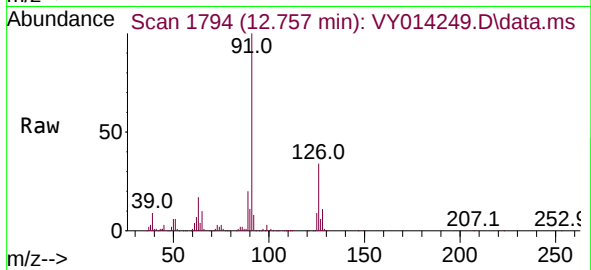




#79
2-Chlorotoluene
Concen: 50.679 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

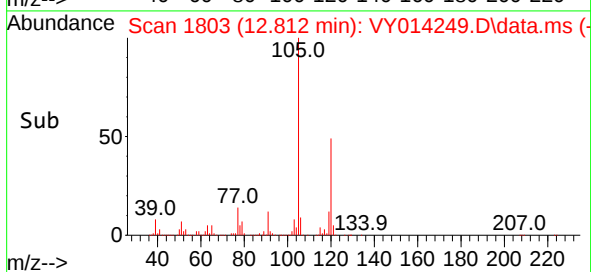
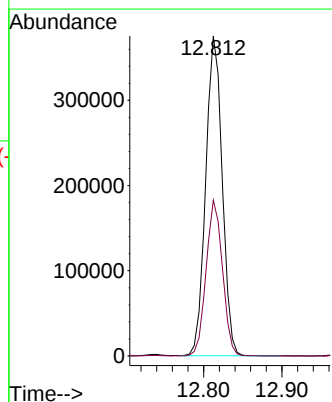
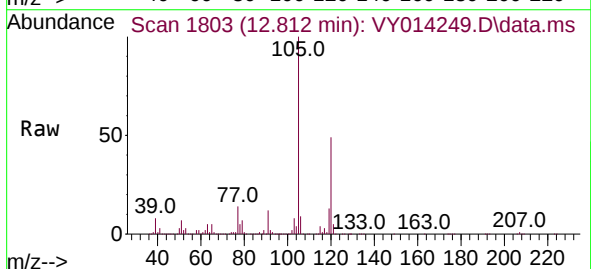
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

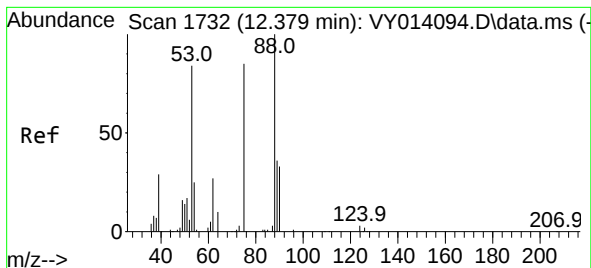
Tgt Ion: 91 Resp: 440298
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 51.855 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion: 105 Resp: 548874
Ion Ratio Lower Upper
105 100
120 48.2 23.9 71.7

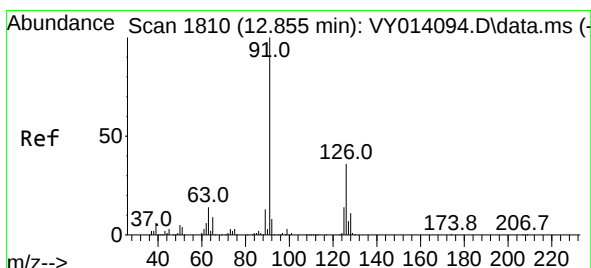
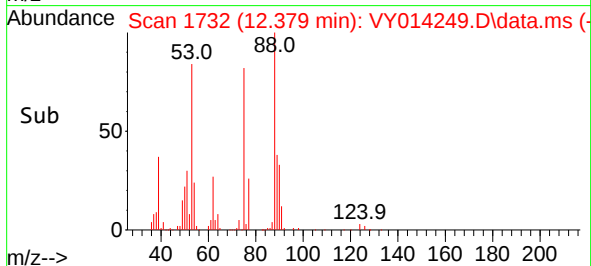
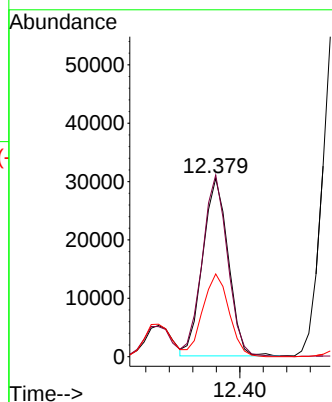
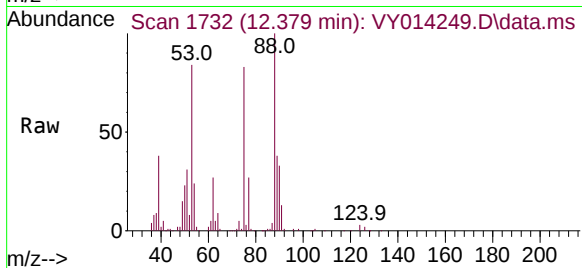




#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.679 ug/l
 RT: 12.379 min Scan# 1732
 Delta R.T. 0.000 min
 Lab File: VY014249.D
 Acq: 19 Jun 2023 23:36

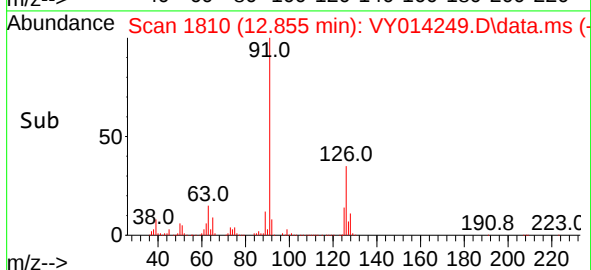
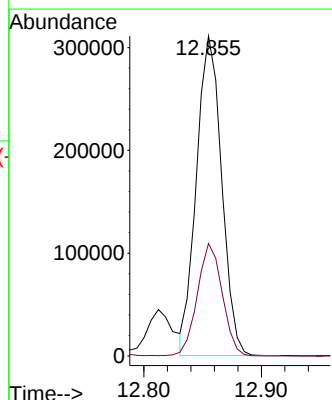
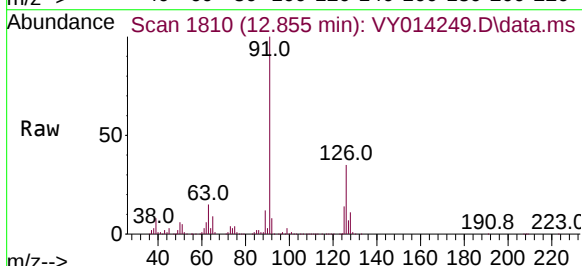
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

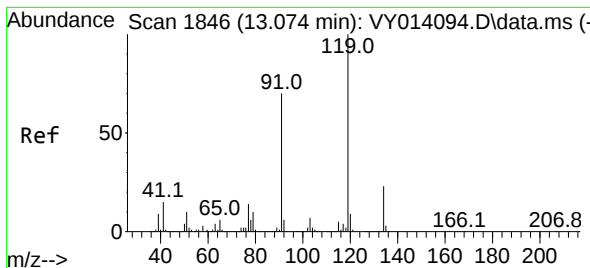
Tgt Ion: 75 Resp: 45910
 Ion Ratio Lower Upper
 75 100
 53 102.0 77.8 116.8
 89 47.4 37.4 56.0



#82
 4-Chlorotoluene
 Concen: 50.322 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VY014249.D
 Acq: 19 Jun 2023 23:36

Tgt Ion: 91 Resp: 463302
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.412 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

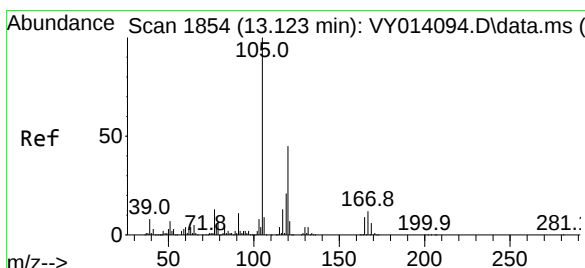
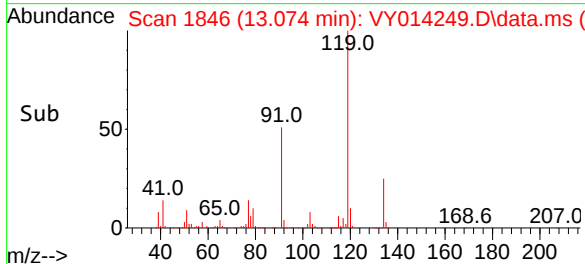
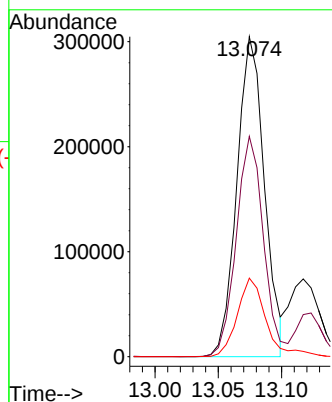
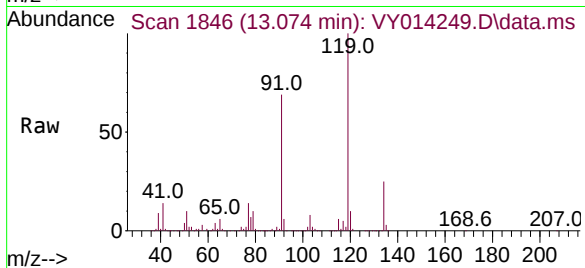
Tgt Ion:119 Resp: 462447

Ion Ratio Lower Upper

119 100

91 68.3 32.9 98.6

134 25.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.772 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY014249.D

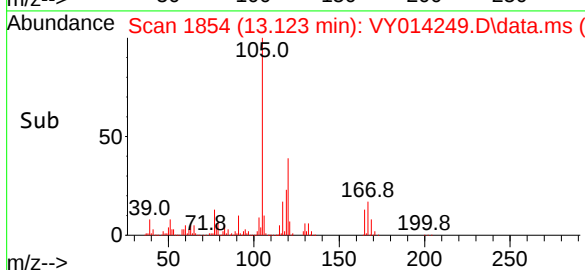
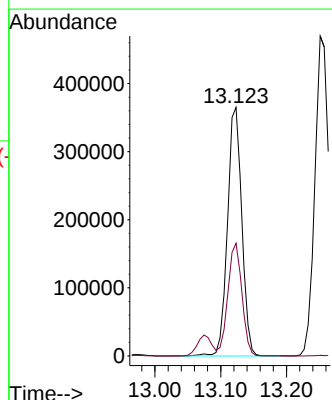
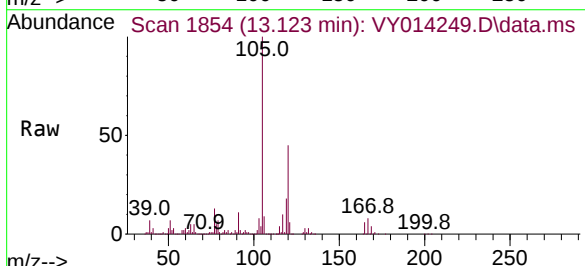
Acq: 19 Jun 2023 23:36

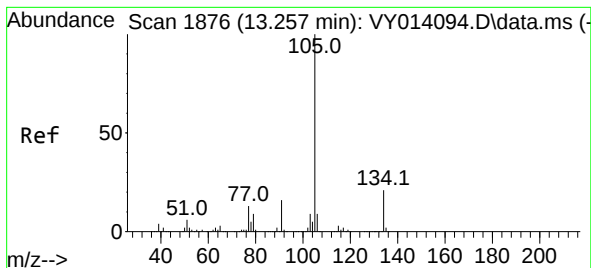
Tgt Ion:105 Resp: 552929

Ion Ratio Lower Upper

105 100

120 44.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 53.659 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

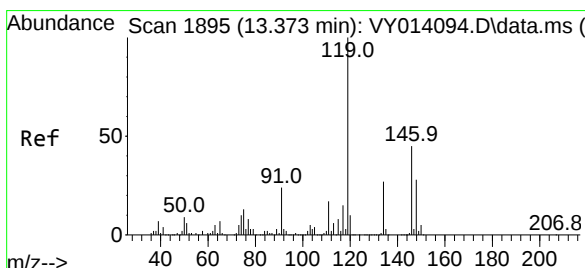
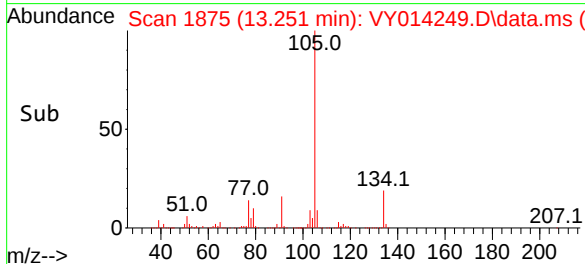
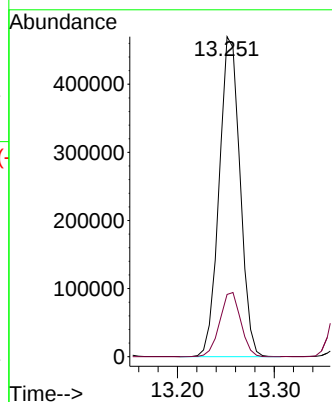
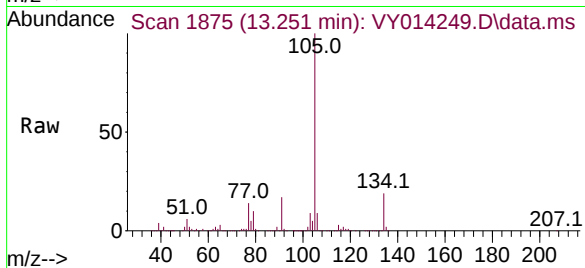
VSTDCCC050EC

Tgt Ion:105 Resp: 701725

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 52.596 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

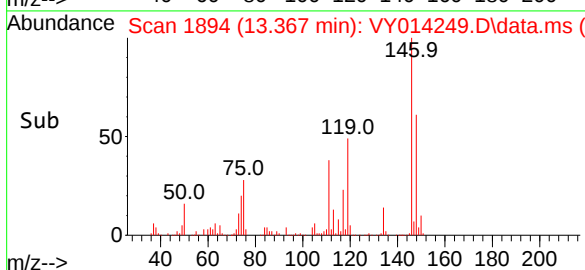
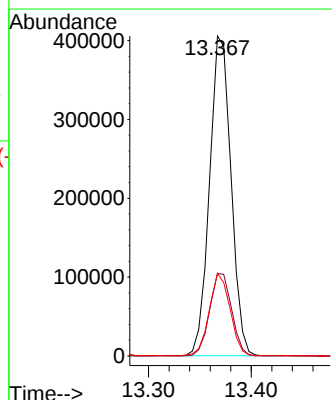
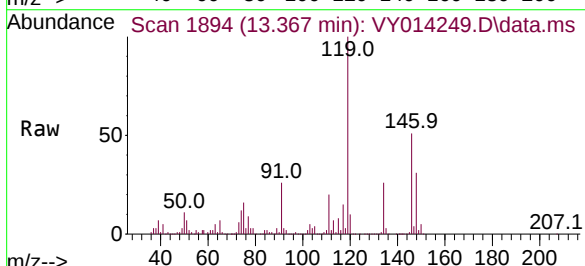
Tgt Ion:119 Resp: 588662

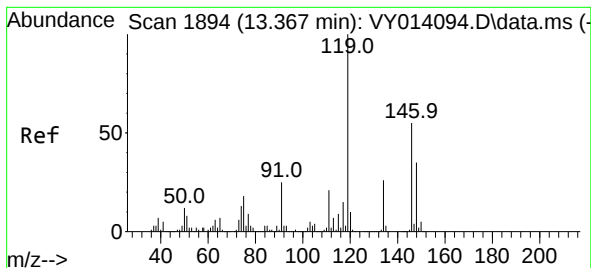
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 24.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 50.504 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

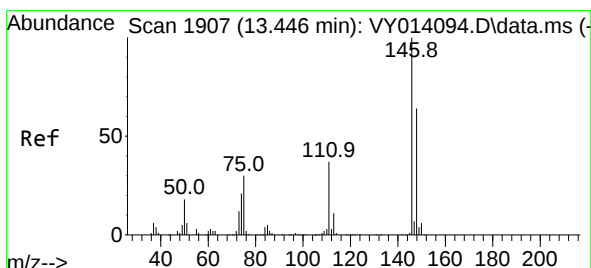
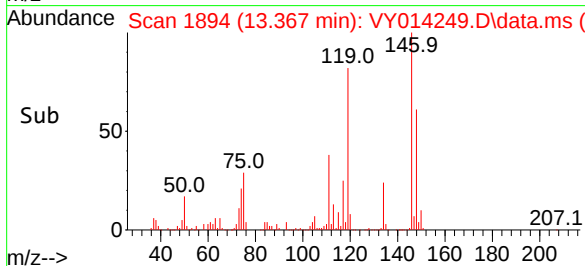
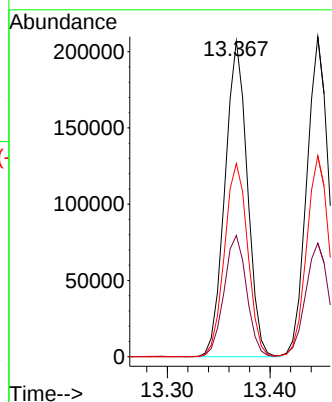
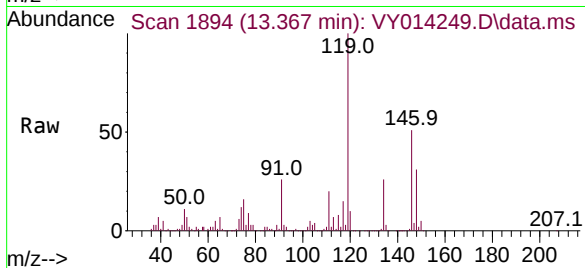
Tgt Ion:146 Resp: 313301

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.2

148 63.3 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 50.223 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

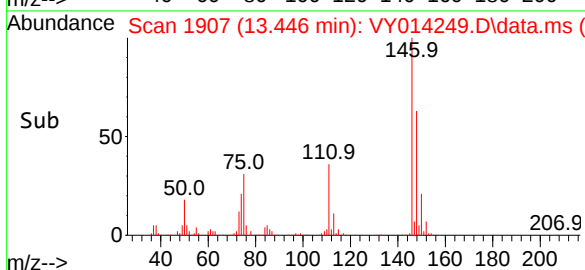
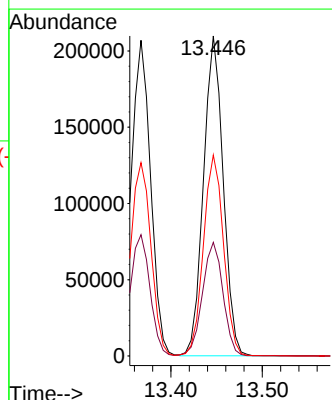
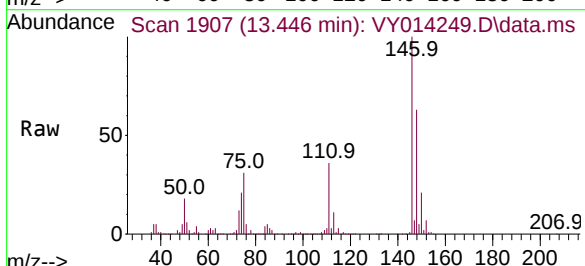
Tgt Ion:146 Resp: 313905

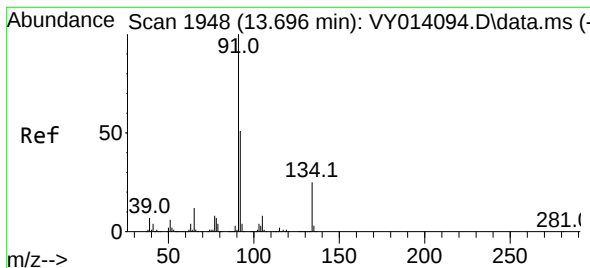
Ion Ratio Lower Upper

146 100

111 36.9 18.9 56.7

148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 53.866 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

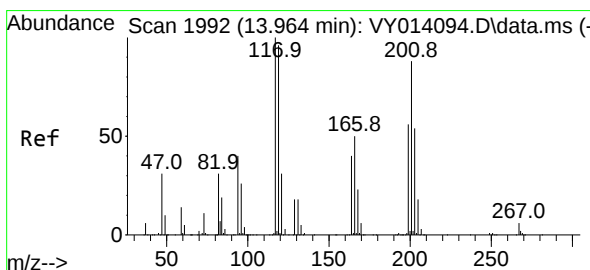
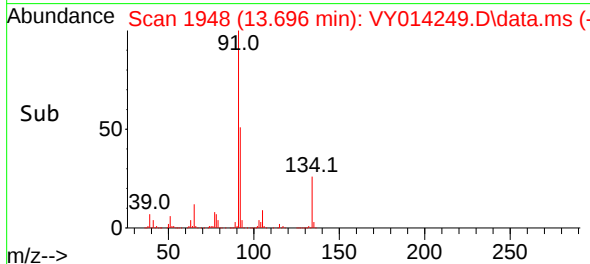
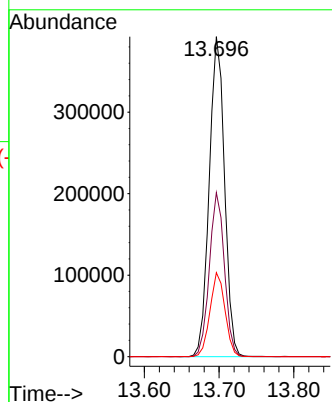
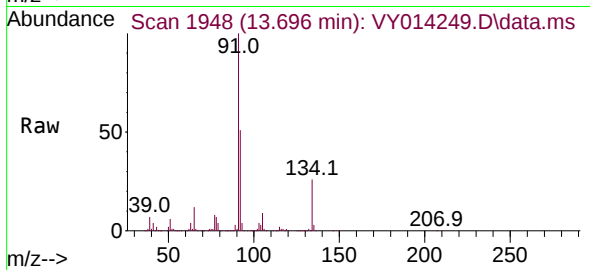
Tgt Ion: 91 Resp: 559172

Ion Ratio Lower Upper

91 100

92 50.4 25.4 76.0

134 25.9 12.6 37.6



#90

Hexachloroethane

Concen: 52.097 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.001 min

Lab File: VY014249.D

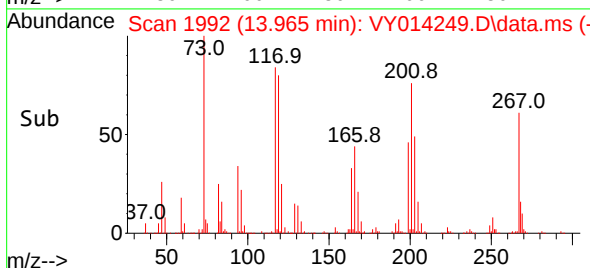
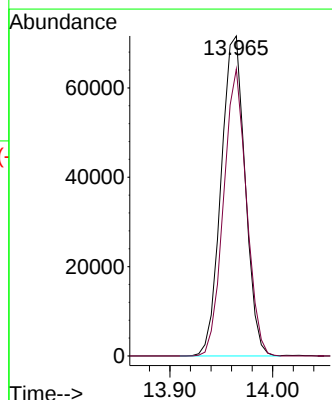
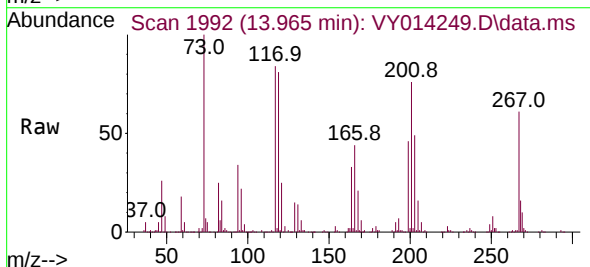
Acq: 19 Jun 2023 23:36

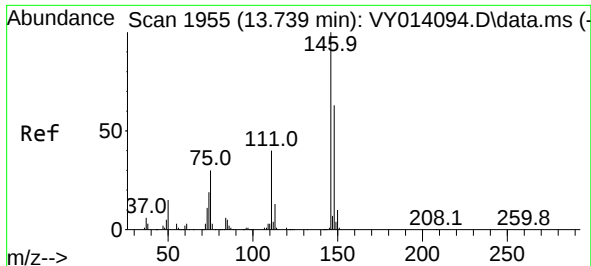
Tgt Ion: 117 Resp: 116188

Ion Ratio Lower Upper

117 100

201 85.2 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 51.435 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

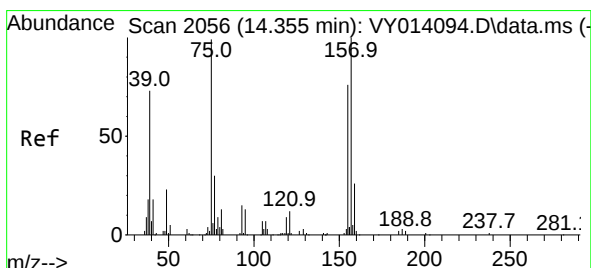
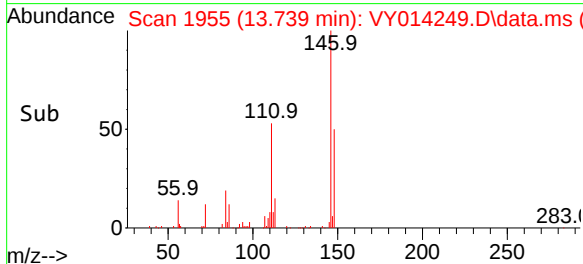
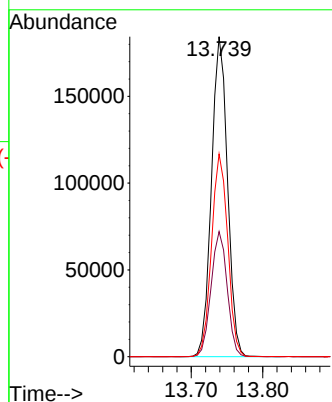
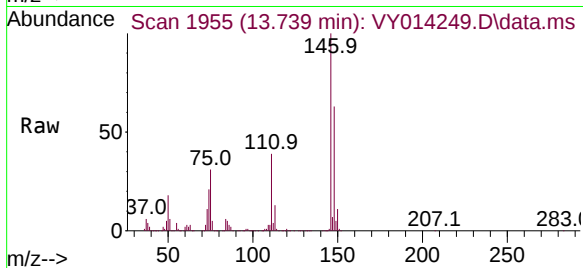
Tgt Ion:146 Resp: 286574

Ion Ratio Lower Upper

146 100

111 39.4 19.7 59.0

148 64.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.411 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

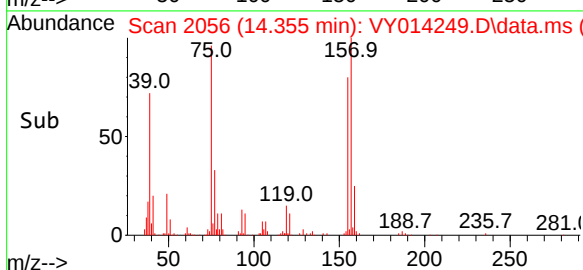
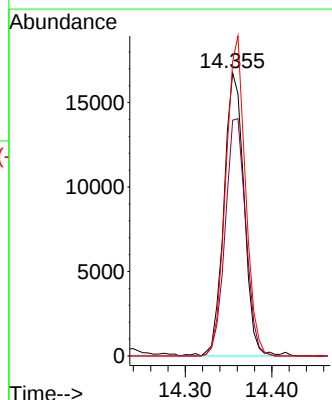
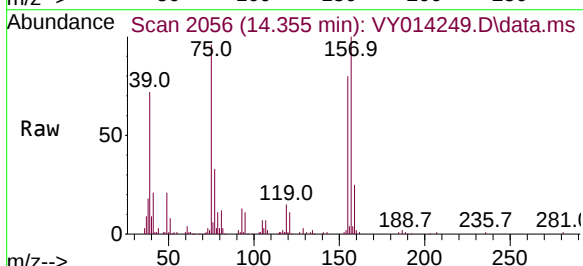
Tgt Ion: 75 Resp: 27043

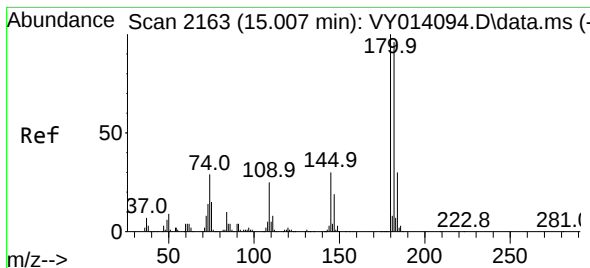
Ion Ratio Lower Upper

75 100

155 85.3 41.5 124.6

157 110.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.352 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

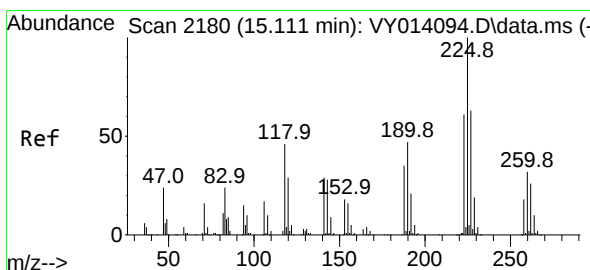
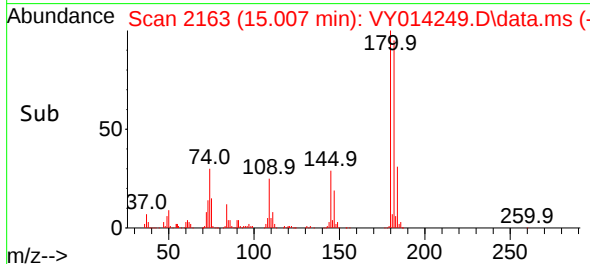
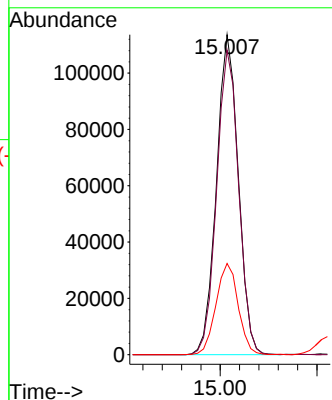
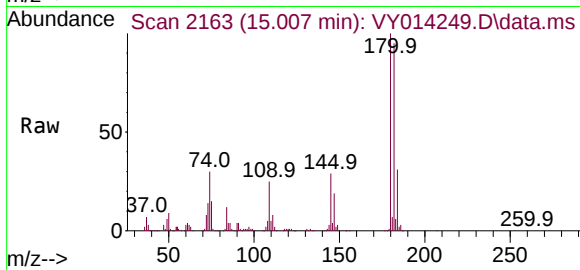
Tgt Ion:180 Resp: 177717

Ion Ratio Lower Upper

180 100

182 95.7 47.0 141.2

145 29.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 54.517 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

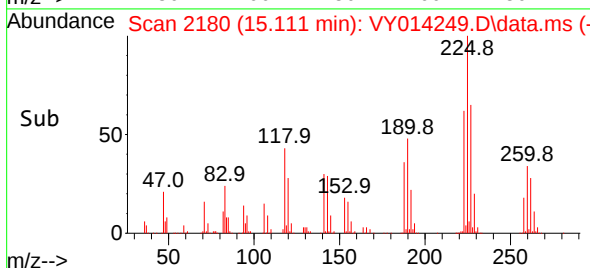
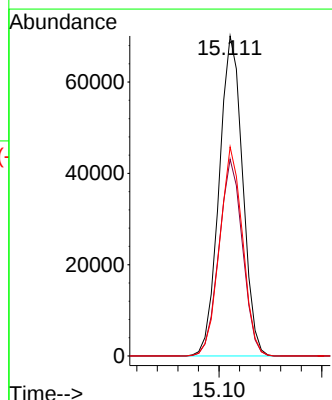
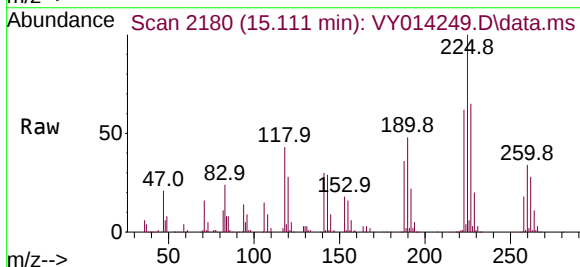
Tgt Ion:225 Resp: 111088

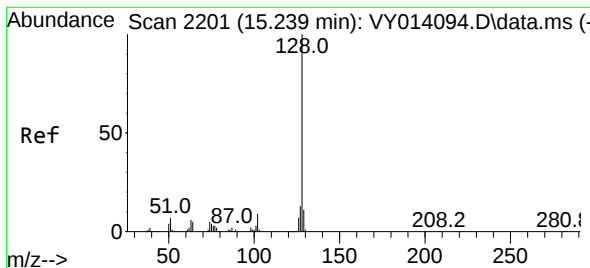
Ion Ratio Lower Upper

225 100

223 61.5 31.9 95.9

227 63.8 33.0 98.9





#95

Naphthalene

Concen: 52.259 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

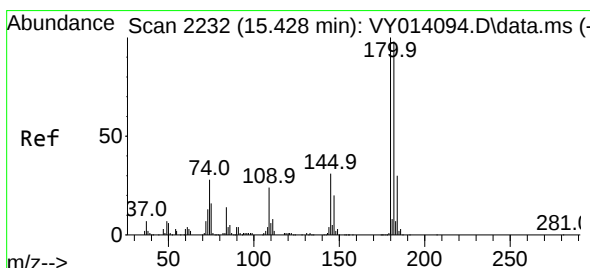
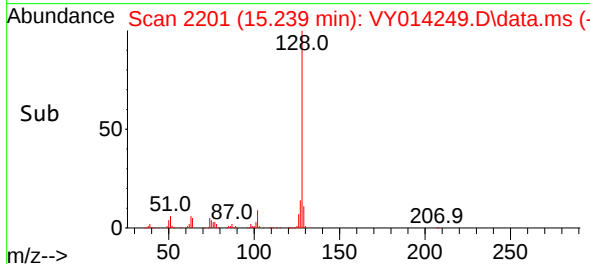
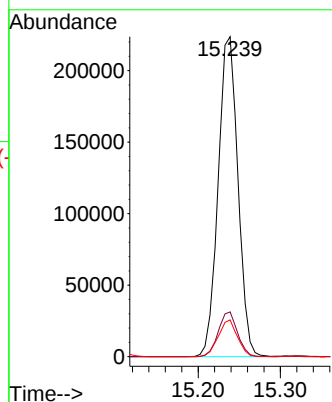
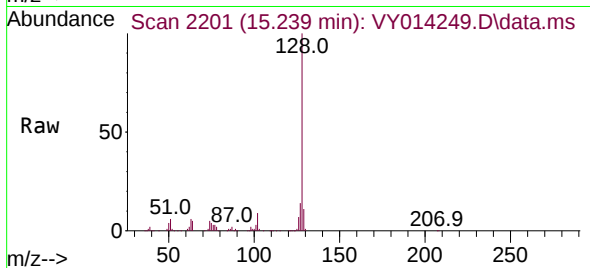
Tgt Ion:128 Resp: 374388

Ion Ratio Lower Upper

128 100

127 13.6 10.8 16.2

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.769 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Tgt Ion:180 Resp: 165108

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.8

145 30.5 15.4 46.2

