

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063023\
 Data File : VY014510.D
 Acq On : 30 Jun 2023 11:59
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 30 23:15:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	419404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	616223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	572221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	308600	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	201043	48.187	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.380%
35) Dibromofluoromethane	7.710	113	195293	51.464	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.920%
50) Toluene-d8	10.179	98	768708	51.244	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.480%
62) 4-Bromofluorobenzene	12.477	95	265527	50.975	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	170709	57.523	ug/l	97
3) Chloromethane	2.107	50	251946	51.870	ug/l	97
4) Vinyl Chloride	2.247	62	299536	53.500	ug/l	98
5) Bromomethane	2.638	94	218965	50.437	ug/l	99
6) Chloroethane	2.784	64	192853	53.496	ug/l	98
7) Trichlorofluoromethane	3.119	101	365586	53.764	ug/l	100
8) Diethyl Ether	3.528	74	133713	51.934	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.893	101	216312	53.270	ug/l	97
10) Methyl Iodide	4.082	142	265330	57.260	ug/l	92
11) Tert butyl alcohol	4.954	59	161490	221.165	ug/l #	85
12) 1,1-Dichloroethene	3.863	96	213715	54.328	ug/l	85
13) Acrolein	3.723	56	124136	224.269	ug/l	99
14) Allyl chloride	4.473	41	319200	53.835	ug/l #	87
15) Acrylonitrile	5.155	53	374107	253.111	ug/l	98
16) Acetone	3.942	43	398111	305.551	ug/l #	87
17) Carbon Disulfide	4.186	76	659655	55.027	ug/l	99
18) Methyl Acetate	4.473	43	282894	47.697	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	601724	53.222	ug/l	100
20) Methylene Chloride	4.710	84	265860	57.267	ug/l	86
21) trans-1,2-Dichloroethene	5.210	96	244045	54.807	ug/l	95
22) Diisopropyl ether	6.113	45	682006	55.823	ug/l	89
23) Vinyl Acetate	6.052	43	1968604	278.504	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	412143	53.736	ug/l	98
25) 2-Butanone	6.978	43	520732	269.917	ug/l #	90
26) 2,2-Dichloropropane	6.972	77	361843	55.350	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	275480	54.539	ug/l	92
28) Bromochloromethane	7.326	49	158354	49.170	ug/l	84
29) Tetrahydrofuran	7.338	42	320405	257.479	ug/l	88
30) Chloroform	7.503	83	432100	54.007	ug/l	96
31) Cyclohexane	7.783	56	354267	54.123	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	373454	54.608	ug/l	97
36) 1,1-Dichloropropene	7.911	75	330360	56.848	ug/l	98
37) Ethyl Acetate	7.064	43	204727	51.370	ug/l #	93
38) Carbon Tetrachloride	7.899	117	340603	56.146	ug/l	98
39) Methylcyclohexane	9.179	83	405483	58.375	ug/l	96
40) Benzene	8.155	78	977947	55.594	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	285223	146.494	ug/l #	17
42) 1,2-Dichloroethane	8.234	62	277353	53.642	ug/l	93
43) Isopropyl Acetate	8.271	43	355357	52.615	ug/l #	91
44) Trichloroethene	8.935	130	269612	54.977	ug/l	97
45) 1,2-Dichloropropane	9.216	63	248946	55.165	ug/l	98
46) Dibromomethane	9.301	93	149220	54.316	ug/l	95
47) Bromodichloromethane	9.490	83	334220	55.214	ug/l	100
48) Methyl methacrylate	9.289	41	169076	55.050	ug/l #	80
49) 1,4-Dioxane	9.295	88	51327	1046.261	ug/l #	61
51) 4-Methyl-2-Pentanone	10.069	43	1056861	264.317	ug/l	89
52) Toluene	10.240	92	624760	56.438	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	361580	55.859	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	402217	55.691	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	215881	54.004	ug/l	98
56) Ethyl methacrylate	10.508	69	300214	55.208	ug/l #	80
57) 1,3-Dichloropropane	10.789	76	353162	54.220	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.777	63	664679	252.310	ug/l	96
59) 2-Hexanone	10.825	43	803474	278.179	ug/l	87
60) Dibromochloromethane	10.984	129	256825	54.829	ug/l	100
61) 1,2-Dibromoethane	11.087	107	210876	54.033	ug/l	100
64) Tetrachloroethene	10.715	164	279567	54.653	ug/l	96
65) Chlorobenzene	11.514	112	672997	55.188	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	254705	54.954	ug/l	98
67) Ethyl Benzene	11.587	91	1201664	57.785	ug/l	98
68) m/p-Xylenes	11.697	106	953209	115.557	ug/l	93
69) o-Xylene	12.026	106	450558	57.589	ug/l	95
70) Styrene	12.038	104	777870	57.789	ug/l	96
71) Bromoform	12.203	173	189833	53.912	ug/l	99
73) Isopropylbenzene	12.325	105	1176794	58.225	ug/l	99
74) N-amyl acetate	12.142	43	331193	54.295	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	273897	52.809	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	354065	97.773	ug/l #	100
77) Bromobenzene	12.605	156	307996	55.794	ug/l	94
78) n-propylbenzene	12.666	91	1433614	58.149	ug/l	98
79) 2-Chlorotoluene	12.752	91	810296	57.110	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	986764	57.672	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	100383	53.955	ug/l	87
82) 4-Chlorotoluene	12.849	91	845365	56.872	ug/l	97
83) tert-Butylbenzene	13.075	119	872377	58.014	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	998565	58.486	ug/l	98
85) sec-Butylbenzene	13.252	105	1291094	58.185	ug/l	99
86) p-Isopropyltoluene	13.367	119	1094475	58.611	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	598342	55.437	ug/l	99
88) 1,4-Dichlorobenzene	13.441	146	595700	55.072	ug/l	99
89) n-Butylbenzene	13.697	91	1009000	58.468	ug/l	97
90) Hexachloroethane	13.959	117	201831	54.564	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	539205	55.153	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	47296	49.808	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	355303	56.266	ug/l	98
94) Hexachlorobutadiene	15.111	225	221464	57.064	ug/l	97
95) Naphthalene	15.233	128	742320	55.254	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	322067	55.976	ug/l	98

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QLast Update : Fri Jun 30 19:02:11 2023
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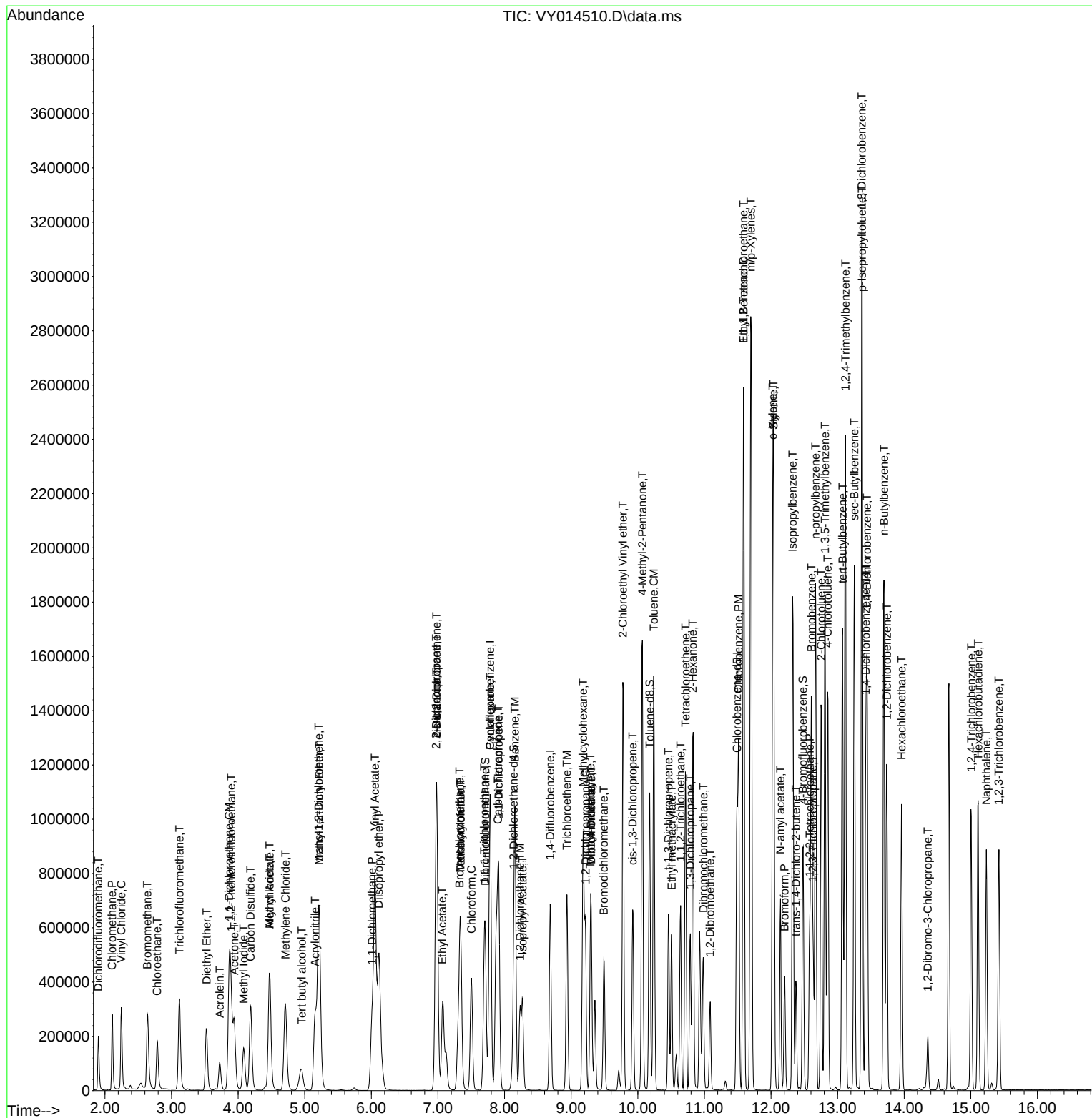
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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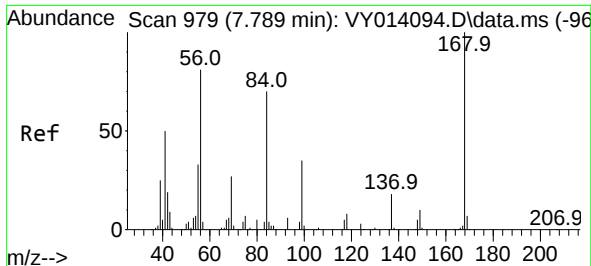
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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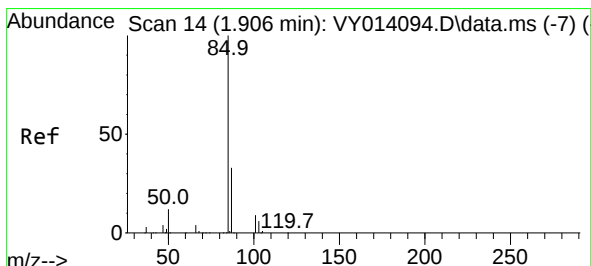
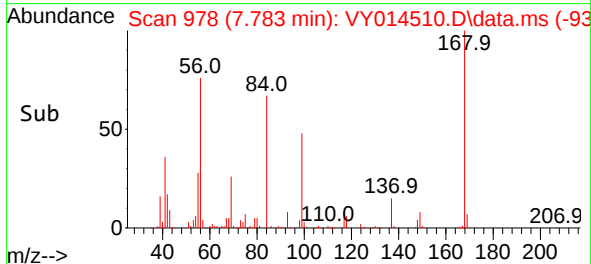
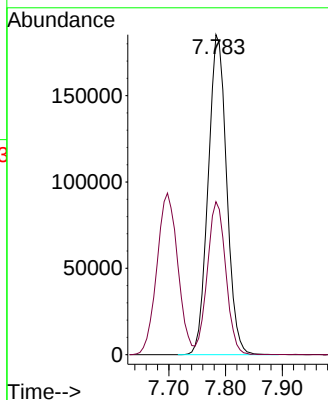
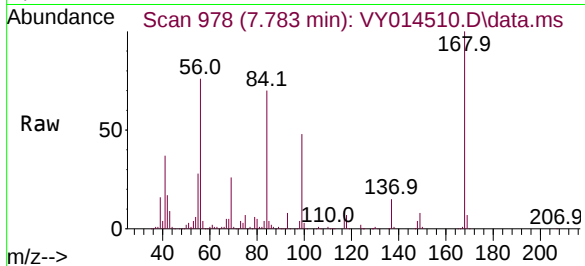




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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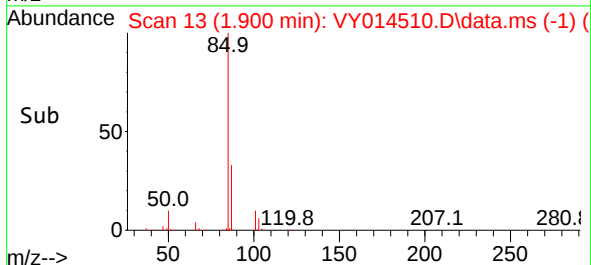
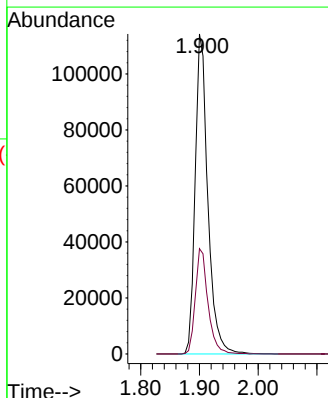
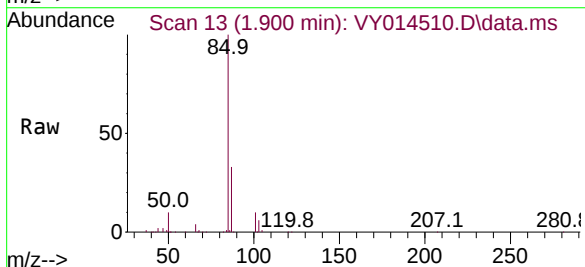
Instrument :
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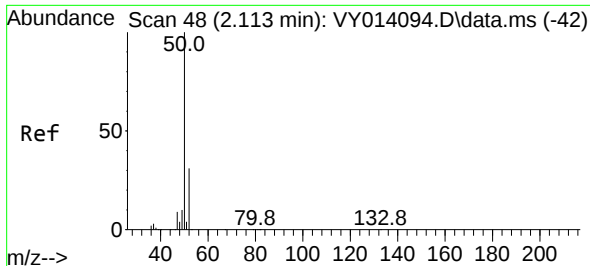
Tgt Ion:168 Resp: 419404
Ion Ratio Lower Upper
168 100
99 47.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 57.523 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

Tgt Ion: 85 Resp: 170709
Ion Ratio Lower Upper
85 100
87 32.9 15.6 46.8

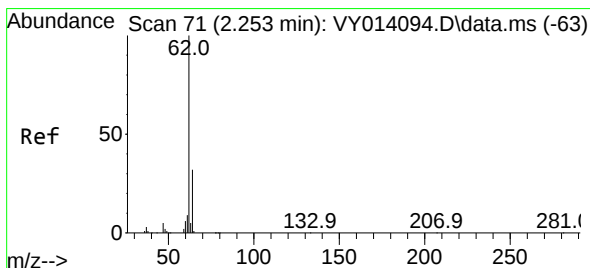
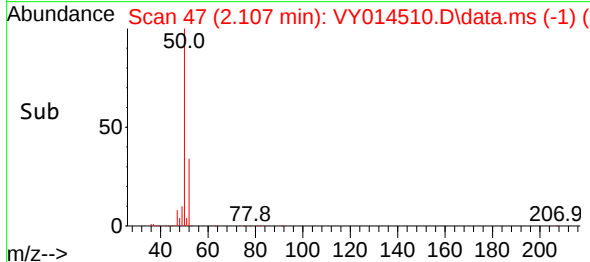
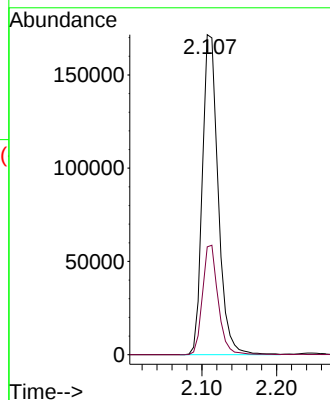
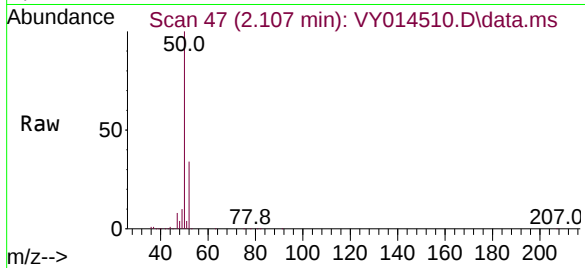




#3
Chloromethane
Concen: 51.870 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

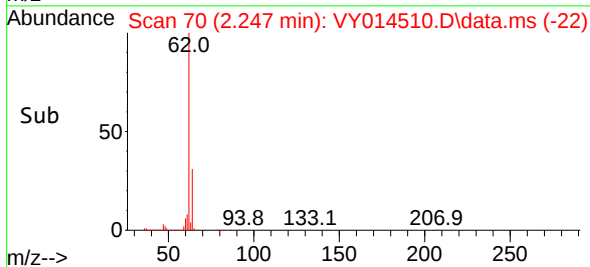
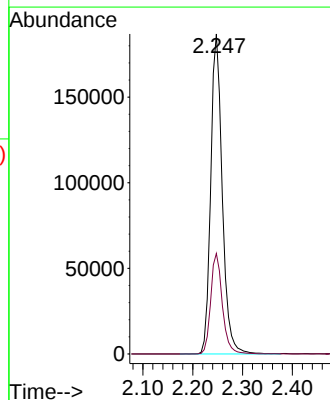
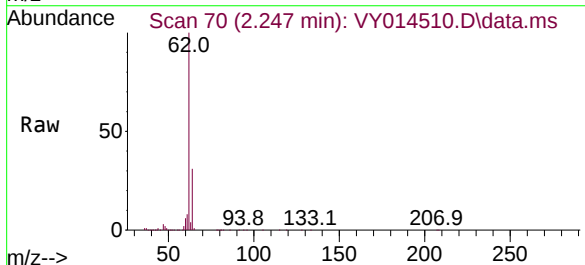
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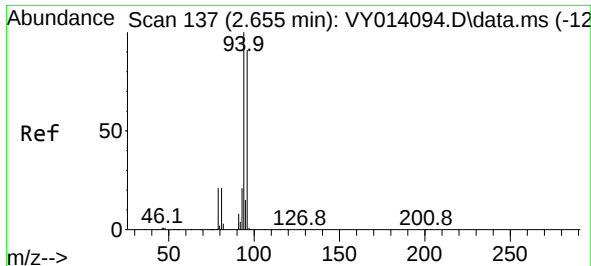
Tgt Ion: 50 Resp: 251946
Ion Ratio Lower Upper
50 100
52 33.7 25.4 38.2



#4
Vinyl Chloride
Concen: 53.500 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014510.D
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Tgt Ion: 62 Resp: 299536
Ion Ratio Lower Upper
62 100
64 31.4 24.3 36.5

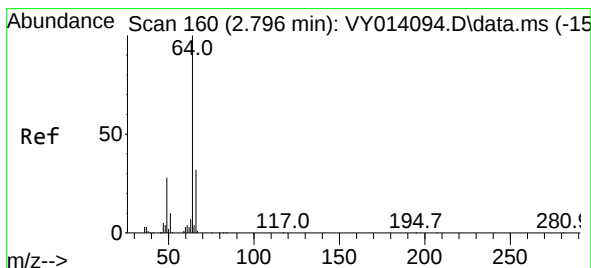
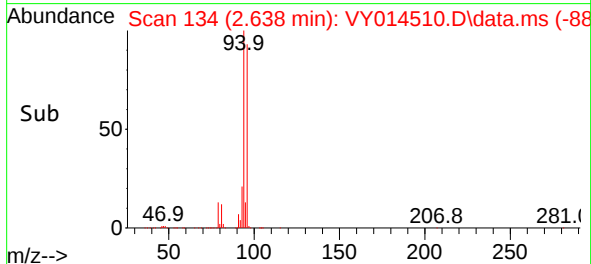
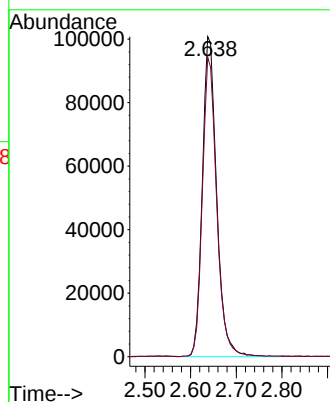
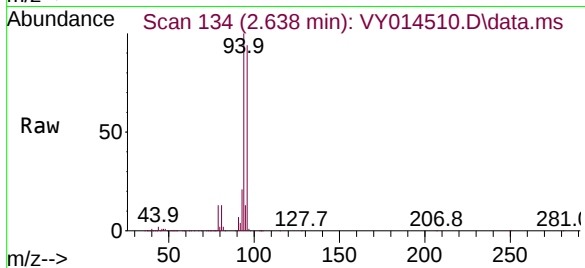




#5
Bromomethane
Concen: 50.437 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.017 min
Lab File: VY014510.D
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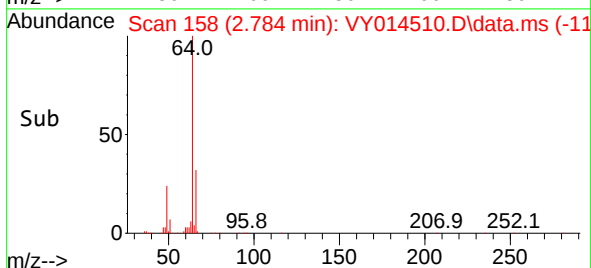
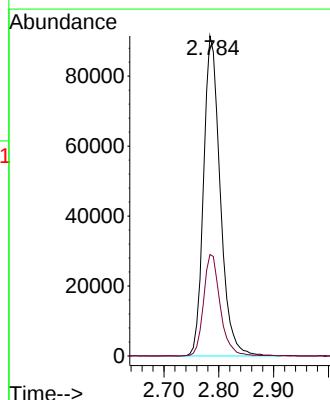
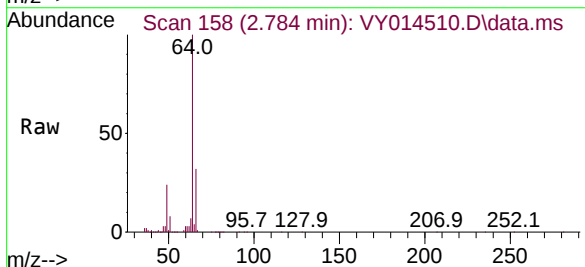
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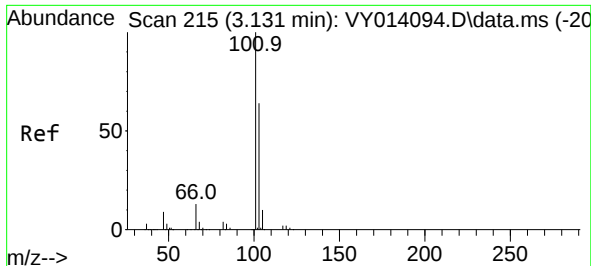
Tgt Ion: 94 Resp: 218965
Ion Ratio Lower Upper
94 100
96 93.5 75.8 113.6



#6
Chloroethane
Concen: 53.496 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY014510.D
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Tgt Ion: 64 Resp: 192853
Ion Ratio Lower Upper
64 100
66 31.7 24.4 36.6

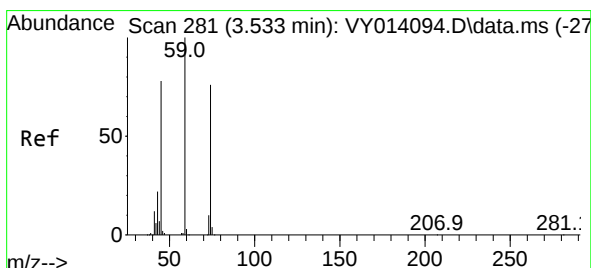
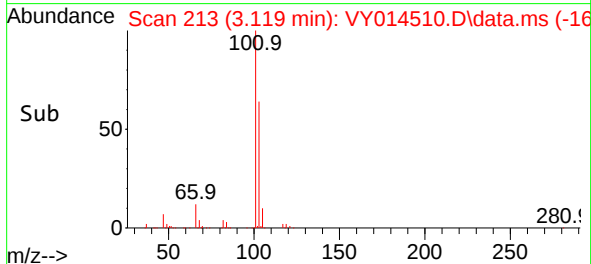
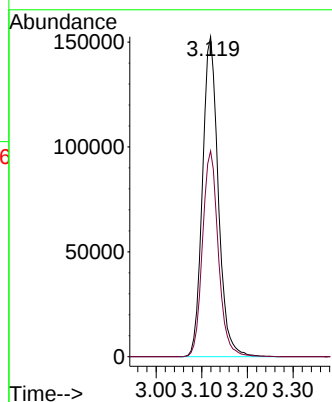
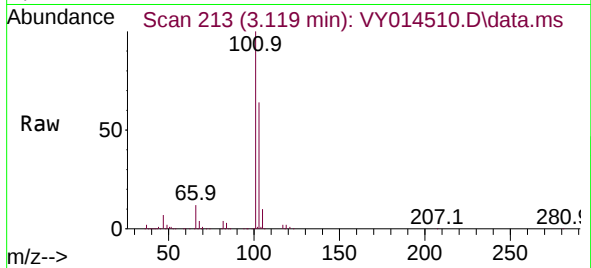




#7
Trichlorofluoromethane
Concen: 53.764 ug/l
RT: 3.119 min Scan# 215
Delta R.T. -0.012 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

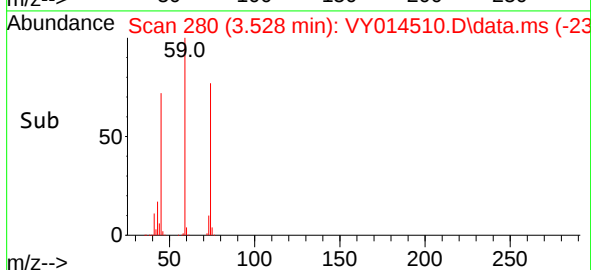
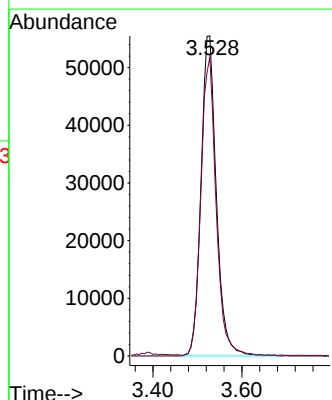
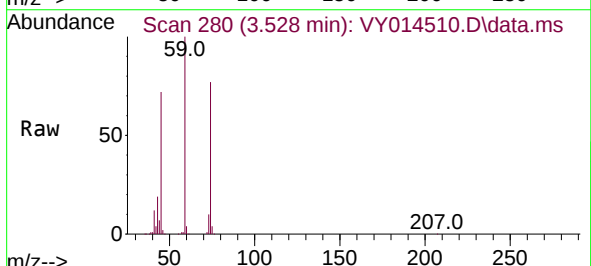
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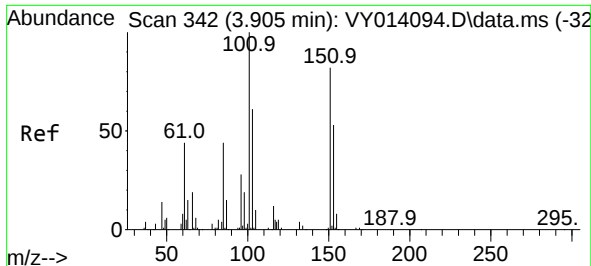
Tgt Ion:101 Resp: 365586
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.0



#8
Diethyl Ether
Concen: 51.934 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.005 min
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Tgt Ion: 74 Resp: 133713
Ion Ratio Lower Upper
74 100
45 92.0 51.5 154.5

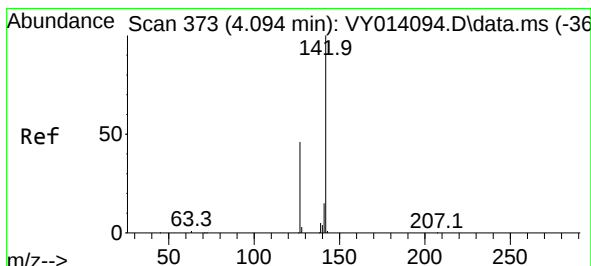
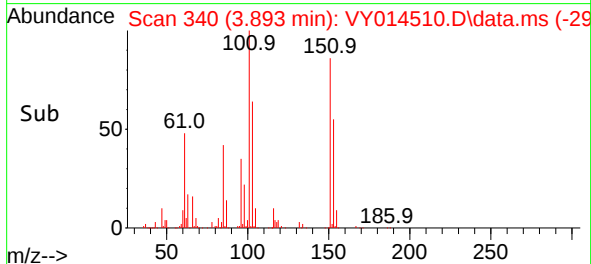
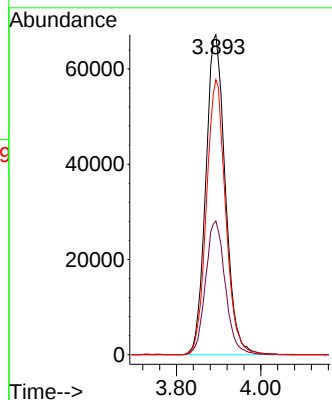
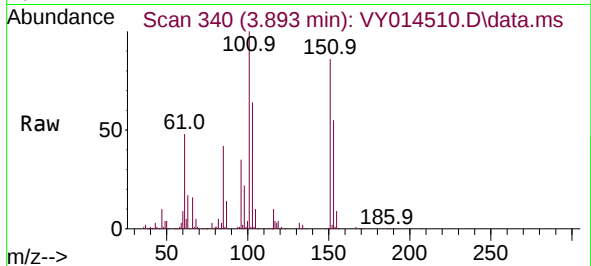




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.270 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

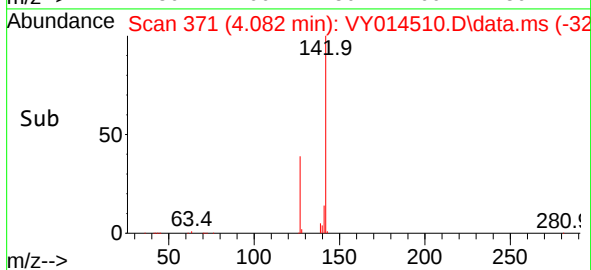
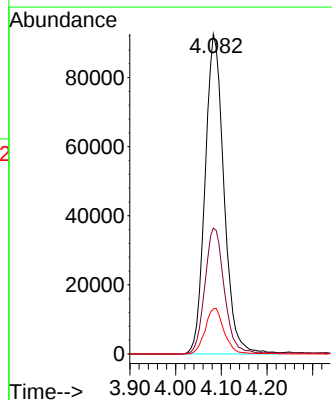
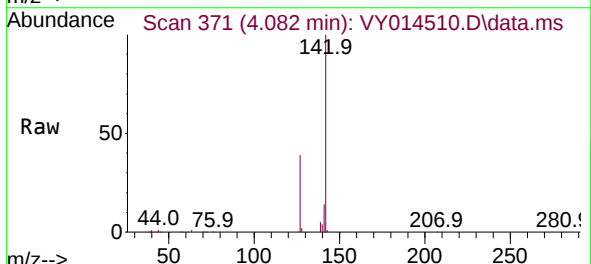
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

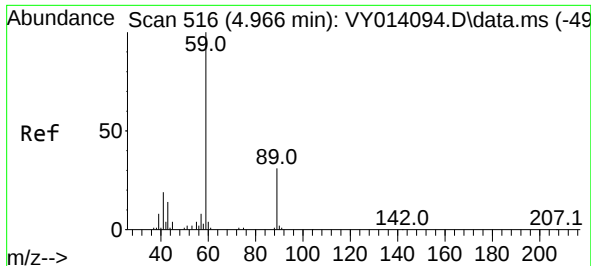
Tgt Ion:101 Resp: 216312
Ion Ratio Lower Upper
101 100
85 42.1 36.6 55.0
151 84.5 67.0 100.6



#10
Methyl Iodide
Concen: 57.260 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

Tgt Ion:142 Resp: 265330
Ion Ratio Lower Upper
142 100
127 40.6 37.6 56.4
141 14.3 11.8 17.8

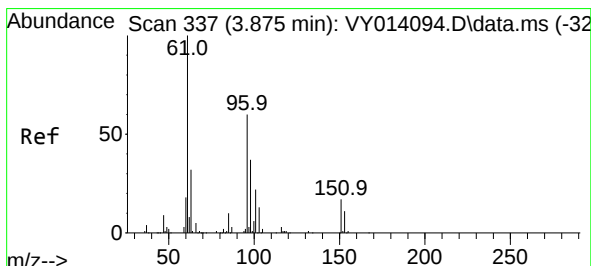
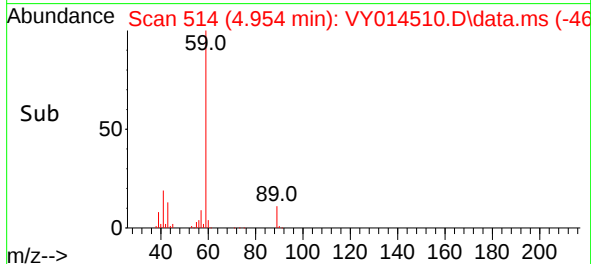
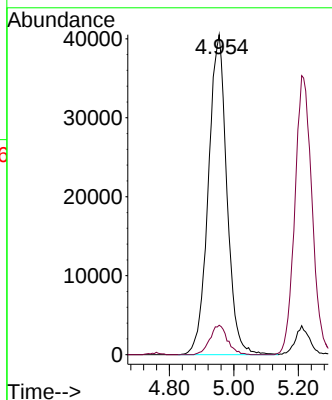
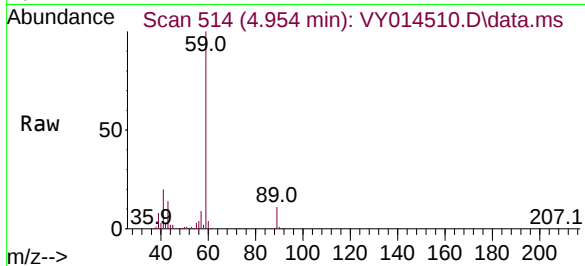




#11
Tert butyl alcohol
Concen: 221.165 ug/l
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

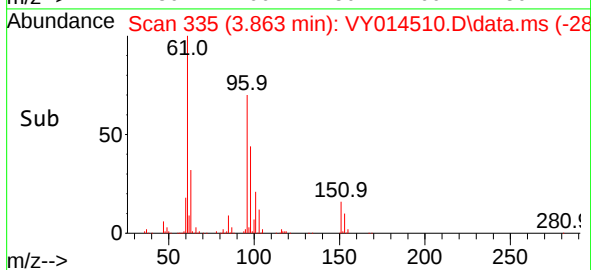
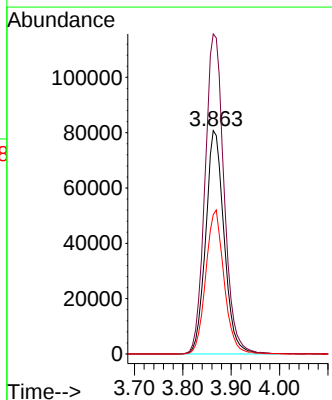
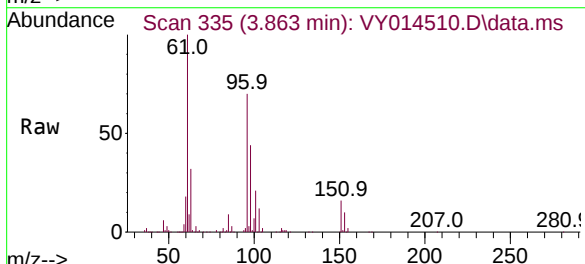
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

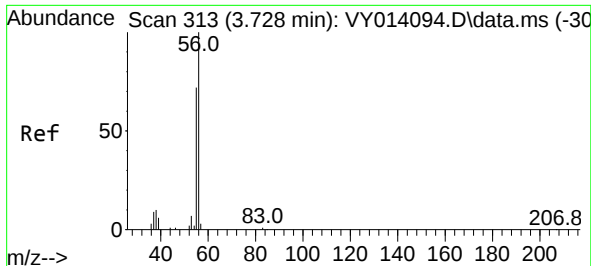
Tgt Ion: 59 Resp: 161490
Ion Ratio Lower Upper
59 100
57 8.8 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 54.328 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.012 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

Tgt Ion: 96 Resp: 213715
Ion Ratio Lower Upper
96 100
61 143.2 136.4 204.6
98 62.3 49.4 74.2

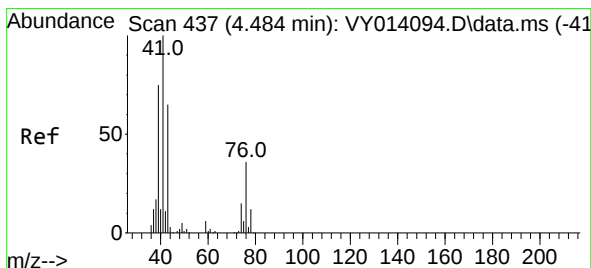
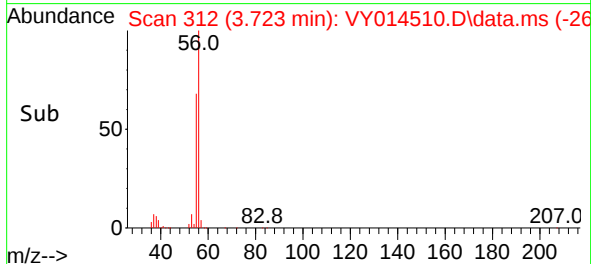
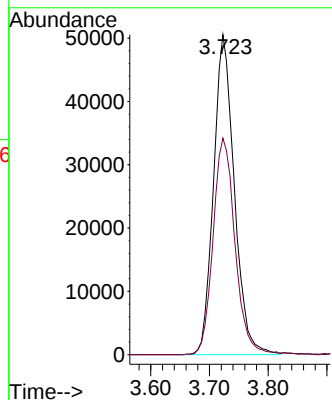
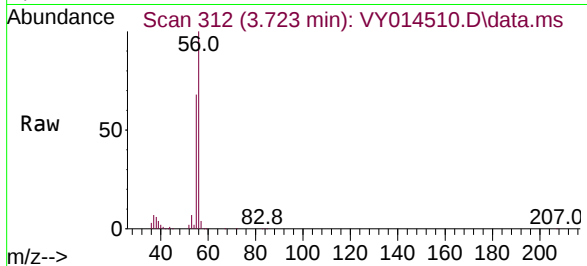




#13
Acrolein
Concen: 224.269 ug/l
RT: 3.723 min Scan# 311
Delta R.T. -0.005 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

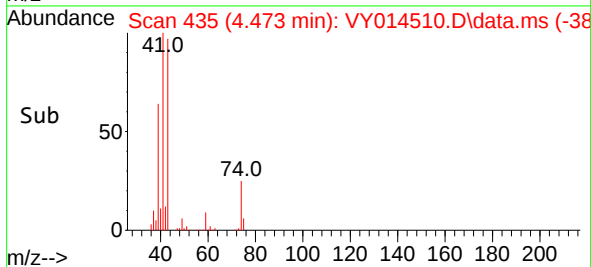
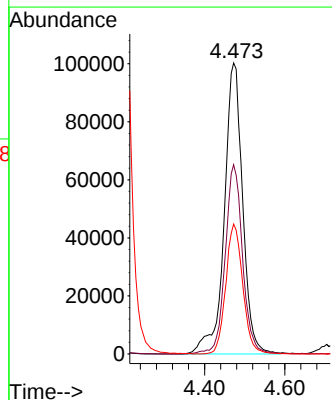
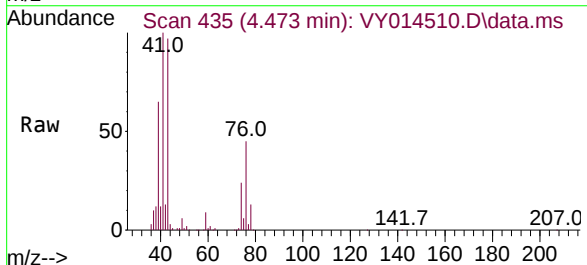
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

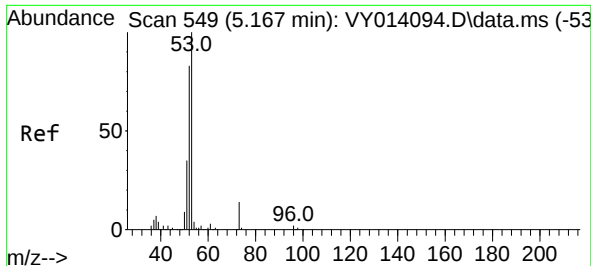
Tgt Ion: 56 Resp: 124136
Ion Ratio Lower Upper
56 100
55 71.7 57.0 85.4



#14
Allyl chloride
Concen: 53.835 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.011 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

Tgt Ion: 41 Resp: 319200
Ion Ratio Lower Upper
41 100
39 61.4 58.0 87.0
76 41.3 27.4 41.2#

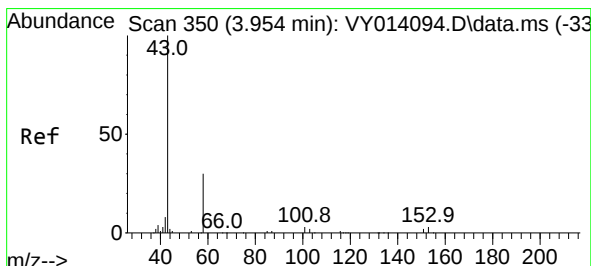
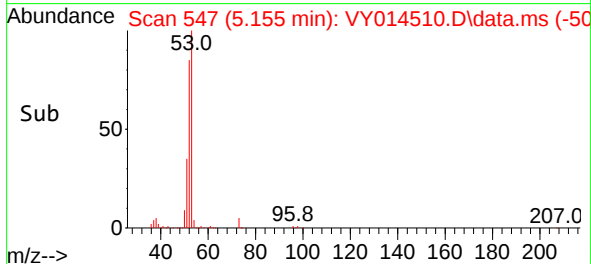
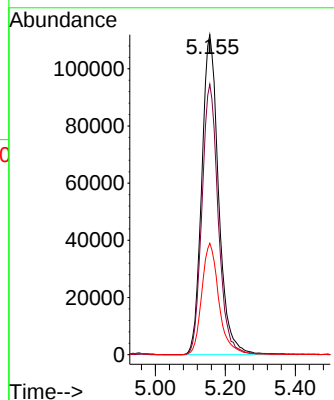
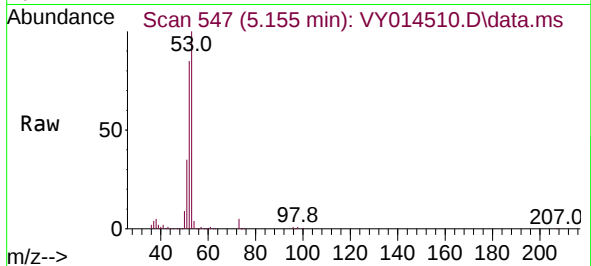




#15
Acrylonitrile
Concen: 253.111 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

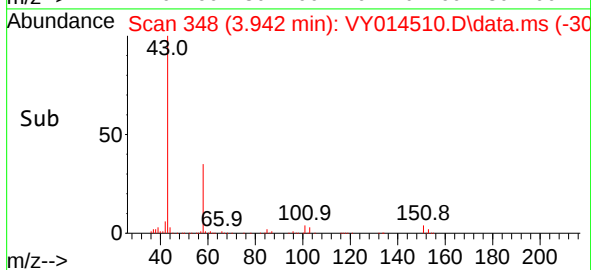
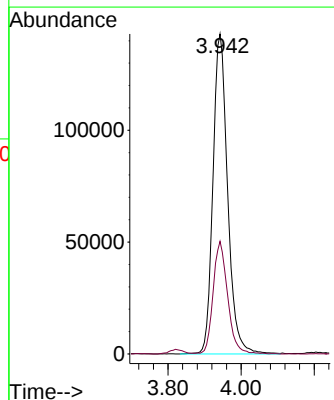
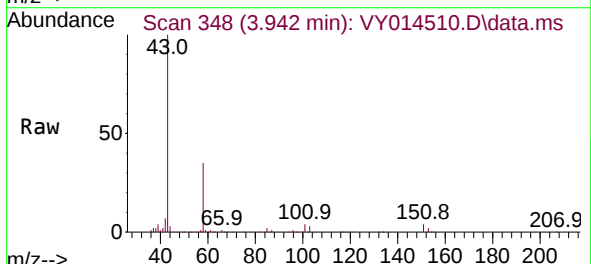
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

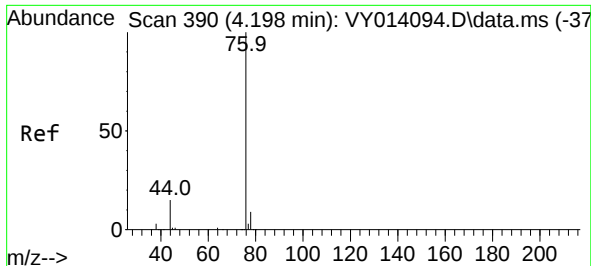
Tgt Ion: 53 Resp: 374107
Ion Ratio Lower Upper
53 100
52 81.8 66.9 100.3
51 35.5 29.8 44.6



#16
Acetone
Concen: 305.551 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

Tgt Ion: 43 Resp: 398111
Ion Ratio Lower Upper
43 100
58 35.2 22.7 34.1#

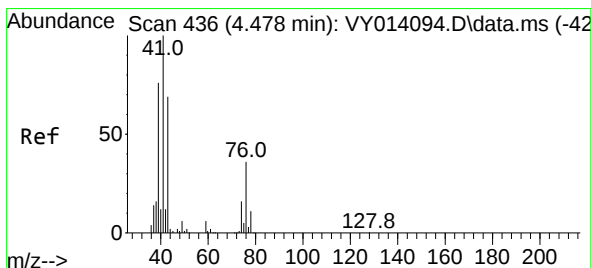
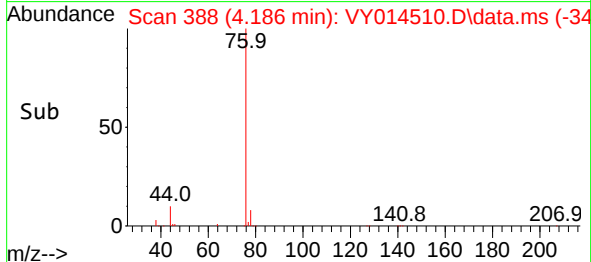
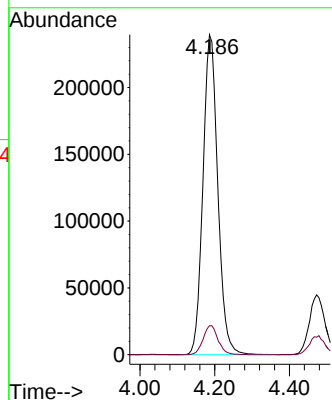
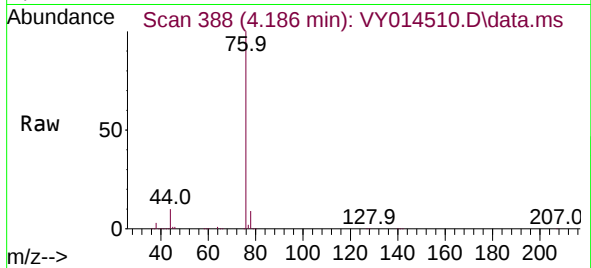




#17
Carbon Disulfide
Concen: 55.027 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

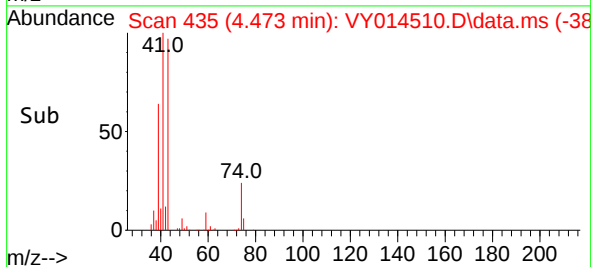
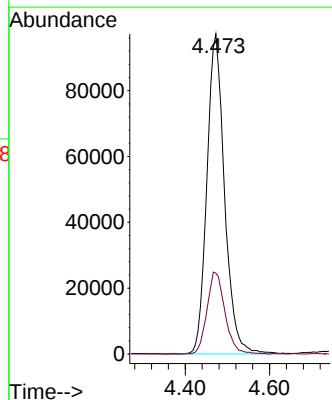
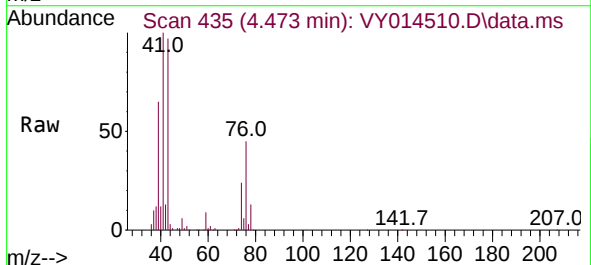
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

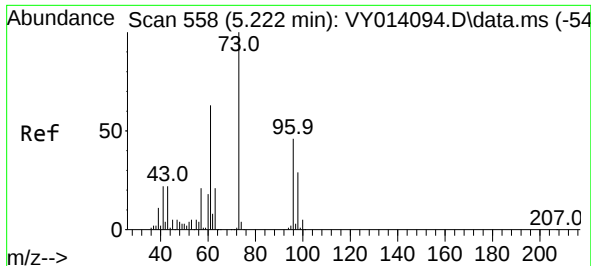
Tgt Ion: 76 Resp: 659655
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 47.697 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

Tgt Ion: 43 Resp: 282894
Ion Ratio Lower Upper
43 100
74 26.0 17.4 26.0

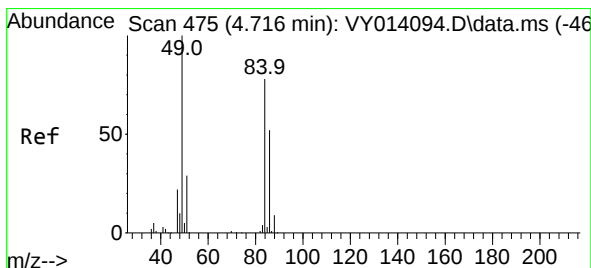
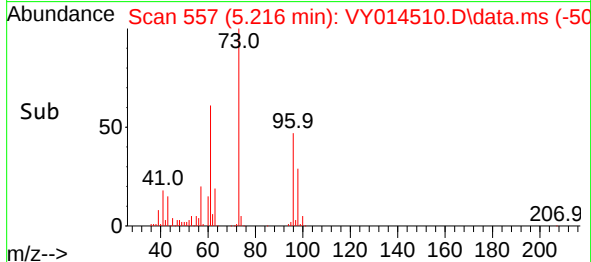
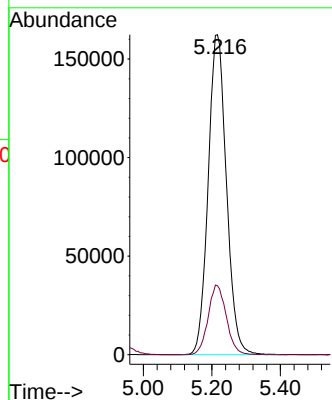
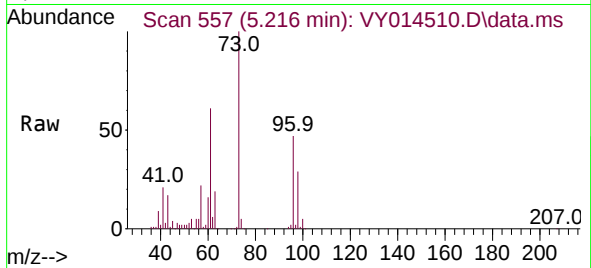




#19
Methyl tert-butyl Ether
Concen: 53.222 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

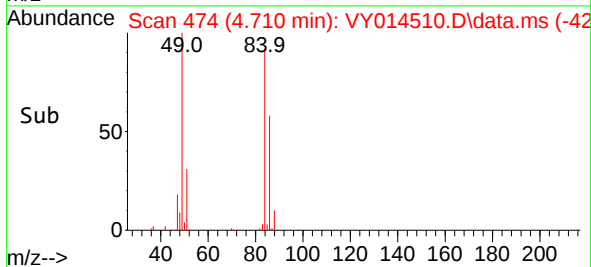
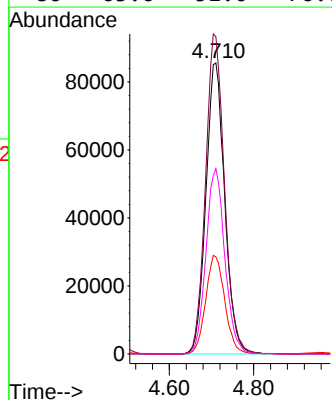
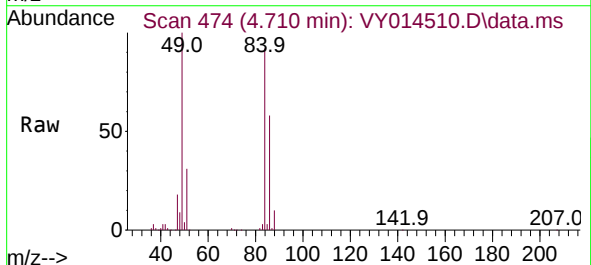
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

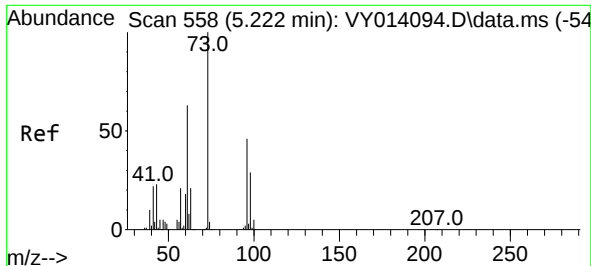
Tgt Ion: 73 Resp: 601724
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 57.267 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

Tgt Ion: 84 Resp: 265860
Ion Ratio Lower Upper
84 100
49 109.0 106.9 160.3
51 33.4 33.2 49.8
86 63.6 51.0 76.6

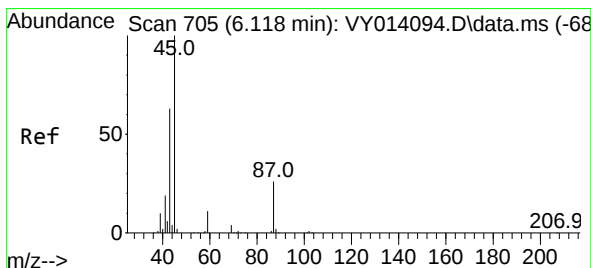
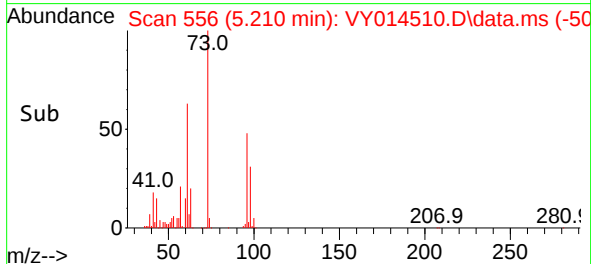
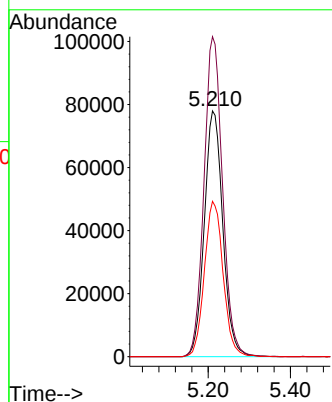
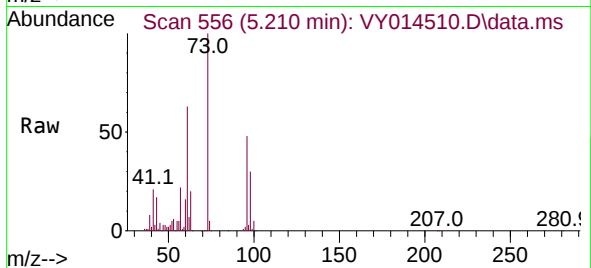




#21
trans-1,2-Dichloroethene
Concen: 54.807 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

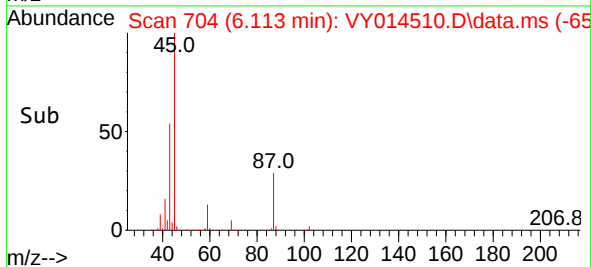
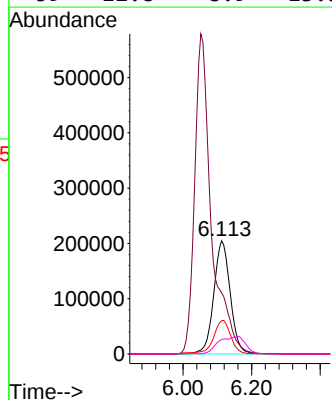
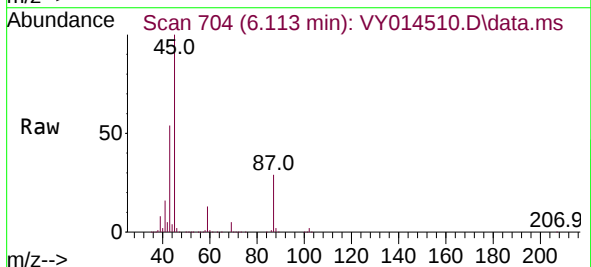
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

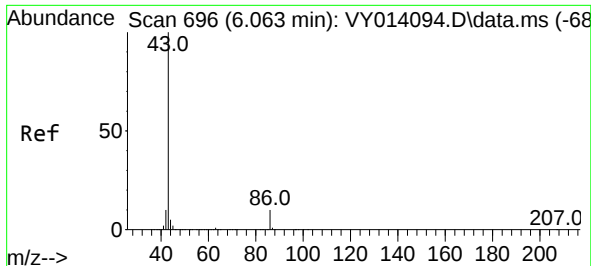
Tgt Ion: 96 Resp: 244045
Ion Ratio Lower Upper
96 100
61 130.2 110.2 165.4
98 63.2 51.8 77.6



#22
Diisopropyl ether
Concen: 55.823 ug/l
RT: 6.113 min Scan# 704
Delta R.T. -0.005 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

Tgt Ion: 45 Resp: 682006
Ion Ratio Lower Upper
45 100
43 53.7 52.2 78.4
87 29.4 21.0 31.6
59 12.8 8.9 13.3

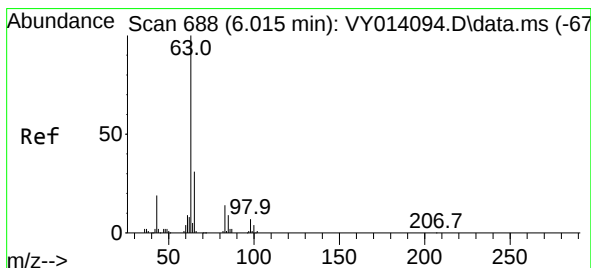
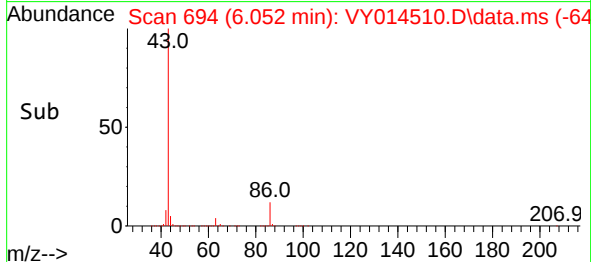
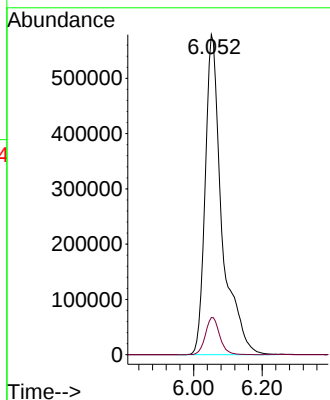
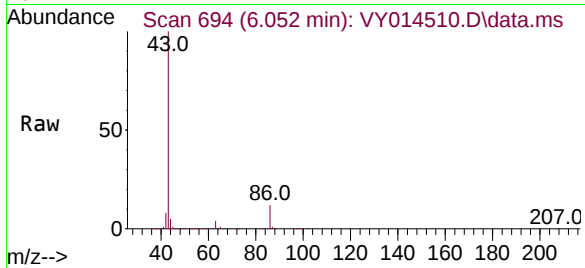




#23
 Vinyl Acetate
 Concen: 278.504 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. -0.011 min
 Lab File: VY014510.D
 Acq: 30 Jun 2023 11:59

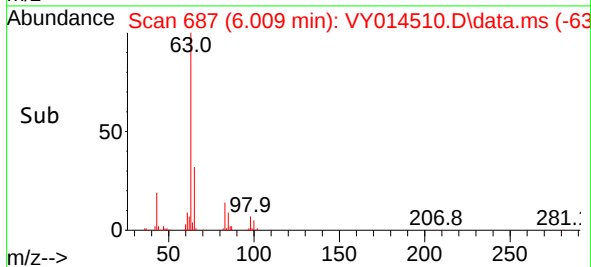
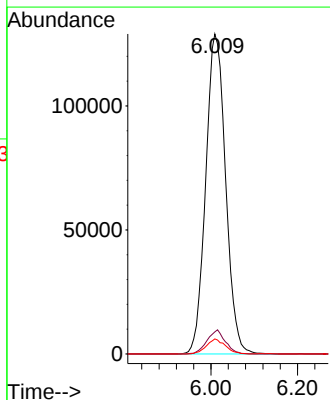
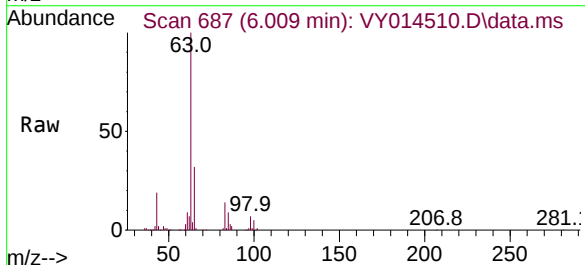
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

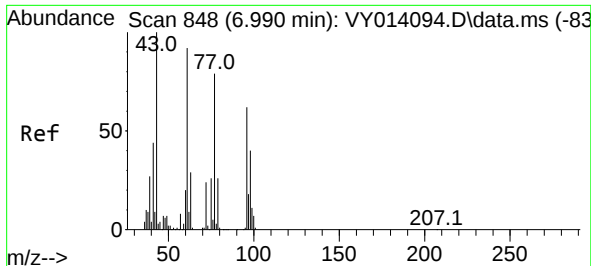
Tgt Ion: 43 Resp: 1968604
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 53.736 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY014510.D
 Acq: 30 Jun 2023 11:59

Tgt Ion: 63 Resp: 412143
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.7 1.8 5.5





#25

2-Butanone

Concen: 269.917 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

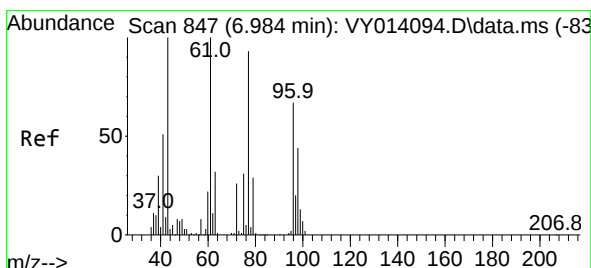
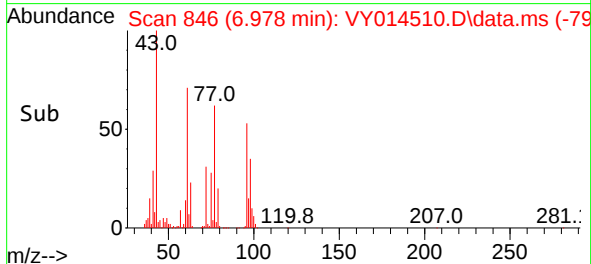
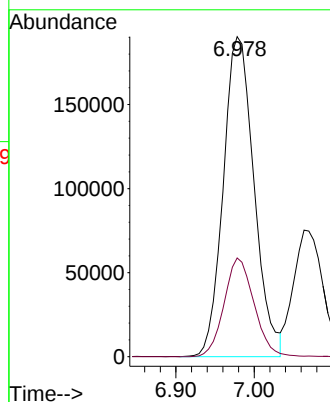
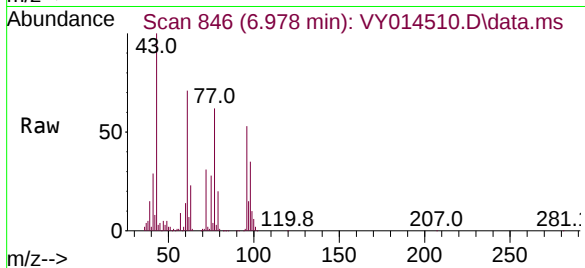
VSTDCCC050

Tgt Ion: 43 Resp: 520732

Ion Ratio Lower Upper

43 100

72 30.8 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 55.350 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY014510.D

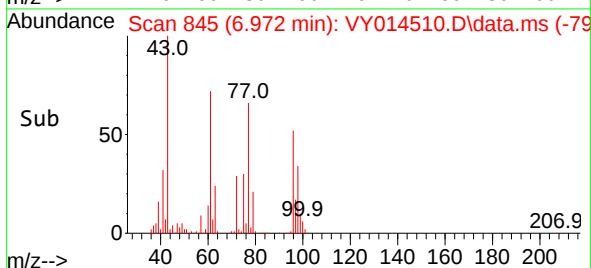
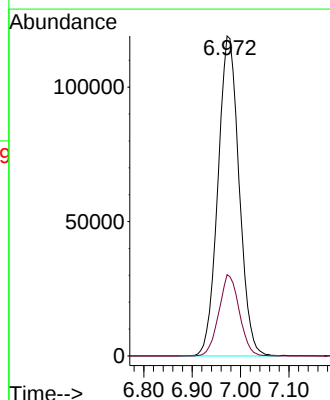
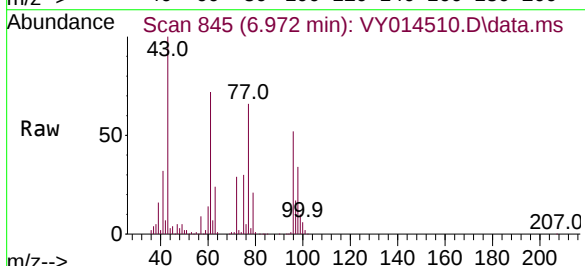
Acq: 30 Jun 2023 11:59

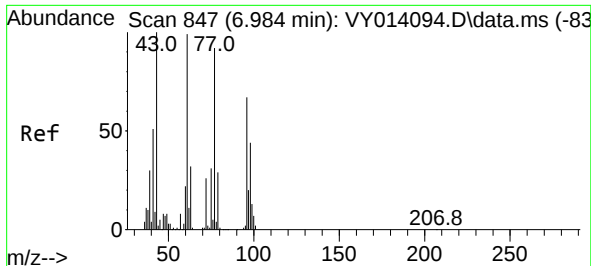
Tgt Ion: 77 Resp: 361843

Ion Ratio Lower Upper

77 100

97 24.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 54.539 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

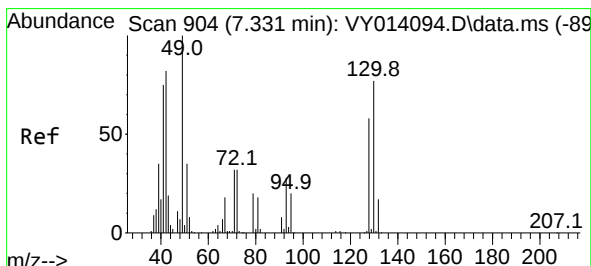
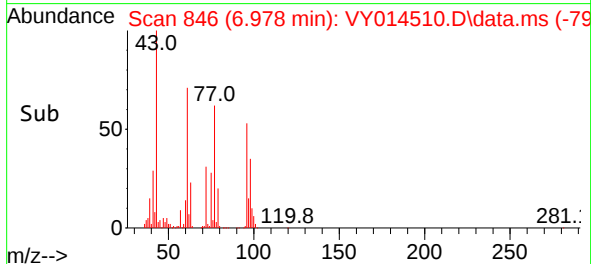
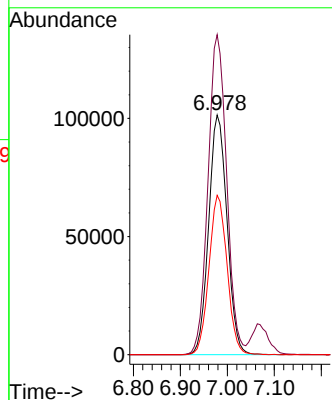
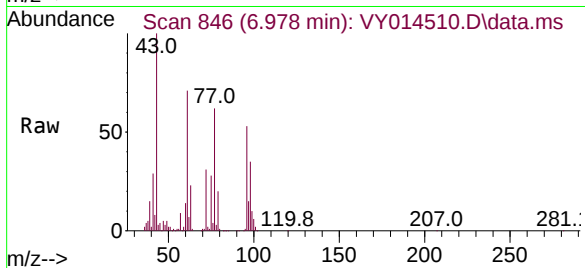
Tgt Ion: 96 Resp: 275480

Ion Ratio Lower Upper

96 100

61 135.7 0.0 301.4

98 65.6 0.0 130.4



#28

Bromochloromethane

Concen: 49.170 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.005 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

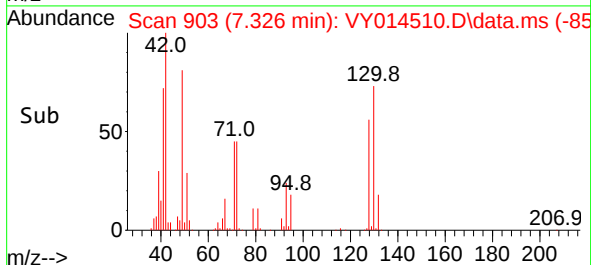
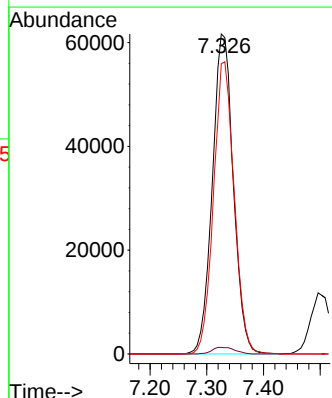
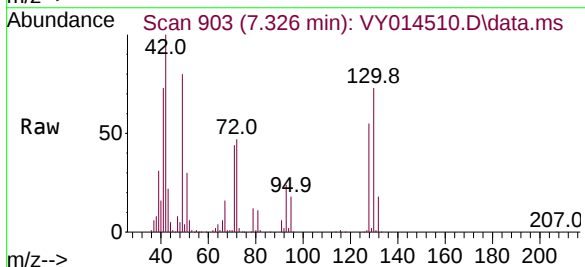
Tgt Ion: 49 Resp: 158354

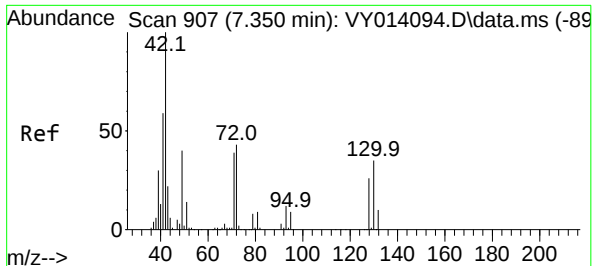
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 89.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 257.479 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

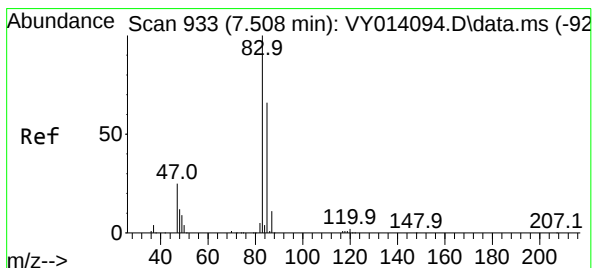
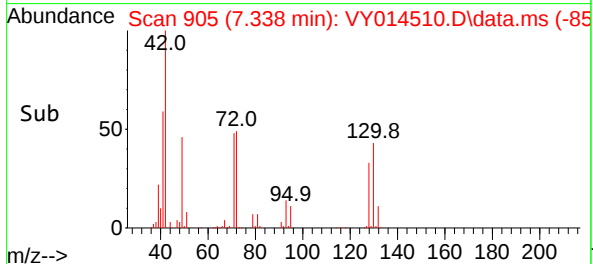
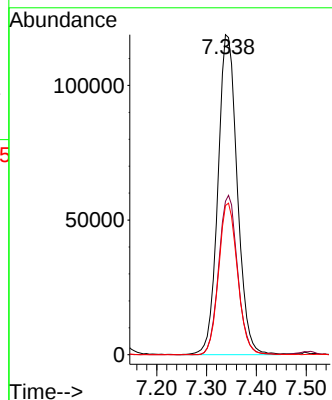
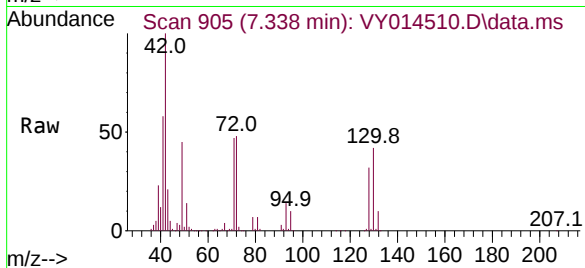
Tgt Ion: 42 Resp: 320405

Ion Ratio Lower Upper

42 100

72 48.6 32.8 49.2

71 46.4 31.0 46.4



#30

Chloroform

Concen: 54.007 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.005 min

Lab File: VY014510.D

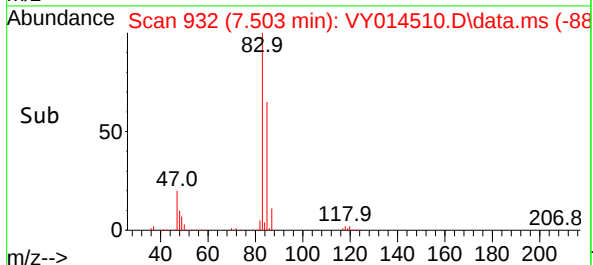
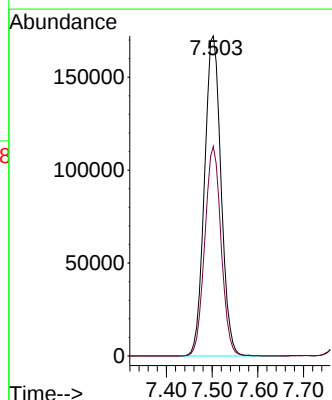
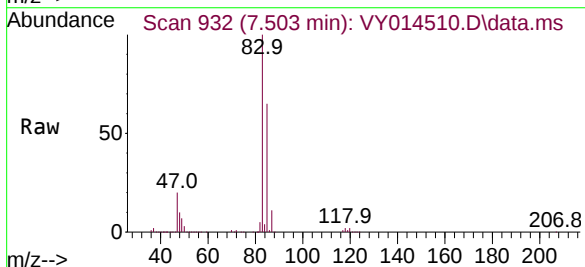
Acq: 30 Jun 2023 11:59

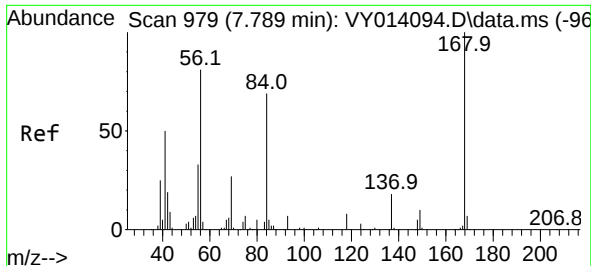
Tgt Ion: 83 Resp: 432100

Ion Ratio Lower Upper

83 100

85 65.5 49.7 74.5

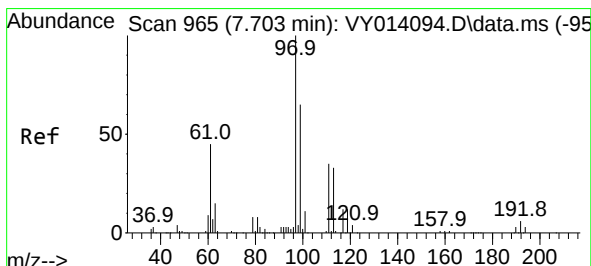
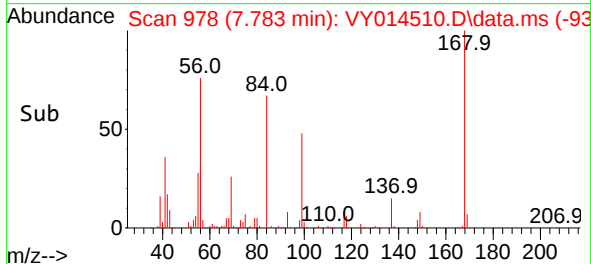
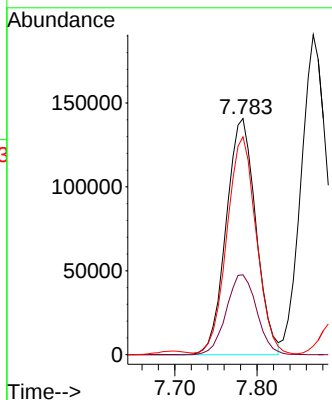
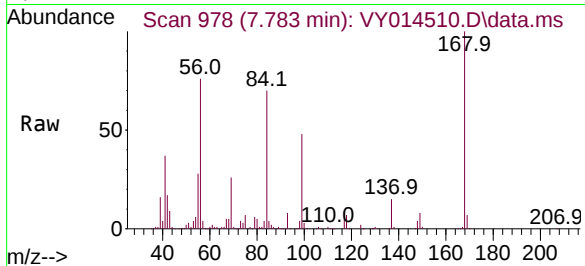




#31
Cyclohexane
Concen: 54.123 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

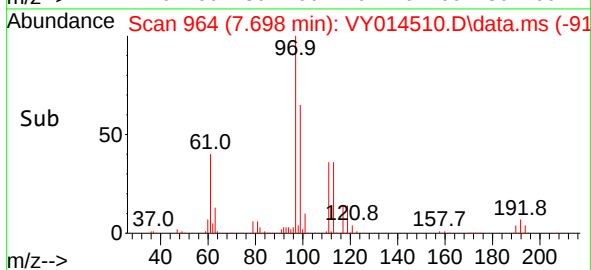
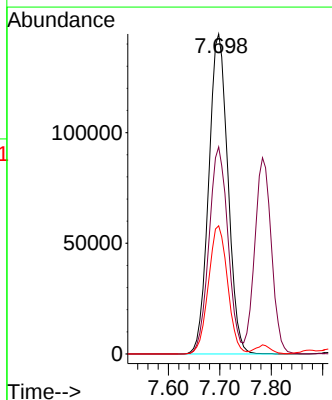
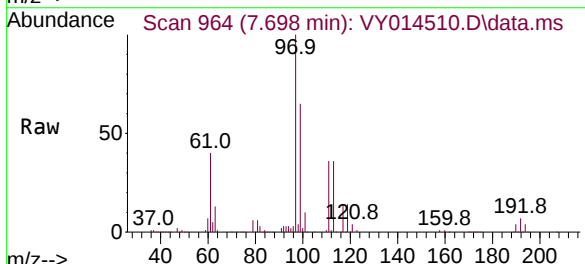
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

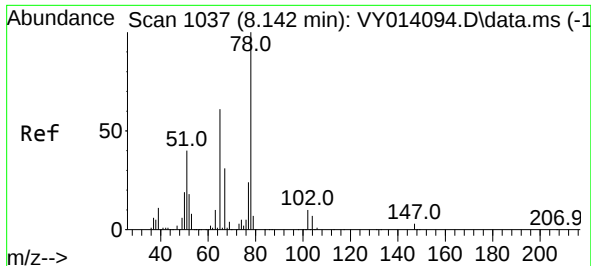
Tgt Ion: 56 Resp: 354267
Ion Ratio Lower Upper
56 100
69 33.8 27.8 41.6
84 90.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 54.608 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.005 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

Tgt Ion: 97 Resp: 373454
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 40.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.187 ug/l

RT: 8.137 min Scan# 1037

Delta R.T. -0.005 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

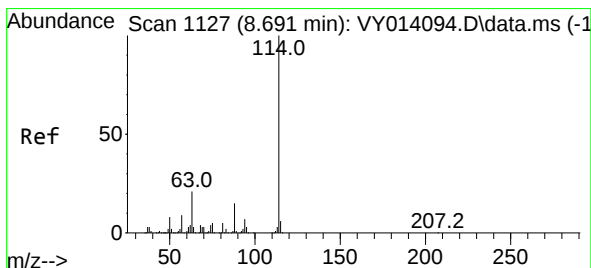
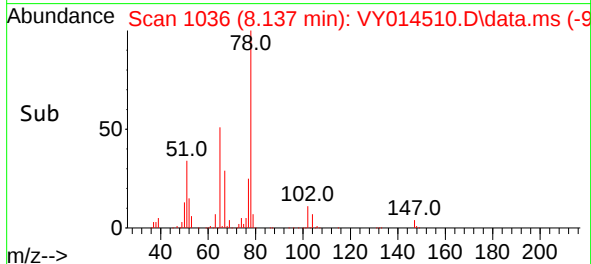
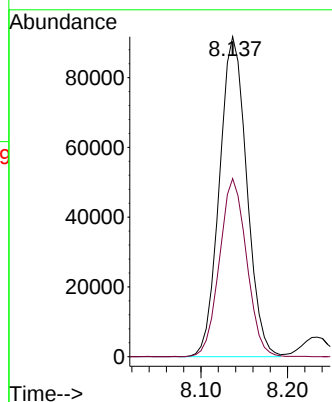
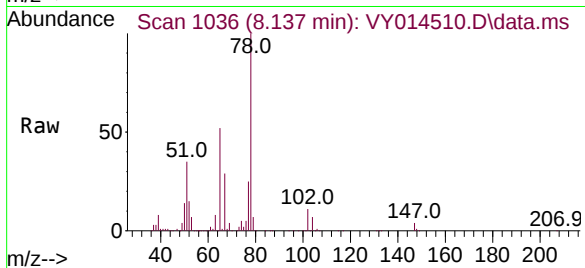
VSTDCCC050

Tgt Ion: 65 Resp: 201043

Ion Ratio Lower Upper

65 100

67 55.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

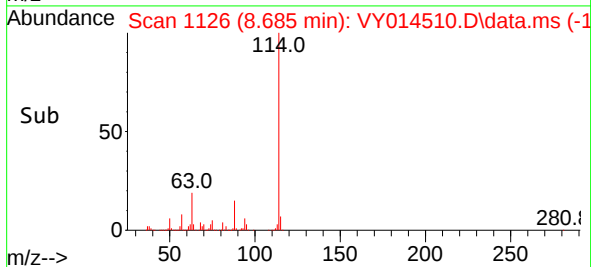
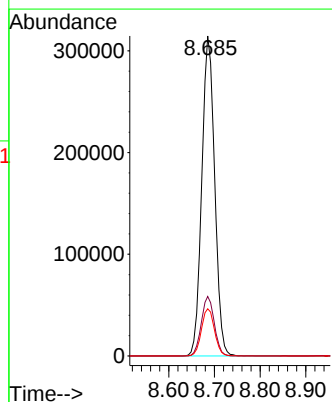
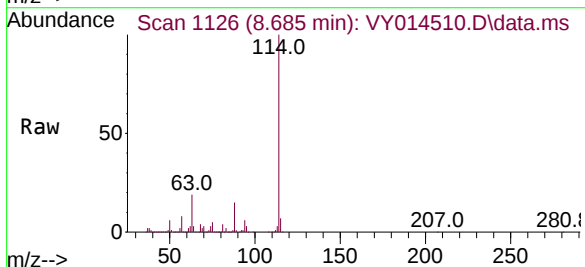
Tgt Ion: 114 Resp: 616223

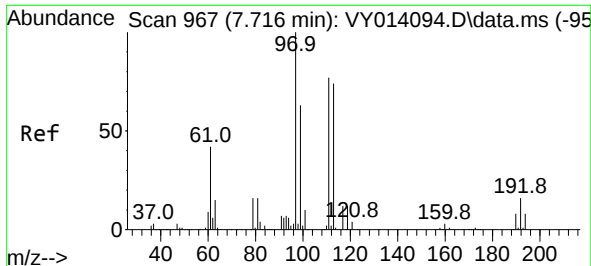
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.464 ug/l

RT: 7.710 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

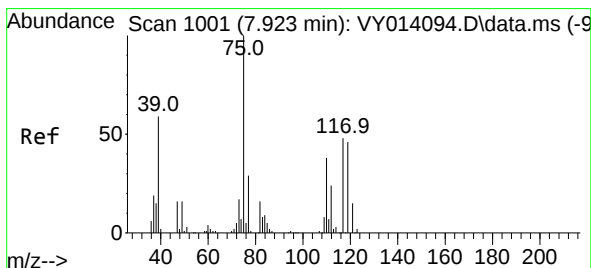
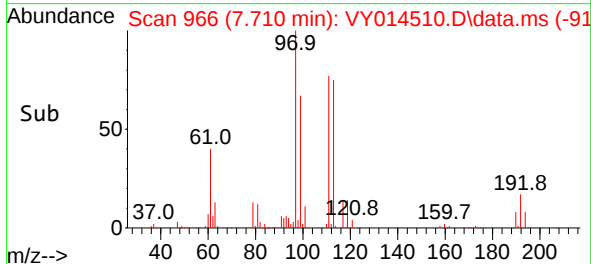
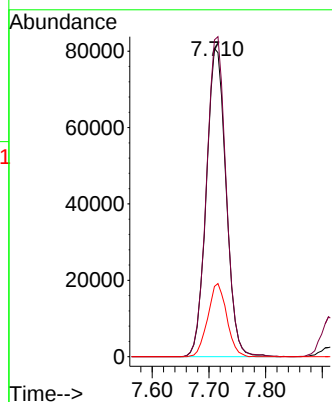
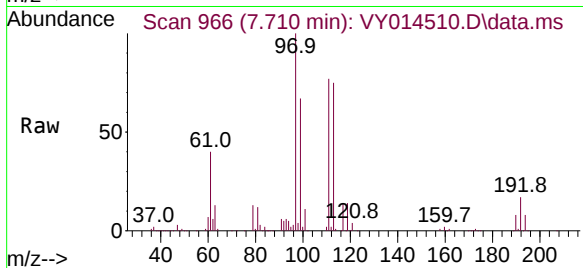
Tgt Ion:113 Resp: 195293

Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 22.8 16.9 25.3



#36

1,1-Dichloropropene

Concen: 56.848 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.012 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

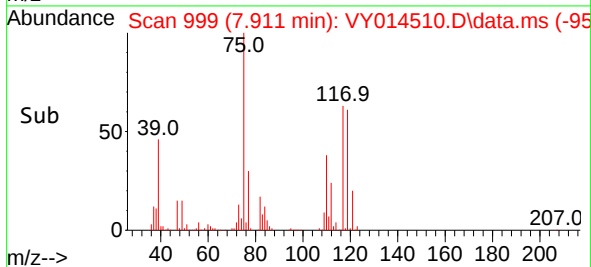
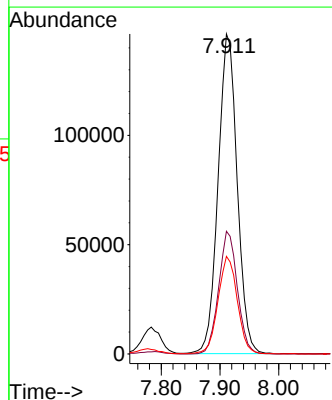
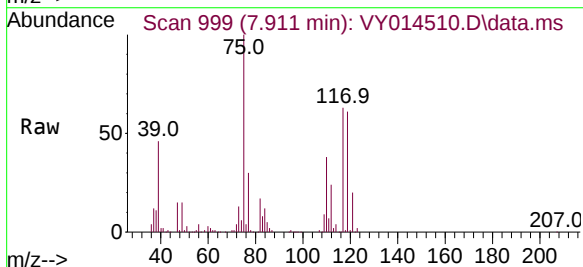
Tgt Ion: 75 Resp: 330360

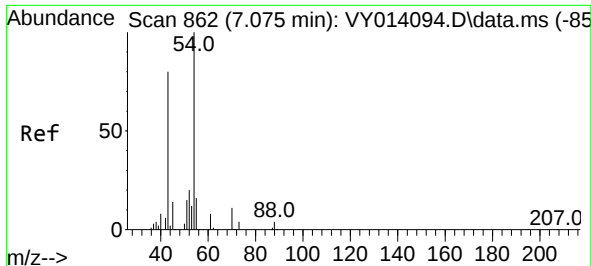
Ion Ratio Lower Upper

75 100

110 37.6 17.8 53.5

77 30.8 24.4 36.6

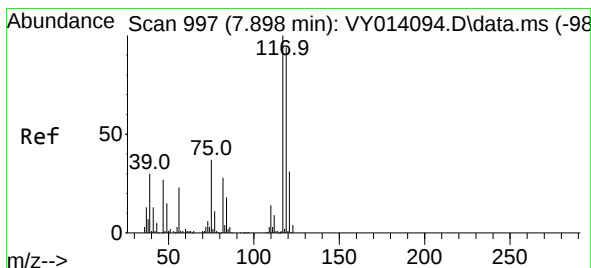
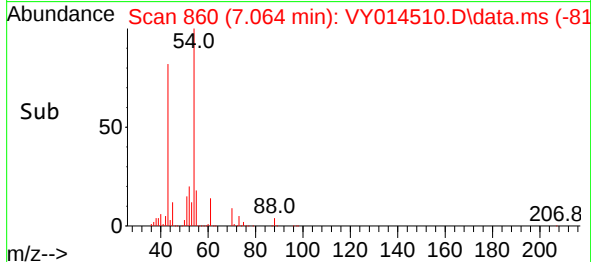
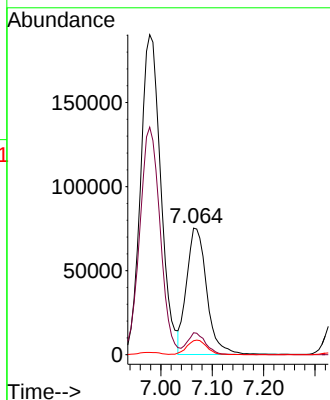
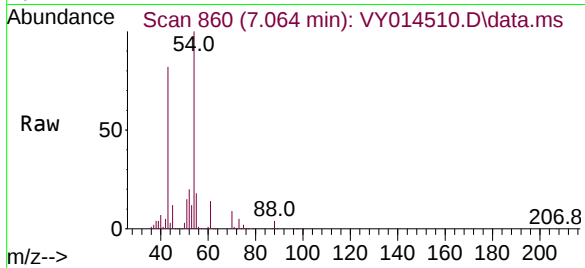




#37
Ethyl Acetate
Concen: 51.370 ug/l
RT: 7.064 min Scan# 860
Delta R.T. -0.011 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

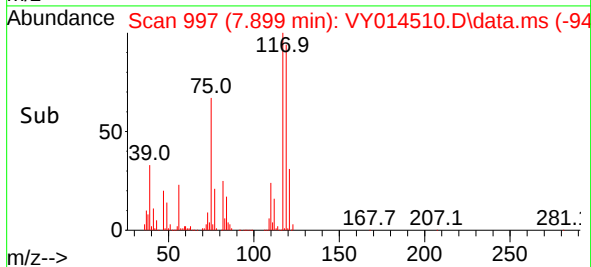
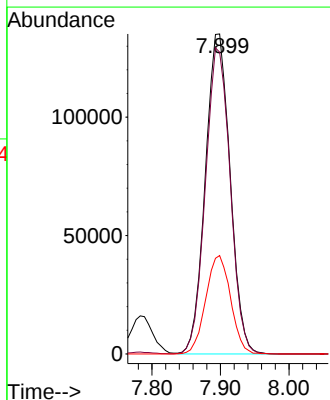
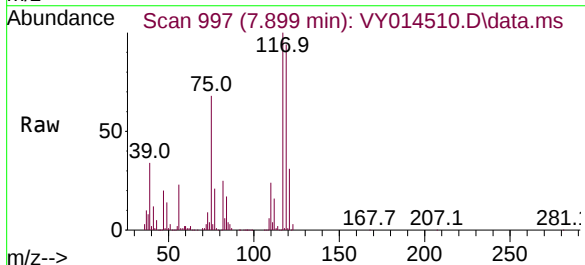
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

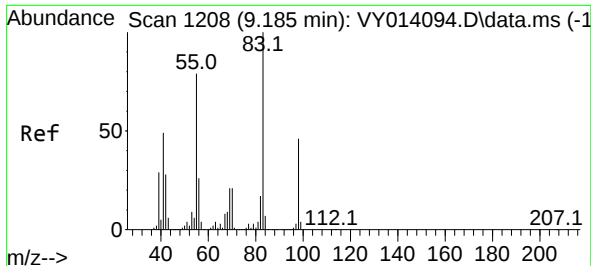
Tgt Ion: 43 Resp: 204727
Ion Ratio Lower Upper
43 100
61 15.4 10.1 15.1#
70 11.4 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 56.146 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.001 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

Tgt Ion: 117 Resp: 340603
Ion Ratio Lower Upper
117 100
119 94.3 76.4 114.6
121 30.7 25.8 38.6





#39

Methylcyclohexane

Concen: 58.375 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

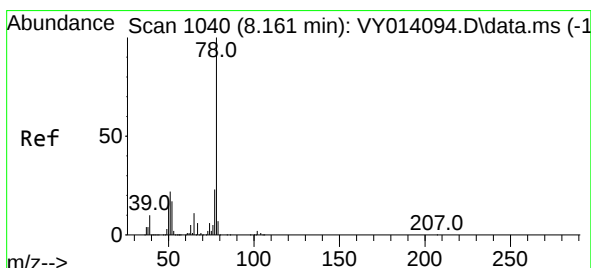
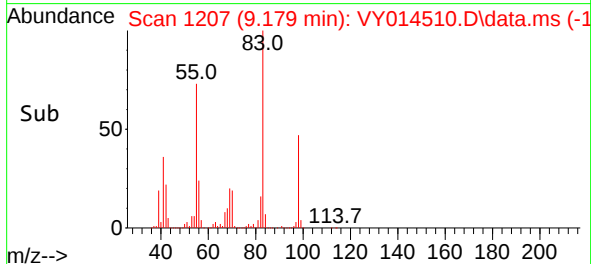
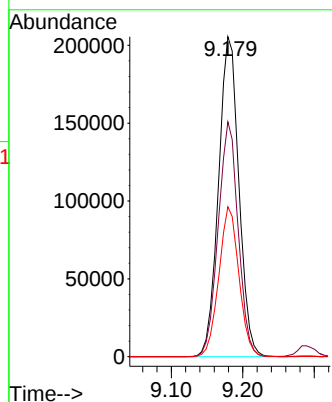
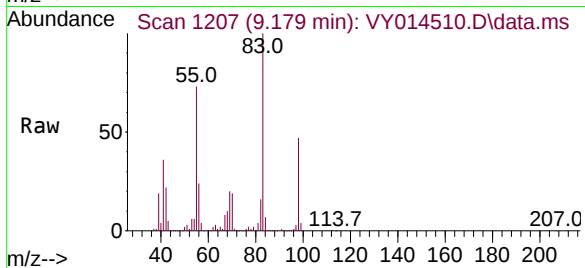
Tgt Ion: 83 Resp: 405483

Ion Ratio Lower Upper

83 100

55 73.4 63.0 94.4

98 46.9 37.4 56.2



#40

Benzene

Concen: 55.594 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY014510.D

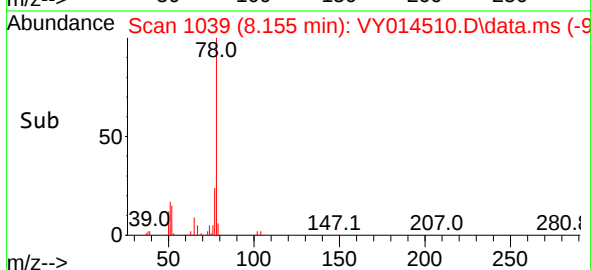
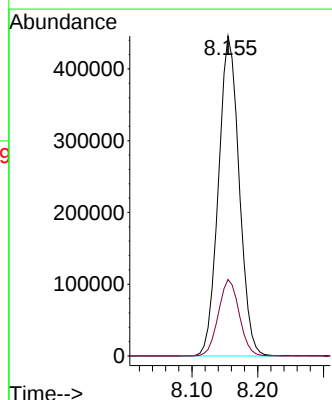
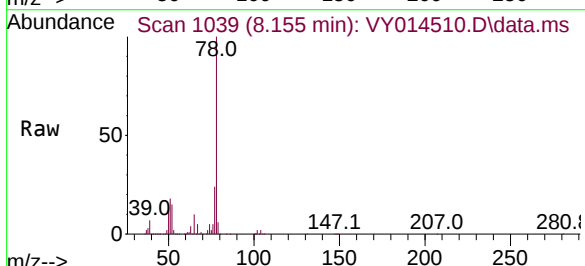
Acq: 30 Jun 2023 11:59

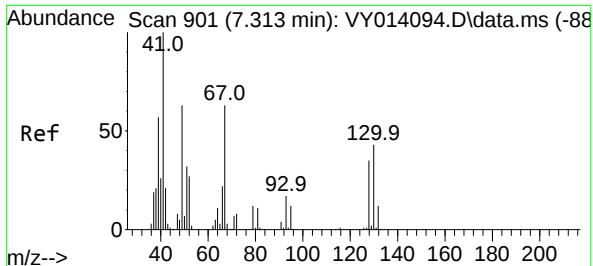
Tgt Ion: 78 Resp: 977947

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

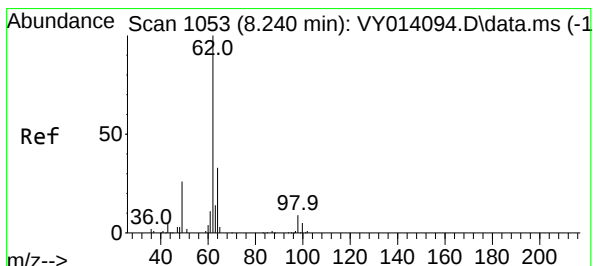
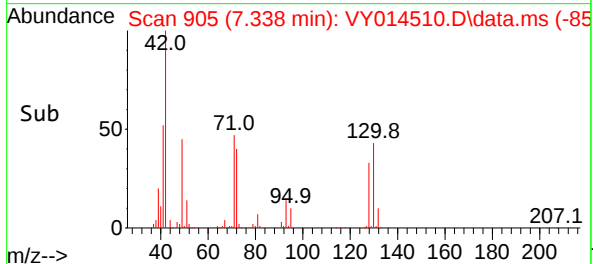
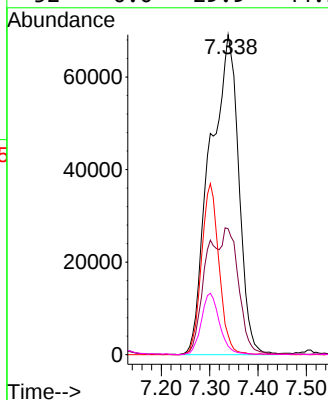
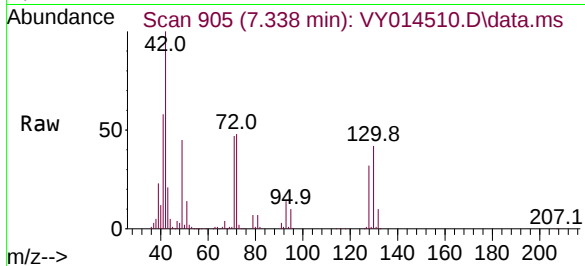




#41
Methacrylonitrile
Concen: 146.494 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.025 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

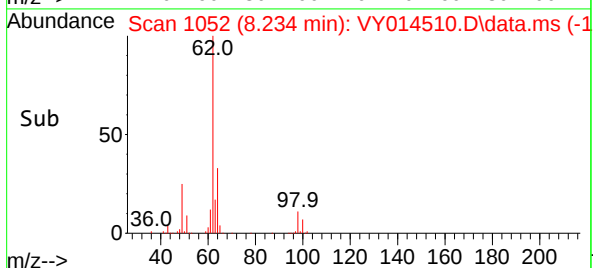
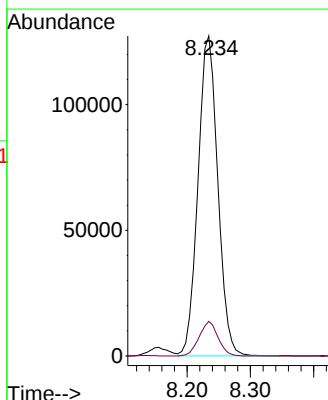
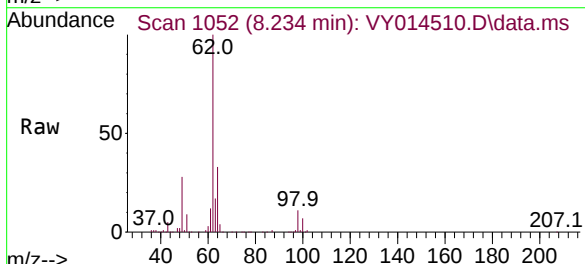
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

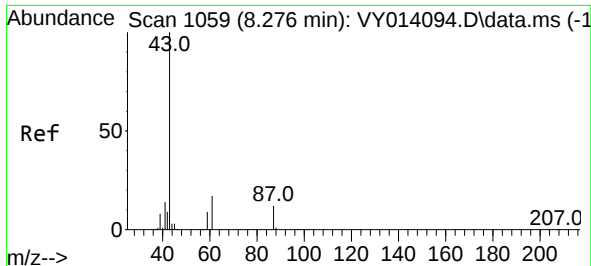
Tgt Ion: 41 Resp: 285223
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 53.642 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

Tgt Ion: 62 Resp: 277353
Ion Ratio Lower Upper
62 100
98 10.3 0.0 15.8





#43

Isopropyl Acetate

Concen: 52.615 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. -0.005 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

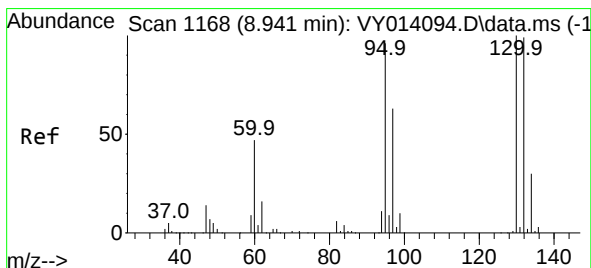
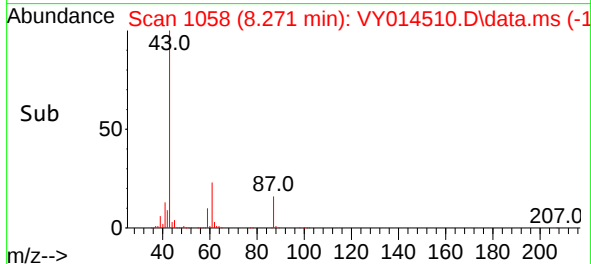
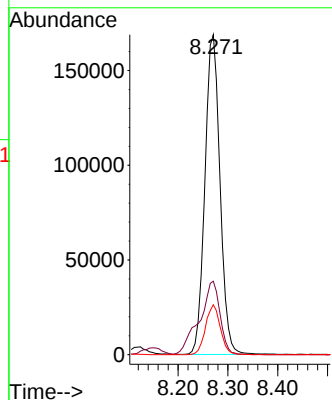
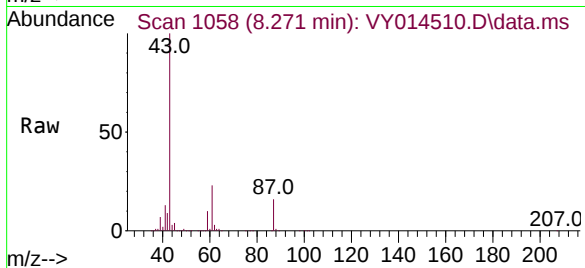
Tgt Ion: 43 Resp: 355357

Ion Ratio Lower Upper

43 100

61 31.4 21.1 31.7

87 15.3 9.8 14.8



#44

Trichloroethene

Concen: 54.977 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.006 min

Lab File: VY014510.D

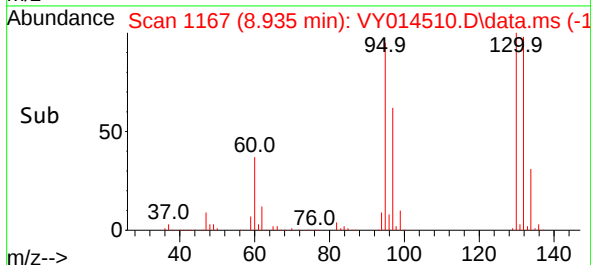
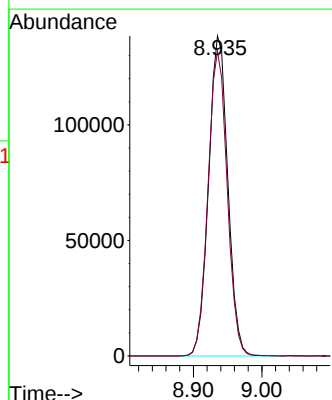
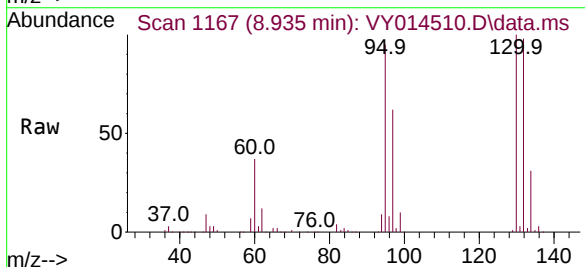
Acq: 30 Jun 2023 11:59

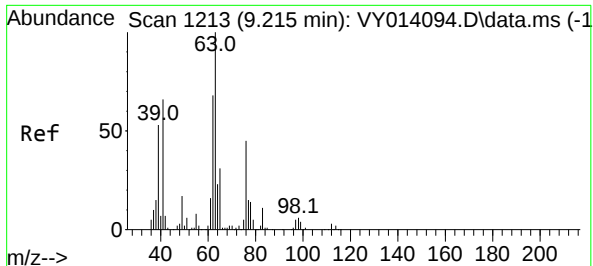
Tgt Ion:130 Resp: 269612

Ion Ratio Lower Upper

130 100

95 95.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 55.165 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

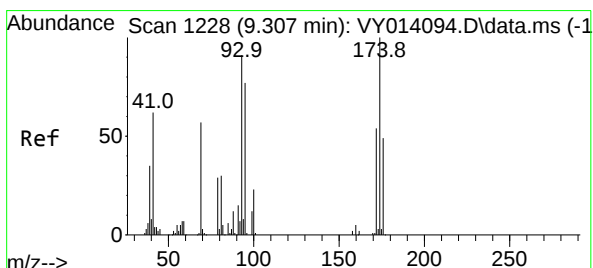
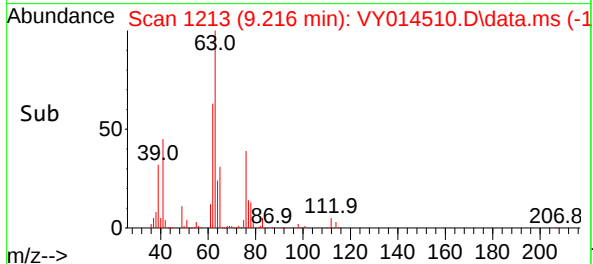
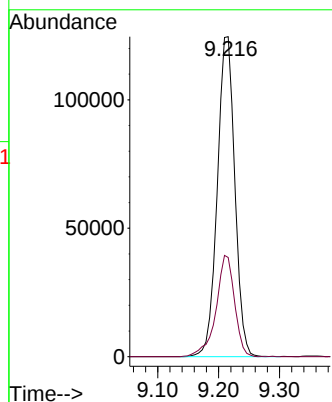
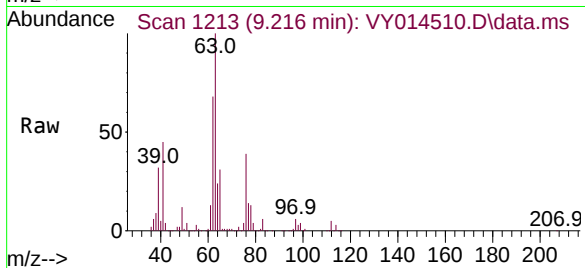
VSTDCCC050

Tgt Ion: 63 Resp: 248946

Ion Ratio Lower Upper

63 100

65 31.0 23.8 35.6



#46

Dibromomethane

Concen: 54.316 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

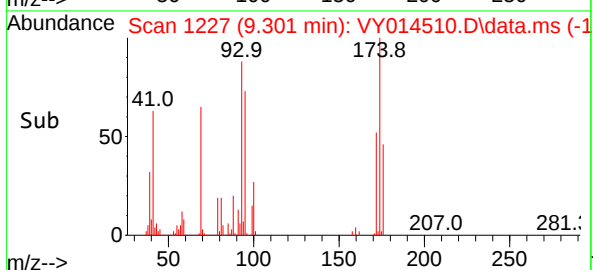
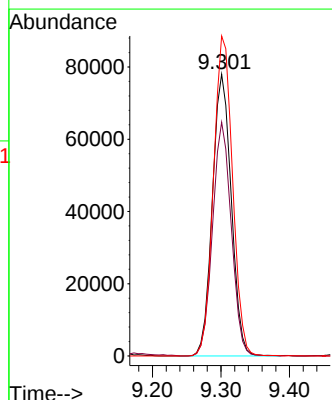
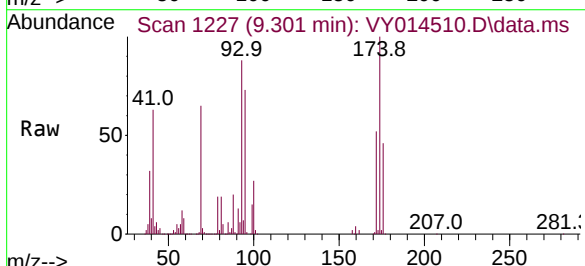
Tgt Ion: 93 Resp: 149220

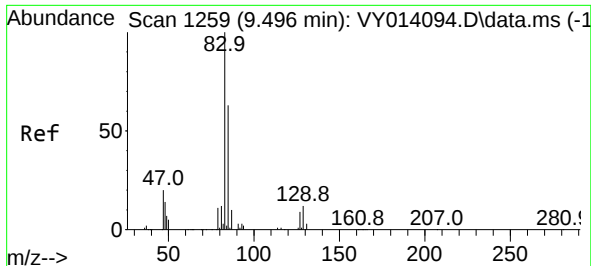
Ion Ratio Lower Upper

93 100

95 82.2 66.6 100.0

174 114.8 84.8 127.2

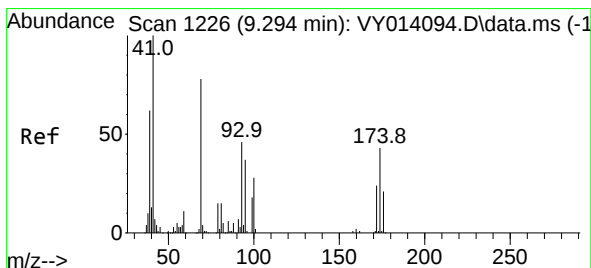
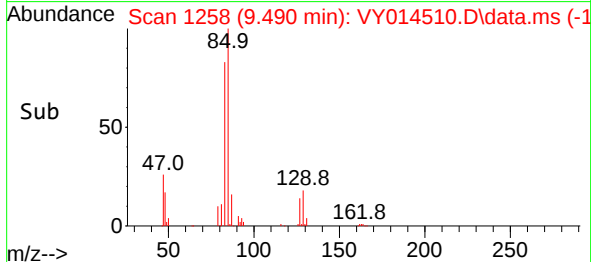
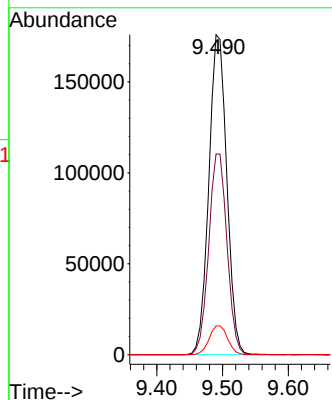
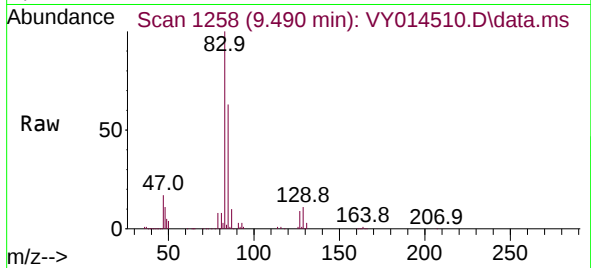




#47
Bromodichloromethane
Concen: 55.214 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

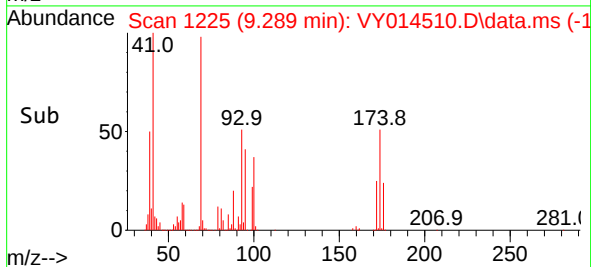
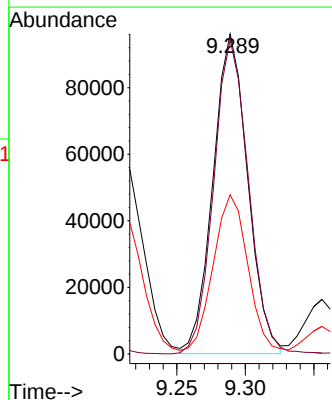
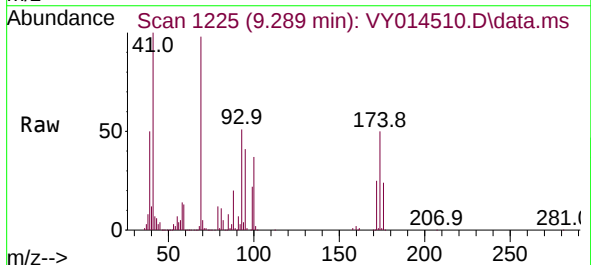
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

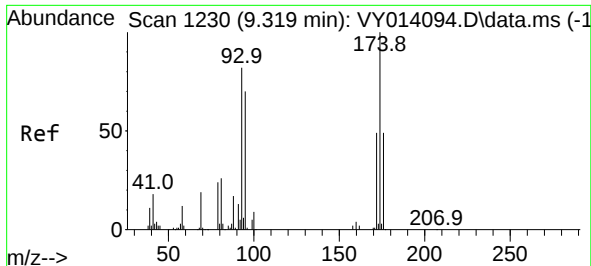
Tgt Ion: 83 Resp: 334220
Ion Ratio Lower Upper
83 100
85 62.8 50.1 75.1
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 55.050 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

Tgt Ion: 41 Resp: 169076
Ion Ratio Lower Upper
41 100
69 98.4 64.5 96.7#
39 48.2 50.8 76.2#





#49

1,4-Dioxane

Concen: 1046.261 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.024 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

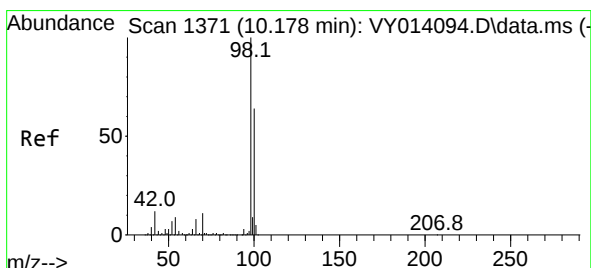
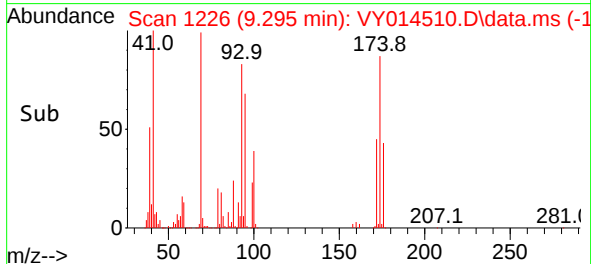
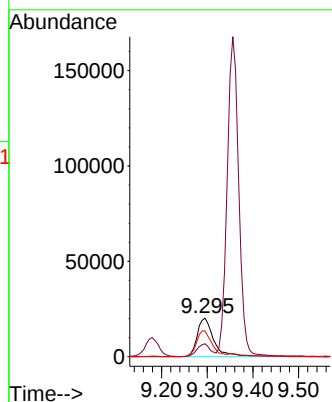
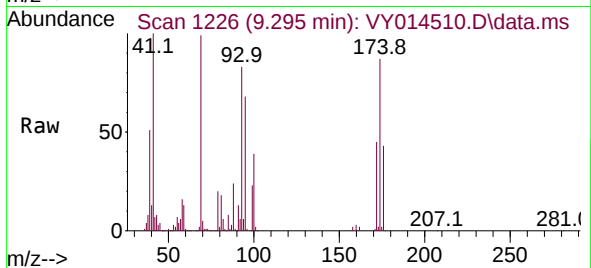
Tgt Ion: 88 Resp: 51327

Ion Ratio Lower Upper

88 100

43 26.7 0.0 0.0#

58 62.1 30.9 46.3#



#50

Toluene-d8

Concen: 51.244 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014510.D

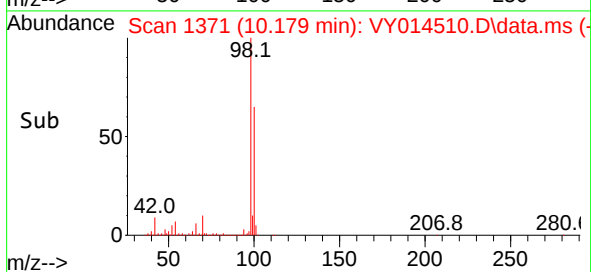
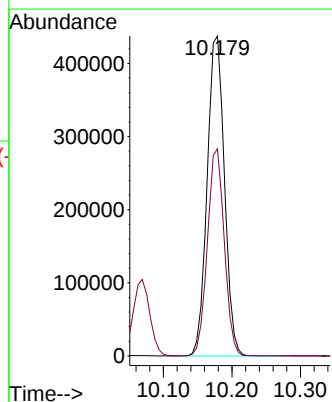
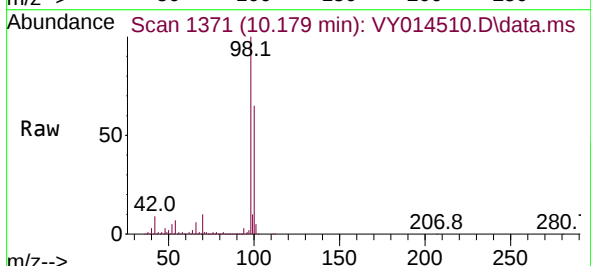
Acq: 30 Jun 2023 11:59

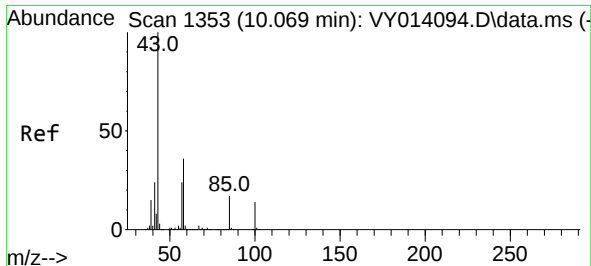
Tgt Ion: 98 Resp: 768708

Ion Ratio Lower Upper

98 100

100 63.4 50.1 75.1

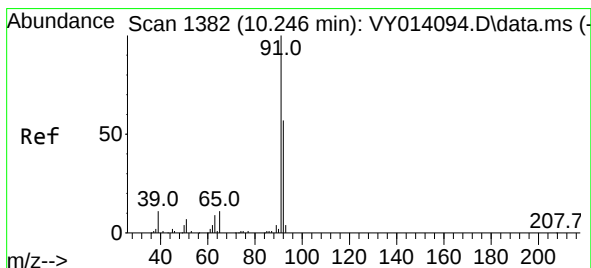
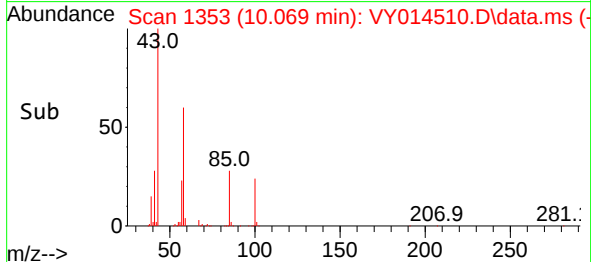
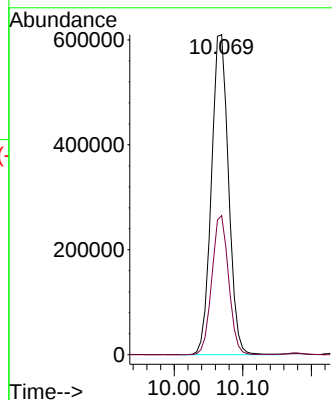
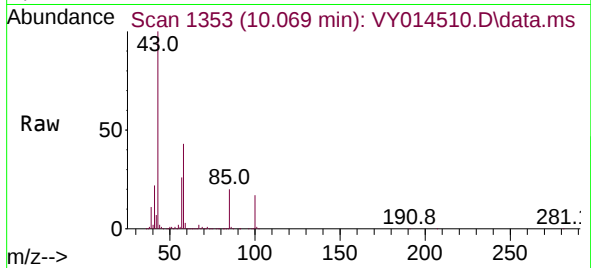




#51
4-Methyl-2-Pentanone
Concen: 264.317 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

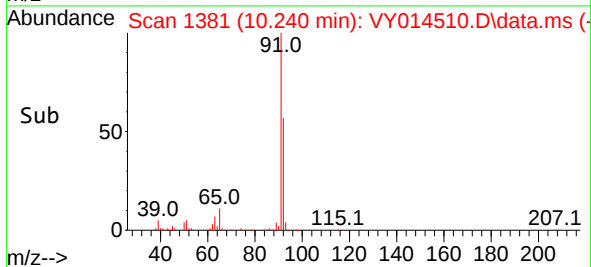
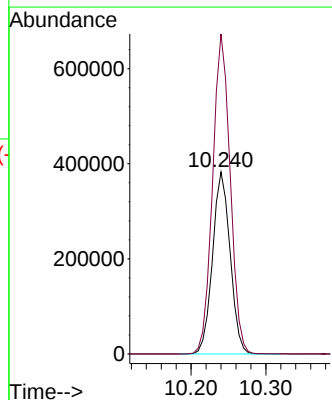
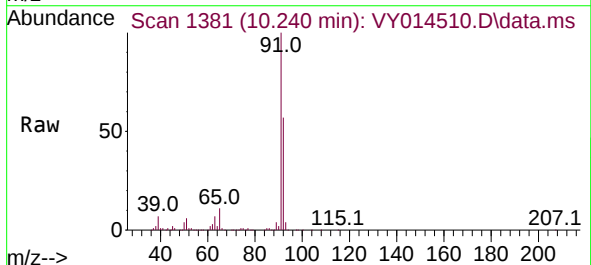
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

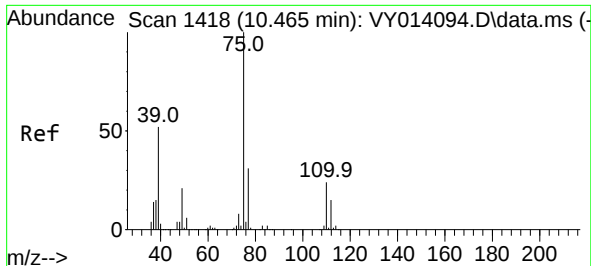
Tgt Ion: 43 Resp: 1056861
Ion Ratio Lower Upper
43 100
58 42.6 29.0 43.6



#52
Toluene
Concen: 56.438 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

Tgt Ion: 92 Resp: 624760
Ion Ratio Lower Upper
92 100
91 176.2 143.8 215.6

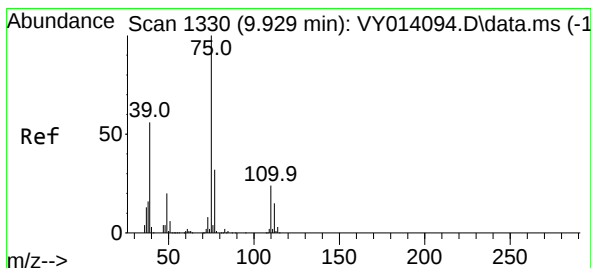
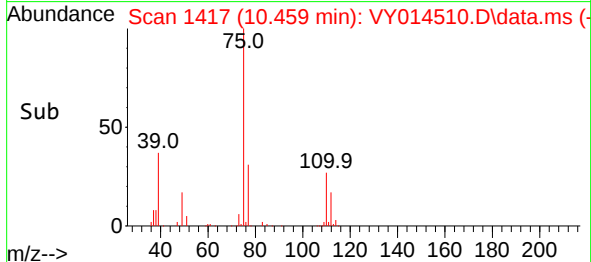
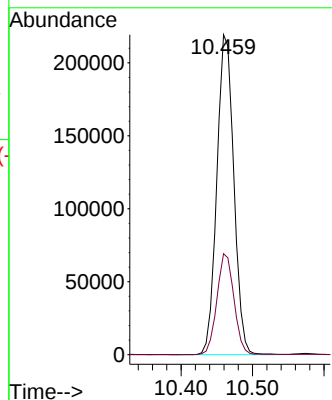
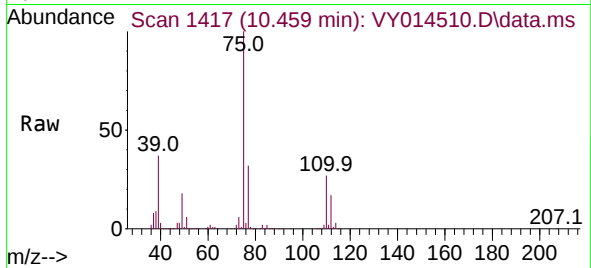




#53
t-1,3-Dichloropropene
Concen: 55.859 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

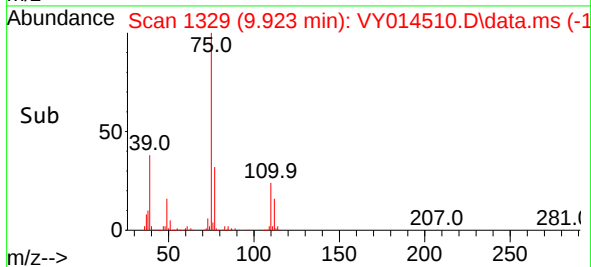
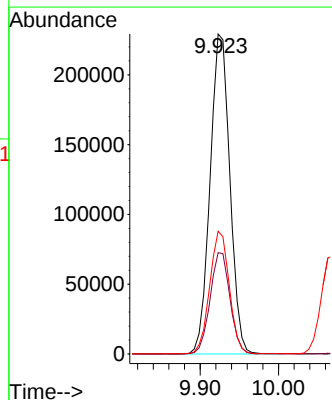
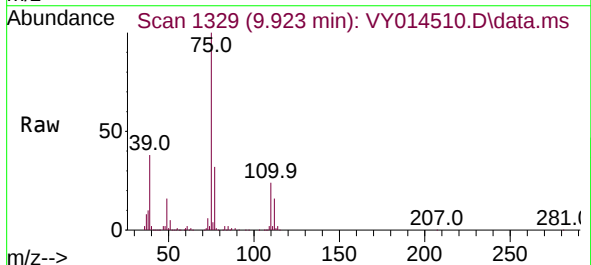
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

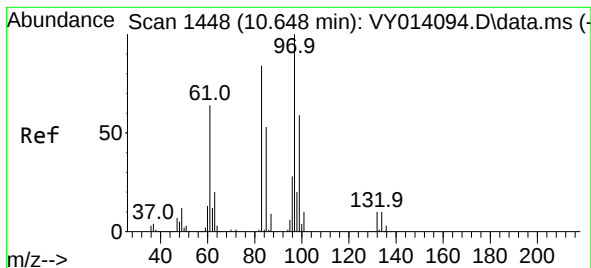
Tgt Ion: 75 Resp: 361580
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 55.691 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

Tgt Ion: 75 Resp: 402217
Ion Ratio Lower Upper
75 100
77 31.6 24.2 36.4
39 38.3 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 54.004 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 215881

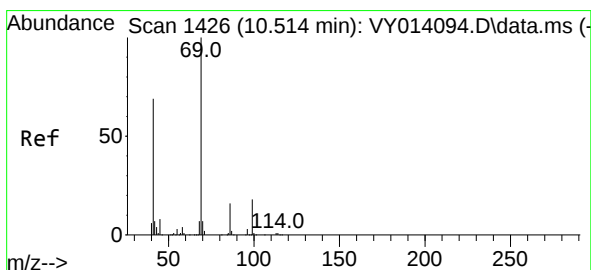
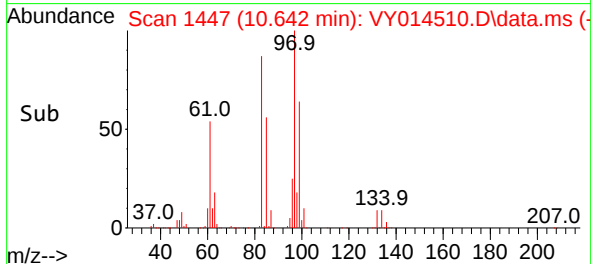
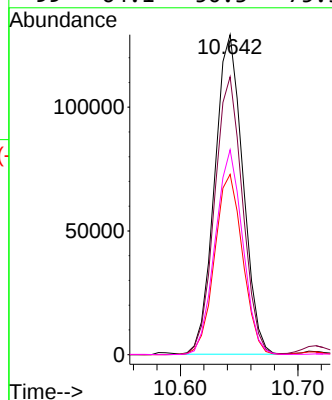
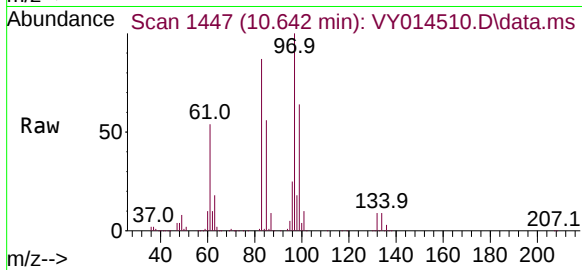
Ion Ratio Lower Upper

97 100

83 86.9 72.0 108.0

85 56.3 45.4 68.0

99 64.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 55.208 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

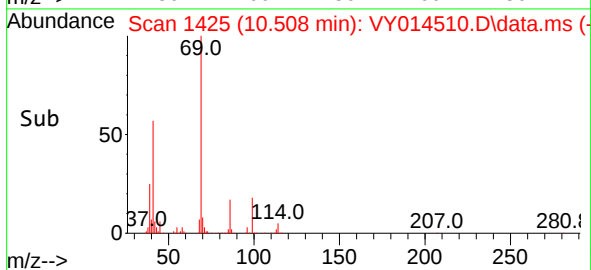
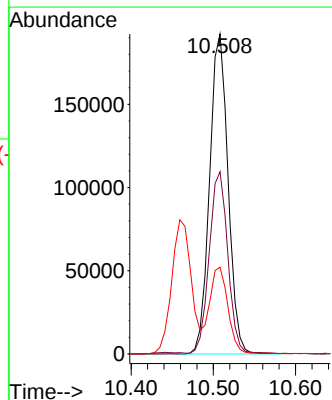
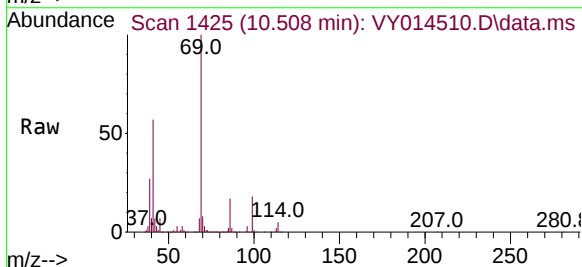
Tgt Ion: 69 Resp: 300214

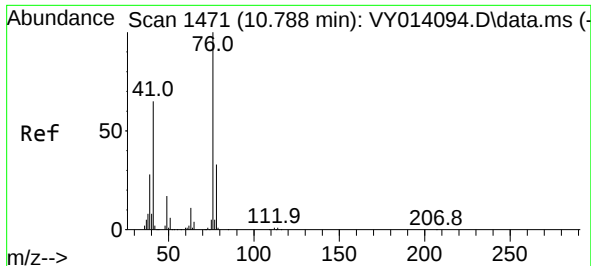
Ion Ratio Lower Upper

69 100

41 57.0 57.6 86.4#

39 27.4 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 54.220 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

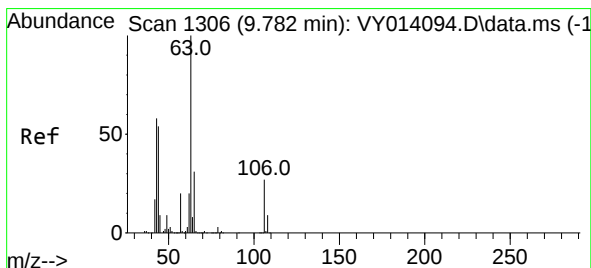
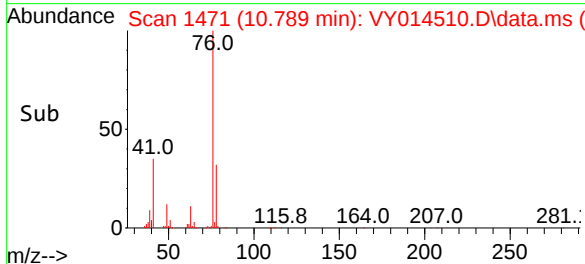
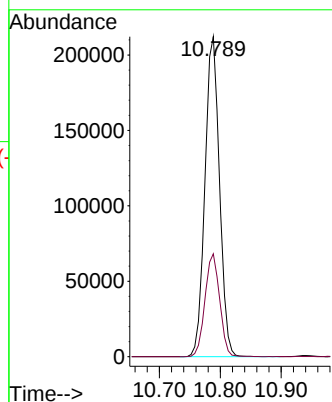
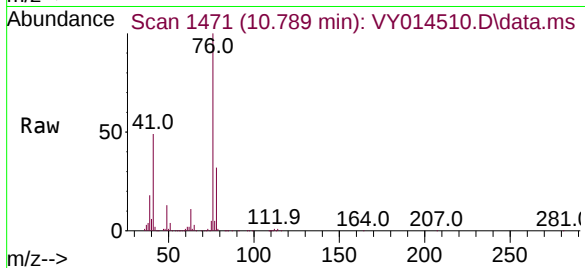
VSTDCCC050

Tgt Ion: 76 Resp: 353162

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 252.310 ug/l

RT: 9.777 min Scan# 1305

Delta R.T. -0.005 min

Lab File: VY014510.D

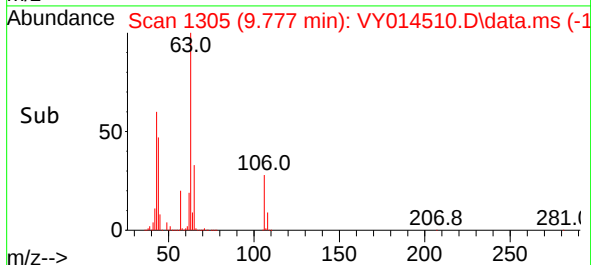
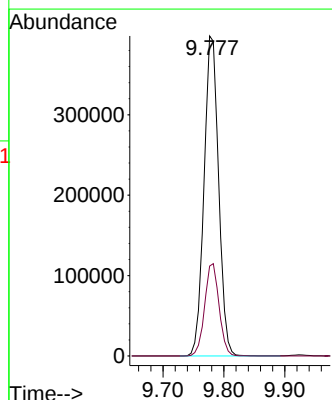
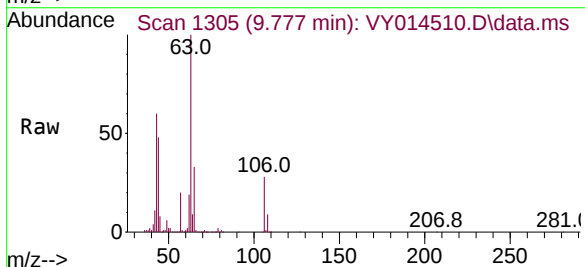
Acq: 30 Jun 2023 11:59

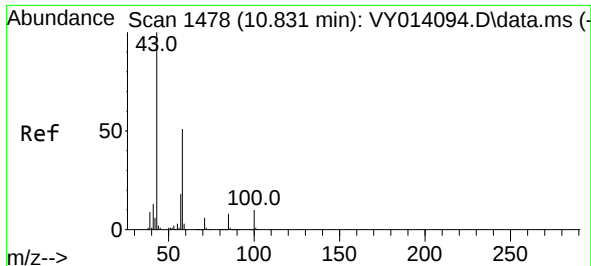
Tgt Ion: 63 Resp: 664679

Ion Ratio Lower Upper

63 100

106 28.5 21.2 31.8

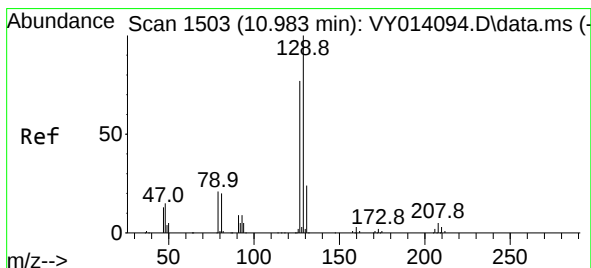
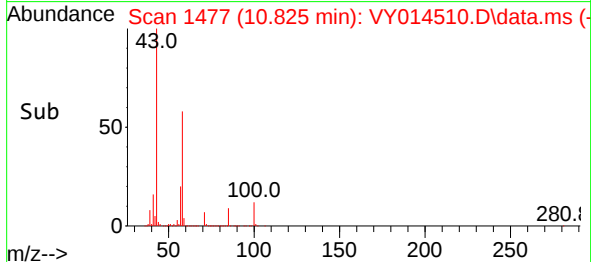
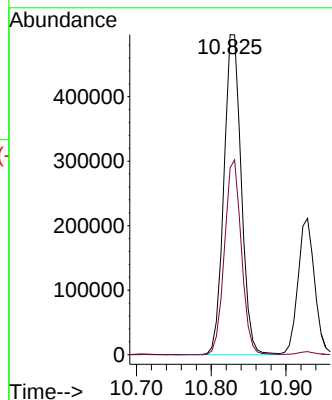
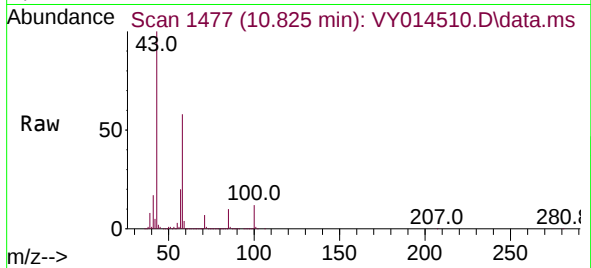




#59
2-Hexanone
Concen: 278.179 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

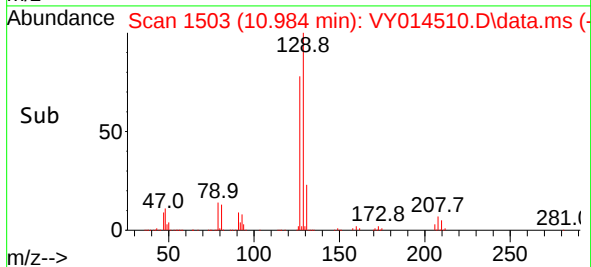
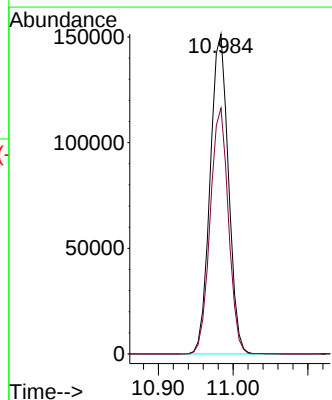
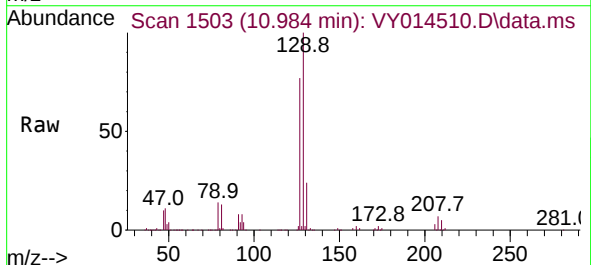
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

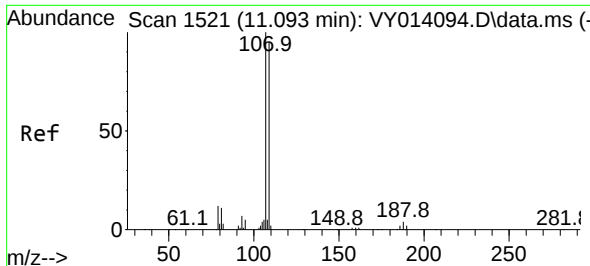
Tgt Ion: 43 Resp: 803474
Ion Ratio Lower Upper
43 100
58 59.3 25.1 75.3



#60
Dibromochloromethane
Concen: 54.829 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

Tgt Ion:129 Resp: 256825
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5

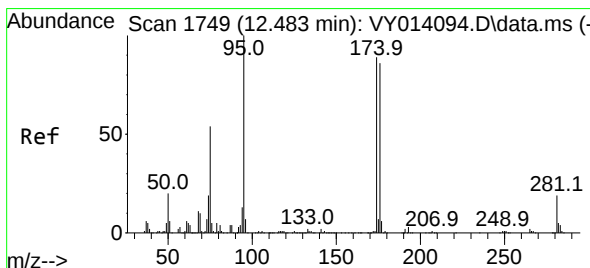
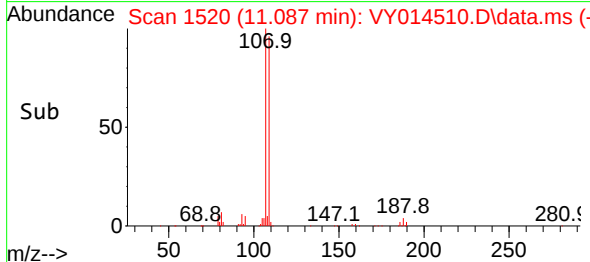
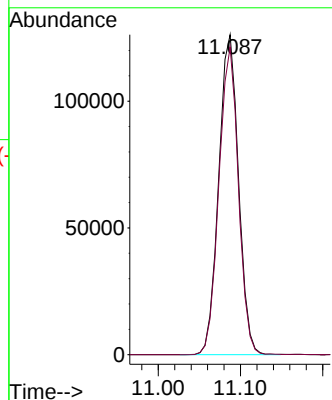
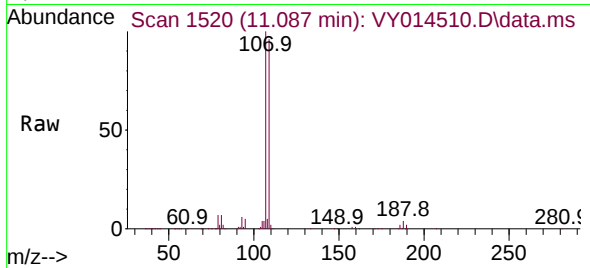




#61
1,2-Dibromoethane
Concen: 54.033 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

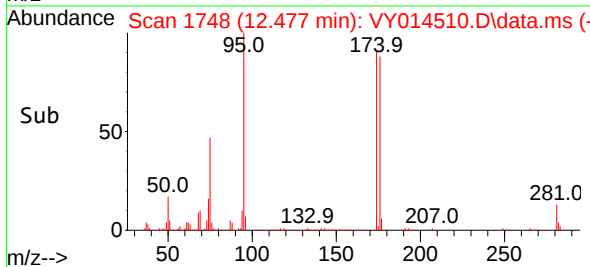
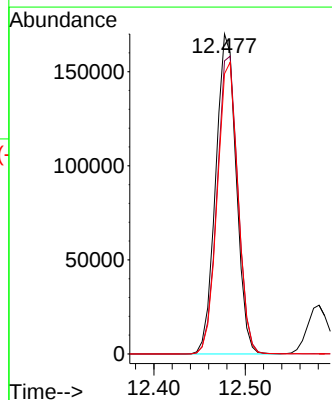
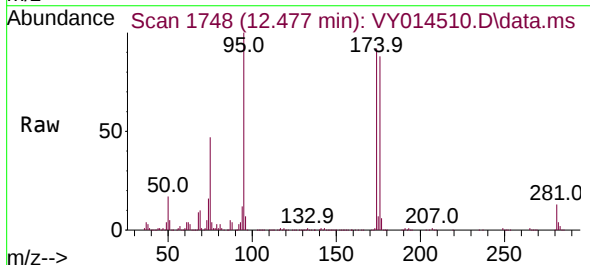
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

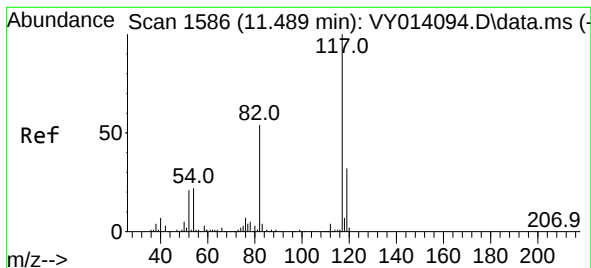
Tgt Ion:107 Resp: 210876
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.975 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

Tgt Ion: 95 Resp: 265527
Ion Ratio Lower Upper
95 100
174 94.5 0.0 178.2
176 91.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

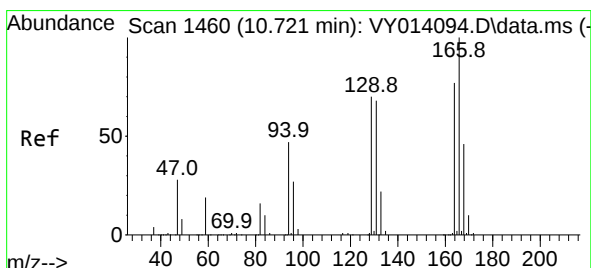
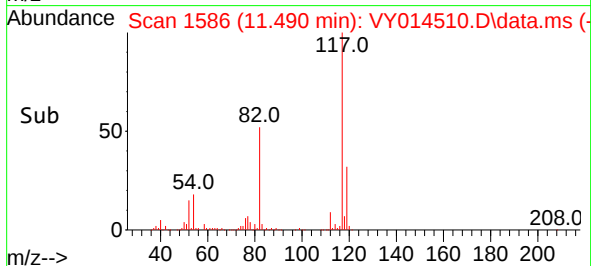
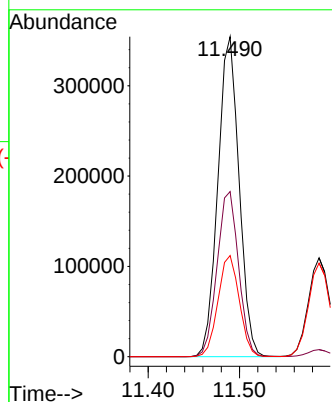
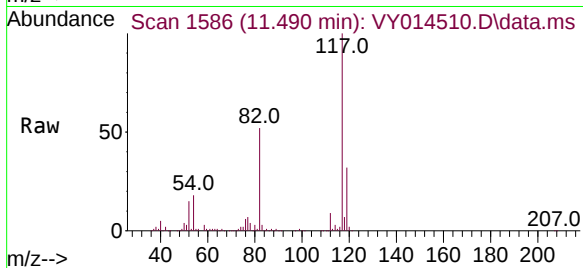
Tgt Ion:117 Resp: 572221

Ion Ratio Lower Upper

117 100

82 51.6 43.4 65.0

119 31.6 26.3 39.5



#64

Tetrachloroethene

Concen: 54.653 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

Tgt Ion:164 Resp: 279567

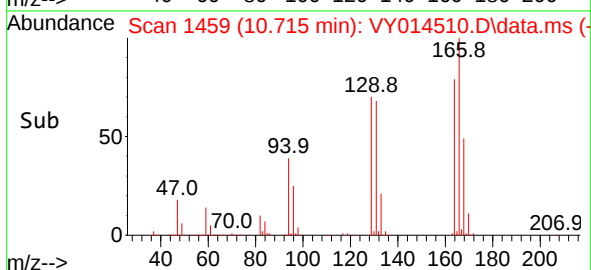
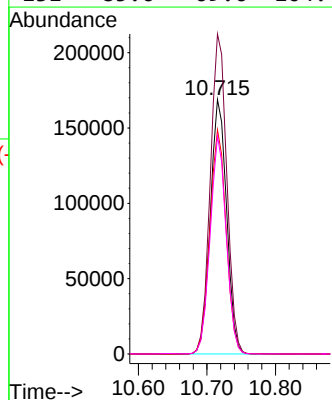
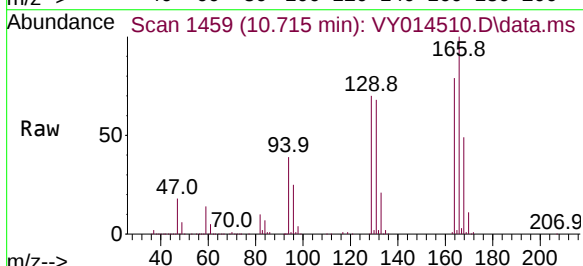
Ion Ratio Lower Upper

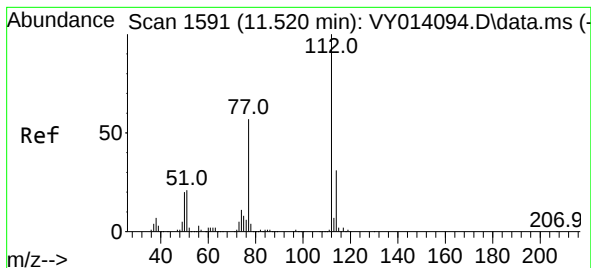
164 100

166 125.8 103.0 154.6

129 88.1 77.2 115.8

131 85.6 69.6 104.4





#65

Chlorobenzene

Concen: 55.188 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

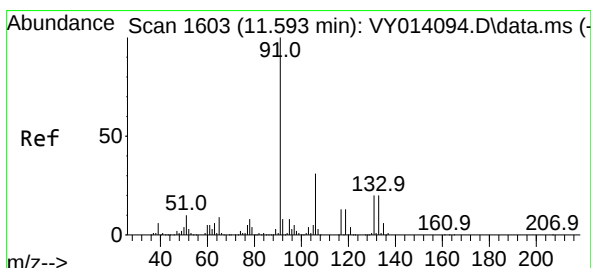
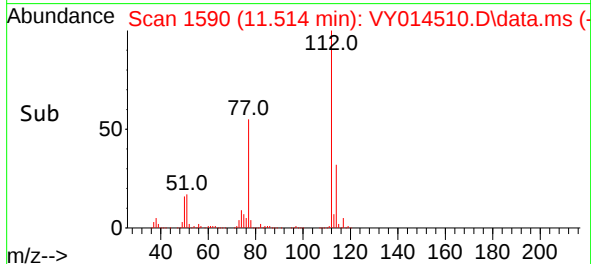
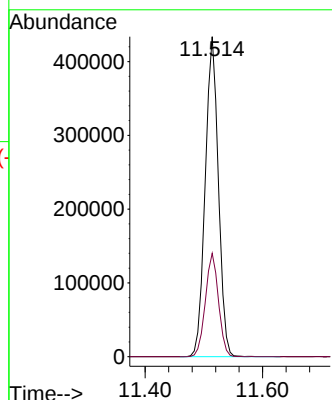
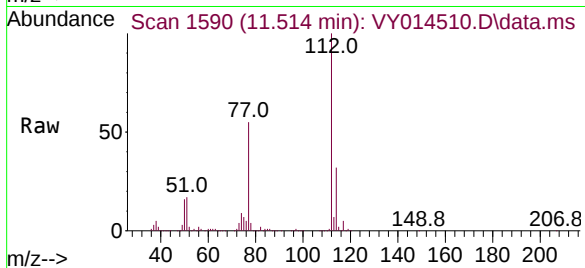
VSTDCCC050

Tgt Ion:112 Resp: 672997

Ion Ratio Lower Upper

112 100

114 32.3 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 54.954 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

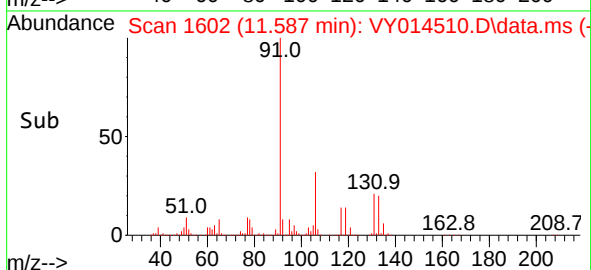
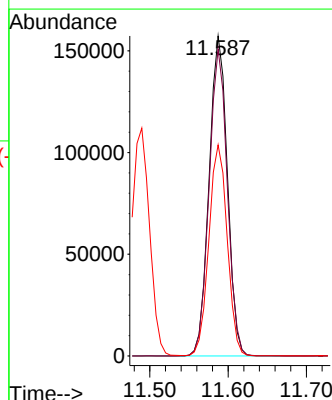
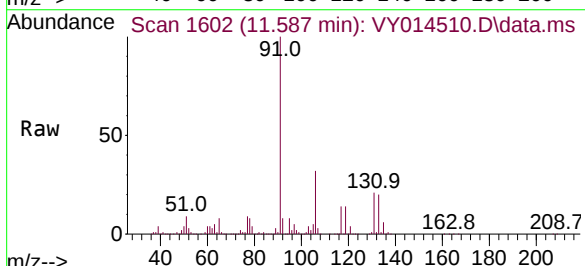
Tgt Ion:131 Resp: 254705

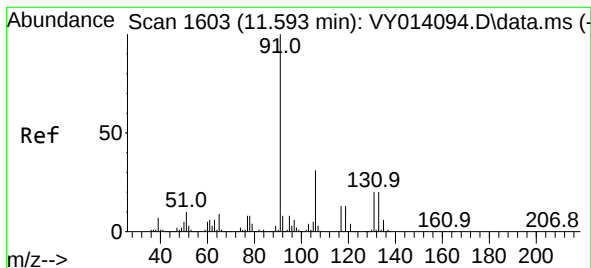
Ion Ratio Lower Upper

131 100

133 95.7 47.5 142.6

119 66.2 31.6 94.7





#67

Ethyl Benzene

Concen: 57.785 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

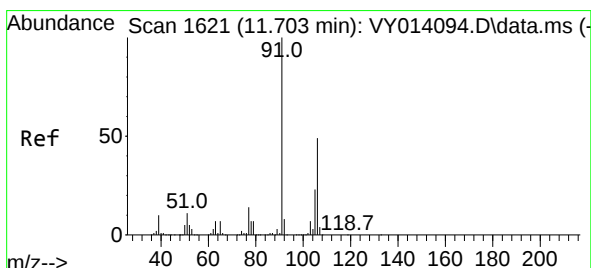
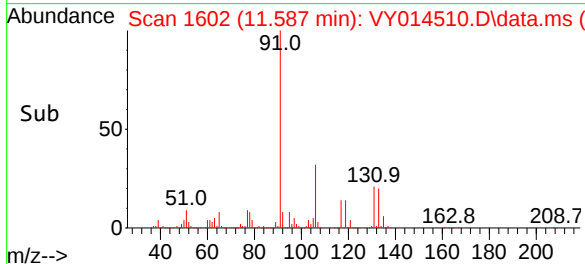
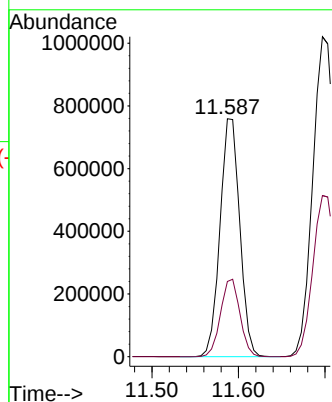
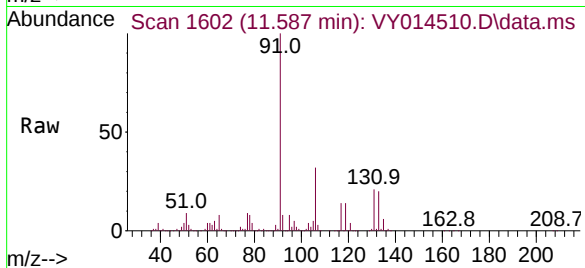
VSTDCCC050

Tgt Ion: 91 Resp: 1201664

Ion Ratio Lower Upper

91 100

106 31.6 24.6 36.8



#68

m/p-Xylenes

Concen: 115.557 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY014510.D

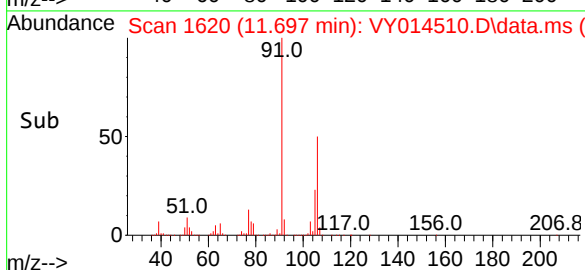
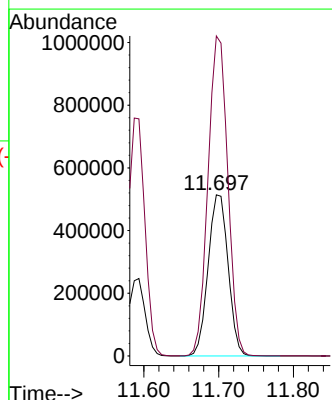
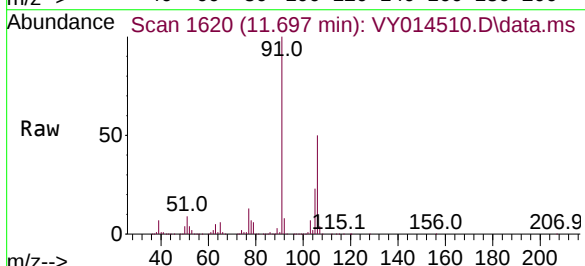
Acq: 30 Jun 2023 11:59

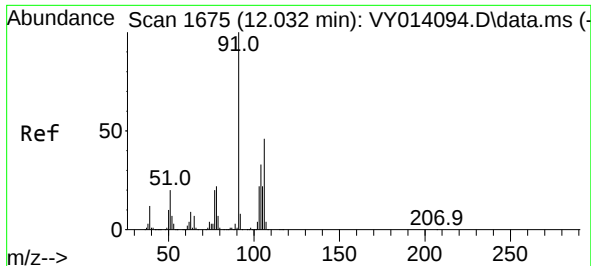
Tgt Ion:106 Resp: 953209

Ion Ratio Lower Upper

106 100

91 196.5 166.1 249.1

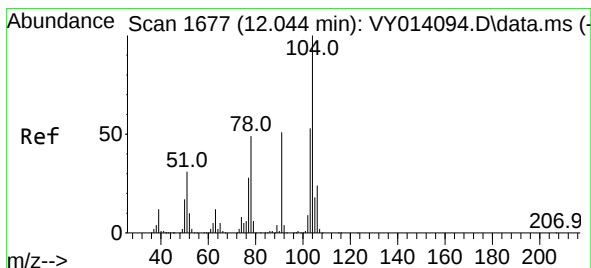
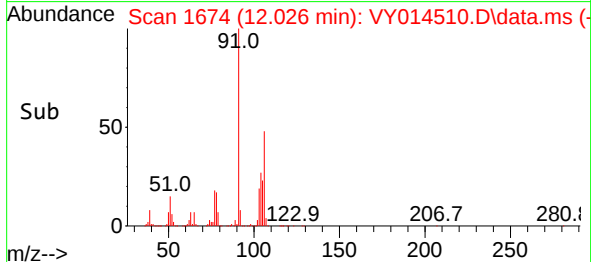
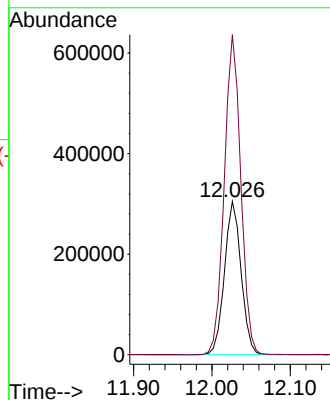
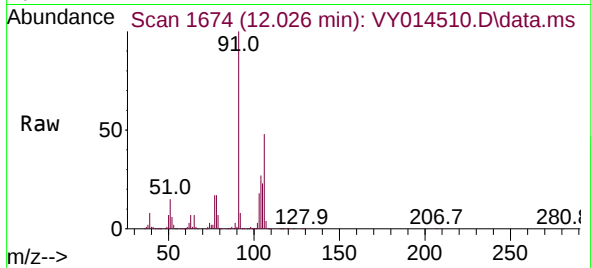




#69
o-Xylene
Concen: 57.589 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

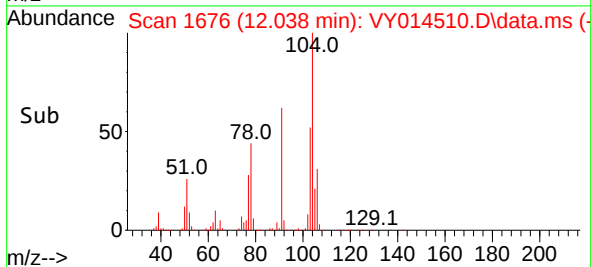
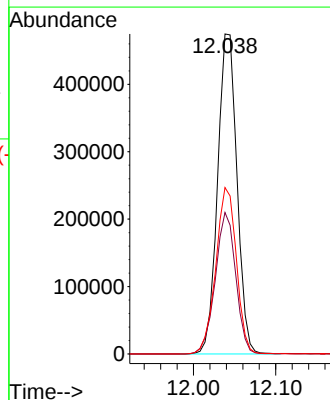
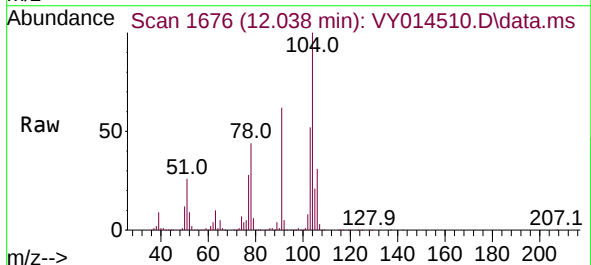
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

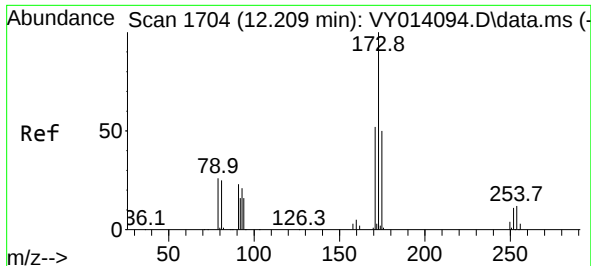
Tgt Ion:106 Resp: 450558
Ion Ratio Lower Upper
106 100
91 207.9 108.1 324.3



#70
Styrene
Concen: 57.789 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

Tgt Ion:104 Resp: 777870
Ion Ratio Lower Upper
104 100
78 46.6 41.5 62.3
103 55.3 44.6 67.0

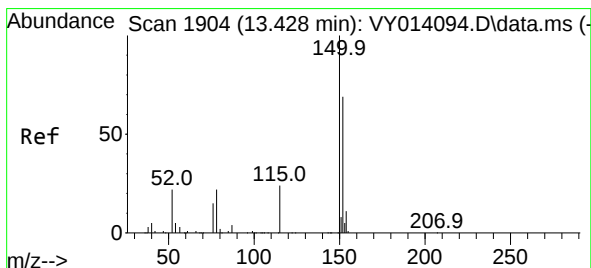
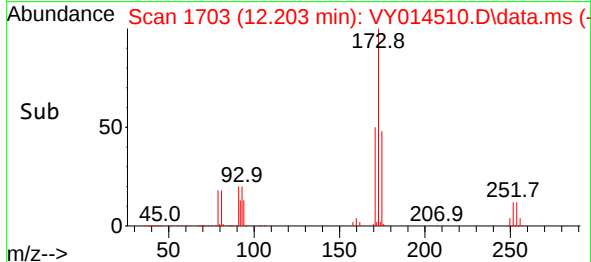
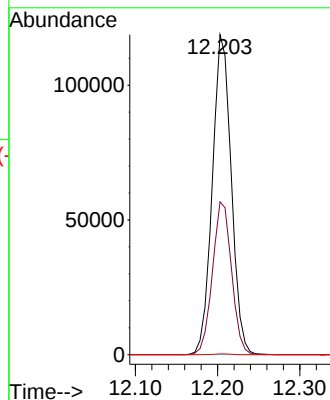
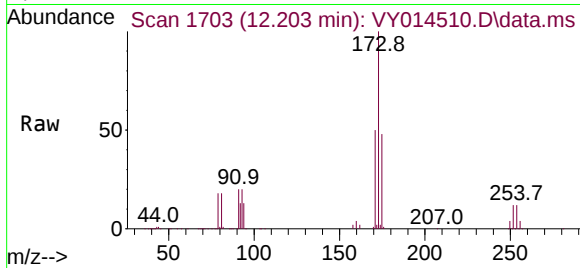




#71
Bromoform
Concen: 53.912 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

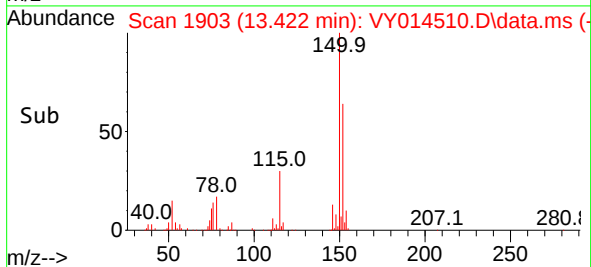
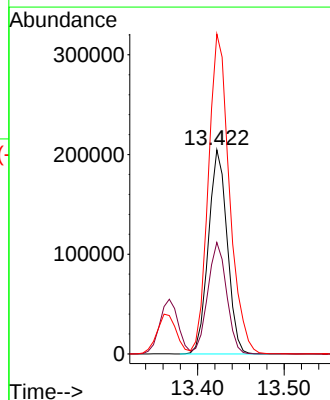
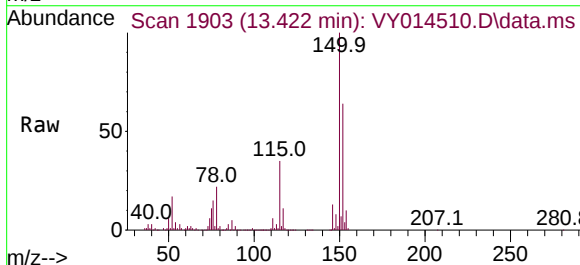
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

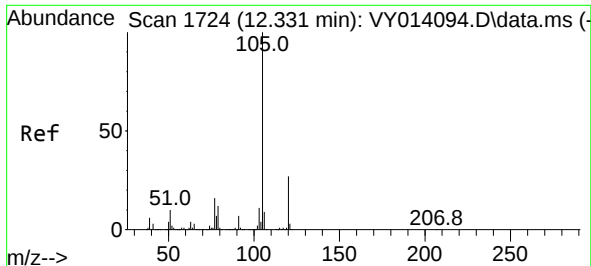
Tgt Ion:173 Resp: 189833
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.8
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

Tgt Ion:152 Resp: 308600
Ion Ratio Lower Upper
152 100
115 54.5 28.8 86.5
150 175.6 0.0 348.8

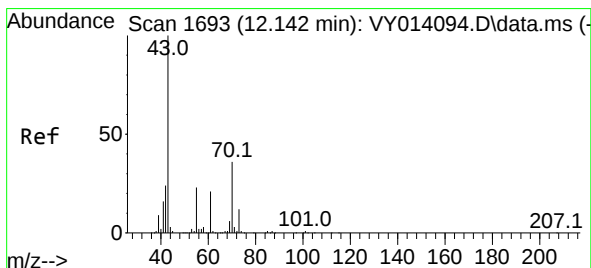
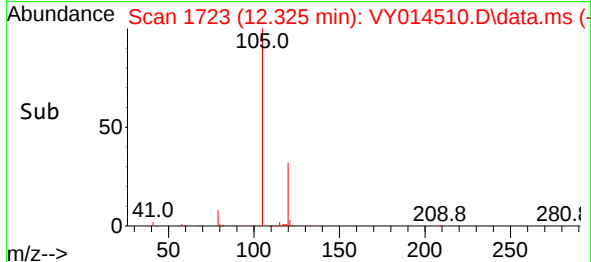
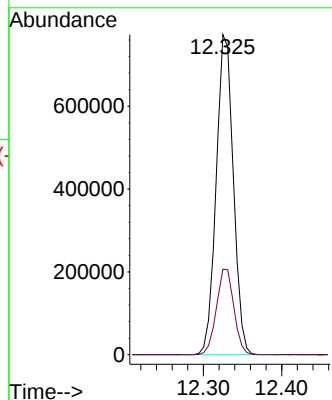
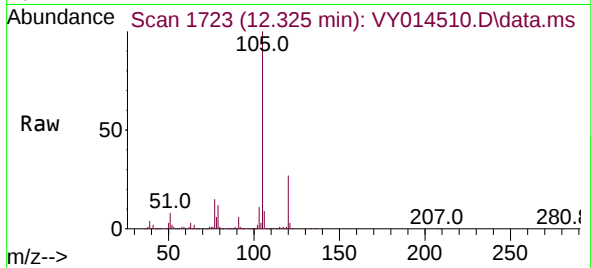




#73
Isopropylbenzene
Concen: 58.225 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

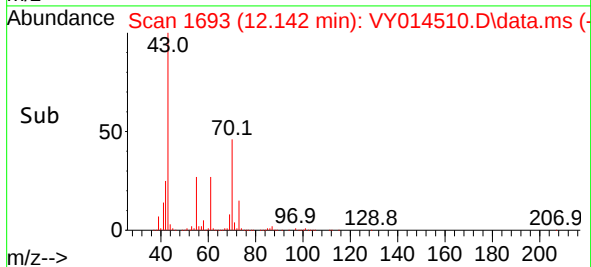
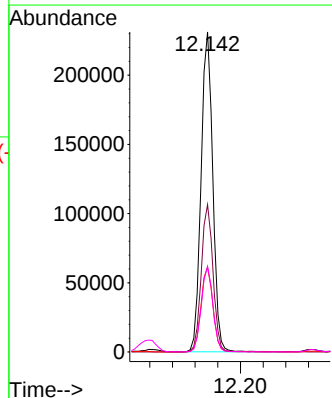
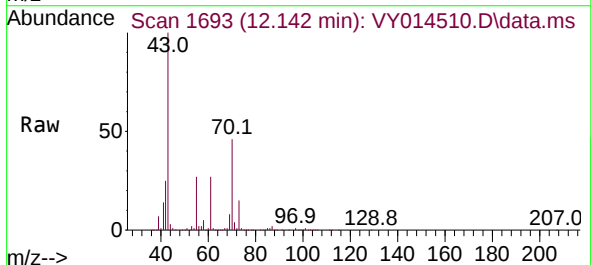
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

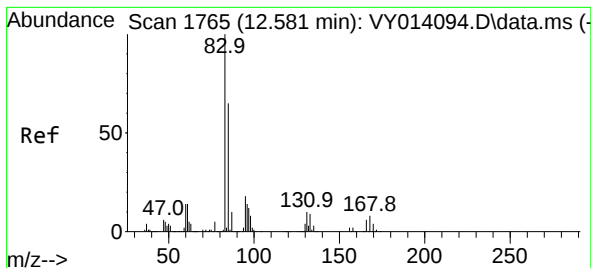
Tgt Ion:105 Resp: 1176794
Ion Ratio Lower Upper
105 100
120 27.2 13.3 39.9



#74
N-ethyl acetate
Concen: 54.295 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

Tgt Ion: 43 Resp: 331193
Ion Ratio Lower Upper
43 100
70 46.1 29.7 44.5#
55 27.0 18.3 27.5
61 26.5 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 52.809 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

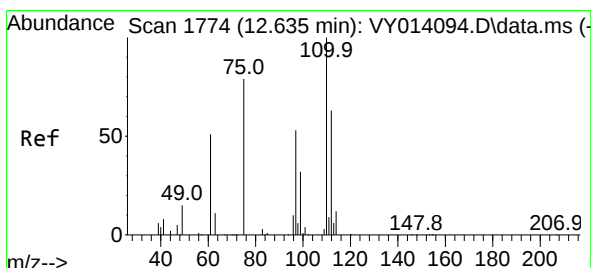
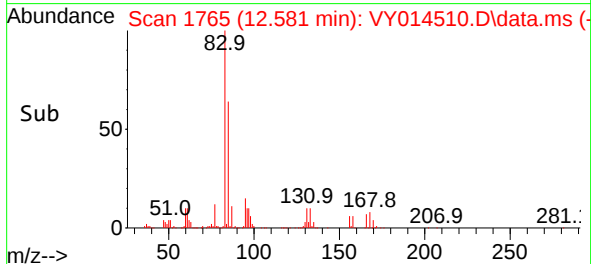
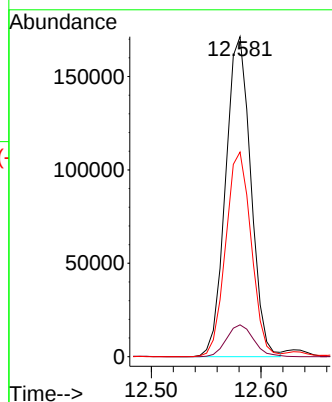
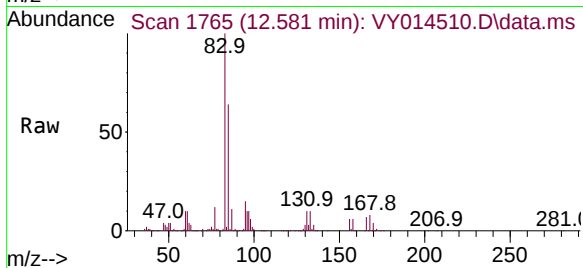
Tgt Ion: 83 Resp: 273897

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

85 64.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 97.773 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.005 min

Lab File: VY014510.D

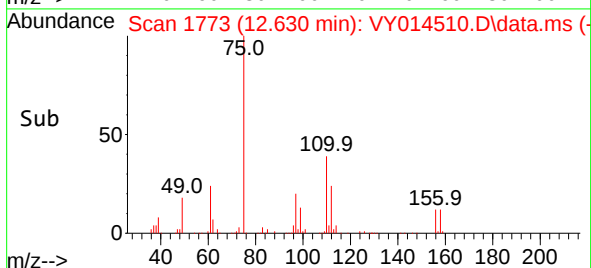
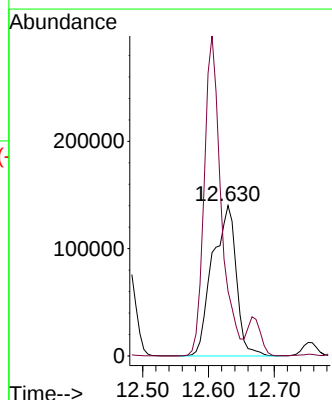
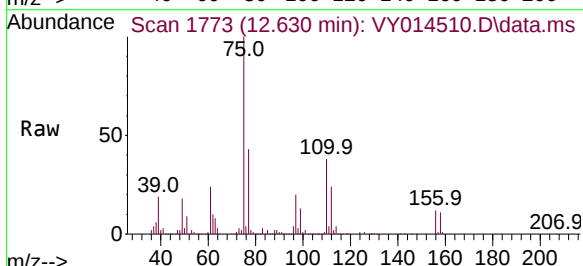
Acq: 30 Jun 2023 11:59

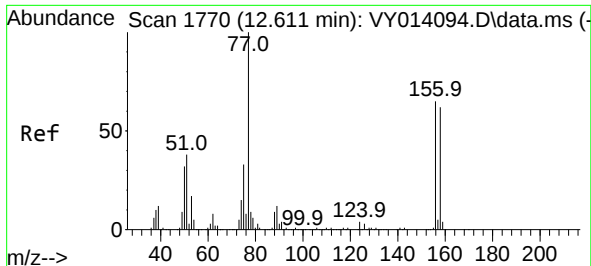
Tgt Ion: 75 Resp: 354065

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

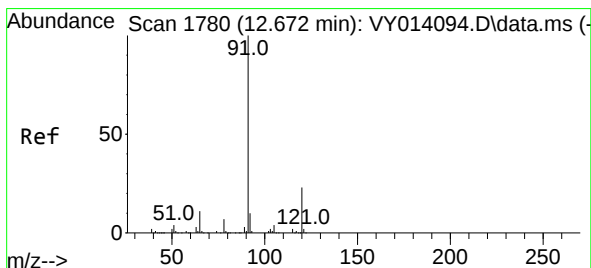
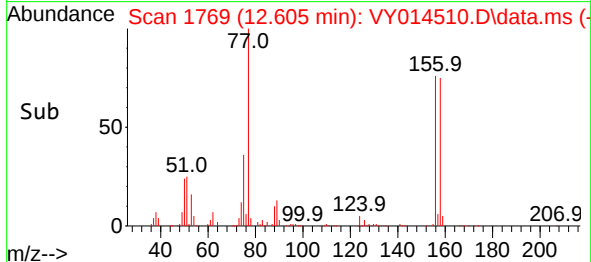
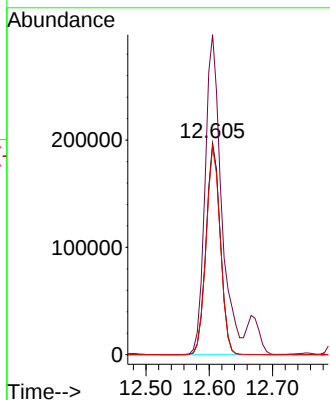
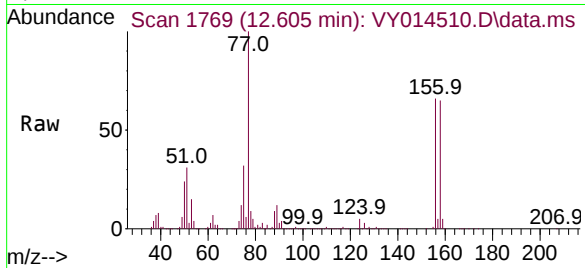




#77
Bromobenzene
Concen: 55.794 ug/l
RT: 12.605 min Scan# 1770
Delta R.T. -0.006 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

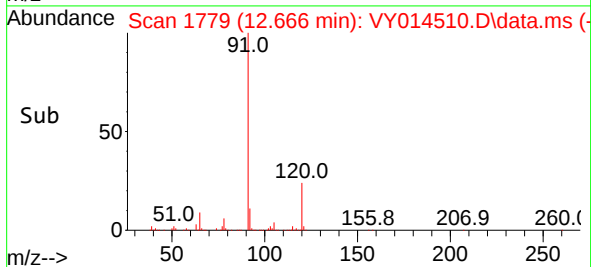
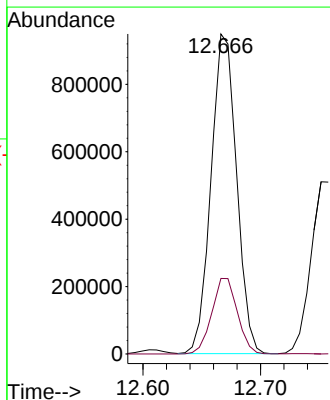
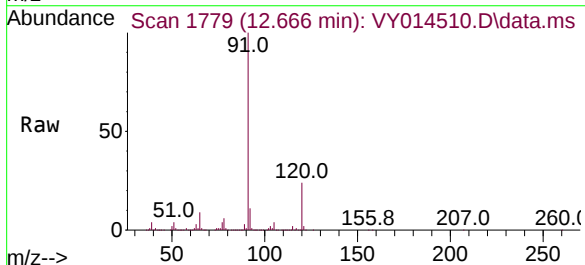
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

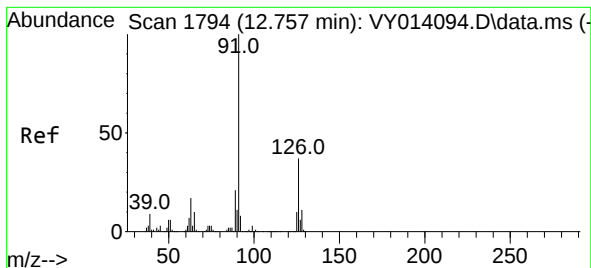
Tgt Ion:156 Resp: 307996
Ion Ratio Lower Upper
156 100
77 173.0 92.8 278.6
158 97.9 48.4 145.3



#78
n-propylbenzene
Concen: 58.149 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

Tgt Ion: 91 Resp: 1433614
Ion Ratio Lower Upper
91 100
120 23.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 57.110 ug/l

RT: 12.752 min Scan# 1793

Delta R.T. -0.005 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

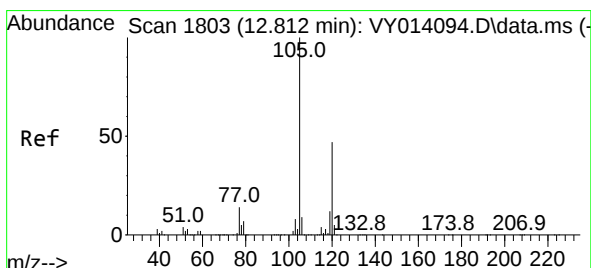
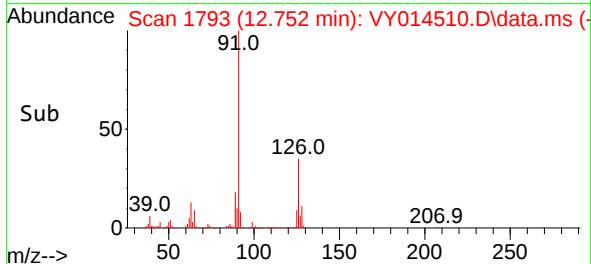
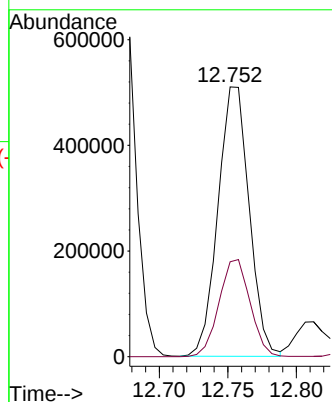
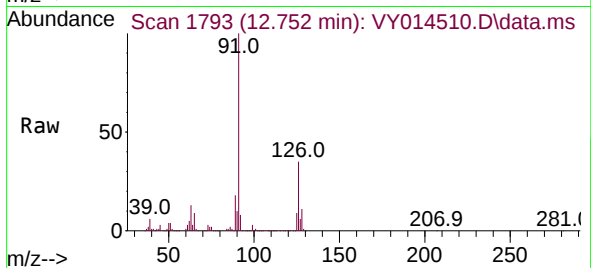
VSTDCCC050

Tgt Ion: 91 Resp: 810296

Ion Ratio Lower Upper

91 100

126 35.9 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 57.672 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY014510.D

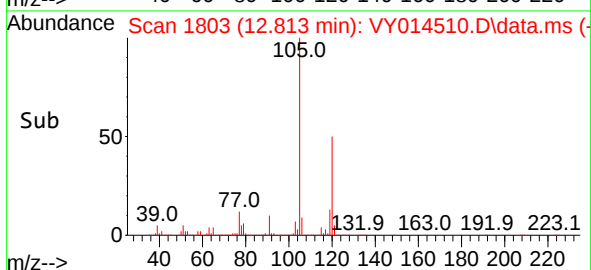
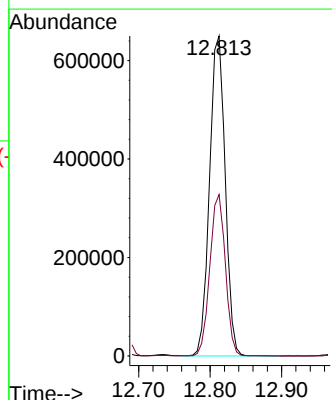
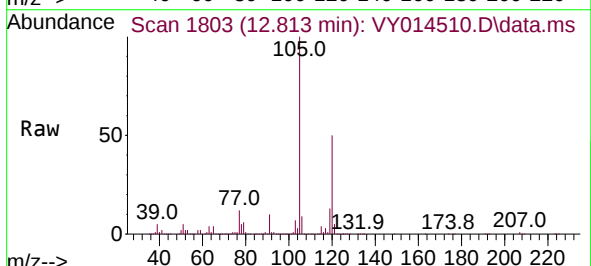
Acq: 30 Jun 2023 11:59

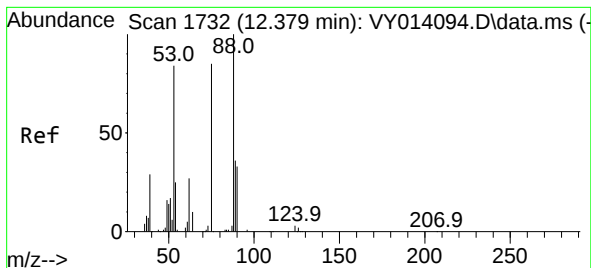
Tgt Ion:105 Resp: 986764

Ion Ratio Lower Upper

105 100

120 50.1 23.9 71.7

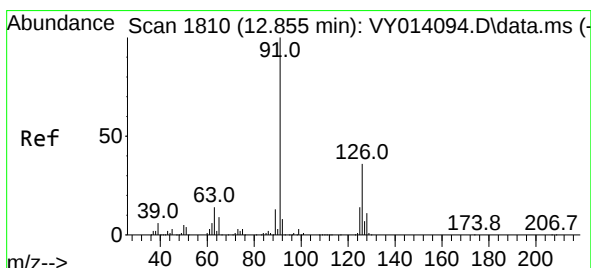
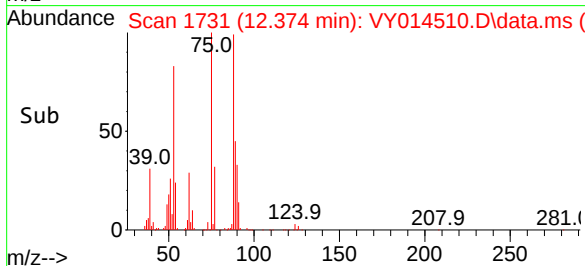
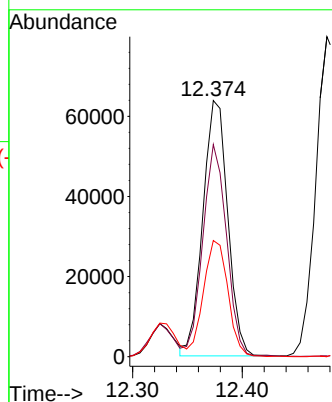
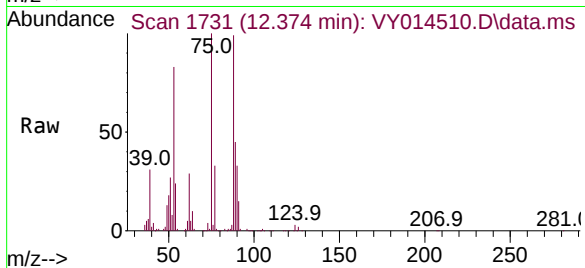




#81
trans-1,4-Dichloro-2-butene
Concen: 53.955 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

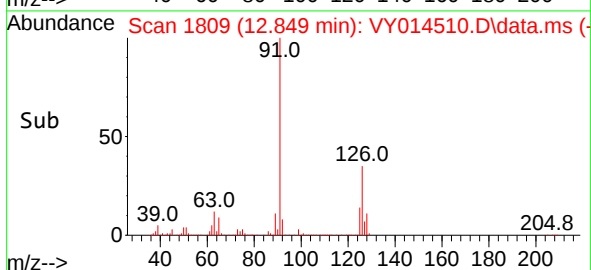
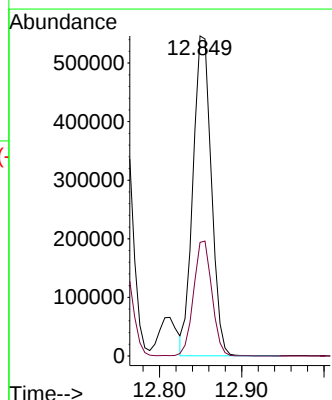
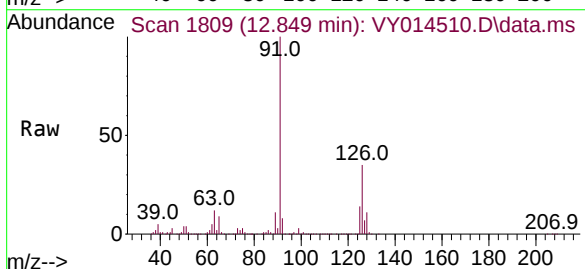
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

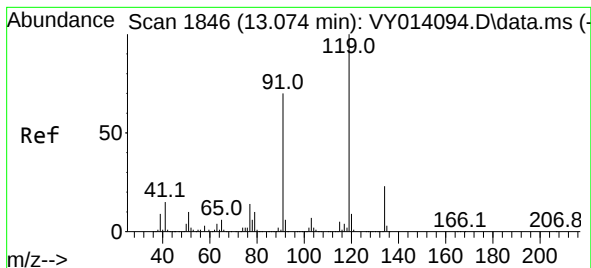
Tgt Ion: 75 Resp: 100383
Ion Ratio Lower Upper
75 100
53 79.7 77.8 116.8
89 44.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 56.872 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

Tgt Ion: 91 Resp: 845365
Ion Ratio Lower Upper
91 100
126 35.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 58.014 ug/l

RT: 13.075 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

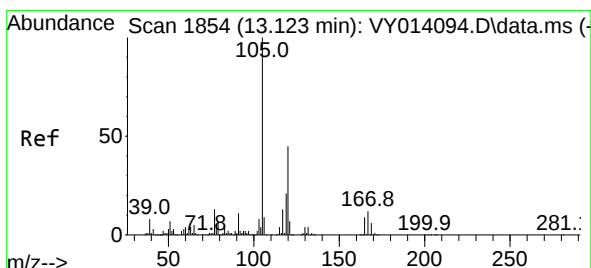
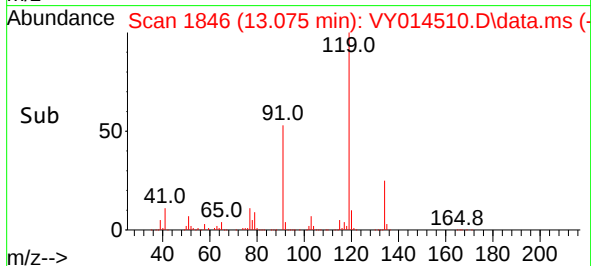
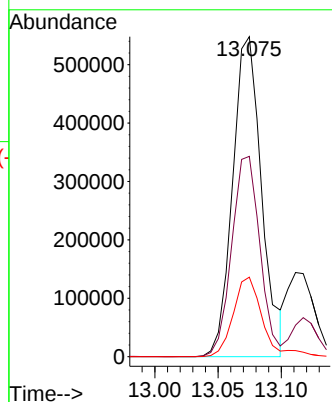
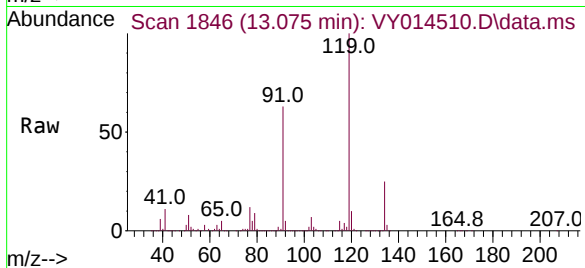
Tgt Ion:119 Resp: 872377

Ion Ratio Lower Upper

119 100

91 61.2 32.9 98.6

134 25.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 58.486 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY014510.D

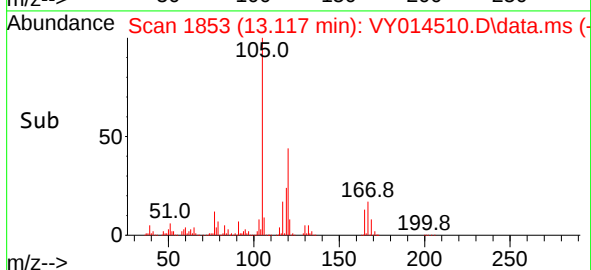
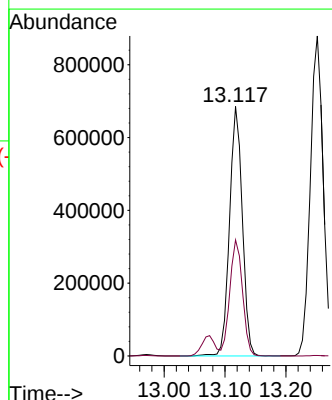
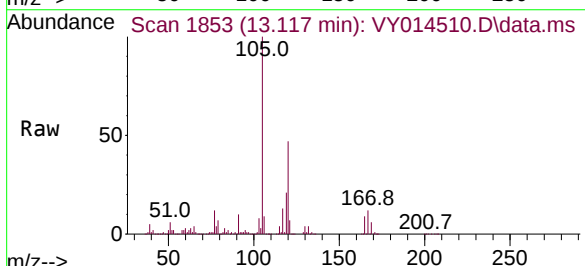
Acq: 30 Jun 2023 11:59

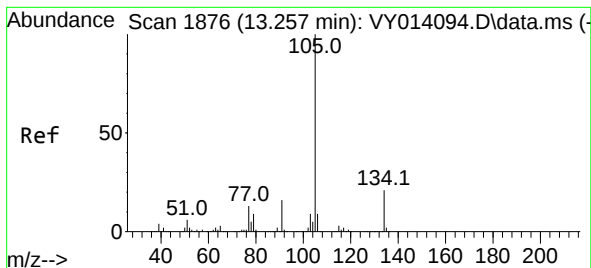
Tgt Ion:105 Resp: 998565

Ion Ratio Lower Upper

105 100

120 46.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 58.185 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. -0.005 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

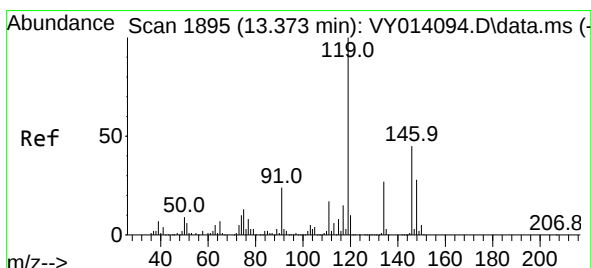
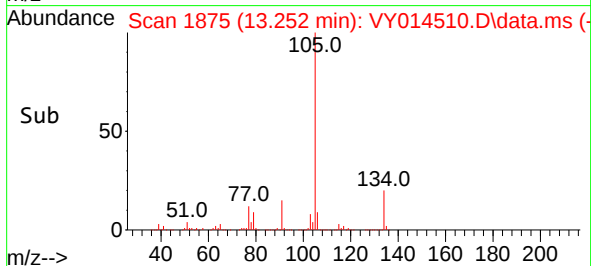
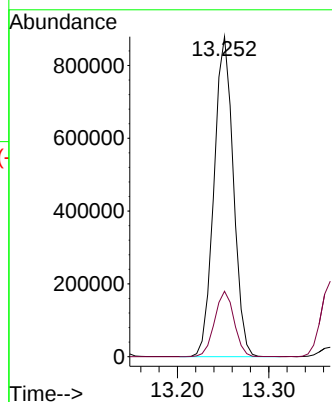
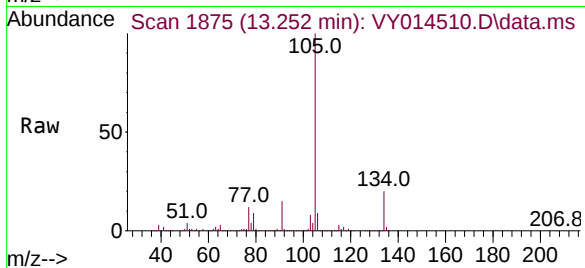
VSTDCCC050

Tgt Ion:105 Resp: 1291094

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 58.611 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

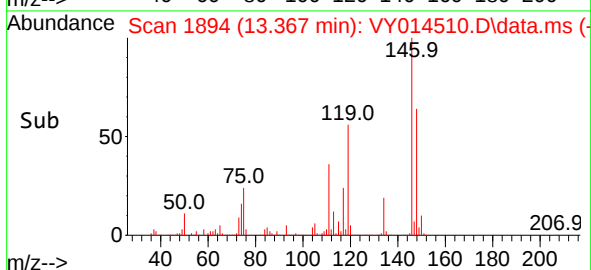
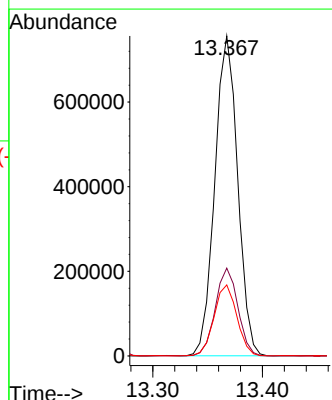
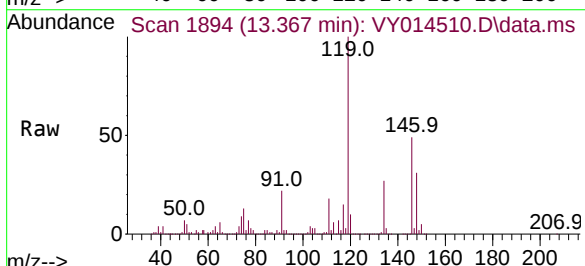
Tgt Ion:119 Resp: 1094475

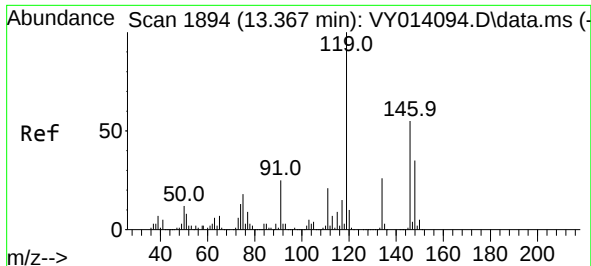
Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.8

91 22.2 12.4 37.4

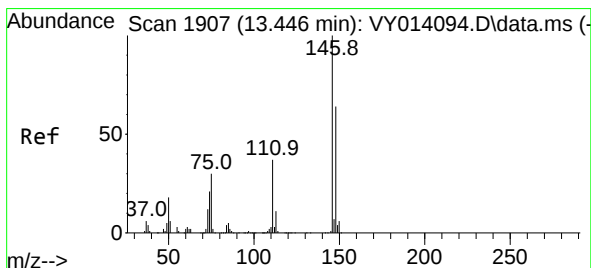
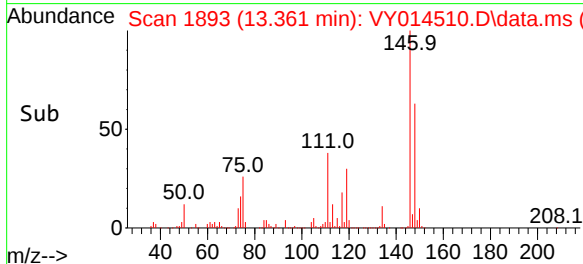
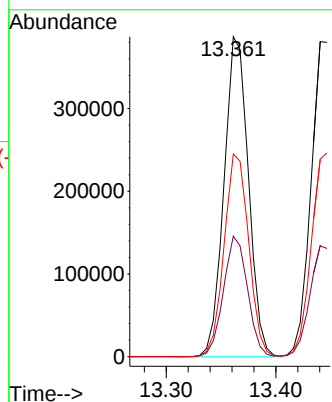
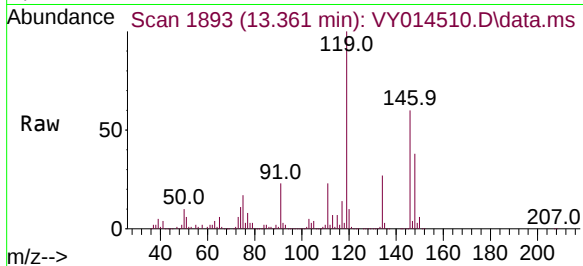




#87
1,3-Dichlorobenzene
Concen: 55.437 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

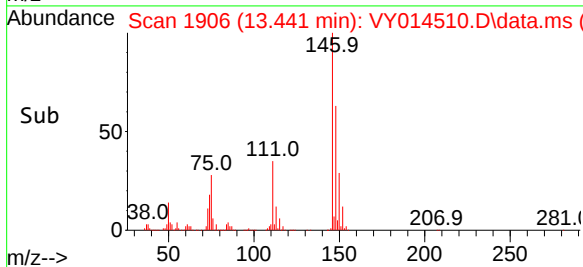
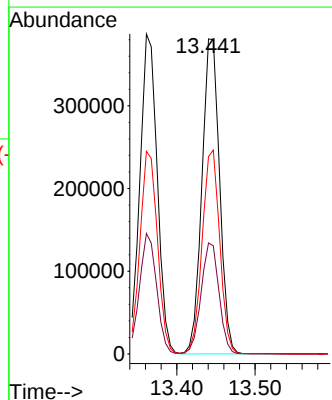
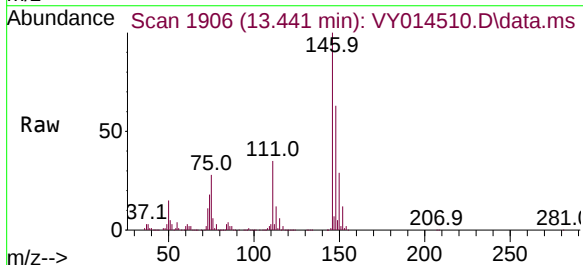
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

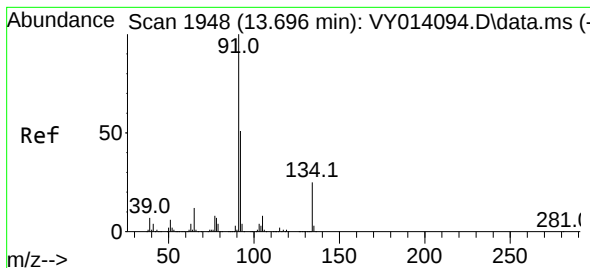
Tgt Ion:146 Resp: 598342
Ion Ratio Lower Upper
146 100
111 37.1 19.4 58.2
148 63.9 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 55.072 ug/l
RT: 13.441 min Scan# 1906
Delta R.T. -0.005 min
Lab File: VY014510.D
Acq: 30 Jun 2023 11:59

Tgt Ion:146 Resp: 595700
Ion Ratio Lower Upper
146 100
111 35.8 18.9 56.7
148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 58.468 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

Instrument :

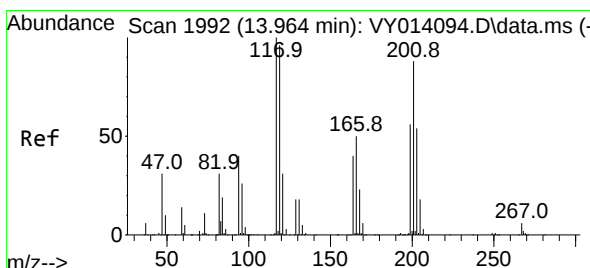
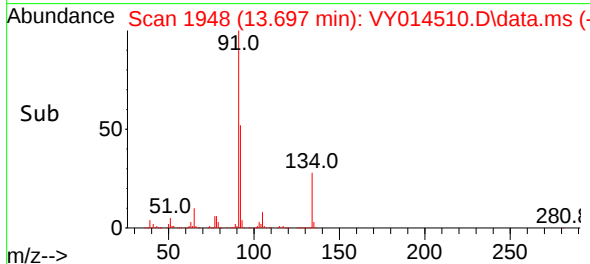
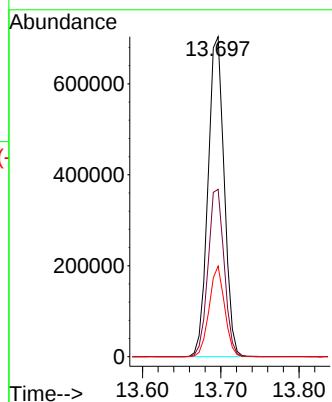
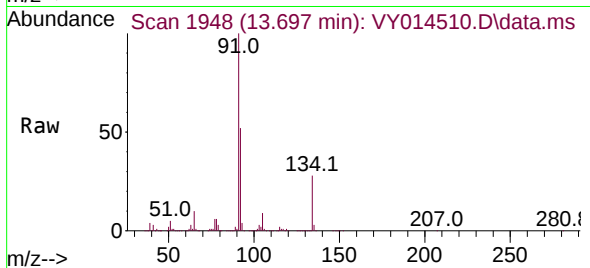
MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1009000

Ion	Ratio	Lower	Upper
91	100		
92	52.2	25.4	76.0
134	27.1	12.6	37.6



#90

Hexachloroethane

Concen: 54.564 ug/l

RT: 13.959 min Scan# 1991

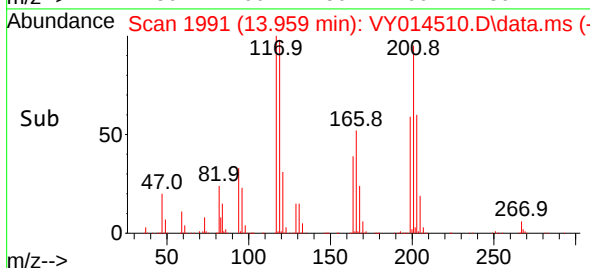
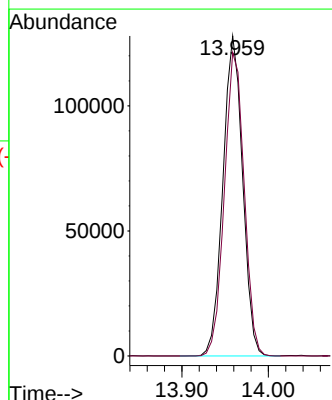
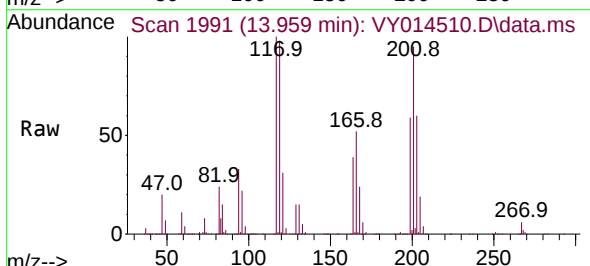
Delta R.T. -0.005 min

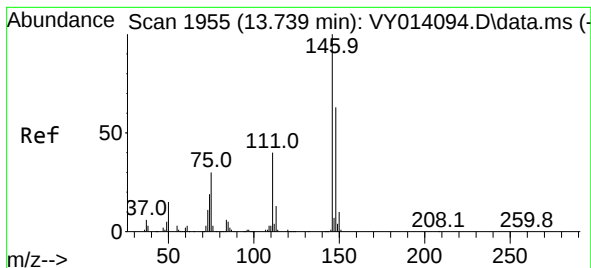
Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

Tgt Ion: 117 Resp: 201831

Ion	Ratio	Lower	Upper
117	100		
201	95.2	41.6	124.8





#91

1,2-Dichlorobenzene

Concen: 55.153 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

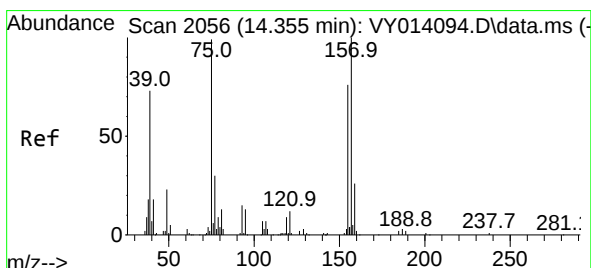
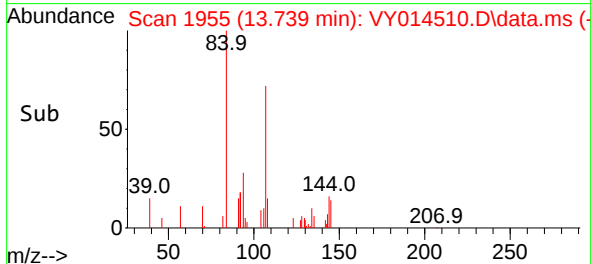
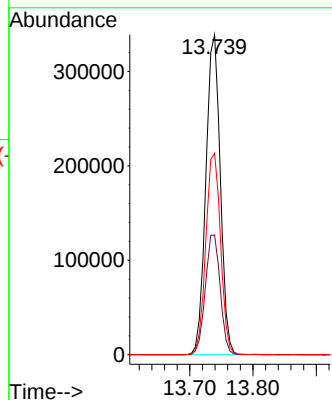
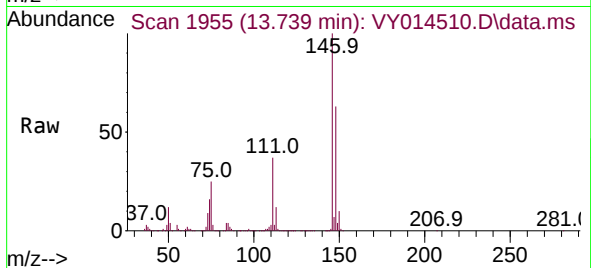
Tgt Ion:146 Resp: 539205

Ion Ratio Lower Upper

146 100

111 38.6 19.7 59.0

148 64.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.808 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

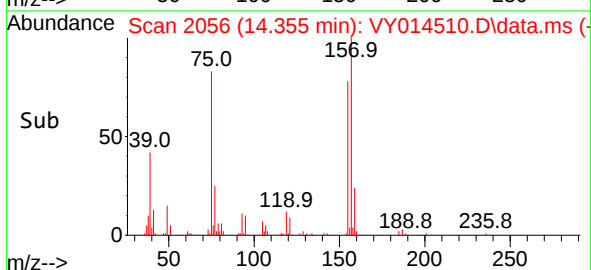
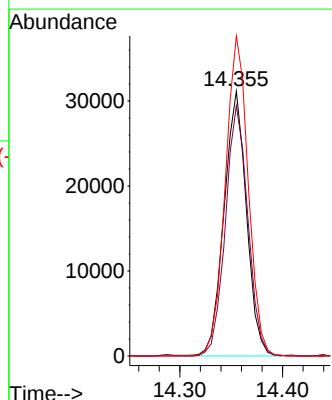
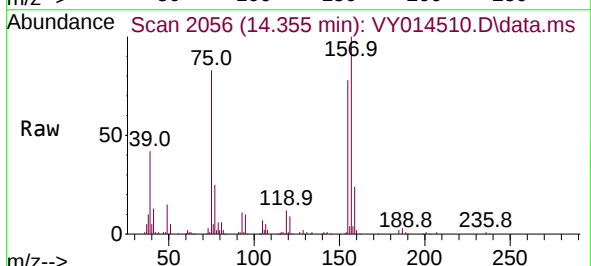
Tgt Ion: 75 Resp: 47296

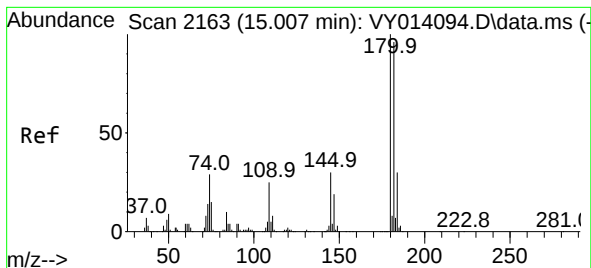
Ion Ratio Lower Upper

75 100

155 94.4 41.5 124.6

157 123.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 56.266 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

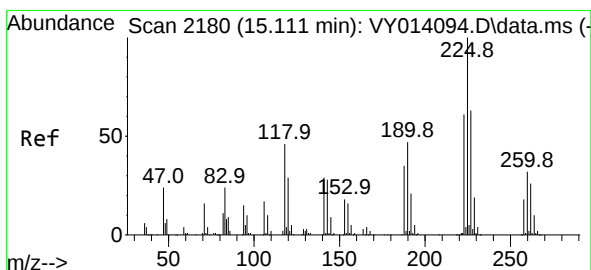
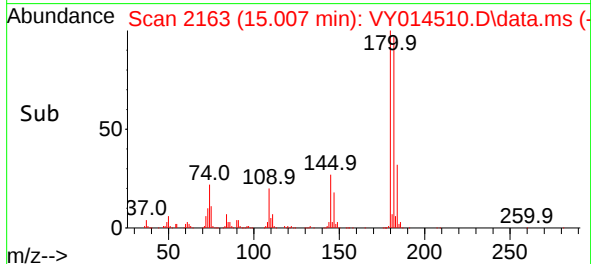
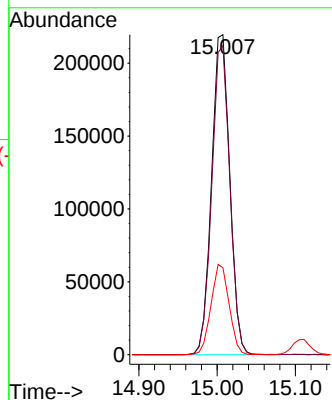
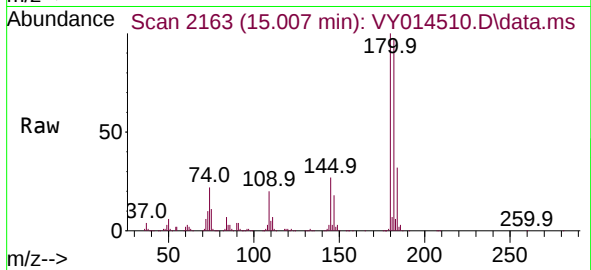
Tgt Ion:180 Resp: 355303

Ion Ratio Lower Upper

180 100

182 95.7 47.0 141.2

145 27.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 57.064 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

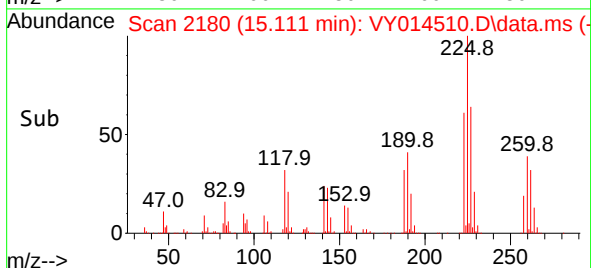
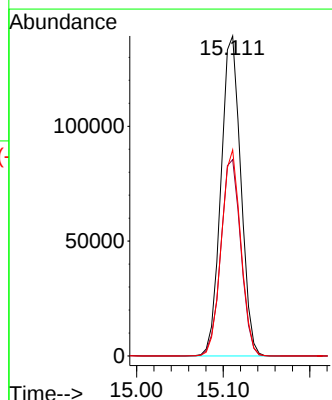
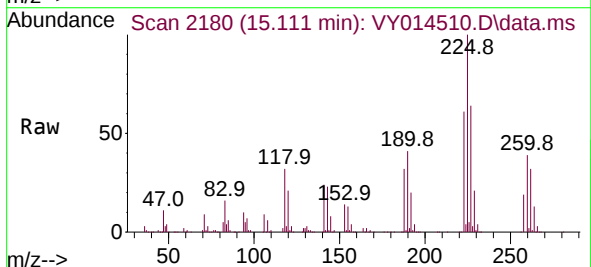
Tgt Ion:225 Resp: 221464

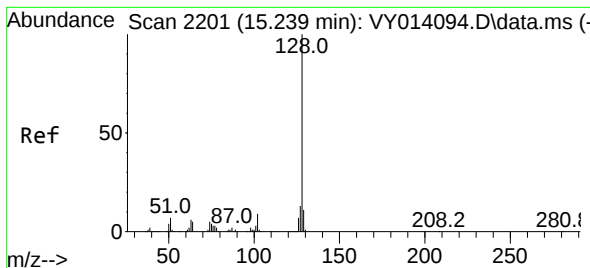
Ion Ratio Lower Upper

225 100

223 61.8 31.9 95.9

227 63.0 33.0 98.9





#95

Naphthalene

Concen: 55.254 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

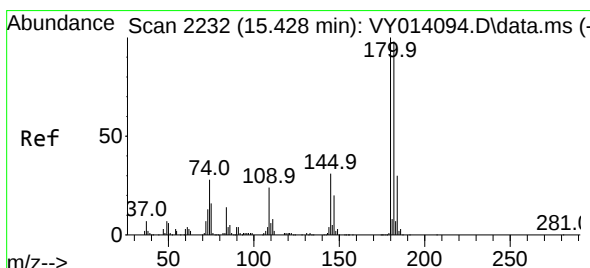
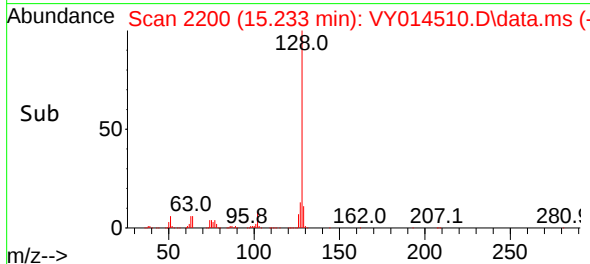
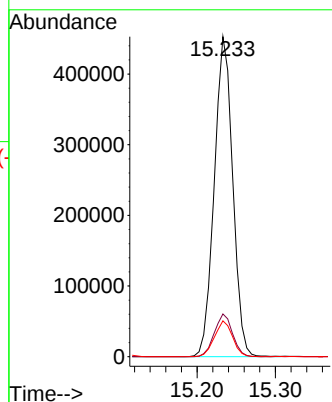
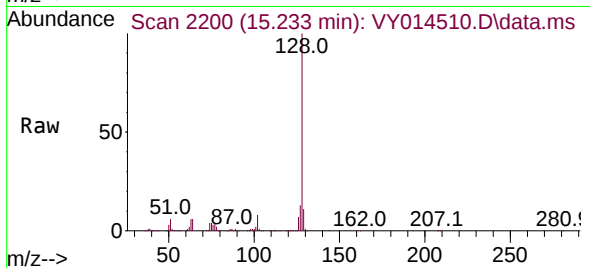
Tgt Ion:128 Resp: 742320

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 55.976 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014510.D

Acq: 30 Jun 2023 11:59

Tgt Ion:180 Resp: 322067

Ion Ratio Lower Upper

180 100

182 96.0 47.3 141.8

145 29.3 15.4 46.2

