

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071023\
 Data File : VY014612.D
 Acq On : 10 Jul 2023 12:55
 Operator : SY/MD
 Sample : 03375-05MS
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 11 03:16:41 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	7.789	168	305228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	439341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	389895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	197141	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	146177	48.142	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.280%
35) Dibromofluoromethane	7.716	113	144192	53.296	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.600%
50) Toluene-d8	10.179	98	538662	50.365	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.740%
62) 4-Bromofluorobenzene	12.477	95	177942	47.914	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.820%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	109196	49.941	ug/l	95
3) Chloromethane	2.107	50	163028	46.119	ug/l	97
4) Vinyl Chloride	2.247	62	204291	50.138	ug/l	96
5) Bromomethane	2.644	94	143714	45.486	ug/l	99
6) Chloroethane	2.784	64	130664	49.804	ug/l	96
7) Trichlorofluoromethane	3.119	101	240183	48.535	ug/l	99
8) Diethyl Ether	3.522	74	86079	45.939	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.893	101	138707	46.937	ug/l	96
10) Methyl Iodide	4.082	142	177163	52.535	ug/l	92
11) Tert butyl alcohol	4.960	59	91703	167.972	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	136703	47.750	ug/l	85
13) Acrolein	3.723	56	53239	131.961	ug/l	99
14) Allyl chloride	4.473	41	184699	42.803	ug/l #	87
15) Acrylonitrile	5.155	53	220347	204.847	ug/l	99
16) Acetone	3.942	43	229720	242.262	ug/l #	84
17) Carbon Disulfide	4.186	76	381267	43.701	ug/l	99
18) Methyl Acetate	4.473	43	203980	47.256	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	377633	45.896	ug/l	99
20) Methylene Chloride	4.710	84	168158	49.015	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	144790	44.680	ug/l	94
22) Diisopropyl ether	6.119	45	415219	46.699	ug/l #	87
23) Vinyl Acetate	6.058	43	1010422	196.419	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	256159	45.892	ug/l	98
25) 2-Butanone	6.984	43	299371	213.223	ug/l	92
26) 2,2-Dichloropropane	6.978	77	224456	47.178	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	170735	46.446	ug/l	91
28) Bromochloromethane	7.332	49	114831	48.993	ug/l #	82
29) Tetrahydrofuran	7.344	42	191400	211.346	ug/l #	87
30) Chloroform	7.503	83	272124	46.735	ug/l	94
31) Cyclohexane	7.783	56	200778	42.148	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	234258	47.068	ug/l	97
36) 1,1-Dichloropropene	7.917	75	198866	47.998	ug/l	97
37) Ethyl Acetate	7.070	43	120102	42.269	ug/l #	91
38) Carbon Tetrachloride	7.899	117	210168	48.593	ug/l	99
39) Methylcyclohexane	9.179	83	209908	42.386	ug/l	94
40) Benzene	8.161	78	588203	46.900	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	170365	122.730	ug/l #	17
42) 1,2-Dichloroethane	8.234	62	176249	47.812	ug/l	94
43) Isopropyl Acetate	8.271	43	214466	44.539	ug/l #	90
44) Trichloroethene	8.935	130	167457	47.894	ug/l	93
45) 1,2-Dichloropropane	9.216	63	153860	47.822	ug/l	97
46) Dibromomethane	9.301	93	93472	47.722	ug/l	94
47) Bromodichloromethane	9.496	83	210110	48.685	ug/l	98
48) Methyl methacrylate	9.289	41	101516	46.361	ug/l #	82
49) 1,4-Dioxane	9.295	88	30917	883.950	ug/l #	61
51) 4-Methyl-2-Pentanone	10.069	43	638234	223.884	ug/l	90
52) Toluene	10.240	92	370766	46.978	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	219199	47.497	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	242892	47.171	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	136384	47.853	ug/l	97
56) Ethyl methacrylate	10.508	69	184760	47.656	ug/l #	80
57) 1,3-Dichloropropane	10.789	76	220488	47.480	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	485844	258.675	ug/l	96
59) 2-Hexanone	10.831	43	476730	231.506	ug/l	88
60) Dibromochloromethane	10.984	129	161978	48.502	ug/l	100
61) 1,2-Dibromoethane	11.087	107	132612	47.660	ug/l	100
64) Tetrachloroethene	10.715	164	181795	52.159	ug/l	96
65) Chlorobenzene	11.514	112	401192	48.284	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	161719	51.208	ug/l	98
67) Ethyl Benzene	11.587	91	692152	48.848	ug/l	99
68) m/p-Xylenes	11.697	106	542968	96.604	ug/l	95
69) o-Xylene	12.026	106	258373	48.468	ug/l	95
70) Styrene	12.044	104	450305	49.097	ug/l	96
71) Bromoform	12.203	173	120452	50.204	ug/l #	100
73) Isopropylbenzene	12.325	105	661505	51.235	ug/l	99
74) N-amyl acetate	12.142	43	170271	43.696	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	168324	50.802	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	213144	92.135	ug/l #	100
77) Bromobenzene	12.605	156	184493	52.317	ug/l	93
78) n-propylbenzene	12.666	91	797516	50.637	ug/l	98
79) 2-Chlorotoluene	12.752	91	454781	50.175	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	552707	50.566	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	57180	48.110	ug/l	87
82) 4-Chlorotoluene	12.849	91	470327	49.531	ug/l	95
83) tert-Butylbenzene	13.075	119	477086	49.665	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	548984	50.333	ug/l	97
85) sec-Butylbenzene	13.252	105	677276	47.779	ug/l	98
86) p-Isopropyltoluene	13.367	119	575257	48.223	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	336511	48.805	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	336899	48.755	ug/l	98
89) n-Butylbenzene	13.697	91	499146	45.276	ug/l	98
90) Hexachloroethane	13.959	117	112709	47.698	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	307187	49.185	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	29485	48.607	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	179797	44.571	ug/l	98
94) Hexachlorobutadiene	15.111	225	81980	33.066	ug/l	97
95) Naphthalene	15.233	128	1989681	231.831	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	165227	44.953	ug/l	98

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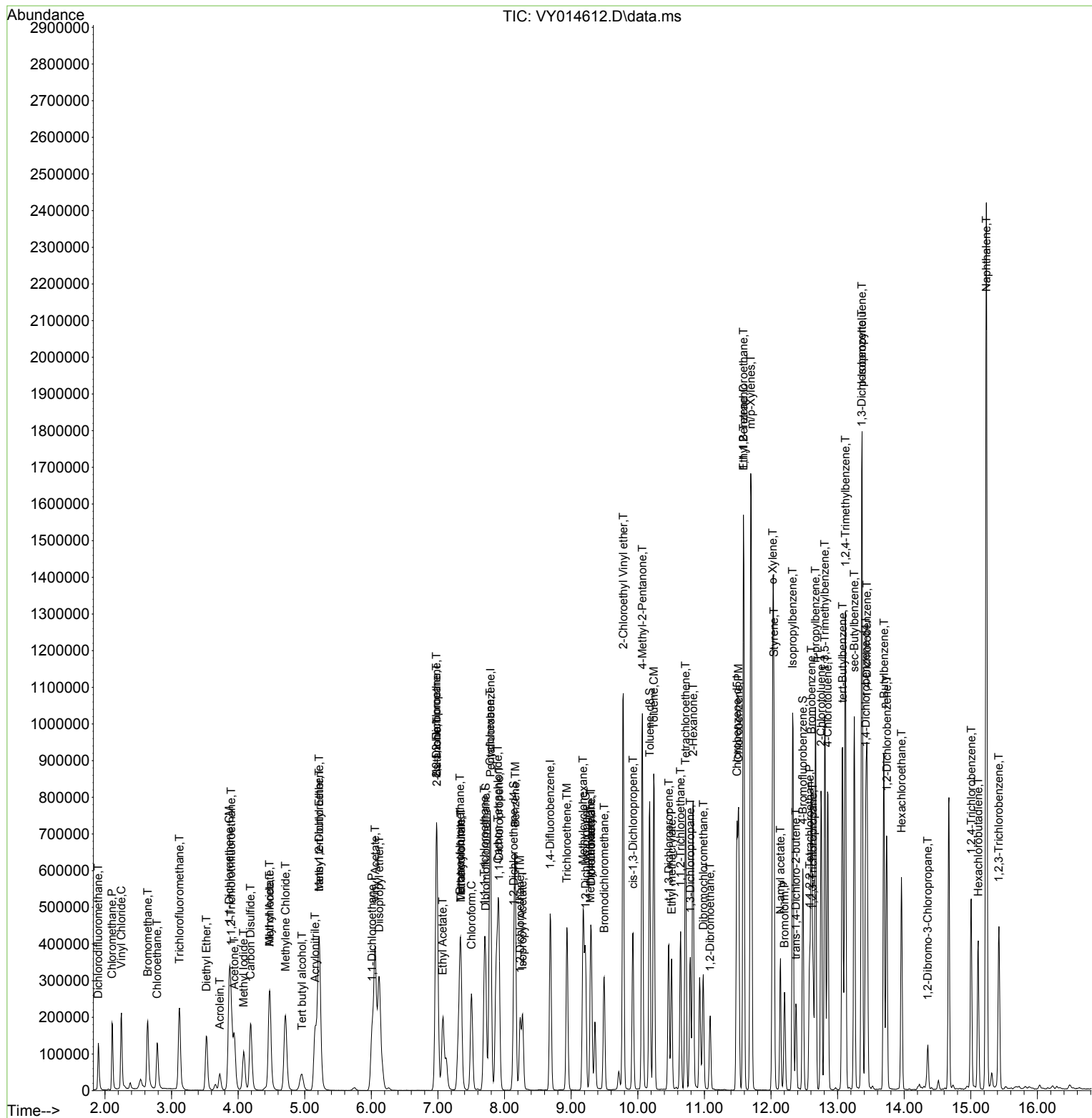
Instrument :
MSVOA_Y
ClientSampleId :

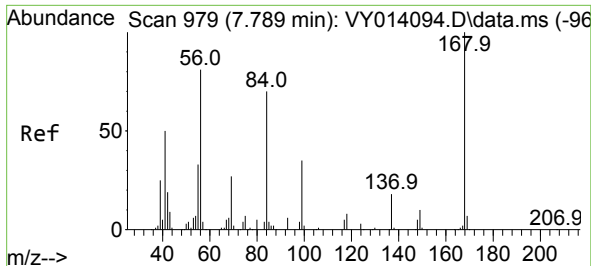
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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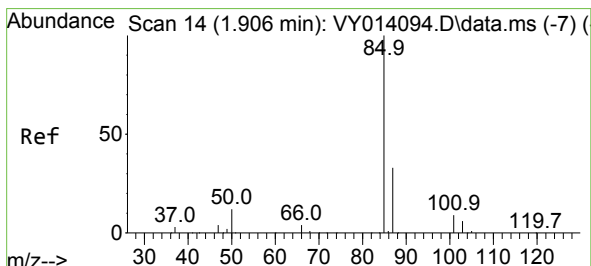
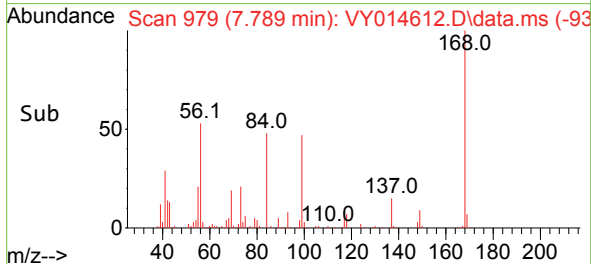
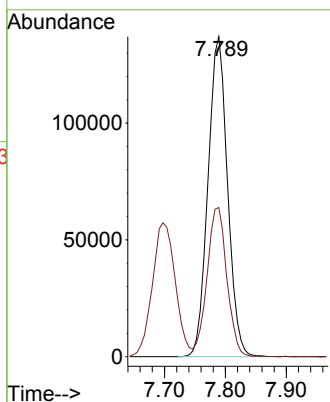
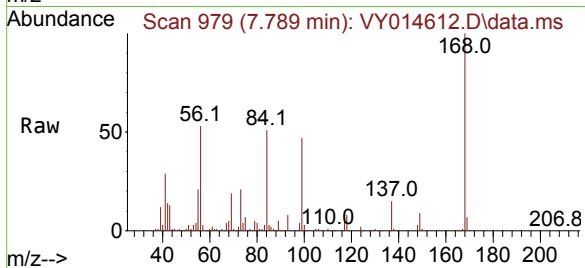




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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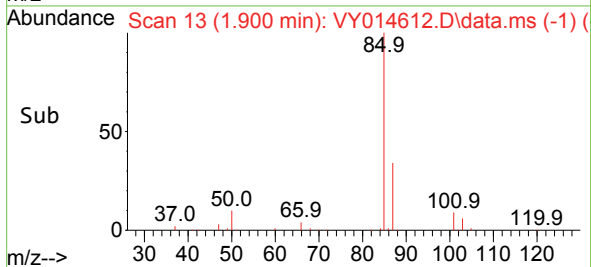
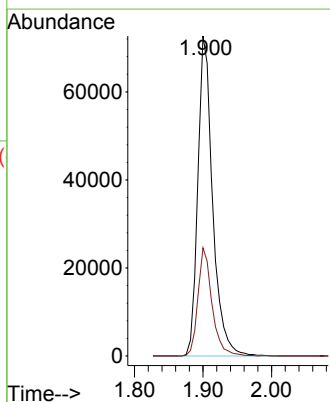
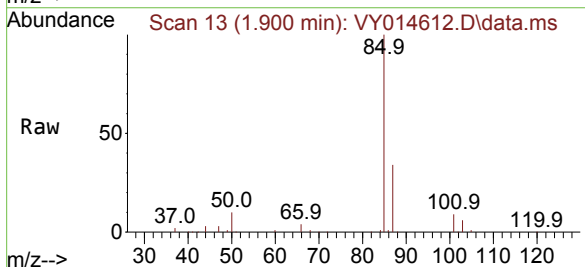
Instrument :
MSVOA_Y
ClientSampleId :

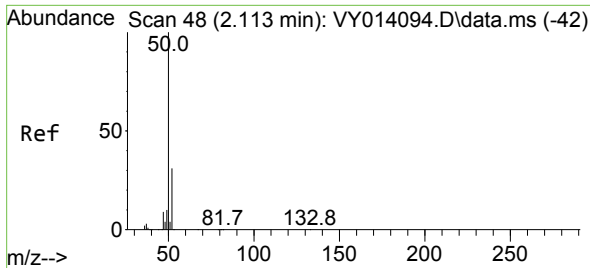
Tgt Ion:168 Resp: 305228
Ion Ratio Lower Upper
168 100
99 46.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 49.941 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Tgt Ion: 85 Resp: 109196
Ion Ratio Lower Upper
85 100
87 33.8 15.6 46.8

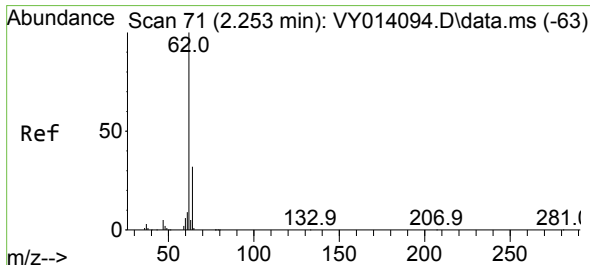
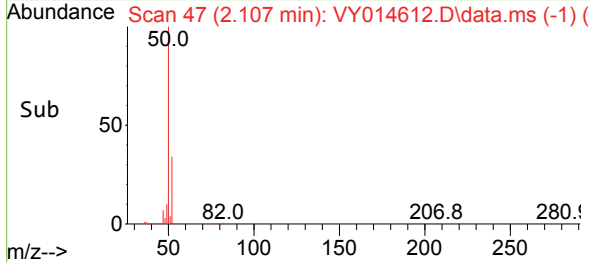
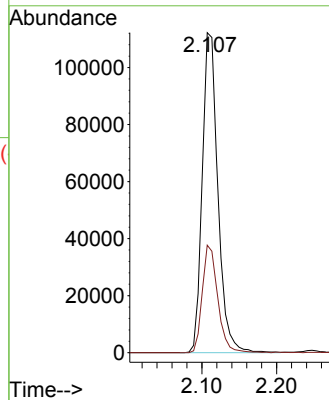
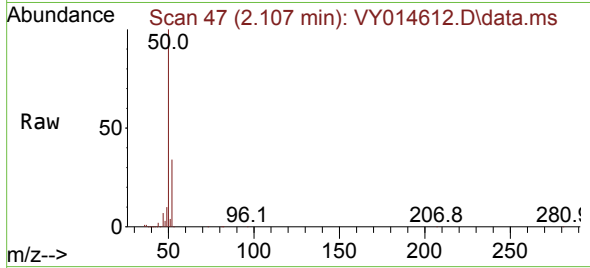




#3
Chloromethane
Concen: 46.119 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

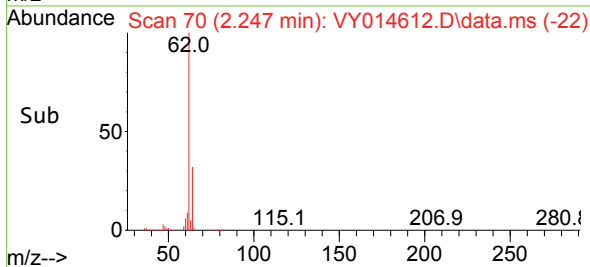
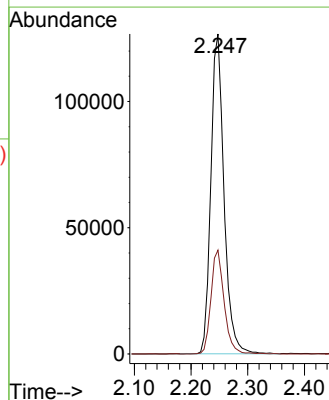
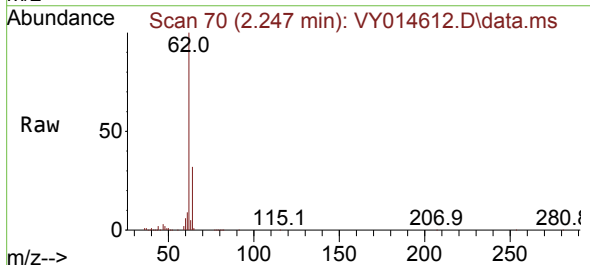
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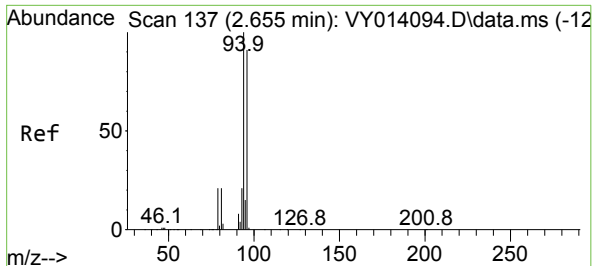
Tgt Ion: 50 Resp: 163028
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.2



#4
Vinyl Chloride
Concen: 50.138 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Tgt Ion: 62 Resp: 204291
Ion Ratio Lower Upper
62 100
64 32.5 24.3 36.5





#5

Bromomethane

Concen: 45.486 ug/l

RT: 2.644 min Scan# 11

Delta R.T. -0.011 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

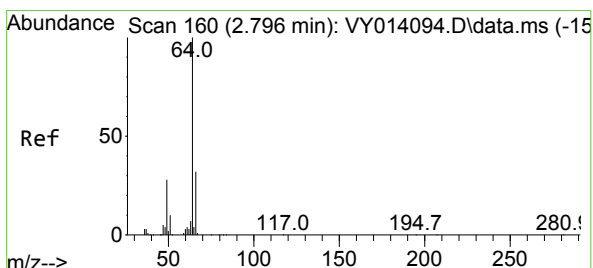
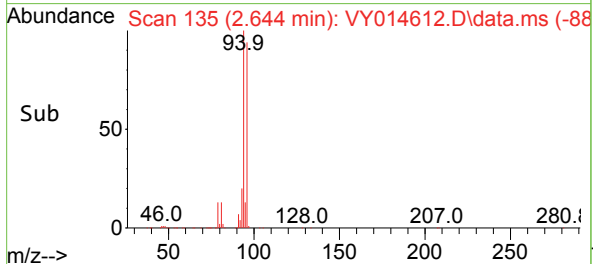
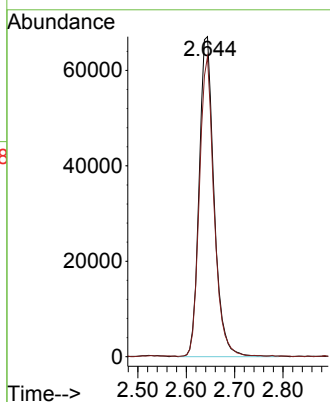
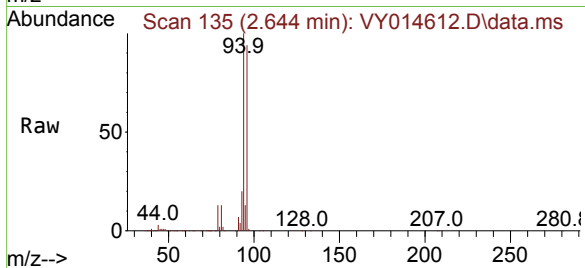
ClientSampleId :

Tgt Ion: 94 Resp: 143714

Ion Ratio Lower Upper

94 100

96 93.6 75.8 113.6



#6

Chloroethane

Concen: 49.804 ug/l

RT: 2.784 min Scan# 158

Delta R.T. -0.012 min

Lab File: VY014612.D

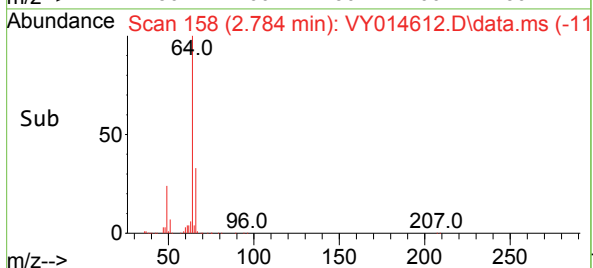
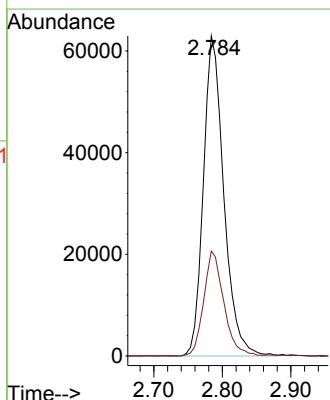
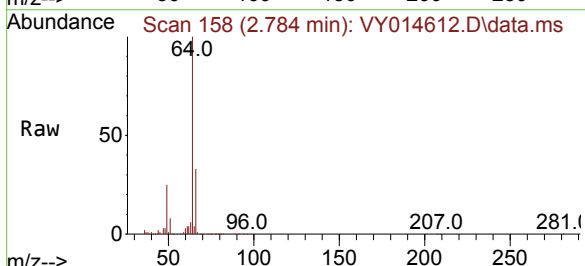
Acq: 10 Jul 2023 12:55

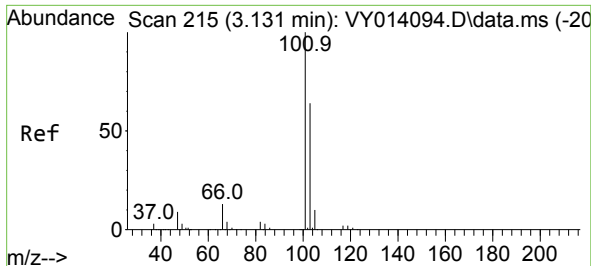
Tgt Ion: 64 Resp: 130664

Ion Ratio Lower Upper

64 100

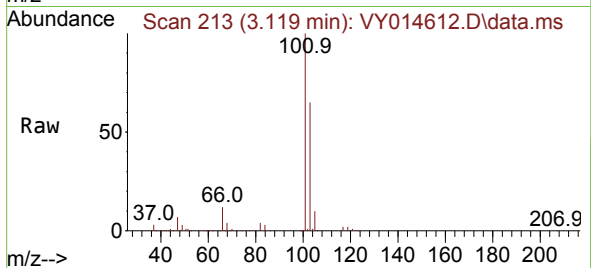
66 32.8 24.4 36.6



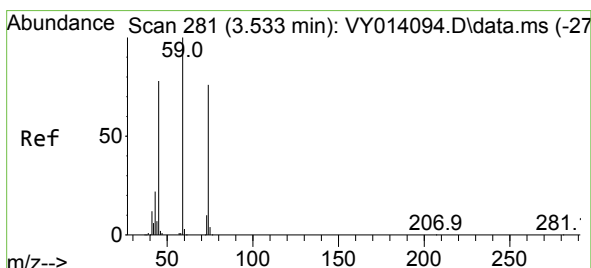
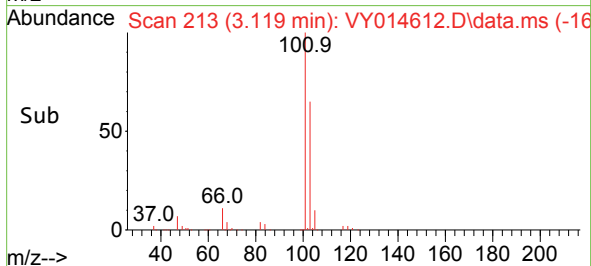
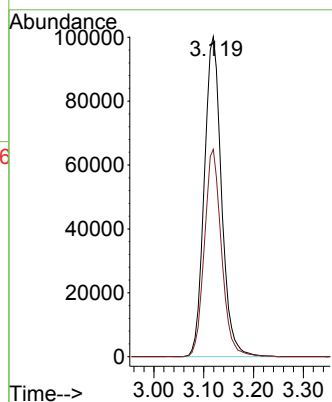


#7
 Trichlorofluoromethane
 Concen: 48.535 ug/l
 RT: 3.119 min Scan# 215
 Delta R.T. -0.012 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :

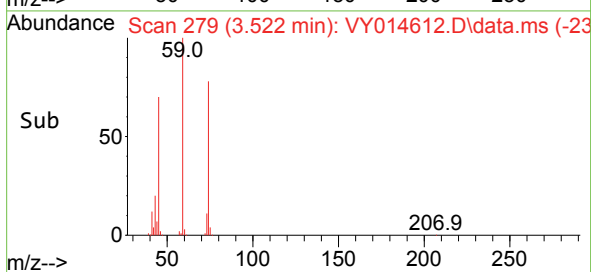
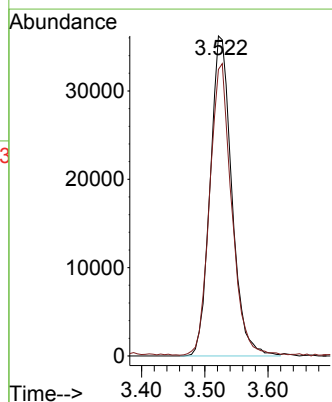
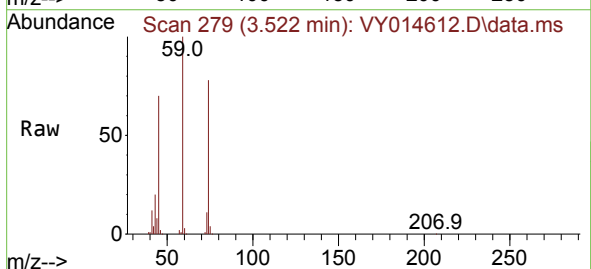


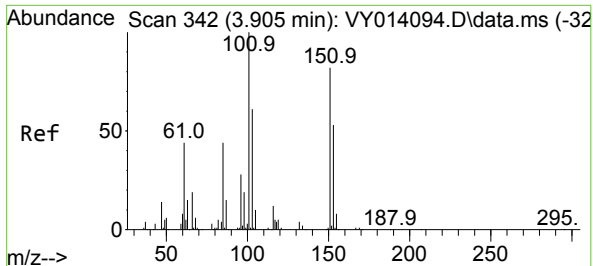
Tgt Ion:101 Resp: 240183
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.4 77.0



#8
 Diethyl Ether
 Concen: 45.939 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. -0.011 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55

Tgt Ion: 74 Resp: 86079
 Ion Ratio Lower Upper
 74 100
 45 92.2 51.5 154.5

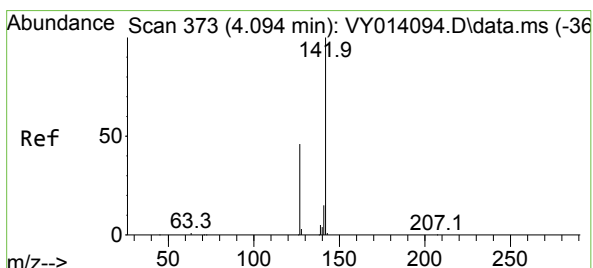
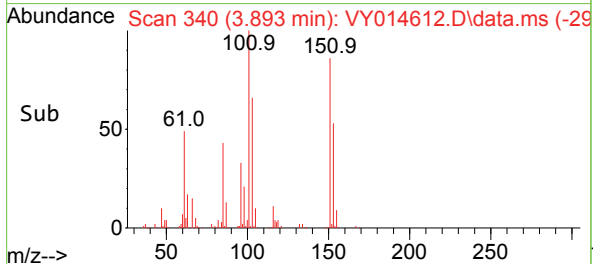
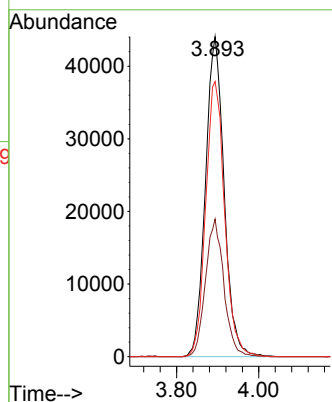
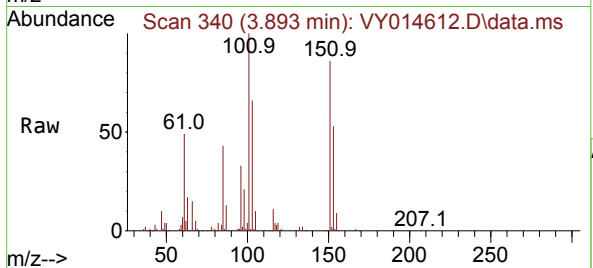




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.937 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY014612.D
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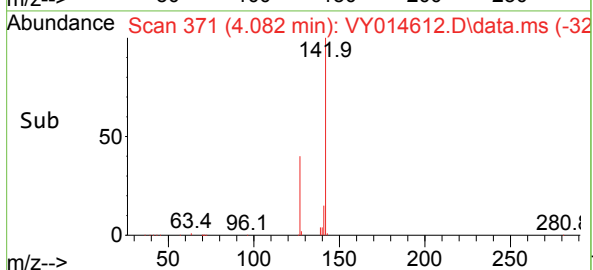
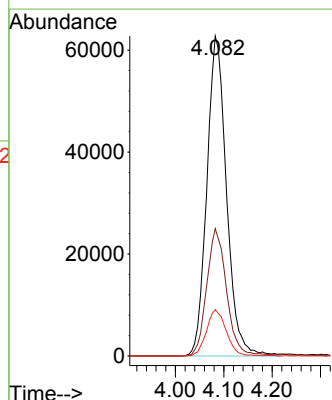
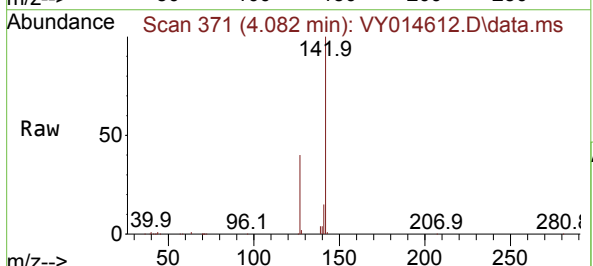
Instrument :
MSVOA_Y
ClientSampleId :

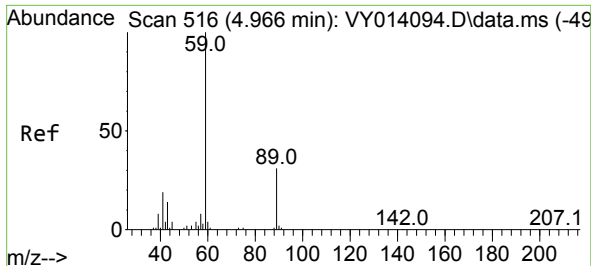
Tgt Ion:101 Resp: 138707
Ion Ratio Lower Upper
101 100
85 42.5 36.6 55.0
151 87.4 67.0 100.6



#10
Methyl Iodide
Concen: 52.535 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Tgt Ion:142 Resp: 177163
Ion Ratio Lower Upper
142 100
127 40.3 37.6 56.4
141 14.5 11.8 17.8

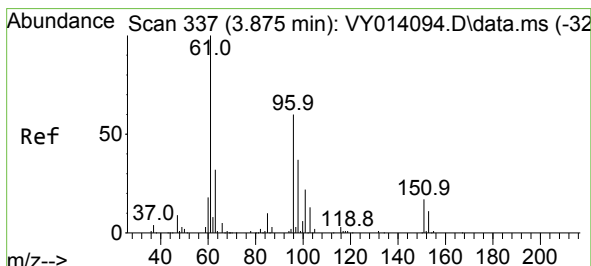
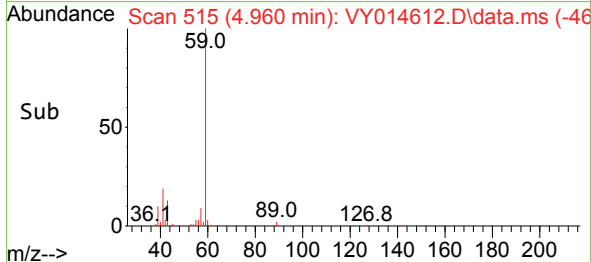
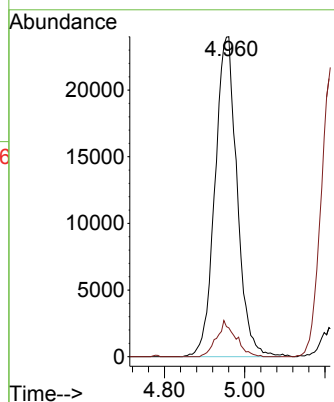
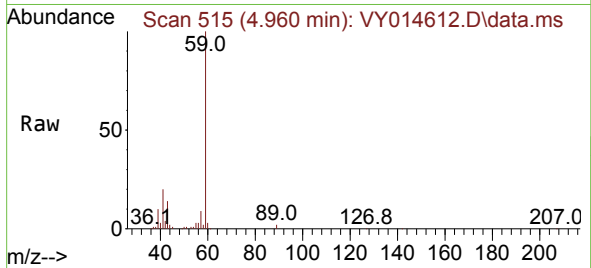




#11
Tert butyl alcohol
Concen: 167.972 ug/l
RT: 4.960 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

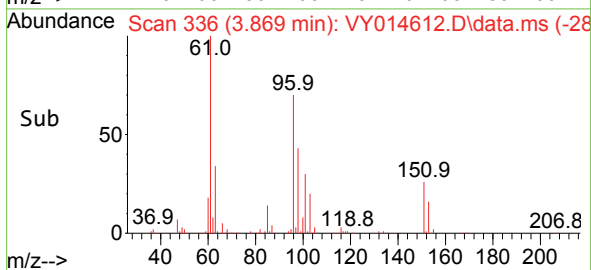
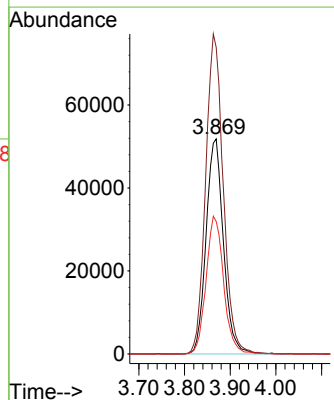
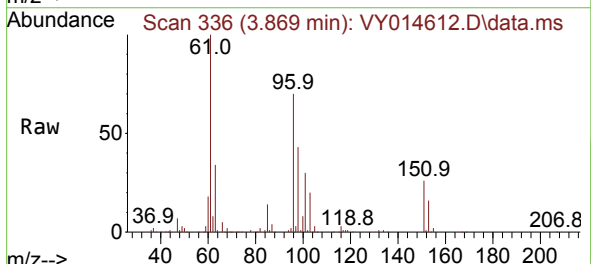
Instrument :
MSVOA_Y
ClientSampleId :

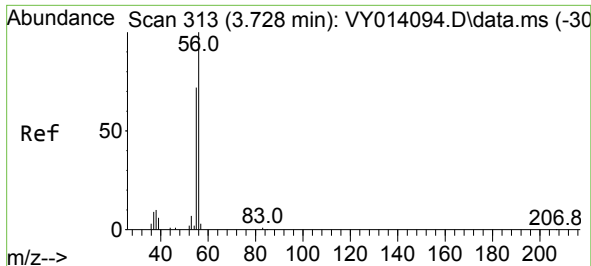
Tgt Ion: 59 Resp: 91703
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.750 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

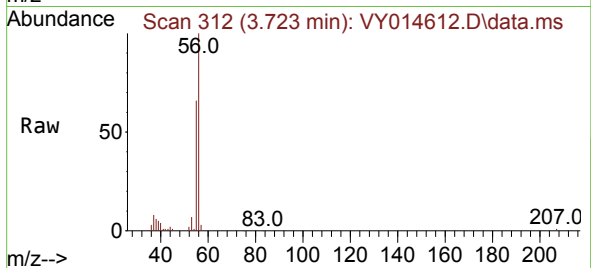
Tgt Ion: 96 Resp: 136703
Ion Ratio Lower Upper
96 100
61 142.5 136.4 204.6
98 61.6 49.4 74.2



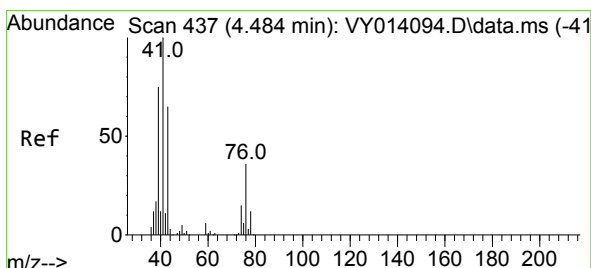
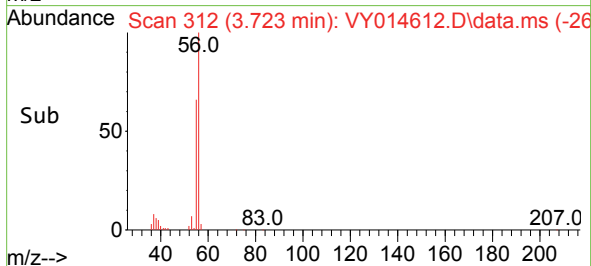
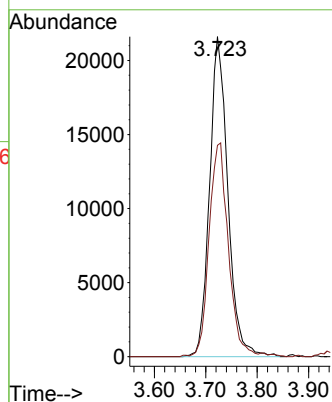


#13
Acrolein
Concen: 131.961 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.005 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Instrument :
MSVOA_Y
ClientSampleId :

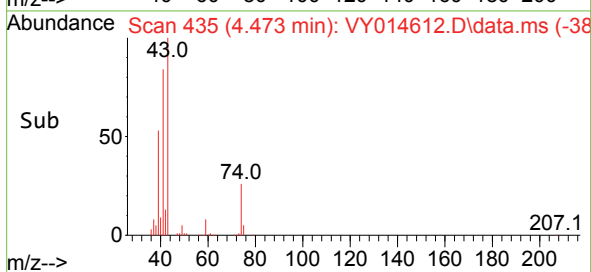
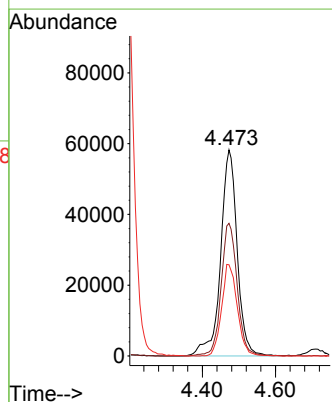
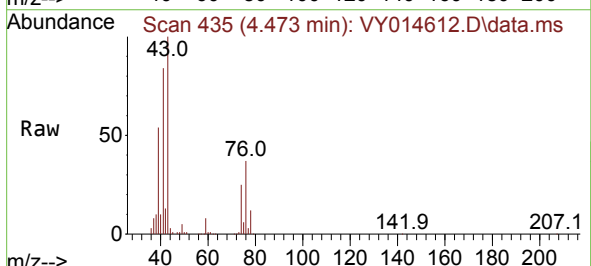


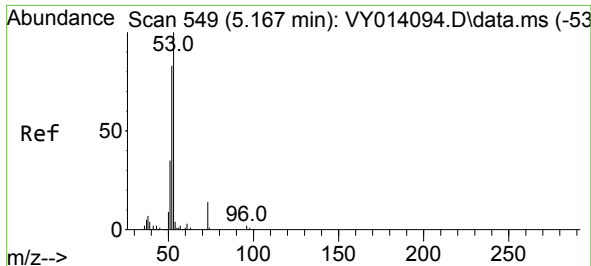
Tgt Ion: 56 Resp: 53239
Ion Ratio Lower Upper
56 100
55 70.4 57.0 85.4



#14
Allyl chloride
Concen: 42.803 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.011 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

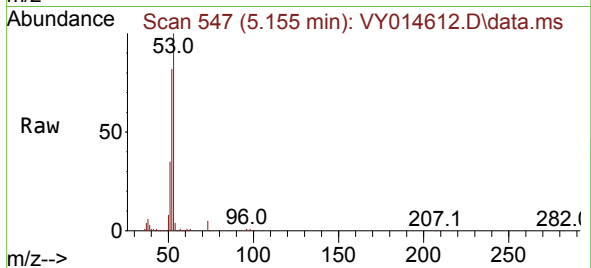
Tgt Ion: 41 Resp: 184699
Ion Ratio Lower Upper
41 100
39 62.2 58.0 87.0
76 41.8 27.4 41.2#



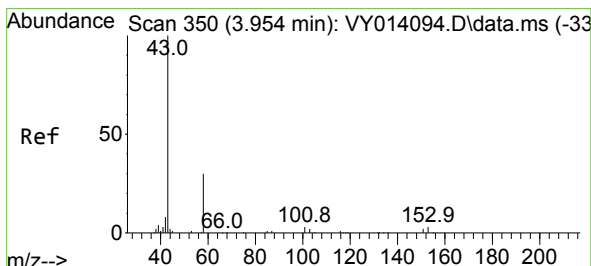
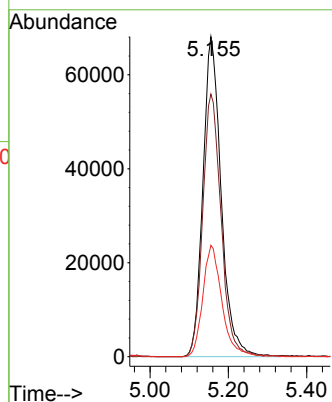
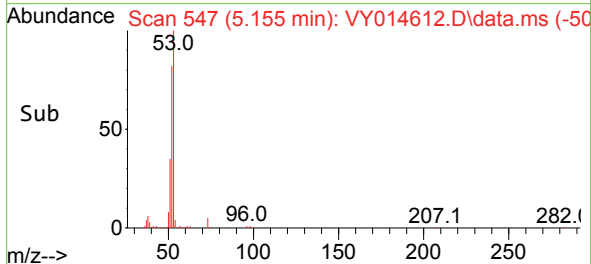


#15
Acrylonitrile
Concen: 204.847 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

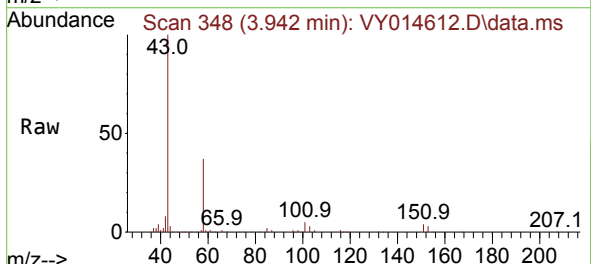
Instrument :
MSVOA_Y
ClientSampleId :



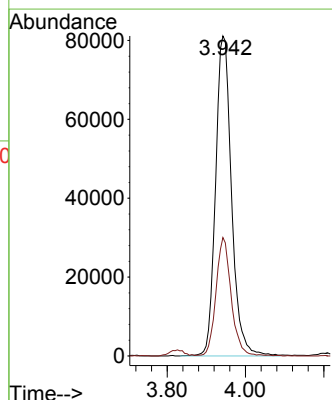
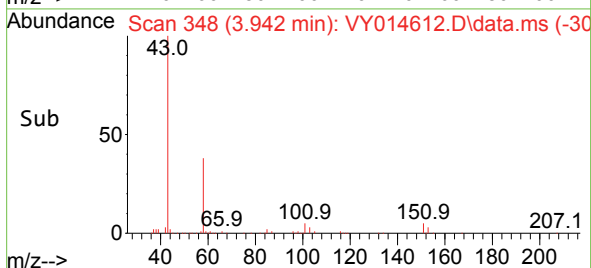
Tgt Ion: 53 Resp: 220347
Ion Ratio Lower Upper
53 100
52 82.4 66.9 100.3
51 36.4 29.8 44.6

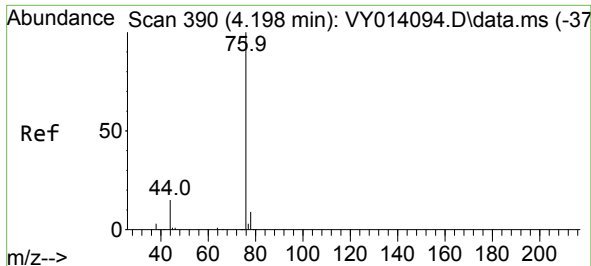


#16
Acetone
Concen: 242.262 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55



Tgt Ion: 43 Resp: 229720
Ion Ratio Lower Upper
43 100
58 36.9 22.7 34.1#

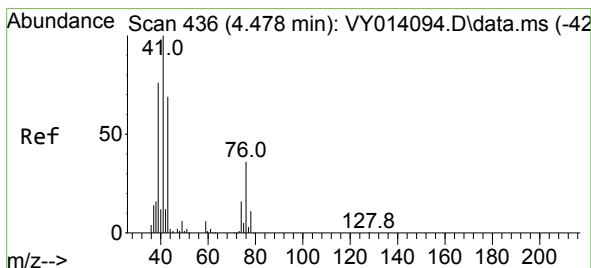
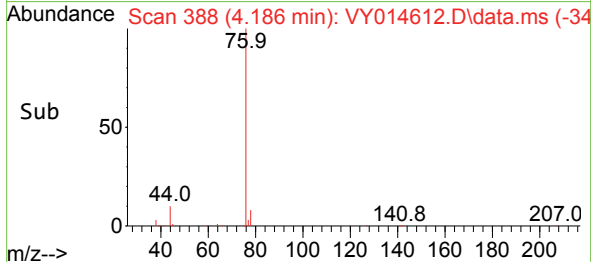
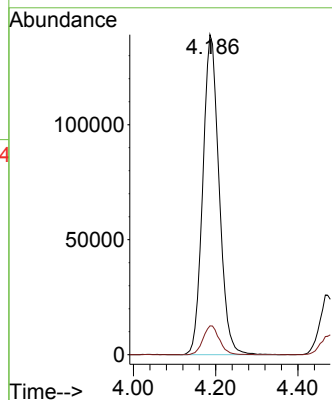
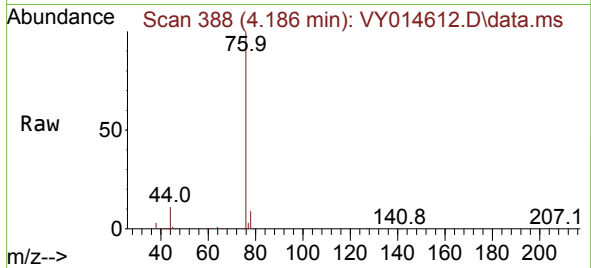




#17
Carbon Disulfide
Concen: 43.701 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.012 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

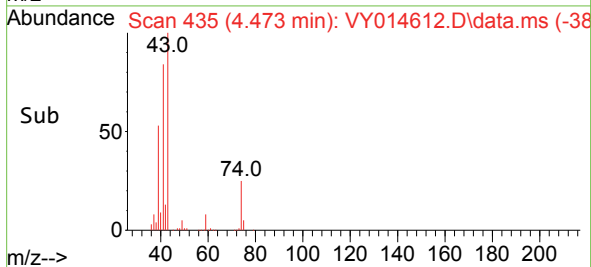
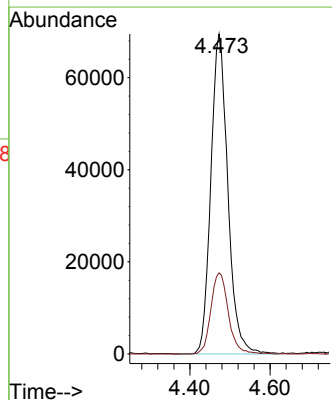
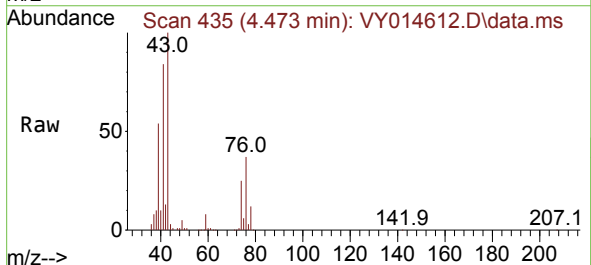
Instrument :
MSVOA_Y
ClientSampleId :

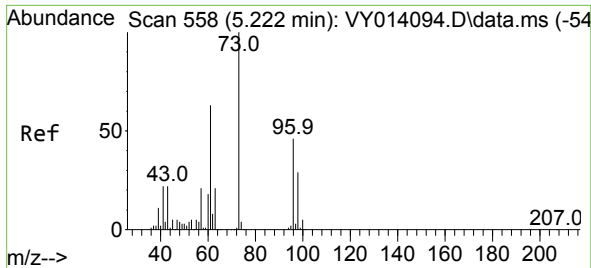
Tgt Ion: 76 Resp: 381267
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 47.256 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

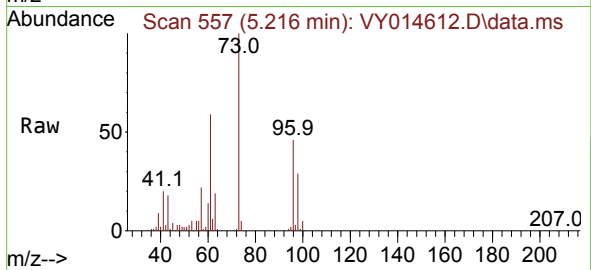
Tgt Ion: 43 Resp: 203980
Ion Ratio Lower Upper
43 100
74 25.9 17.4 26.0



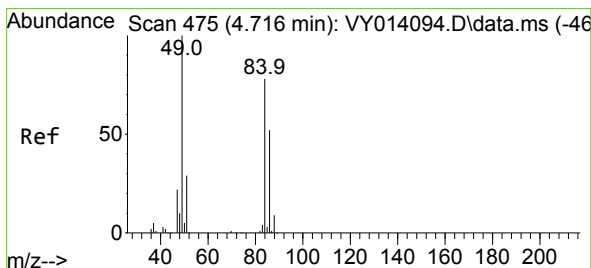
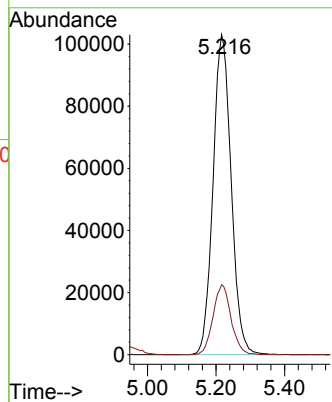
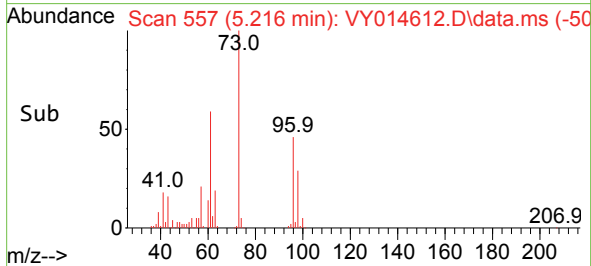


#19
Methyl tert-butyl Ether
Concen: 45.896 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Instrument :
MSVOA_Y
ClientSampleId :

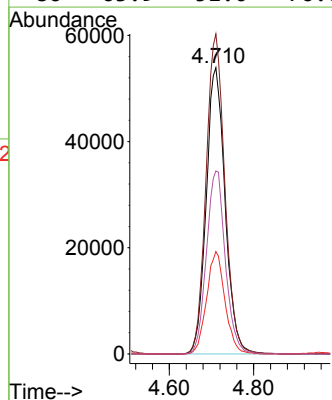
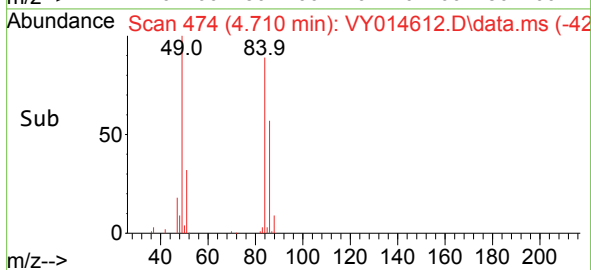
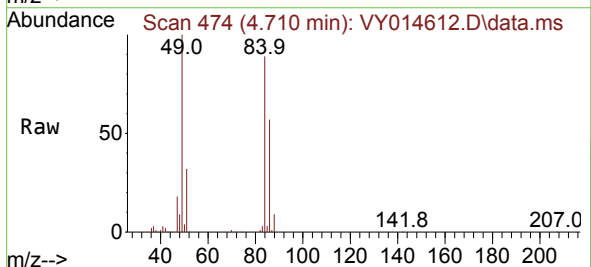


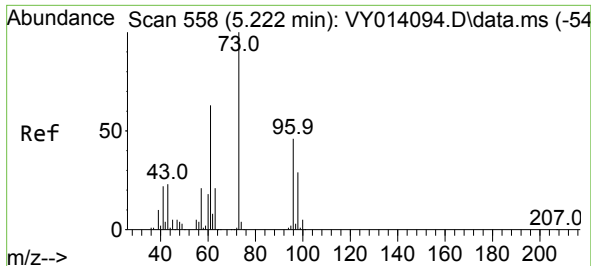
Tgt Ion: 73 Resp: 377633
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9



#20
Methylene Chloride
Concen: 49.015 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

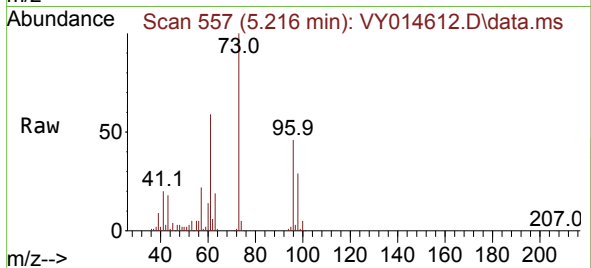
Tgt Ion: 84 Resp: 168158
Ion Ratio Lower Upper
84 100
49 111.8 106.9 160.3
51 35.8 33.2 49.8
86 63.9 51.0 76.6



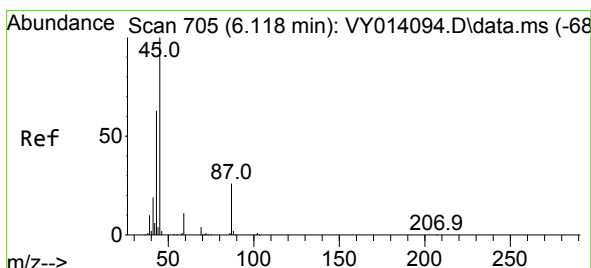
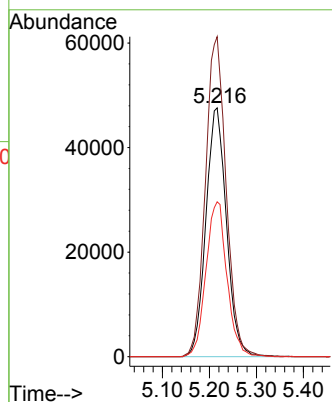
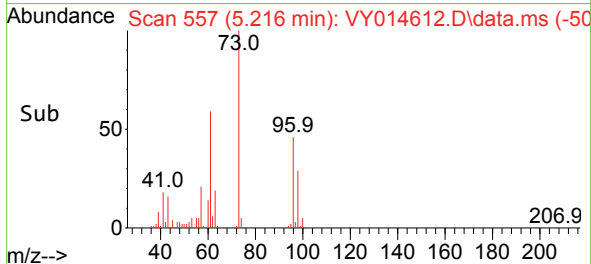


#21
trans-1,2-Dichloroethene
Concen: 44.680 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Instrument :
MSVOA_Y
ClientSampleId :

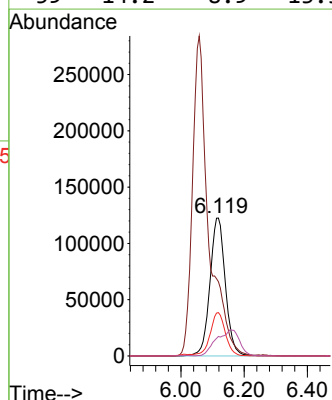
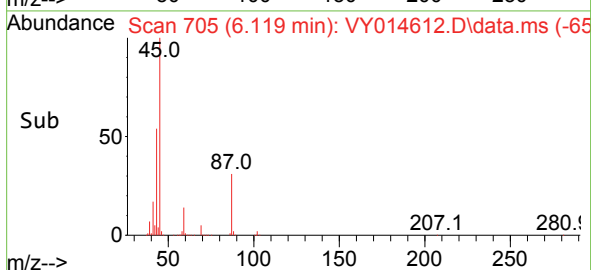
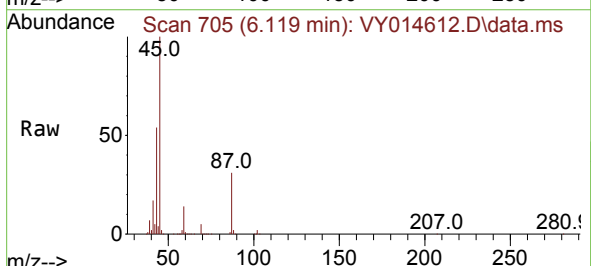


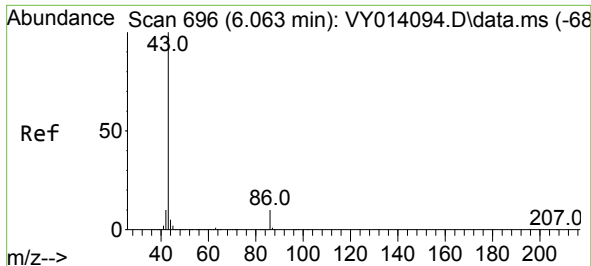
Tgt Ion: 96 Resp: 144790
Ion Ratio Lower Upper
96 100
61 128.6 110.2 165.4
98 62.3 51.8 77.6



#22
Diisopropyl ether
Concen: 46.699 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Tgt Ion: 45 Resp: 415219
Ion Ratio Lower Upper
45 100
43 53.7 52.2 78.4
87 31.4 21.0 31.6
59 14.2 8.9 13.3#

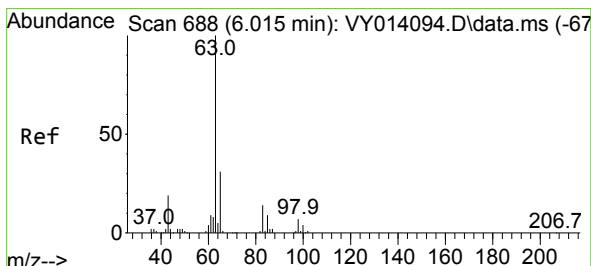
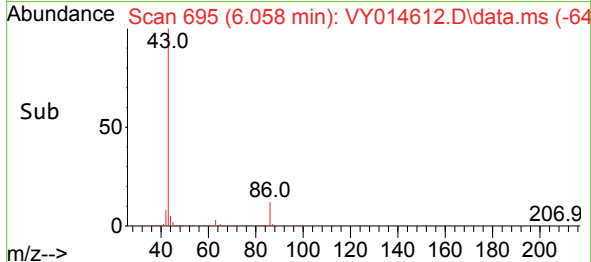
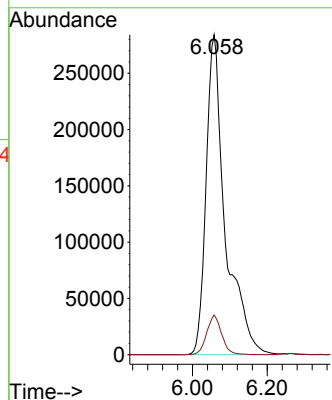
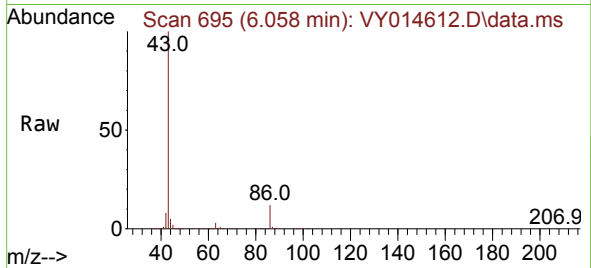




#23
 Vinyl Acetate
 Concen: 196.419 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.005 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55

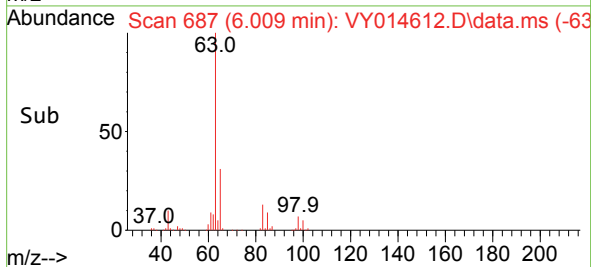
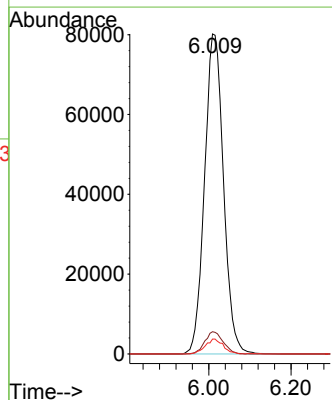
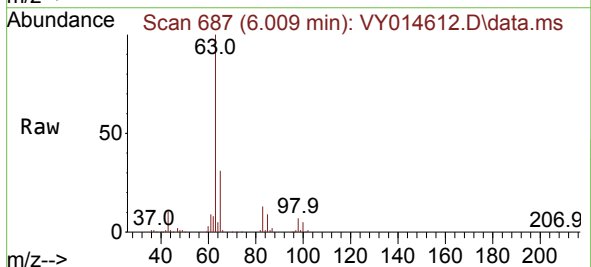
Instrument :
 MSVOA_Y
 ClientSampleId :

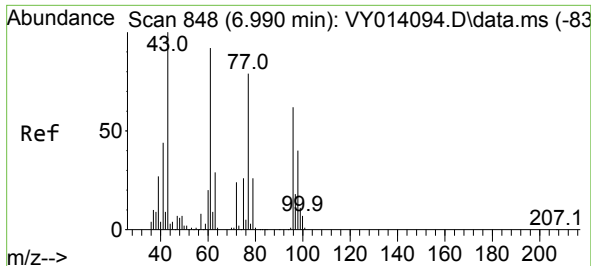
Tgt Ion: 43 Resp: 1010422
 Ion Ratio Lower Upper
 43 100
 86 12.4 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 45.892 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55

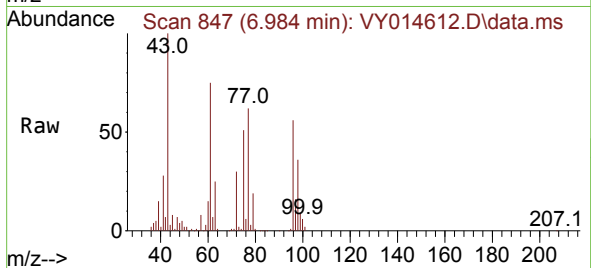
Tgt Ion: 63 Resp: 256159
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 4.7 1.8 5.5



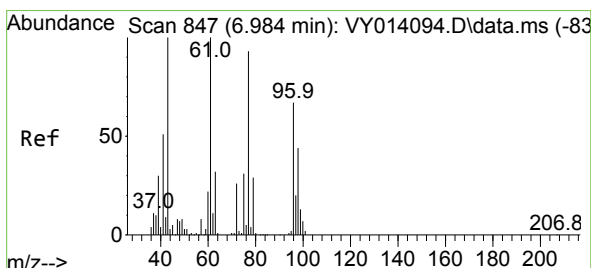
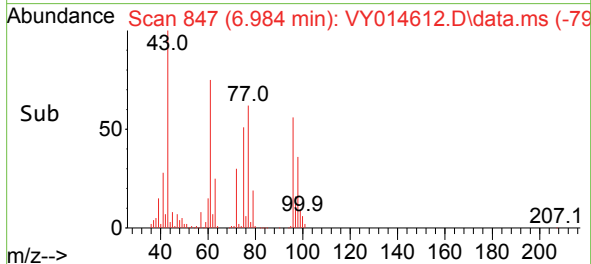
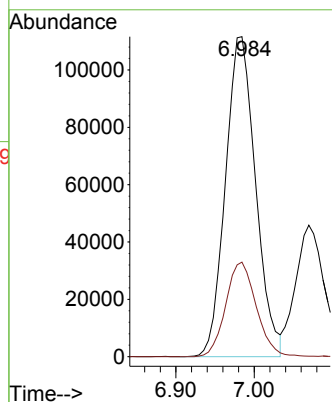


#25
2-Butanone
Concen: 213.223 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Instrument :
MSVOA_Y
ClientSampleId :

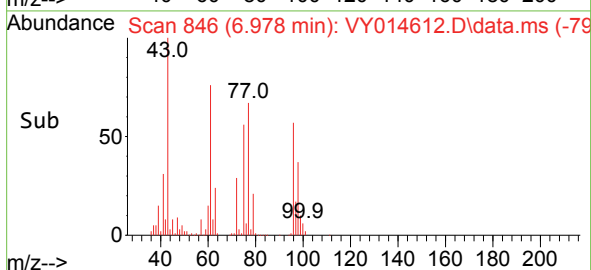
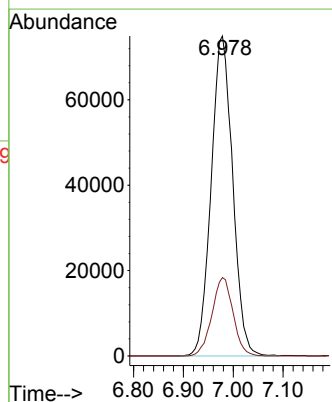
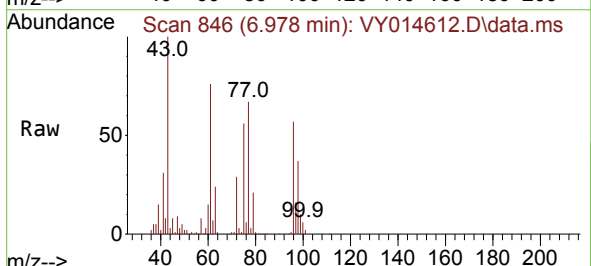


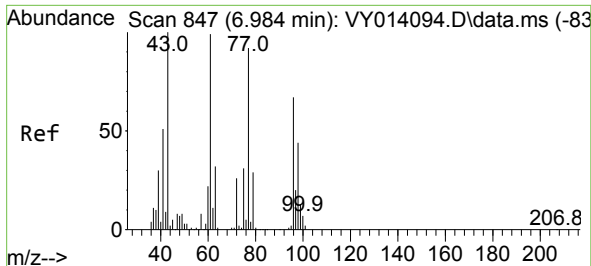
Tgt Ion: 43 Resp: 299371
Ion Ratio Lower Upper
43 100
72 29.5 20.5 30.7



#26
2,2-Dichloropropane
Concen: 47.178 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Tgt Ion: 77 Resp: 224456
Ion Ratio Lower Upper
77 100
97 24.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 46.446 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

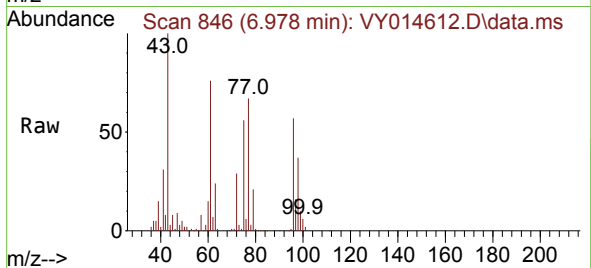
Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :



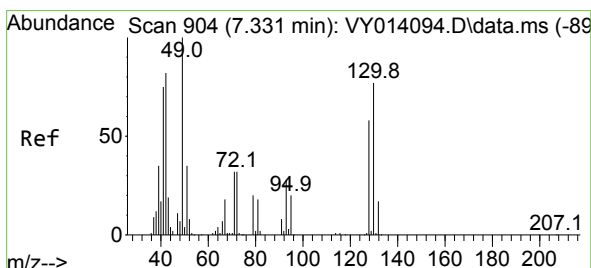
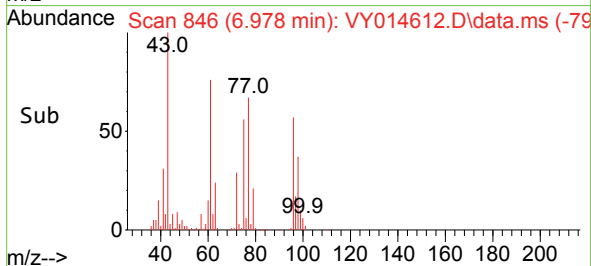
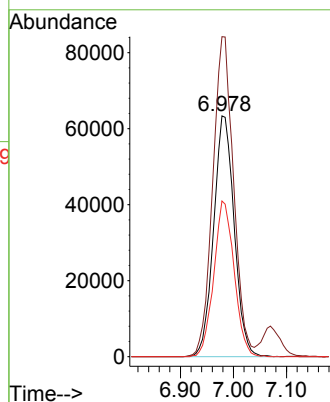
Tgt Ion: 96 Resp: 170735

Ion Ratio Lower Upper

96 100

61 134.5 0.0 301.4

98 64.0 0.0 130.4



#28

Bromochloromethane

Concen: 48.993 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.001 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

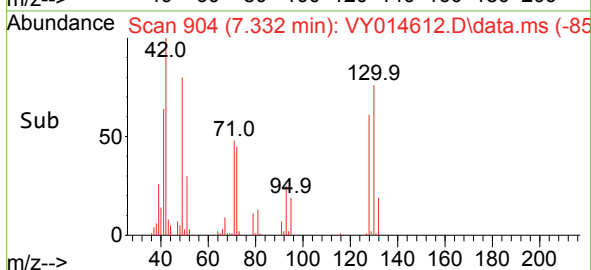
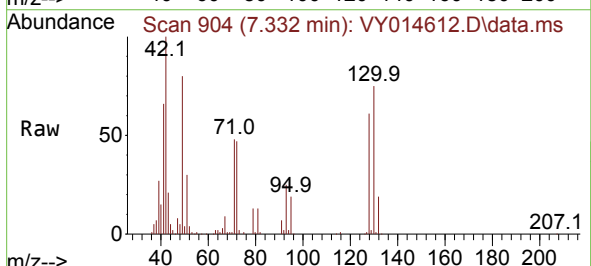
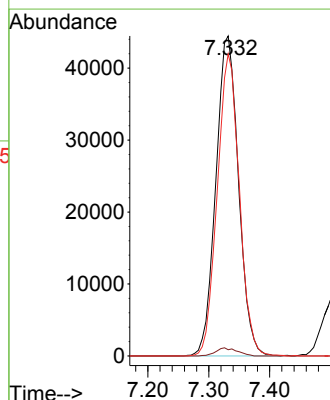
Tgt Ion: 49 Resp: 114831

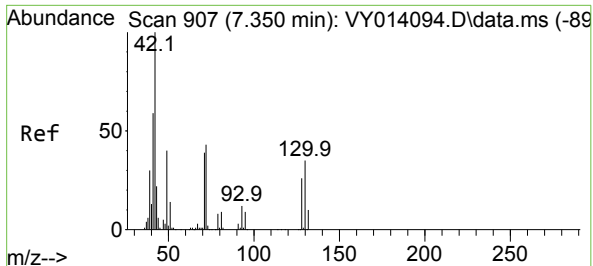
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 91.8 60.7 91.1#





#29

Tetrahydrofuran

Concen: 211.346 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :

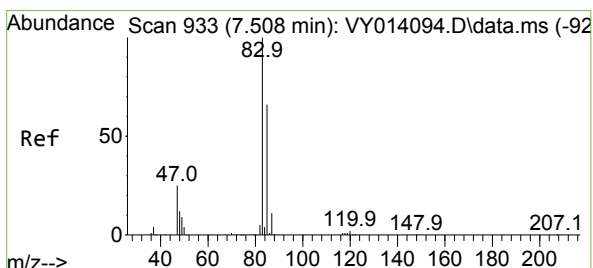
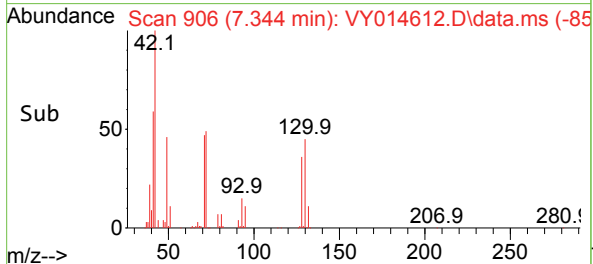
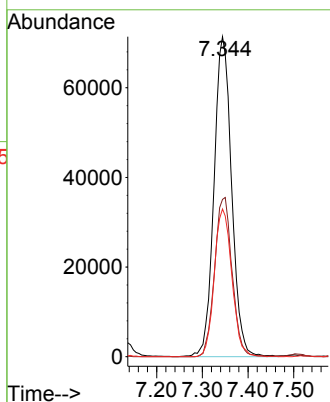
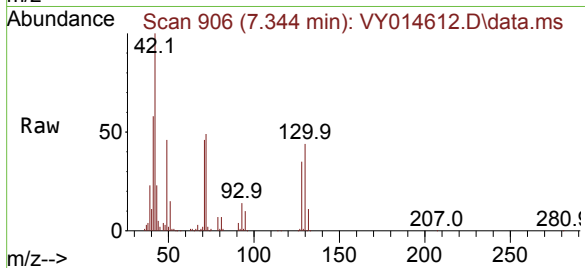
Tgt Ion: 42 Resp: 191400

Ion Ratio Lower Upper

42 100

72 49.5 32.8 49.2#

71 46.0 31.0 46.4



#30

Chloroform

Concen: 46.735 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.005 min

Lab File: VY014612.D

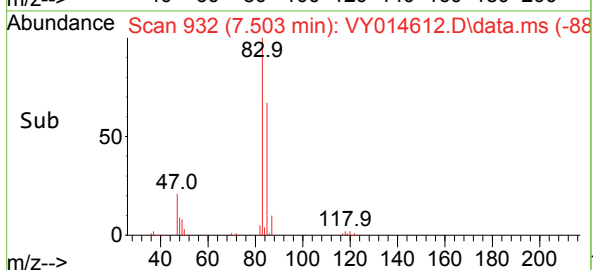
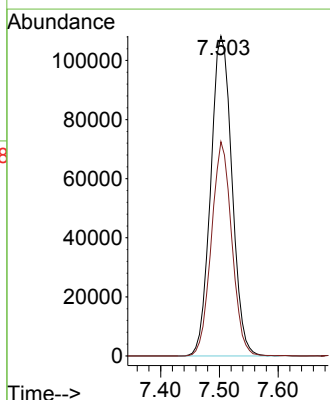
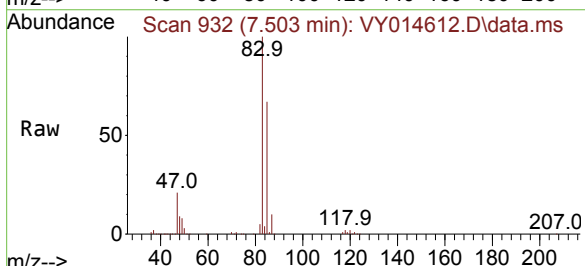
Acq: 10 Jul 2023 12:55

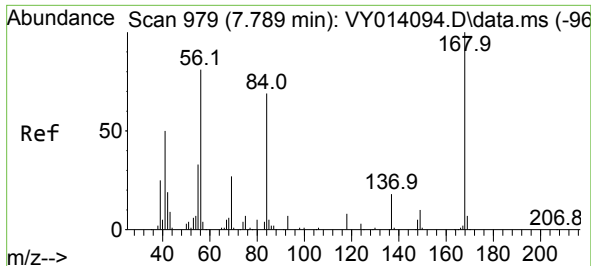
Tgt Ion: 83 Resp: 272124

Ion Ratio Lower Upper

83 100

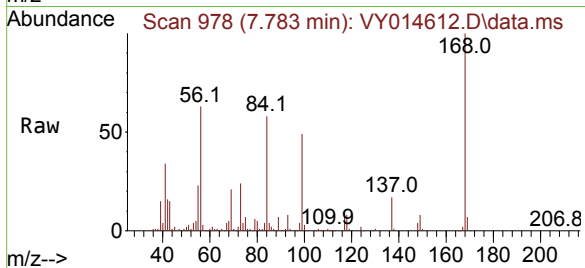
85 67.0 49.7 74.5



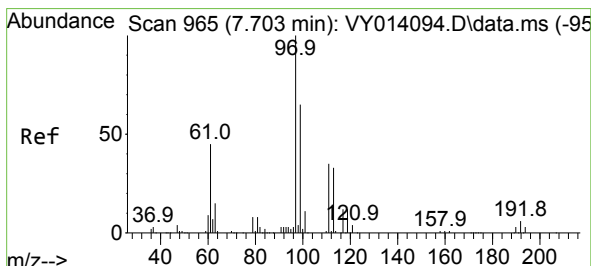
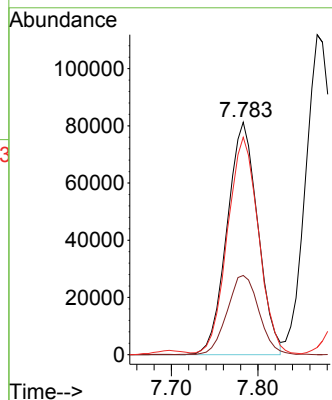
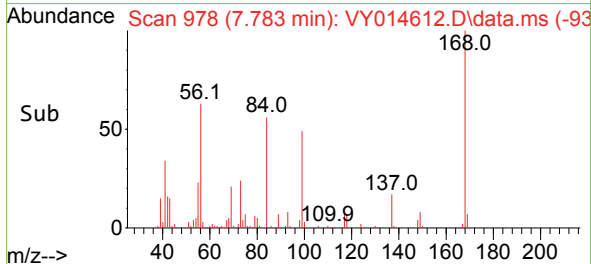


#31
Cyclohexane
Concen: 42.148 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Instrument :
MSVOA_Y
ClientSampleId :

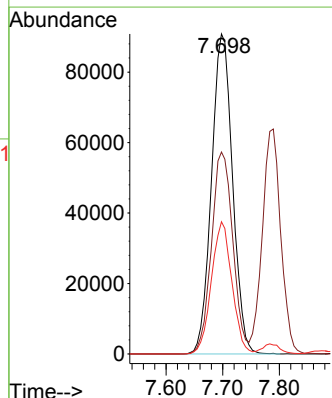
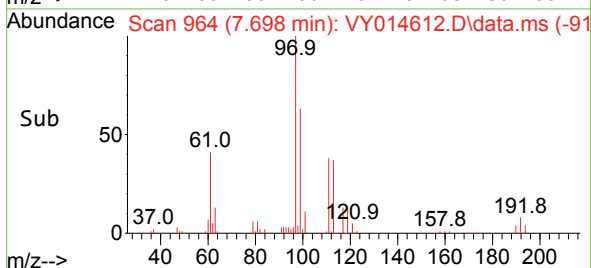
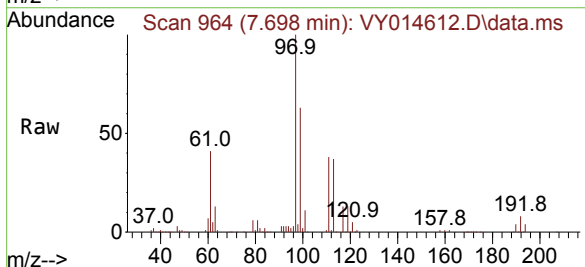


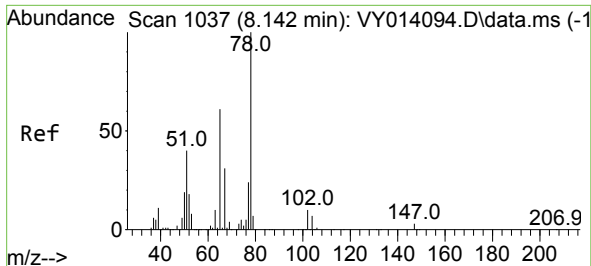
Tgt Ion: 56 Resp: 200778
Ion Ratio Lower Upper
56 100
69 33.9 27.8 41.6
84 92.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 47.068 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.005 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Tgt Ion: 97 Resp: 234258
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 40.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.142 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.005 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

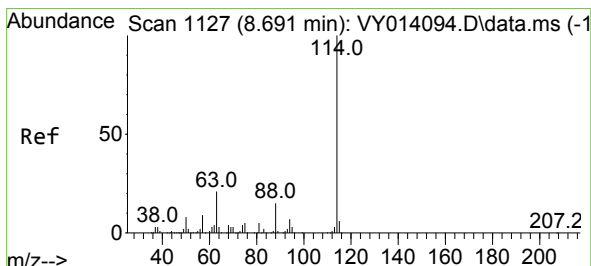
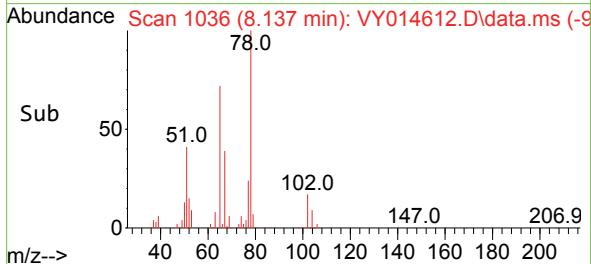
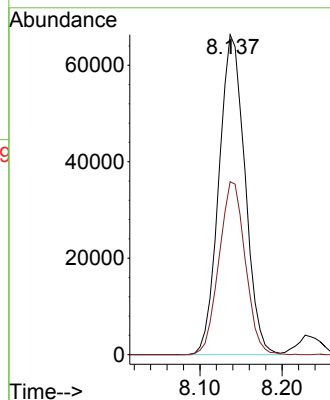
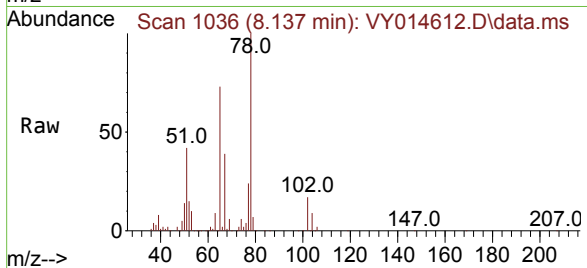
ClientSampleId :

Tgt Ion: 65 Resp: 146177

Ion Ratio Lower Upper

65 100

67 54.5 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: VY014612.D

Acq: 10 Jul 2023 12:55

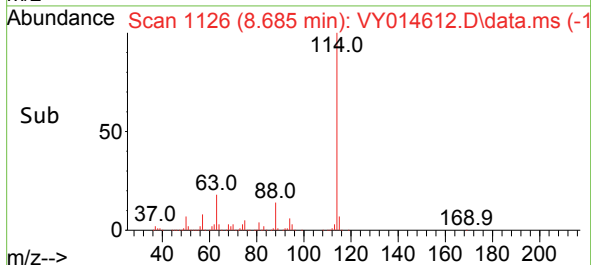
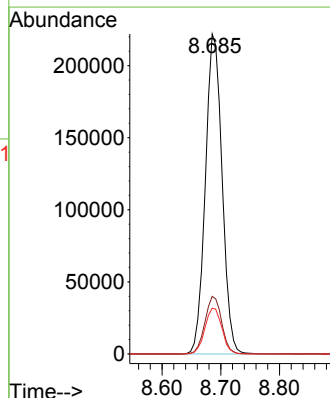
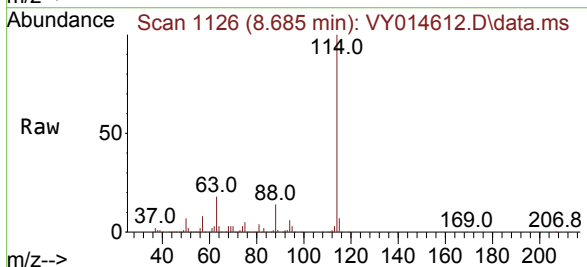
Tgt Ion: 114 Resp: 439341

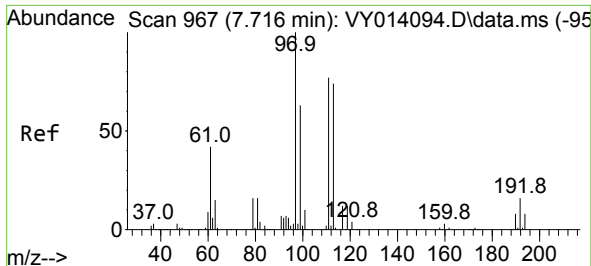
Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

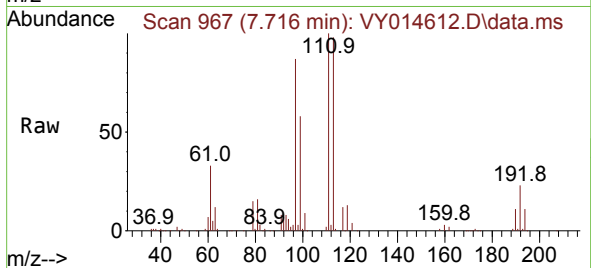
88 14.3 0.0 30.6



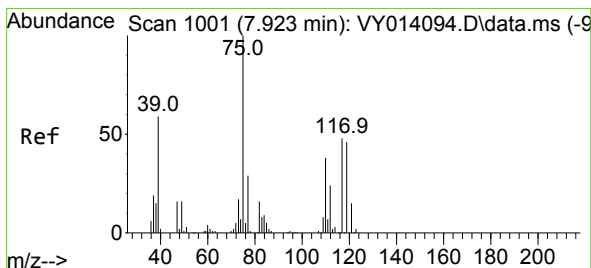
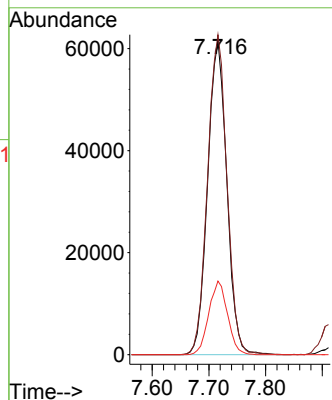
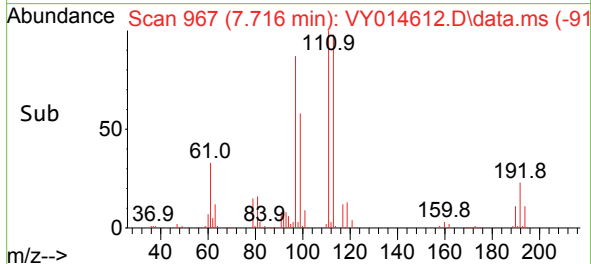


#35
Dibromofluoromethane
Concen: 53.296 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

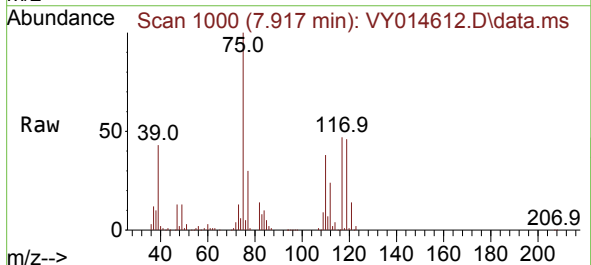
Instrument :
MSVOA_Y
ClientSampleId :



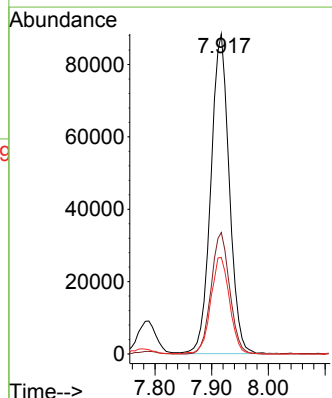
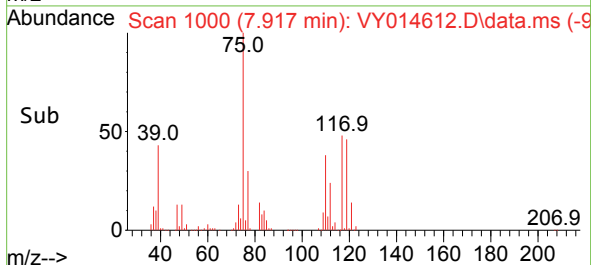
Tgt Ion:113 Resp: 144192
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 23.0 16.9 25.3

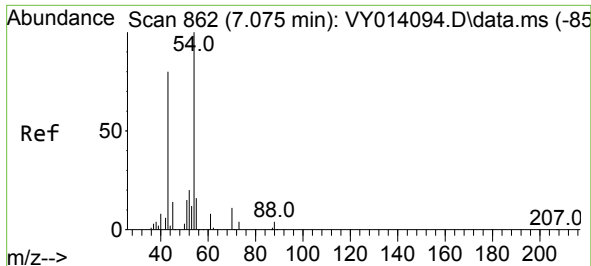


#36
1,1-Dichloropropene
Concen: 47.998 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55



Tgt Ion: 75 Resp: 198866
Ion Ratio Lower Upper
75 100
110 38.3 17.8 53.5
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 42.269 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.005 min

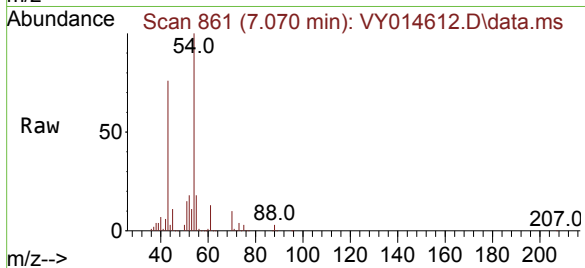
Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :



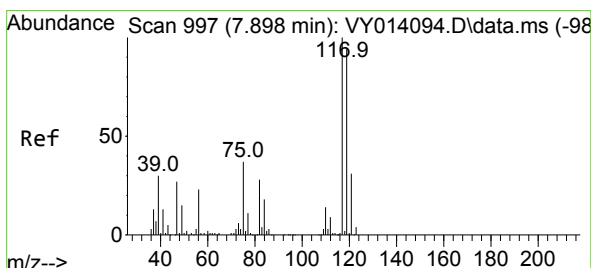
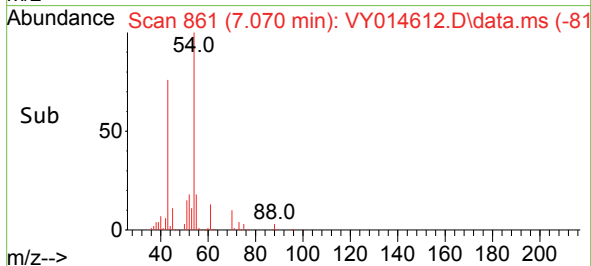
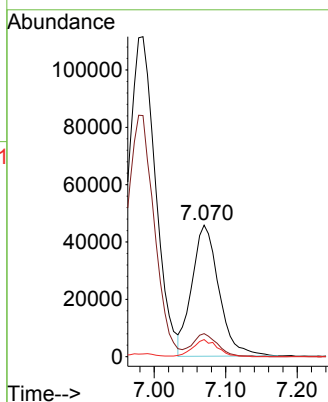
Tgt Ion: 43 Resp: 120102

Ion Ratio Lower Upper

43 100

61 16.3 10.1 15.1#

70 11.8 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 48.593 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.001 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

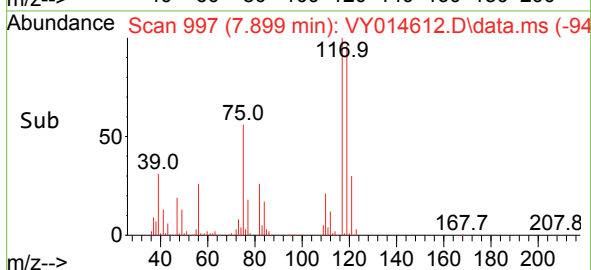
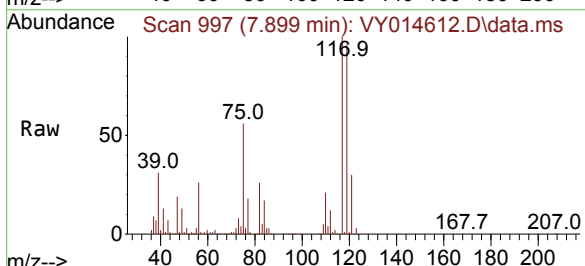
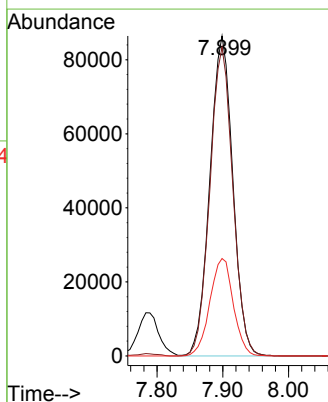
Tgt Ion: 117 Resp: 210168

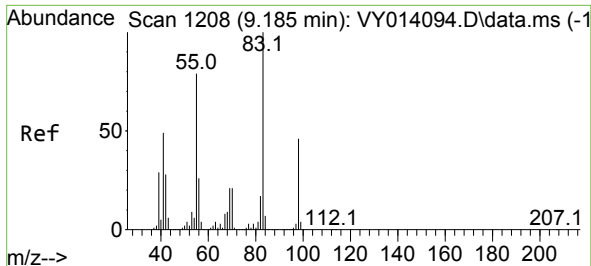
Ion Ratio Lower Upper

117 100

119 96.4 76.4 114.6

121 30.5 25.8 38.6





#39

Methylcyclohexane

Concen: 42.386 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

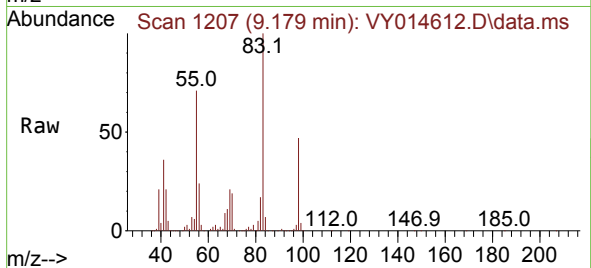
Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :



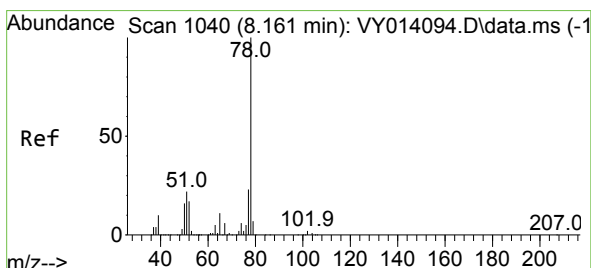
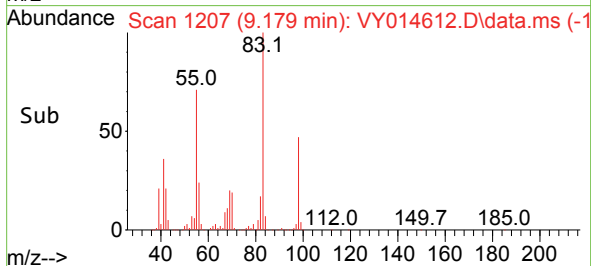
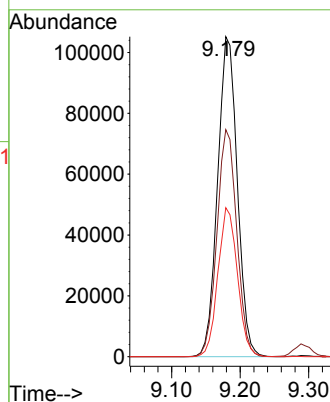
Tgt Ion: 83 Resp: 209908

Ion Ratio Lower Upper

83 100

55 71.0 63.0 94.4

98 46.5 37.4 56.2



#40

Benzene

Concen: 46.900 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY014612.D

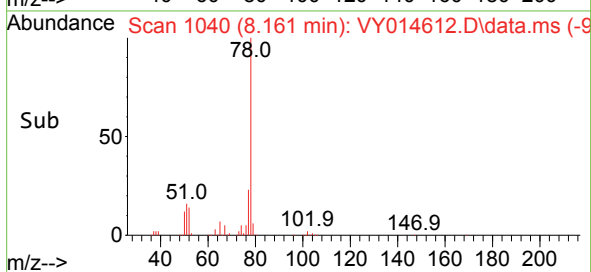
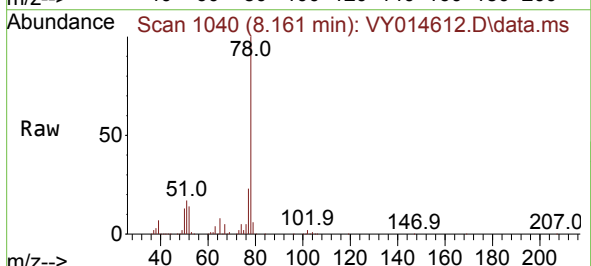
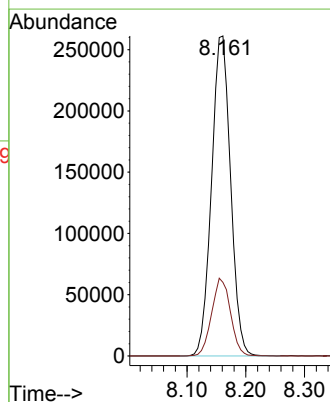
Acq: 10 Jul 2023 12:55

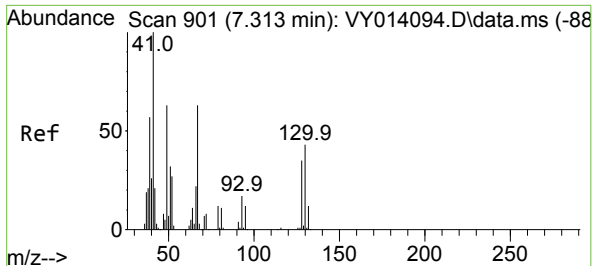
Tgt Ion: 78 Resp: 588203

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.6

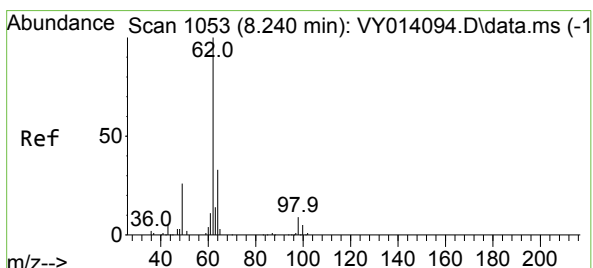
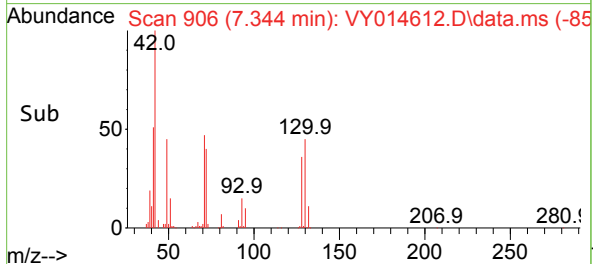
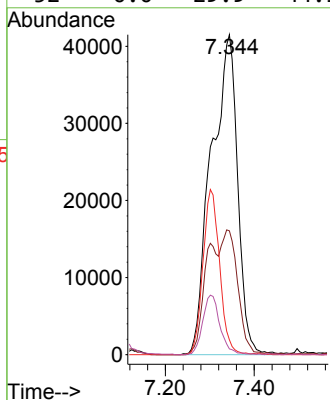
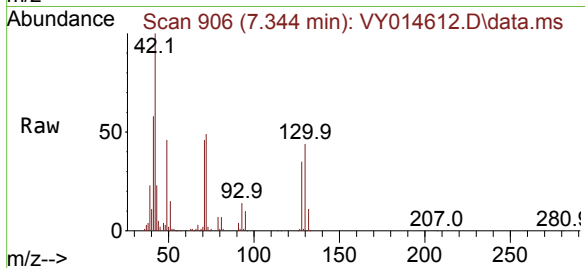




#41
Methacrylonitrile
Concen: 122.730 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

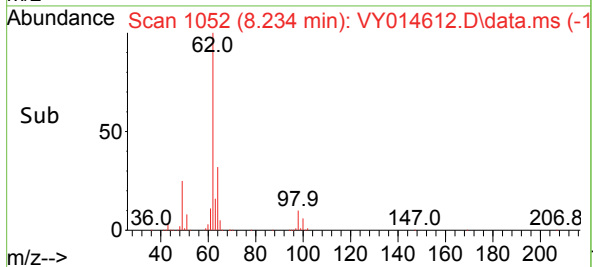
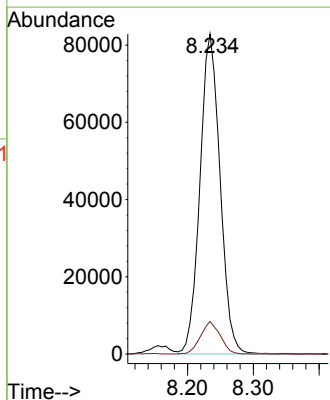
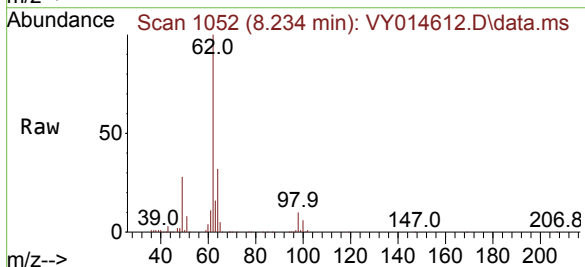
Instrument :
MSVOA_Y
ClientSampleId :

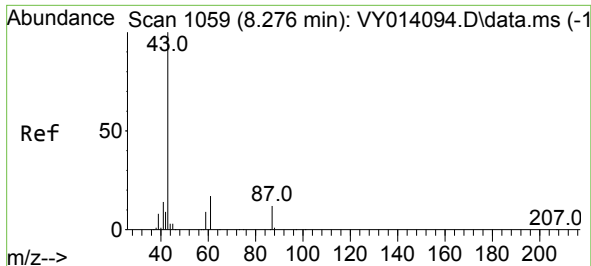
Tgt Ion: 41 Resp: 170365
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 47.812 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

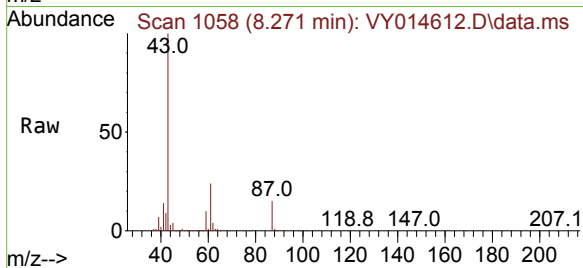
Tgt Ion: 62 Resp: 176249
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8



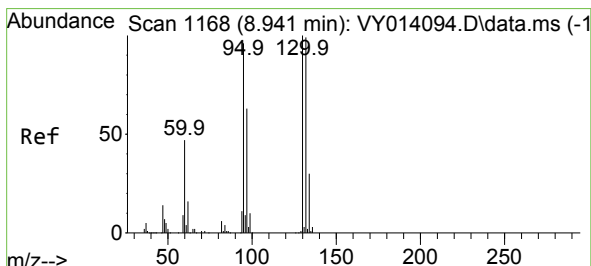
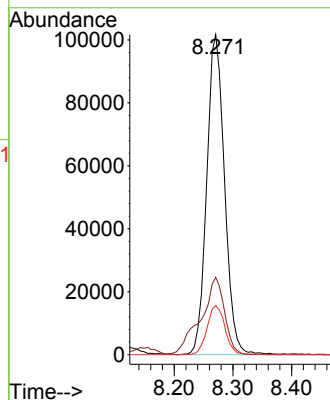
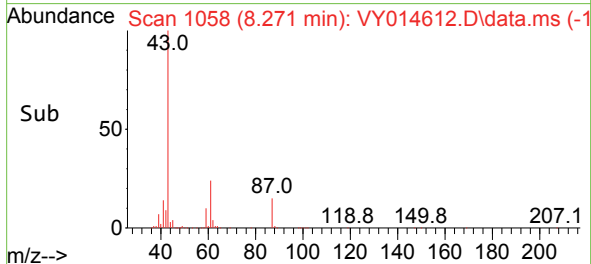


#43
Isopropyl Acetate
Concen: 44.539 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.005 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Instrument :
MSVOA_Y
ClientSampleId :

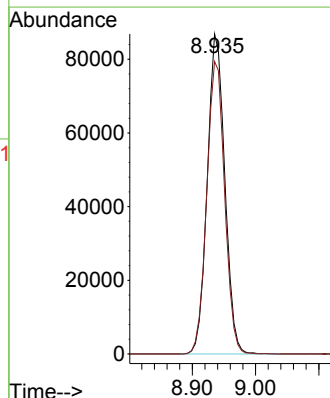
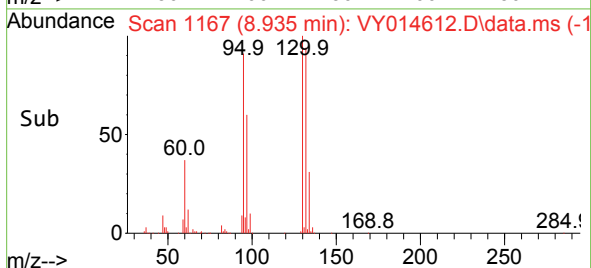
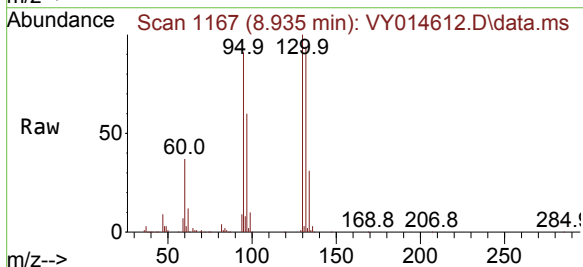


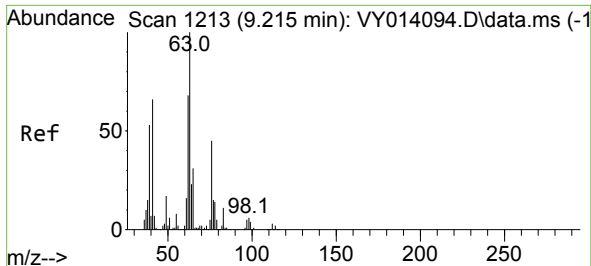
Tgt Ion: 43 Resp: 214466
Ion Ratio Lower Upper
43 100
61 32.0 21.1 31.7#
87 15.4 9.8 14.8#



#44
Trichloroethene
Concen: 47.894 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Tgt Ion:130 Resp: 167457
Ion Ratio Lower Upper
130 100
95 91.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 47.822 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

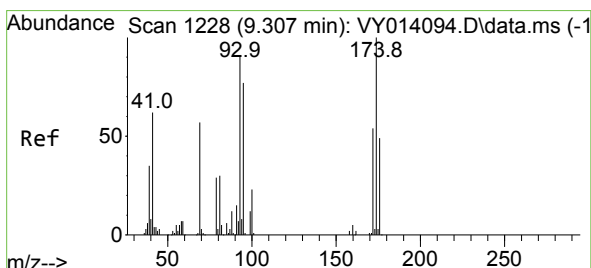
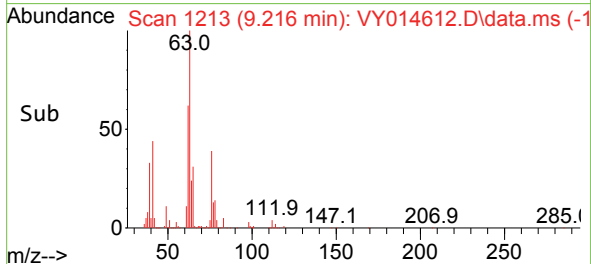
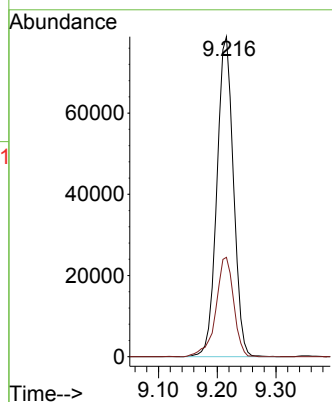
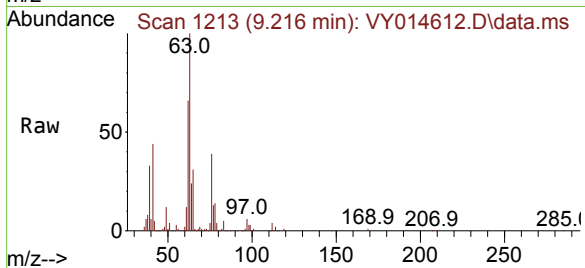
ClientSampleId :

Tgt Ion: 63 Resp: 153860

Ion Ratio Lower Upper

63 100

65 31.1 23.8 35.6



#46

Dibromomethane

Concen: 47.722 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

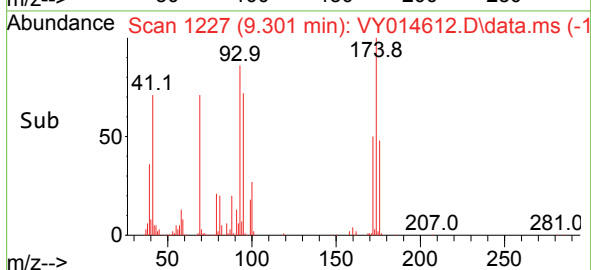
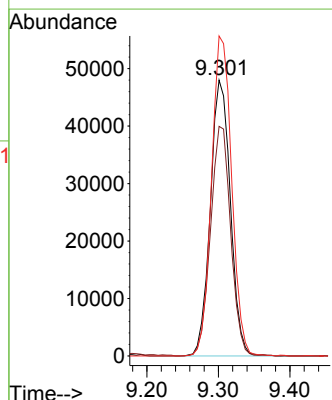
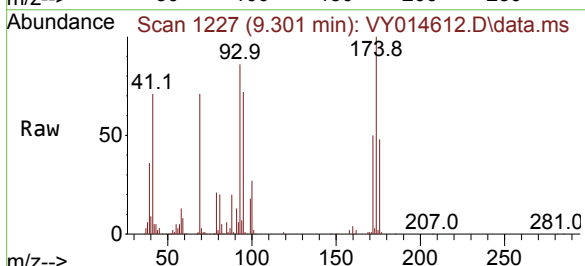
Tgt Ion: 93 Resp: 93472

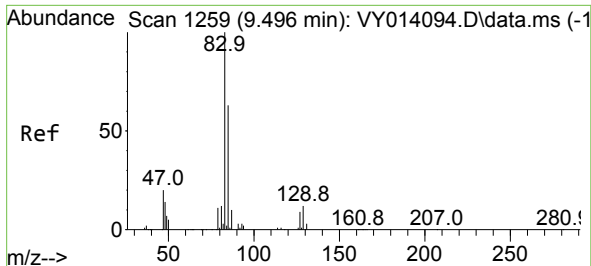
Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

174 116.5 84.8 127.2

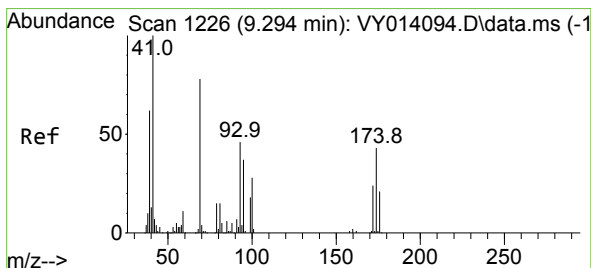
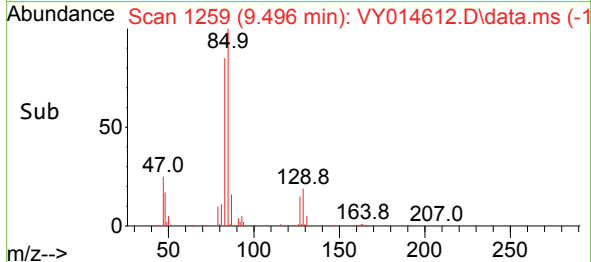
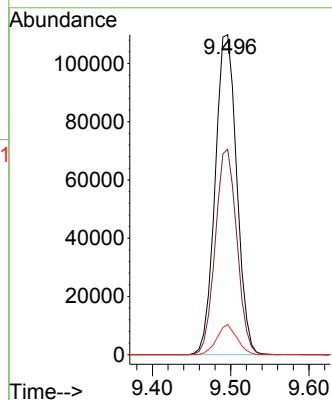
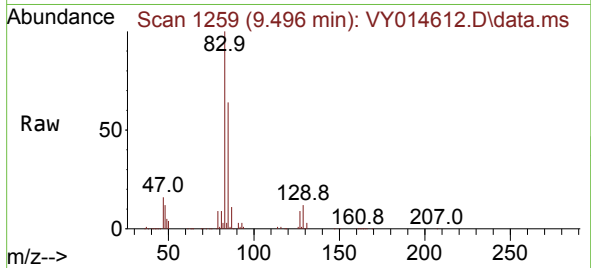




#47
Bromodichloromethane
Concen: 48.685 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

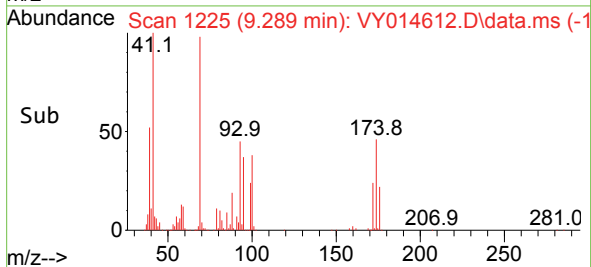
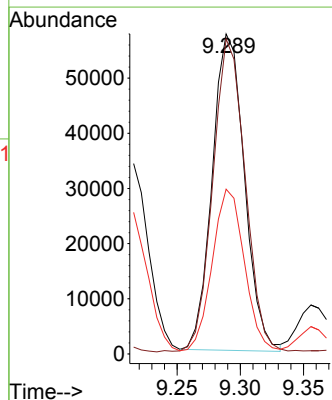
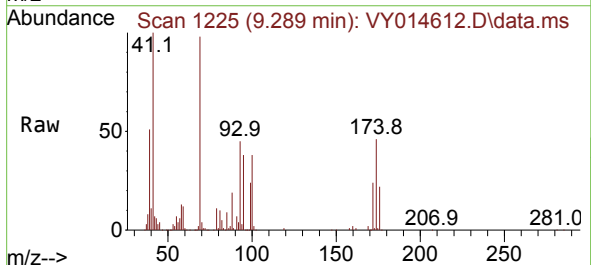
Instrument :
MSVOA_Y
ClientSampleId :

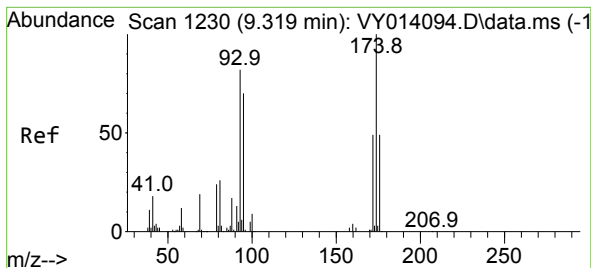
Tgt Ion: 83 Resp: 210110
Ion Ratio Lower Upper
83 100
85 64.2 50.1 75.1
127 9.4 7.1 10.7



#48
Methyl methacrylate
Concen: 46.361 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Tgt Ion: 41 Resp: 101516
Ion Ratio Lower Upper
41 100
69 99.6 64.5 96.7#
39 53.0 50.8 76.2





#49

1,4-Dioxane

Concen: 883.950 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.024 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :

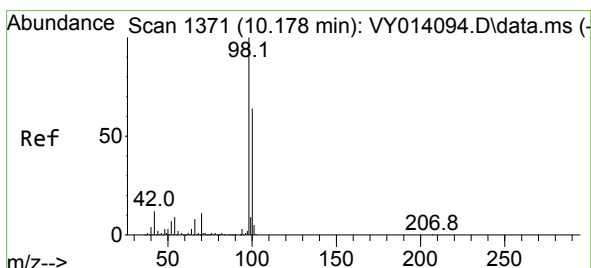
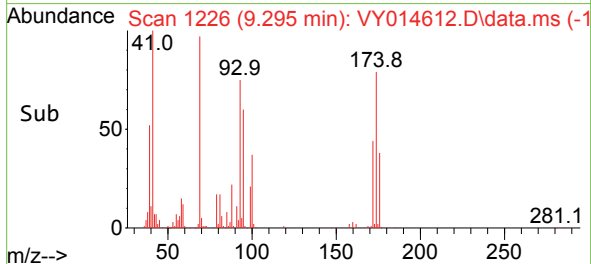
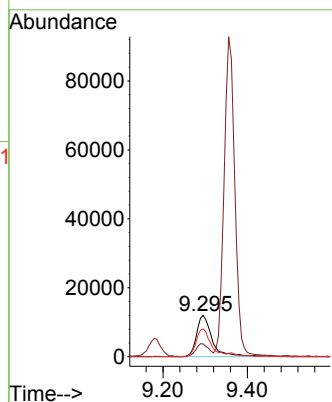
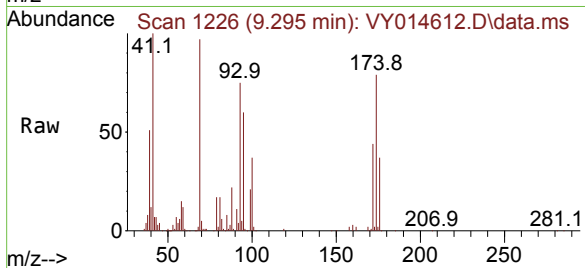
Tgt Ion: 88 Resp: 30917

Ion Ratio Lower Upper

88 100

43 26.6 0.0 0.0#

58 62.5 30.9 46.3#



#50

Toluene-d8

Concen: 50.365 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014612.D

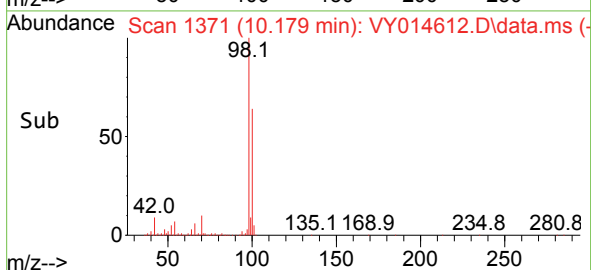
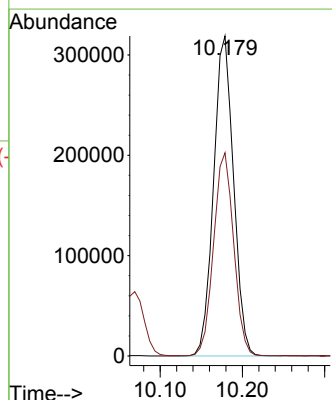
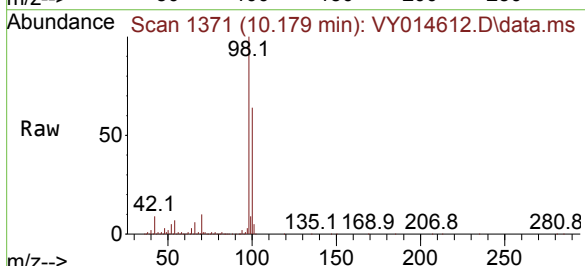
Acq: 10 Jul 2023 12:55

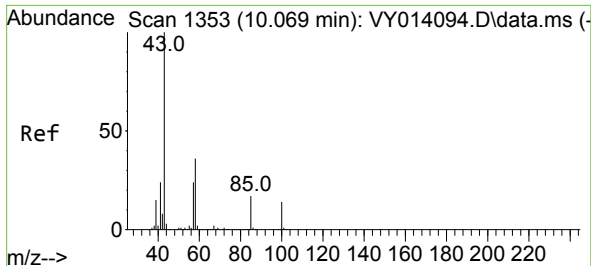
Tgt Ion: 98 Resp: 538662

Ion Ratio Lower Upper

98 100

100 63.8 50.1 75.1

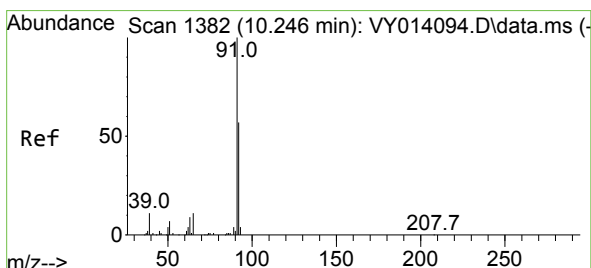
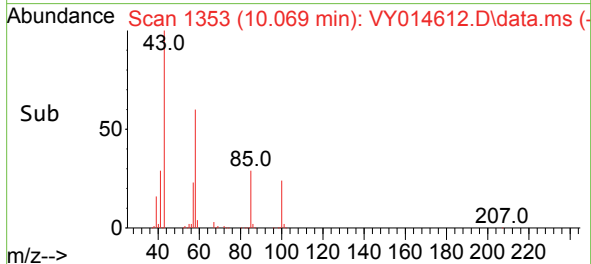
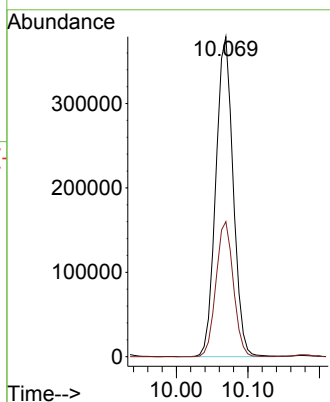
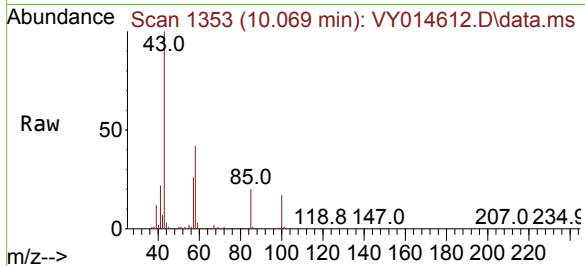




#51
4-Methyl-2-Pentanone
Concen: 223.884 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

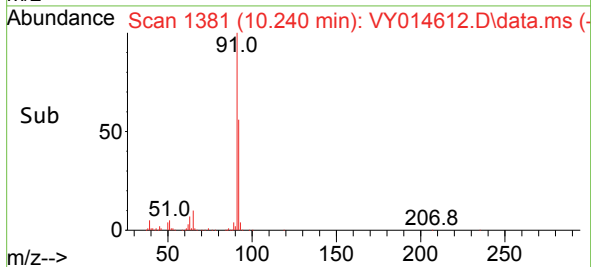
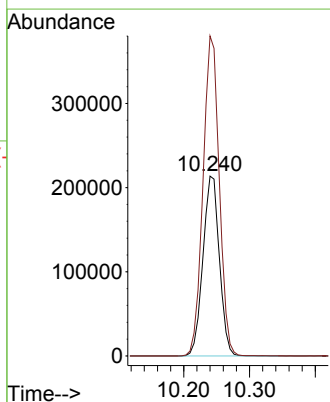
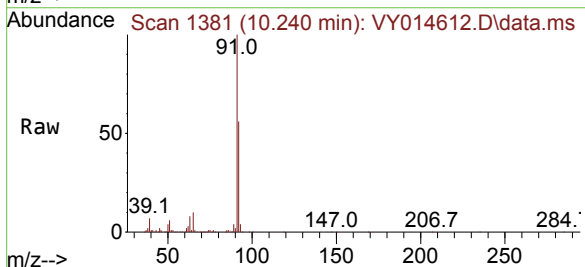
Instrument :
MSVOA_Y
ClientSampleId :

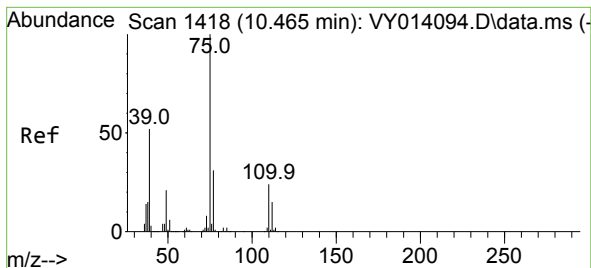
Tgt Ion: 43 Resp: 638234
Ion Ratio Lower Upper
43 100
58 42.3 29.0 43.6



#52
Toluene
Concen: 46.978 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Tgt Ion: 92 Resp: 370766
Ion Ratio Lower Upper
92 100
91 176.4 143.8 215.6

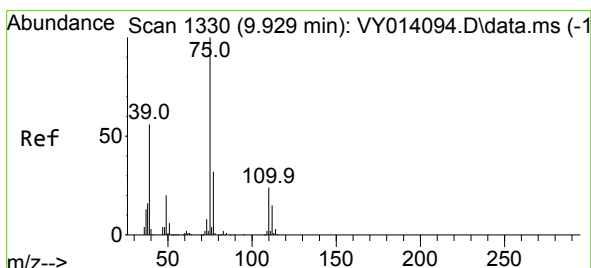
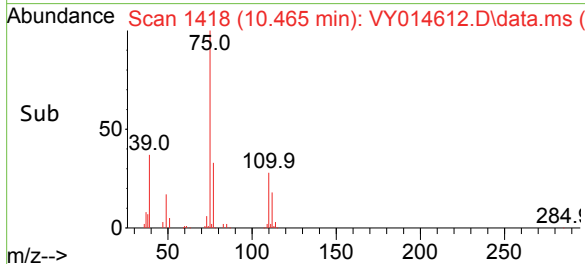
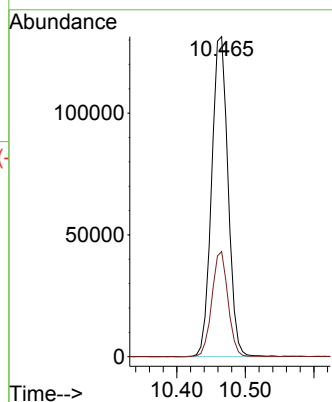
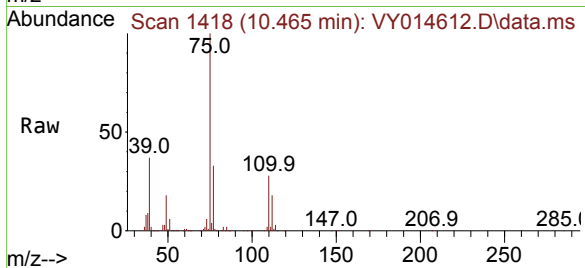




#53
 t-1,3-Dichloropropene
 Concen: 47.497 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55

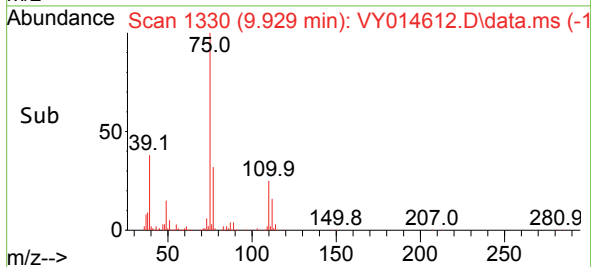
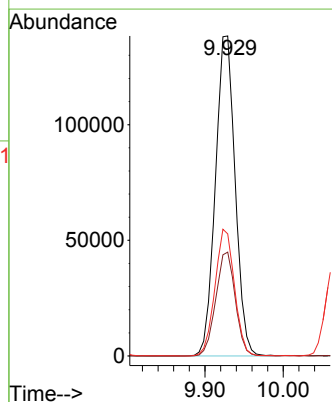
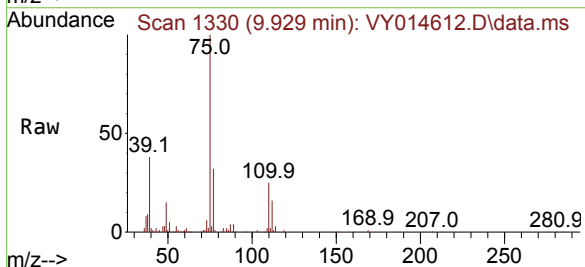
Instrument :
 MSVOA_Y
 ClientSampleId :

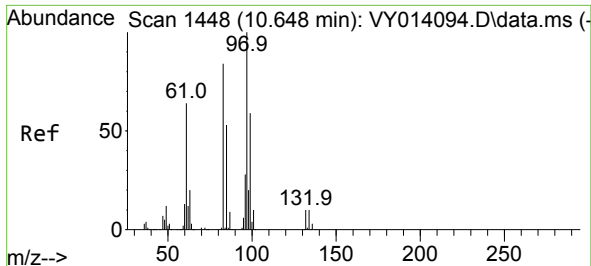
Tgt Ion: 75 Resp: 219199
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 47.171 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55

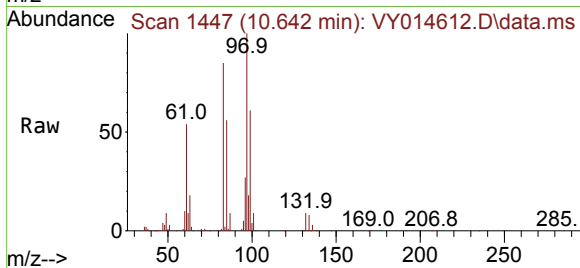
Tgt Ion: 75 Resp: 242892
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.2 36.4
 39 38.1 42.2 63.4#



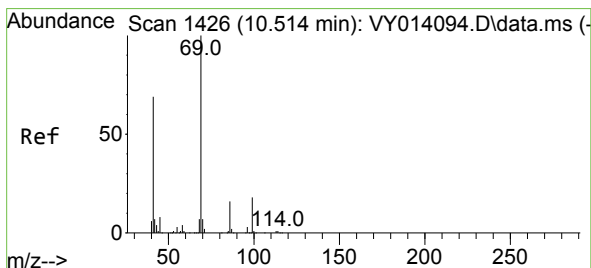
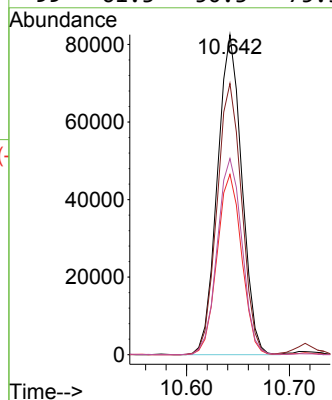
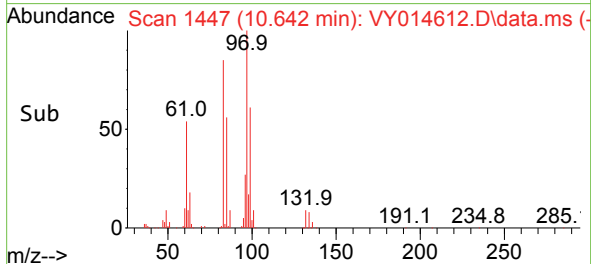


#55
1,1,2-Trichloroethane
Concen: 47.853 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Instrument :
MSVOA_Y
ClientSampleId :

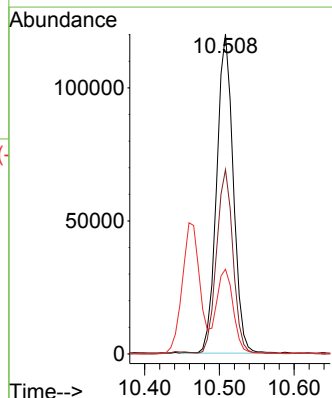
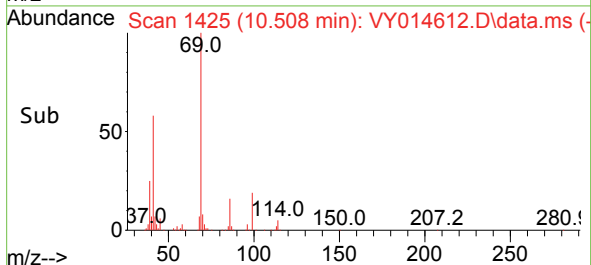
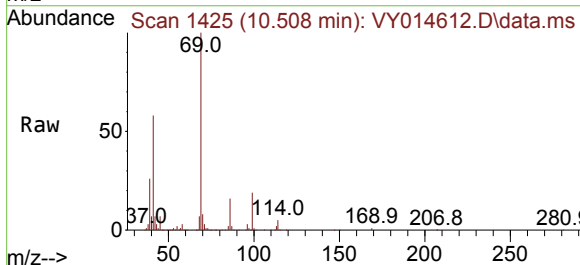


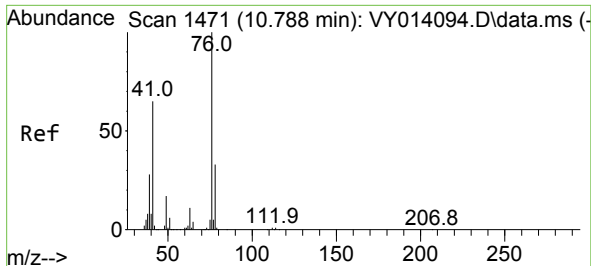
Tgt Ion: 97 Resp: 136384
Ion Ratio Lower Upper
97 100
83 84.8 72.0 108.0
85 56.3 45.4 68.0
99 61.3 50.3 75.5



#56
Ethyl methacrylate
Concen: 47.656 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Tgt Ion: 69 Resp: 184760
Ion Ratio Lower Upper
69 100
41 56.8 57.6 86.4#
39 27.5 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 47.480 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

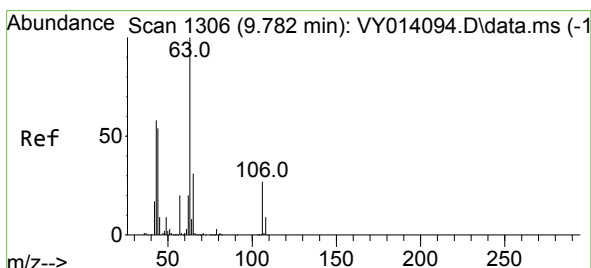
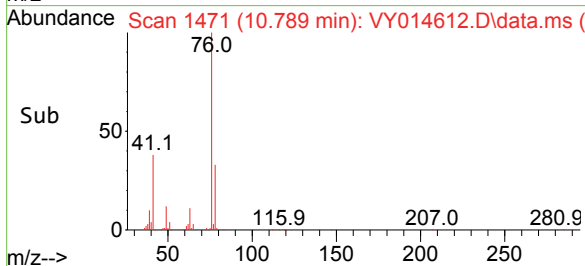
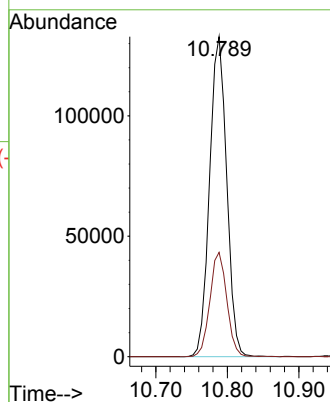
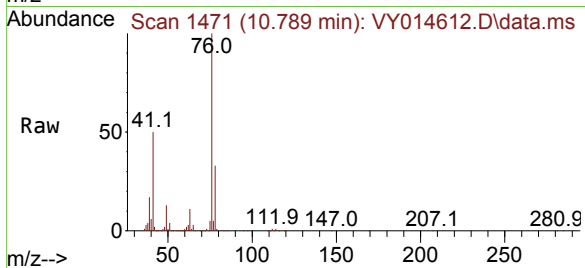
ClientSampleId :

Tgt Ion: 76 Resp: 220488

Ion Ratio Lower Upper

76 100

78 32.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 258.675 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY014612.D

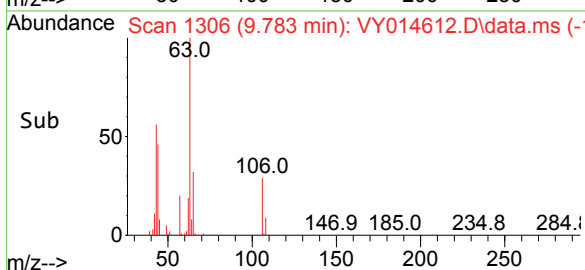
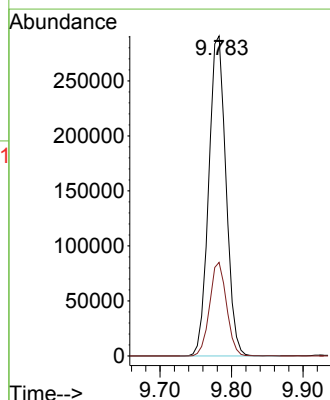
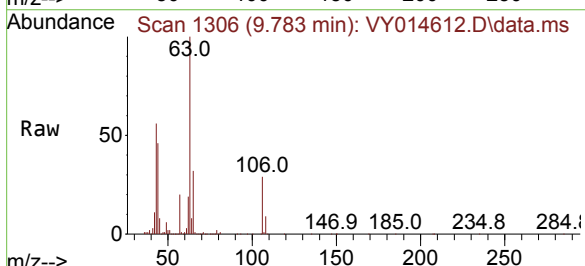
Acq: 10 Jul 2023 12:55

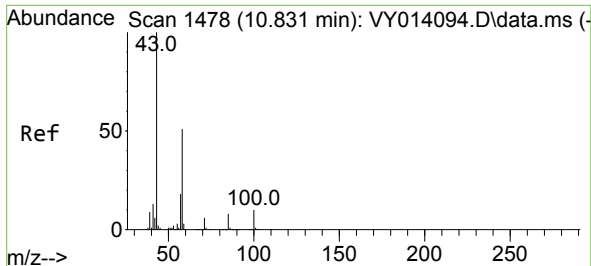
Tgt Ion: 63 Resp: 485844

Ion Ratio Lower Upper

63 100

106 28.8 21.2 31.8

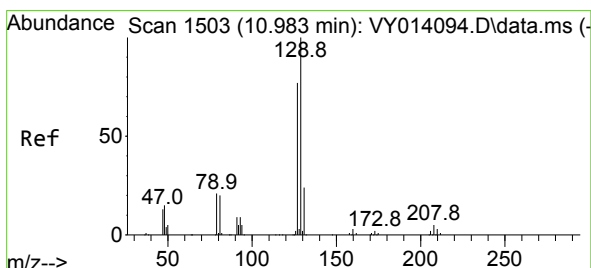
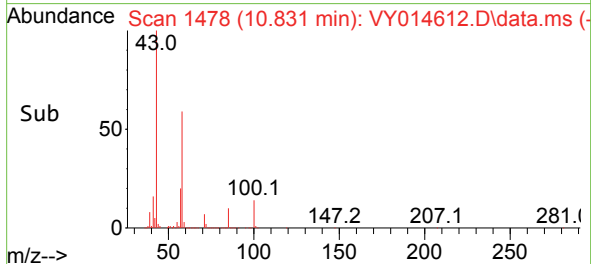
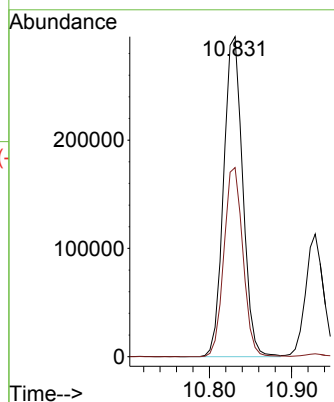
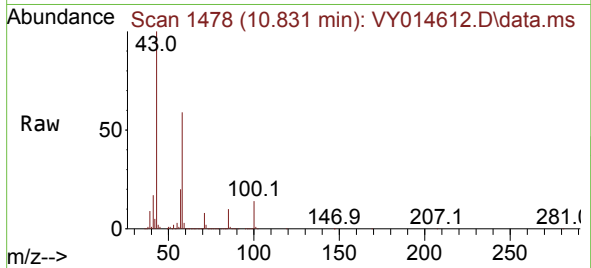




#59
2-Hexanone
Concen: 231.506 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

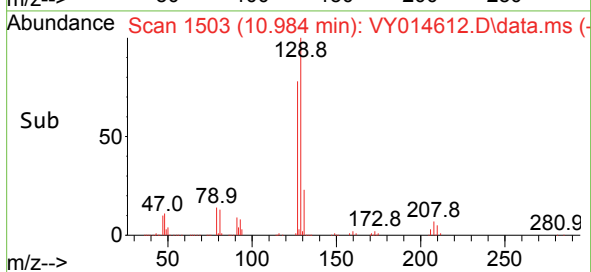
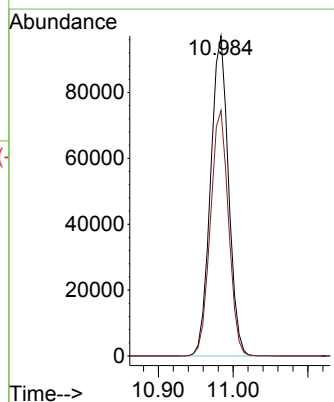
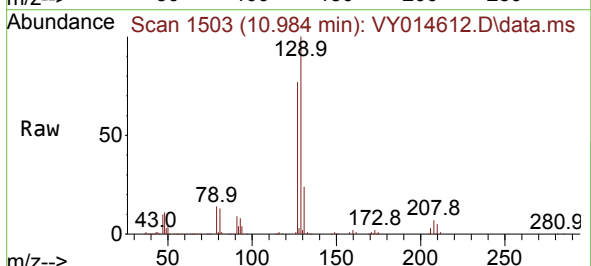
Instrument :
MSVOA_Y
ClientSampleId :

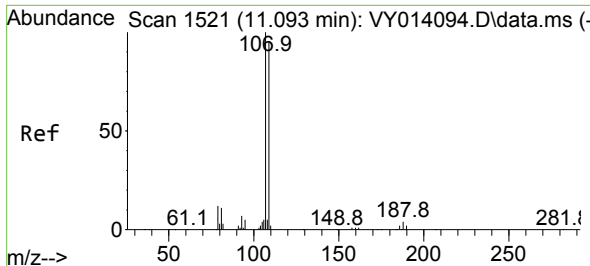
Tgt Ion: 43 Resp: 476730
Ion Ratio Lower Upper
43 100
58 58.8 25.1 75.3



#60
Dibromochloromethane
Concen: 48.502 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Tgt Ion: 129 Resp: 161978
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

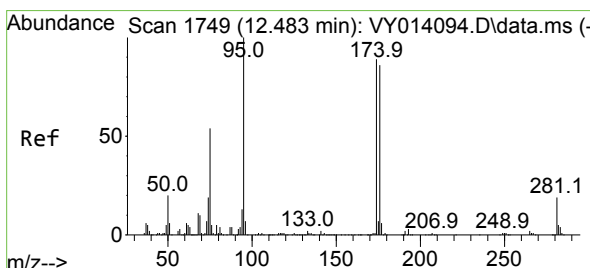
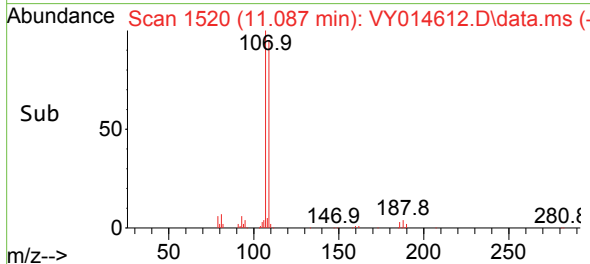
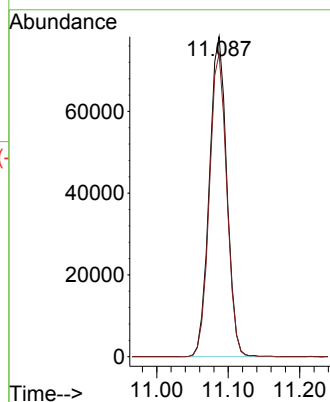
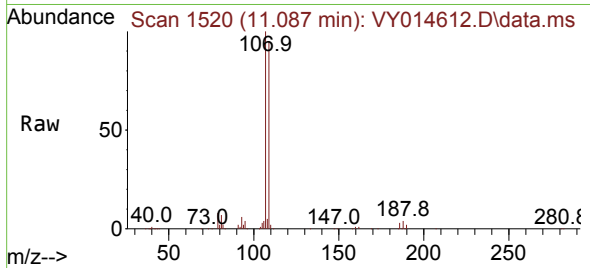




#61
1,2-Dibromoethane
Concen: 47.660 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

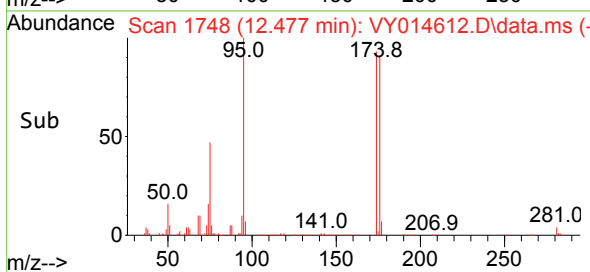
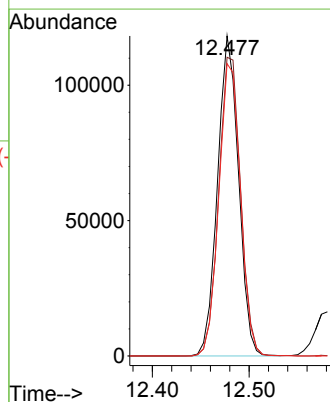
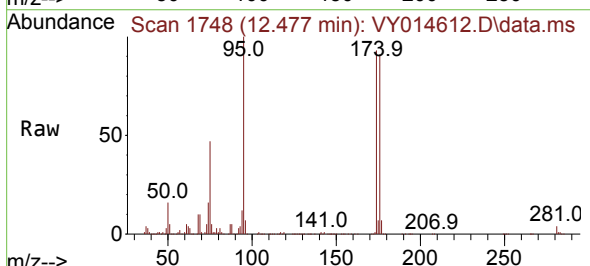
Instrument :
MSVOA_Y
ClientSampleId :

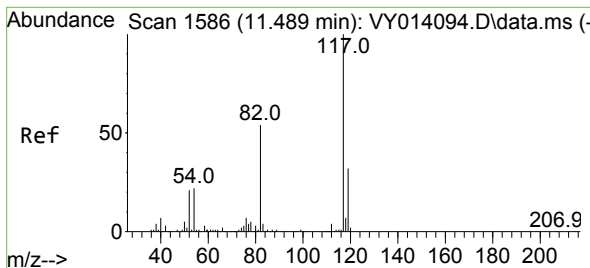
Tgt Ion:107 Resp: 132612
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.914 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Tgt Ion: 95 Resp: 177942
Ion Ratio Lower Upper
95 100
174 97.2 0.0 178.2
176 94.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

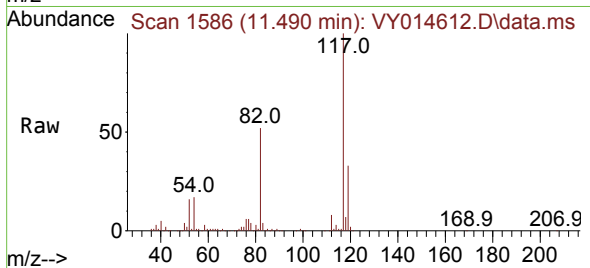
Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :



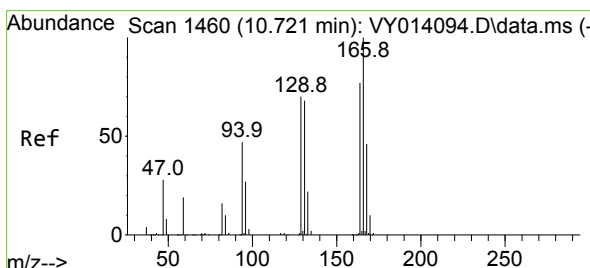
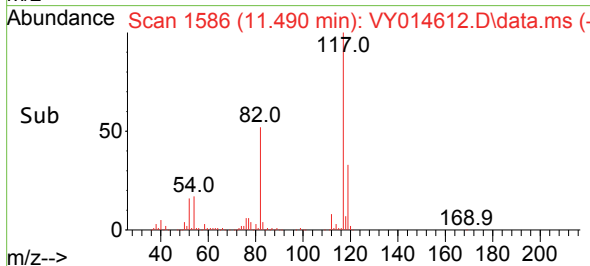
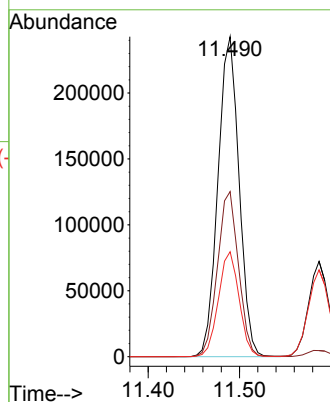
Tgt Ion:117 Resp: 389895

Ion Ratio Lower Upper

117 100

82 51.6 43.4 65.0

119 32.7 26.3 39.5



#64

Tetrachloroethene

Concen: 52.159 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Tgt Ion:164 Resp: 181795

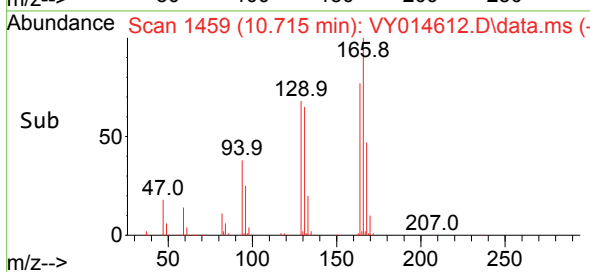
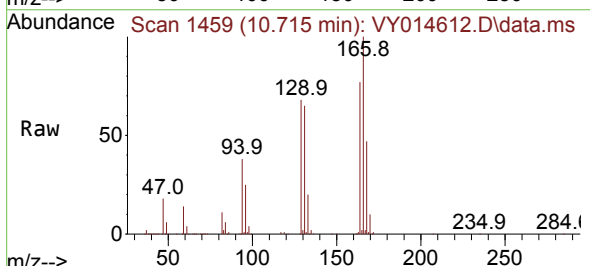
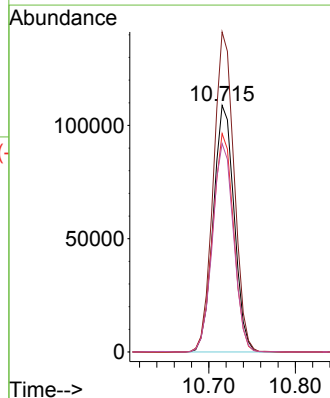
Ion Ratio Lower Upper

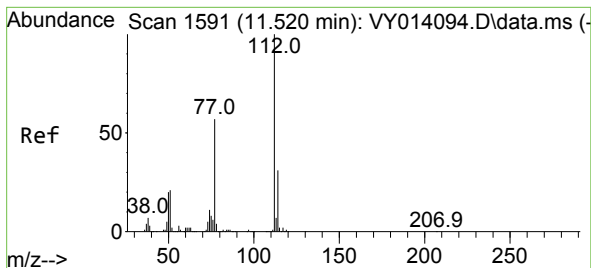
164 100

166 129.8 103.0 154.6

129 88.6 77.2 115.8

131 84.5 69.6 104.4





#65

Chlorobenzene

Concen: 48.284 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

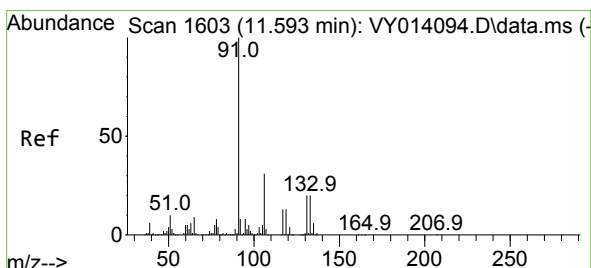
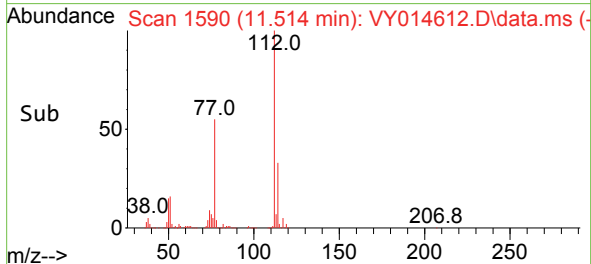
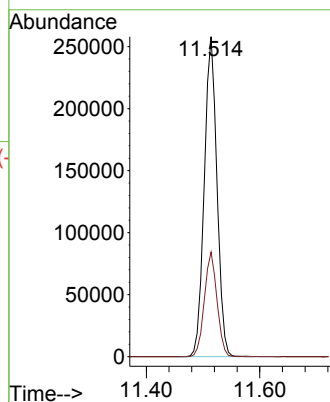
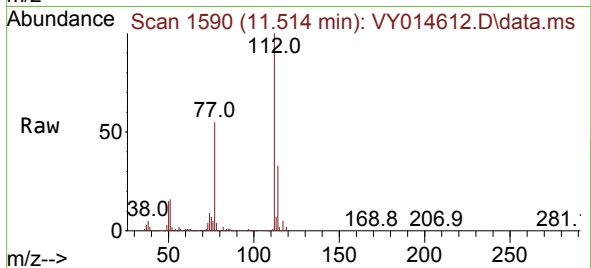
ClientSampleId :

Tgt Ion:112 Resp: 401192

Ion Ratio Lower Upper

112 100

114 32.7 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 51.208 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

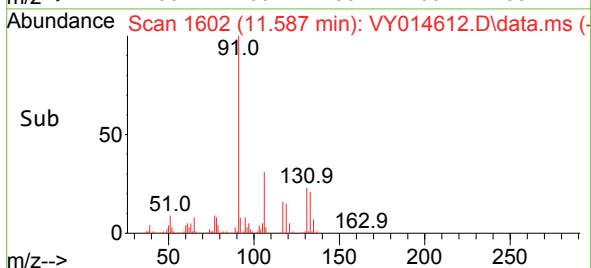
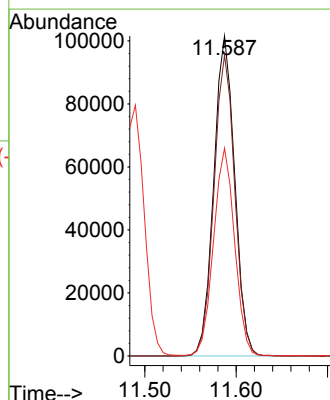
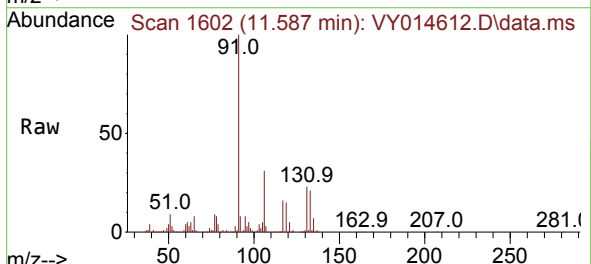
Tgt Ion:131 Resp: 161719

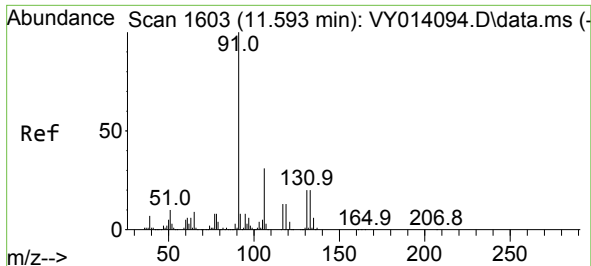
Ion Ratio Lower Upper

131 100

133 93.8 47.5 142.6

119 65.7 31.6 94.7





#67

Ethyl Benzene

Concen: 48.848 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

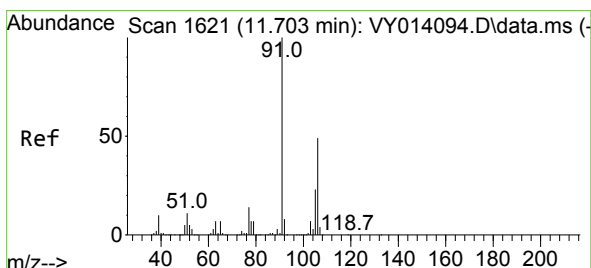
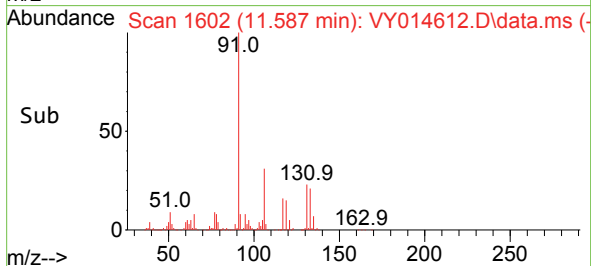
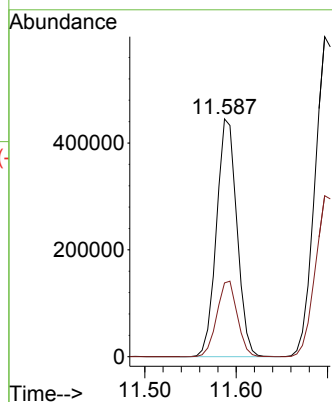
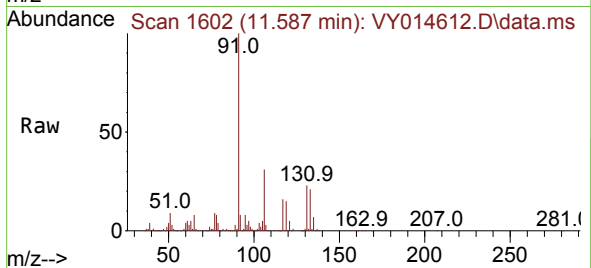
ClientSampleId :

Tgt Ion: 91 Resp: 692152

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 96.604 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY014612.D

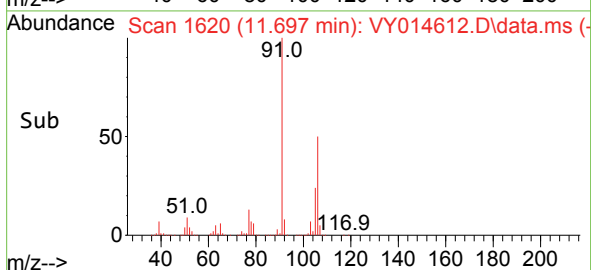
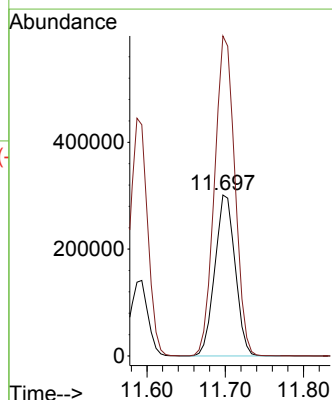
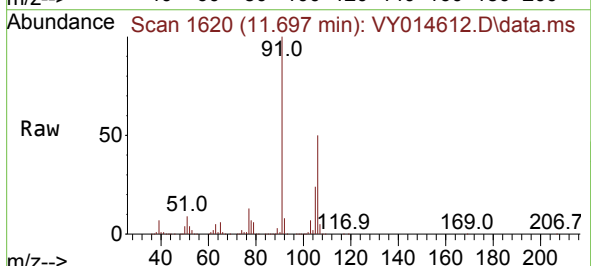
Acq: 10 Jul 2023 12:55

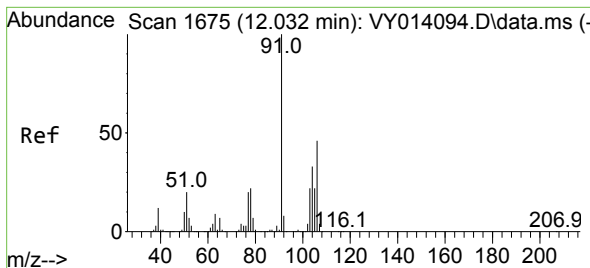
Tgt Ion:106 Resp: 542968

Ion Ratio Lower Upper

106 100

91 199.5 166.1 249.1





#69

o-Xylene

Concen: 48.468 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

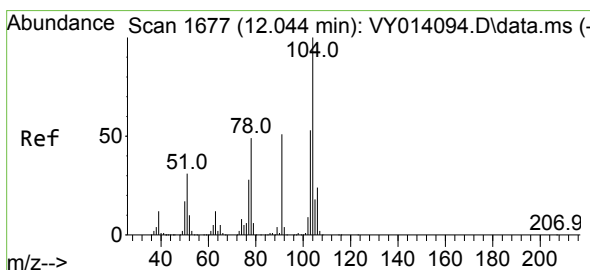
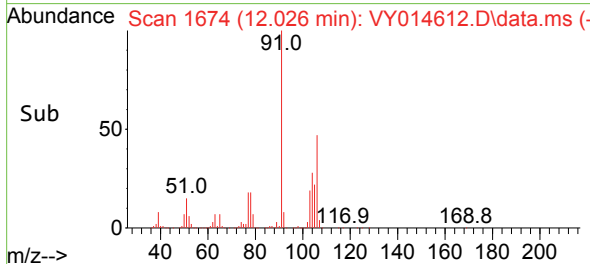
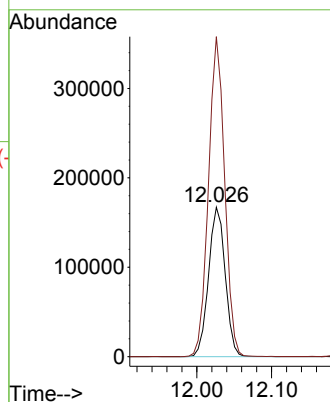
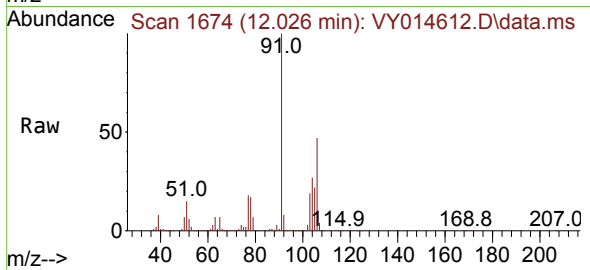
ClientSampleId :

Tgt Ion:106 Resp: 258373

Ion Ratio Lower Upper

106 100

91 208.2 108.1 324.3



#70

Styrene

Concen: 49.097 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

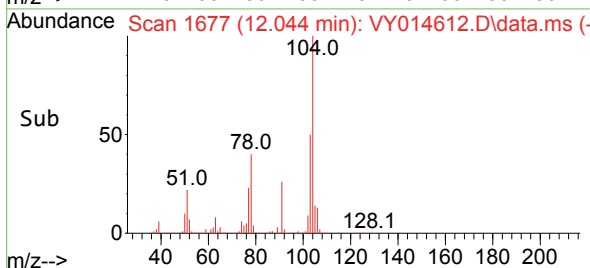
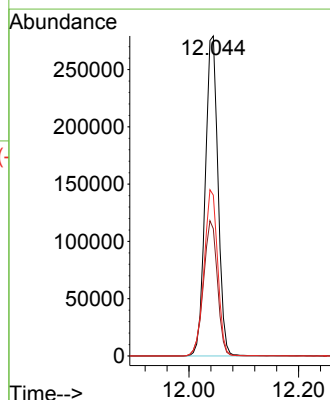
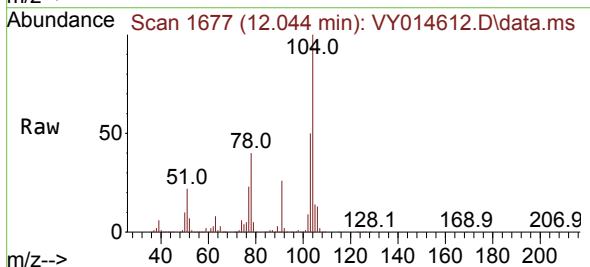
Tgt Ion:104 Resp: 450305

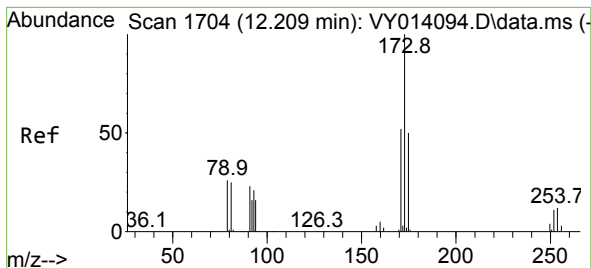
Ion Ratio Lower Upper

104 100

78 46.1 41.5 62.3

103 55.5 44.6 67.0





#71

Bromoform

Concen: 50.204 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :

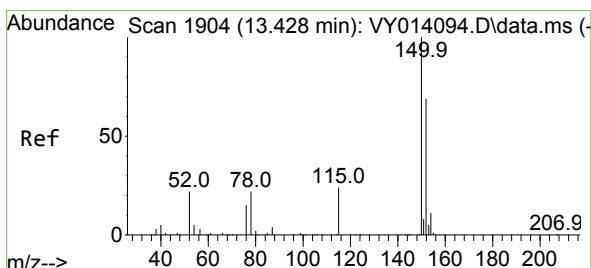
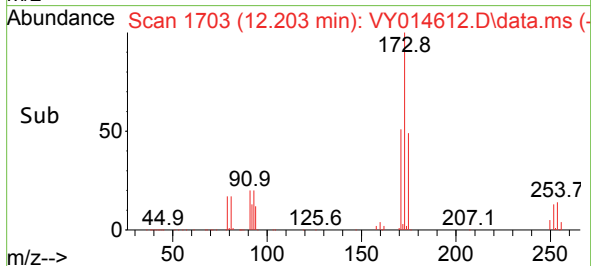
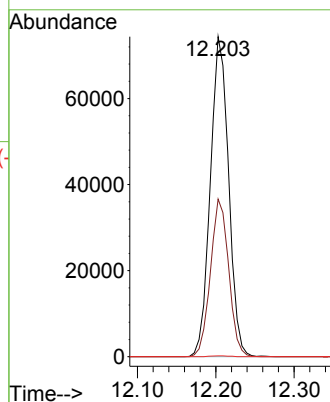
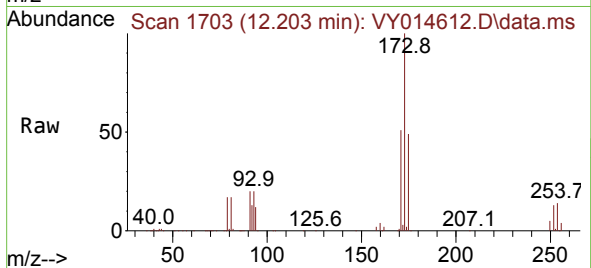
Tgt Ion:173 Resp: 120452

Ion Ratio Lower Upper

173 100

175 49.1 24.6 73.8

254 0.3 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: VY014612.D

Acq: 10 Jul 2023 12:55

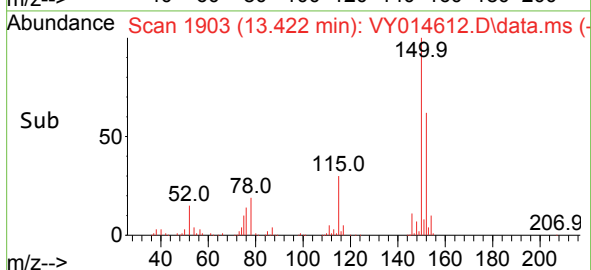
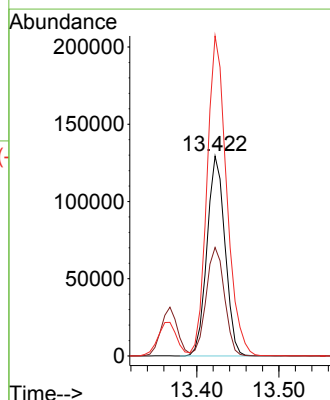
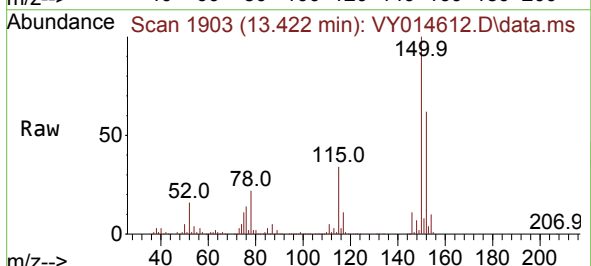
Tgt Ion:152 Resp: 197141

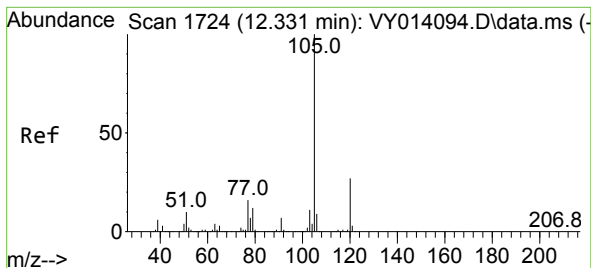
Ion Ratio Lower Upper

152 100

115 55.1 28.8 86.5

150 173.9 0.0 348.8





#73

Isopropylbenzene

Concen: 51.235 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

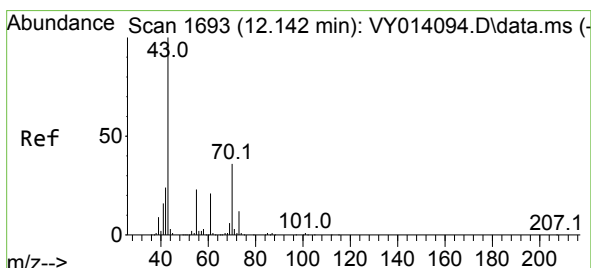
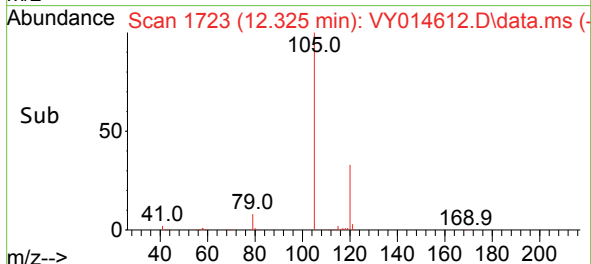
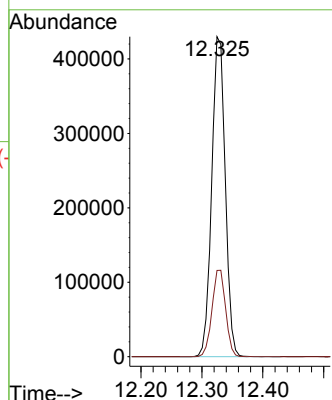
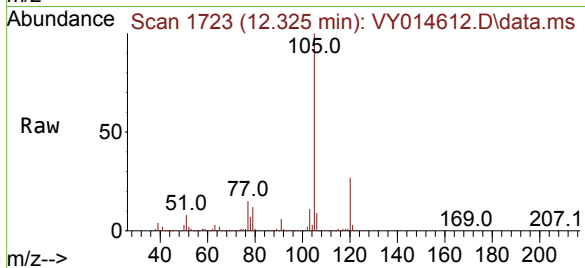
ClientSampleId :

Tgt Ion:105 Resp: 661505

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.9



#74

N-ethyl acetate

Concen: 43.696 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Tgt Ion: 43 Resp: 170271

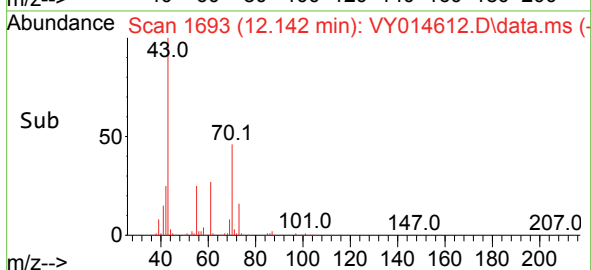
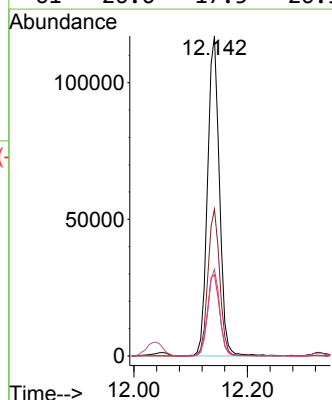
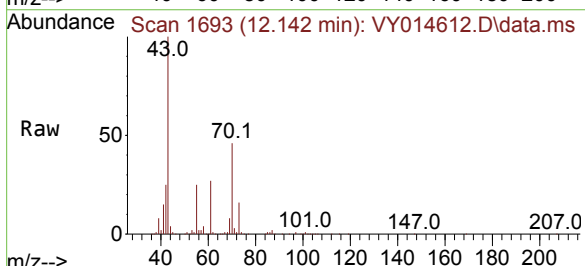
Ion Ratio Lower Upper

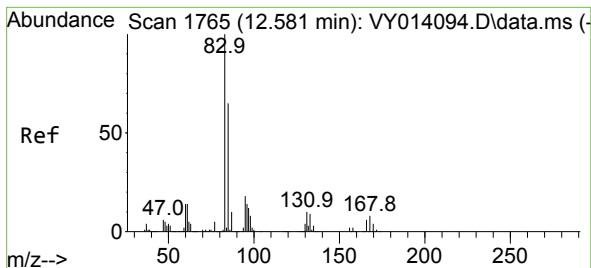
43 100

70 45.7 29.7 44.5#

55 26.5 18.3 27.5

61 26.6 17.5 26.3#

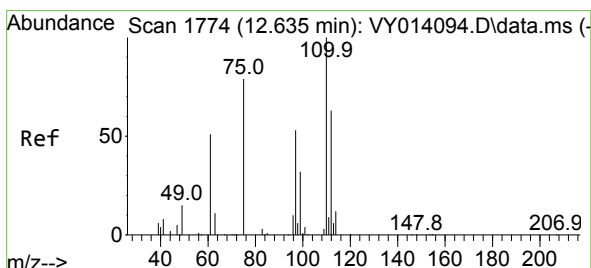
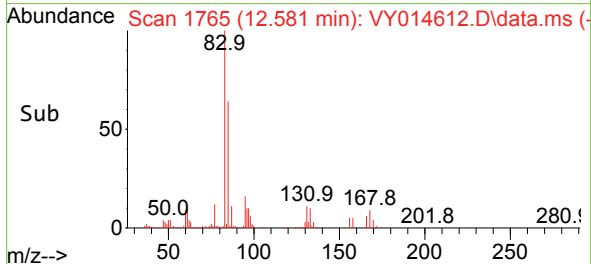
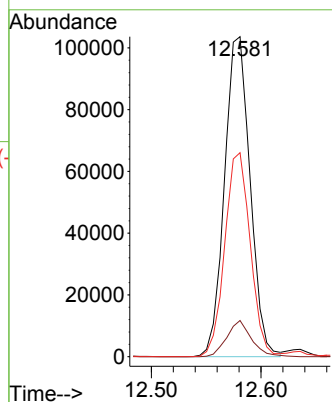
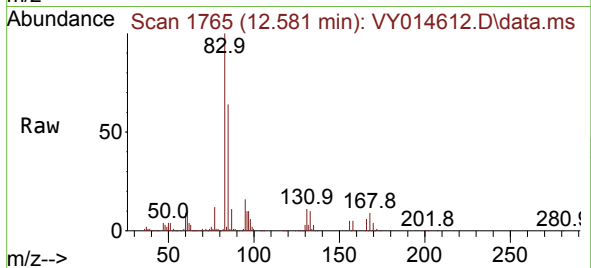




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.802 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55

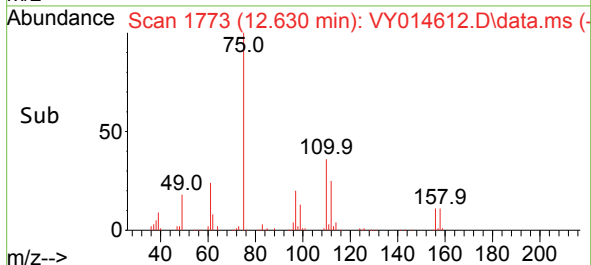
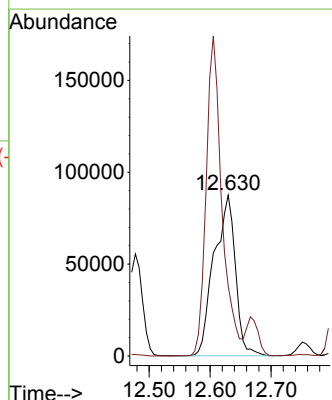
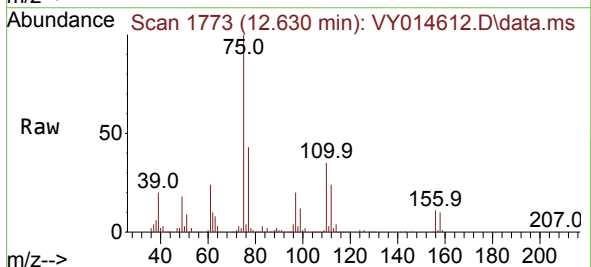
Instrument :
 MSVOA_Y
 ClientSampleId :

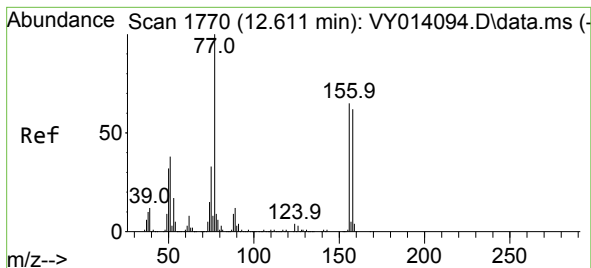
Tgt Ion: 83 Resp: 168324
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.4 16.2
 85 63.5 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 92.135 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.005 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55

Tgt Ion: 75 Resp: 213144
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.317 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :

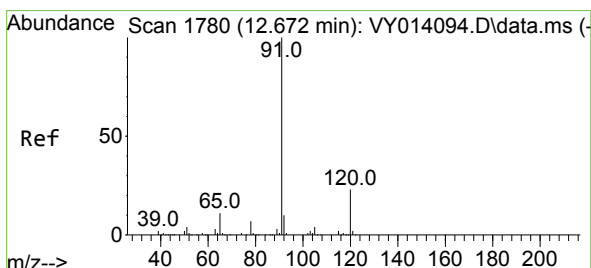
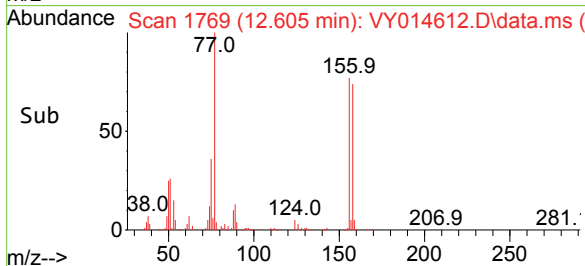
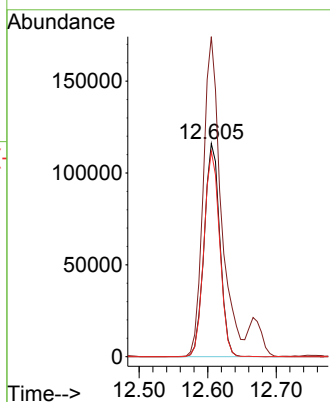
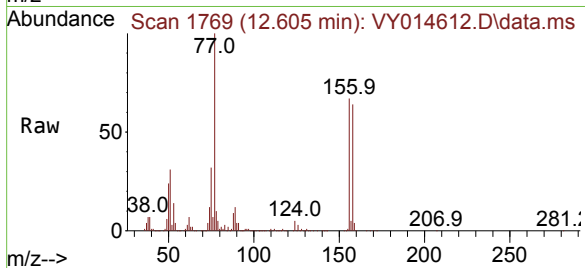
Tgt Ion:156 Resp: 184493

Ion Ratio Lower Upper

156 100

77 170.8 92.8 278.6

158 96.6 48.4 145.3



#78

n-propylbenzene

Concen: 50.637 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY014612.D

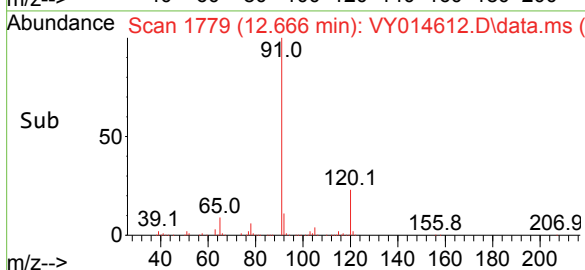
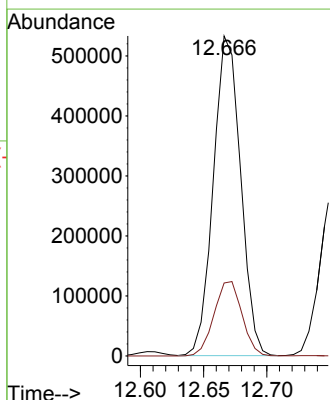
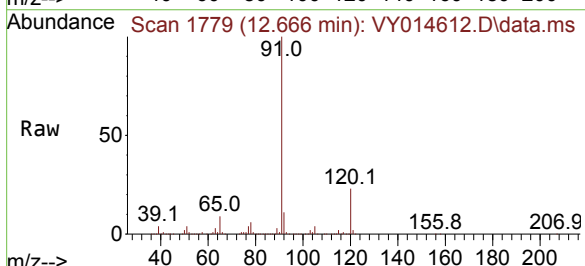
Acq: 10 Jul 2023 12:55

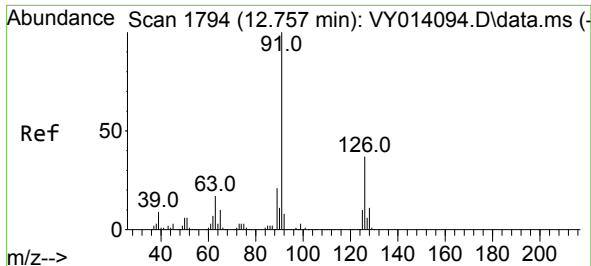
Tgt Ion: 91 Resp: 797516

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.4

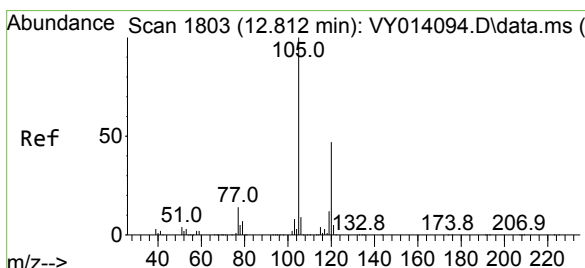
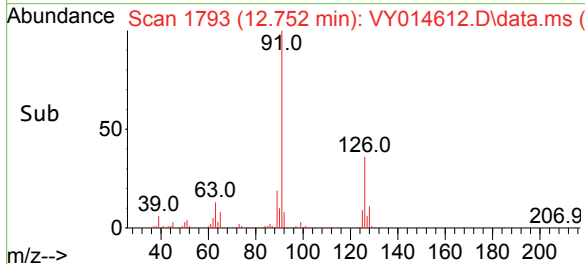
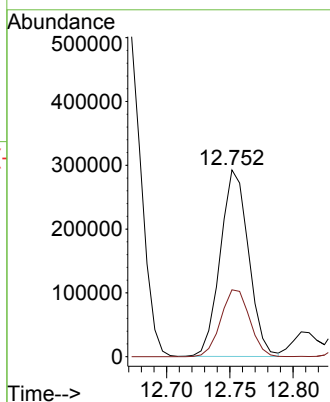
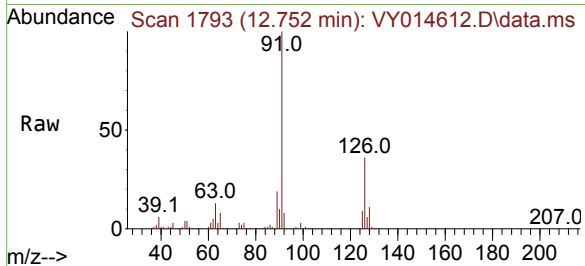




#79
2-Chlorotoluene
Concen: 50.175 ug/l
RT: 12.752 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

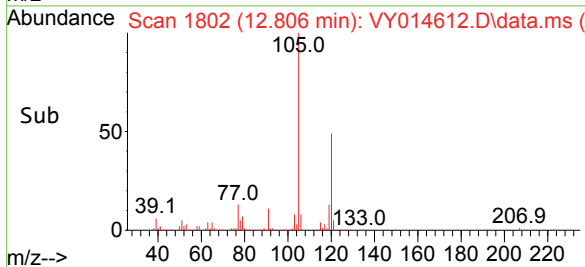
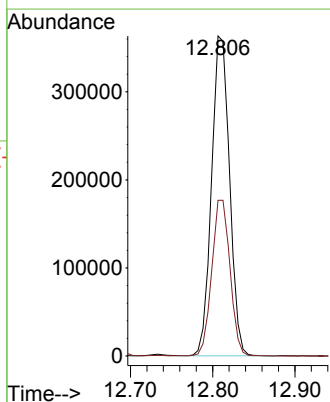
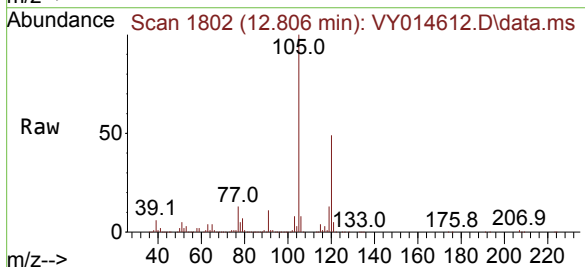
Instrument :
MSVOA_Y
ClientSampleId :

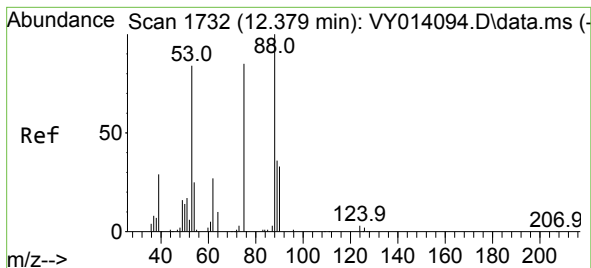
Tgt Ion: 91 Resp: 454781
Ion Ratio Lower Upper
91 100
126 36.6 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 50.566 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Tgt Ion: 105 Resp: 552707
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7

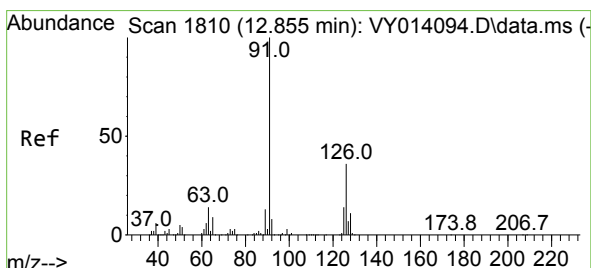
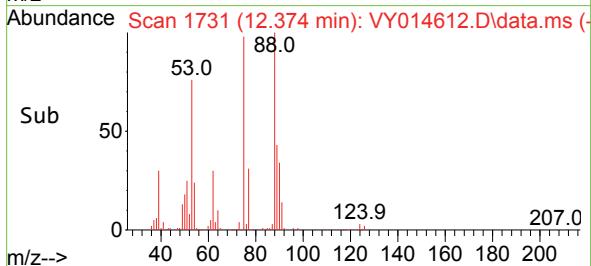
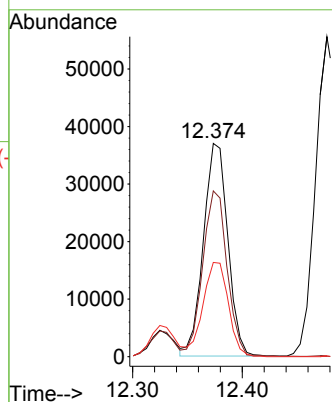
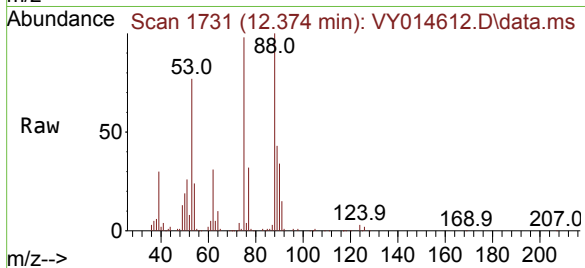




#81
trans-1,4-Dichloro-2-butene
Concen: 48.110 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

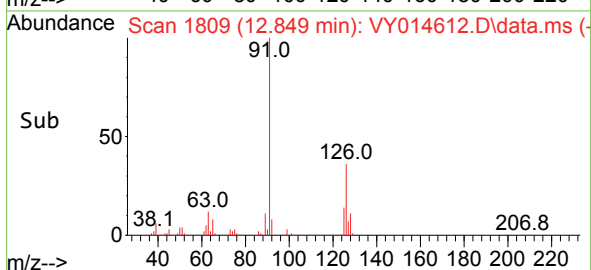
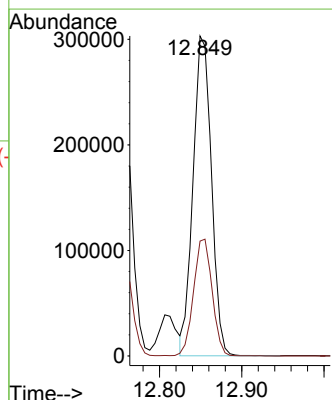
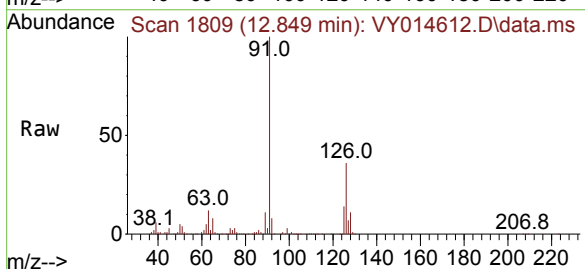
Instrument :
MSVOA_Y
ClientSampleId :

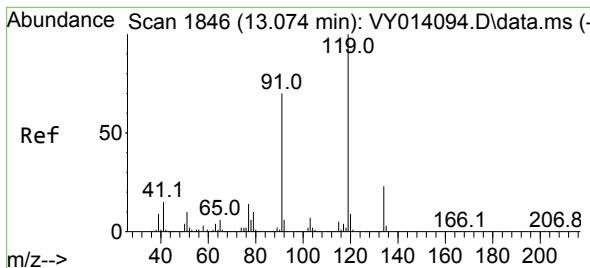
Tgt Ion: 75 Resp: 57180
Ion Ratio Lower Upper
75 100
53 78.3 77.8 116.8
89 45.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 49.531 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

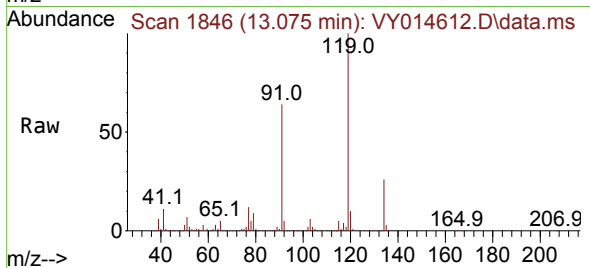
Tgt Ion: 91 Resp: 470327
Ion Ratio Lower Upper
91 100
126 37.0 17.2 51.6



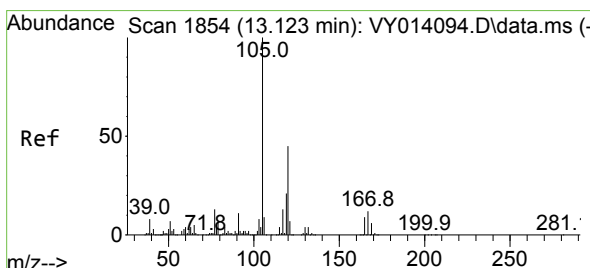
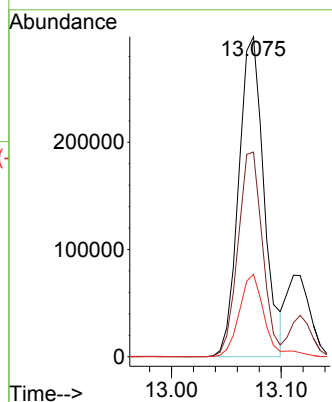
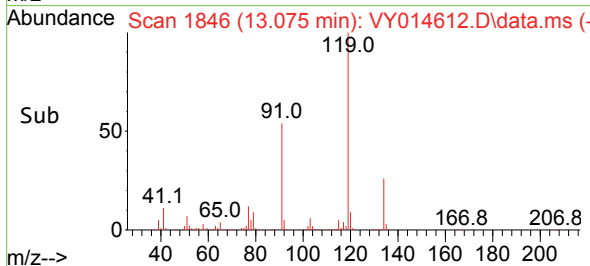


#83
 tert-Butylbenzene
 Concen: 49.665 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. 0.001 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55

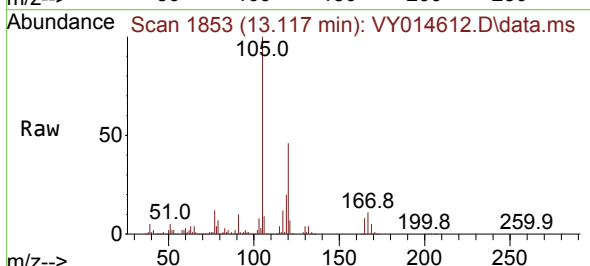
Instrument :
 MSVOA_Y
 ClientSampleId :



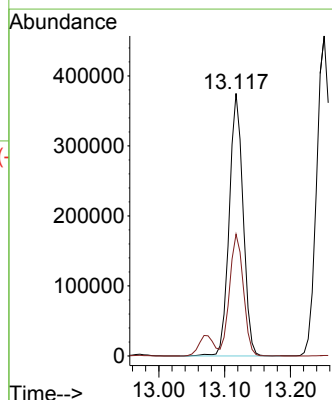
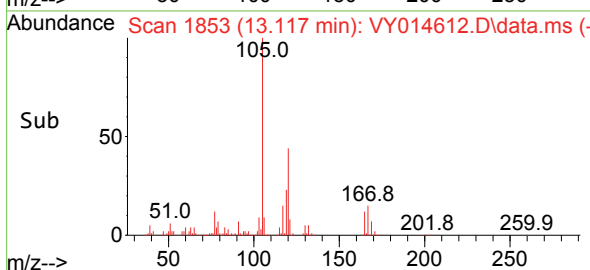
Tgt Ion:119 Resp: 477086
 Ion Ratio Lower Upper
 119 100
 91 62.2 32.9 98.6
 134 25.8 13.0 38.9

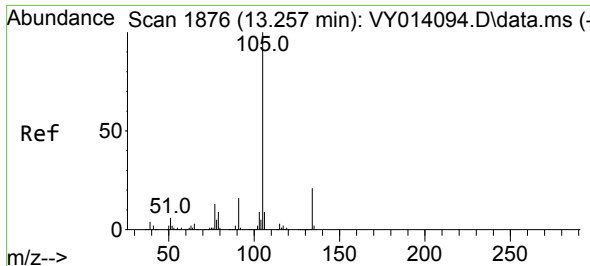


#84
 1,2,4-Trimethylbenzene
 Concen: 50.333 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55



Tgt Ion:105 Resp: 548984
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.2 66.6

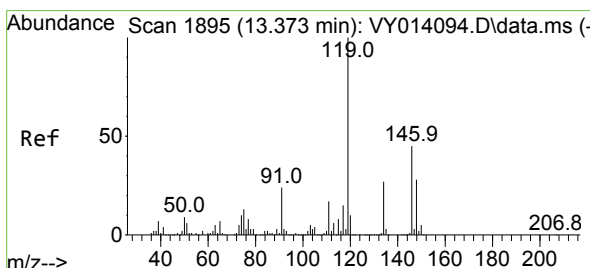
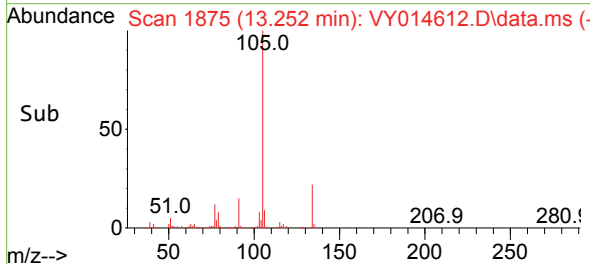
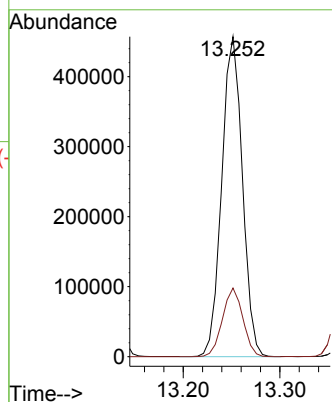
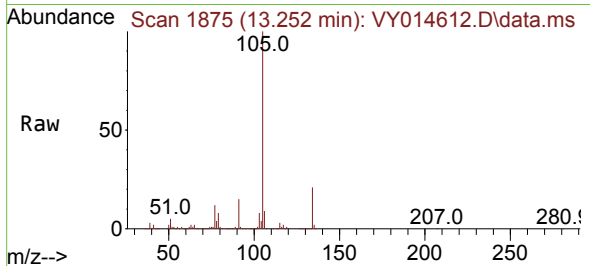




#85
 sec-Butylbenzene
 Concen: 47.779 ug/l
 RT: 13.252 min Scan# 1875
 Delta R.T. -0.005 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55

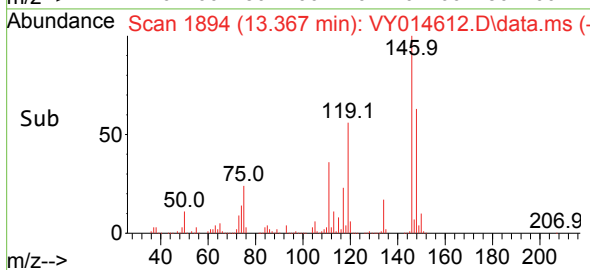
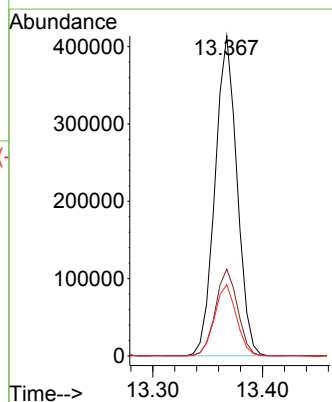
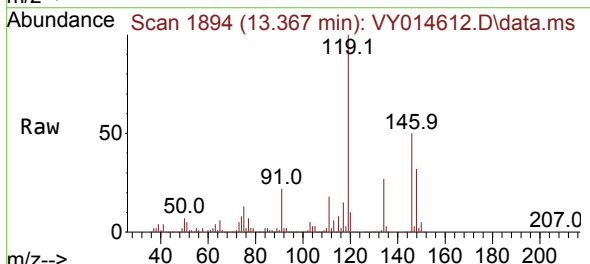
Instrument :
 MSVOA_Y
 ClientSampleId :

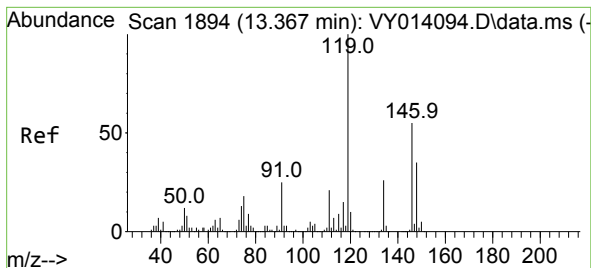
Tgt Ion:105 Resp: 677276
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 48.223 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55

Tgt Ion:119 Resp: 575257
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.3 39.8
 91 22.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.805 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :

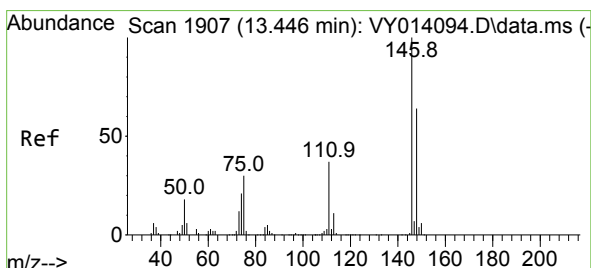
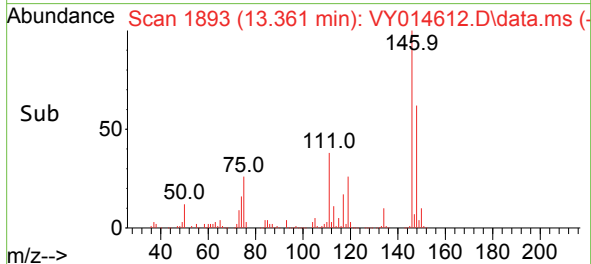
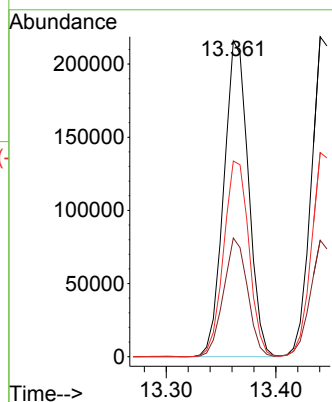
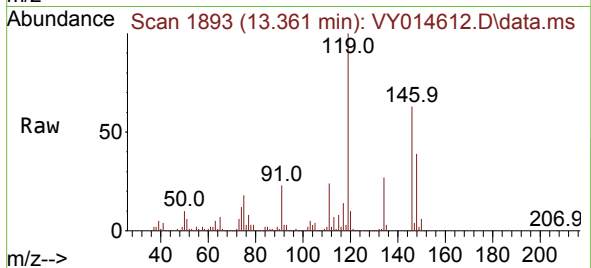
Tgt Ion:146 Resp: 336511

Ion Ratio Lower Upper

146 100

111 36.7 19.4 58.2

148 63.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 48.755 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

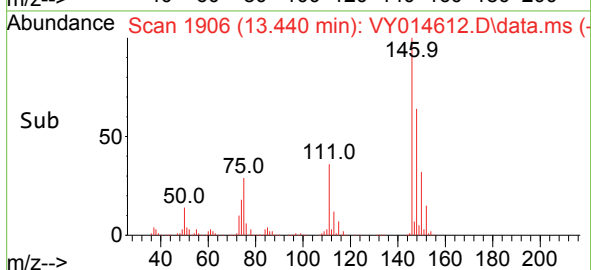
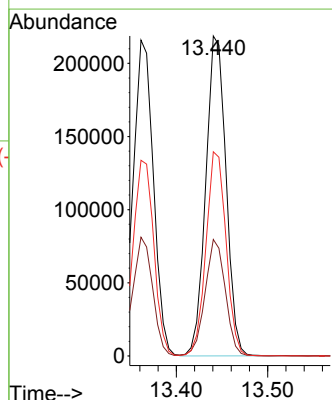
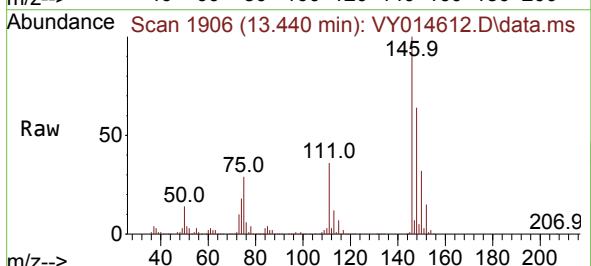
Tgt Ion:146 Resp: 336899

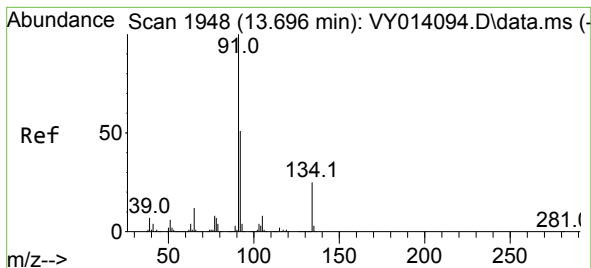
Ion Ratio Lower Upper

146 100

111 36.3 18.9 56.7

148 63.4 32.1 96.5





#89

n-Butylbenzene

Concen: 45.276 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :

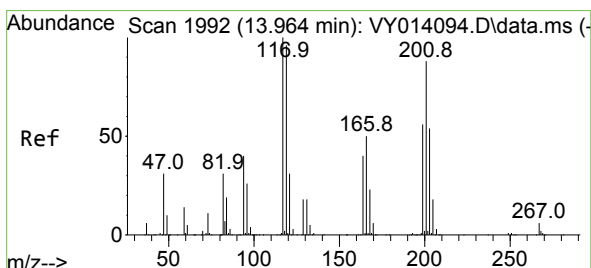
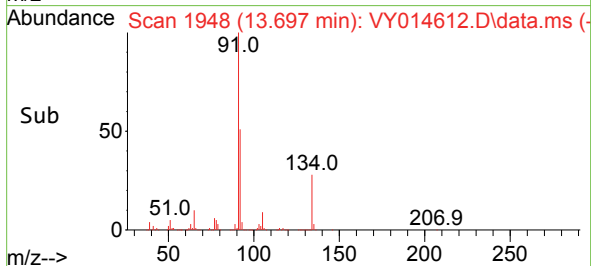
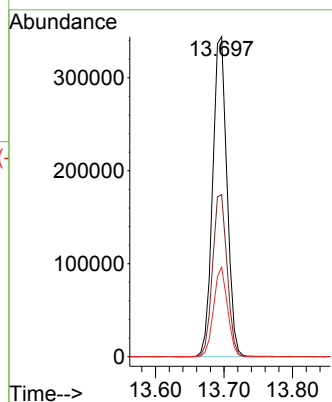
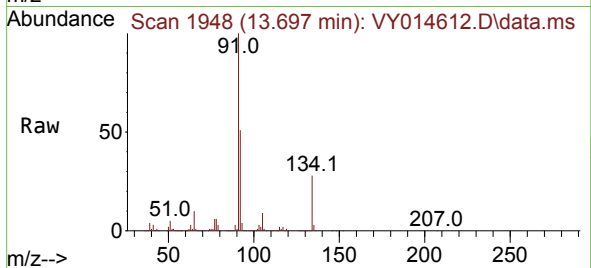
Tgt Ion: 91 Resp: 499146

Ion Ratio Lower Upper

91 100

92 51.6 25.4 76.0

134 27.2 12.6 37.6



#90

Hexachloroethane

Concen: 47.698 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.005 min

Lab File: VY014612.D

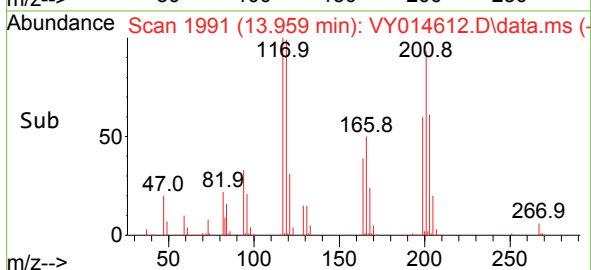
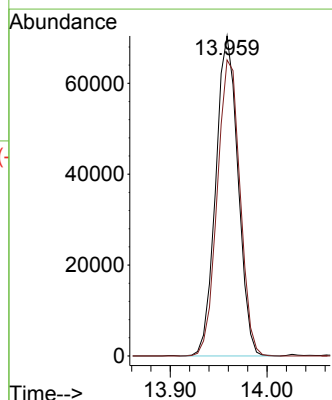
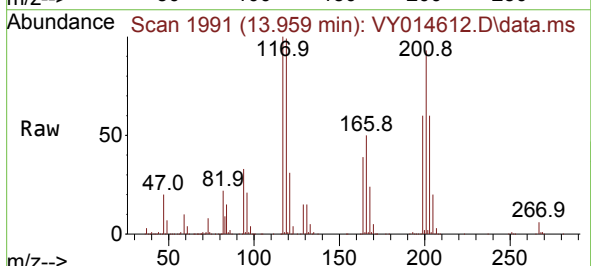
Acq: 10 Jul 2023 12:55

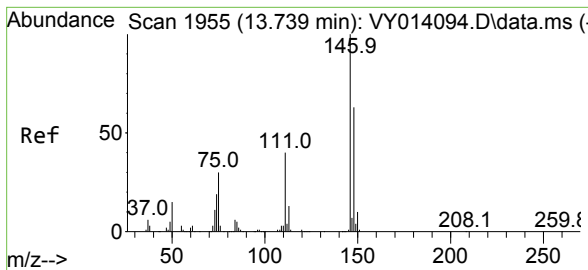
Tgt Ion: 117 Resp: 112709

Ion Ratio Lower Upper

117 100

201 94.3 41.6 124.8

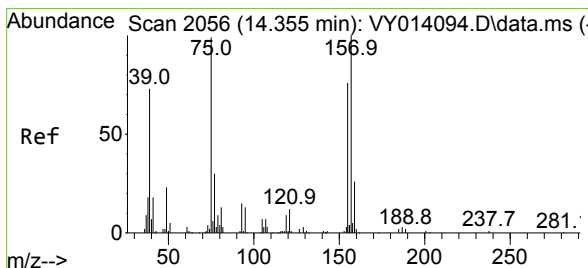
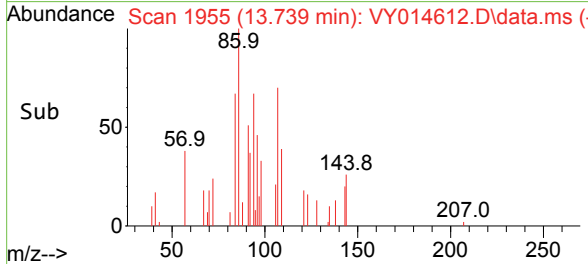
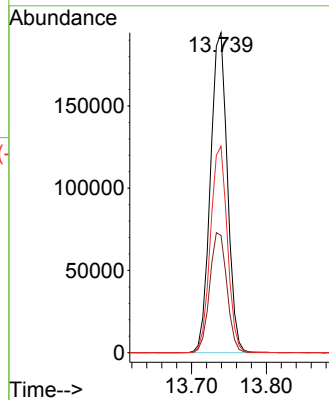
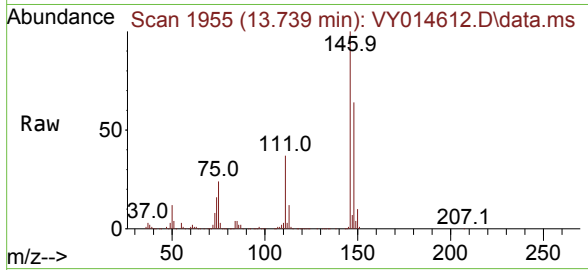




#91
 1,2-Dichlorobenzene
 Concen: 49.185 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55

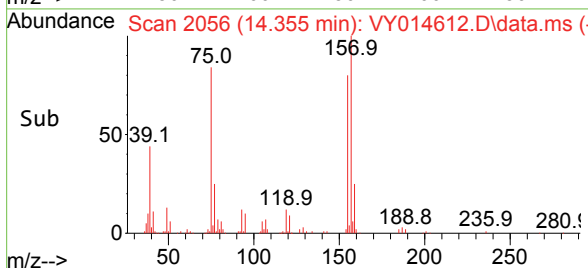
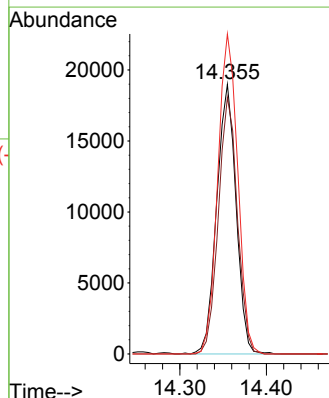
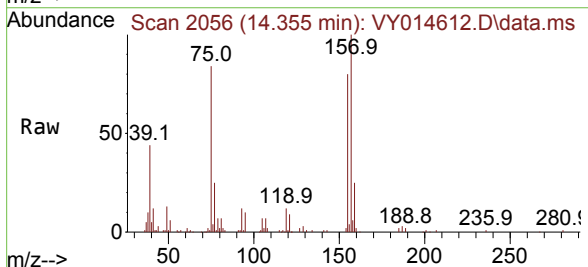
Instrument :
 MSVOA_Y
 ClientSampleId :

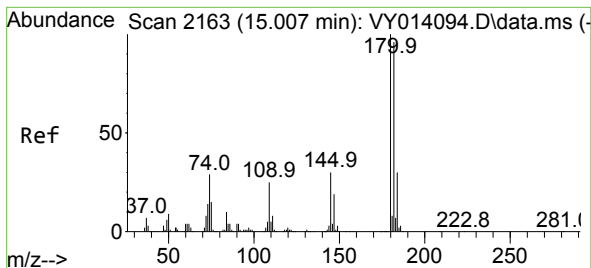
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.7	59.0
148	64.4	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.607 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.5	41.5	124.6
157	121.9	51.8	155.5





#93

1,2,4-Trichlorobenzene

Concen: 44.571 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :

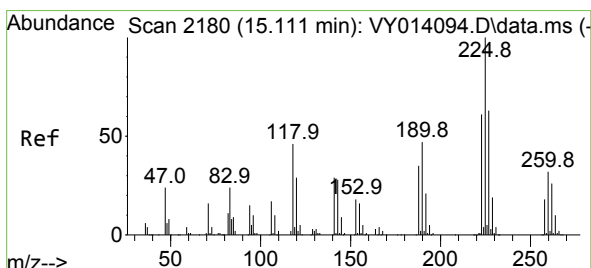
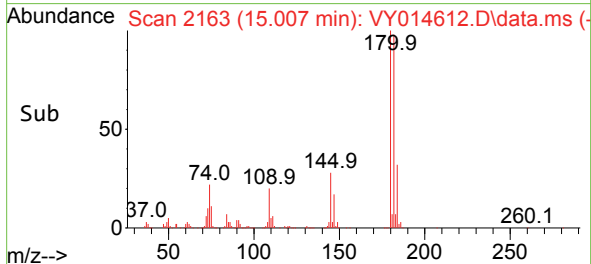
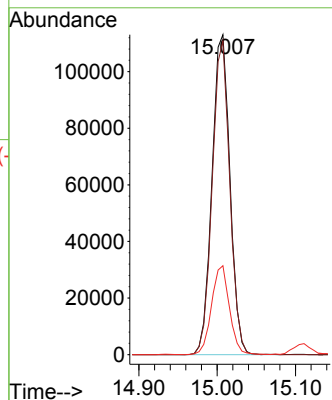
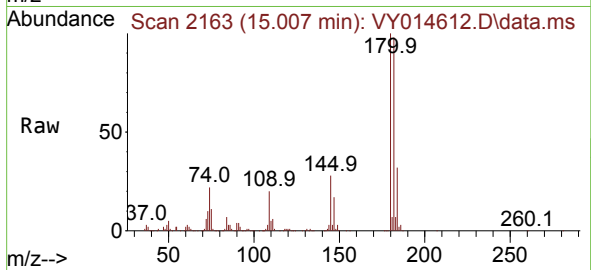
Tgt Ion:180 Resp: 179797

Ion Ratio Lower Upper

180 100

182 95.7 47.0 141.2

145 27.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 33.066 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

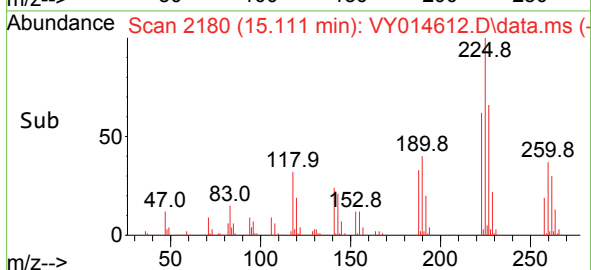
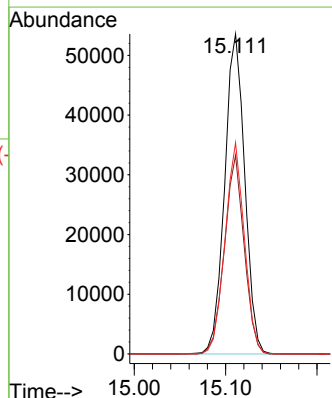
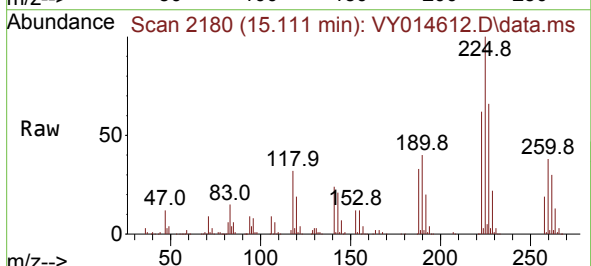
Tgt Ion:225 Resp: 81980

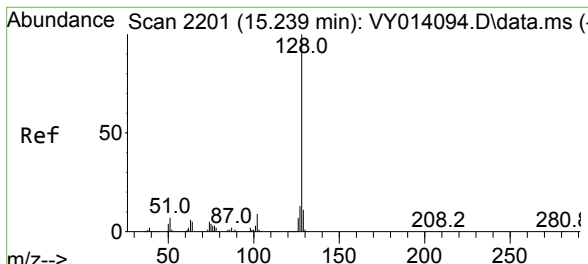
Ion Ratio Lower Upper

225 100

223 60.8 31.9 95.9

227 63.9 33.0 98.9



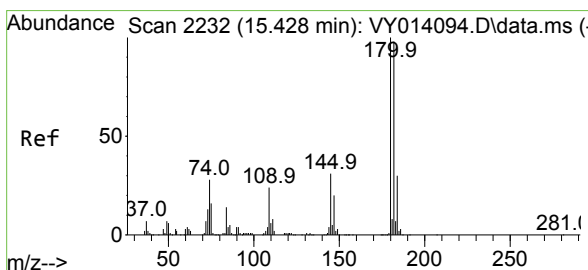
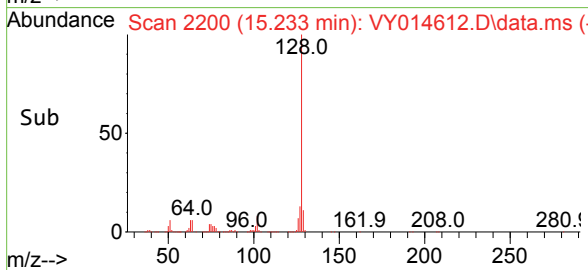
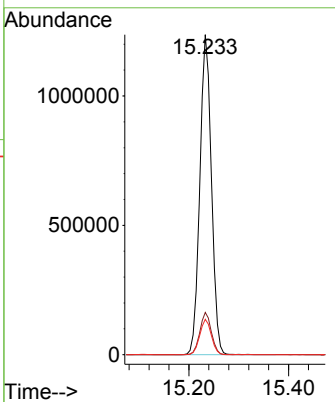
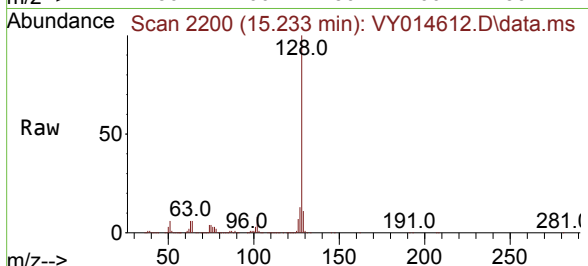


#95
 Naphthalene
 Concen: 231.831 ug/l
 RT: 15.233 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:128 Resp: 1989681

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: 44.953 ug/l
 RT: 15.422 min Scan# 2231
 Delta R.T. -0.006 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55

Tgt Ion:180 Resp: 165227

Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.3	141.8
145	29.8	15.4	46.2

