

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014251.D
 Acq On : 20 Jun 2023 01:07
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 20 05:05:20 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	205740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	317231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	305623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169973	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	137500	47.994	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.980%
35) Dibromofluoromethane	7.722	113	120989	53.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.560%
50) Toluene-d8	10.185	98	405115	48.166	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.340%
62) 4-Bromofluorobenzene	12.483	95	170063	56.920	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	113.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	108133	47.159	ug/l	93
3) Chloromethane	2.119	50	131847	45.349	ug/l	98
4) Vinyl Chloride	2.253	62	132829	46.991	ug/l	95
5) Bromomethane	2.637	94	98577	42.267	ug/l	95
6) Chloroethane	2.790	64	87098	45.346	ug/l	97
7) Trichlorofluoromethane	3.125	101	232001	50.521	ug/l	99
8) Diethyl Ether	3.534	74	74900	48.847	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	120872	52.154	ug/l	99
10) Methyl Iodide	4.094	142	152633	49.875	ug/l	99
11) Tert butyl alcohol	4.960	59	77013	230.608	ug/l #	79
12) 1,1-Dichloroethene	3.875	96	115577	49.201	ug/l	97
13) Acrolein	3.735	56	21544	150.390	ug/l	98
14) Allyl chloride	4.485	41	205349	48.226	ug/l	99
15) Acrylonitrile	5.167	53	204070	258.019	ug/l	99
16) Acetone	3.954	43	172725	200.009	ug/l	95
17) Carbon Disulfide	4.198	76	355402	46.689	ug/l	98
18) Methyl Acetate	4.485	43	227308	67.812	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	354956	51.233	ug/l	98
20) Methylene Chloride	4.722	84	160265	58.758	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	134085	51.176	ug/l	96
22) Diisopropyl ether	6.131	45	435546	53.423	ug/l	92
23) Vinyl Acetate	6.070	43	1062301	220.839	ug/l	99
24) 1,1-Dichloroethane	6.021	63	246089	52.352	ug/l	99
25) 2-Butanone	6.990	43	275004	258.696	ug/l	98
26) 2,2-Dichloropropane	6.984	77	199780	45.250	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	154395	52.677	ug/l	98
28) Bromochloromethane	7.338	49	96598	50.533	ug/l	96
29) Tetrahydrofuran	7.356	42	181882	269.820	ug/l	99
30) Chloroform	7.508	83	266172	53.374	ug/l	96
31) Cyclohexane	7.795	56	197997	51.590	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	239682	53.289	ug/l	99
36) 1,1-Dichloropropene	7.923	75	188115	53.634	ug/l	99
37) Ethyl Acetate	7.082	43	111647	46.135	ug/l	99
38) Carbon Tetrachloride	7.905	117	222285	54.920	ug/l	97
39) Methylcyclohexane	9.191	83	211921	54.458	ug/l	97
40) Benzene	8.167	78	554925	53.207	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	172941	140.026	ug/l #	28
42) 1,2-Dichloroethane	8.246	62	191617	51.955	ug/l	100
43) Isopropyl Acetate	8.277	43	208596	49.179	ug/l	97
44) Trichloroethene	8.947	130	148636	53.341	ug/l	100
45) 1,2-Dichloropropane	9.222	63	139524	52.669	ug/l	95
46) Dibromomethane	9.313	93	85450	52.402	ug/l	99
47) Bromodichloromethane	9.502	83	206306	54.034	ug/l	99
48) Methyl methacrylate	9.301	41	103622	52.379	ug/l	97
49) 1,4-Dioxane	9.301	88	22195	1071.185	ug/l #	50
51) 4-Methyl-2-Pentanone	10.075	43	622751	270.247	ug/l	100
52) Toluene	10.246	92	349468	54.053	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	204793	50.952	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	224804	51.262	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	116029	53.646	ug/l	96
56) Ethyl methacrylate	10.514	69	158944	53.279	ug/l	99
57) 1,3-Dichloropropane	10.794	76	195157	52.757	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	381104	281.780	ug/l	99
59) 2-Hexanone	10.837	43	440191	264.481	ug/l	100
60) Dibromochloromethane	10.990	129	150998	54.546	ug/l	100
61) 1,2-Dibromoethane	11.093	107	113615	53.226	ug/l	99
64) Tetrachloroethene	10.721	164	155632	59.743	ug/l	96
65) Chlorobenzene	11.520	112	379854	51.726	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	151453	52.434	ug/l	99
67) Ethyl Benzene	11.593	91	690595	53.725	ug/l	100
68) m/p-Xylenes	11.703	106	531343	107.466	ug/l	98
69) o-Xylene	12.032	106	254588	54.463	ug/l	99
70) Styrene	12.044	104	434601	54.474	ug/l	99
71) Bromoform	12.209	173	104553	52.854	ug/l	99
73) Isopropylbenzene	12.331	105	664083	51.215	ug/l	100
74) N-amyl acetate	12.148	43	174863	42.556	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	139216	48.049	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	190385	85.374	ug/l #	100
77) Bromobenzene	12.611	156	169641	49.777	ug/l	96
78) n-propylbenzene	12.672	91	821091	51.844	ug/l	100
79) 2-Chlorotoluene	12.758	91	467480	51.299	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	578505	52.105	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	46036	44.624	ug/l	98
82) 4-Chlorotoluene	12.855	91	484518	50.173	ug/l	99
83) tert-Butylbenzene	13.075	119	484272	51.327	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	575470	52.362	ug/l	99
85) sec-Butylbenzene	13.257	105	720469	52.523	ug/l	100
86) p-Isopropyltoluene	13.373	119	605465	51.574	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	328572	50.496	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	328761	50.147	ug/l	99
89) n-Butylbenzene	13.696	91	567392	52.109	ug/l	99
90) Hexachloroethane	13.959	117	123385	52.744	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	301561	51.601	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	26873	48.705	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	185181	50.020	ug/l	99
94) Hexachlorobutadiene	15.111	225	109013	51.004	ug/l	99
95) Naphthalene	15.239	128	381581	50.779	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	167103	49.951	ug/l	99

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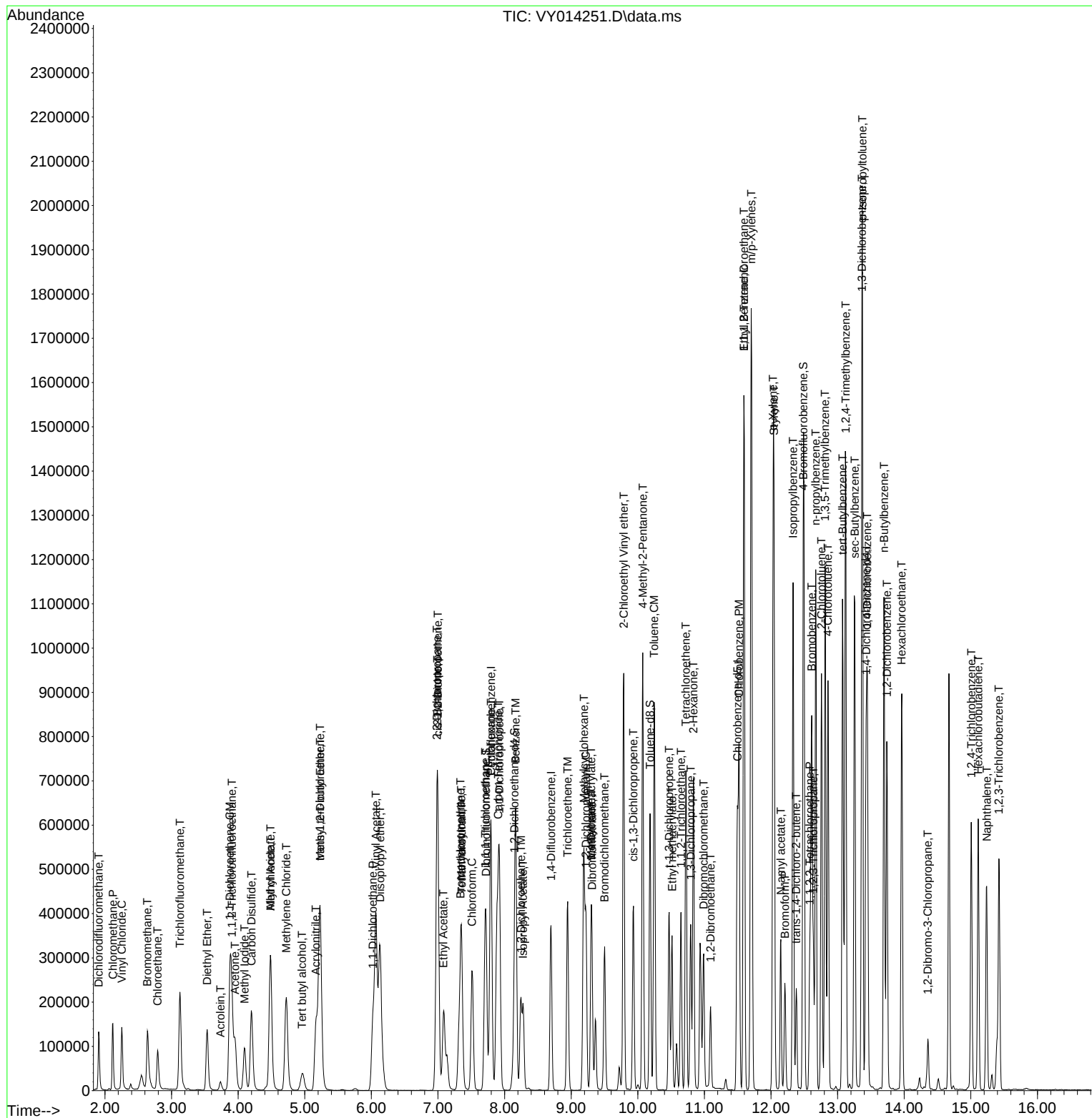
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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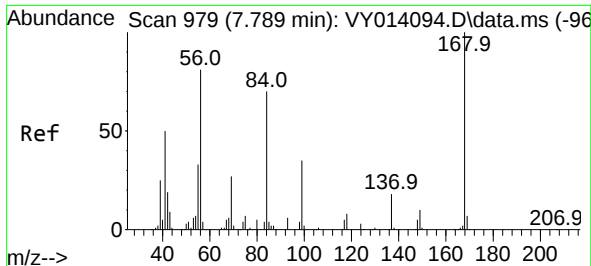
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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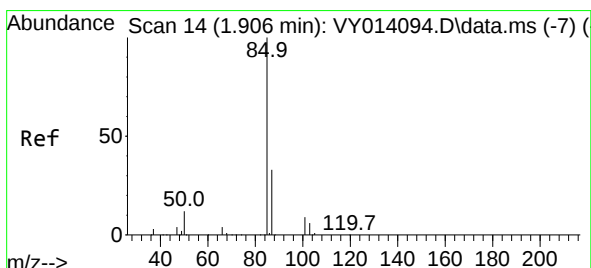
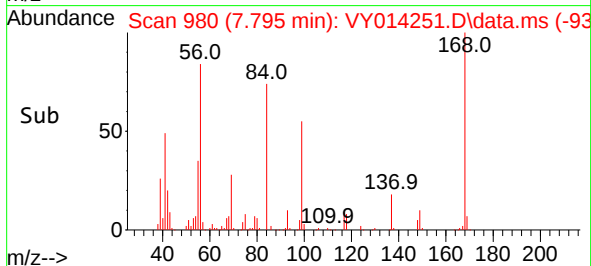
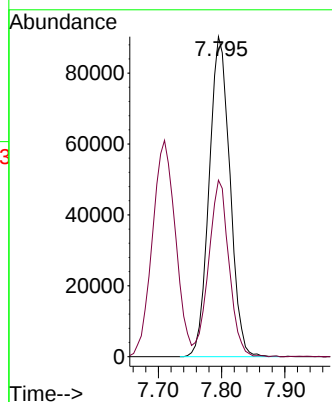
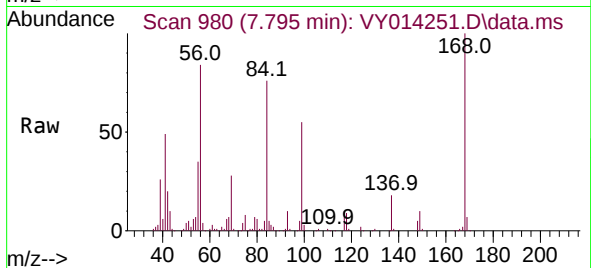




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
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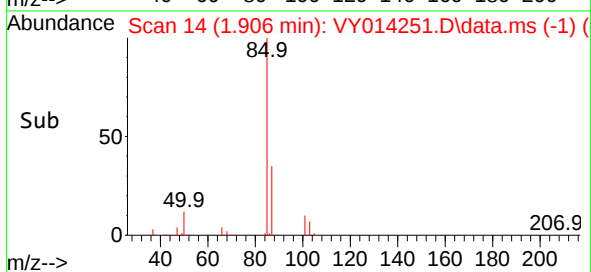
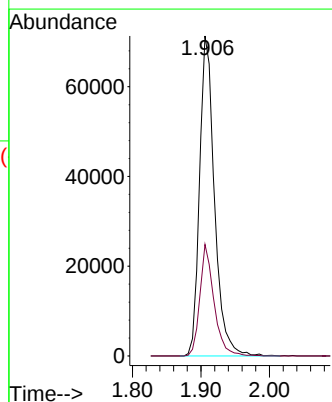
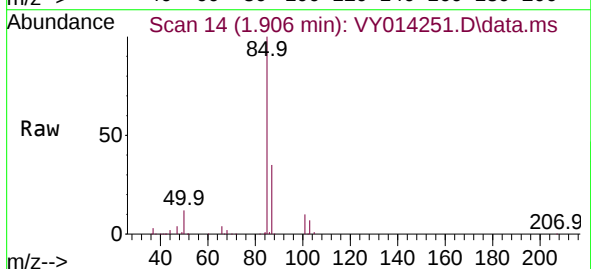
Instrument :
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VSTDCCC050

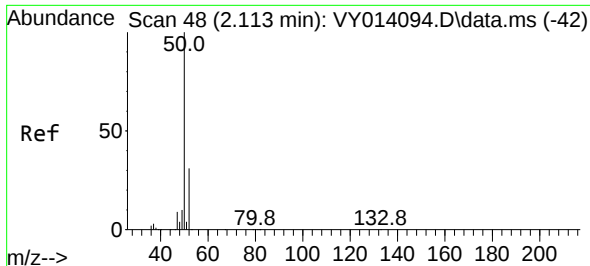
Tgt Ion:168 Resp: 205740
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 47.159 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

Tgt Ion: 85 Resp: 108133
Ion Ratio Lower Upper
85 100
87 34.9 15.6 46.8

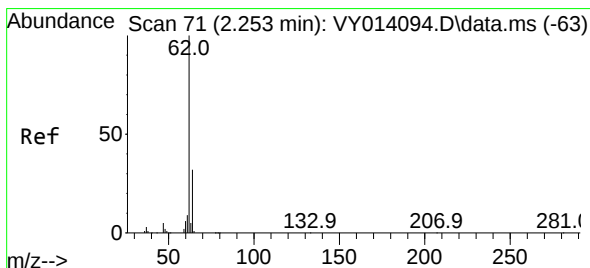
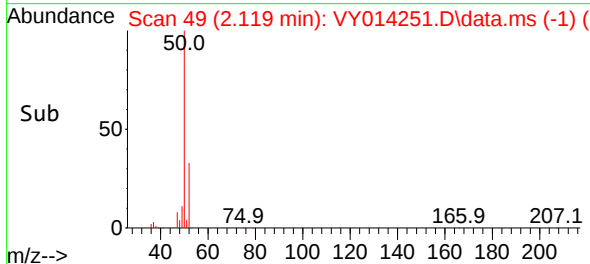
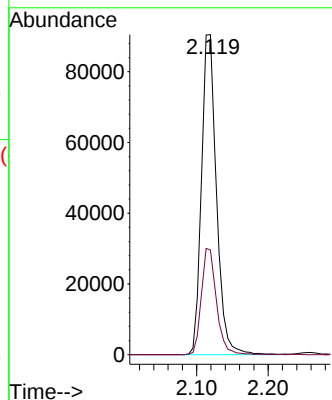
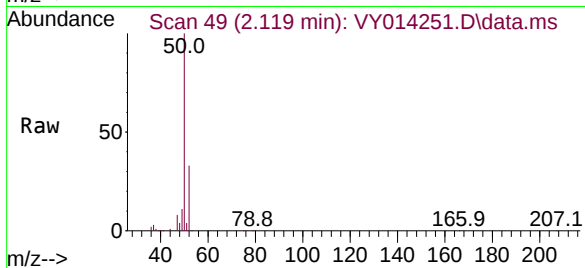




#3
Chloromethane
Concen: 45.349 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

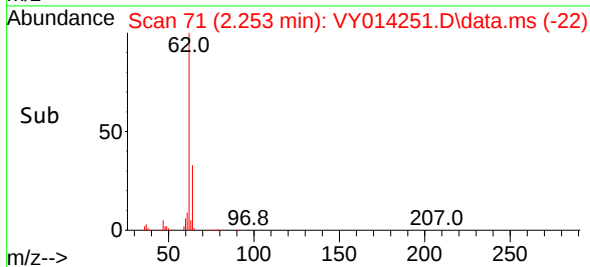
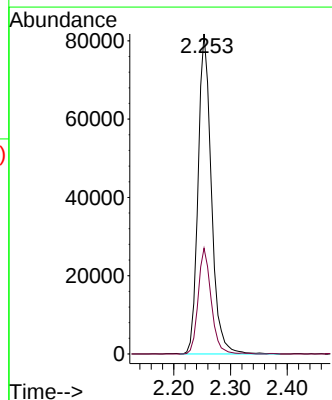
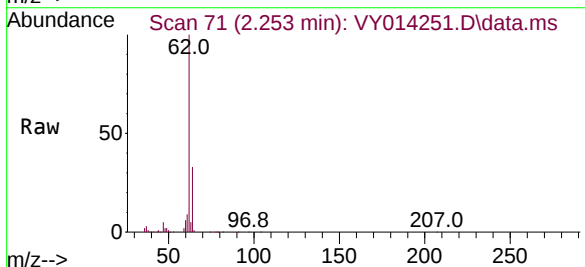
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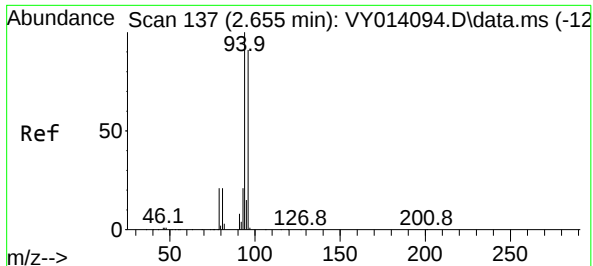
Tgt Ion: 50 Resp: 131847
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.2



#4
Vinyl Chloride
Concen: 46.991 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

Tgt Ion: 62 Resp: 132829
Ion Ratio Lower Upper
62 100
64 33.0 24.3 36.5

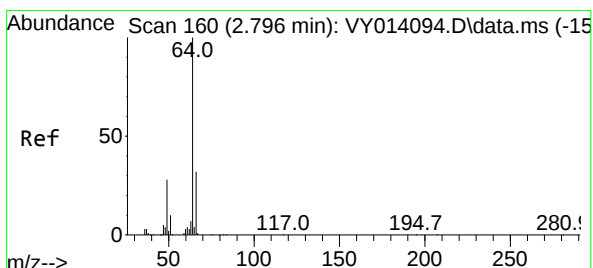
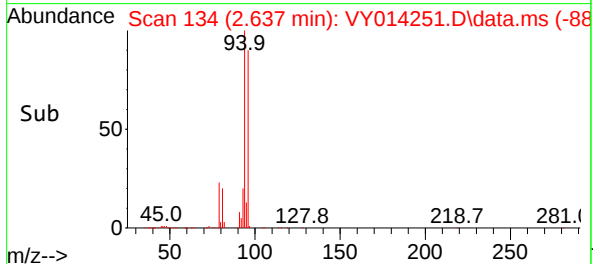
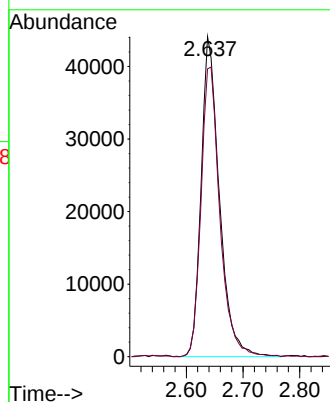
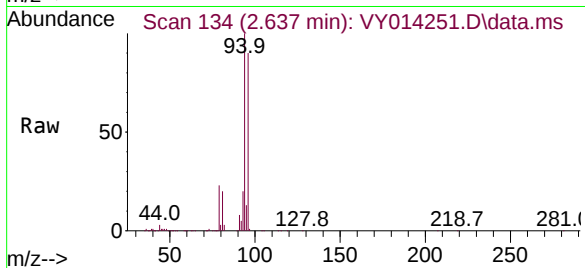




#5
Bromomethane
Concen: 42.267 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014251.D
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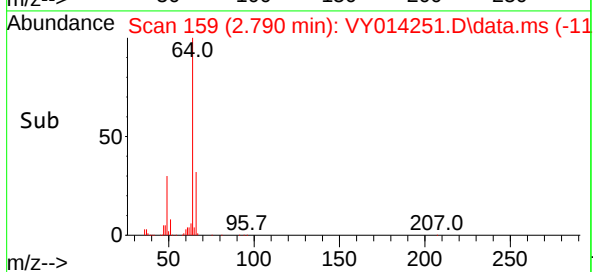
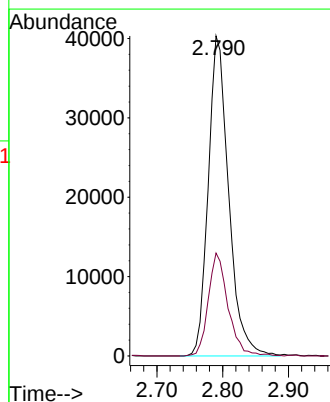
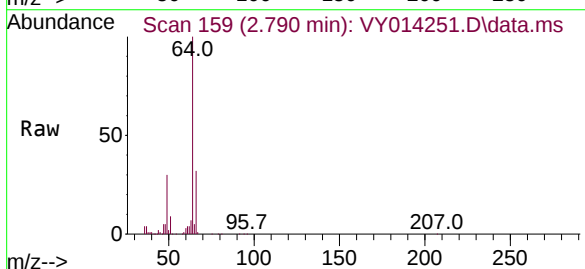
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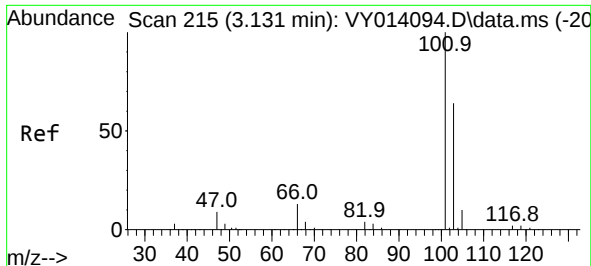
Tgt Ion: 94 Resp: 98577
Ion Ratio Lower Upper
94 100
96 90.0 75.8 113.6



#6
Chloroethane
Concen: 45.346 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

Tgt Ion: 64 Resp: 87098
Ion Ratio Lower Upper
64 100
66 32.1 24.4 36.6

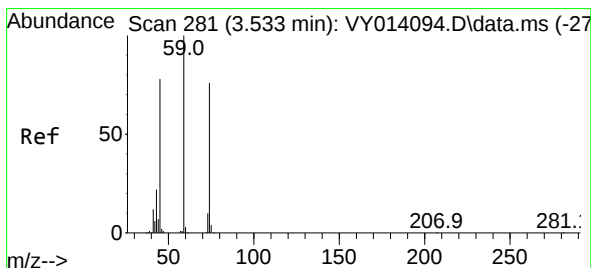
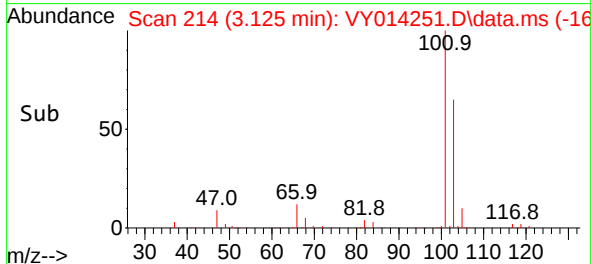
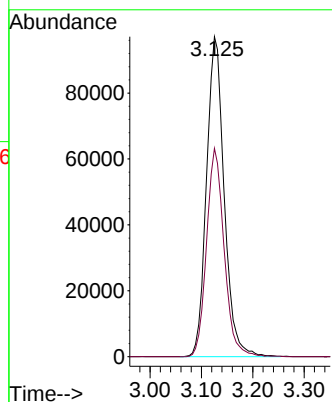
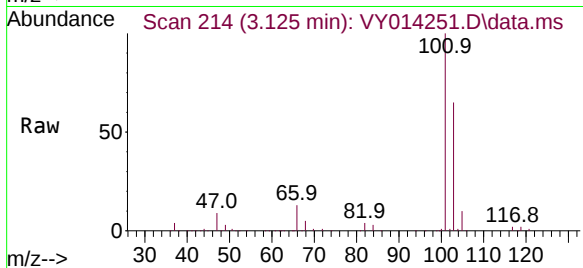




#7
 Trichlorofluoromethane
 Concen: 50.521 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY014251.D
 Acq: 20 Jun 2023 01:07

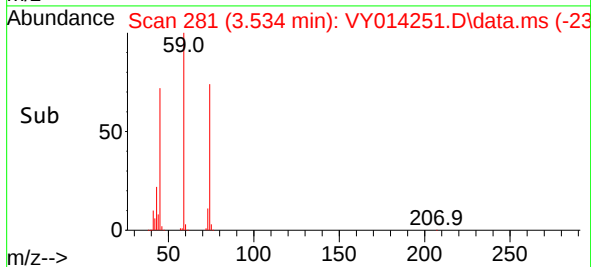
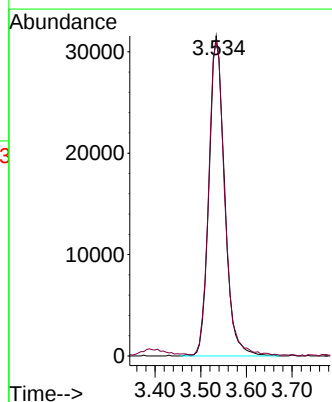
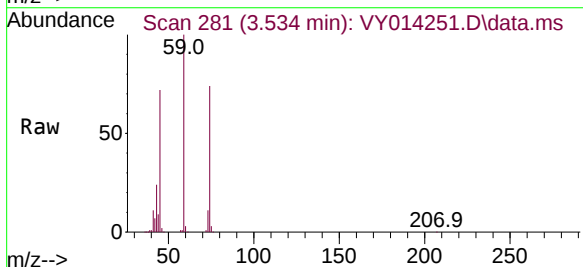
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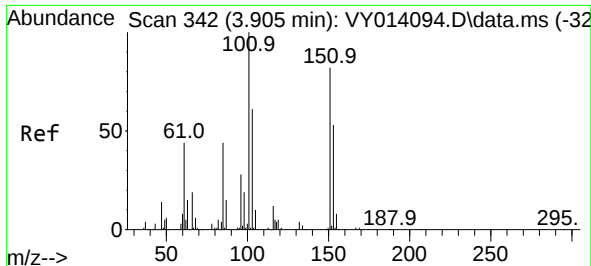
Tgt Ion:101 Resp: 232001
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 48.847 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.001 min
 Lab File: VY014251.D
 Acq: 20 Jun 2023 01:07

Tgt Ion: 74 Resp: 74900
 Ion Ratio Lower Upper
 74 100
 45 100.4 51.5 154.5

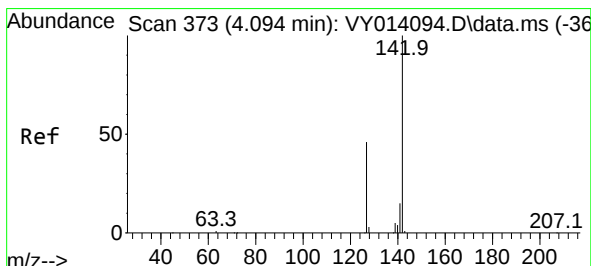
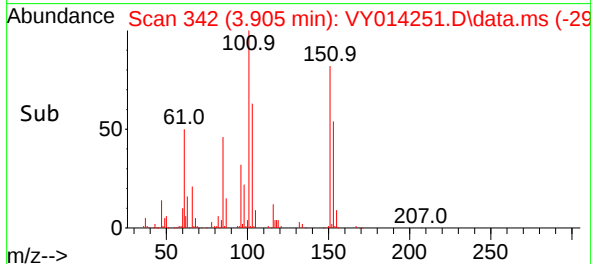
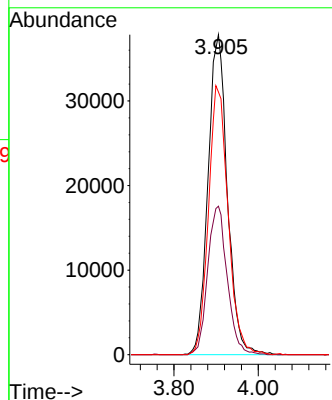
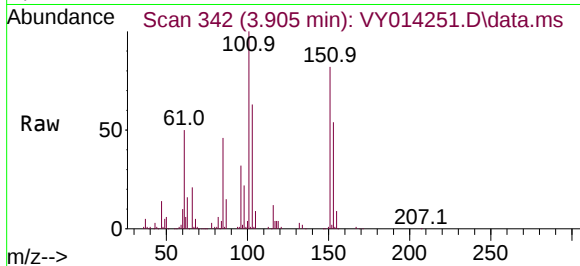




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.154 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

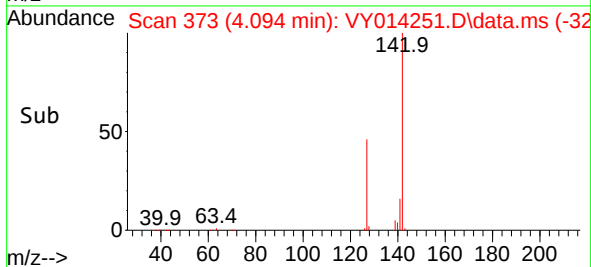
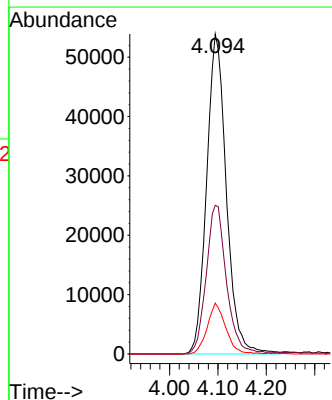
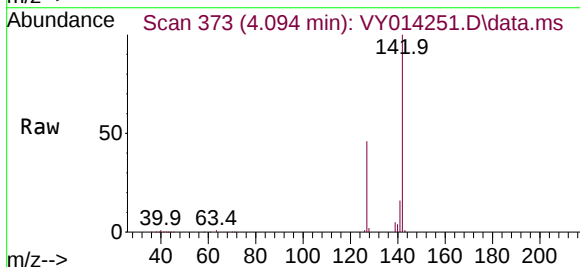
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

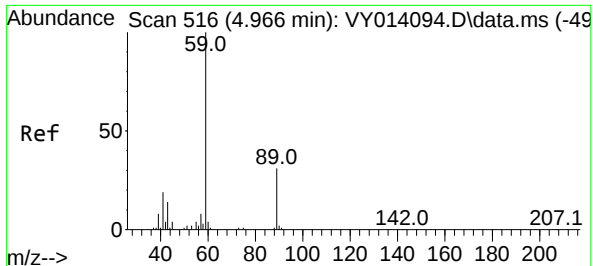
Tgt Ion:101 Resp: 120872
Ion Ratio Lower Upper
101 100
85 46.8 36.6 55.0
151 85.0 67.0 100.6



#10
Methyl Iodide
Concen: 49.875 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

Tgt Ion:142 Resp: 152633
Ion Ratio Lower Upper
142 100
127 47.9 37.6 56.4
141 14.9 11.8 17.8





#11

Tert butyl alcohol

Concen: 230.608 ug/l

RT: 4.960 min Scan# 516

Delta R.T. -0.006 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

Instrument :

MSVOA_Y

ClientSampleId :

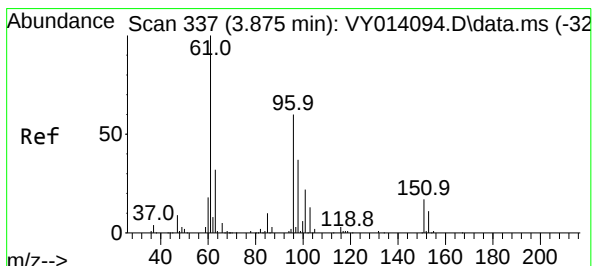
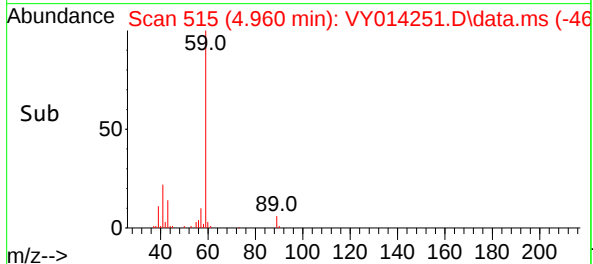
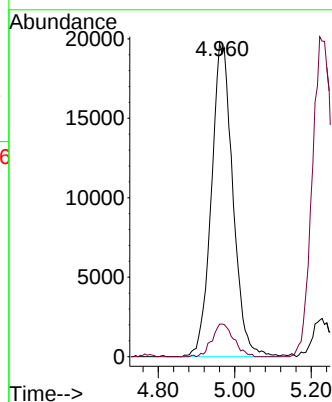
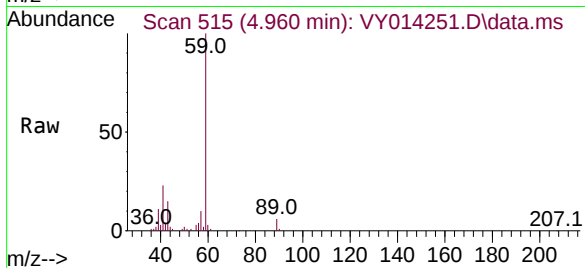
VSTDCCC050

Tgt Ion: 59 Resp: 77013

Ion Ratio Lower Upper

59 100

57 10.5 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 49.201 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

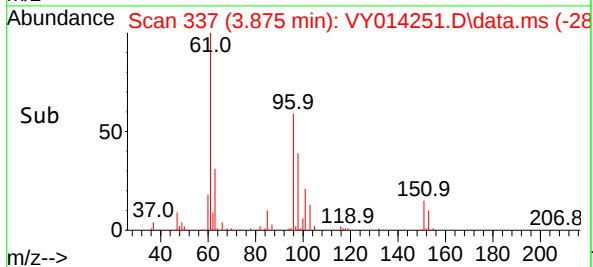
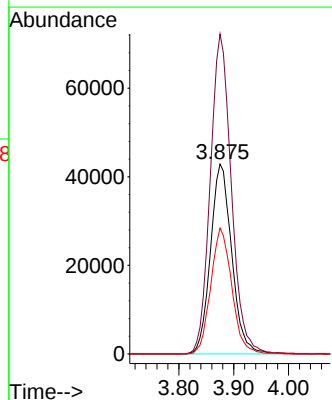
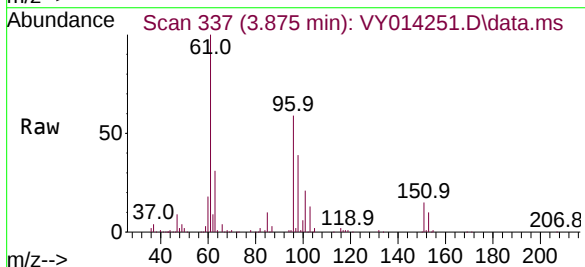
Tgt Ion: 96 Resp: 115577

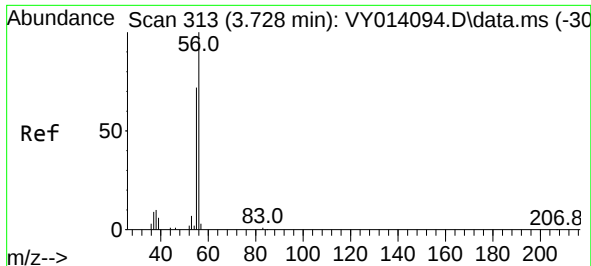
Ion Ratio Lower Upper

96 100

61 168.5 136.4 204.6

98 66.3 49.4 74.2

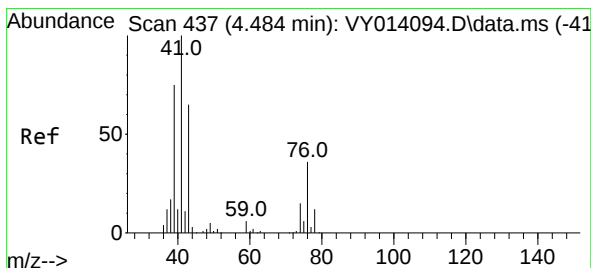
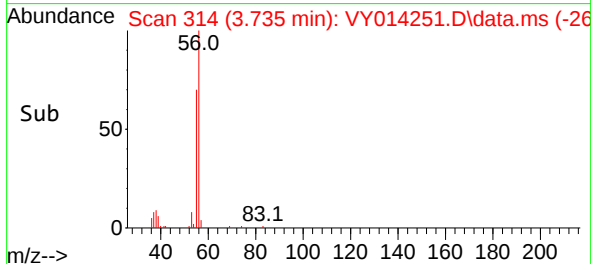
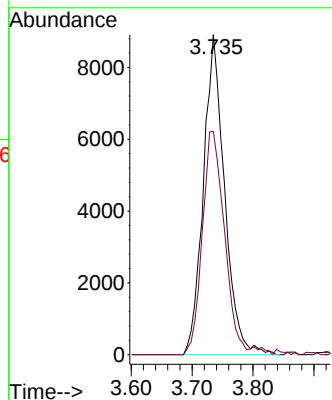
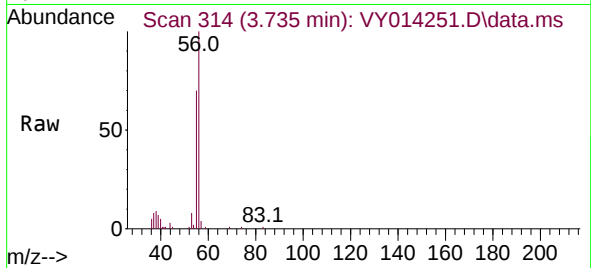




#13
Acrolein
Concen: 150.390 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.007 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

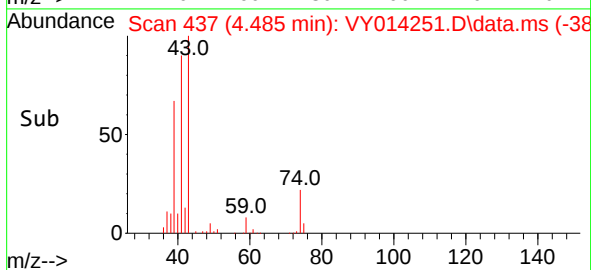
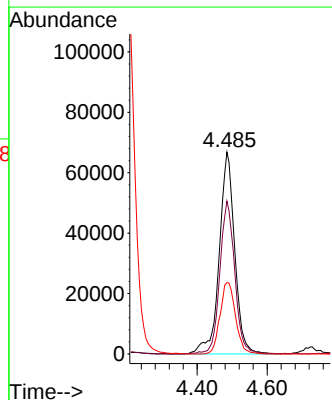
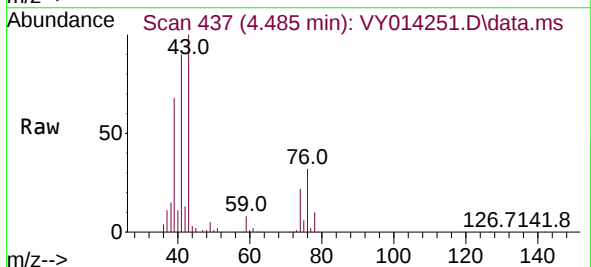
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

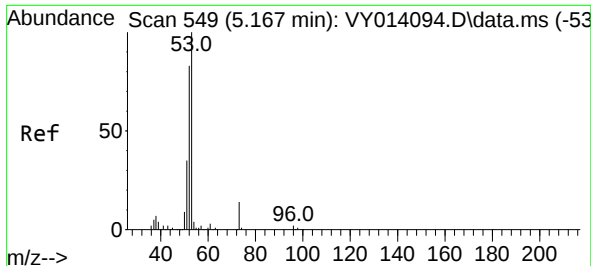
Tgt Ion: 56 Resp: 21544
Ion Ratio Lower Upper
56 100
55 72.7 57.0 85.4



#14
Allyl chloride
Concen: 48.226 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.001 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

Tgt Ion: 41 Resp: 205349
Ion Ratio Lower Upper
41 100
39 73.1 58.0 87.0
76 35.3 27.4 41.2

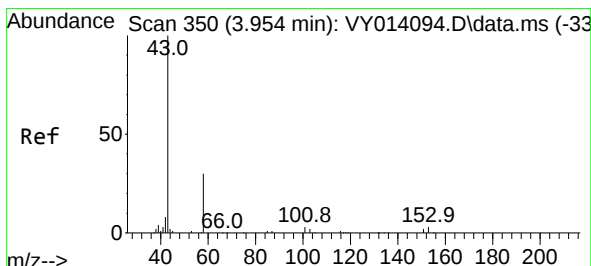
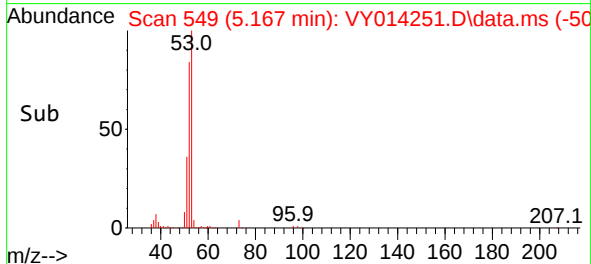
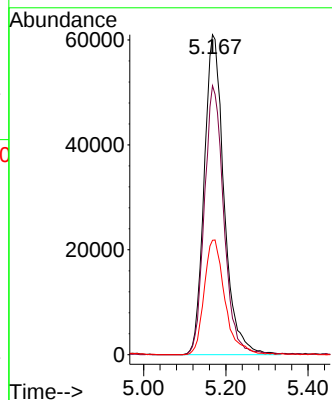
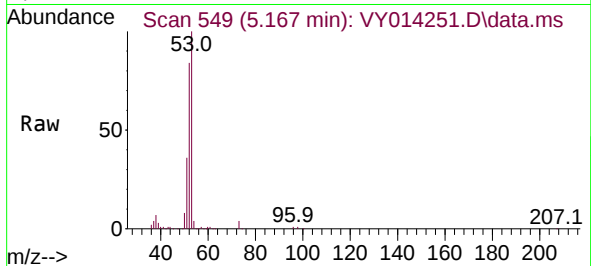




#15
Acrylonitrile
Concen: 258.019 ug/l
RT: 5.167 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

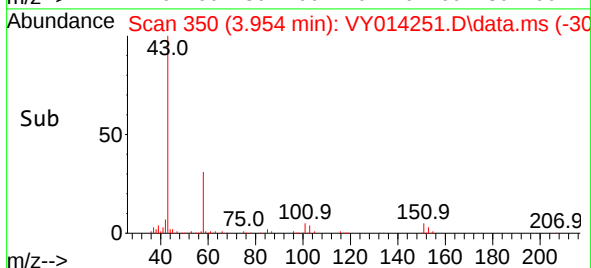
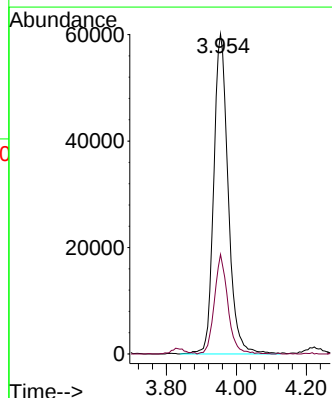
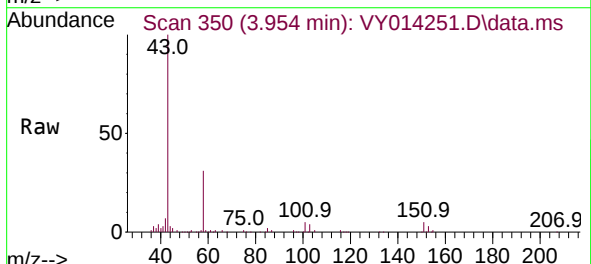
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

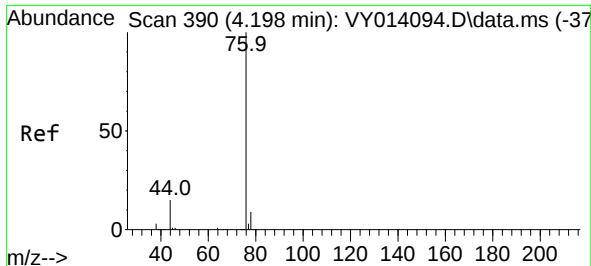
Tgt Ion: 53 Resp: 204070
Ion Ratio Lower Upper
53 100
52 82.5 66.9 100.3
51 37.5 29.8 44.6



#16
Acetone
Concen: 200.009 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

Tgt Ion: 43 Resp: 172725
Ion Ratio Lower Upper
43 100
58 31.0 22.7 34.1

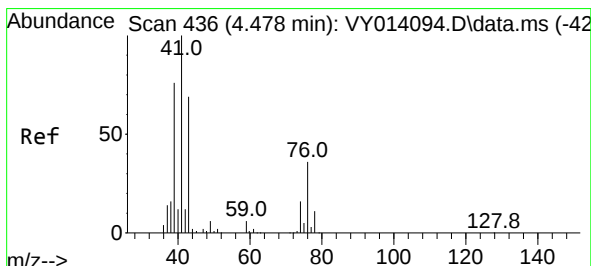
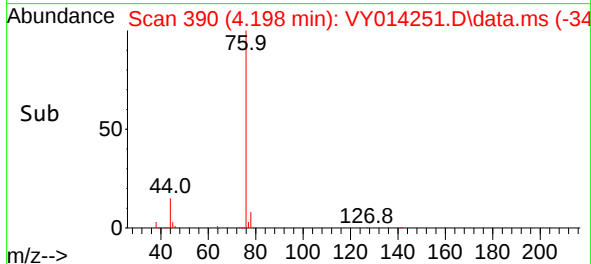
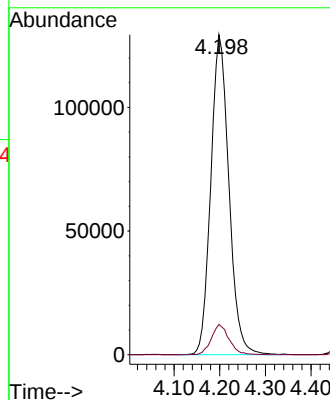
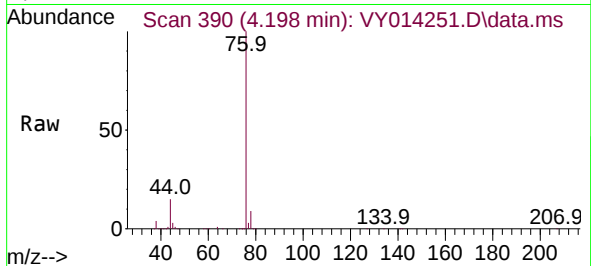




#17
Carbon Disulfide
Concen: 46.689 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

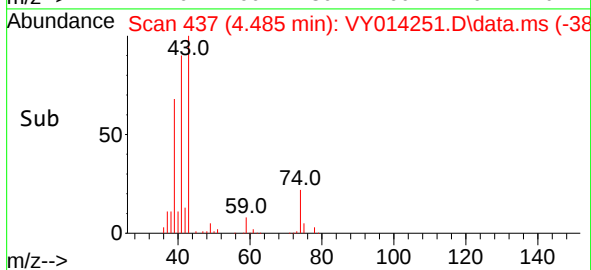
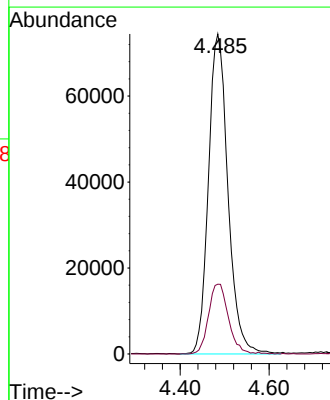
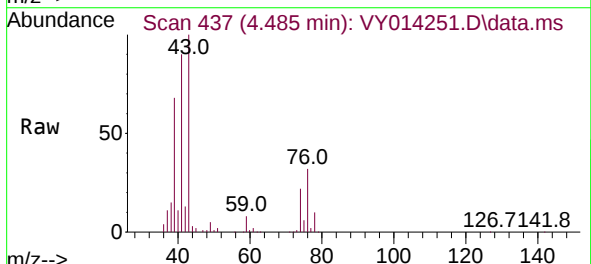
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

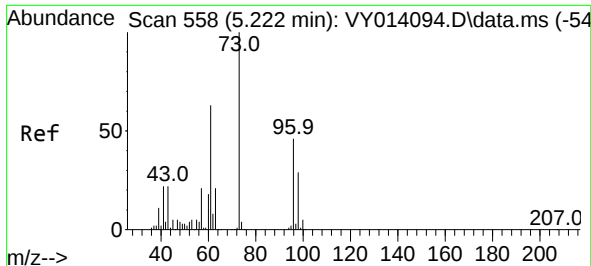
Tgt Ion: 76 Resp: 355402
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 67.812 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.007 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

Tgt Ion: 43 Resp: 227308
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 51.233 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

Instrument :

MSVOA_Y

ClientSampleId :

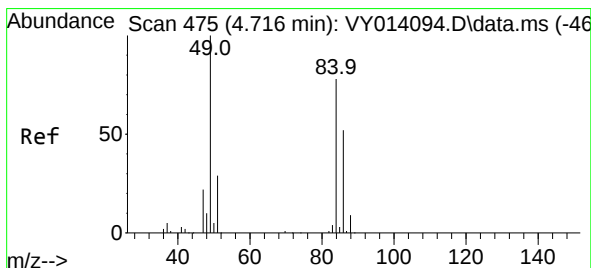
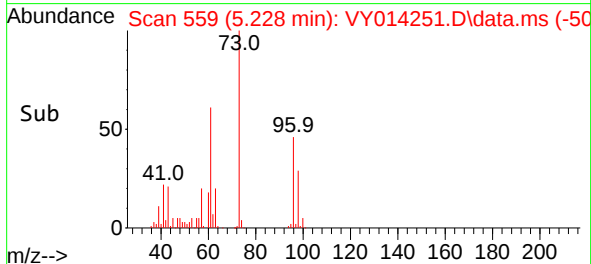
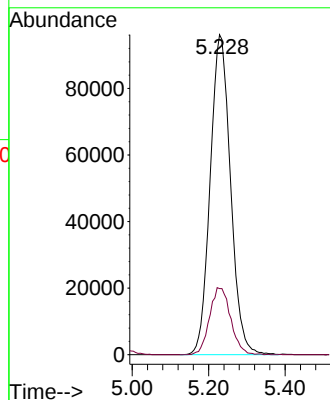
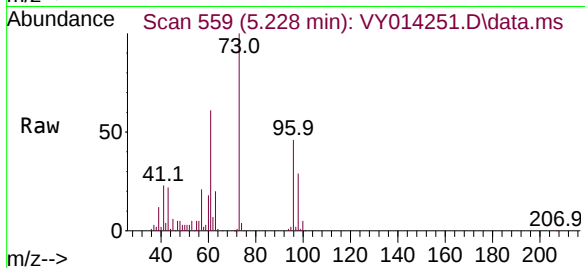
VSTDCCC050

Tgt Ion: 73 Resp: 354956

Ion Ratio Lower Upper

73 100

57 20.7 17.3 25.9



#20

Methylene Chloride

Concen: 58.758 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

Tgt Ion: 84 Resp: 160265

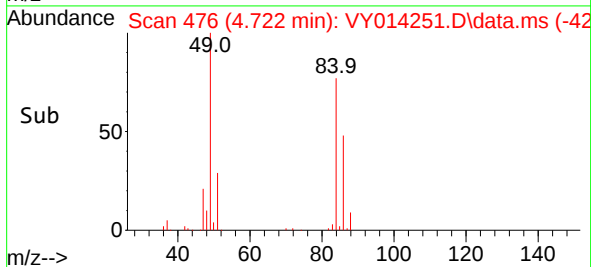
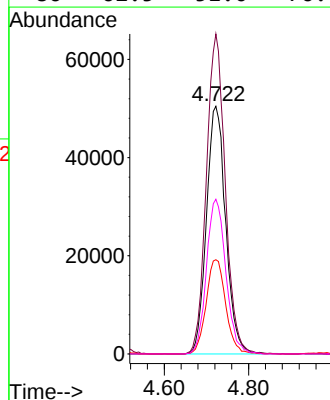
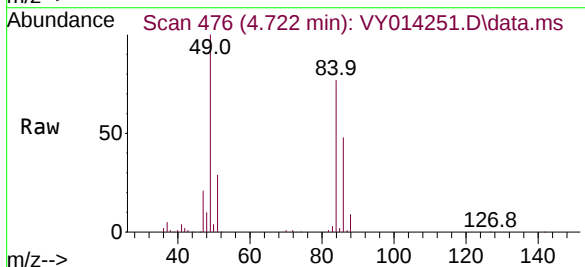
Ion Ratio Lower Upper

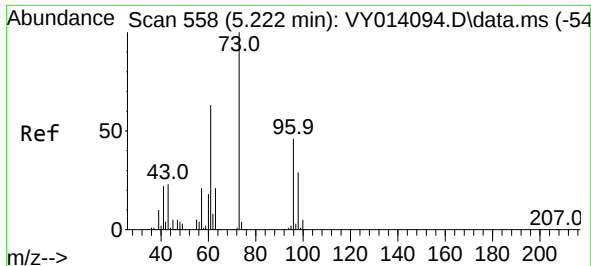
84 100

49 129.2 106.9 160.3

51 38.1 33.2 49.8

86 62.5 51.0 76.6

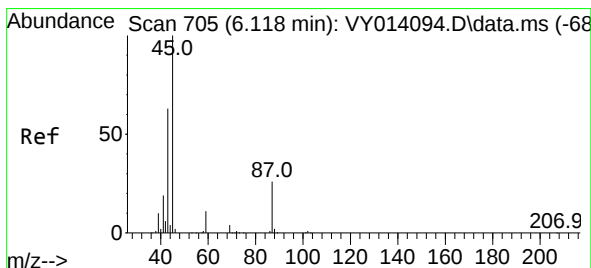
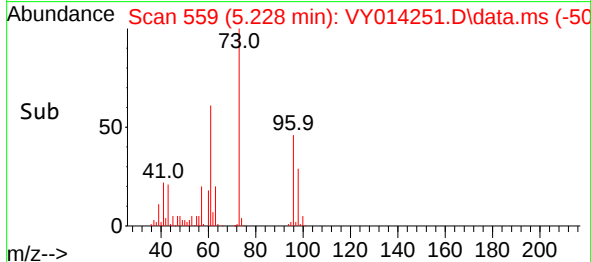
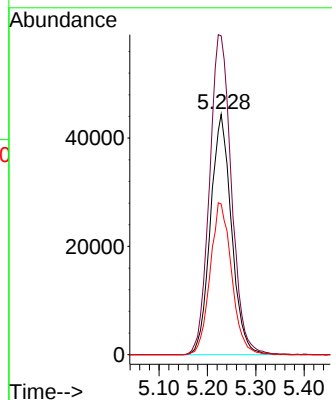
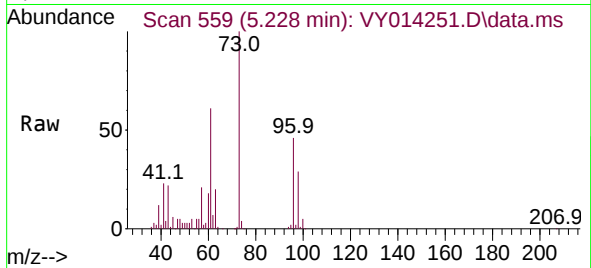




#21
trans-1,2-Dichloroethene
Concen: 51.176 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

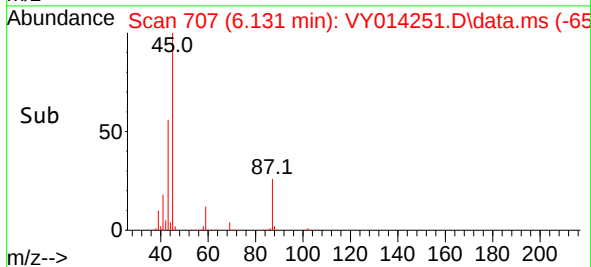
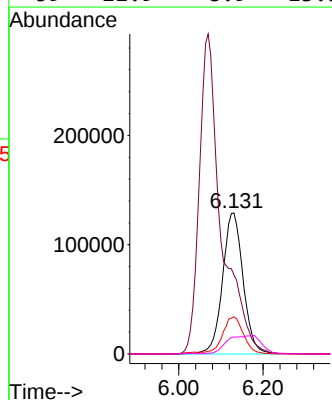
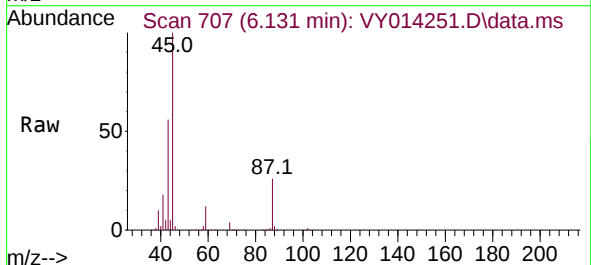
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

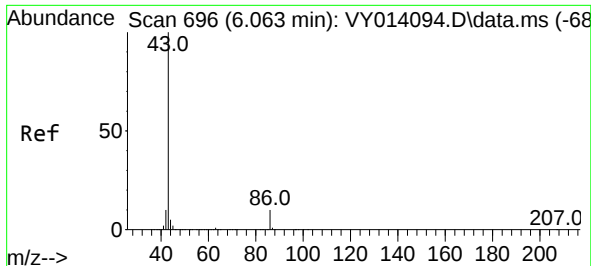
Tgt Ion: 96 Resp: 134085
Ion Ratio Lower Upper
96 100
61 132.7 110.2 165.4
98 62.7 51.8 77.6



#22
Diisopropyl ether
Concen: 53.423 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.013 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

Tgt Ion: 45 Resp: 435546
Ion Ratio Lower Upper
45 100
43 55.7 52.2 78.4
87 26.2 21.0 31.6
59 11.9 8.9 13.3

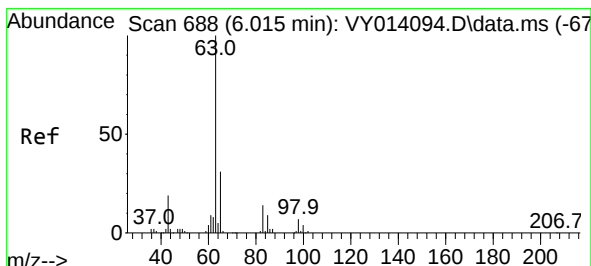
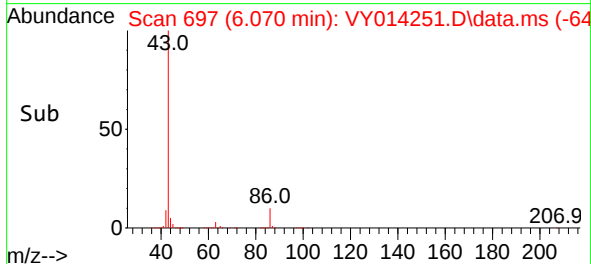
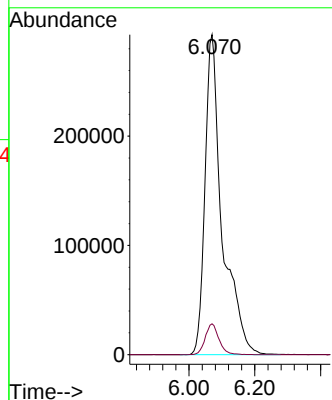
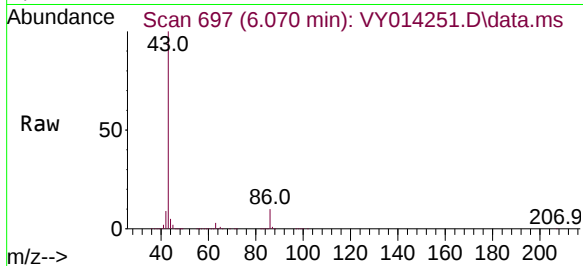




#23
 Vinyl Acetate
 Concen: 220.839 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.007 min
 Lab File: VY014251.D
 Acq: 20 Jun 2023 01:07

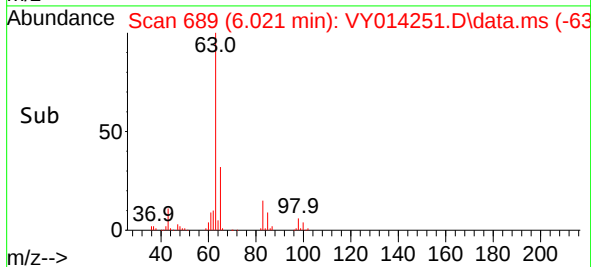
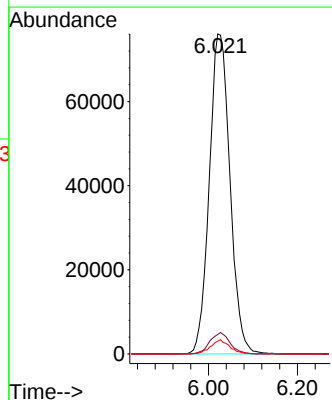
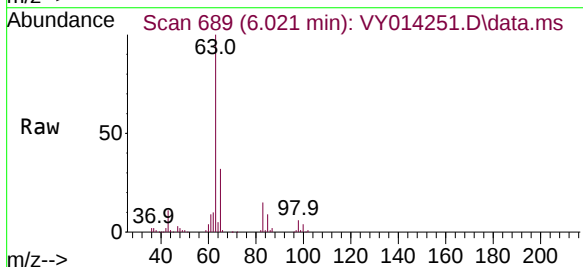
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

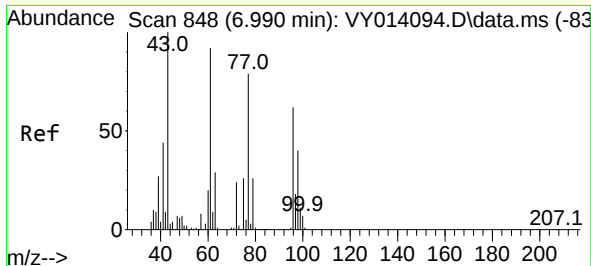
Tgt Ion: 43 Resp: 1062301
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 52.352 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY014251.D
 Acq: 20 Jun 2023 01:07

Tgt Ion: 63 Resp: 246089
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.1 9.4
 100 4.0 1.8 5.5

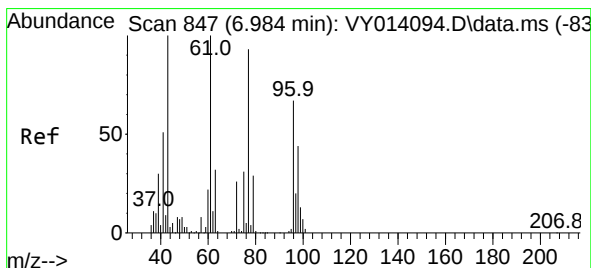
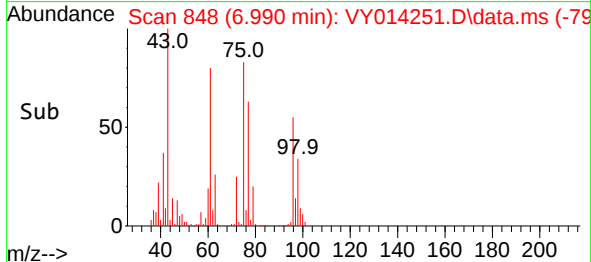
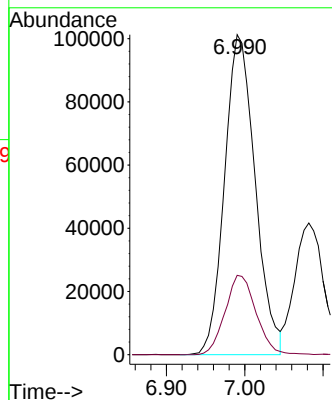
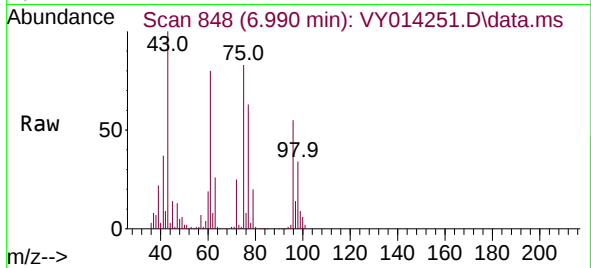




#25
2-Butanone
Concen: 258.696 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

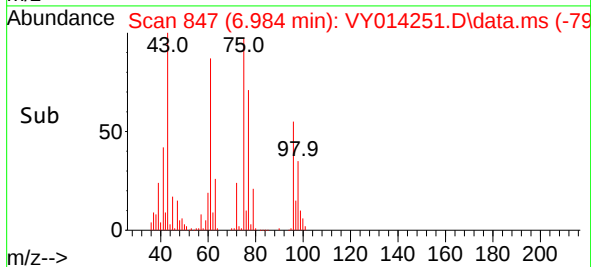
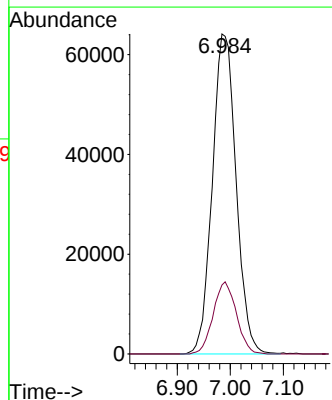
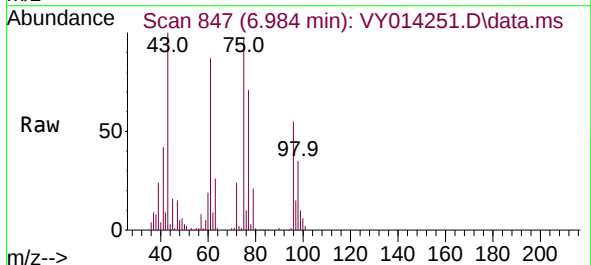
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

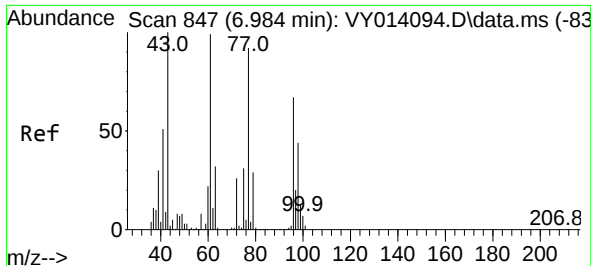
Tgt Ion: 43 Resp: 275004
Ion Ratio Lower Upper
43 100
72 24.8 20.5 30.7



#26
2,2-Dichloropropane
Concen: 45.250 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

Tgt Ion: 77 Resp: 199780
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.677 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

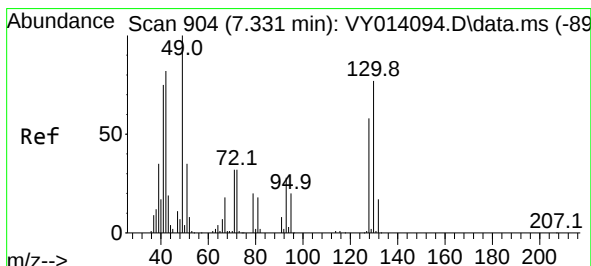
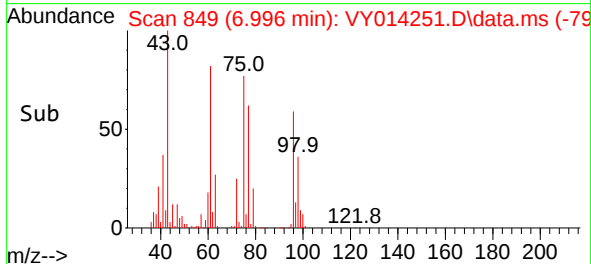
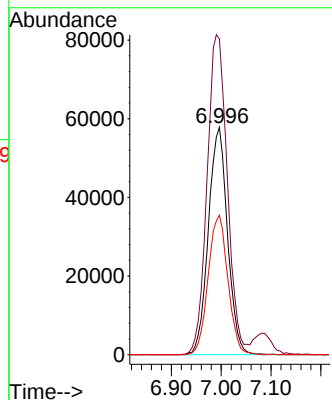
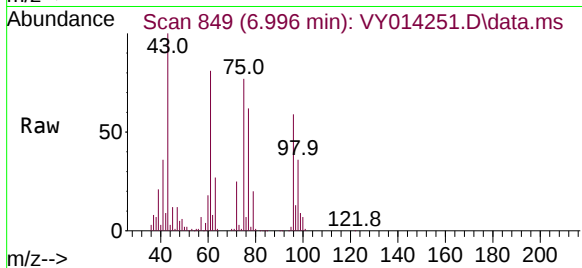
Tgt Ion: 96 Resp: 154395

Ion Ratio Lower Upper

96 100

61 149.0 0.0 301.4

98 63.1 0.0 130.4



#28

Bromochloromethane

Concen: 50.533 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.007 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

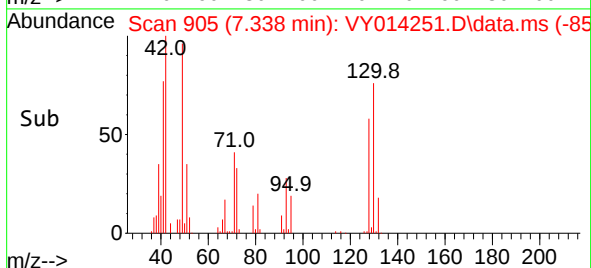
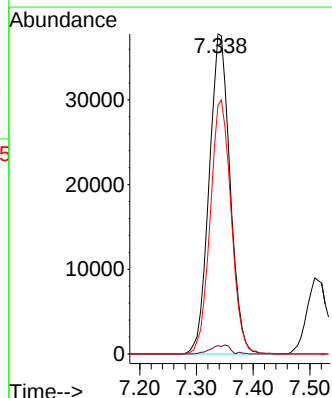
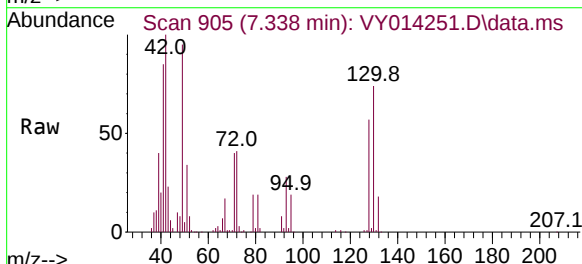
Tgt Ion: 49 Resp: 96598

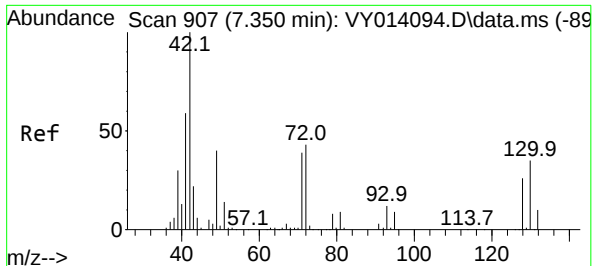
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 79.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 269.820 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

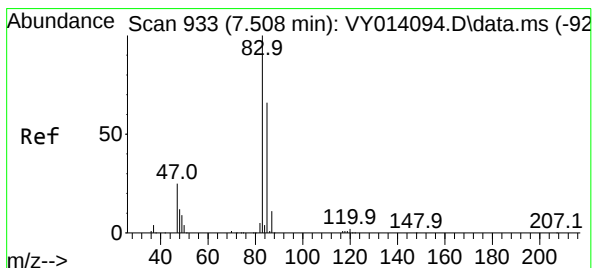
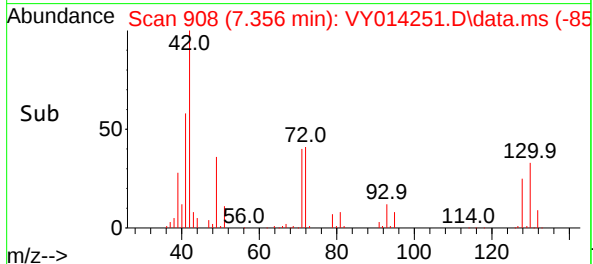
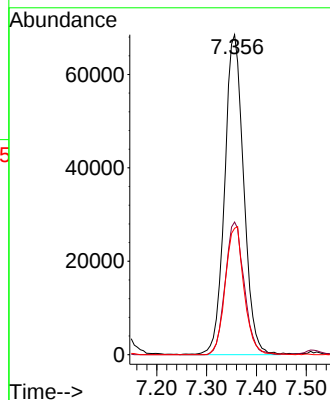
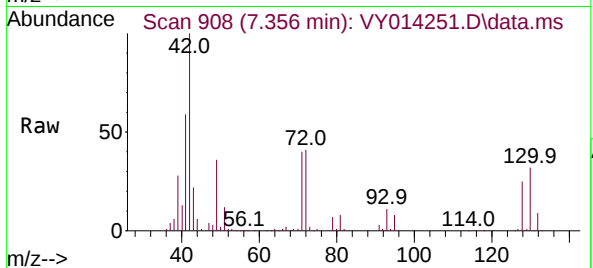
Tgt Ion: 42 Resp: 181882

Ion Ratio Lower Upper

42 100

72 41.2 32.8 49.2

71 39.5 31.0 46.4



#30

Chloroform

Concen: 53.374 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY014251.D

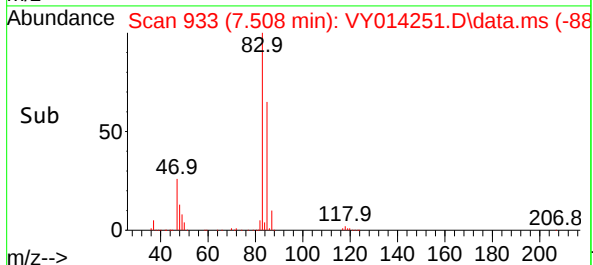
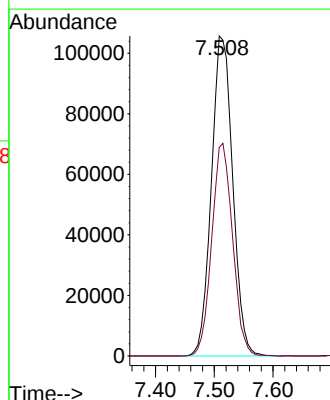
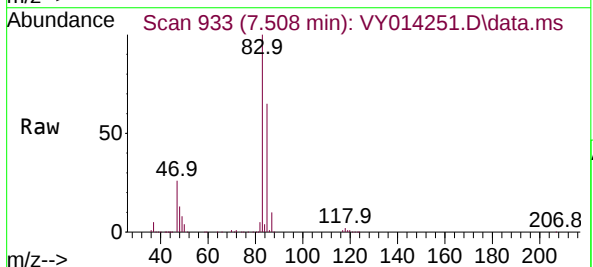
Acq: 20 Jun 2023 01:07

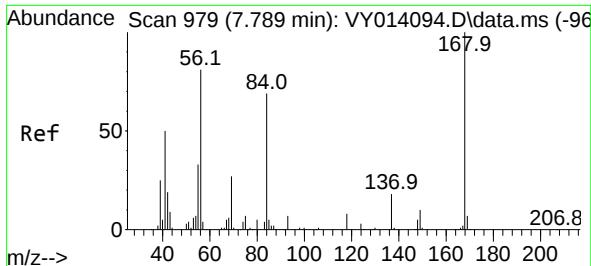
Tgt Ion: 83 Resp: 266172

Ion Ratio Lower Upper

83 100

85 65.2 49.7 74.5

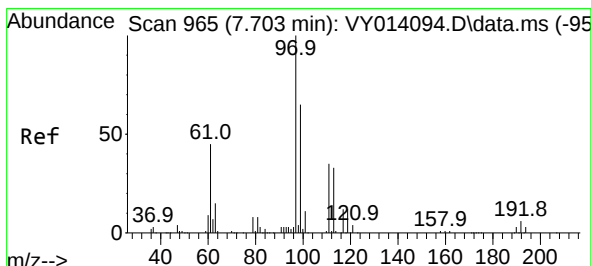
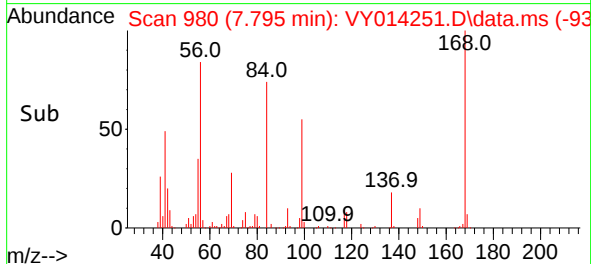
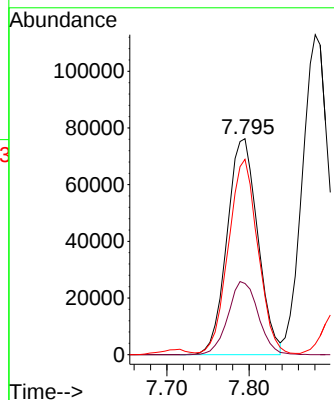
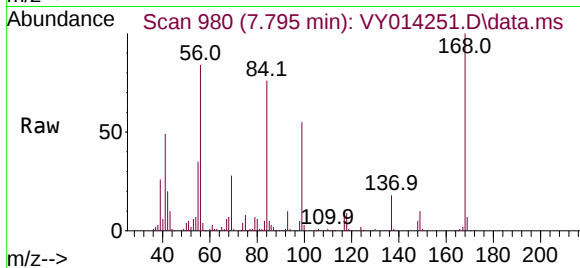




#31
Cyclohexane
Concen: 51.590 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

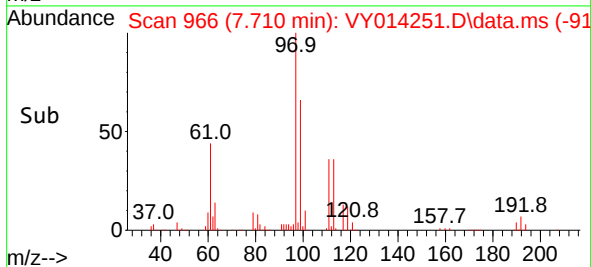
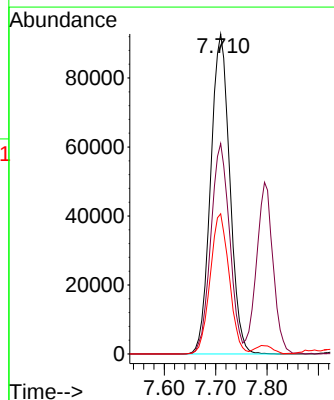
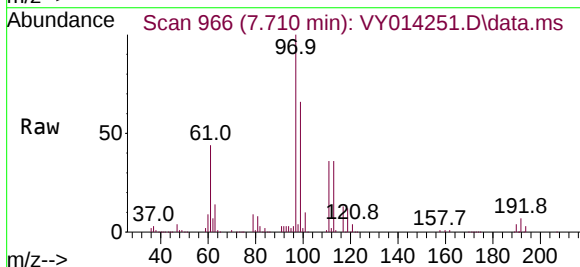
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

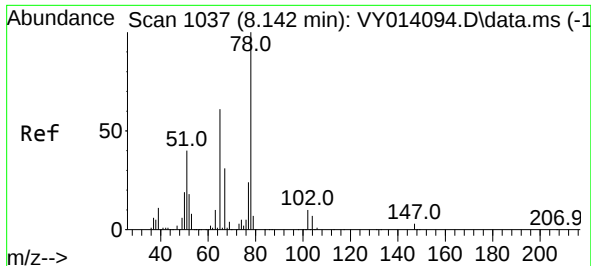
Tgt Ion: 56 Resp: 197997
Ion Ratio Lower Upper
56 100
69 33.0 27.8 41.6
84 87.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 53.289 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.007 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

Tgt Ion: 97 Resp: 239682
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 43.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.994 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

Instrument :

MSVOA_Y

ClientSampleId :

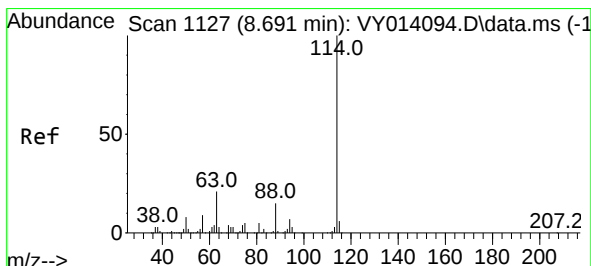
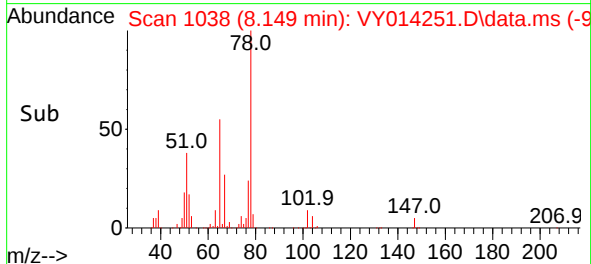
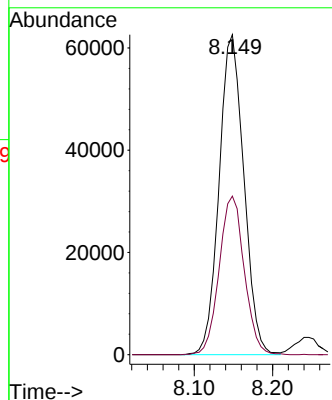
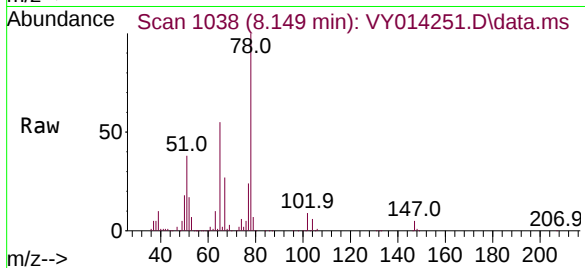
VSTDCCC050

Tgt Ion: 65 Resp: 137500

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

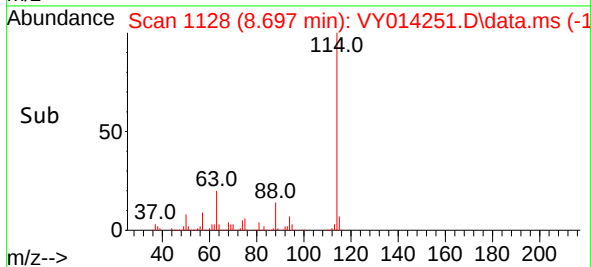
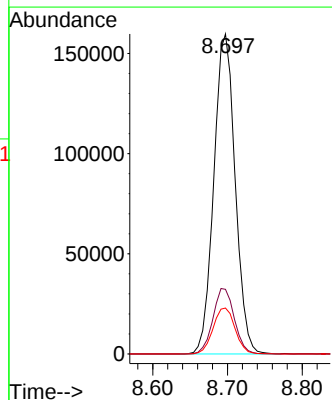
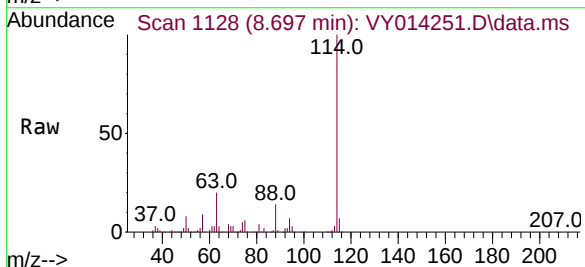
Tgt Ion: 114 Resp: 317231

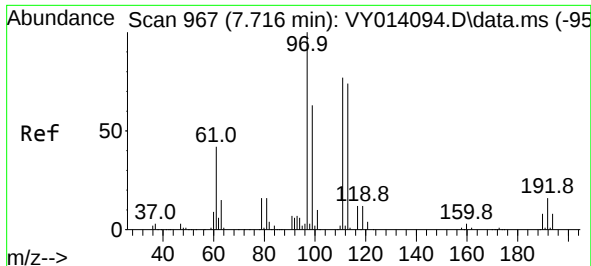
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

88 14.3 0.0 30.6

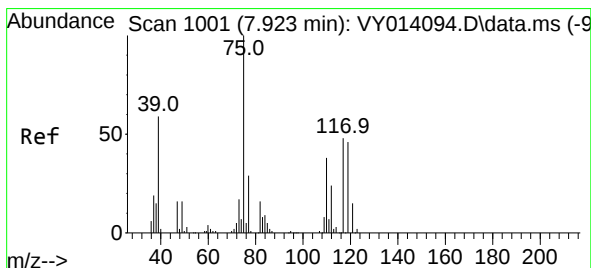
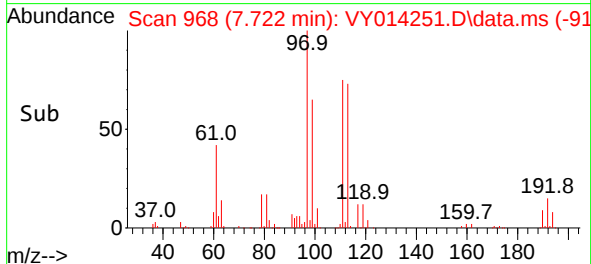
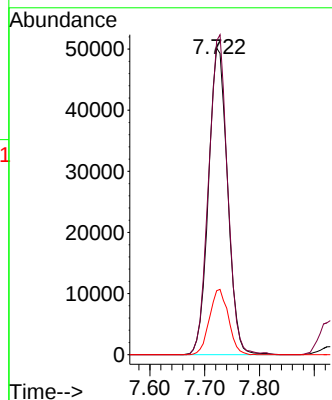
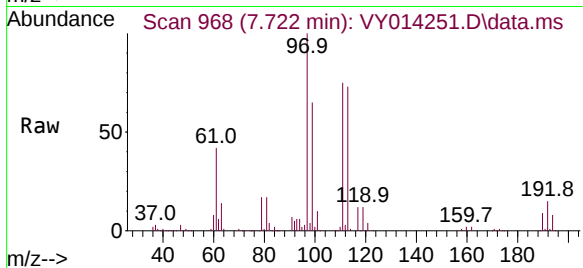




#35
Dibromofluoromethane
Concen: 53.779 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

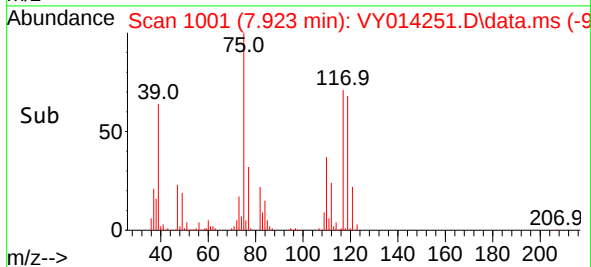
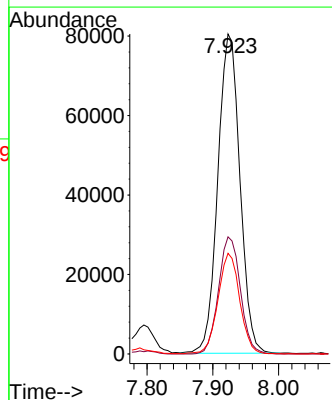
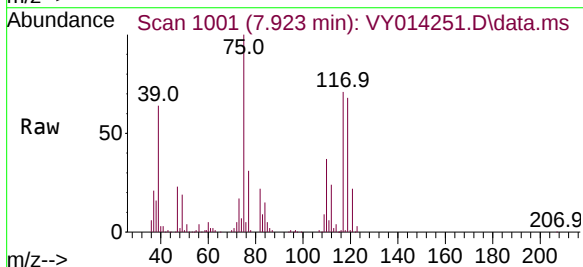
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

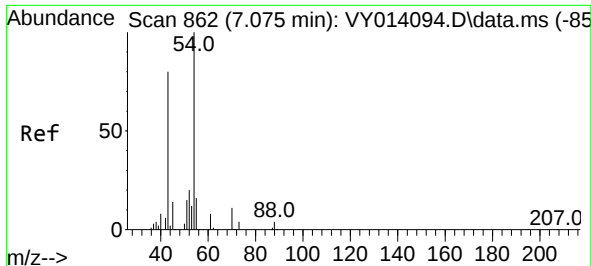
Tgt Ion:113 Resp: 120989
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 21.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 53.634 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

Tgt Ion: 75 Resp: 188115
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.5
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 46.135 ug/l

RT: 7.082 min Scan# 8

Delta R.T. 0.007 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

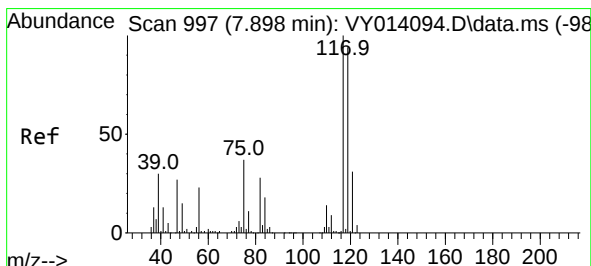
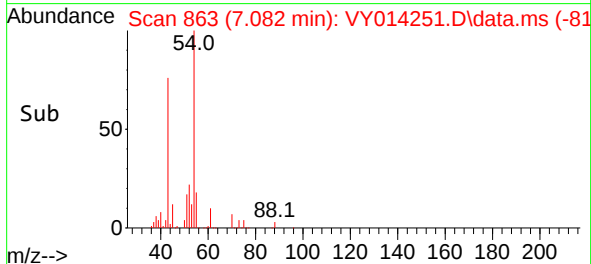
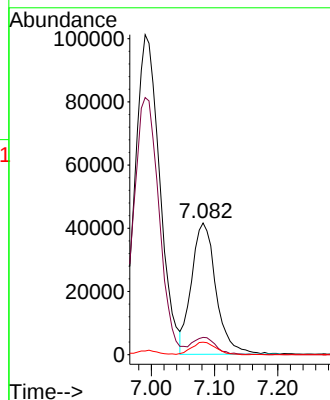
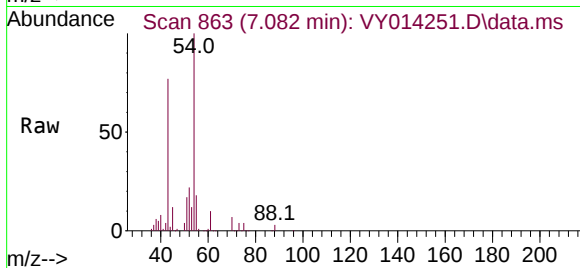
Tgt Ion: 43 Resp: 111647

Ion Ratio Lower Upper

43 100

61 12.1 10.1 15.1

70 9.4 7.1 10.7



#38

Carbon Tetrachloride

Concen: 54.920 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.007 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

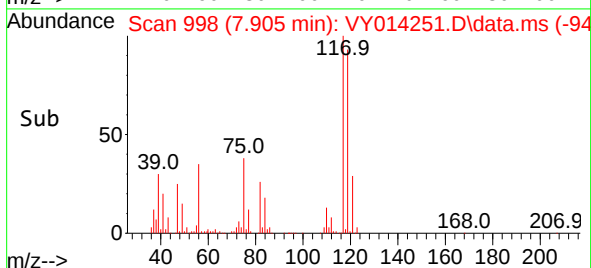
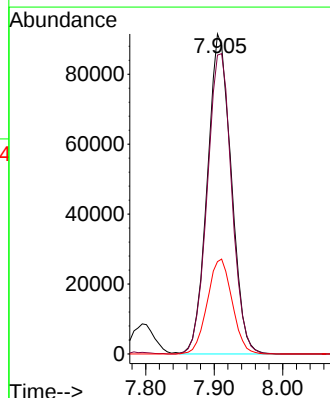
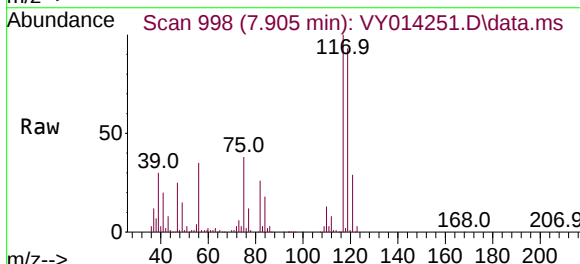
Tgt Ion: 117 Resp: 222285

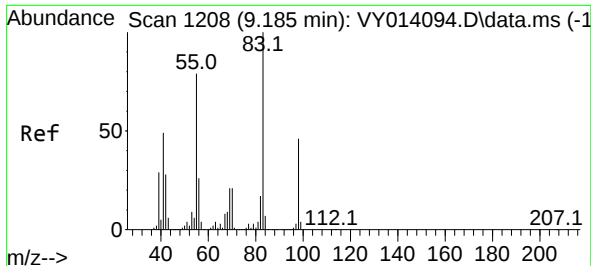
Ion Ratio Lower Upper

117 100

119 93.4 76.4 114.6

121 28.8 25.8 38.6

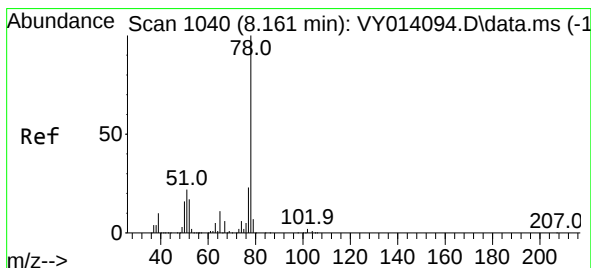
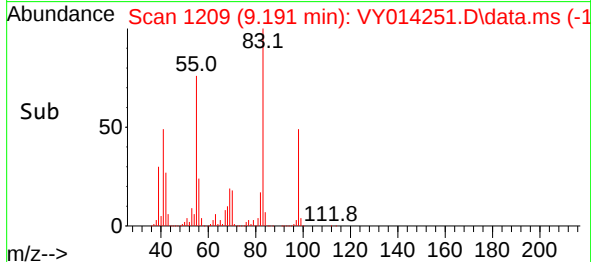
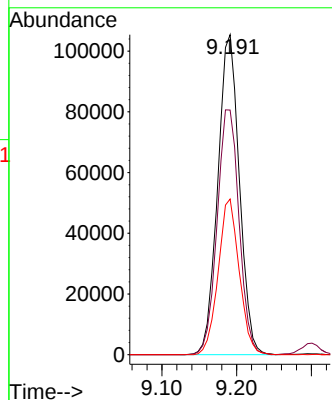
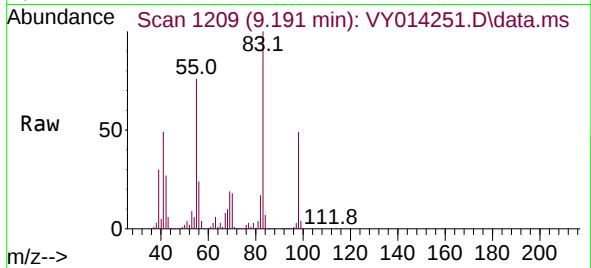




#39
Methylcyclohexane
Concen: 54.458 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

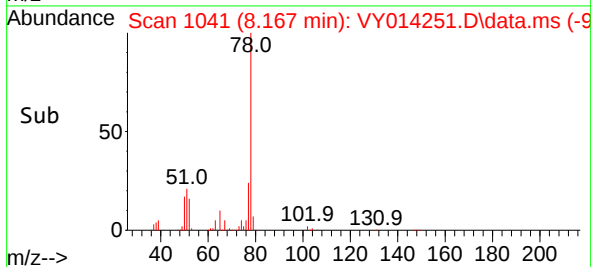
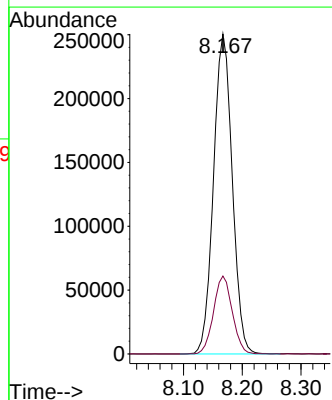
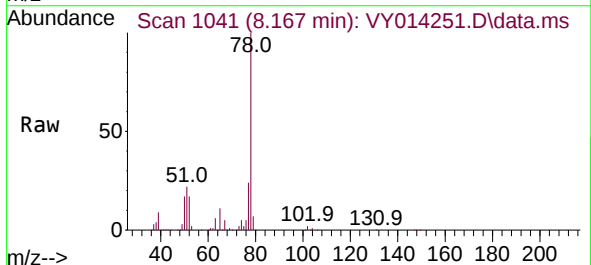
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

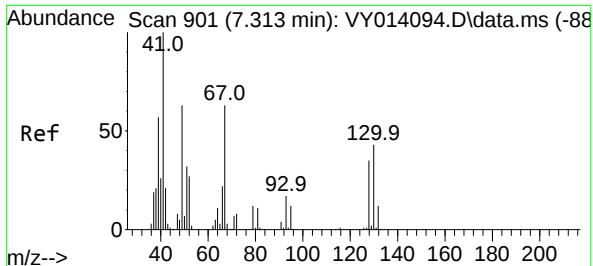
Tgt Ion: 83 Resp: 211921
Ion Ratio Lower Upper
83 100
55 76.5 63.0 94.4
98 48.7 37.4 56.2



#40
Benzene
Concen: 53.207 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

Tgt Ion: 78 Resp: 554925
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6

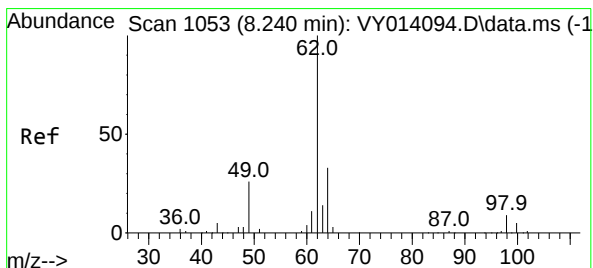
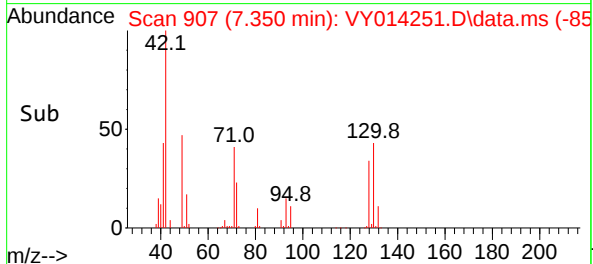
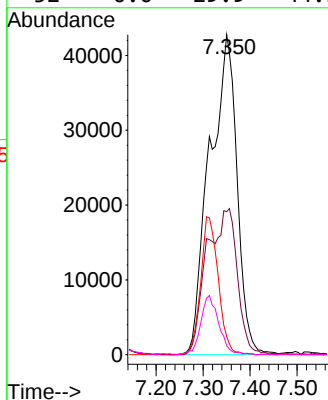
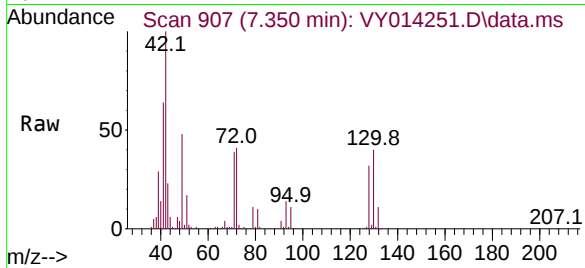




#41
Methacrylonitrile
Concen: 140.026 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

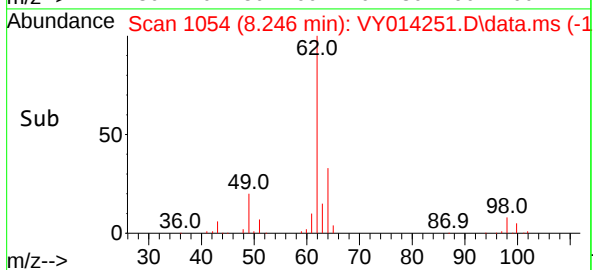
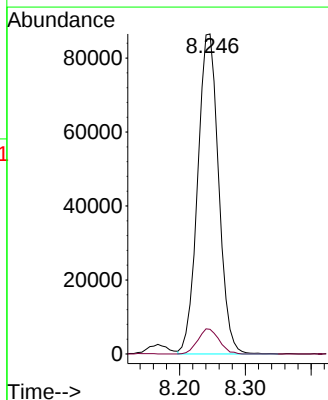
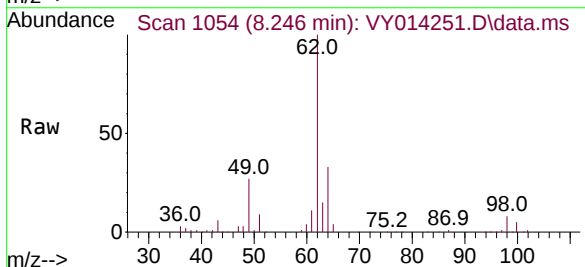
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

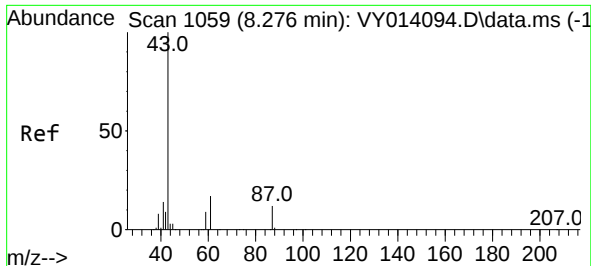
Tgt Ion: 41 Resp: 172941
Ion Ratio Lower Upper
41 100
39 24.4 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 51.955 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

Tgt Ion: 62 Resp: 191617
Ion Ratio Lower Upper
62 100
98 8.0 0.0 15.8

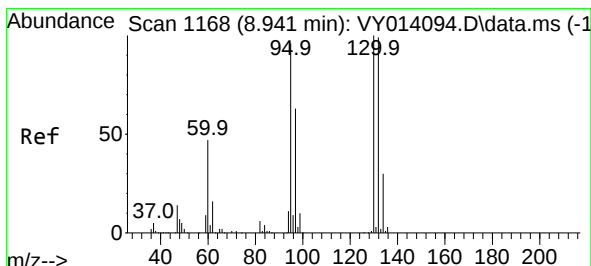
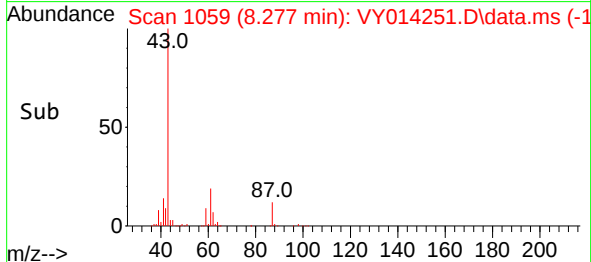
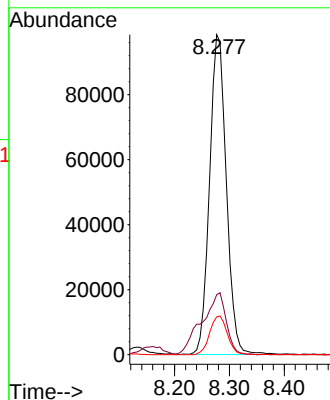
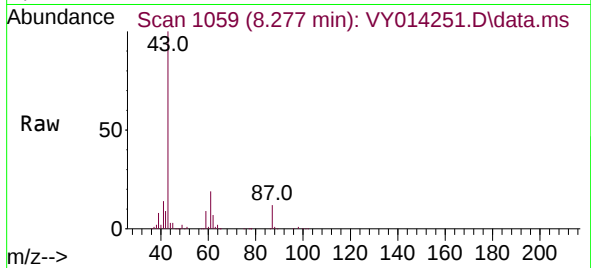




#43
Isopropyl Acetate
Concen: 49.179 ug/l
RT: 8.277 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

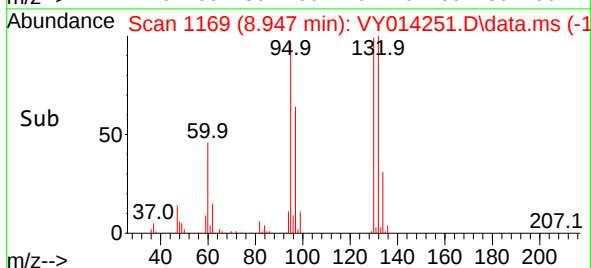
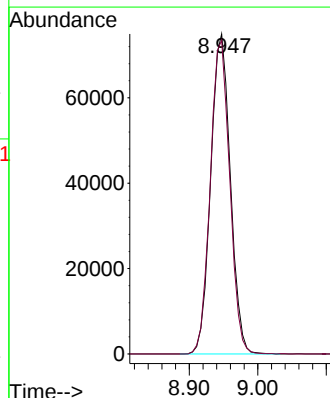
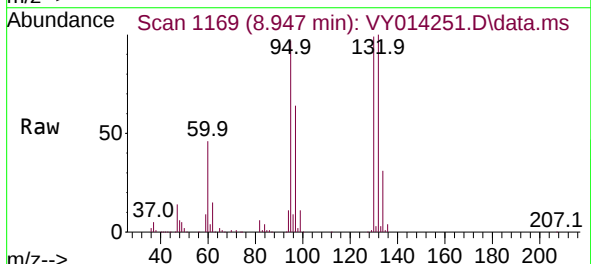
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

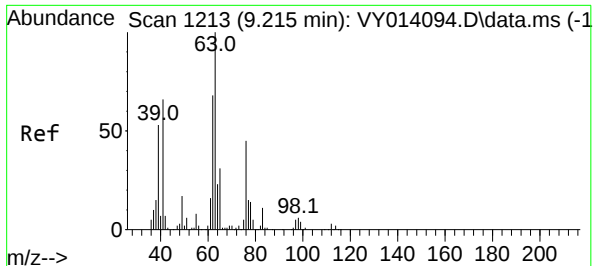
Tgt Ion: 43 Resp: 208596
Ion Ratio Lower Upper
43 100
61 28.3 21.1 31.7
87 12.7 9.8 14.8



#44
Trichloroethene
Concen: 53.341 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

Tgt Ion:130 Resp: 148636
Ion Ratio Lower Upper
130 100
95 98.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 52.669 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.007 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

Instrument :

MSVOA_Y

ClientSampleId :

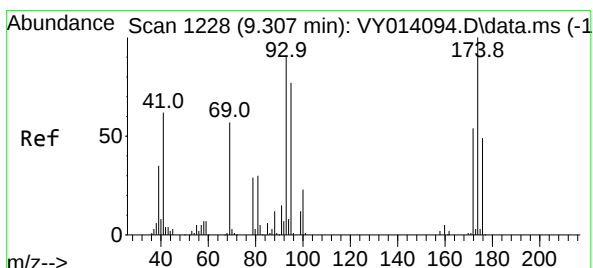
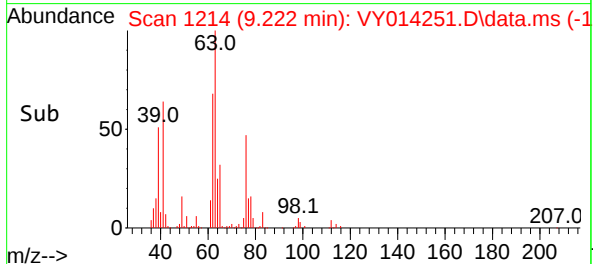
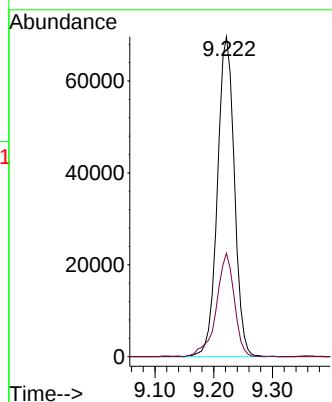
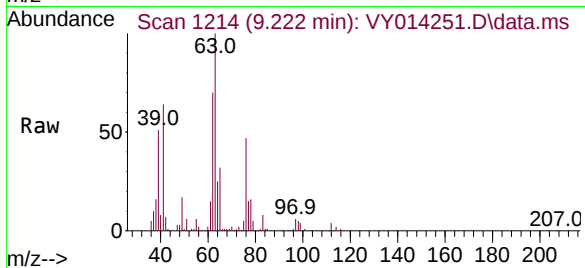
VSTDCCC050

Tgt Ion: 63 Resp: 139524

Ion Ratio Lower Upper

63 100

65 32.3 23.8 35.6



#46

Dibromomethane

Concen: 52.402 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

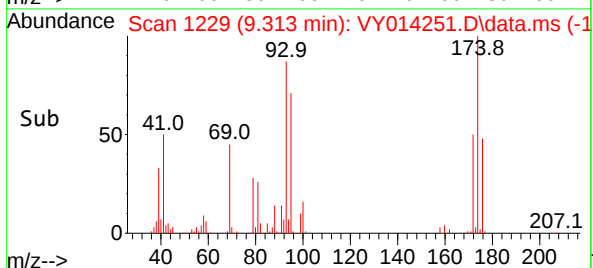
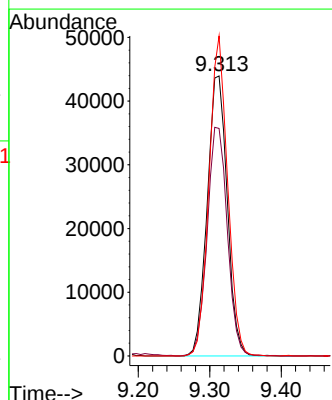
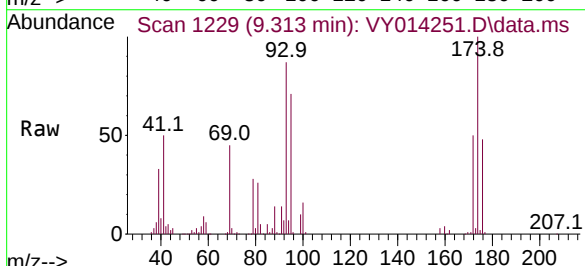
Tgt Ion: 93 Resp: 85450

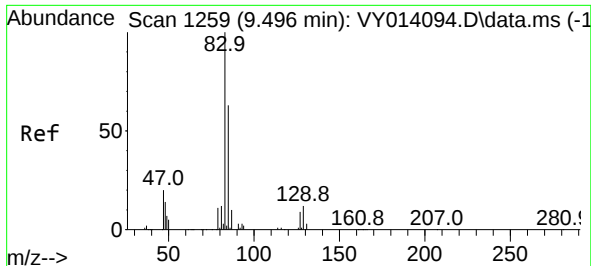
Ion Ratio Lower Upper

93 100

95 82.1 66.6 100.0

174 106.3 84.8 127.2





#47

Bromodichloromethane

Concen: 54.034 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. 0.006 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

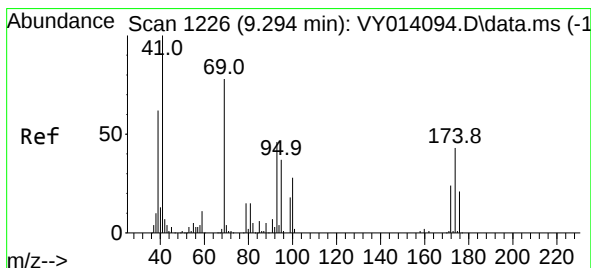
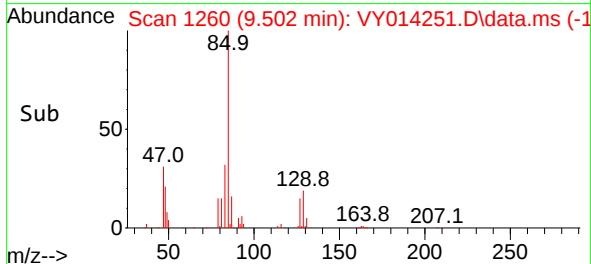
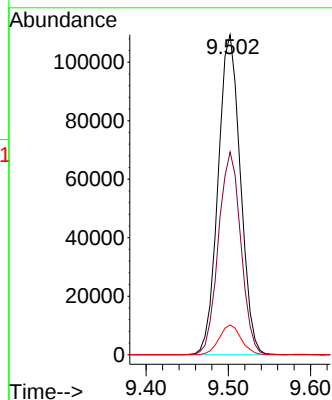
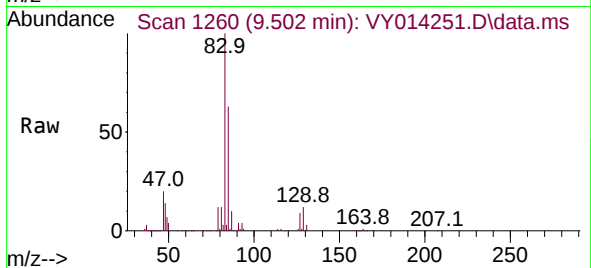
Tgt Ion: 83 Resp: 206306

Ion Ratio Lower Upper

83 100

85 63.4 50.1 75.1

127 9.3 7.1 10.7



#48

Methyl methacrylate

Concen: 52.379 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.007 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

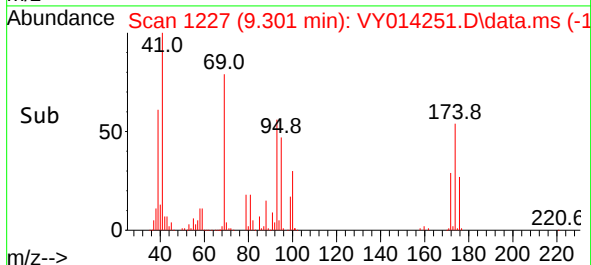
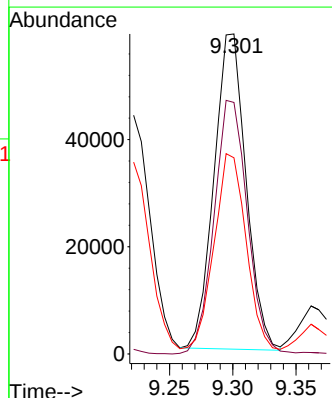
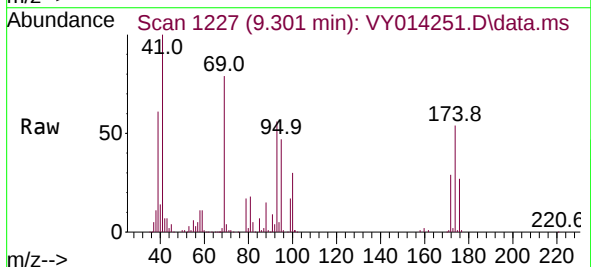
Tgt Ion: 41 Resp: 103622

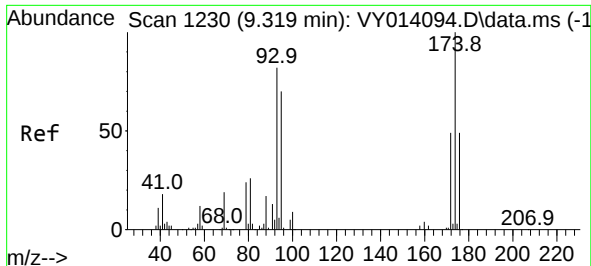
Ion Ratio Lower Upper

41 100

69 84.1 64.5 96.7

39 61.8 50.8 76.2





#49

1,4-Dioxane

Concen: 1071.185 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

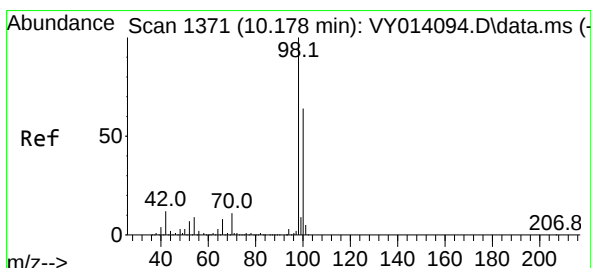
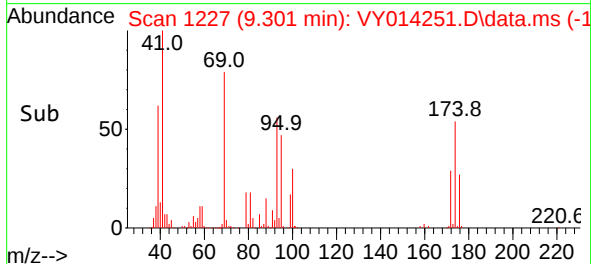
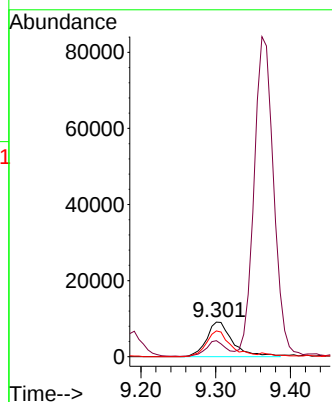
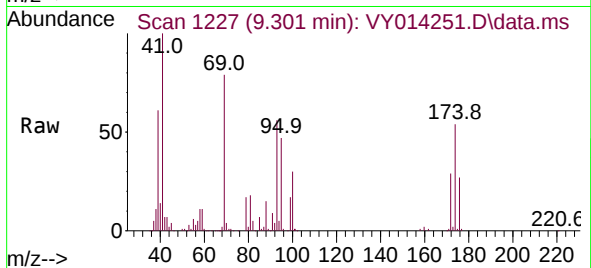
Tgt Ion: 88 Resp: 22195

Ion Ratio Lower Upper

88 100

43 34.1 0.0 0.0#

58 68.8 30.9 46.3#



#50

Toluene-d8

Concen: 48.166 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.007 min

Lab File: VY014251.D

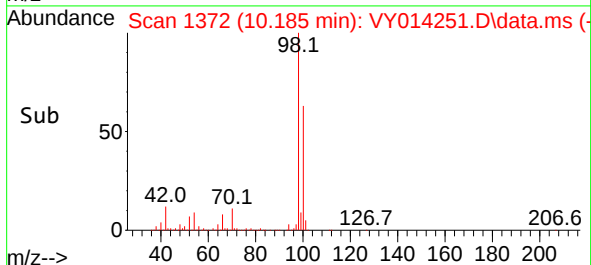
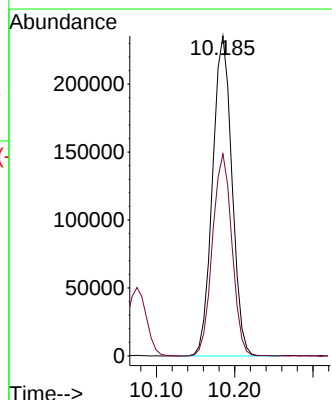
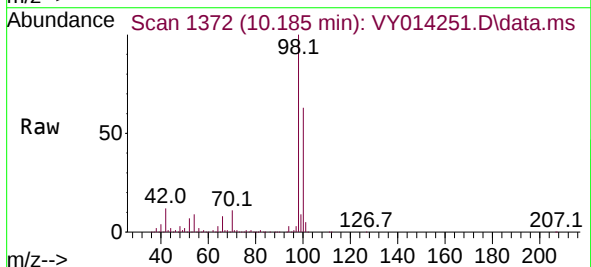
Acq: 20 Jun 2023 01:07

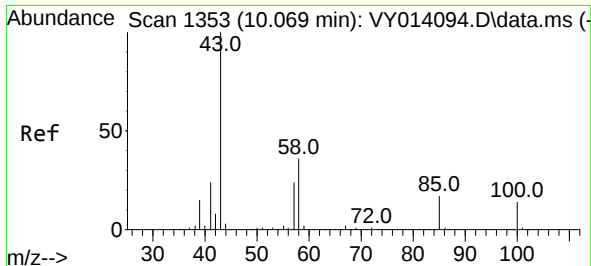
Tgt Ion: 98 Resp: 405115

Ion Ratio Lower Upper

98 100

100 63.2 50.1 75.1

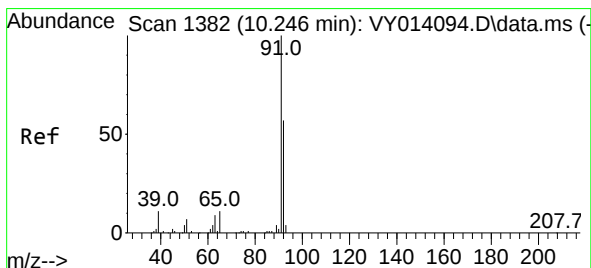
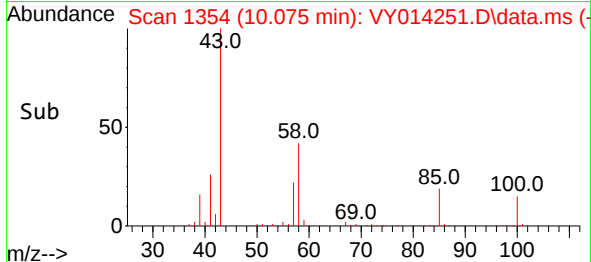
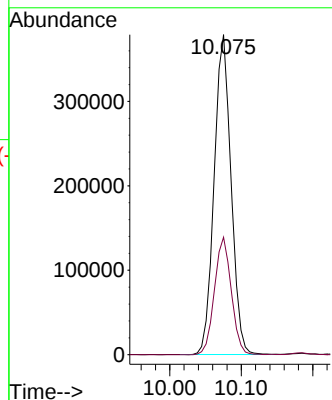
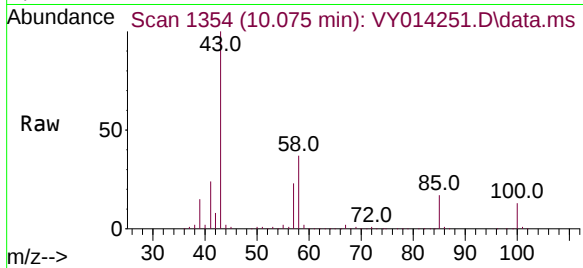




#51
4-Methyl-2-Pentanone
Concen: 270.247 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

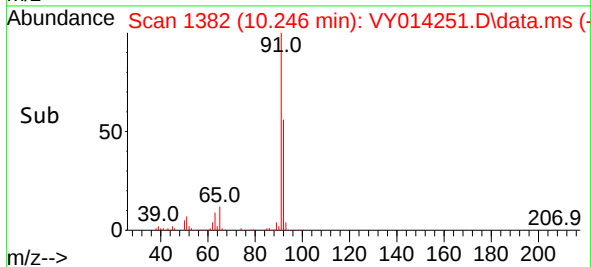
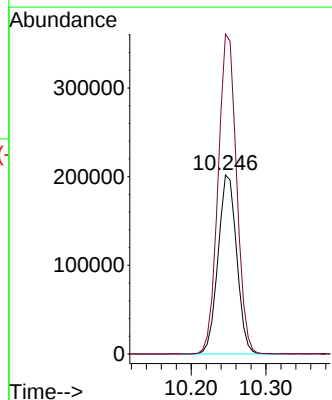
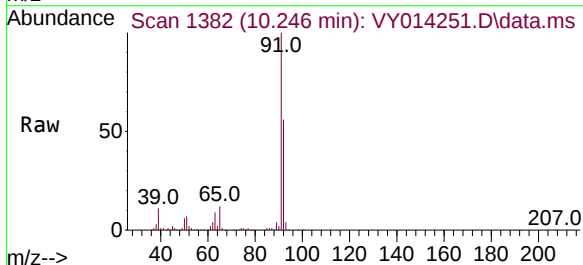
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

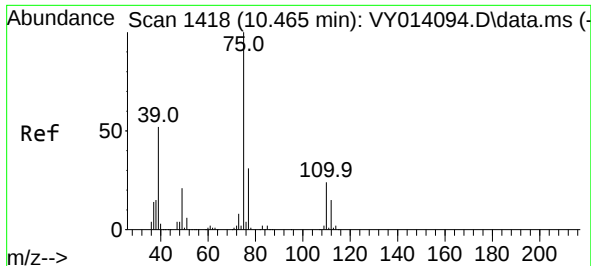
Tgt Ion: 43 Resp: 622751
Ion Ratio Lower Upper
43 100
58 36.5 29.0 43.6



#52
Toluene
Concen: 54.053 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

Tgt Ion: 92 Resp: 349468
Ion Ratio Lower Upper
92 100
91 177.5 143.8 215.6

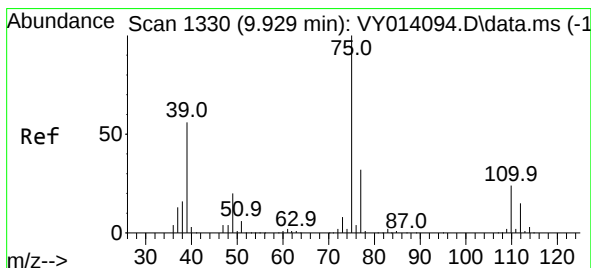
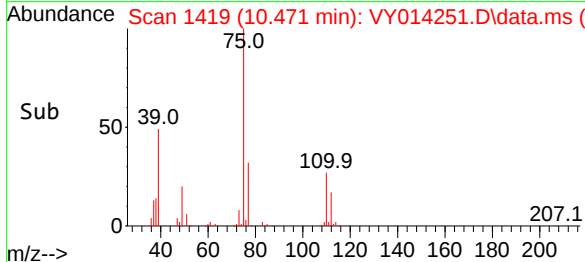
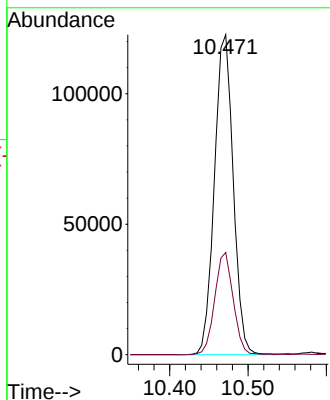
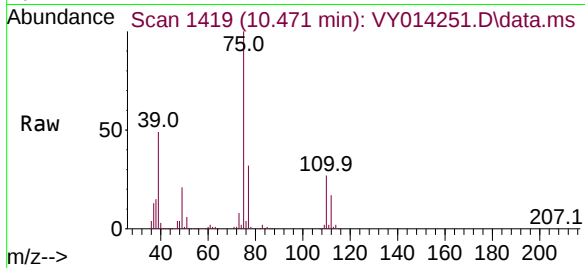




#53
t-1,3-Dichloropropene
Concen: 50.952 ug/l
RT: 10.471 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

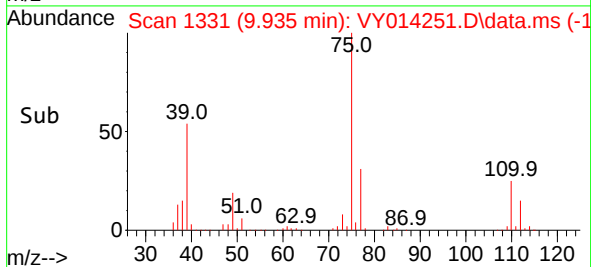
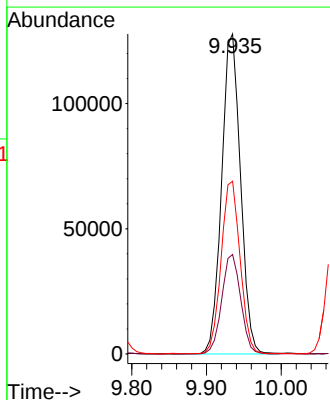
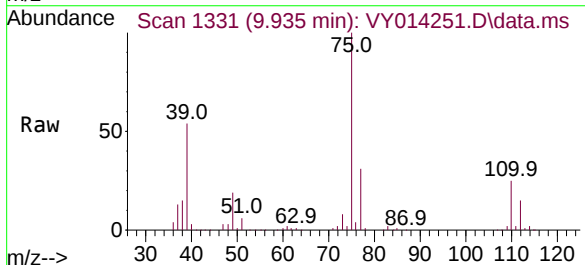
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

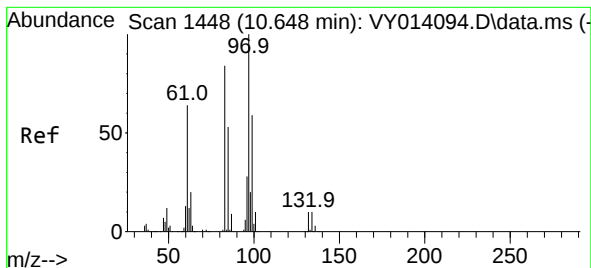
Tgt Ion: 75 Resp: 204793
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 51.262 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.006 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

Tgt Ion: 75 Resp: 224804
Ion Ratio Lower Upper
75 100
77 31.1 24.2 36.4
39 53.9 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 53.646 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 116029

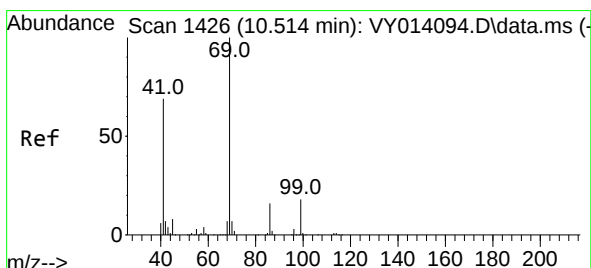
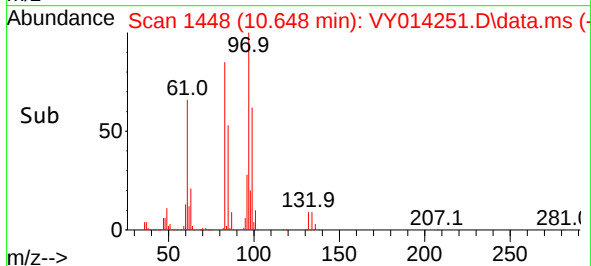
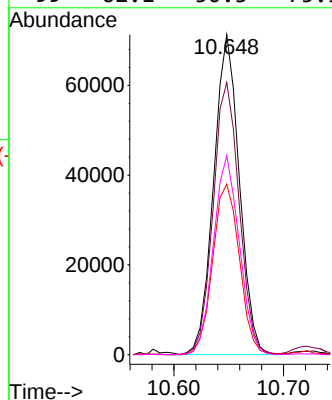
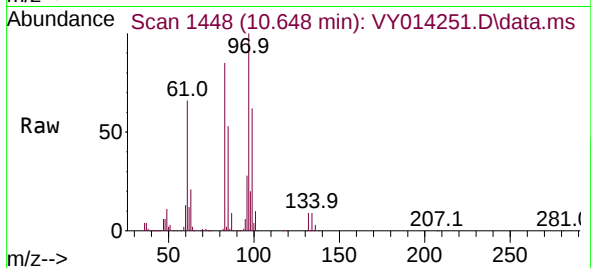
Ion Ratio Lower Upper

97 100

83 85.0 72.0 108.0

85 53.1 45.4 68.0

99 62.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 53.279 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

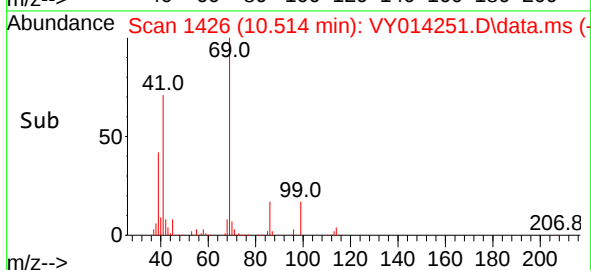
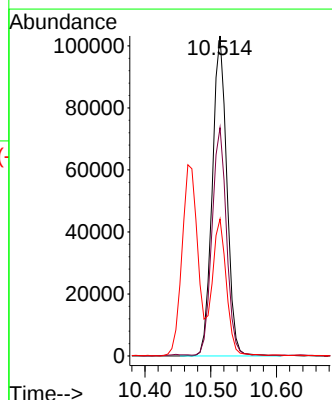
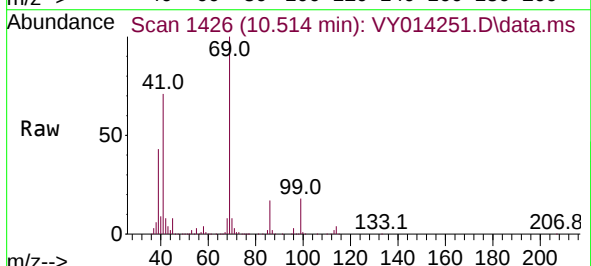
Tgt Ion: 69 Resp: 158944

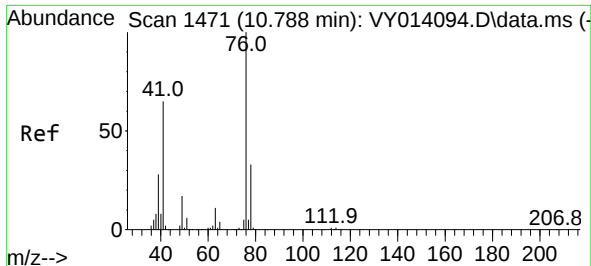
Ion Ratio Lower Upper

69 100

41 71.1 57.6 86.4

39 41.5 34.1 51.1





#57

1,3-Dichloropropane

Concen: 52.757 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

Instrument :

MSVOA_Y

ClientSampleId :

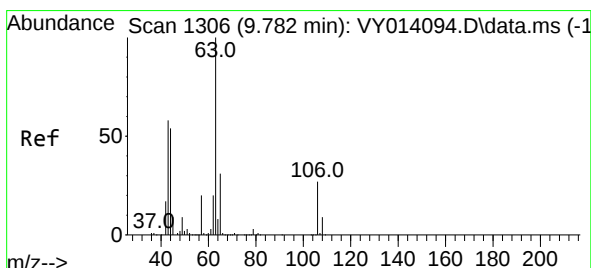
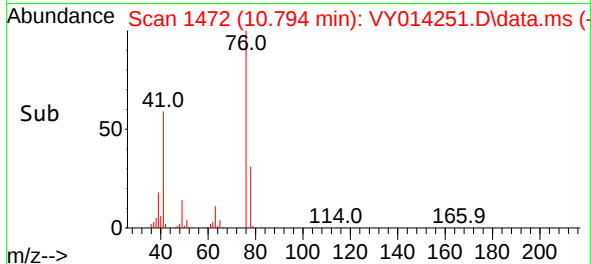
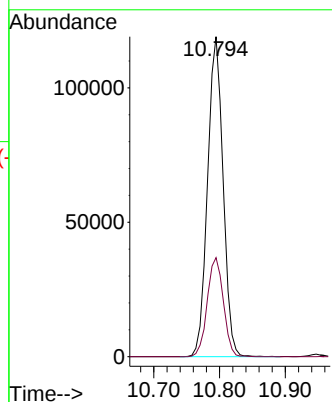
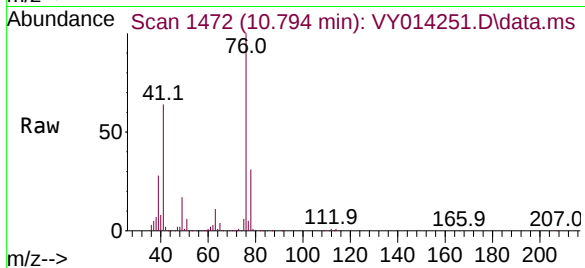
VSTDCCC050

Tgt Ion: 76 Resp: 195157

Ion Ratio Lower Upper

76 100

78 32.1 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 281.780 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.007 min

Lab File: VY014251.D

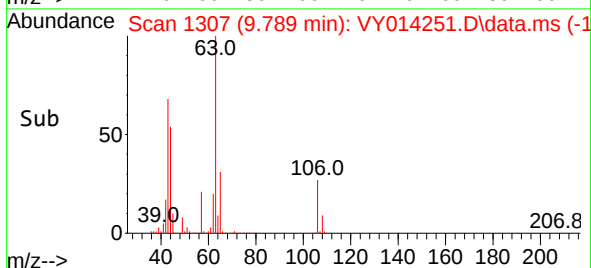
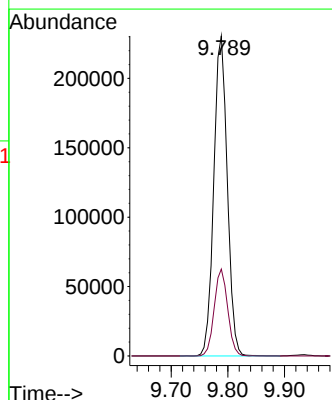
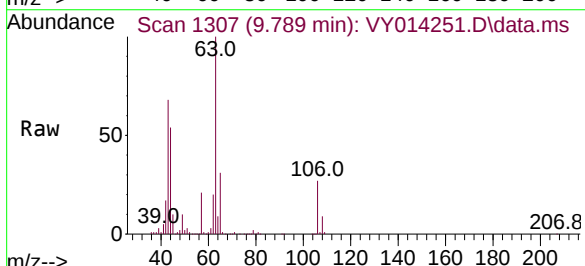
Acq: 20 Jun 2023 01:07

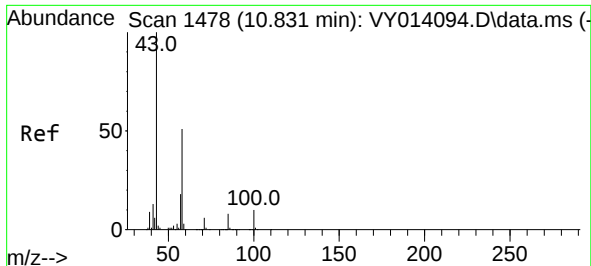
Tgt Ion: 63 Resp: 381104

Ion Ratio Lower Upper

63 100

106 27.0 21.2 31.8

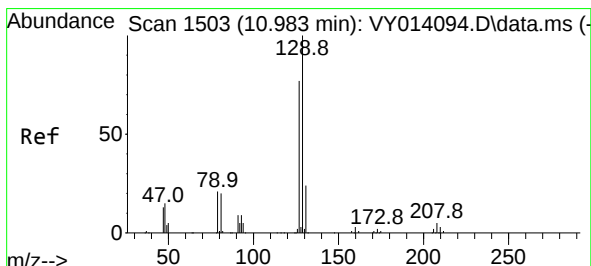
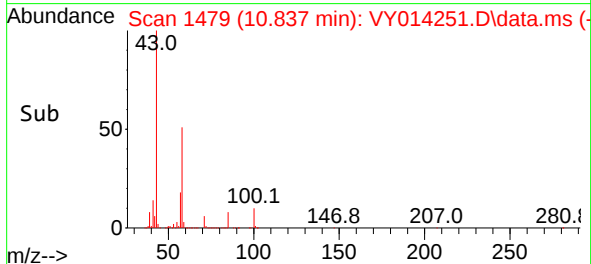
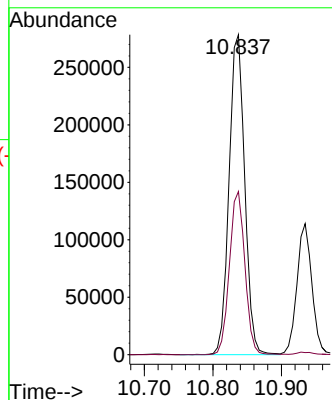
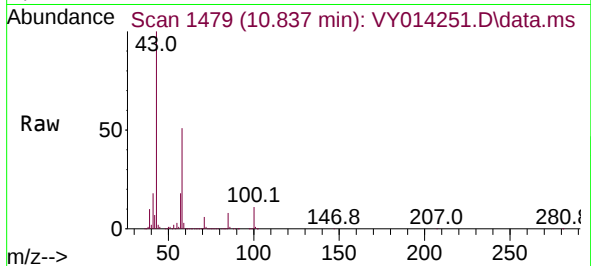




#59
2-Hexanone
Concen: 264.481 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

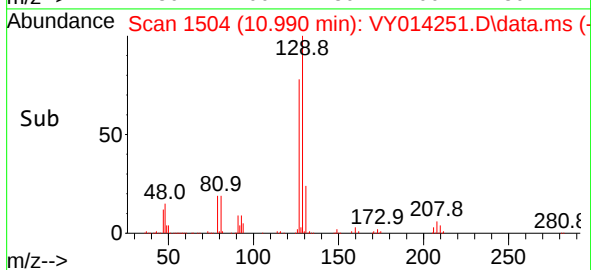
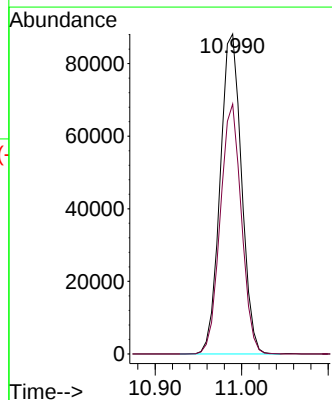
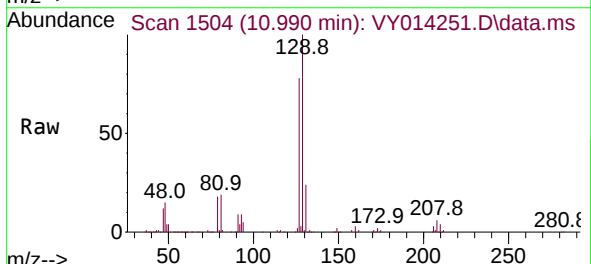
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

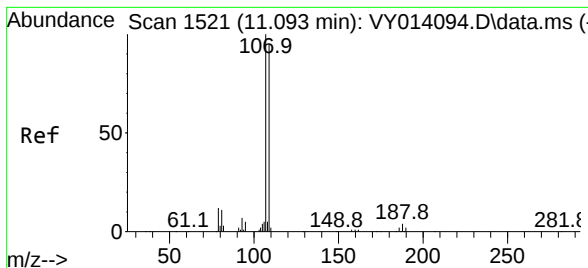
Tgt Ion: 43 Resp: 440191
Ion Ratio Lower Upper
43 100
58 50.5 25.1 75.3



#60
Dibromochloromethane
Concen: 54.546 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

Tgt Ion: 129 Resp: 150998
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

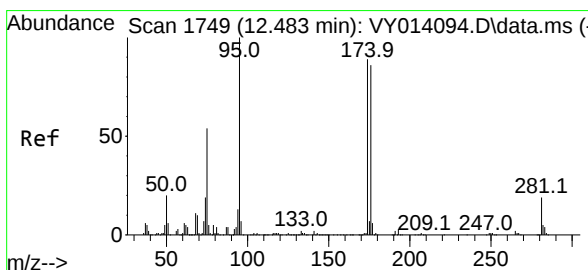
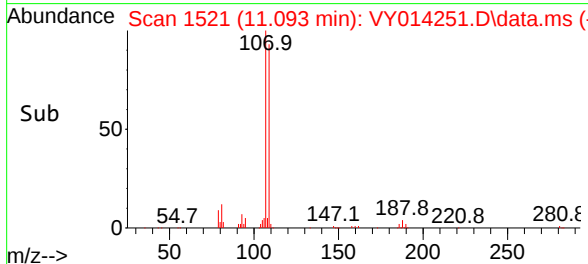
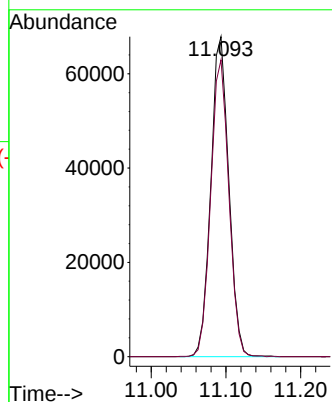
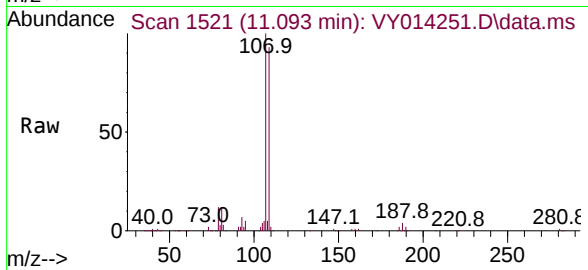




#61
1,2-Dibromoethane
Concen: 53.226 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

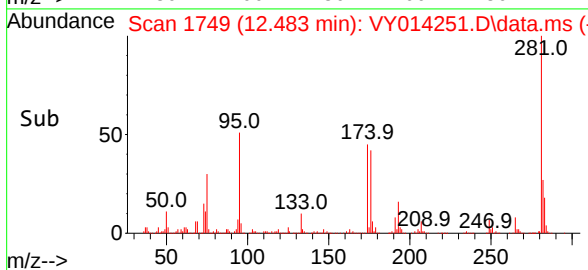
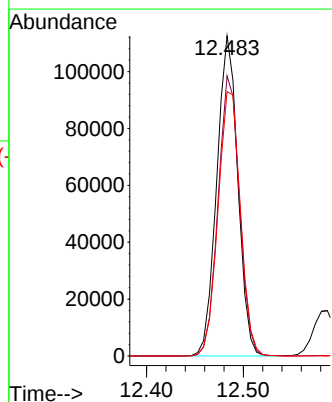
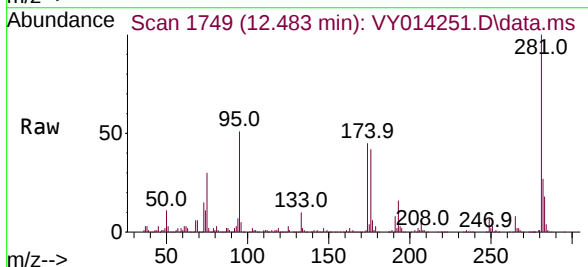
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

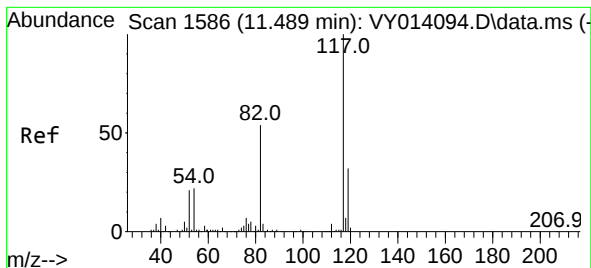
Tgt Ion:107 Resp: 113615
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 56.920 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

Tgt Ion: 95 Resp: 170063
Ion Ratio Lower Upper
95 100
174 88.8 0.0 178.2
176 87.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

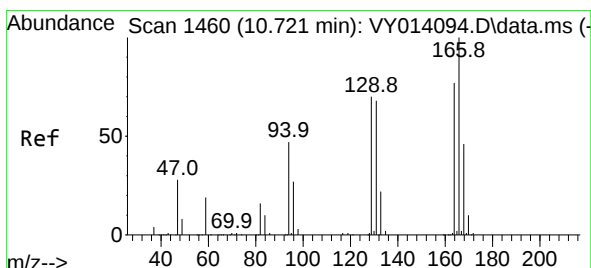
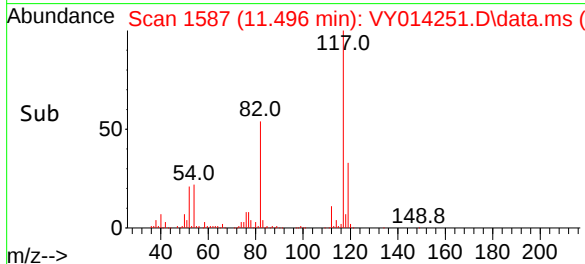
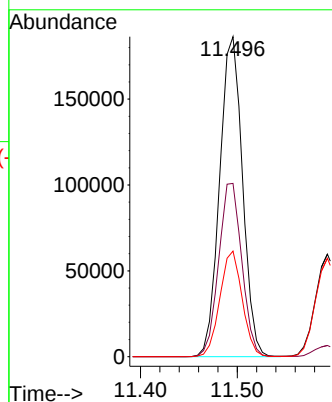
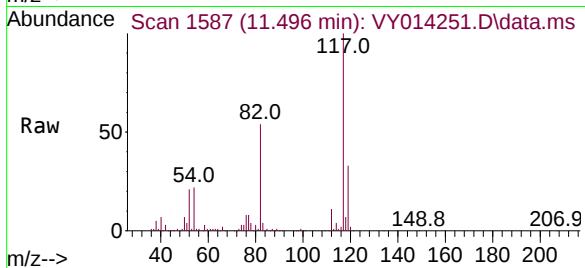
Tgt Ion:117 Resp: 305623

Ion Ratio Lower Upper

117 100

82 54.2 43.4 65.0

119 33.0 26.3 39.5



#64

Tetrachloroethene

Concen: 59.743 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

Tgt Ion:164 Resp: 155632

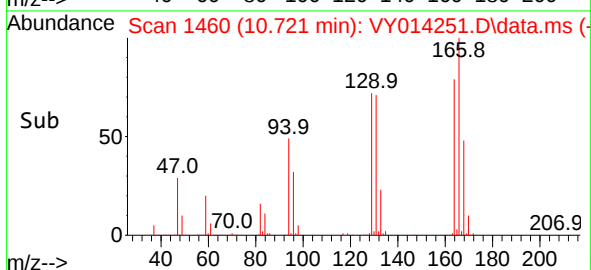
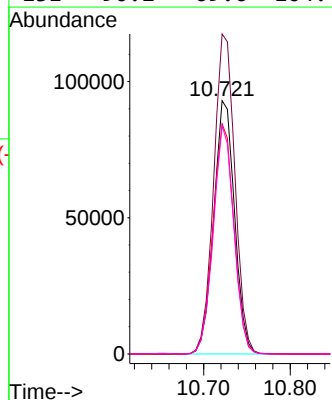
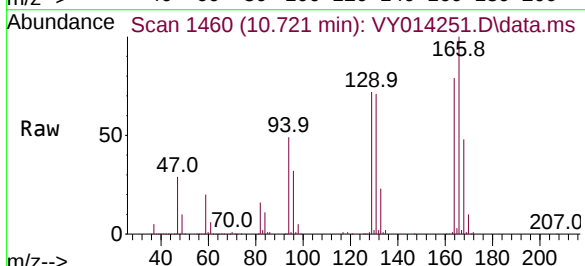
Ion Ratio Lower Upper

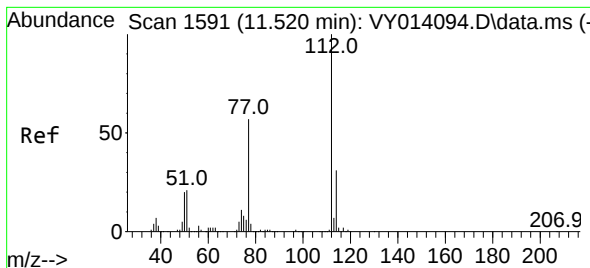
164 100

166 126.3 103.0 154.6

129 90.8 77.2 115.8

131 90.2 69.6 104.4

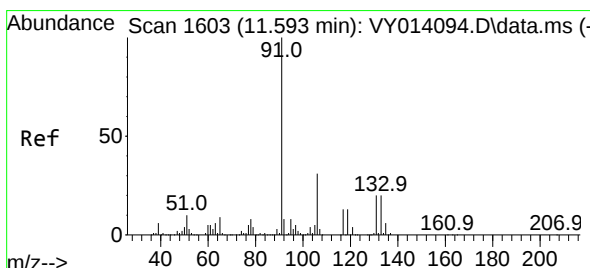
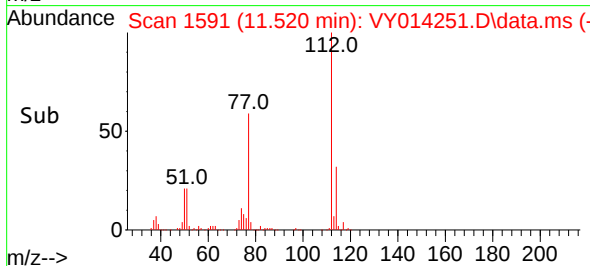
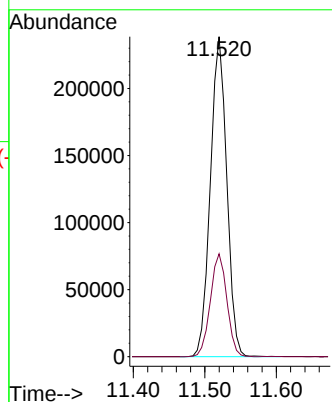
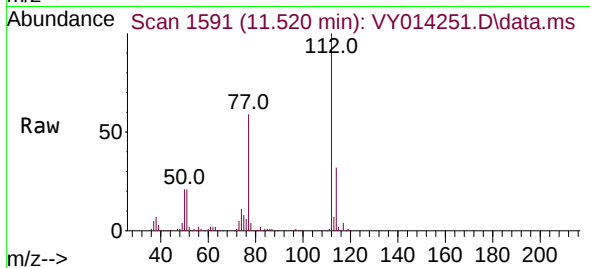




#65
Chlorobenzene
Concen: 51.726 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

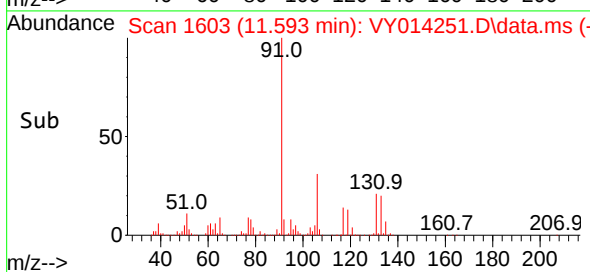
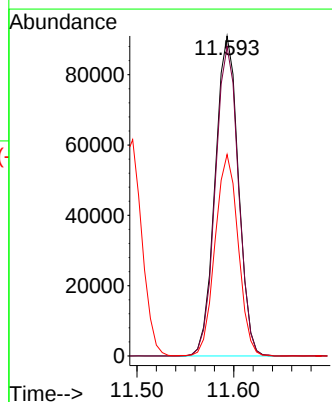
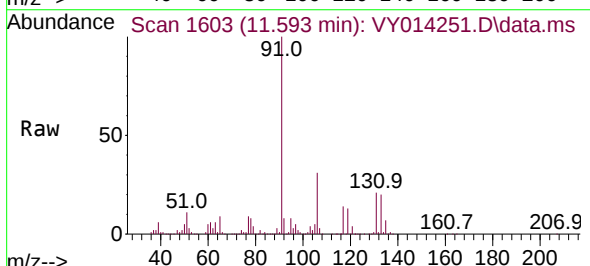
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

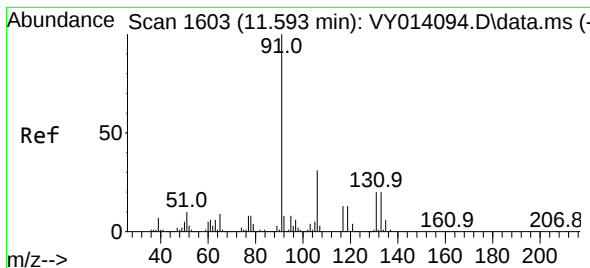
Tgt Ion:112 Resp: 379854
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.434 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

Tgt Ion:131 Resp: 151453
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.6
119 62.6 31.6 94.7





#67

Ethyl Benzene

Concen: 53.725 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

Instrument :

MSVOA_Y

ClientSampleId :

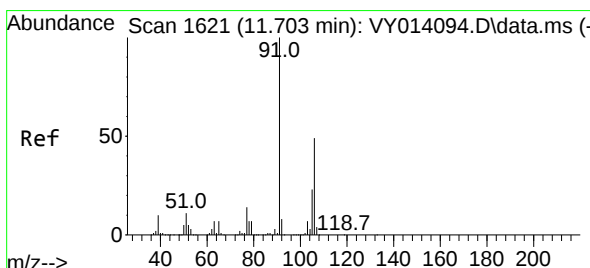
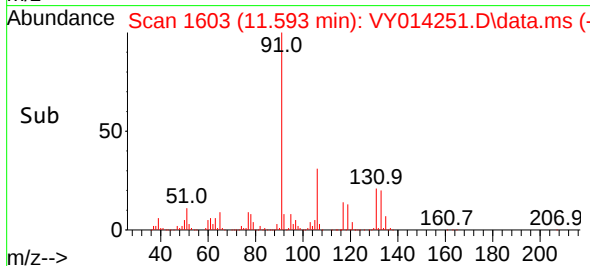
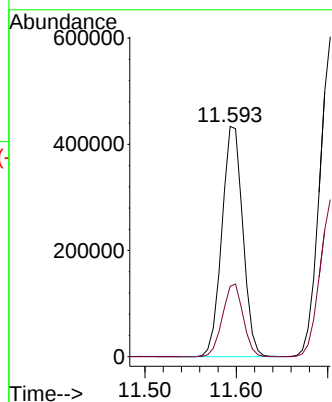
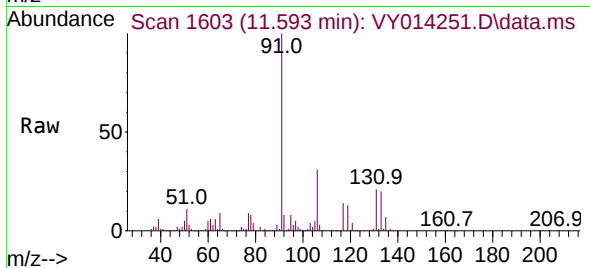
VSTDCCC050

Tgt Ion: 91 Resp: 690595

Ion Ratio Lower Upper

91 100

106 30.6 24.6 36.8



#68

m/p-Xylenes

Concen: 107.466 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014251.D

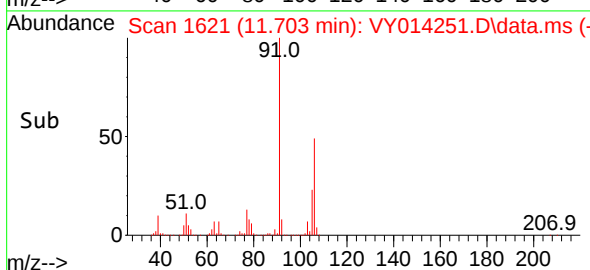
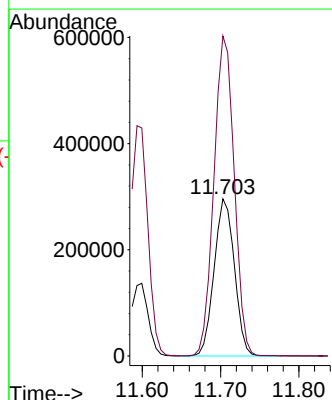
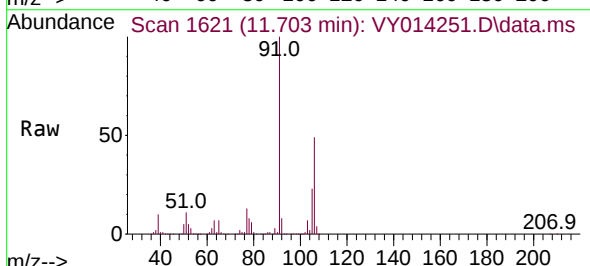
Acq: 20 Jun 2023 01:07

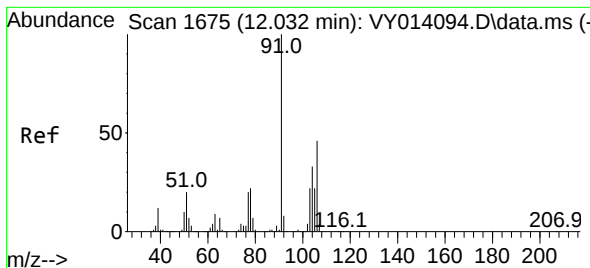
Tgt Ion: 106 Resp: 531343

Ion Ratio Lower Upper

106 100

91 204.7 166.1 249.1

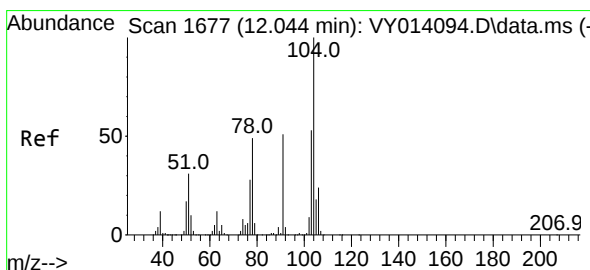
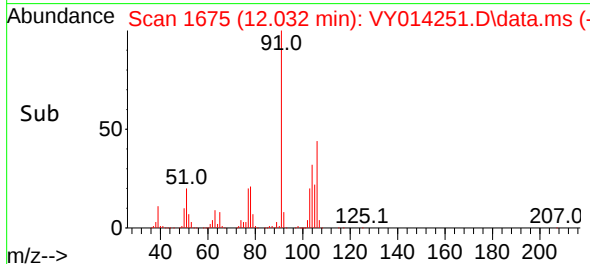
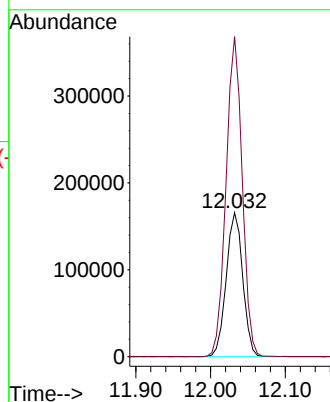
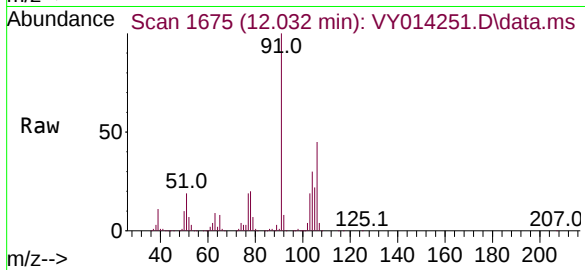




#69
o-Xylene
Concen: 54.463 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

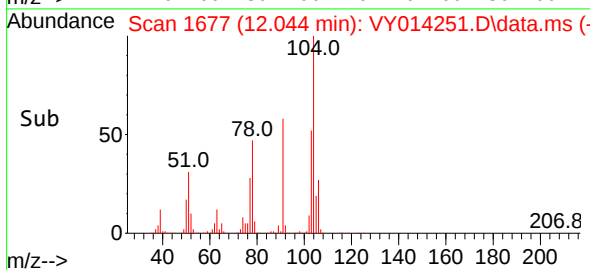
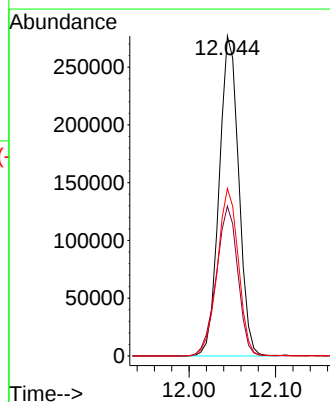
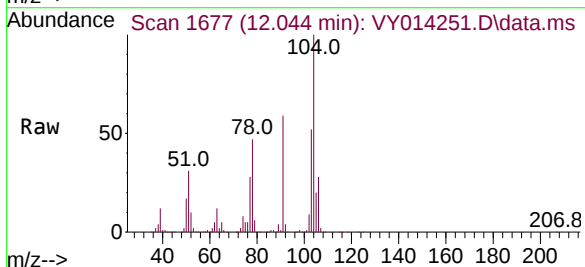
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

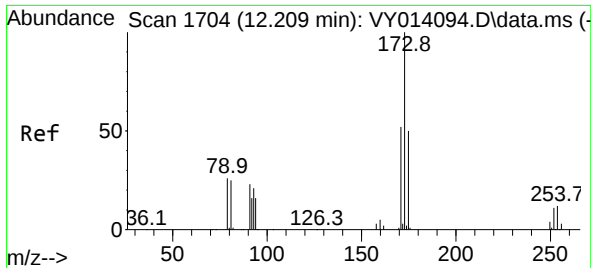
Tgt Ion:106 Resp: 254588
Ion Ratio Lower Upper
106 100
91 218.4 108.1 324.3



#70
Styrene
Concen: 54.474 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

Tgt Ion:104 Resp: 434601
Ion Ratio Lower Upper
104 100
78 51.5 41.5 62.3
103 56.5 44.6 67.0

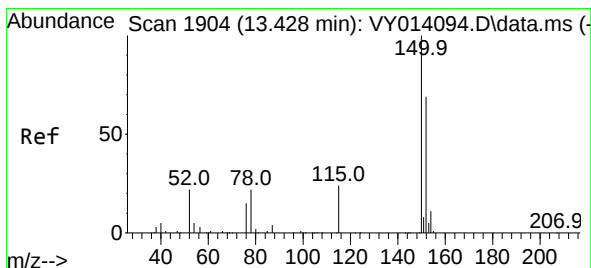
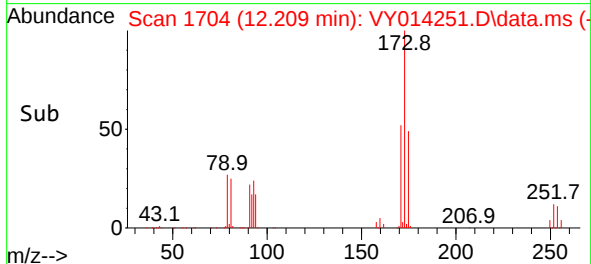
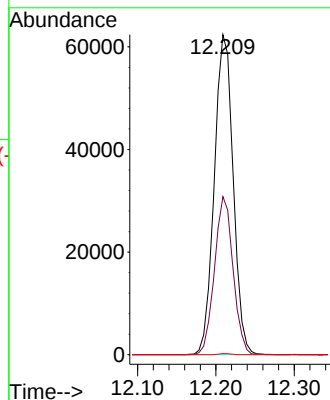
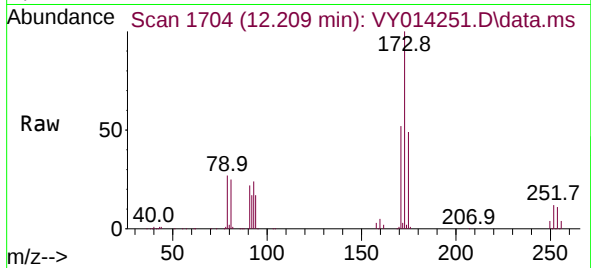




#71
Bromoform
Concen: 52.854 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

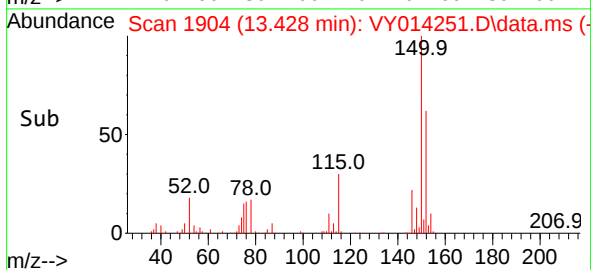
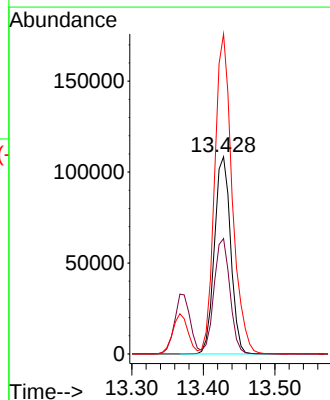
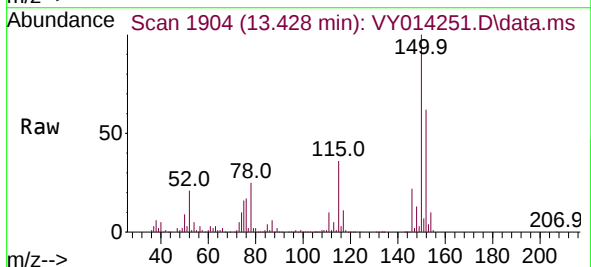
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

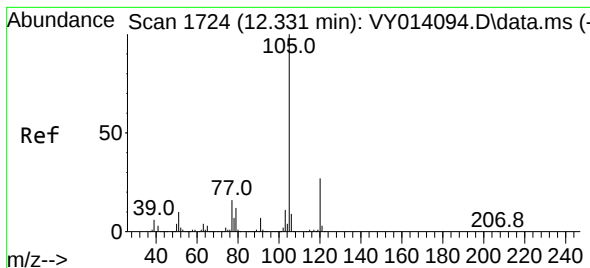
Tgt Ion:173 Resp: 104553
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.8
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

Tgt Ion:152 Resp: 169973
Ion Ratio Lower Upper
152 100
115 57.5 28.8 86.5
150 175.9 0.0 348.8





#73

Isopropylbenzene

Concen: 51.215 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

Instrument :

MSVOA_Y

ClientSampleId :

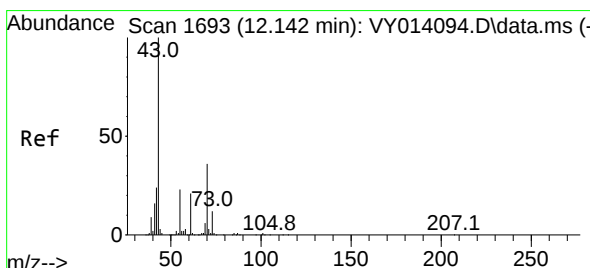
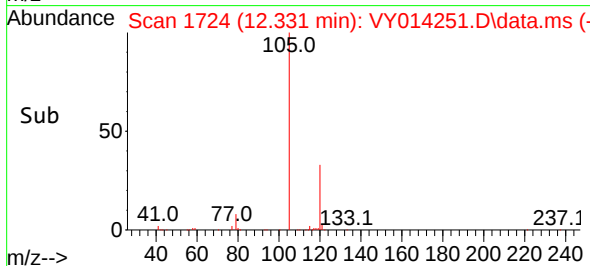
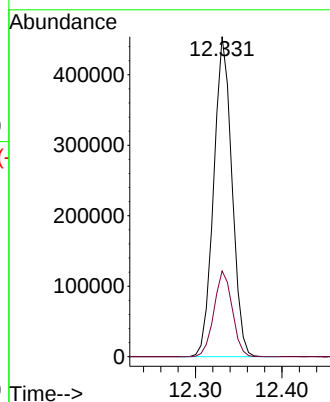
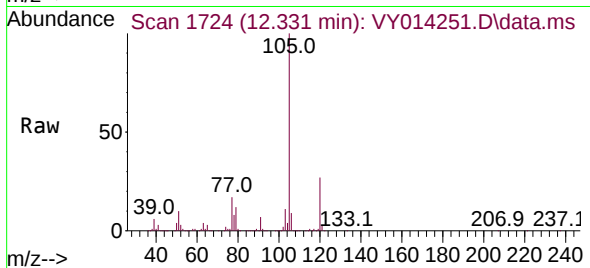
VSTDCCC050

Tgt Ion:105 Resp: 664083

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 42.556 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

Tgt Ion: 43 Resp: 174863

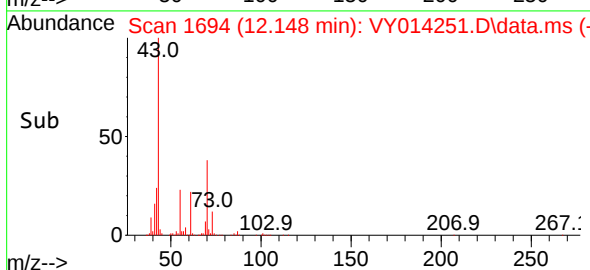
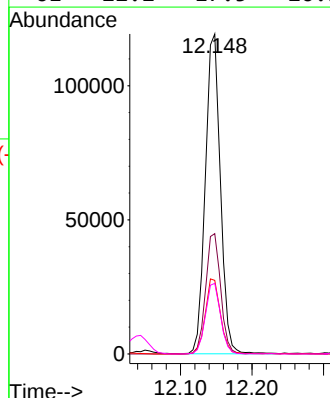
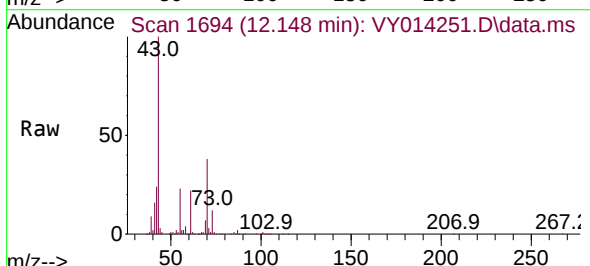
Ion Ratio Lower Upper

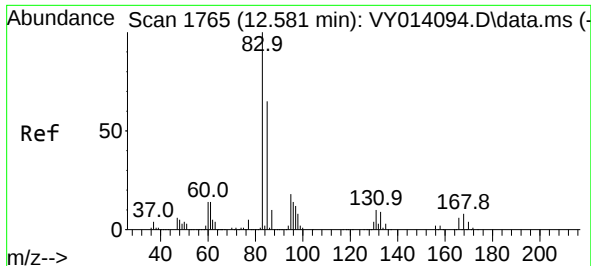
43 100

70 37.4 29.7 44.5

55 23.8 18.3 27.5

61 22.2 17.5 26.3

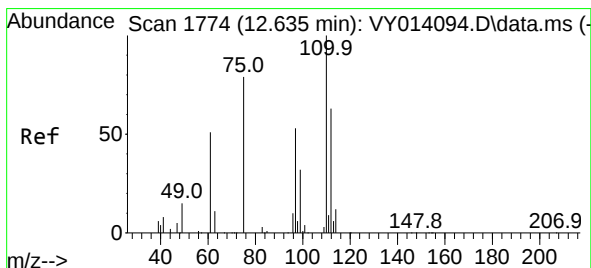
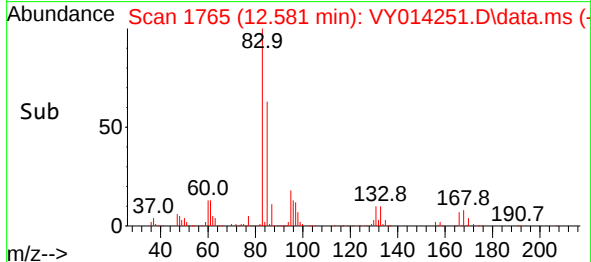
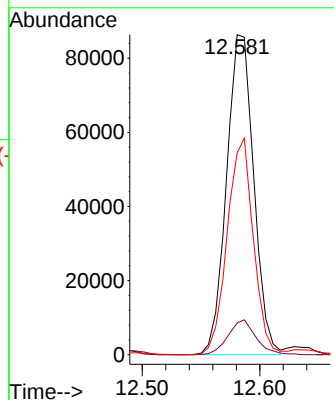
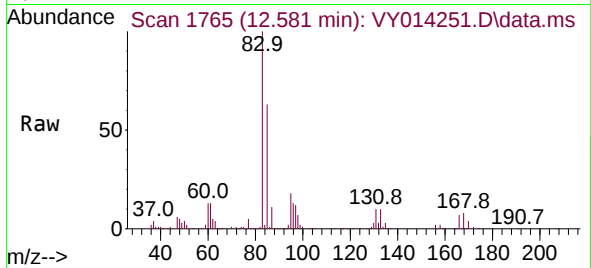




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.049 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY014251.D
 Acq: 20 Jun 2023 01:07

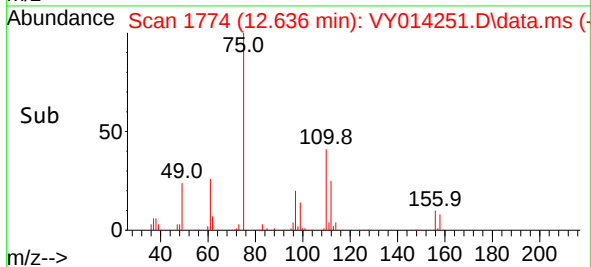
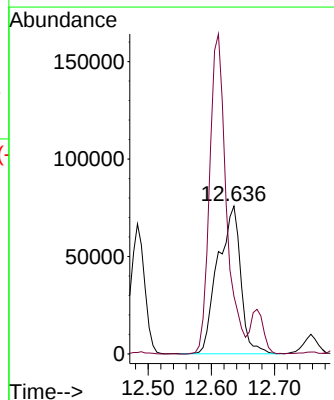
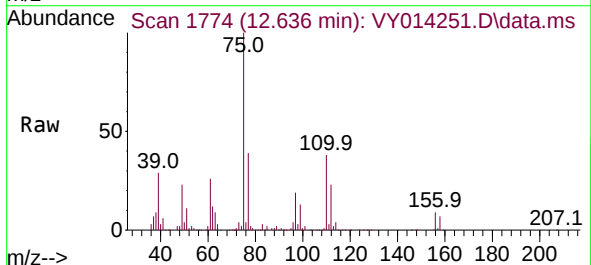
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

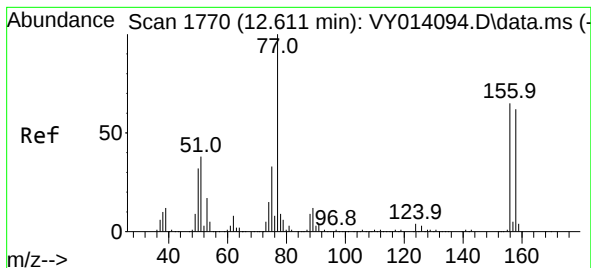
Tgt Ion: 83 Resp: 139216
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.4 16.2
 85 65.0 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 85.374 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.001 min
 Lab File: VY014251.D
 Acq: 20 Jun 2023 01:07

Tgt Ion: 75 Resp: 190385
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.777 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

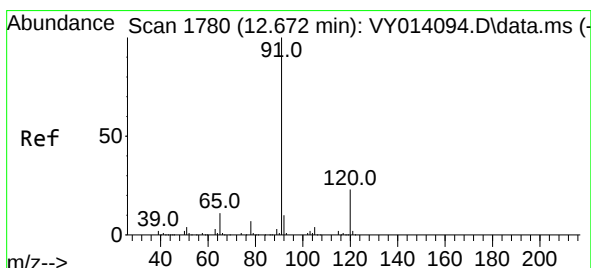
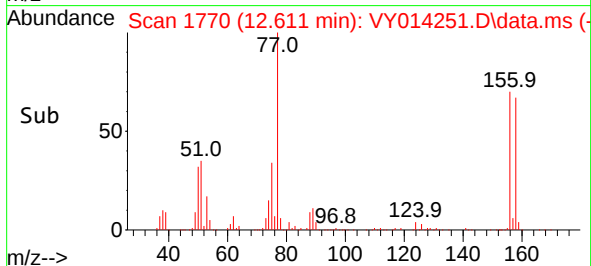
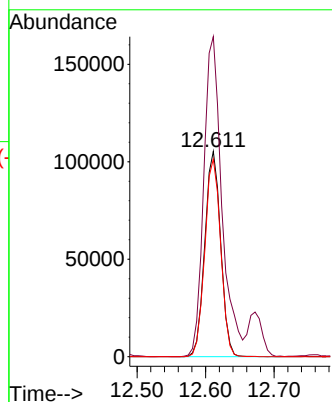
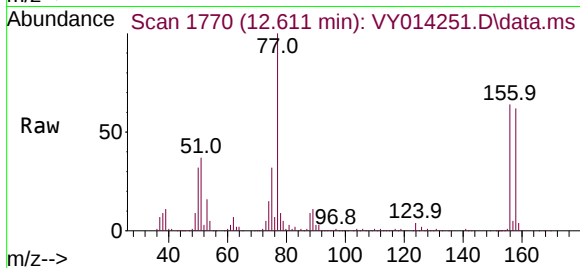
Tgt Ion:156 Resp: 169641

Ion Ratio Lower Upper

156 100

77 178.3 92.8 278.6

158 96.3 48.4 145.3



#78

n-propylbenzene

Concen: 51.844 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014251.D

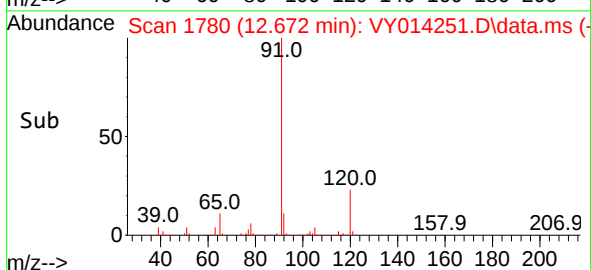
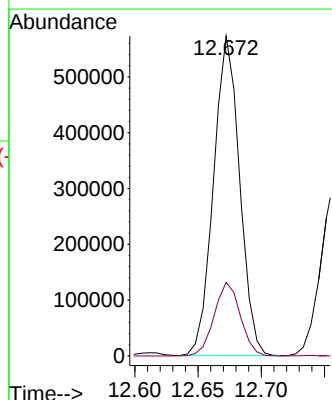
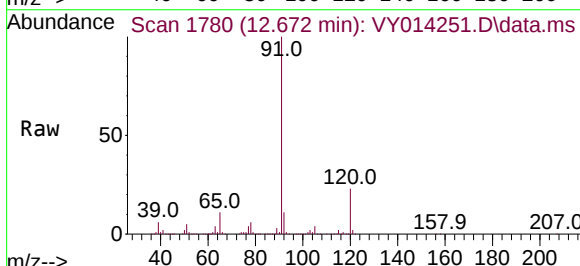
Acq: 20 Jun 2023 01:07

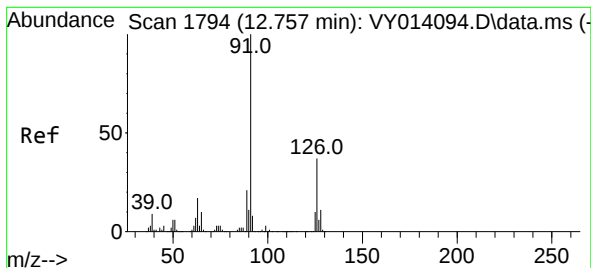
Tgt Ion: 91 Resp: 821091

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

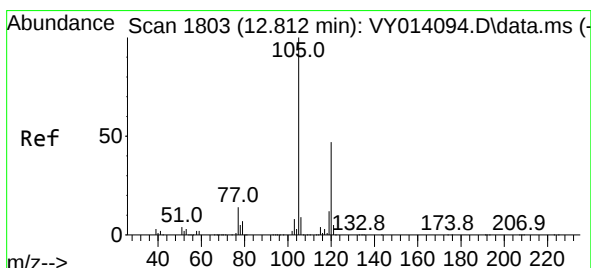
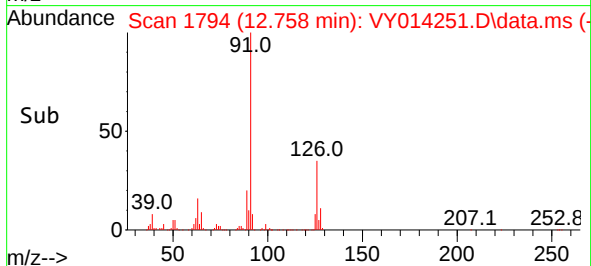
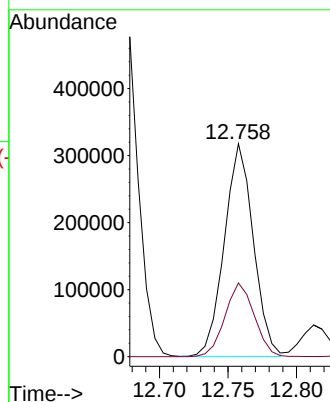
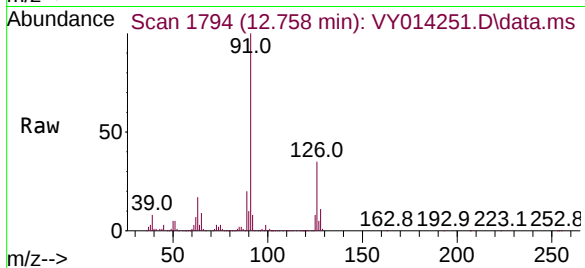




#79
2-Chlorotoluene
Concen: 51.299 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

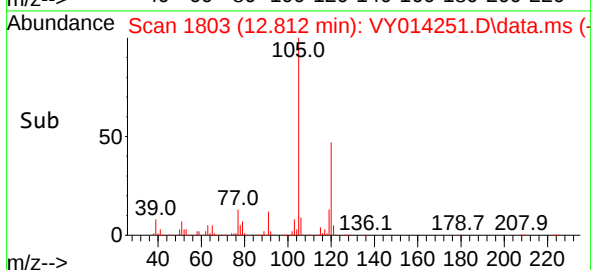
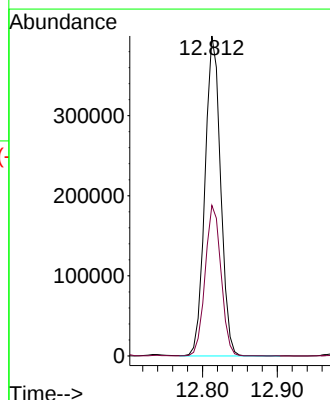
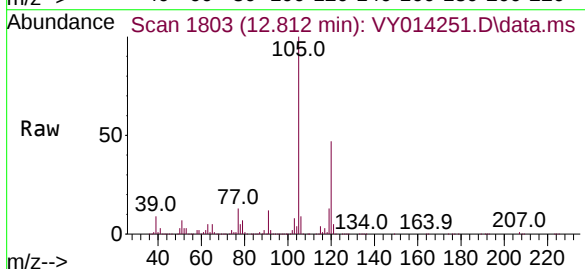
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

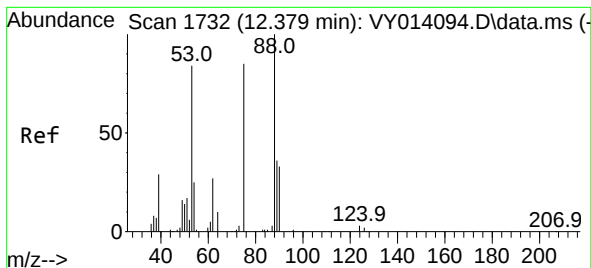
Tgt Ion: 91 Resp: 467480
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 52.105 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

Tgt Ion: 105 Resp: 578505
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.7

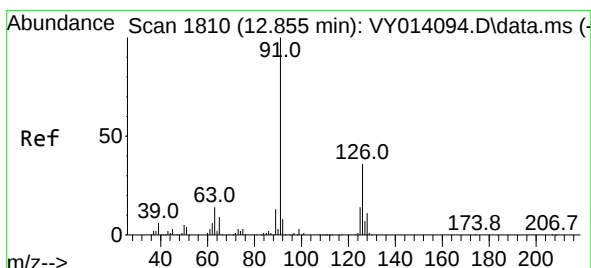
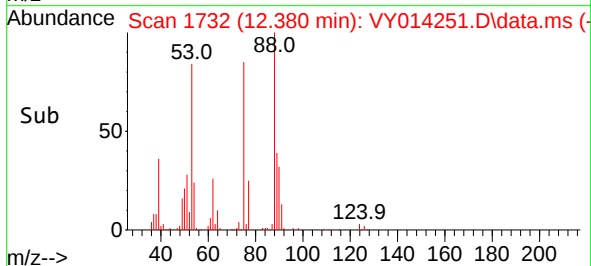
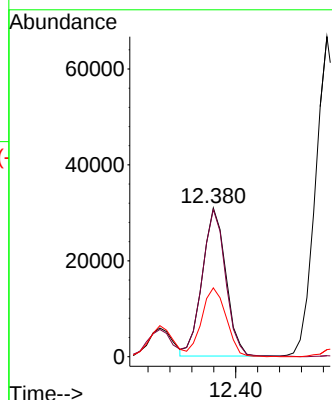
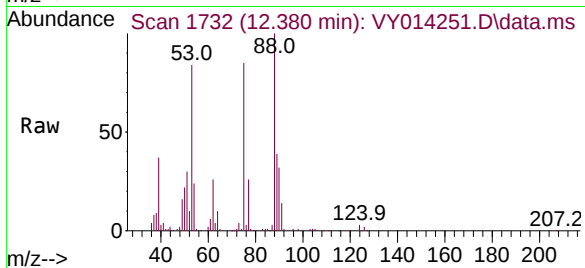




#81
trans-1,4-Dichloro-2-butene
Concen: 44.624 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

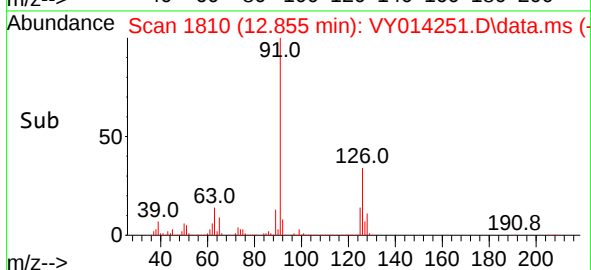
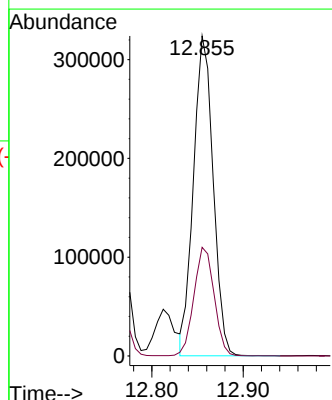
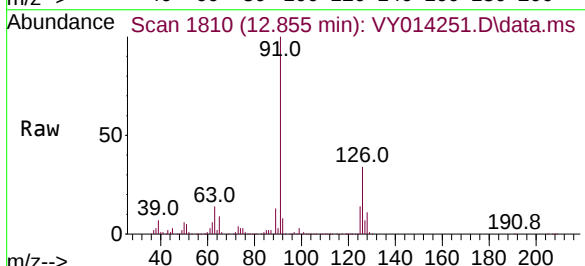
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

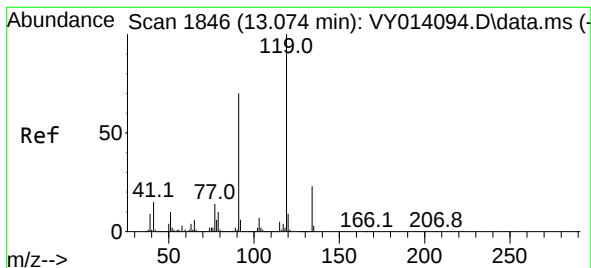
Tgt Ion: 75 Resp: 46036
Ion Ratio Lower Upper
75 100
53 99.8 77.8 116.8
89 48.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.173 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014251.D
Acq: 20 Jun 2023 01:07

Tgt Ion: 91 Resp: 484518
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.327 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

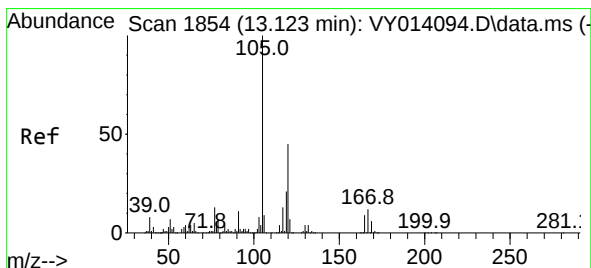
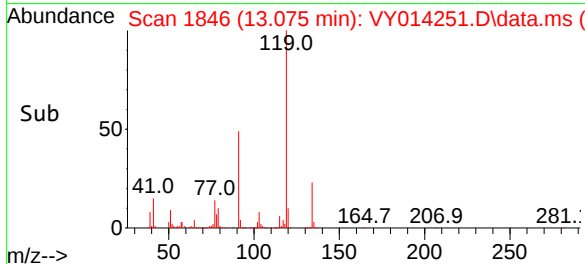
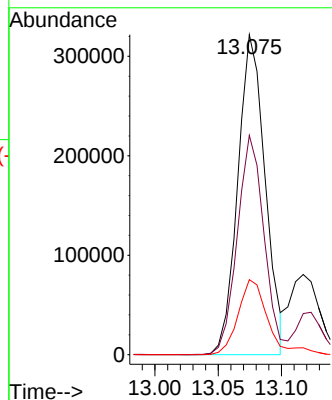
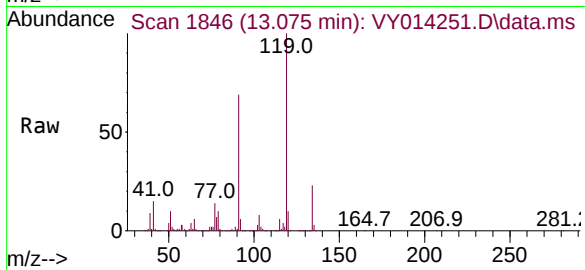
Tgt Ion:119 Resp: 484272

Ion Ratio Lower Upper

119 100

91 67.6 32.9 98.6

134 25.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.362 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY014251.D

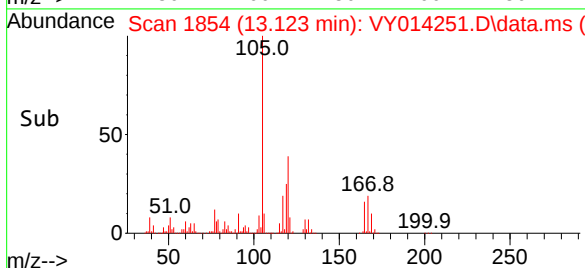
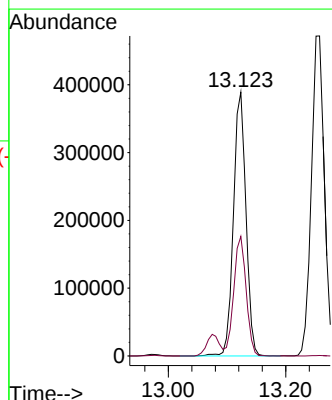
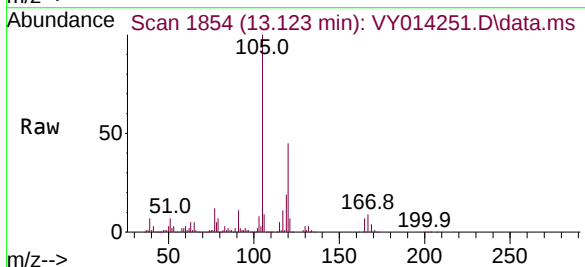
Acq: 20 Jun 2023 01:07

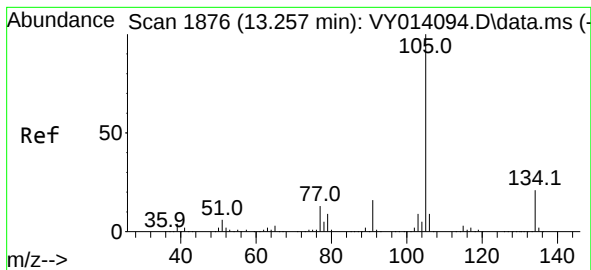
Tgt Ion:105 Resp: 575470

Ion Ratio Lower Upper

105 100

120 45.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 52.523 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

Instrument :

MSVOA_Y

ClientSampleId :

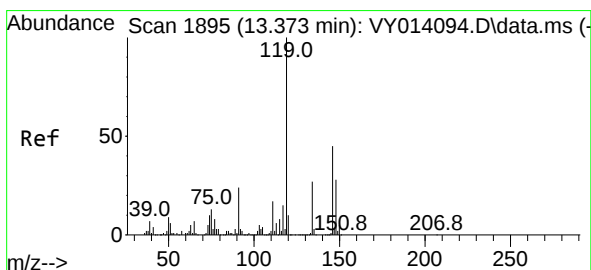
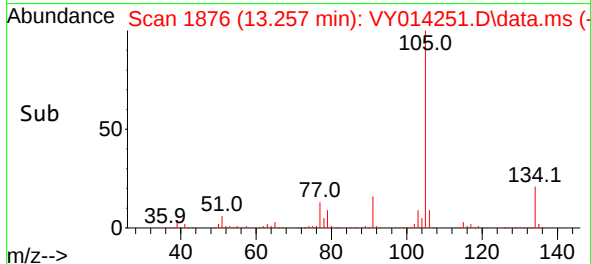
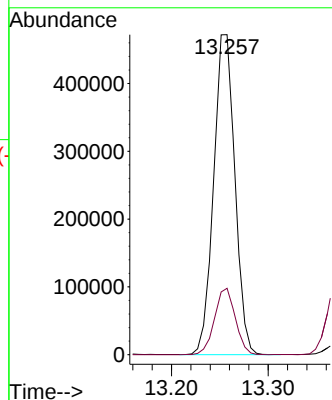
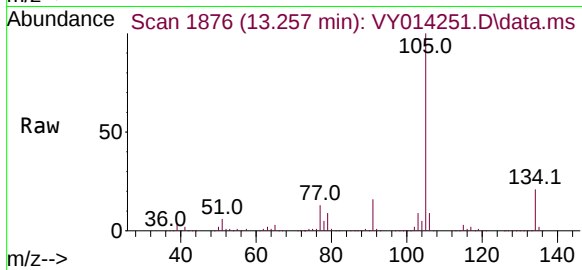
VSTDCCC050

Tgt Ion:105 Resp: 720469

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 51.574 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

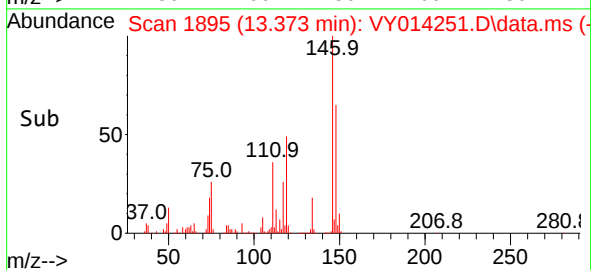
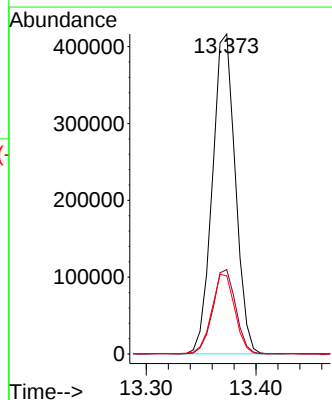
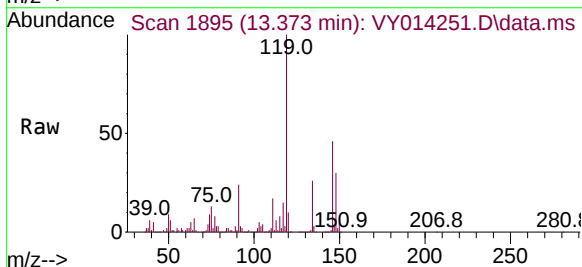
Tgt Ion:119 Resp: 605465

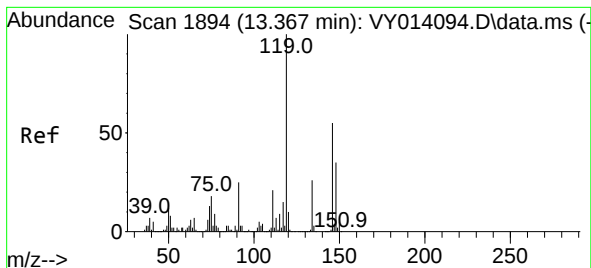
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 25.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 50.496 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

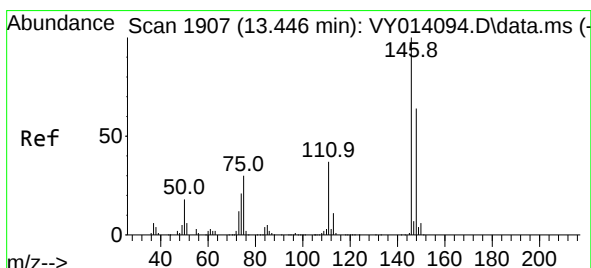
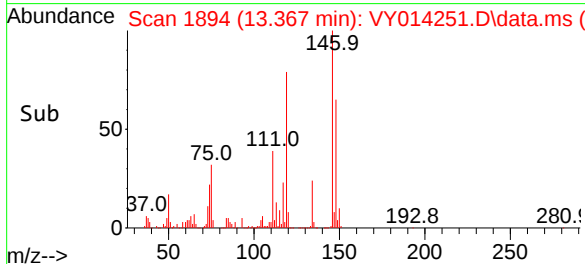
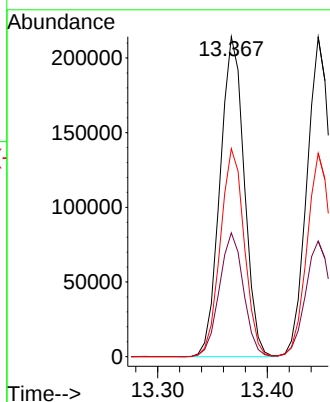
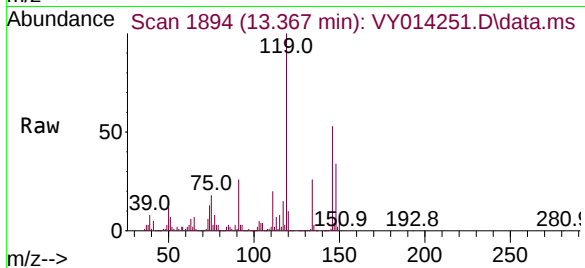
Tgt Ion:146 Resp: 328572

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.2

148 64.3 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 50.147 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

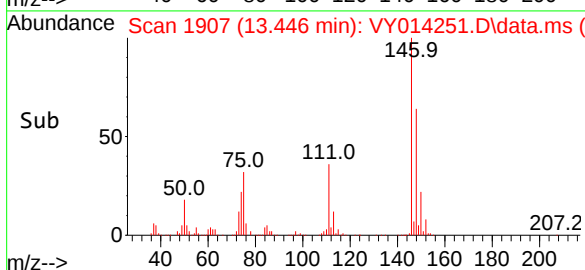
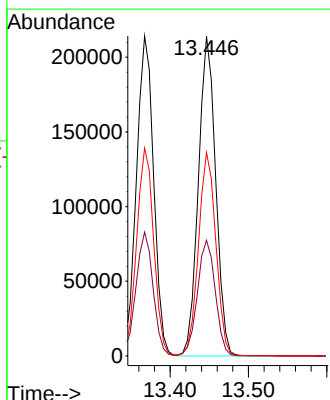
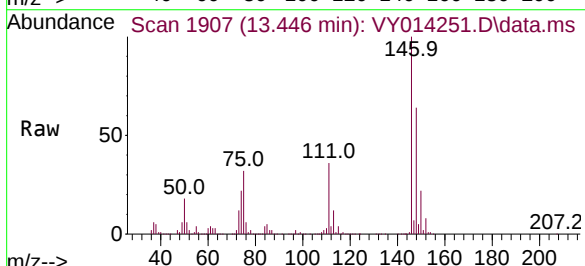
Tgt Ion:146 Resp: 328761

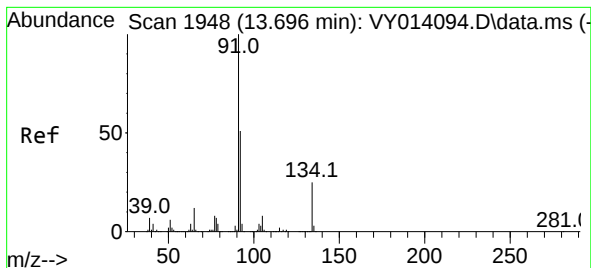
Ion Ratio Lower Upper

146 100

111 37.3 18.9 56.7

148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 52.109 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

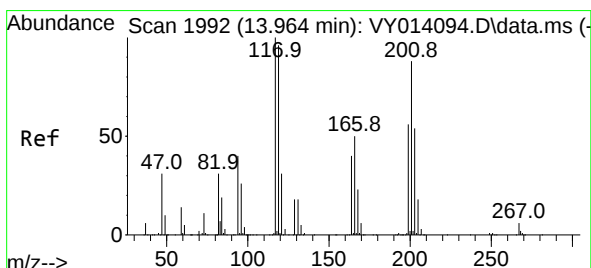
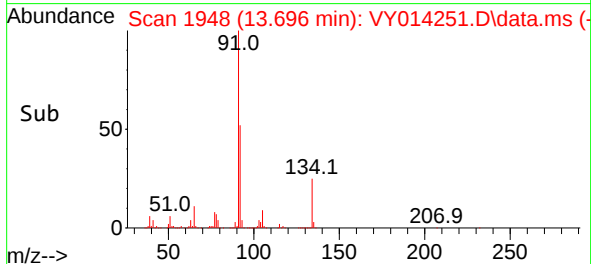
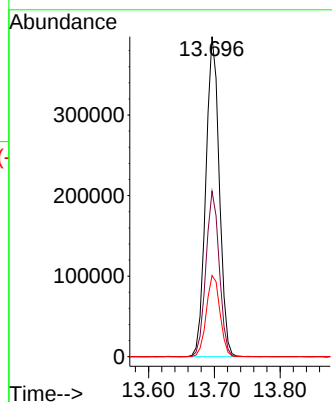
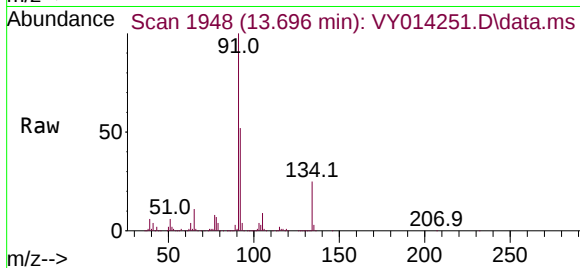
Tgt Ion: 91 Resp: 567392

Ion Ratio Lower Upper

91 100

92 51.1 25.4 76.0

134 25.6 12.6 37.6



#90

Hexachloroethane

Concen: 52.744 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.005 min

Lab File: VY014251.D

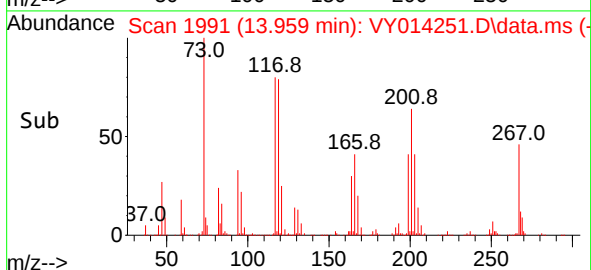
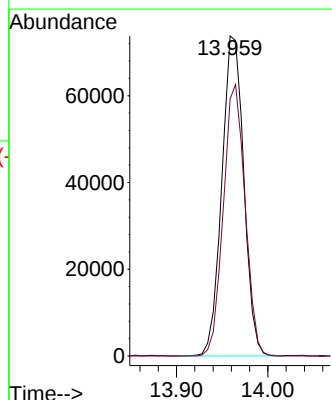
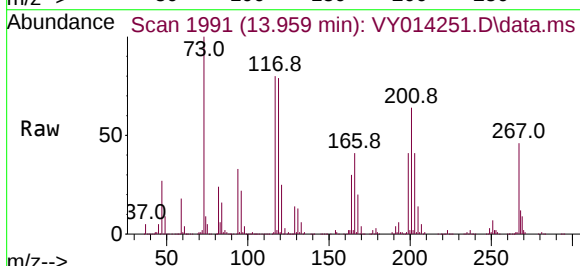
Acq: 20 Jun 2023 01:07

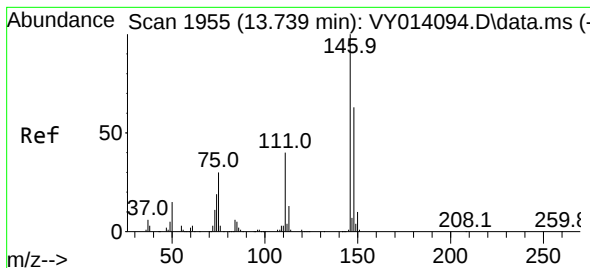
Tgt Ion: 117 Resp: 123385

Ion Ratio Lower Upper

117 100

201 83.6 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 51.601 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

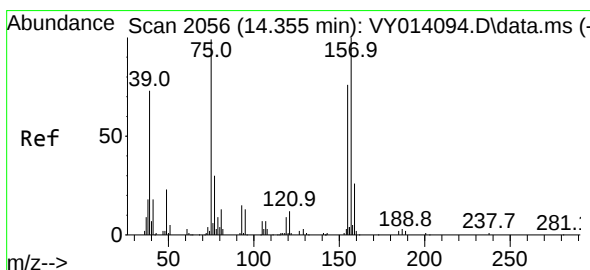
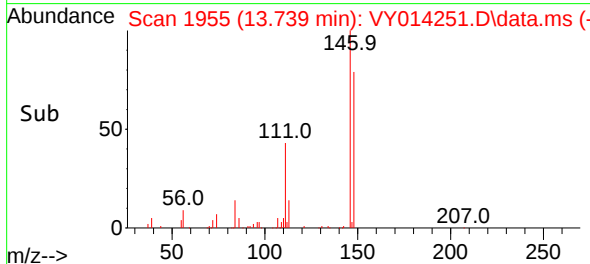
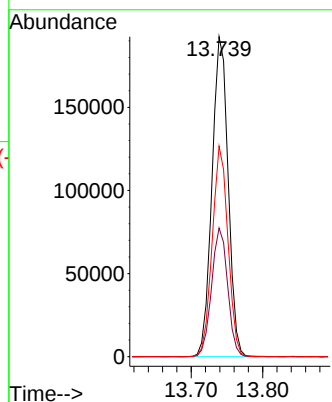
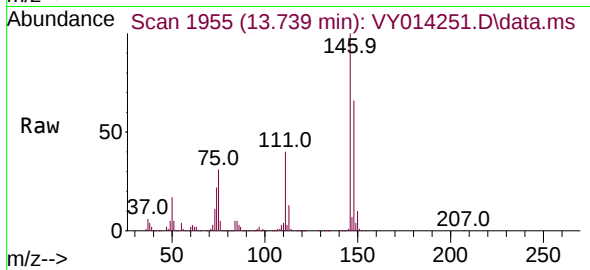
Tgt Ion:146 Resp: 301561

Ion Ratio Lower Upper

146 100

111 39.9 19.7 59.0

148 64.4 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.705 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

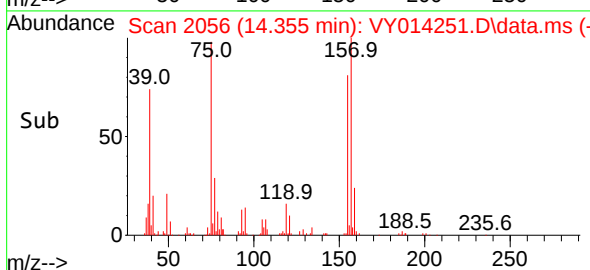
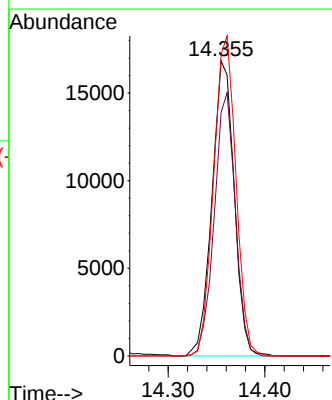
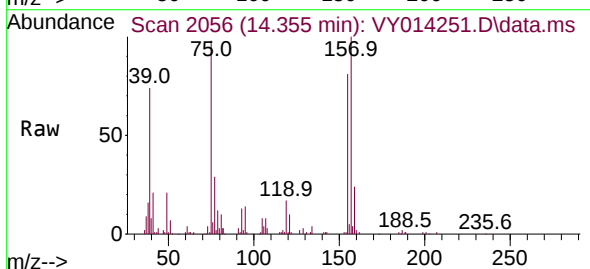
Tgt Ion: 75 Resp: 26873

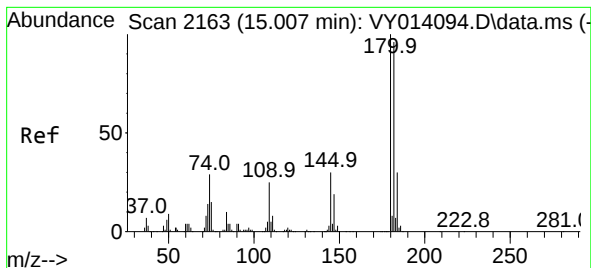
Ion Ratio Lower Upper

75 100

155 84.5 41.5 124.6

157 108.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.020 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

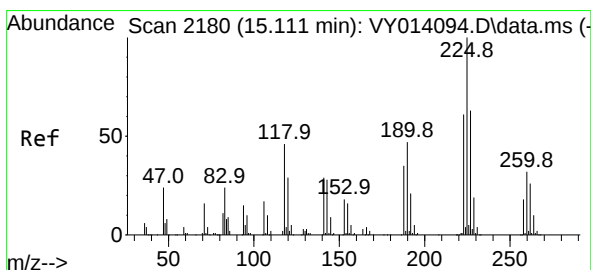
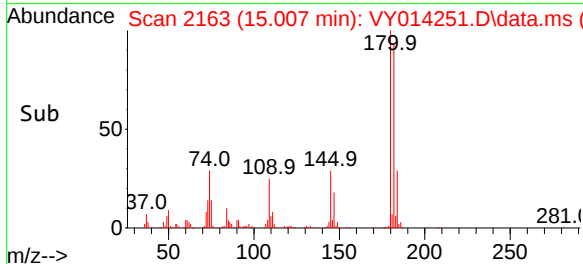
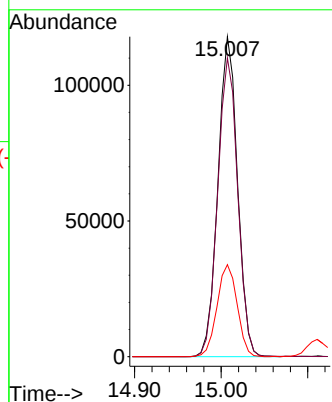
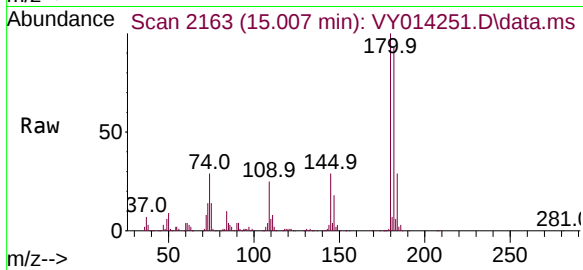
Tgt Ion:180 Resp: 185181

Ion Ratio Lower Upper

180 100

182 95.5 47.0 141.2

145 29.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 51.004 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

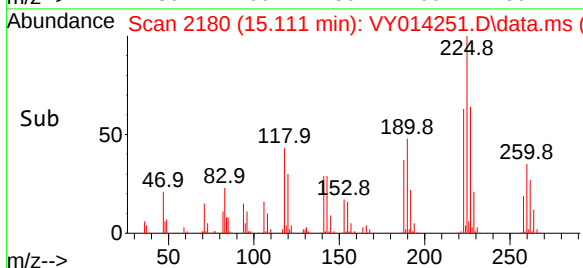
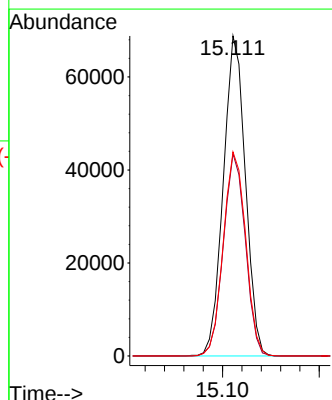
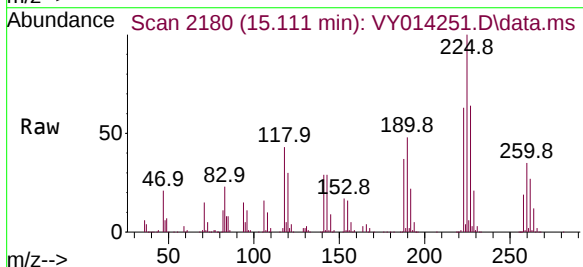
Tgt Ion:225 Resp: 109013

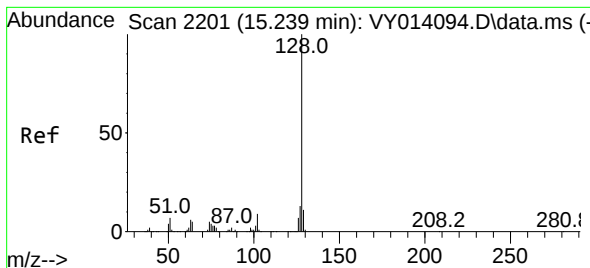
Ion Ratio Lower Upper

225 100

223 62.8 31.9 95.9

227 64.8 33.0 98.9





#95

Naphthalene

Concen: 50.779 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

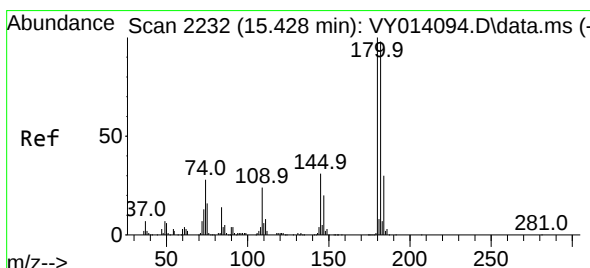
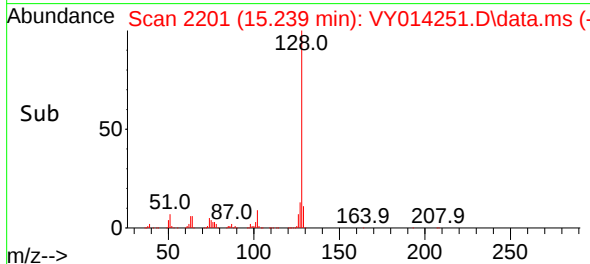
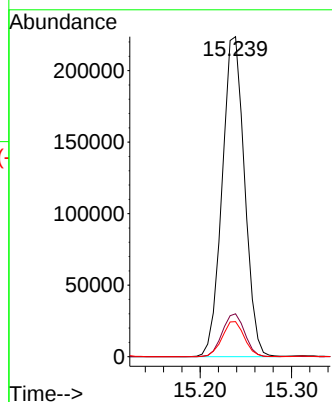
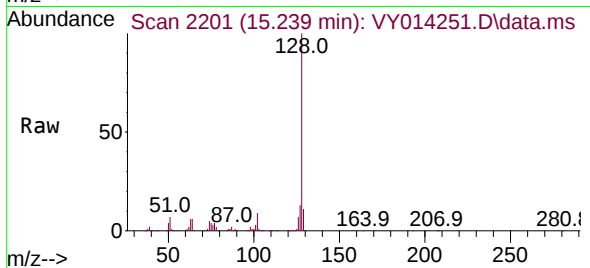
Tgt Ion:128 Resp: 381581

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.951 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014251.D

Acq: 20 Jun 2023 01:07

Tgt Ion:180 Resp: 167103

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.8

145 31.3 15.4 46.2

