

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060923\
 Data File : VY014102.D
 Acq On : 09 Jun 2023 18:11
 Operator : KP/MD
 Sample : VY0609SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

Quant Time: Jun 10 05:13:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	211113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	317312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	295288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157963	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	132249	44.986	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.980%
35) Dibromofluoromethane	7.716	113	108695	48.302	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.600%
50) Toluene-d8	10.179	98	392140	46.611	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.220%
62) 4-Bromofluorobenzene	12.483	95	144140	48.231	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	52565	22.341	ug/l	98
3) Chloromethane	2.113	50	59395	19.909	ug/l	97
4) Vinyl Chloride	2.253	62	59629	20.558	ug/l	100
5) Bromomethane	2.656	94	49908	20.855	ug/l	98
6) Chloroethane	2.796	64	40192	20.393	ug/l	97
7) Trichlorofluoromethane	3.125	101	100912	21.416	ug/l	98
8) Diethyl Ether	3.534	74	30695	19.509	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	50369	21.180	ug/l	99
10) Methyl Iodide	4.088	142	56036	17.845	ug/l	97
11) Tert butyl alcohol	4.936	59	47934	131.099	ug/l #	89
12) 1,1-Dichloroethene	3.875	96	49072	20.358	ug/l	99
13) Acrolein	3.735	56	20865	139.174	ug/l	98
14) Allyl chloride	4.485	41	84459	19.330	ug/l	98
15) Acrylonitrile	5.167	53	77588	95.603	ug/l	100
16) Acetone	3.954	43	75720	85.449	ug/l	97
17) Carbon Disulfide	4.192	76	158633	20.309	ug/l	99
18) Methyl Acetate	4.485	43	64075	18.629	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	134762	18.956	ug/l	100
20) Methylene Chloride	4.710	84	57682	18.102	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	52039	19.356	ug/l	98
22) Diisopropyl ether	6.118	45	157004	18.768	ug/l	93
23) Vinyl Acetate	6.057	43	470701	95.362	ug/l	98
24) 1,1-Dichloroethane	6.015	63	93750	19.437	ug/l	98
25) 2-Butanone	6.990	43	99358	91.087	ug/l	96
26) 2,2-Dichloropropane	6.984	77	87984	19.421	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	57446	19.101	ug/l	99
28) Bromochloromethane	7.338	49	40138	20.463	ug/l	95
29) Tetrahydrofuran	7.350	42	67585	97.710	ug/l	99
30) Chloroform	7.508	83	102364	20.004	ug/l	99
31) Cyclohexane	7.783	56	79593	20.211	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	92187	19.975	ug/l	99
36) 1,1-Dichloropropene	7.917	75	71816	20.471	ug/l	99
37) Ethyl Acetate	7.082	43	50399	20.821	ug/l	99
38) Carbon Tetrachloride	7.905	117	86310	21.319	ug/l	99
39) Methylcyclohexane	9.185	83	83769	21.521	ug/l	100
40) Benzene	8.161	78	212693	20.388	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	20953	16.961	ug/l	95
42) 1,2-Dichloroethane	8.234	62	75137	20.367	ug/l	100
43) Isopropyl Acetate	8.270	43	83864	19.767	ug/l	99
44) Trichloroethene	8.941	130	58043	20.825	ug/l	99
45) 1,2-Dichloropropane	9.215	63	52808	19.929	ug/l	96
46) Dibromomethane	9.307	93	32938	20.194	ug/l	99
47) Bromodichloromethane	9.496	83	76386	20.001	ug/l	99
48) Methyl methacrylate	9.295	41	39946	20.187	ug/l	99
49) 1,4-Dioxane	9.313	88	8050	388.413	ug/l #	37
51) 4-Methyl-2-Pentanone	10.069	43	237309	102.956	ug/l	100
52) Toluene	10.246	92	133103	20.582	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	79967	19.890	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	86778	19.783	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	43477	20.096	ug/l	97
56) Ethyl methacrylate	10.508	69	58830	19.715	ug/l	98
57) 1,3-Dichloropropane	10.788	76	73360	19.827	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	80518	82.092	ug/l	98
59) 2-Hexanone	10.831	43	166271	99.876	ug/l	98
60) Dibromochloromethane	10.983	129	55780	20.145	ug/l	98
61) 1,2-Dibromoethane	11.087	107	42941	20.112	ug/l	99
64) Tetrachloroethene	10.721	164	52828	20.989	ug/l	93
65) Chlorobenzene	11.514	112	140703	19.830	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	56057	20.087	ug/l	99
67) Ethyl Benzene	11.593	91	250742	20.189	ug/l	99
68) m/p-Xylenes	11.703	106	195671	40.960	ug/l	99
69) o-Xylene	12.032	106	91026	20.154	ug/l	99
70) Styrene	12.044	104	157201	20.394	ug/l	99
71) Bromoform	12.209	173	38670	20.233	ug/l #	100
73) Isopropylbenzene	12.331	105	243351	20.194	ug/l	100
74) N-amyl acetate	12.142	43	75896	19.875	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	53256	19.778	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	72850	35.152	ug/l #	100
77) Bromobenzene	12.611	156	62726	19.805	ug/l	95
78) n-propylbenzene	12.672	91	299964	20.380	ug/l	100
79) 2-Chlorotoluene	12.757	91	169368	19.999	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	208923	20.248	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	19748	20.598	ug/l	99
82) 4-Chlorotoluene	12.855	91	180917	20.159	ug/l	100
83) tert-Butylbenzene	13.075	119	173022	19.733	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	206395	20.208	ug/l	100
85) sec-Butylbenzene	13.251	105	260273	20.417	ug/l	100
86) p-Isopropyltoluene	13.367	119	219383	20.108	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	120431	19.915	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	119754	19.655	ug/l	98
89) n-Butylbenzene	13.696	91	202062	19.968	ug/l	99
90) Hexachloroethane	13.965	117	43099	19.825	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	109062	20.081	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9974	19.452	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	66615	19.362	ug/l	99
94) Hexachlorobutadiene	15.111	225	41445	20.865	ug/l	96
95) Naphthalene	15.239	128	131622	18.848	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	60197	19.362	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

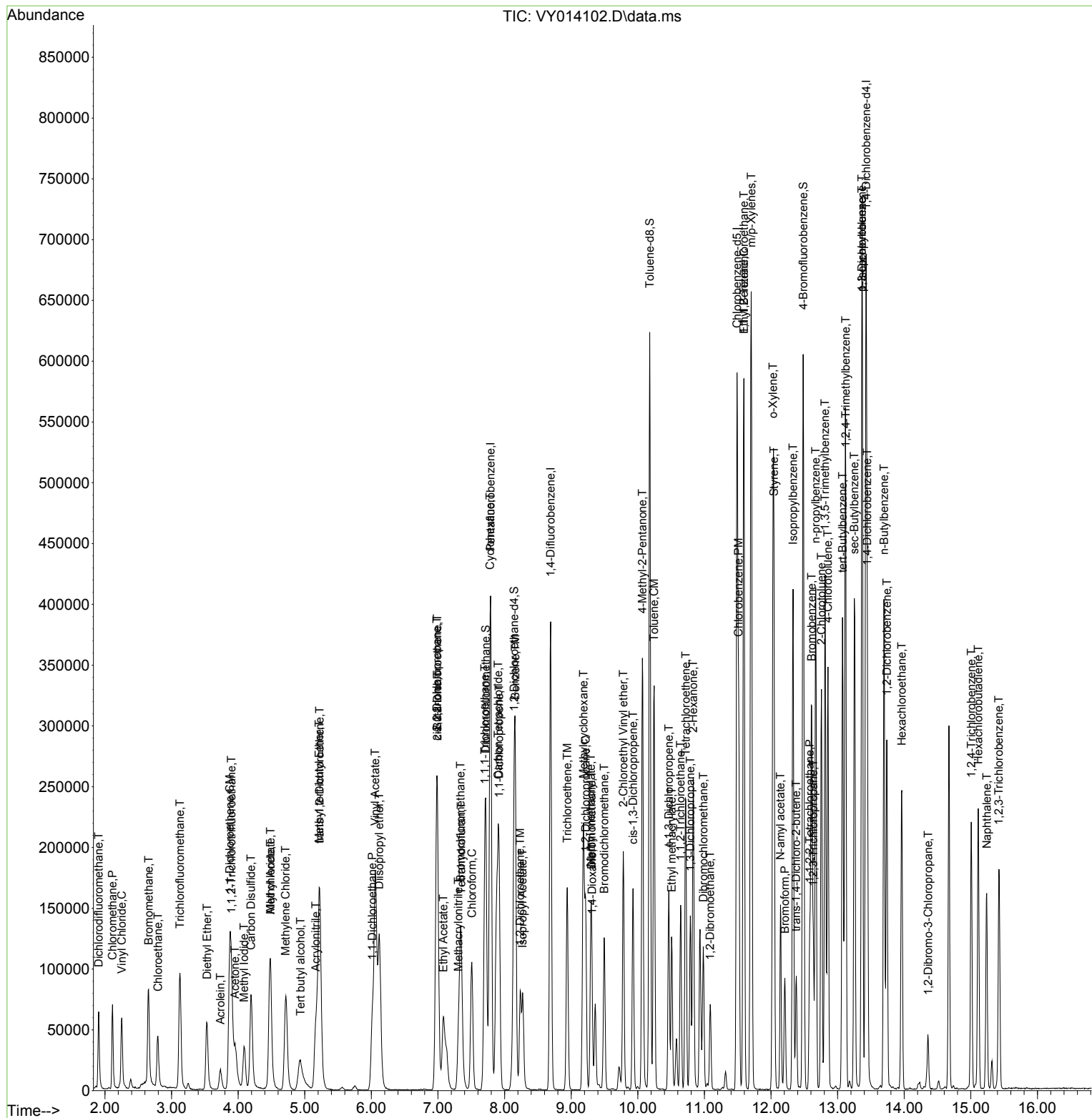
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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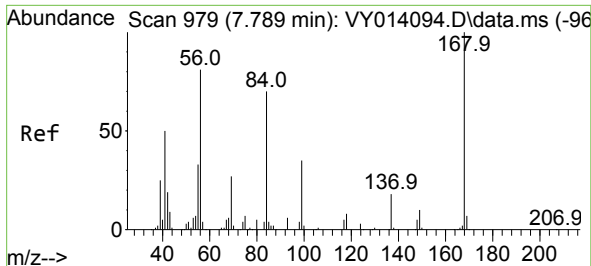
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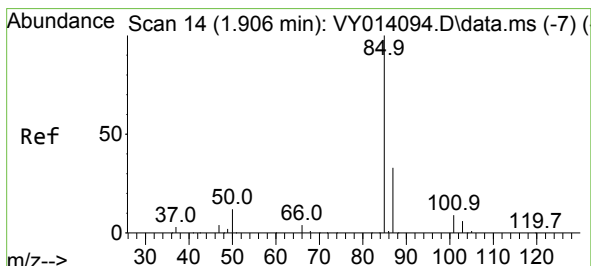
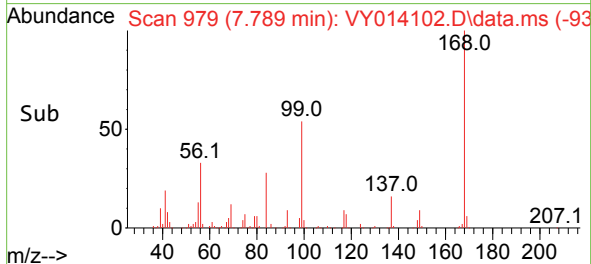
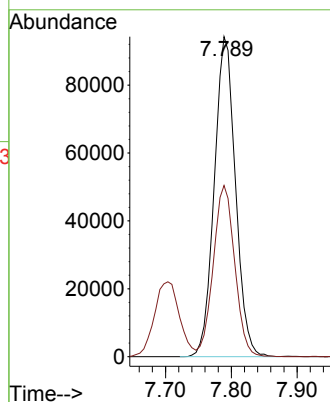
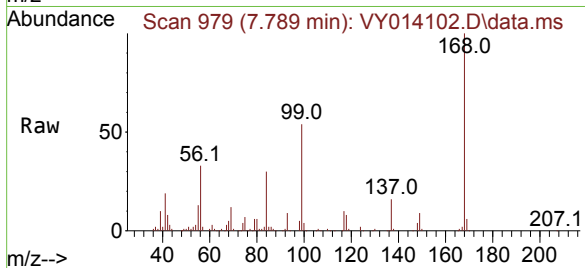




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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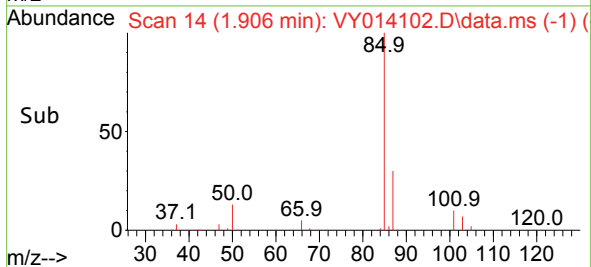
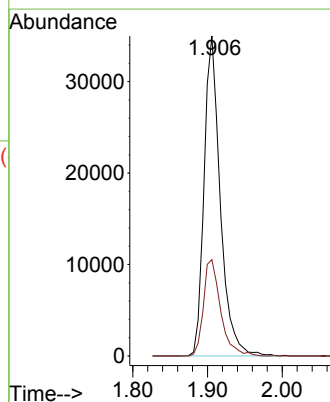
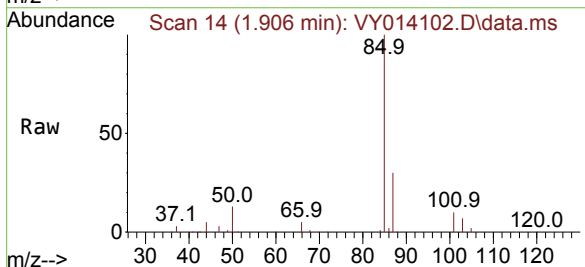
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

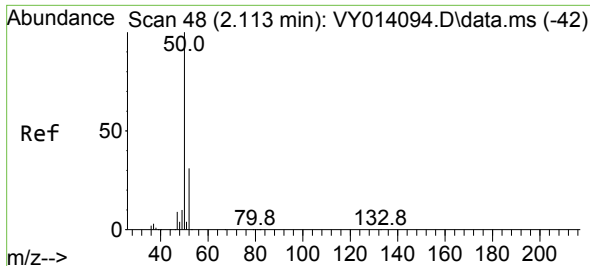
Tgt Ion:168 Resp: 211113
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 22.341 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

Tgt Ion: 85 Resp: 52565
Ion Ratio Lower Upper
85 100
87 30.1 15.6 46.8

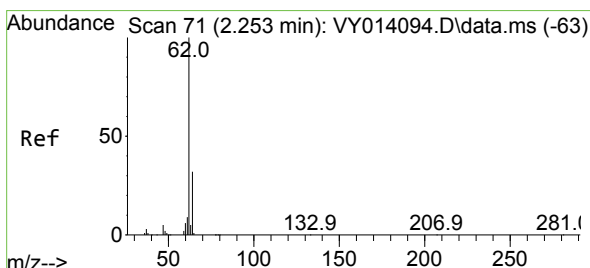
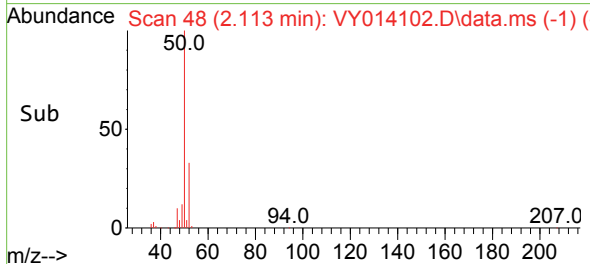
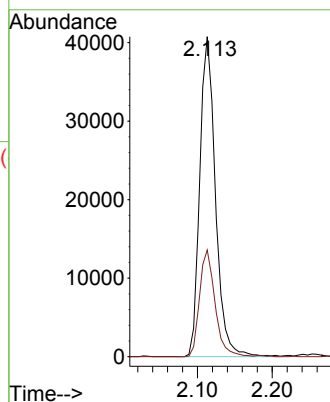
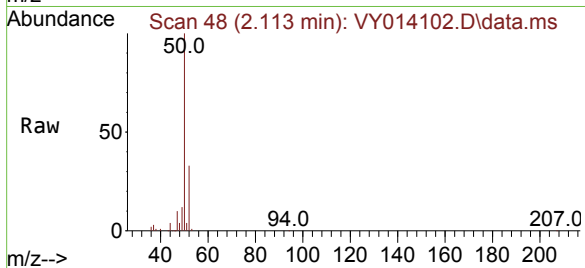




#3
Chloromethane
Concen: 19.909 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

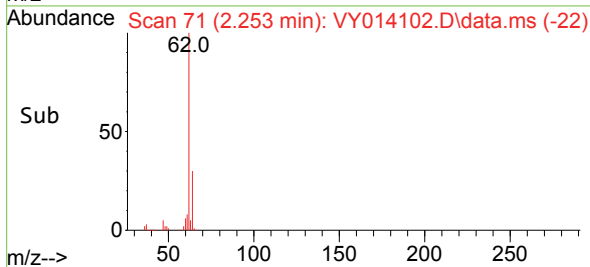
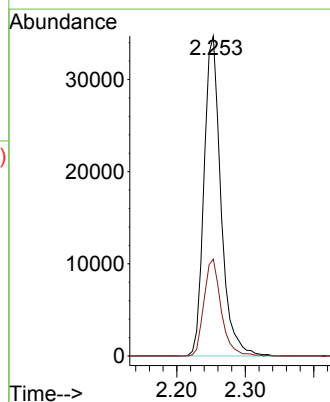
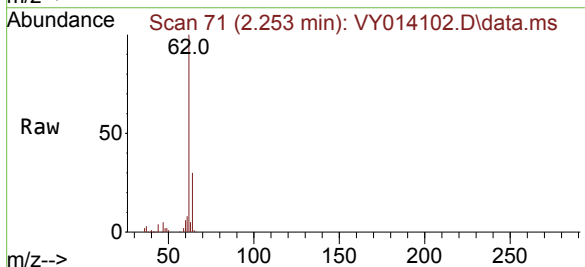
Instrument :
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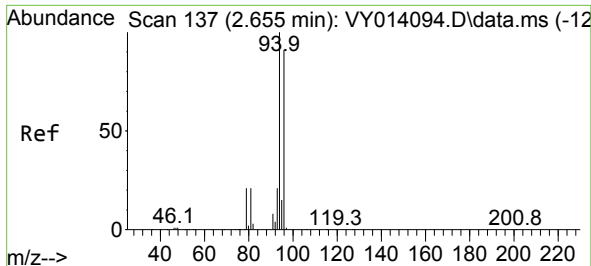
Tgt Ion: 50 Resp: 59395
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2



#4
Vinyl Chloride
Concen: 20.558 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

Tgt Ion: 62 Resp: 59629
Ion Ratio Lower Upper
62 100
64 30.2 24.3 36.5

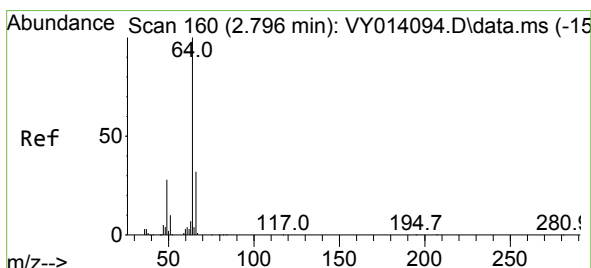
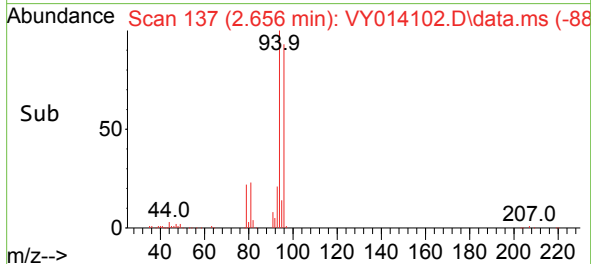
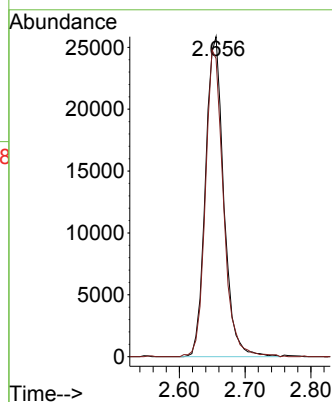
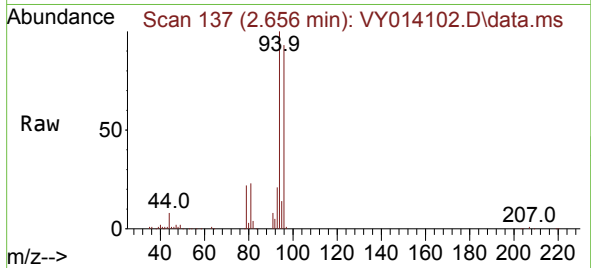




#5
Bromomethane
Concen: 20.855 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014102.D
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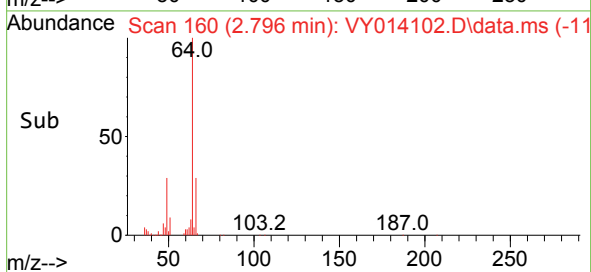
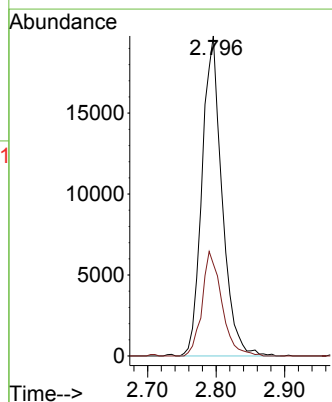
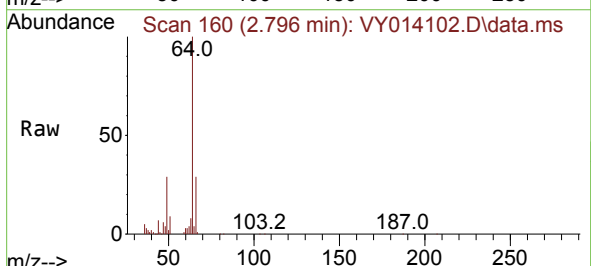
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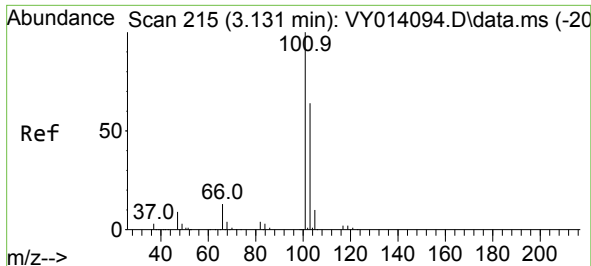
Tgt Ion: 94 Resp: 49908
Ion Ratio Lower Upper
94 100
96 93.1 75.8 113.6



#6
Chloroethane
Concen: 20.393 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

Tgt Ion: 64 Resp: 40192
Ion Ratio Lower Upper
64 100
66 28.7 24.4 36.6

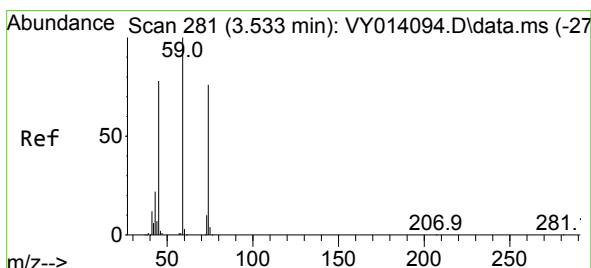
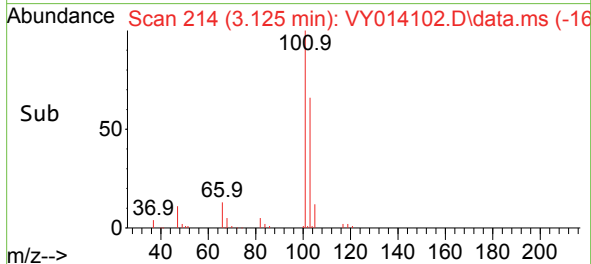
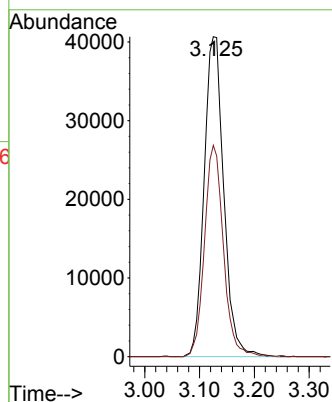
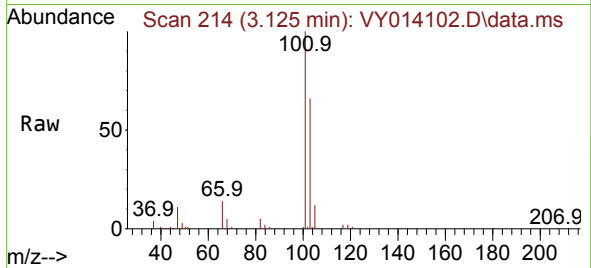




#7
Trichlorofluoromethane
Concen: 21.416 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

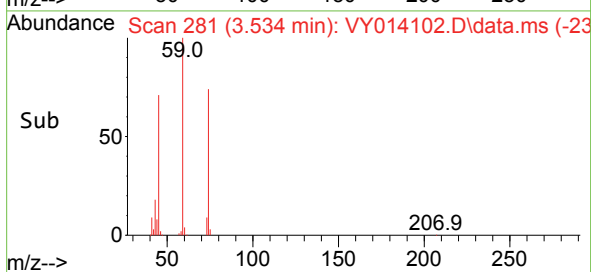
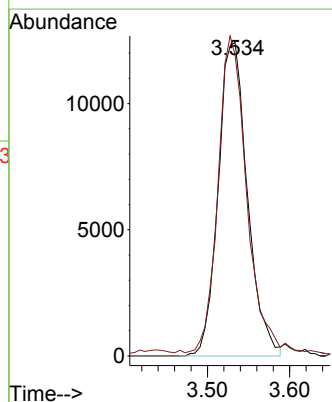
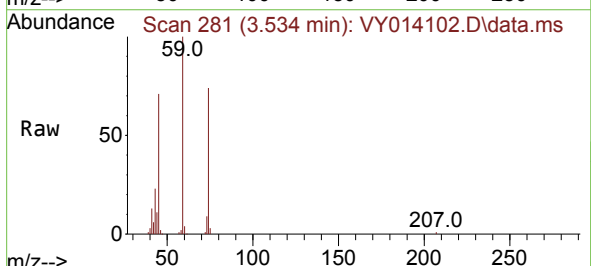
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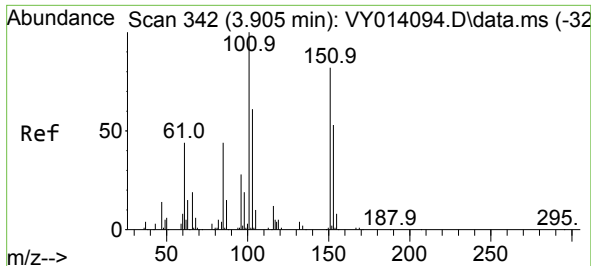
Tgt Ion:101 Resp: 100912
Ion Ratio Lower Upper
101 100
103 66.1 51.4 77.0



#8
Diethyl Ether
Concen: 19.509 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.001 min
Lab File: VY014102.D
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Tgt Ion: 74 Resp: 30695
Ion Ratio Lower Upper
74 100
45 100.3 51.5 154.5

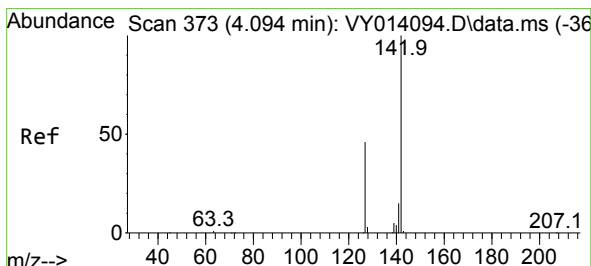
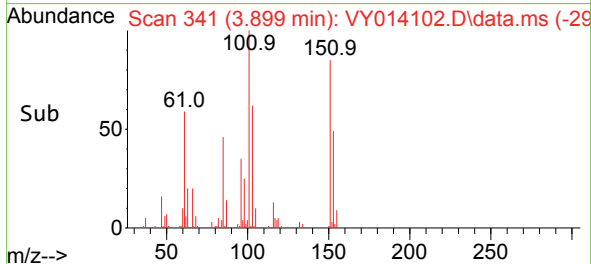
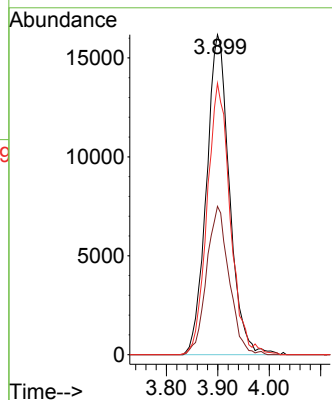
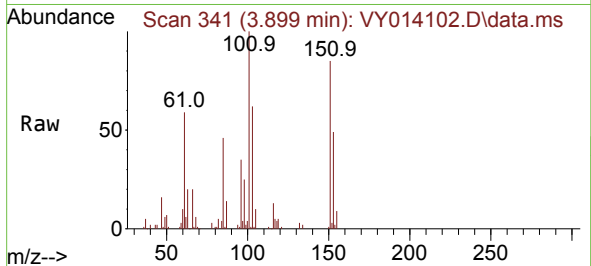




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.180 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

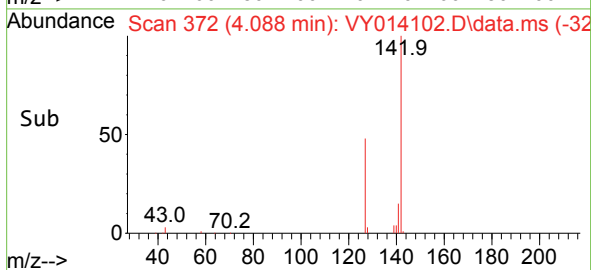
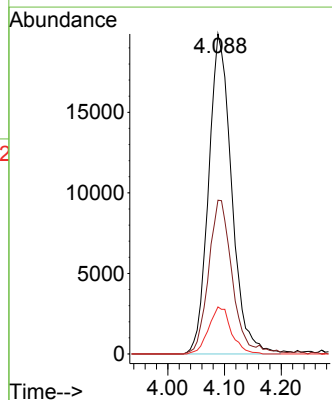
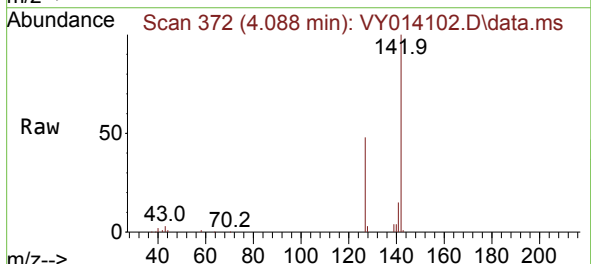
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

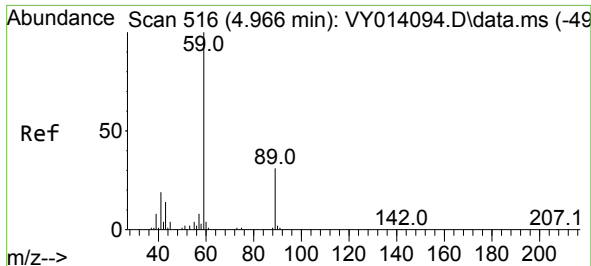
Tgt Ion:101 Resp: 50369
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 85.1 67.0 100.6



#10
Methyl Iodide
Concen: 17.845 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

Tgt Ion:142 Resp: 56036
Ion Ratio Lower Upper
142 100
127 49.7 37.6 56.4
141 14.4 11.8 17.8

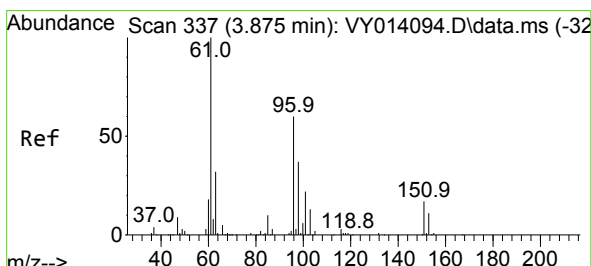
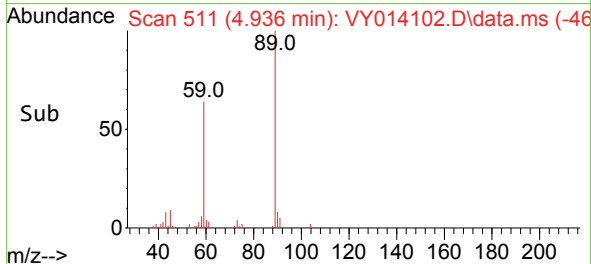
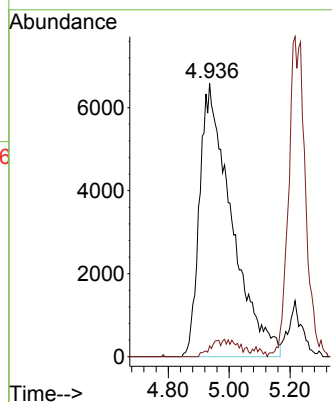
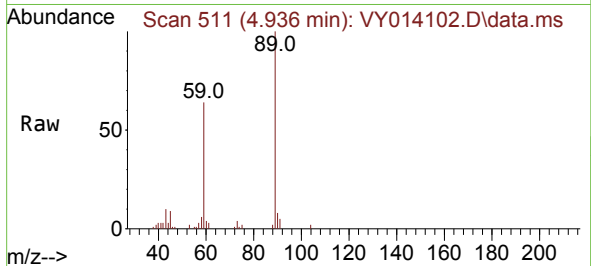




#11
Tert butyl alcohol
Concen: 131.099 ug/l
RT: 4.936 min Scan# 516
Delta R.T. -0.030 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

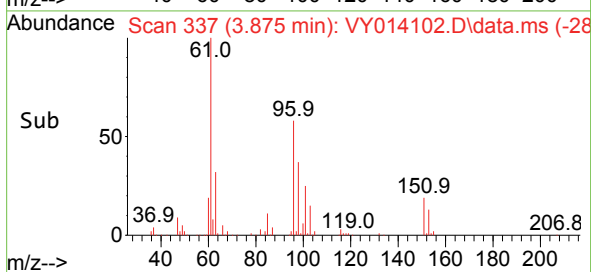
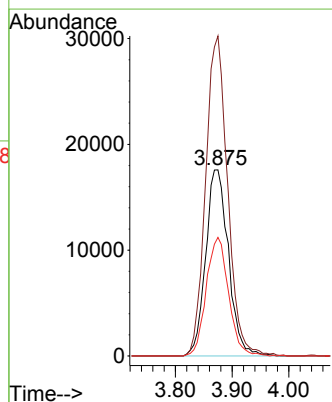
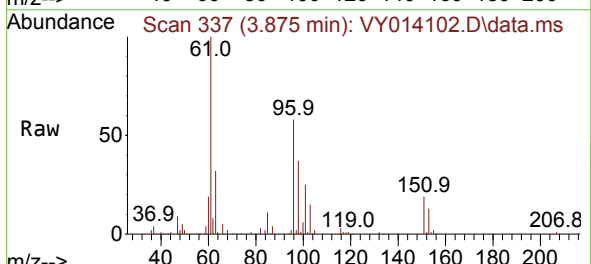
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

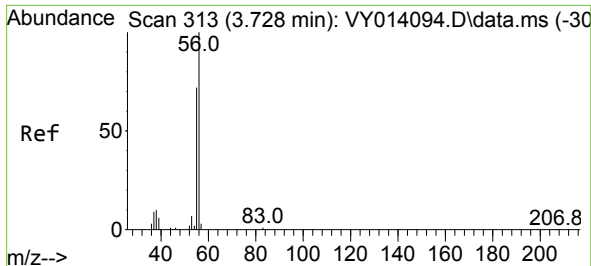
Tgt Ion: 59 Resp: 47934
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.358 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

Tgt Ion: 96 Resp: 49072
Ion Ratio Lower Upper
96 100
61 171.9 136.4 204.6
98 63.7 49.4 74.2

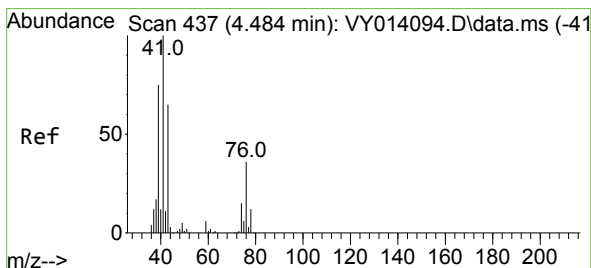
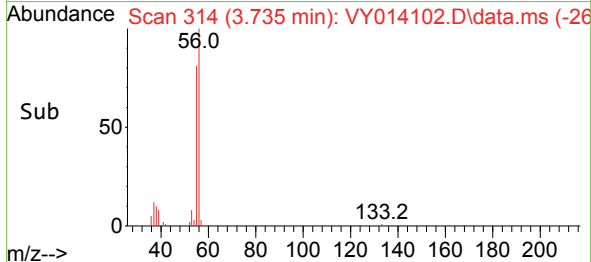
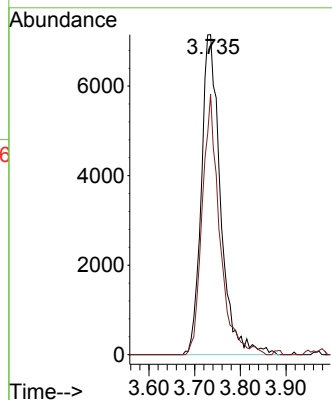
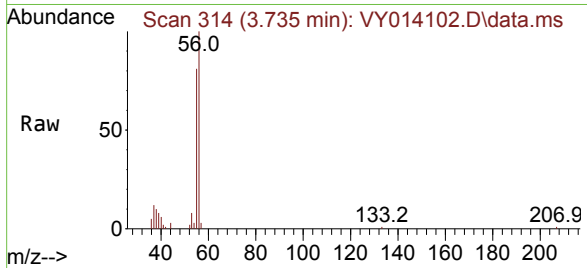




#13
Acrolein
Concen: 139.174 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.007 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

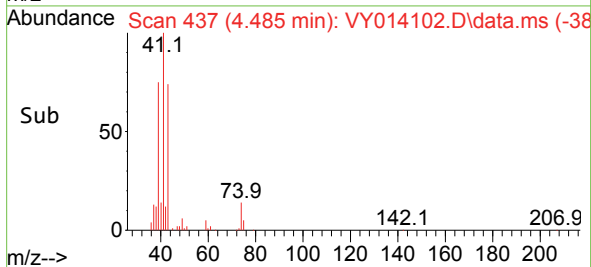
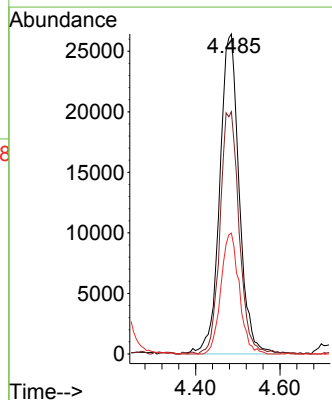
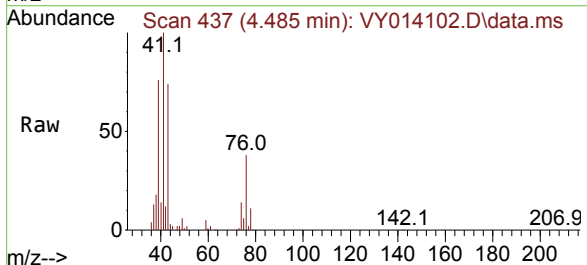
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

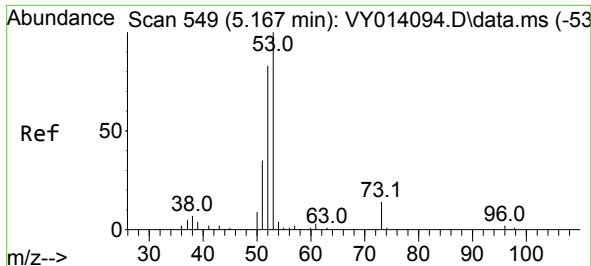
Tgt Ion: 56 Resp: 20865
Ion Ratio Lower Upper
56 100
55 73.0 57.0 85.4



#14
Allyl chloride
Concen: 19.330 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.001 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

Tgt Ion: 41 Resp: 84459
Ion Ratio Lower Upper
41 100
39 74.4 58.0 87.0
76 35.5 27.4 41.2

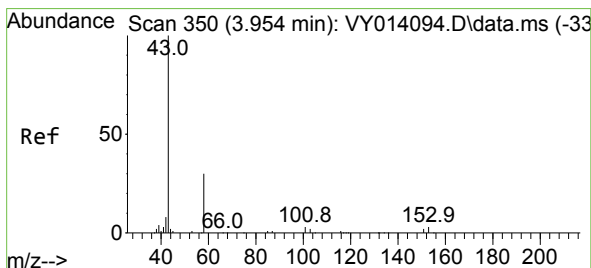
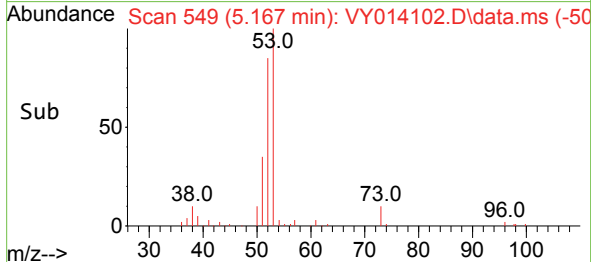
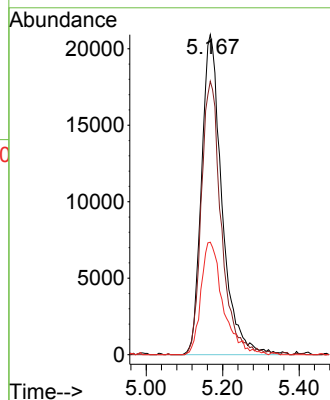
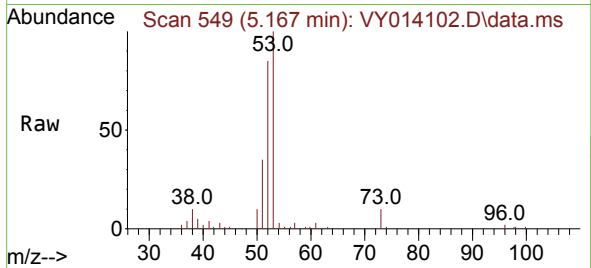




#15
Acrylonitrile
Concen: 95.603 ug/l
RT: 5.167 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

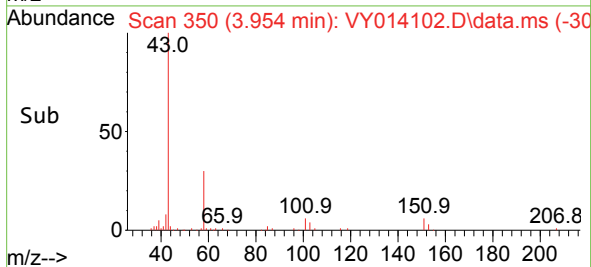
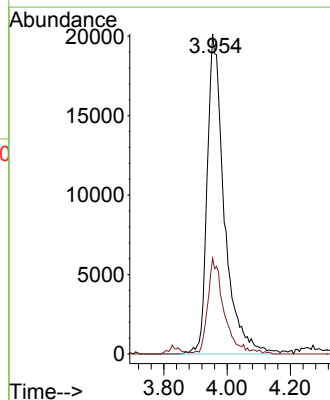
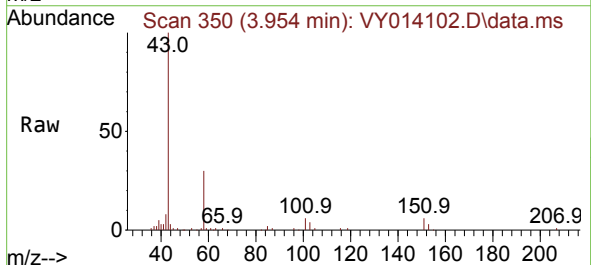
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

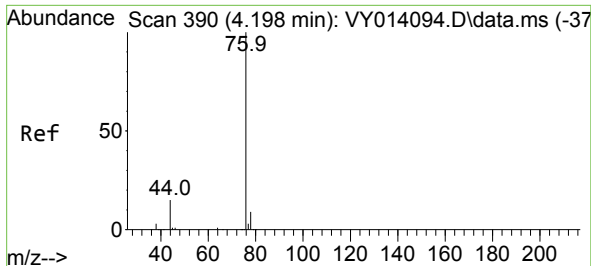
Tgt Ion: 53	Resp: 77588
Ion Ratio	Lower Upper
53 100	
52 83.6	66.9 100.3
51 38.0	29.8 44.6



#16
Acetone
Concen: 85.449 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

Tgt Ion: 43	Resp: 75720
Ion Ratio	Lower Upper
43 100	
58 29.9	22.7 34.1

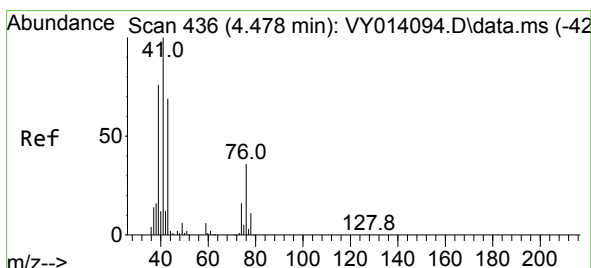
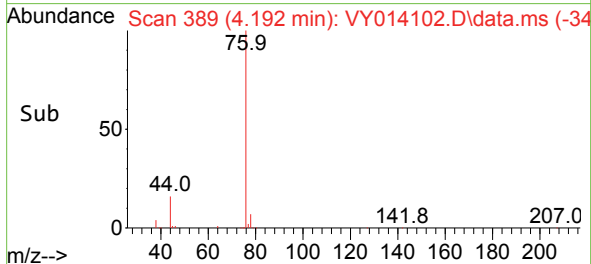
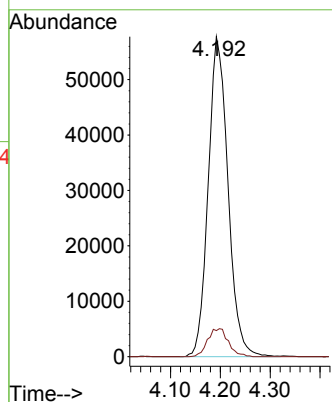
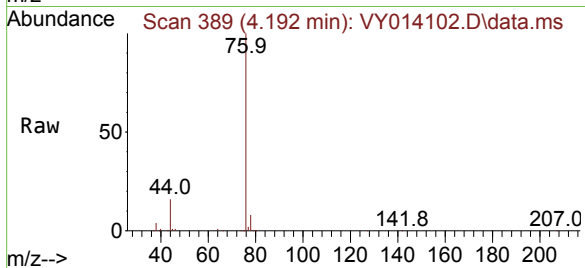




#17
Carbon Disulfide
Concen: 20.309 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

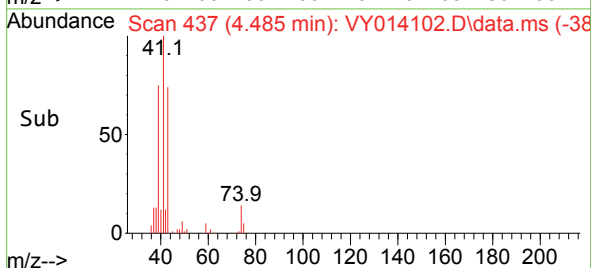
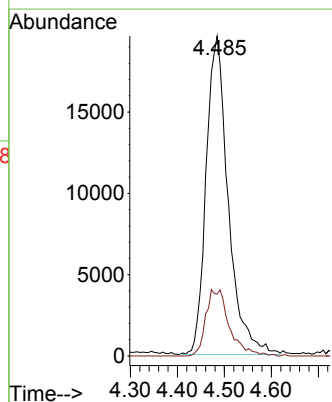
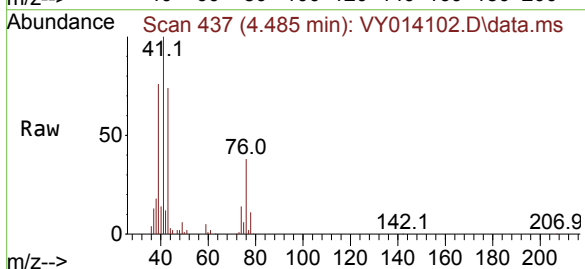
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

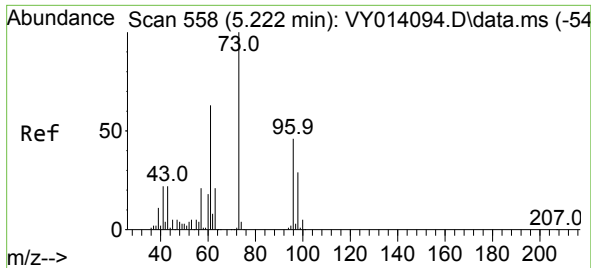
Tgt Ion: 76 Resp: 158633
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.4



#18
Methyl Acetate
Concen: 18.629 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.007 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

Tgt Ion: 43 Resp: 64075
Ion Ratio Lower Upper
43 100
74 22.1 17.4 26.0

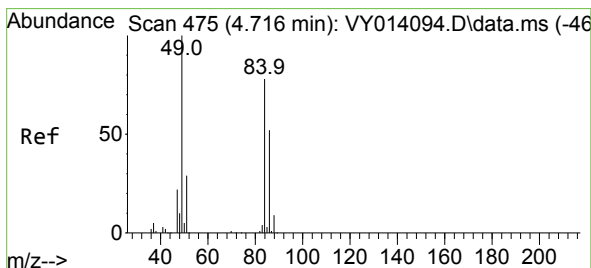
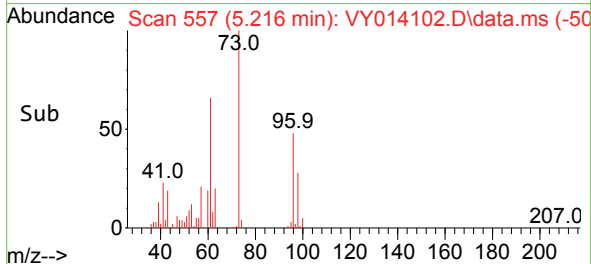
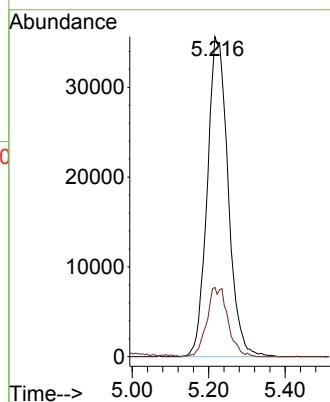
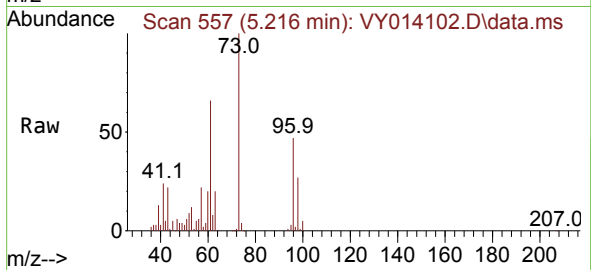




#19
Methyl tert-butyl Ether
Concen: 18.956 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

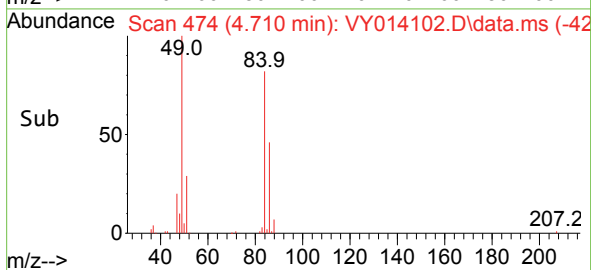
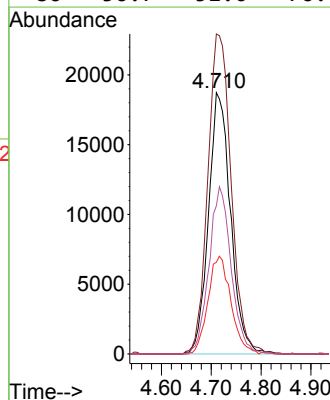
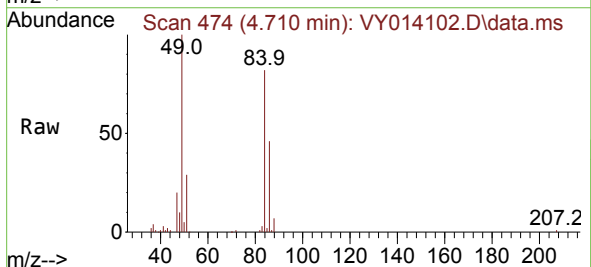
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

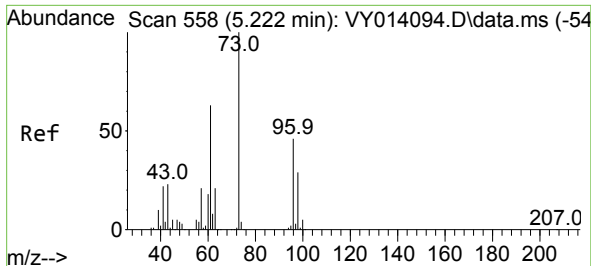
Tgt Ion: 73 Resp: 134762
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 18.102 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

Tgt Ion: 84 Resp: 57682
Ion Ratio Lower Upper
84 100
49 122.5 106.9 160.3
51 35.1 33.2 49.8
86 56.7 51.0 76.6

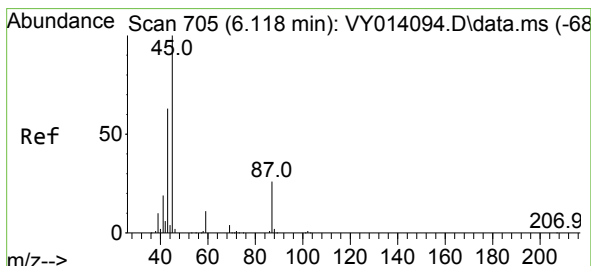
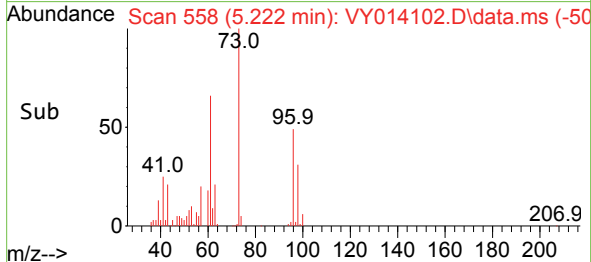
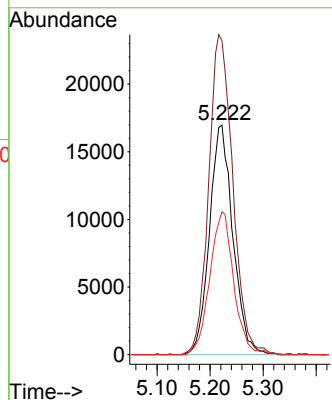
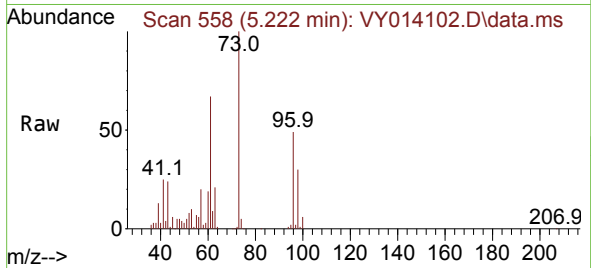




#21
trans-1,2-Dichloroethene
Concen: 19.356 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

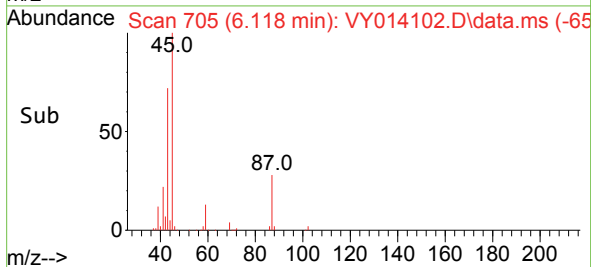
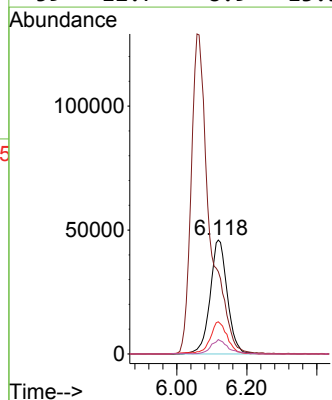
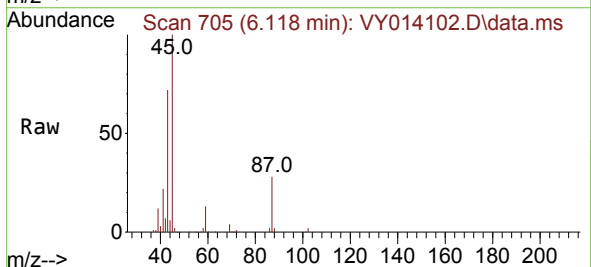
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

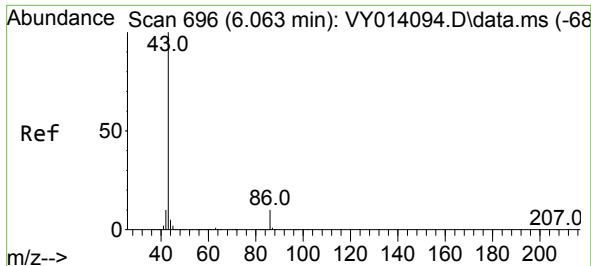
Tgt Ion: 96 Resp: 52039
Ion Ratio Lower Upper
96 100
61 136.8 110.2 165.4
98 62.3 51.8 77.6



#22
Diisopropyl ether
Concen: 18.768 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

Tgt Ion: 45 Resp: 157004
Ion Ratio Lower Upper
45 100
43 71.9 52.2 78.4
87 28.2 21.0 31.6
59 12.7 8.9 13.3

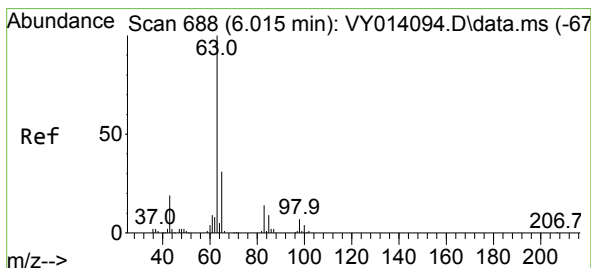
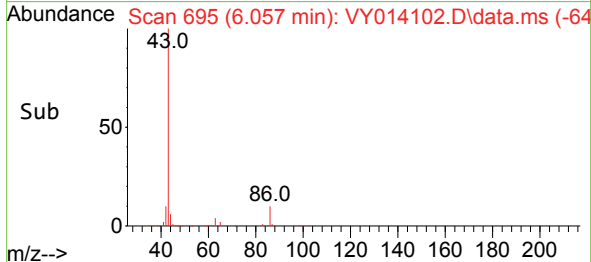
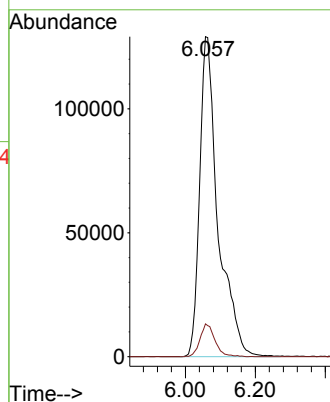
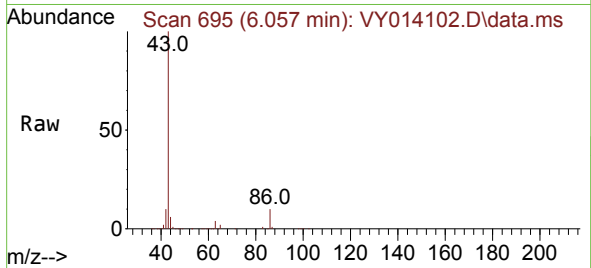




#23
 Vinyl Acetate
 Concen: 95.362 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY014102.D
 Acq: 09 Jun 2023 18:11

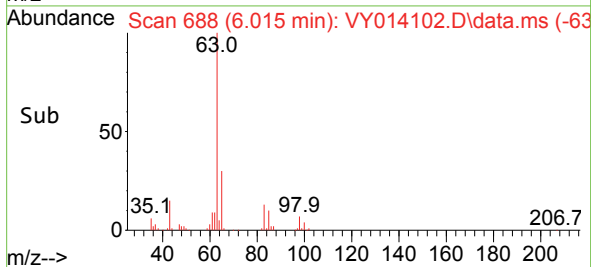
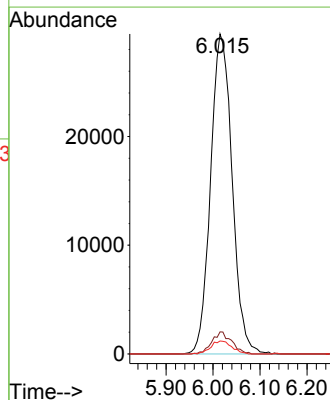
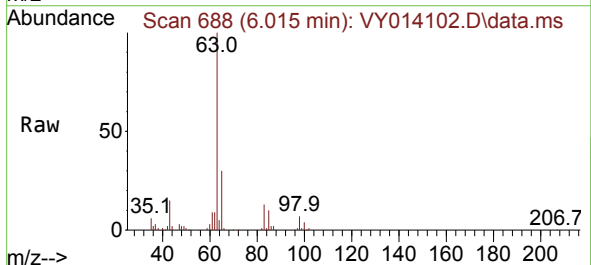
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

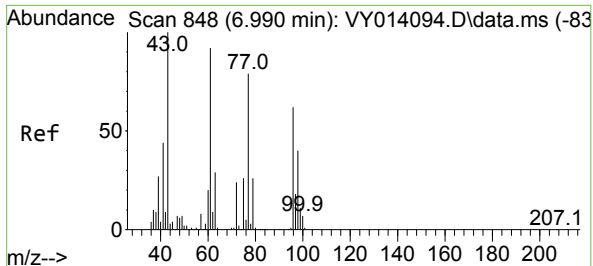
Tgt Ion: 43 Resp: 470701
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 19.437 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY014102.D
 Acq: 09 Jun 2023 18:11

Tgt Ion: 63 Resp: 93750
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.1 1.8 5.5

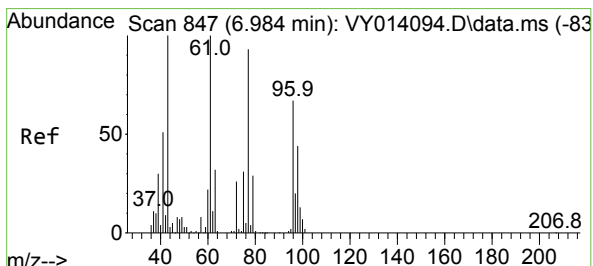
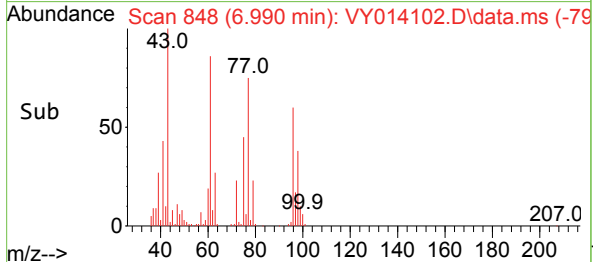
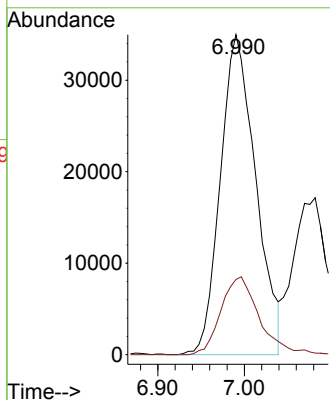
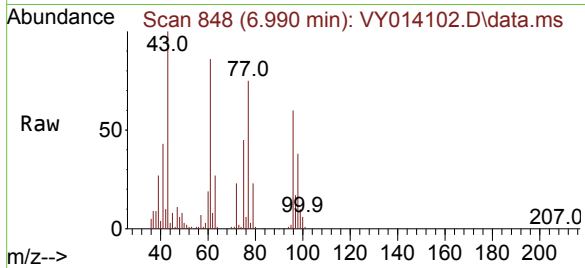




#25
2-Butanone
Concen: 91.087 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

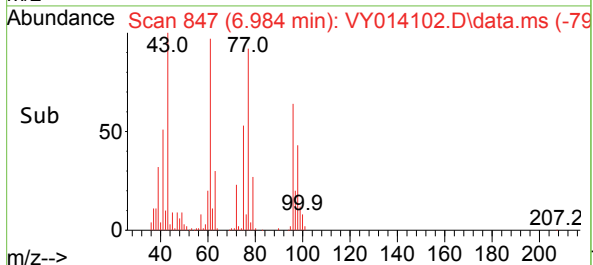
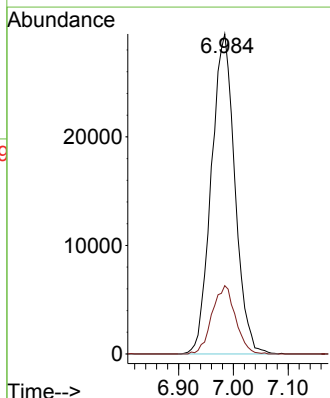
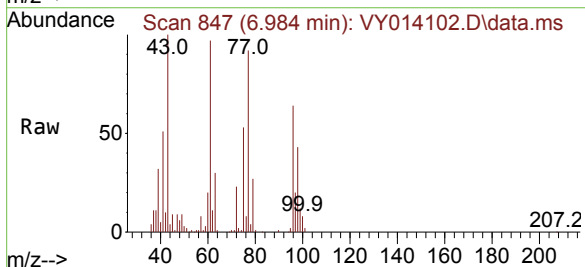
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

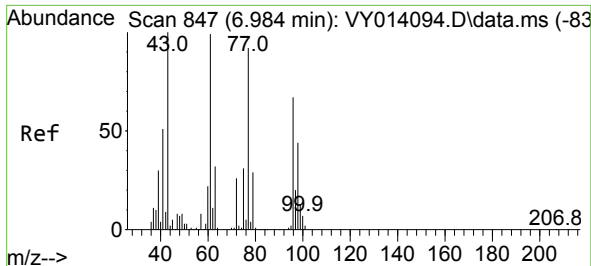
Tgt Ion: 43 Resp: 99358
Ion Ratio Lower Upper
43 100
72 23.5 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.421 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

Tgt Ion: 77 Resp: 87984
Ion Ratio Lower Upper
77 100
97 21.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.101 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

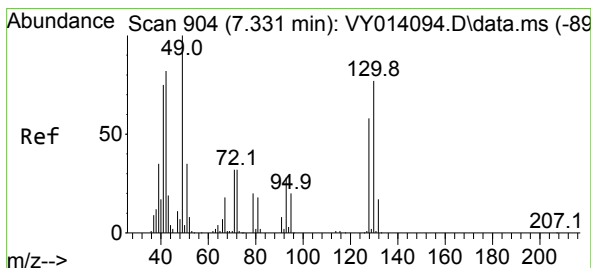
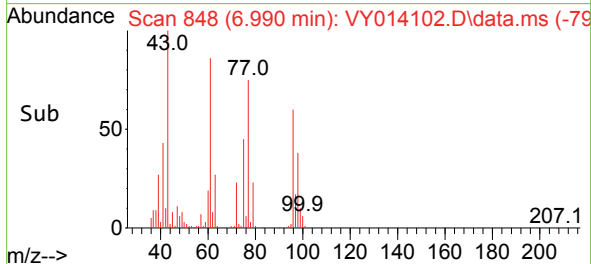
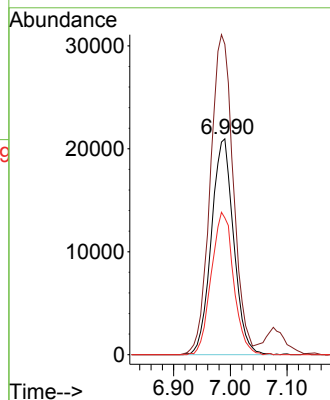
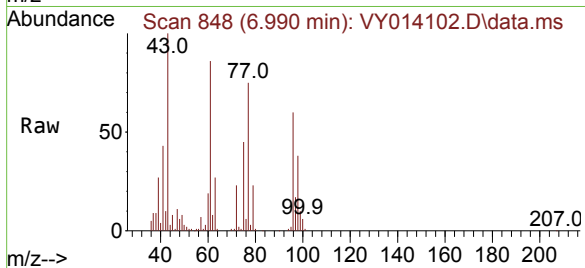
Tgt Ion: 96 Resp: 57446

Ion Ratio Lower Upper

96 100

61 152.9 0.0 301.4

98 65.8 0.0 130.4



#28

Bromochloromethane

Concen: 20.463 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.007 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

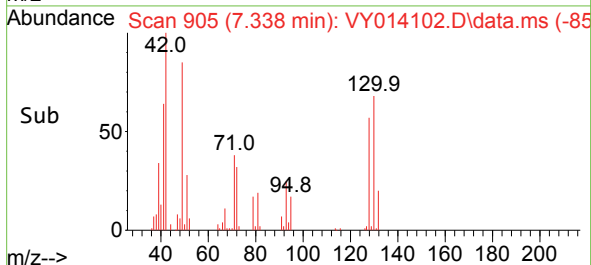
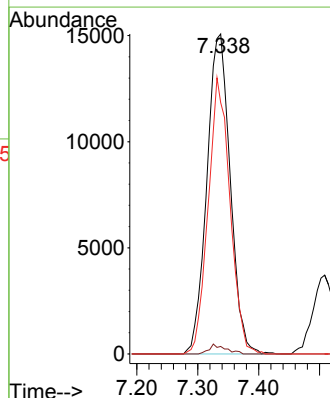
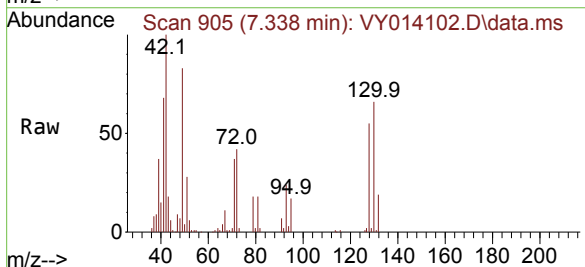
Tgt Ion: 49 Resp: 40138

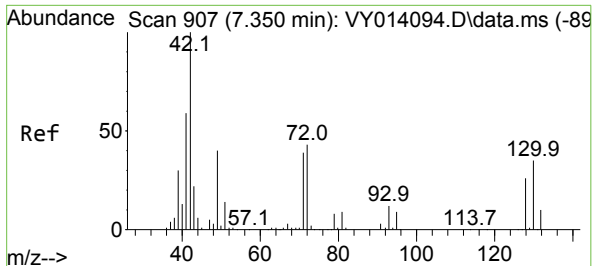
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 80.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 97.710 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

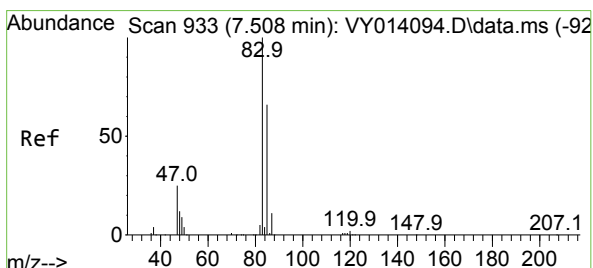
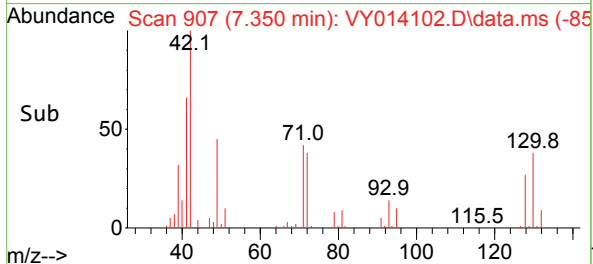
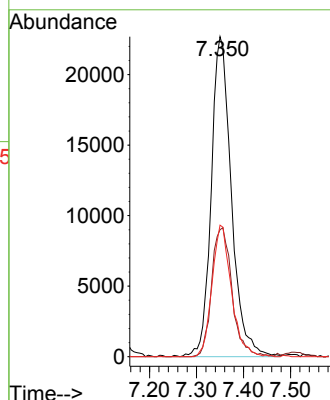
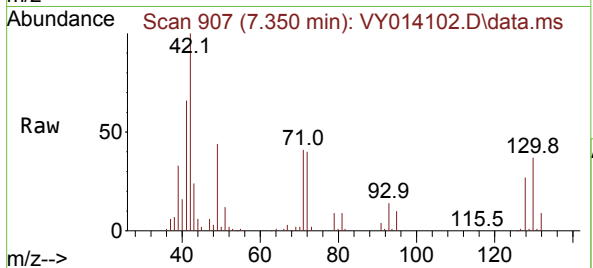
Tgt Ion: 42 Resp: 67585

Ion Ratio Lower Upper

42 100

72 40.7 32.8 49.2

71 39.3 31.0 46.4



#30

Chloroform

Concen: 20.004 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY014102.D

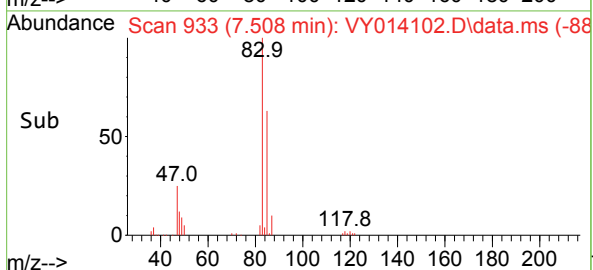
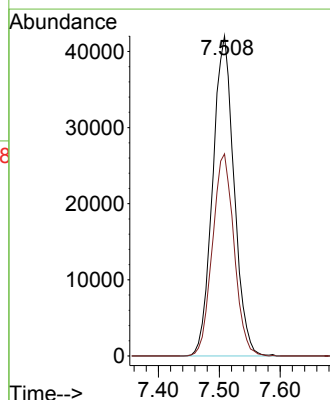
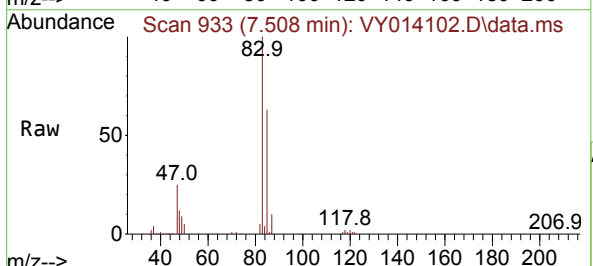
Acq: 09 Jun 2023 18:11

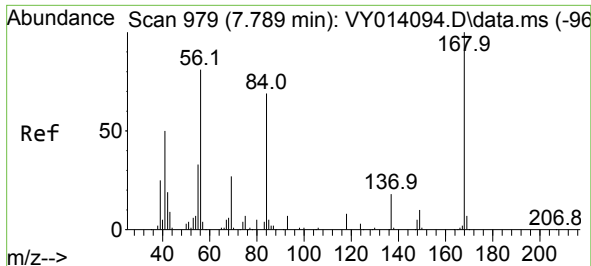
Tgt Ion: 83 Resp: 102364

Ion Ratio Lower Upper

83 100

85 63.1 49.7 74.5





#31

Cyclohexane

Concen: 20.211 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

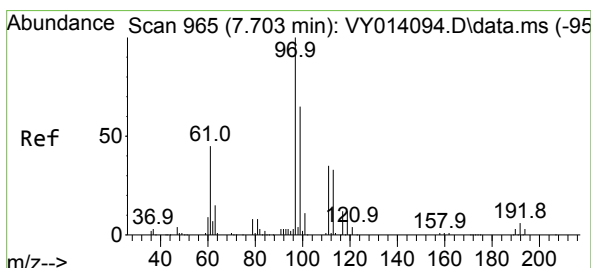
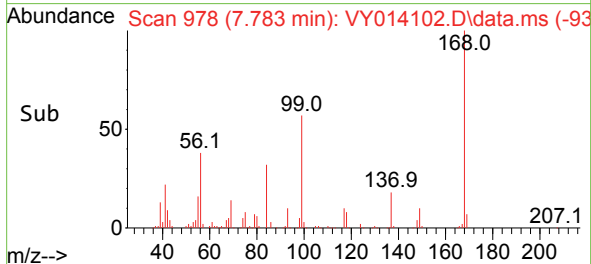
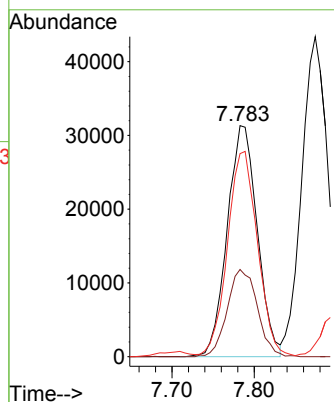
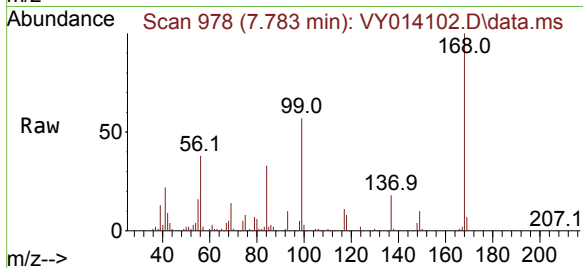
Tgt Ion: 56 Resp: 79593

Ion Ratio Lower Upper

56 100

69 37.8 27.8 41.6

84 85.4 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 19.975 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

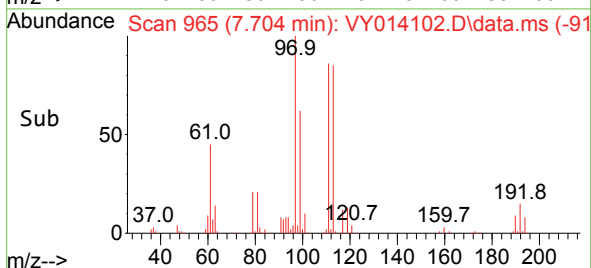
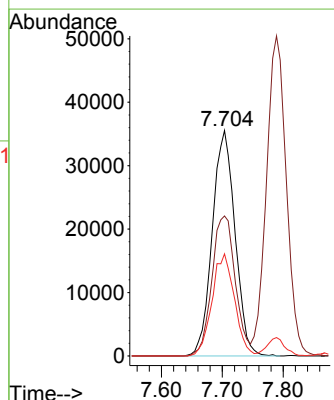
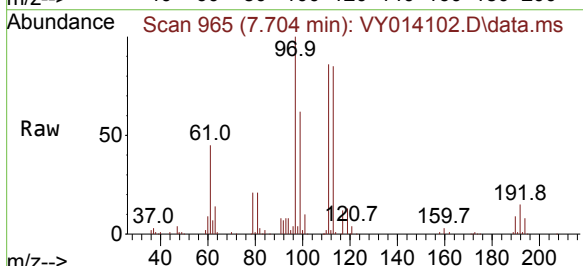
Tgt Ion: 97 Resp: 92187

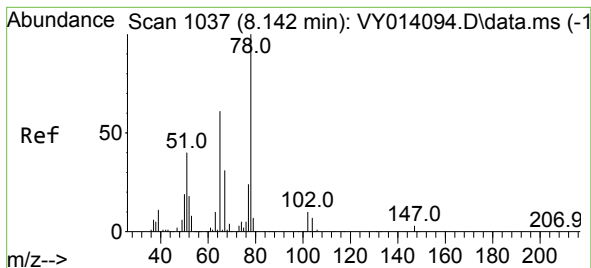
Ion Ratio Lower Upper

97 100

99 64.0 50.8 76.2

61 44.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 44.986 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

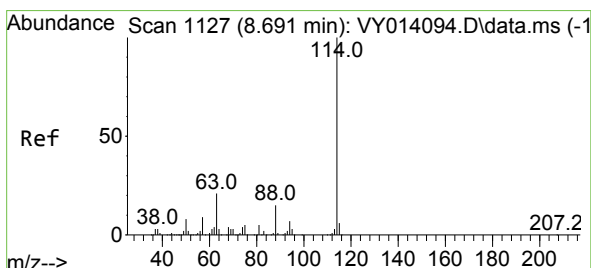
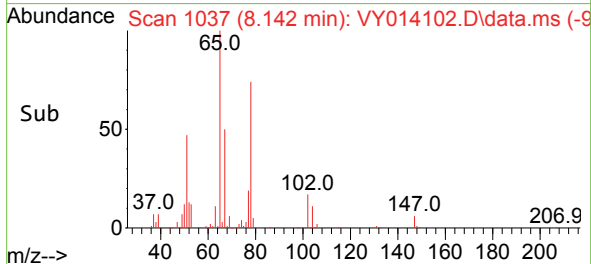
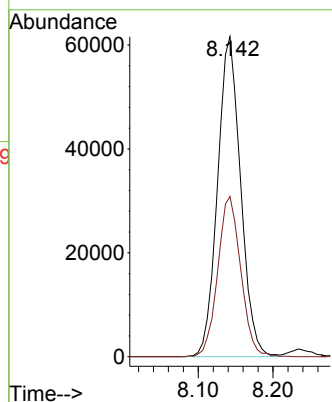
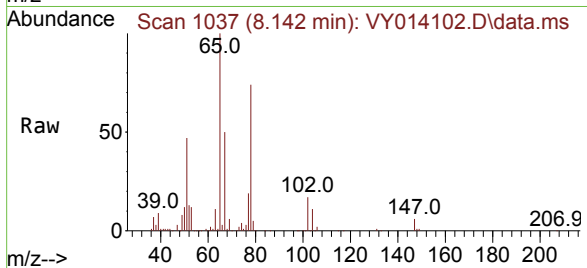
VY0609SBS01

Tgt Ion: 65 Resp: 132249

Ion Ratio Lower Upper

65 100

67 50.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

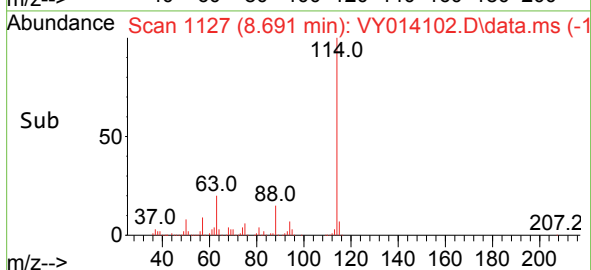
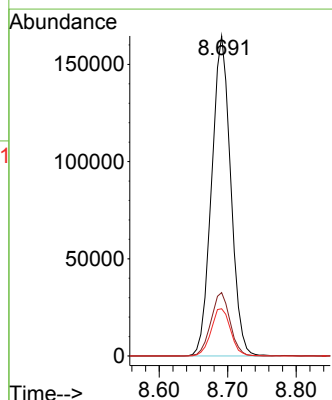
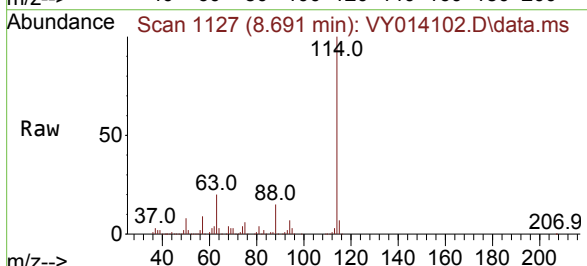
Tgt Ion: 114 Resp: 317312

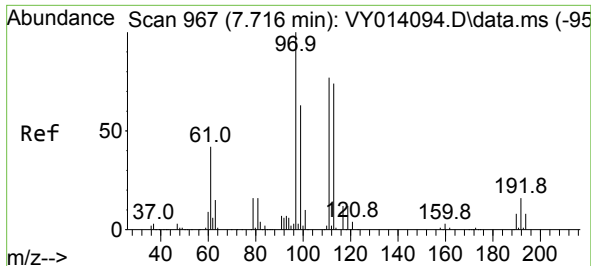
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 14.7 0.0 30.6

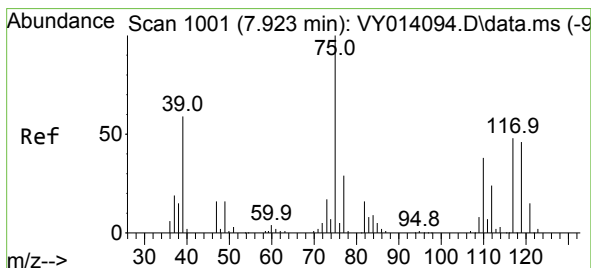
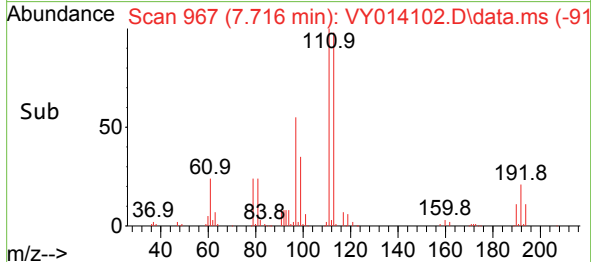
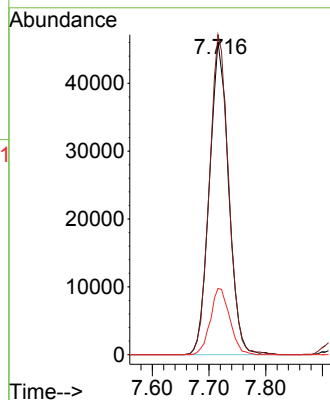
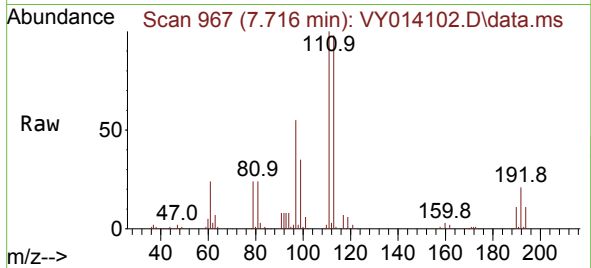




#35
Dibromofluoromethane
Concen: 48.302 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

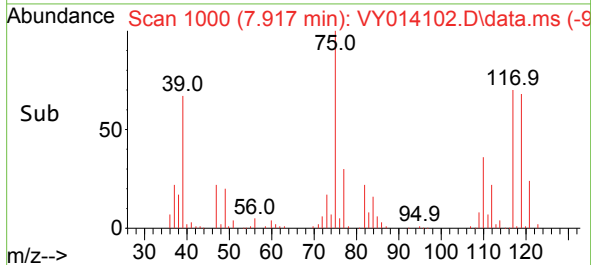
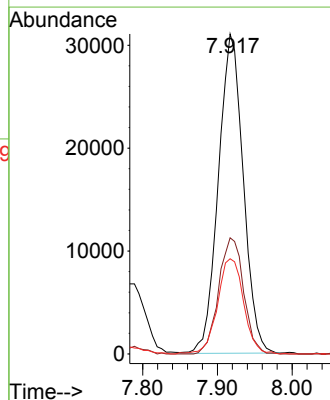
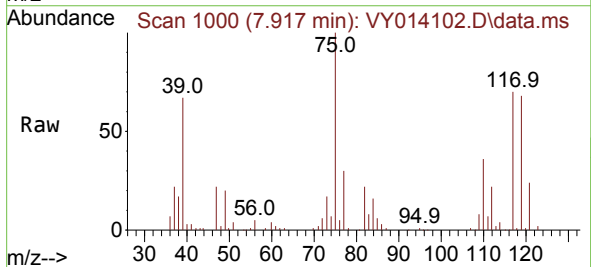
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

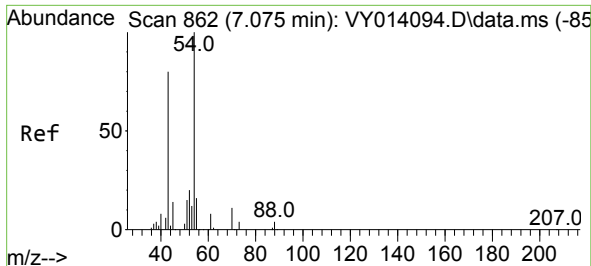
Tgt Ion:113 Resp: 108695
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 21.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.471 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

Tgt Ion: 75 Resp: 71816
Ion Ratio Lower Upper
75 100
110 36.5 17.8 53.5
77 31.3 24.4 36.6

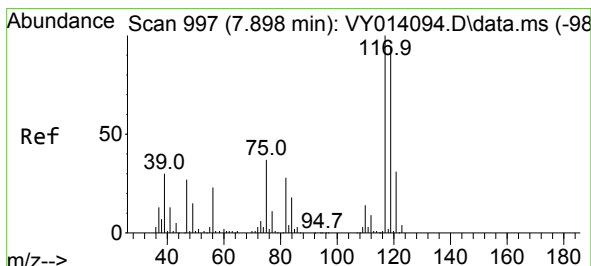
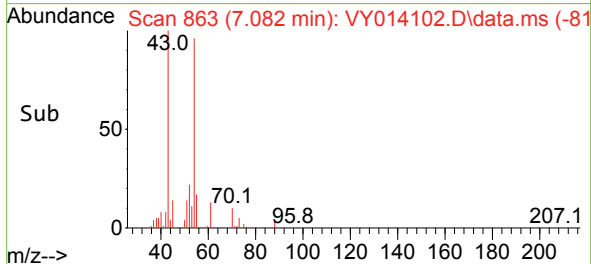
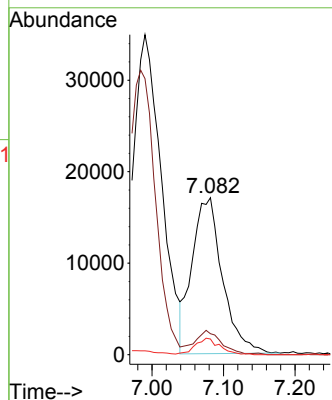
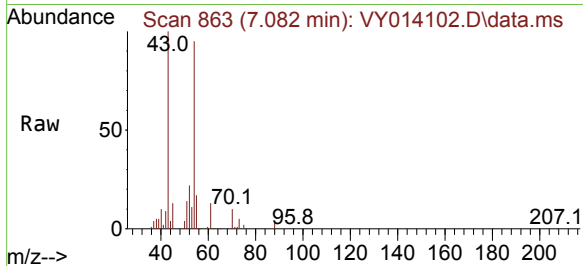




#37
Ethyl Acetate
Concen: 20.821 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.007 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

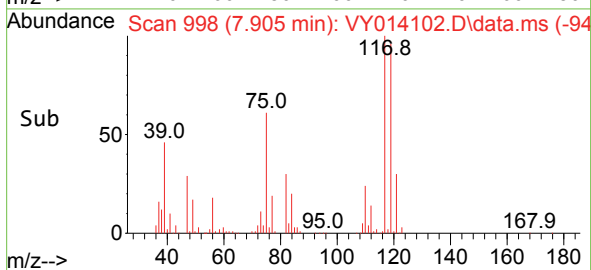
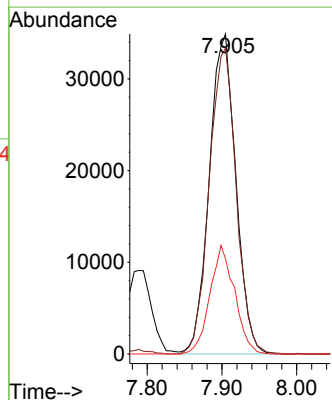
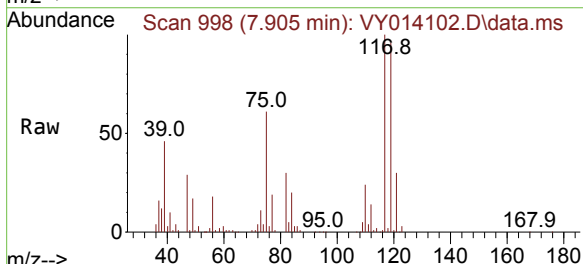
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

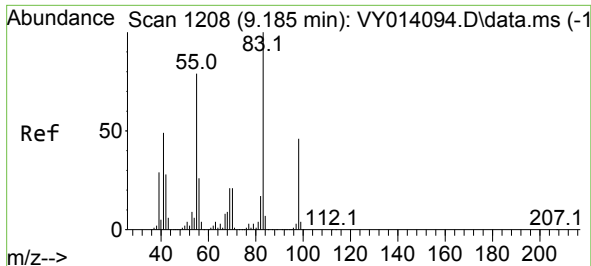
Tgt Ion: 43 Resp: 50399
Ion Ratio Lower Upper
43 100
61 12.0 10.1 15.1
70 8.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 21.319 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.007 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

Tgt Ion: 117 Resp: 86310
Ion Ratio Lower Upper
117 100
119 95.6 76.4 114.6
121 29.8 25.8 38.6





#39

Methylcyclohexane

Concen: 21.521 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

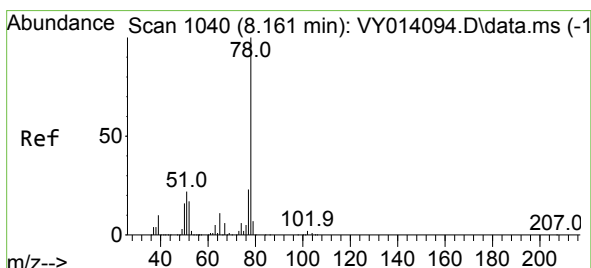
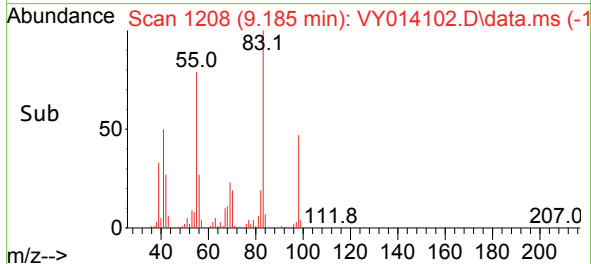
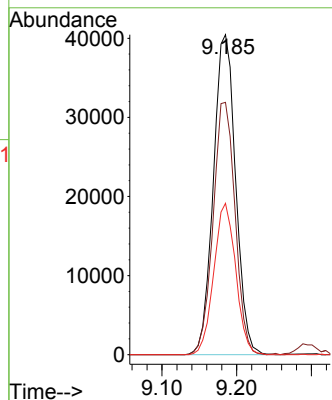
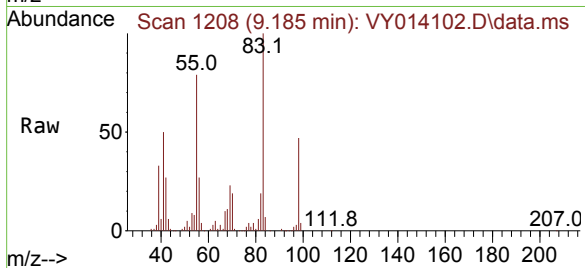
Tgt Ion: 83 Resp: 83769

Ion Ratio Lower Upper

83 100

55 78.9 63.0 94.4

98 47.3 37.4 56.2



#40

Benzene

Concen: 20.388 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY014102.D

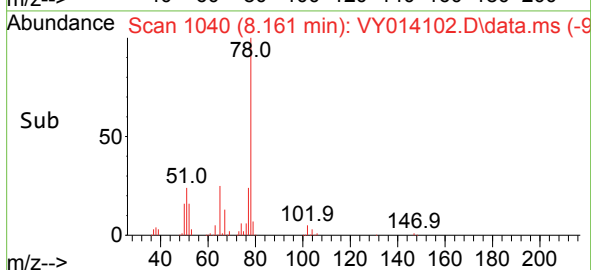
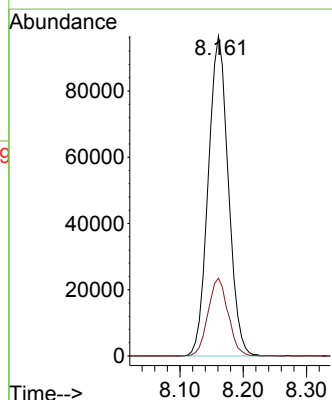
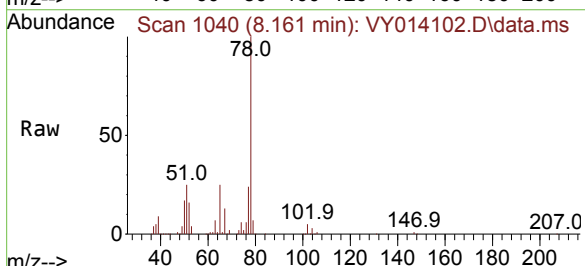
Acq: 09 Jun 2023 18:11

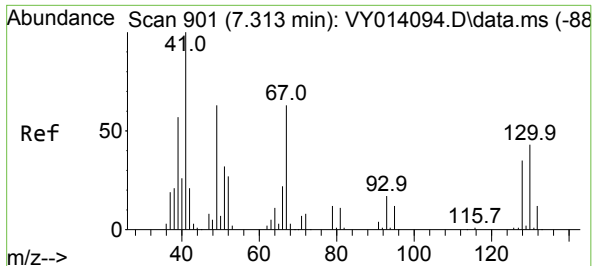
Tgt Ion: 78 Resp: 212693

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.6

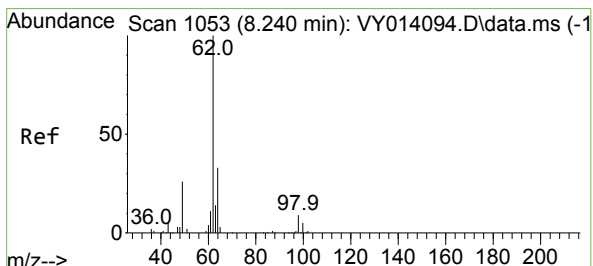
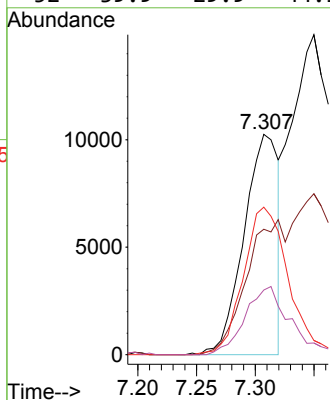
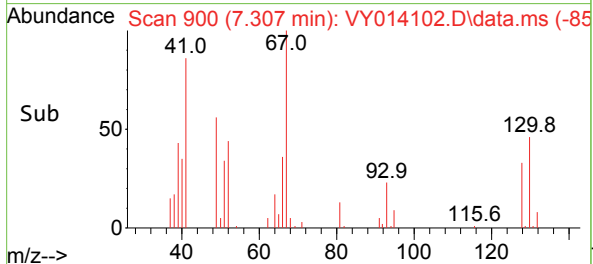
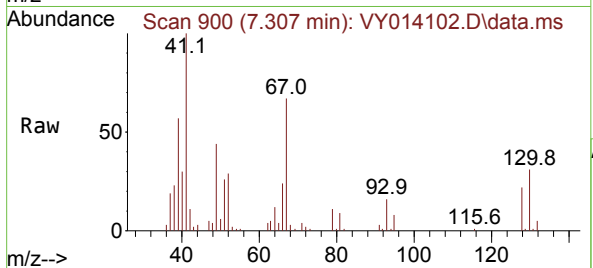




#41
Methacrylonitrile
Concen: 16.961 ug/l
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

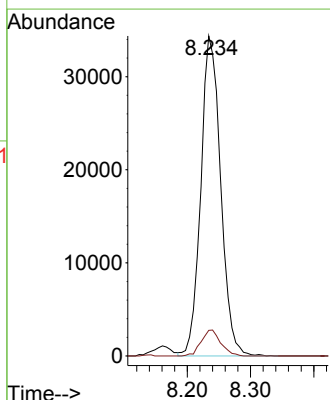
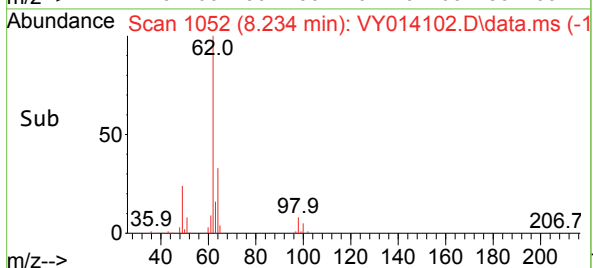
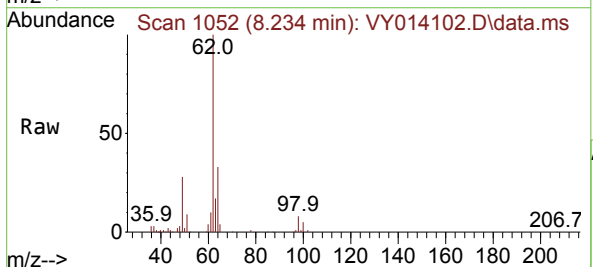
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

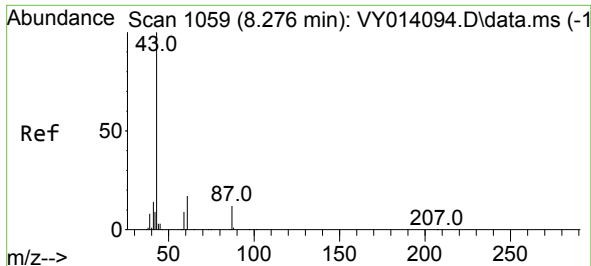
Tgt Ion: 41	Resp: 20953
Ion Ratio	Lower Upper
41 100	
39 69.1	52.1 78.1
67 88.3	66.2 99.2
52 39.9	29.9 44.9



#42
1,2-Dichloroethane
Concen: 20.367 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

Tgt Ion: 62	Resp: 75137
Ion Ratio	Lower Upper
62 100	
98 8.0	0.0 15.8

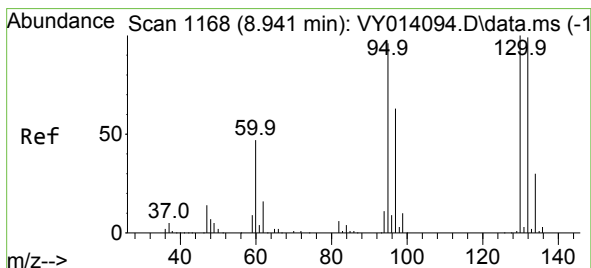
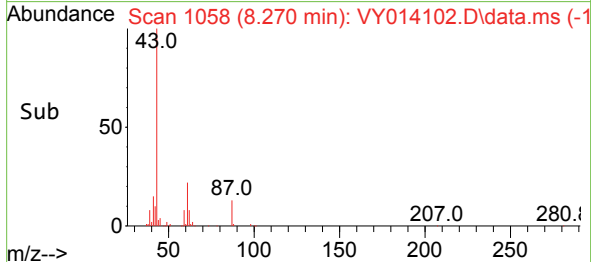
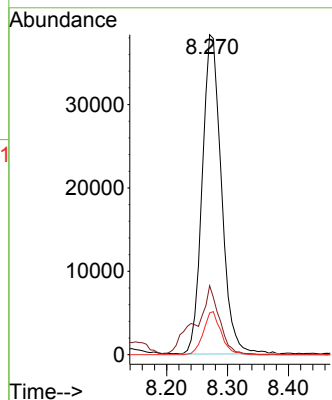
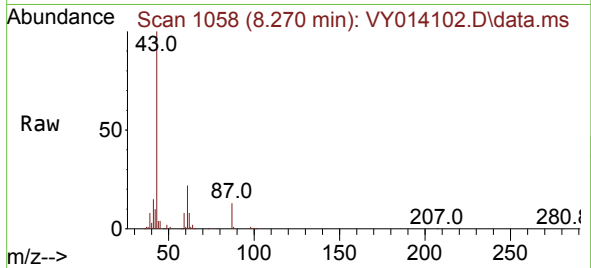




#43
Isopropyl Acetate
Concen: 19.767 ug/l
RT: 8.270 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

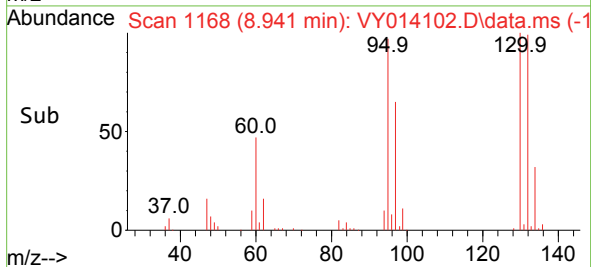
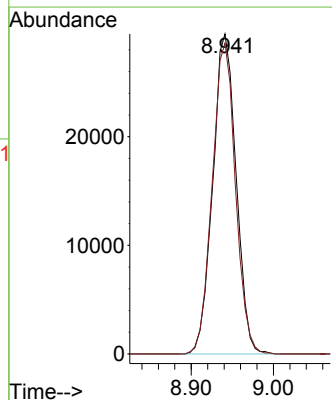
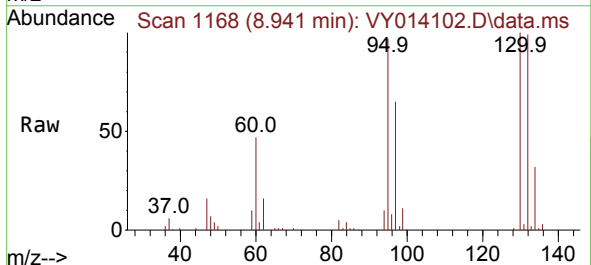
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

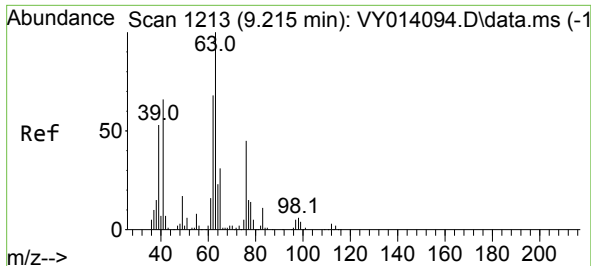
Tgt Ion: 43 Resp: 83864
Ion Ratio Lower Upper
43 100
61 26.8 21.1 31.7
87 12.5 9.8 14.8



#44
Trichloroethene
Concen: 20.825 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

Tgt Ion:130 Resp: 58043
Ion Ratio Lower Upper
130 100
95 97.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.929 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

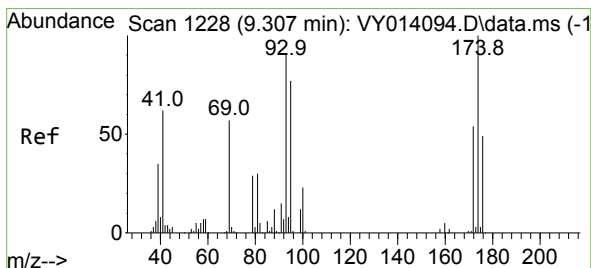
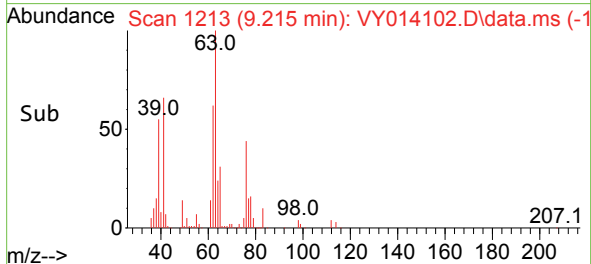
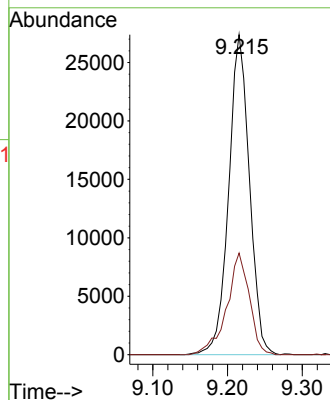
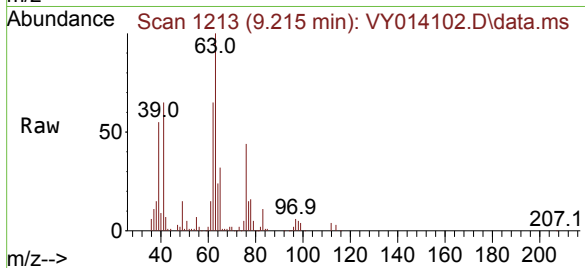
VY0609SBS01

Tgt Ion: 63 Resp: 52808

Ion Ratio Lower Upper

63 100

65 31.8 23.8 35.6



#46

Dibromomethane

Concen: 20.194 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

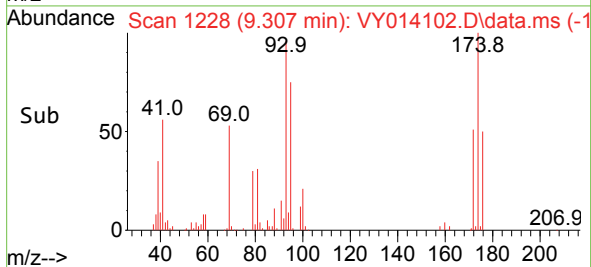
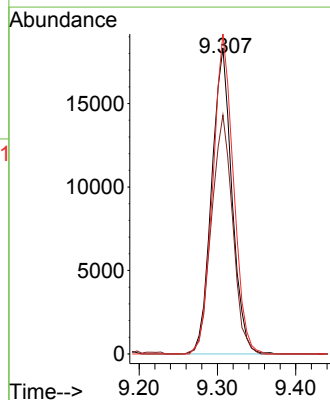
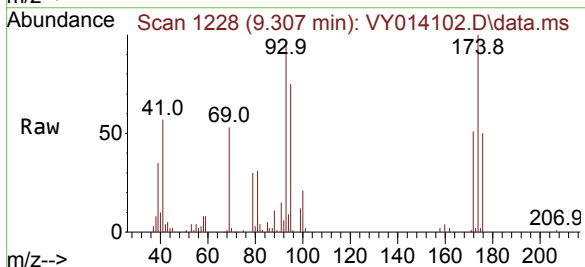
Tgt Ion: 93 Resp: 32938

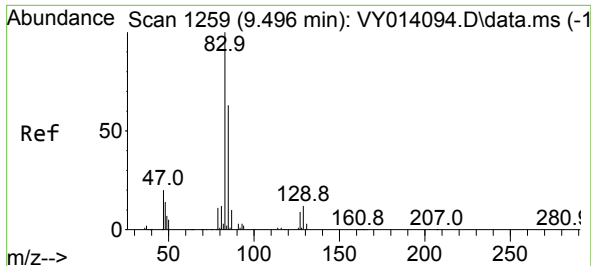
Ion Ratio Lower Upper

93 100

95 81.2 66.6 100.0

174 106.4 84.8 127.2

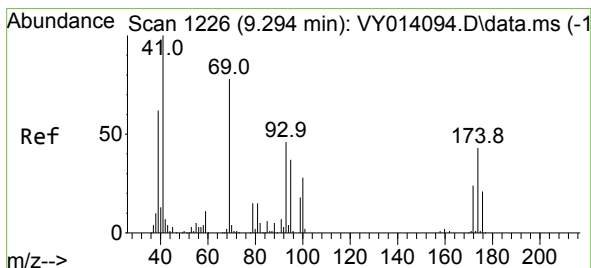
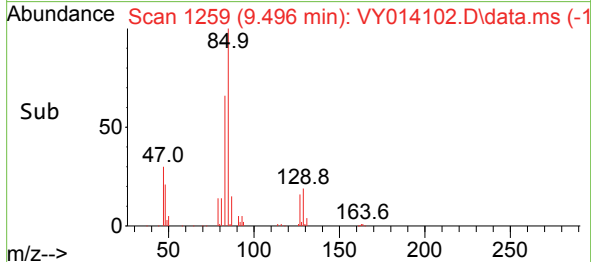
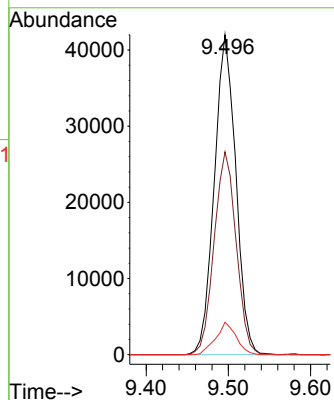
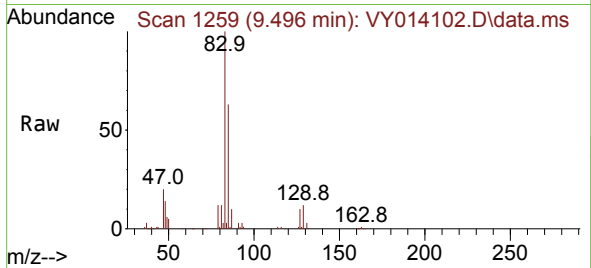




#47
Bromodichloromethane
Concen: 20.001 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

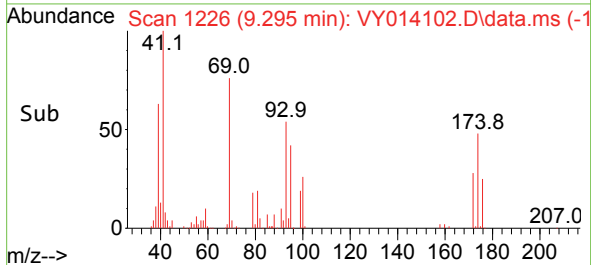
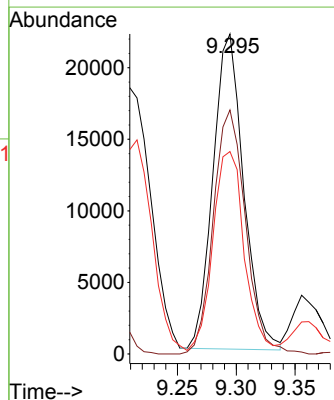
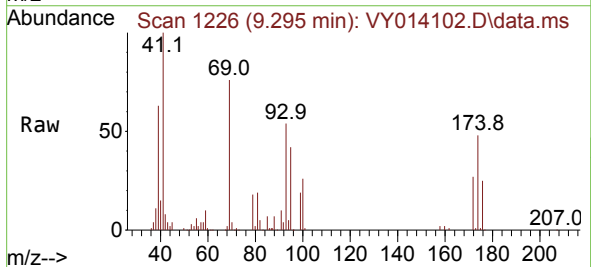
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

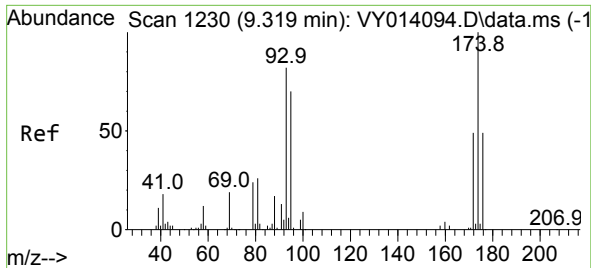
Tgt Ion: 83 Resp: 76386
Ion Ratio Lower Upper
83 100
85 63.4 50.1 75.1
127 10.2 7.1 10.7



#48
Methyl methacrylate
Concen: 20.187 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

Tgt Ion: 41 Resp: 39946
Ion Ratio Lower Upper
41 100
69 81.4 64.5 96.7
39 64.1 50.8 76.2





#49

1,4-Dioxane

Concen: 388.413 ug/l

RT: 9.313 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

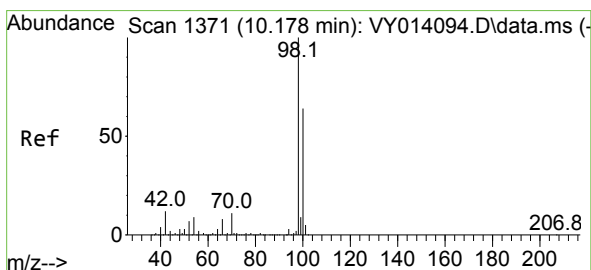
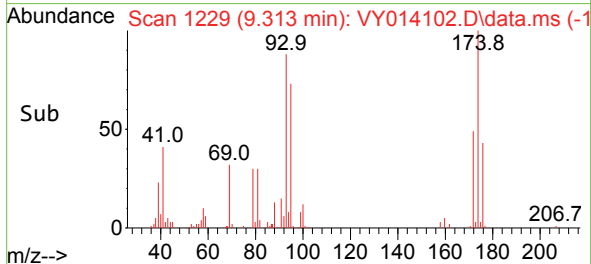
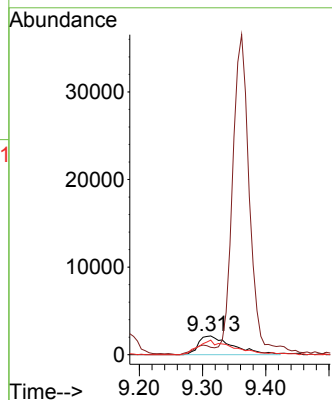
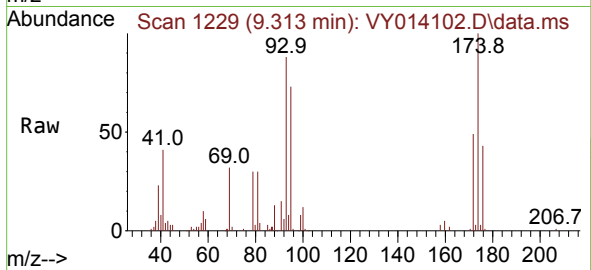
Tgt Ion: 88 Resp: 8050

Ion Ratio Lower Upper

88 100

43 28.9 0.0 0.0#

58 77.1 30.9 46.3#



#50

Toluene-d8

Concen: 46.611 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014102.D

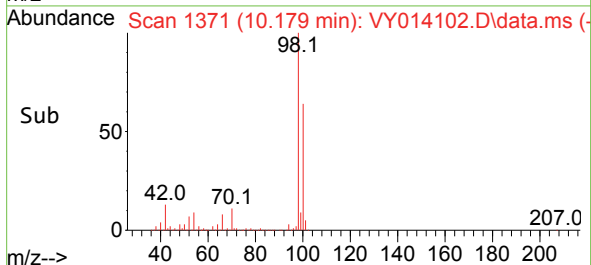
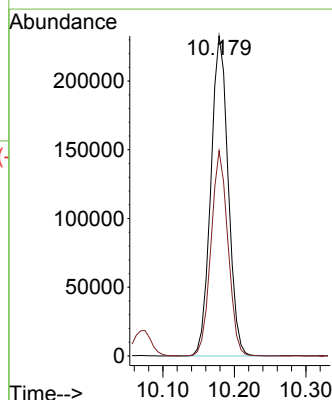
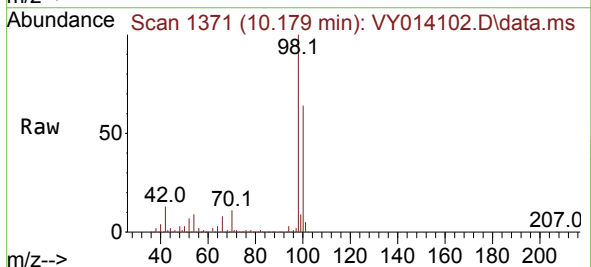
Acq: 09 Jun 2023 18:11

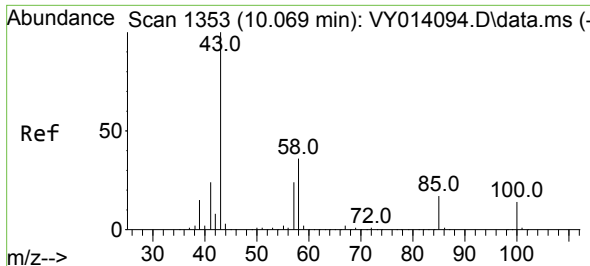
Tgt Ion: 98 Resp: 392140

Ion Ratio Lower Upper

98 100

100 62.7 50.1 75.1

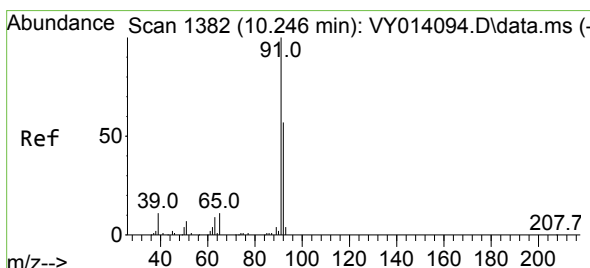
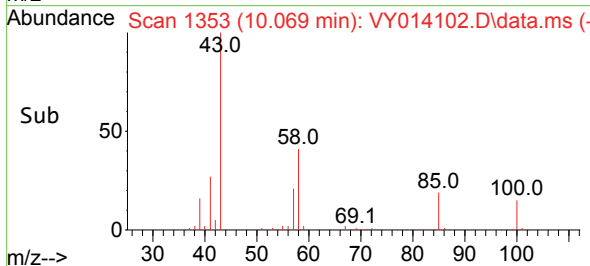
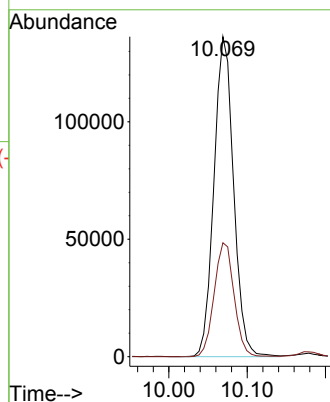
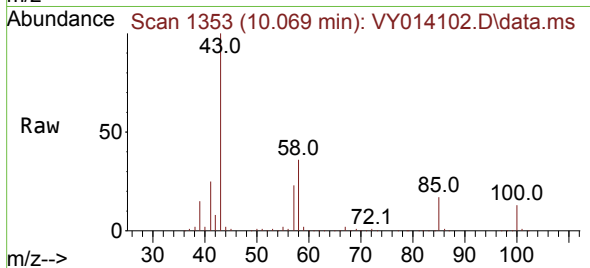




#51
4-Methyl-2-Pentanone
Concen: 102.956 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

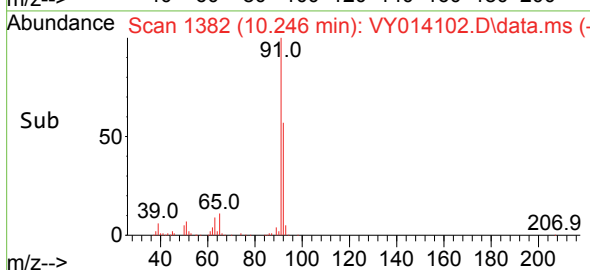
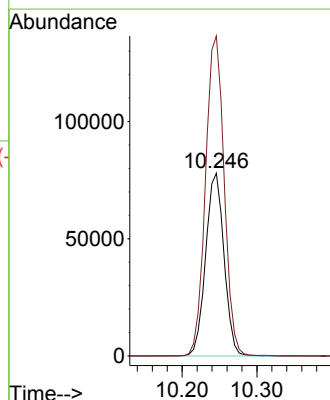
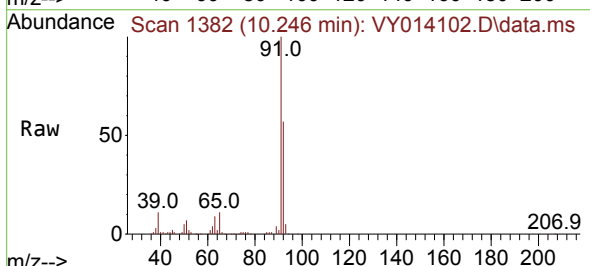
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

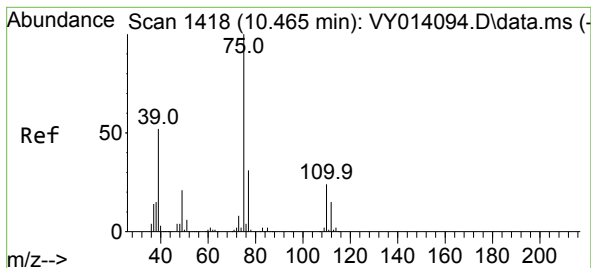
Tgt Ion: 43 Resp: 237309
Ion Ratio Lower Upper
43 100
58 36.2 29.0 43.6



#52
Toluene
Concen: 20.582 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

Tgt Ion: 92 Resp: 133103
Ion Ratio Lower Upper
92 100
91 177.7 143.8 215.6

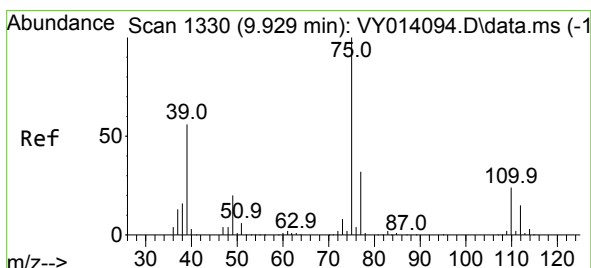
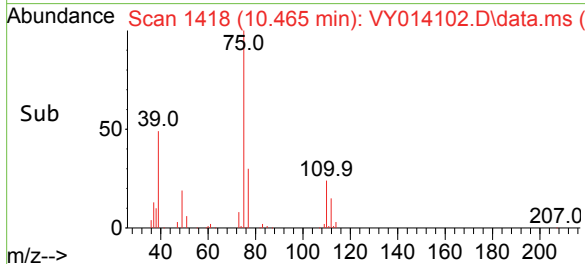
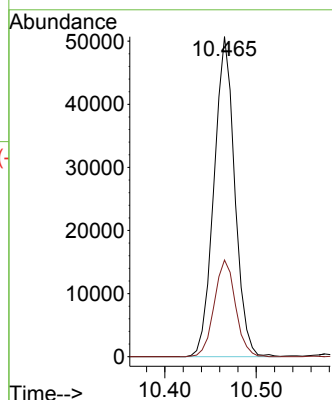
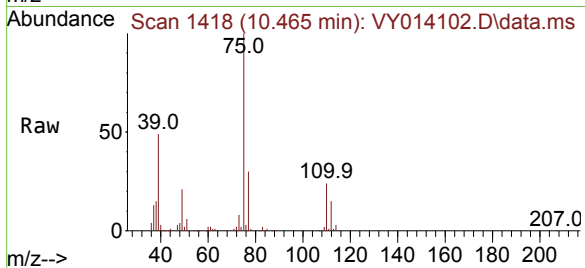




#53
t-1,3-Dichloropropene
Concen: 19.890 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

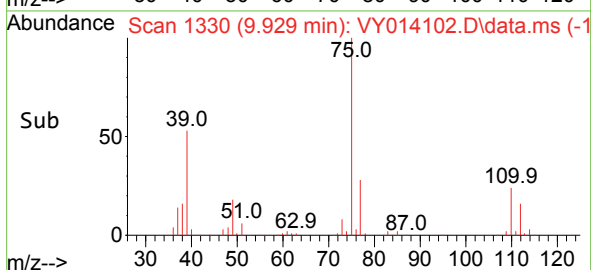
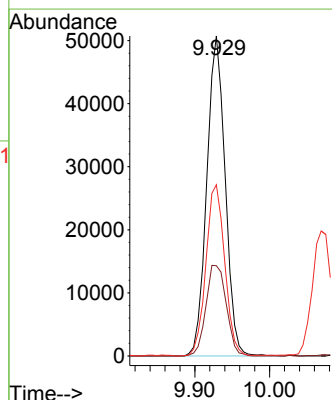
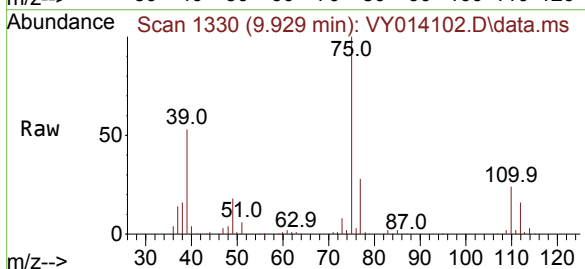
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

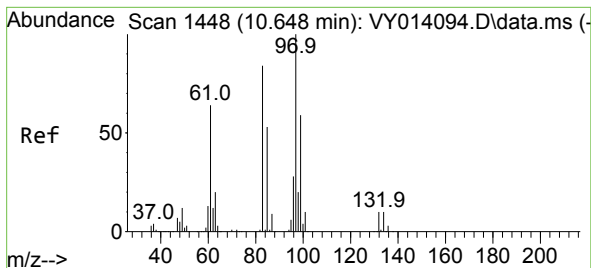
Tgt Ion: 75 Resp: 79967
Ion Ratio Lower Upper
75 100
77 30.2 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 19.783 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

Tgt Ion: 75 Resp: 86778
Ion Ratio Lower Upper
75 100
77 28.2 24.2 36.4
39 53.5 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 20.096 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

Tgt Ion: 97 Resp: 43477

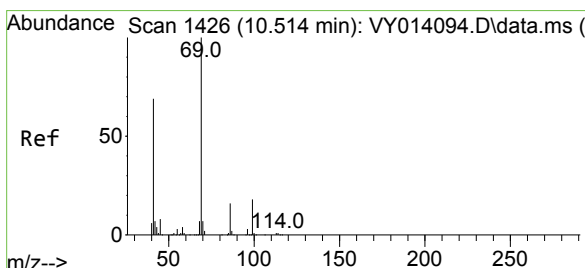
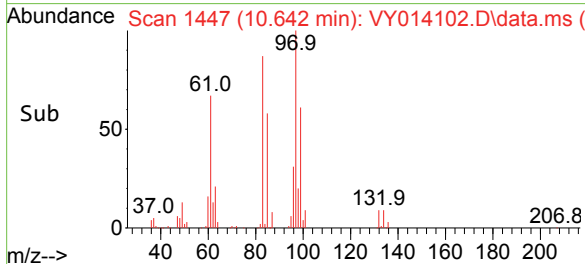
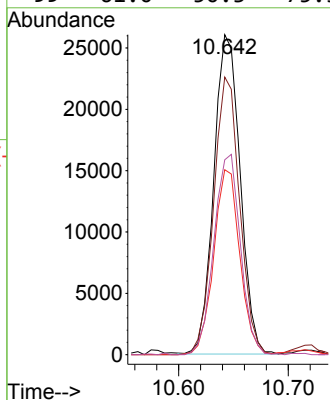
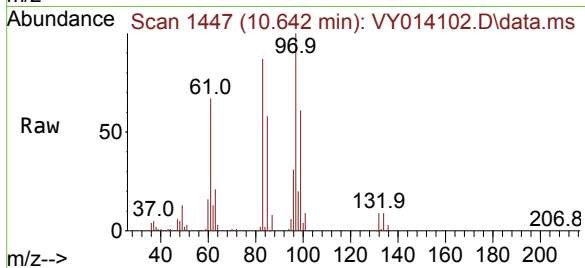
Ion Ratio Lower Upper

97 100

83 86.9 72.0 108.0

85 57.9 45.4 68.0

99 61.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 19.715 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

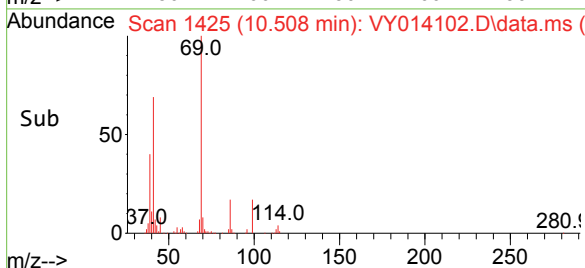
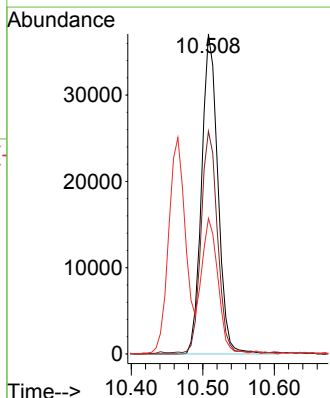
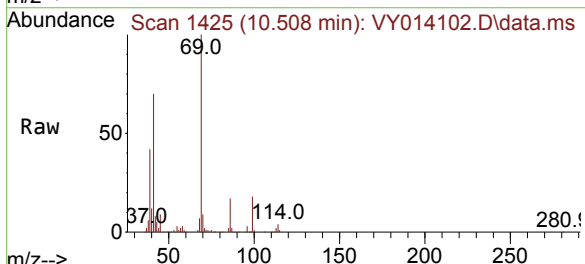
Tgt Ion: 69 Resp: 58830

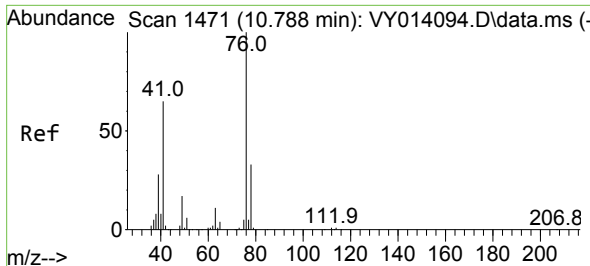
Ion Ratio Lower Upper

69 100

41 69.8 57.6 86.4

39 41.4 34.1 51.1





#57

1,3-Dichloropropane

Concen: 19.827 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

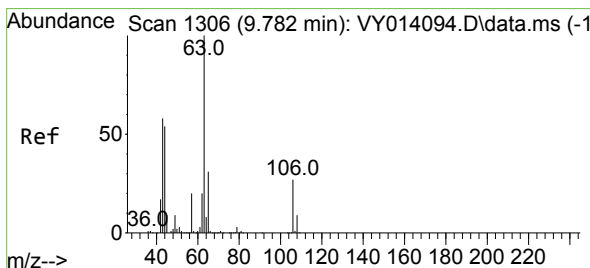
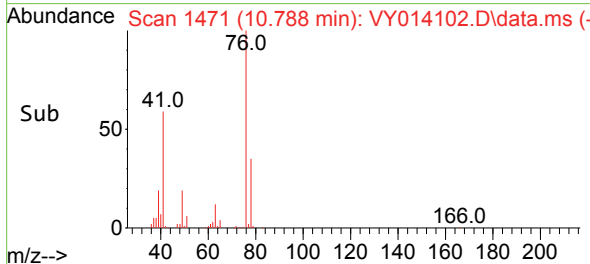
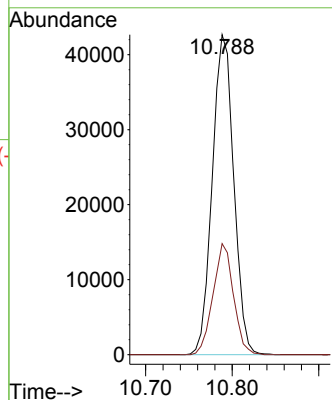
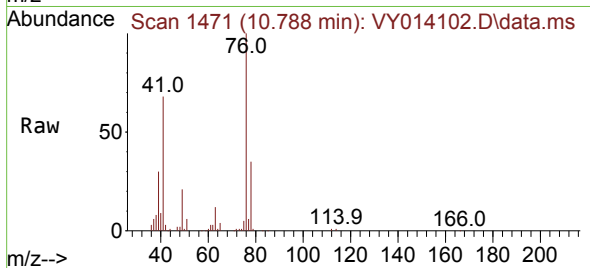
VY0609SBS01

Tgt Ion: 76 Resp: 73360

Ion Ratio Lower Upper

76 100

78 33.1 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 82.092 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014102.D

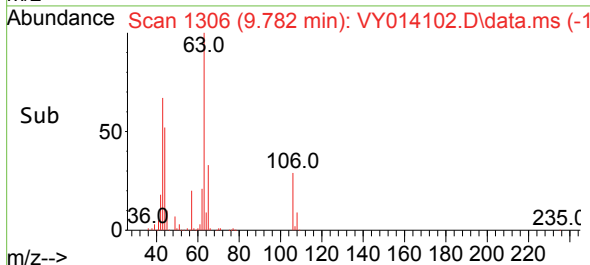
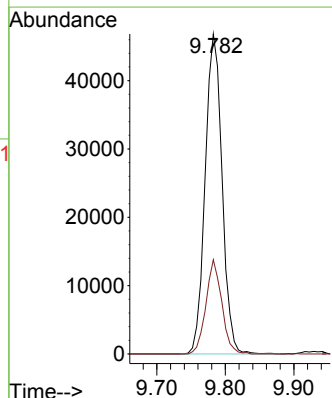
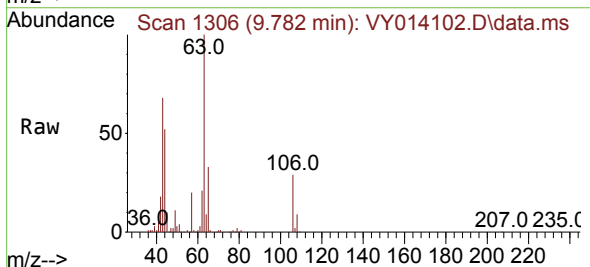
Acq: 09 Jun 2023 18:11

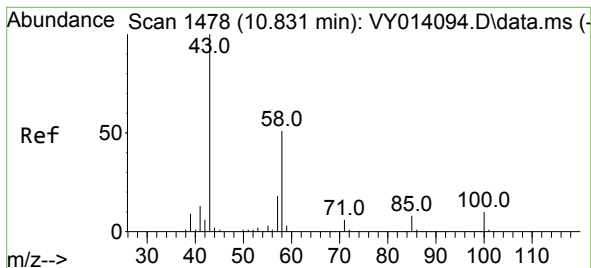
Tgt Ion: 63 Resp: 80518

Ion Ratio Lower Upper

63 100

106 27.6 21.2 31.8

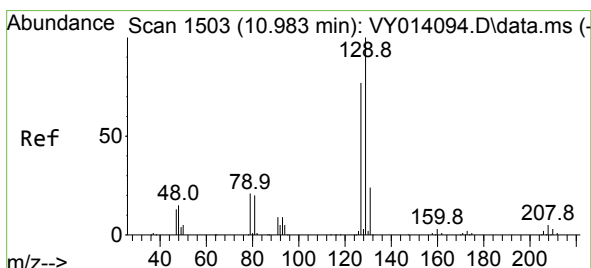
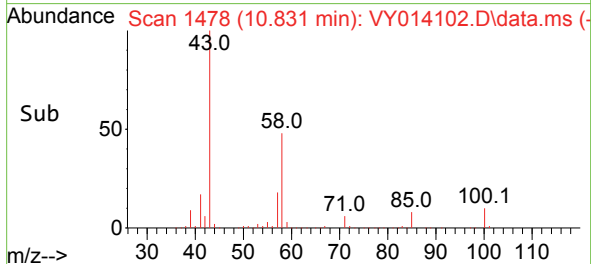
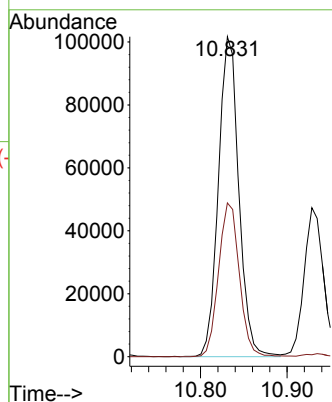
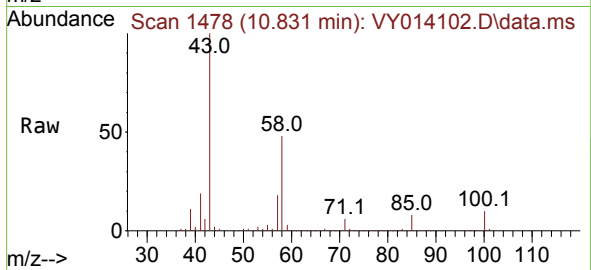




#59
2-Hexanone
Concen: 99.876 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

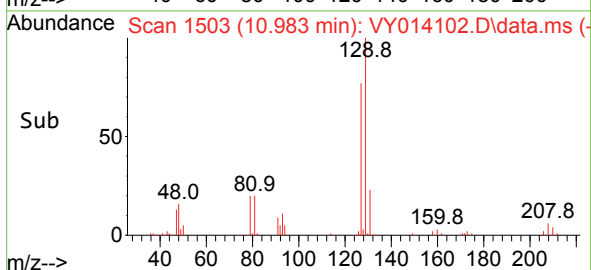
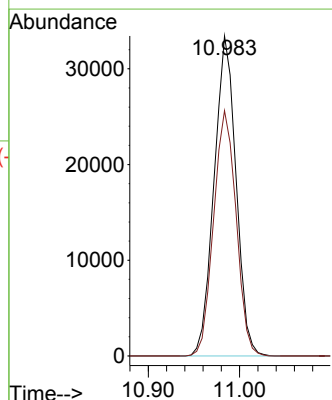
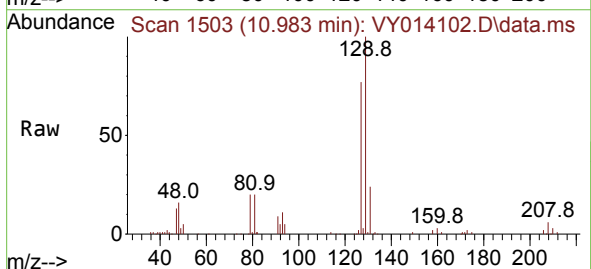
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

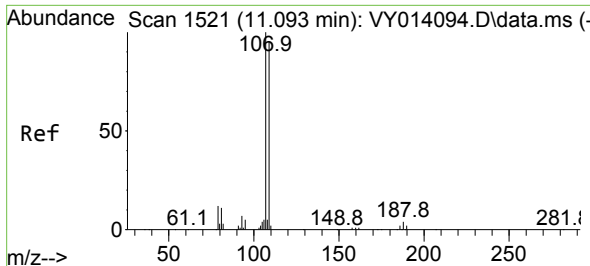
Tgt Ion: 43 Resp: 166271
Ion Ratio Lower Upper
43 100
58 49.1 25.1 75.3



#60
Dibromochloromethane
Concen: 20.145 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

Tgt Ion: 129 Resp: 55780
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5

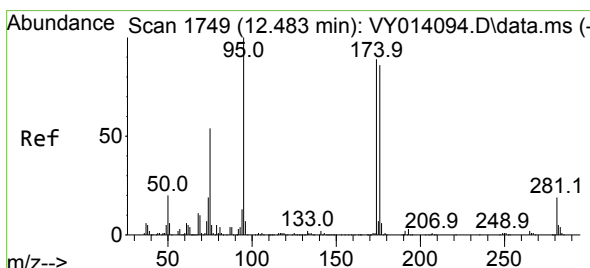
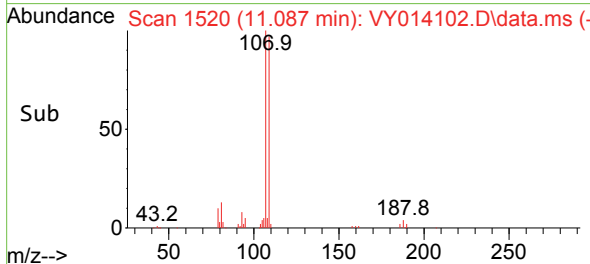
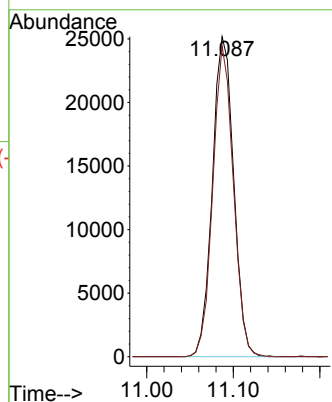
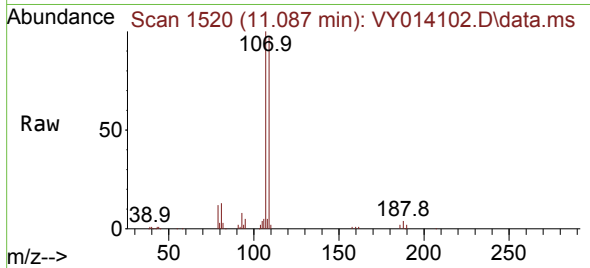




#61
1,2-Dibromoethane
Concen: 20.112 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

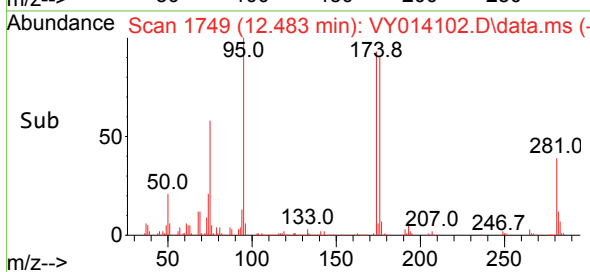
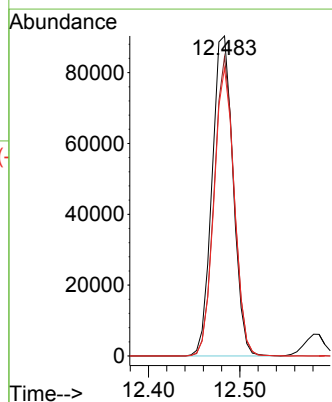
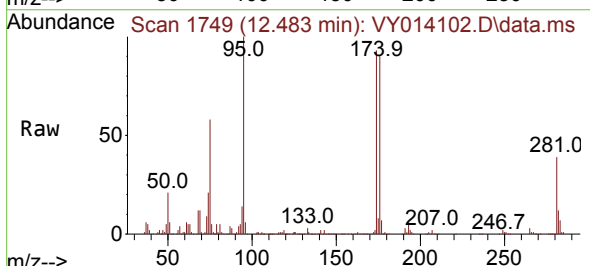
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

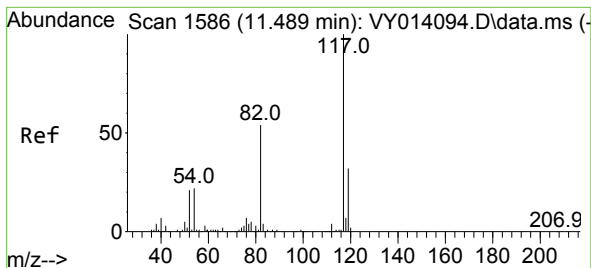
Tgt Ion:107 Resp: 42941
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.231 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

Tgt Ion: 95 Resp: 144140
Ion Ratio Lower Upper
95 100
174 89.0 0.0 178.2
176 87.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

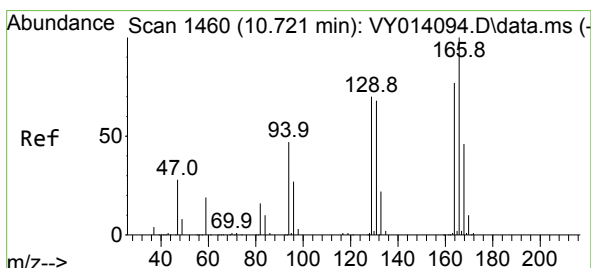
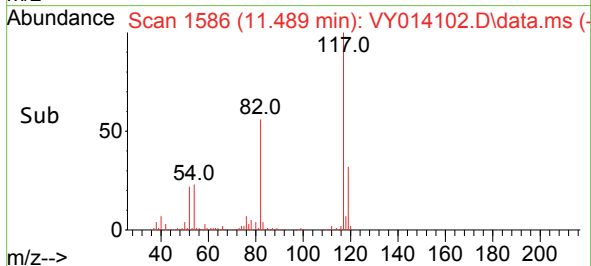
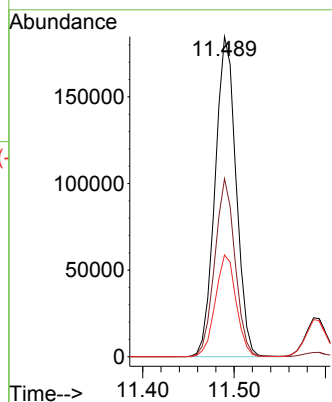
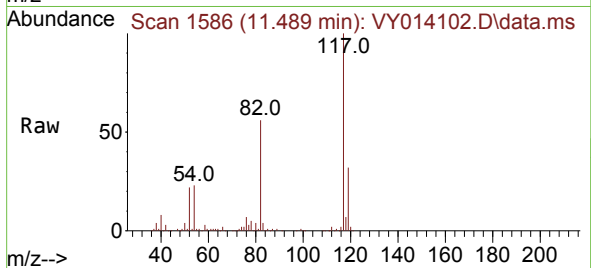
Tgt Ion:117 Resp: 295288

Ion Ratio Lower Upper

117 100

82 55.6 43.4 65.0

119 31.8 26.3 39.5



#64

Tetrachloroethene

Concen: 20.989 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

Tgt Ion:164 Resp: 52828

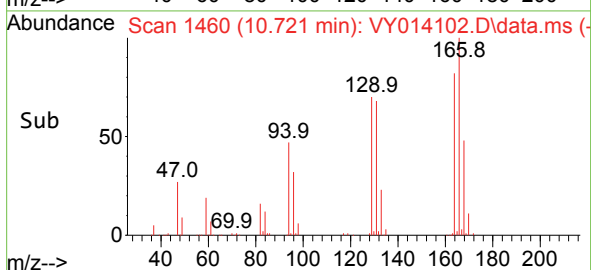
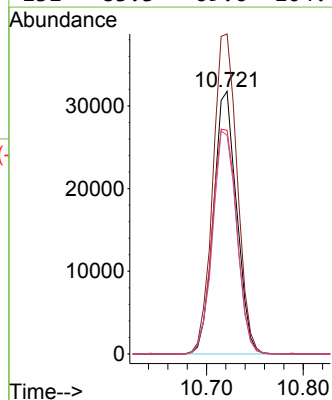
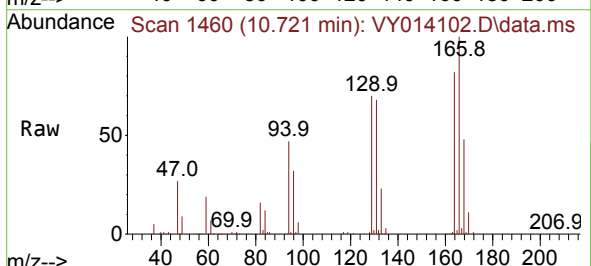
Ion Ratio Lower Upper

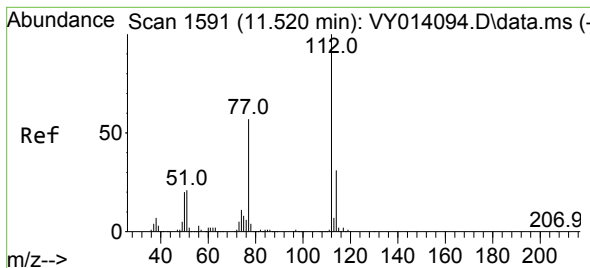
164 100

166 121.9 103.0 154.6

129 85.2 77.2 115.8

131 83.3 69.6 104.4





#65

Chlorobenzene

Concen: 19.830 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

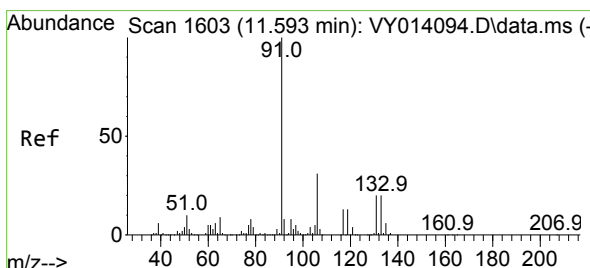
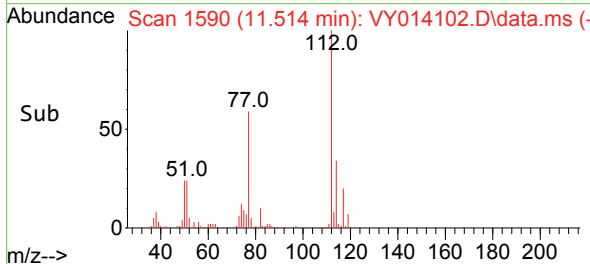
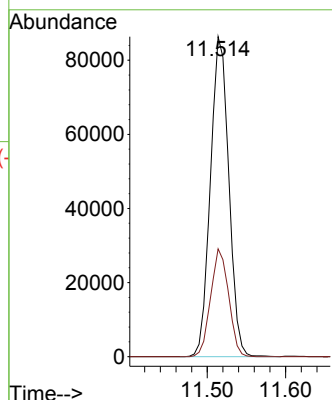
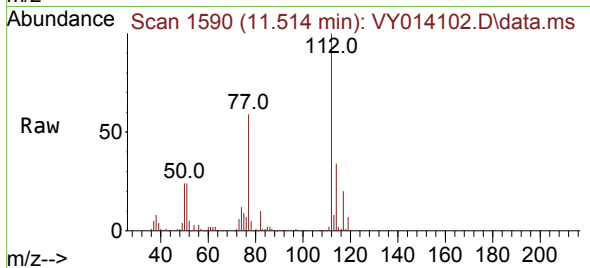
VY0609SBS01

Tgt Ion:112 Resp: 140703

Ion Ratio Lower Upper

112 100

114 33.7 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.087 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

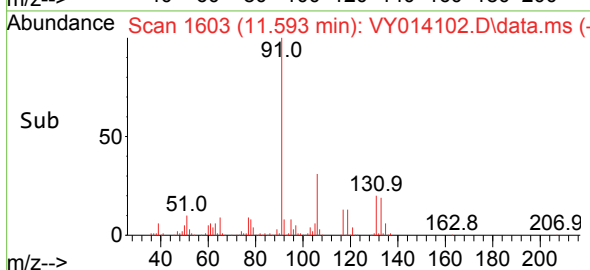
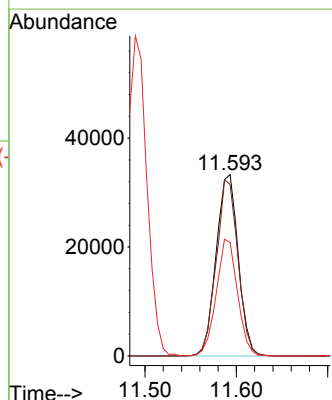
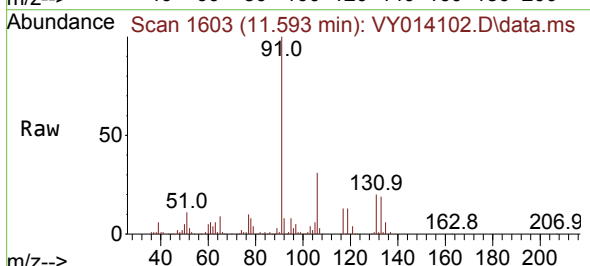
Tgt Ion:131 Resp: 56057

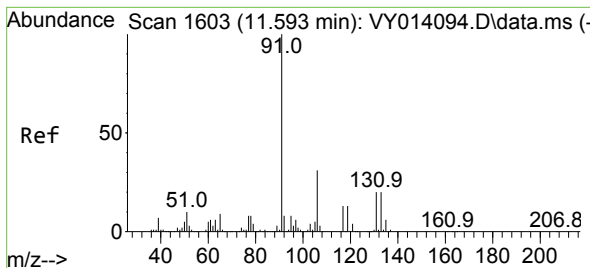
Ion Ratio Lower Upper

131 100

133 95.2 47.5 142.6

119 61.9 31.6 94.7





#67

Ethyl Benzene

Concen: 20.189 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

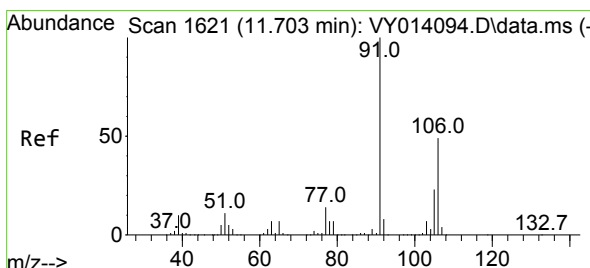
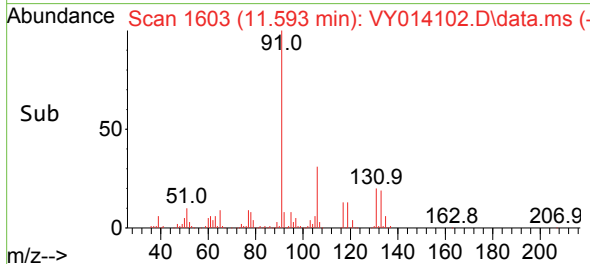
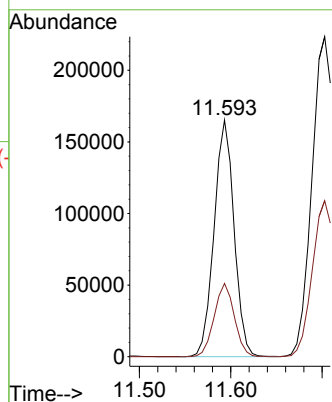
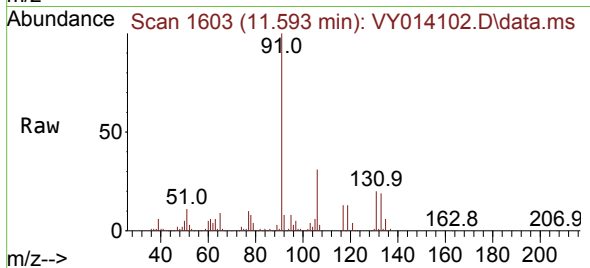
VY0609SBS01

Tgt Ion: 91 Resp: 250742

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 40.960 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014102.D

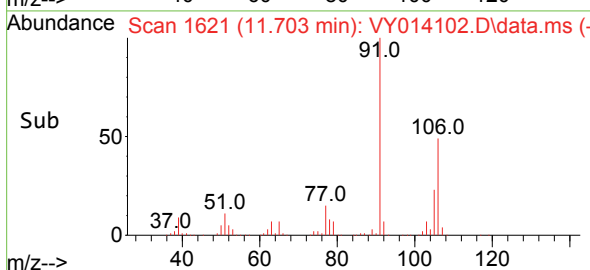
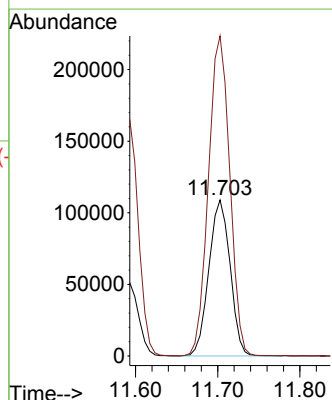
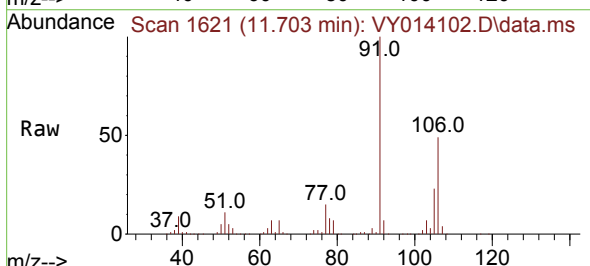
Acq: 09 Jun 2023 18:11

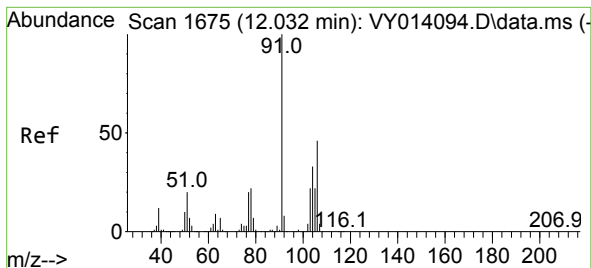
Tgt Ion:106 Resp: 195671

Ion Ratio Lower Upper

106 100

91 205.8 166.1 249.1

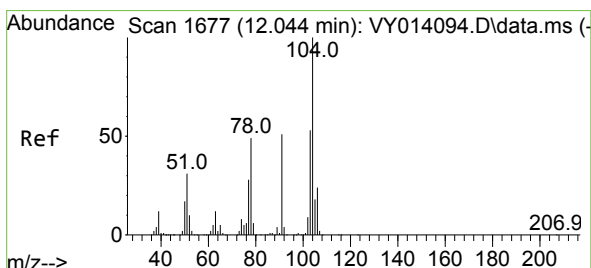
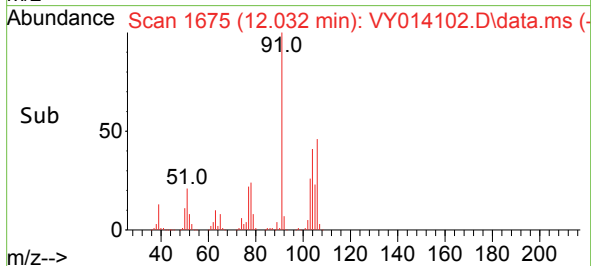
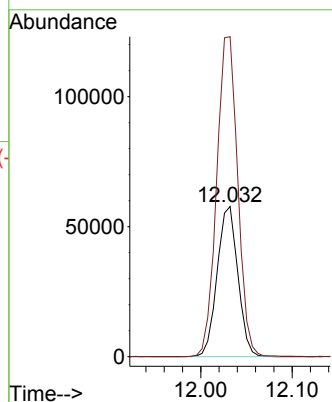
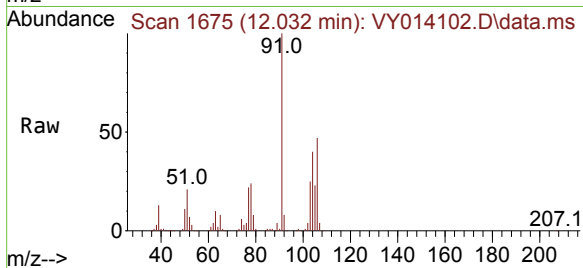




#69
o-Xylene
Concen: 20.154 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

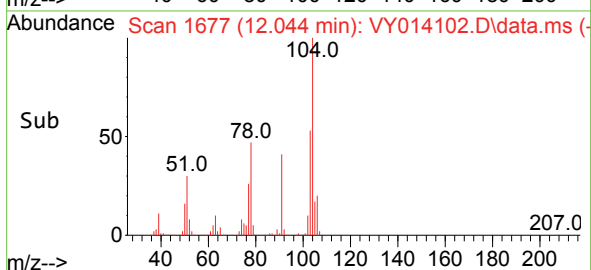
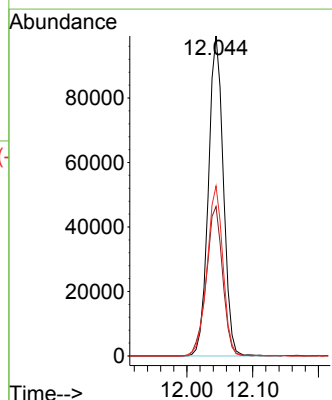
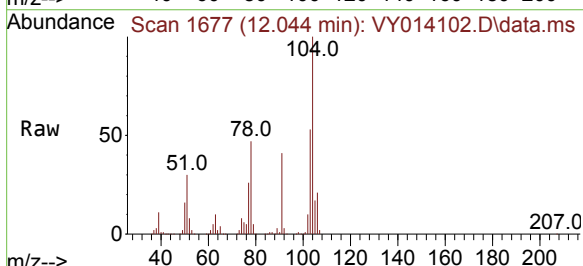
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

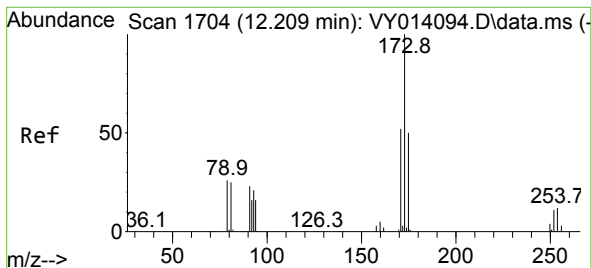
Tgt Ion:106 Resp: 91026
Ion Ratio Lower Upper
106 100
91 217.5 108.1 324.3



#70
Styrene
Concen: 20.394 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

Tgt Ion:104 Resp: 157201
Ion Ratio Lower Upper
104 100
78 51.2 41.5 62.3
103 56.2 44.6 67.0





#71

Bromoform

Concen: 20.233 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

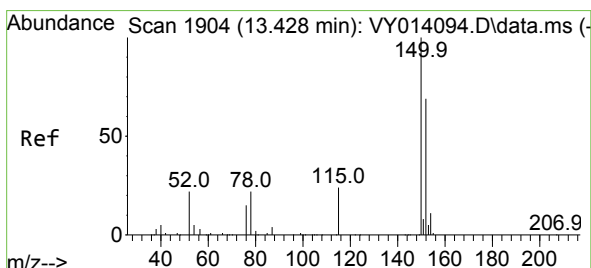
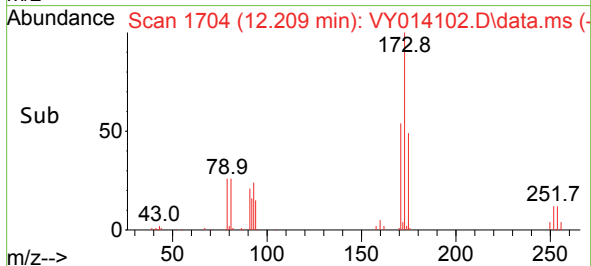
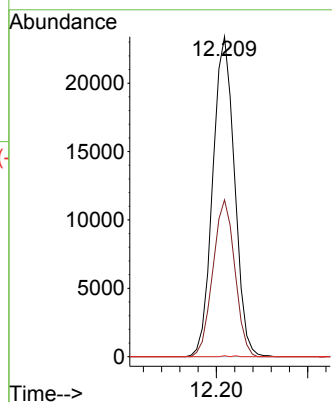
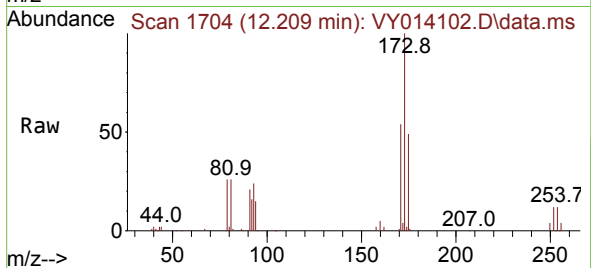
Tgt Ion:173 Resp: 38670

Ion Ratio Lower Upper

173 100

175 49.4 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

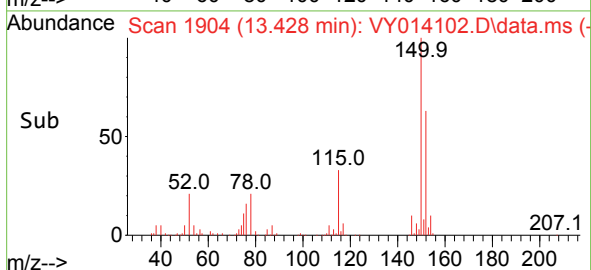
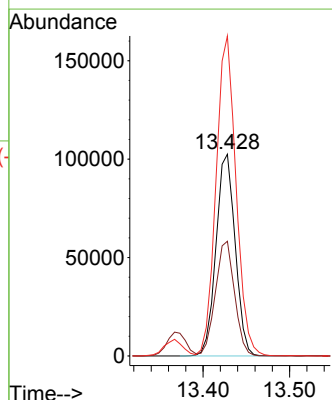
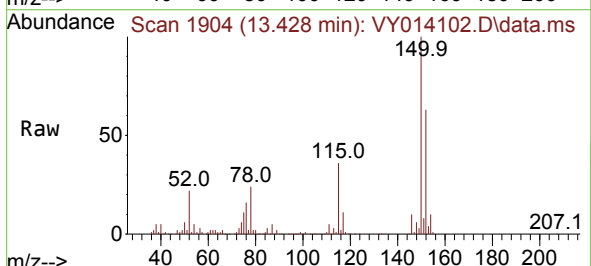
Tgt Ion:152 Resp: 157963

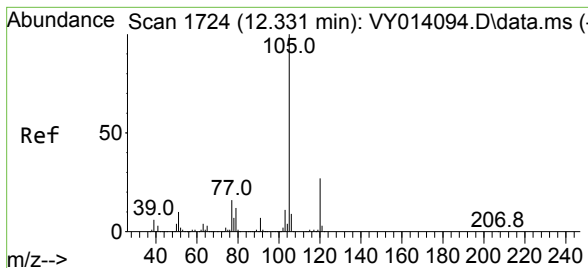
Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 164.7 0.0 348.8





#73

Isopropylbenzene

Concen: 20.194 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

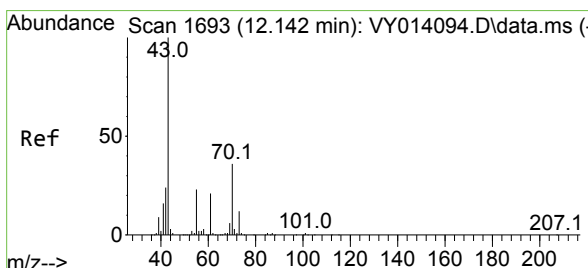
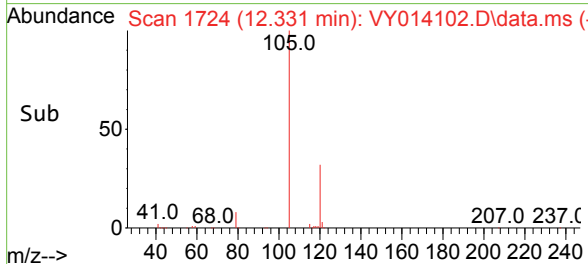
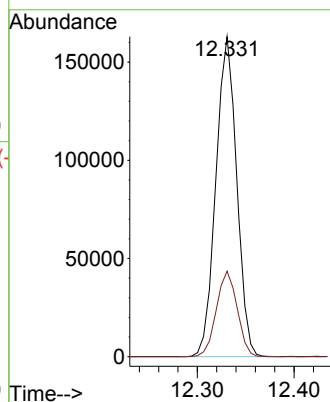
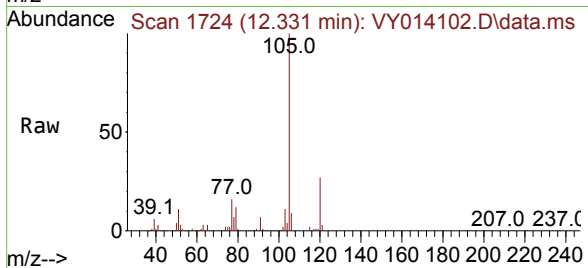
VY0609SBS01

Tgt Ion:105 Resp: 243351

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 19.875 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

Tgt Ion: 43 Resp: 75896

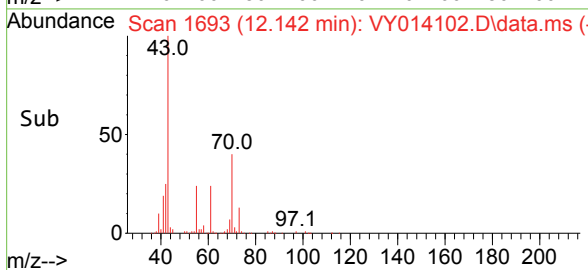
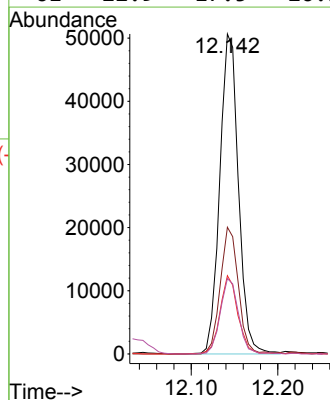
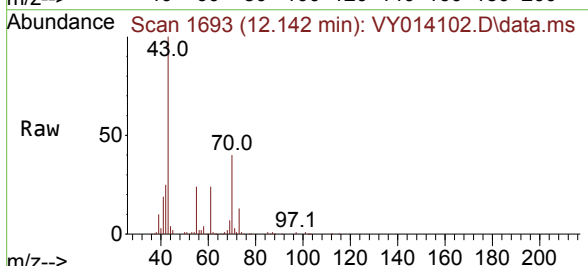
Ion Ratio Lower Upper

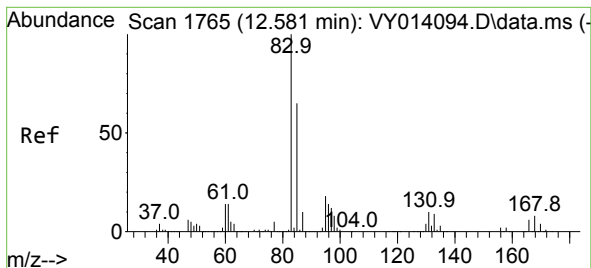
43 100

70 38.4 29.7 44.5

55 23.5 18.3 27.5

61 22.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.778 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

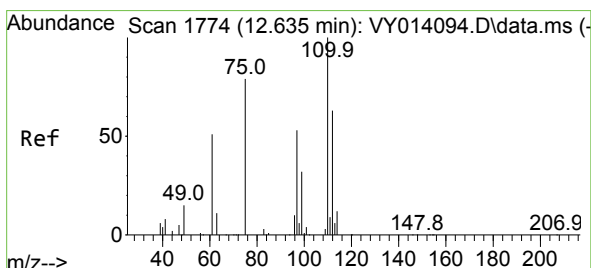
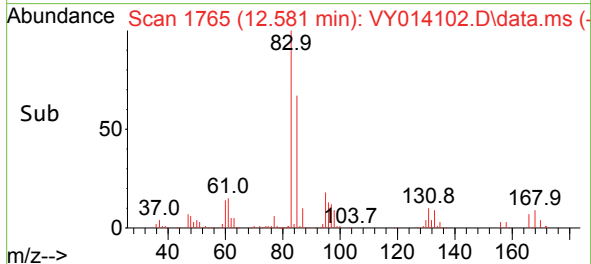
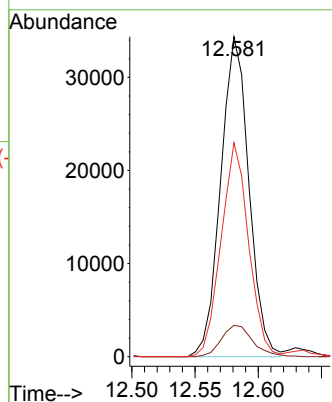
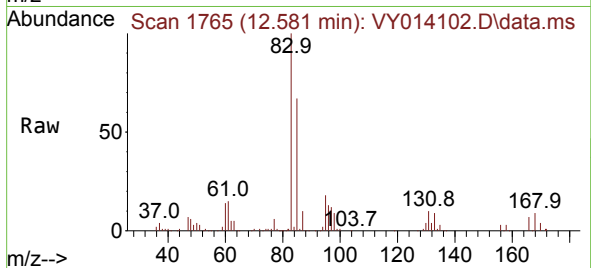
Tgt Ion: 83 Resp: 53256

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

85 65.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 35.152 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.001 min

Lab File: VY014102.D

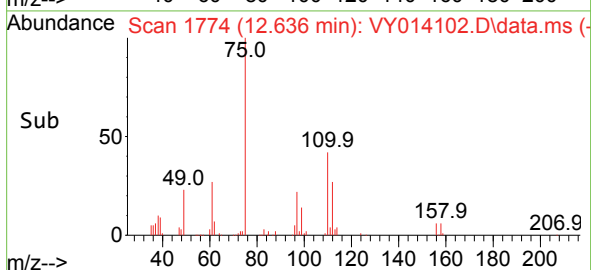
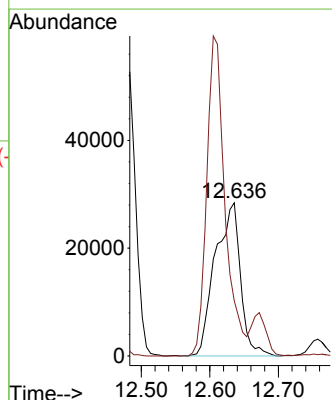
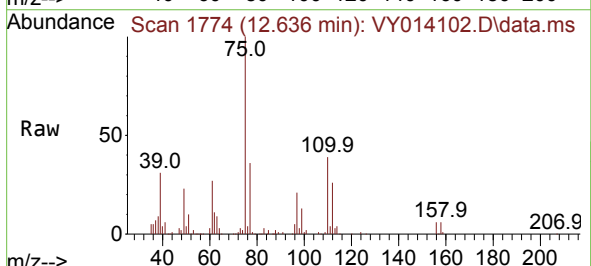
Acq: 09 Jun 2023 18:11

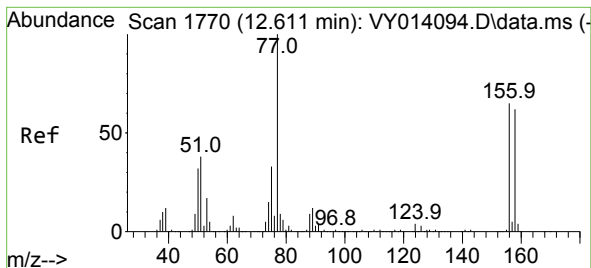
Tgt Ion: 75 Resp: 72850

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.805 ug/l

RT: 12.611 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

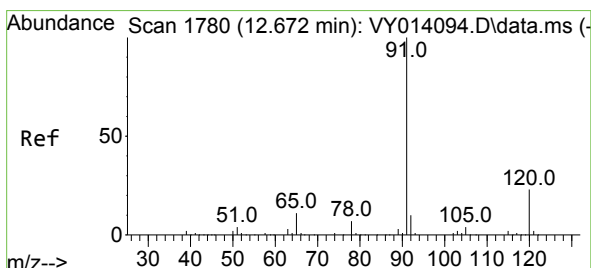
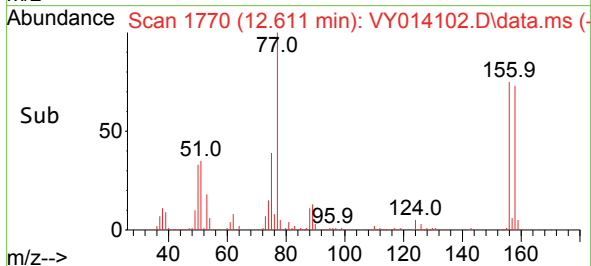
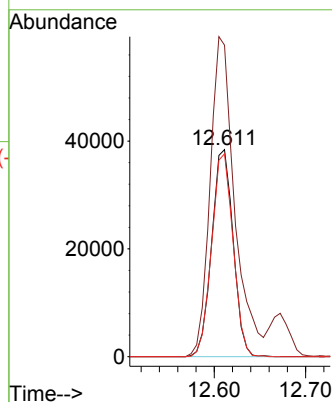
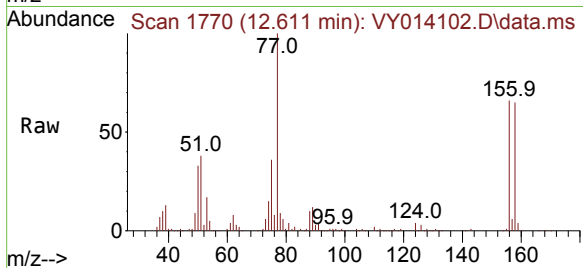
Tgt Ion:156 Resp: 62726

Ion Ratio Lower Upper

156 100

77 176.5 92.8 278.6

158 97.9 48.4 145.3



#78

n-propylbenzene

Concen: 20.380 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014102.D

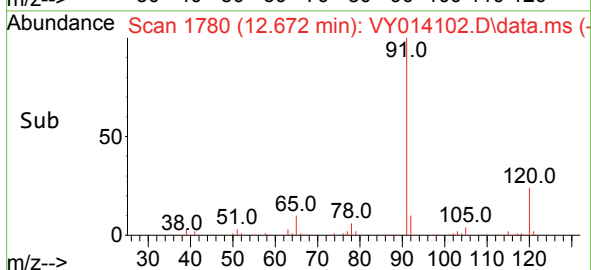
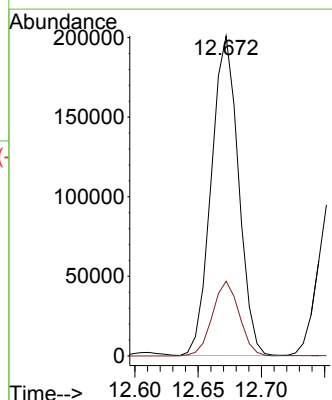
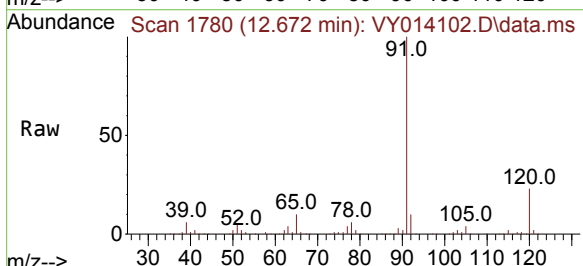
Acq: 09 Jun 2023 18:11

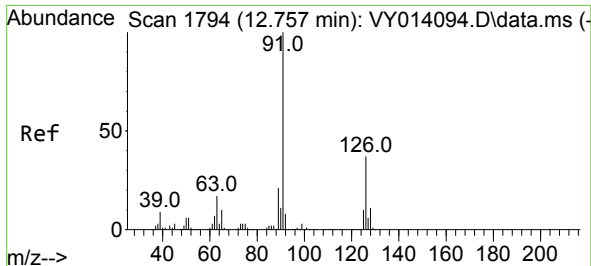
Tgt Ion: 91 Resp: 299964

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

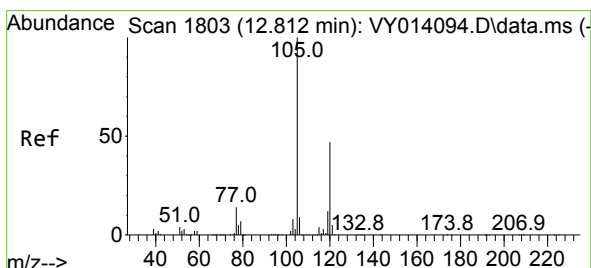
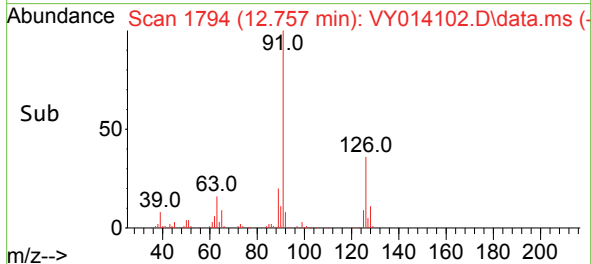
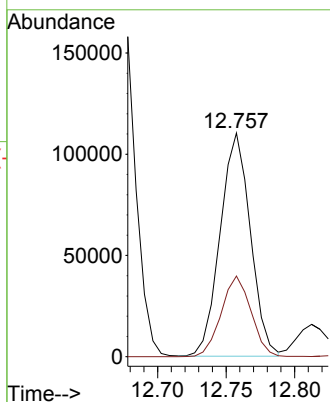
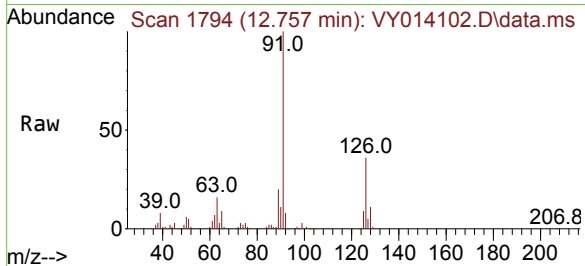




#79
2-Chlorotoluene
Concen: 19.999 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

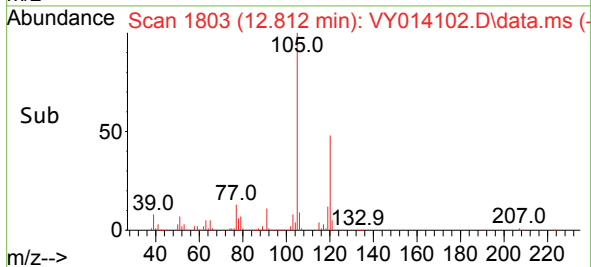
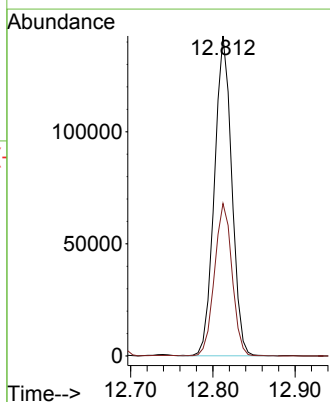
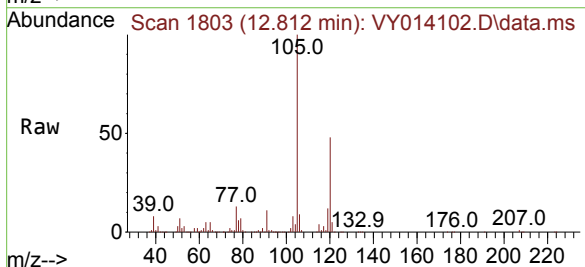
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

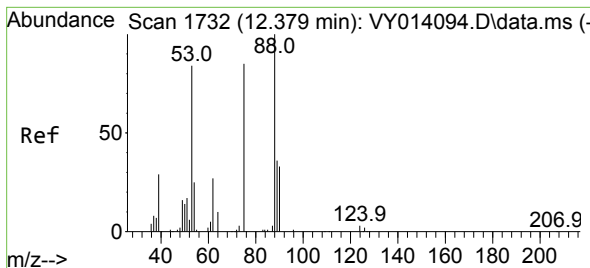
Tgt Ion: 91 Resp: 169368
Ion Ratio Lower Upper
91 100
126 35.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.248 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

Tgt Ion:105 Resp: 208923
Ion Ratio Lower Upper
105 100
120 48.3 23.9 71.7

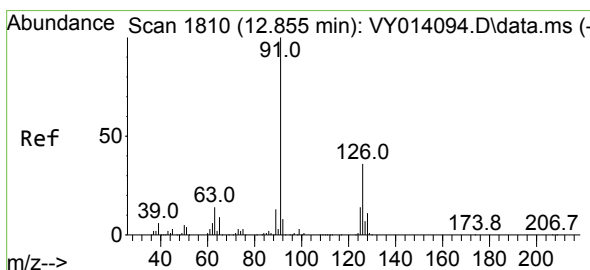
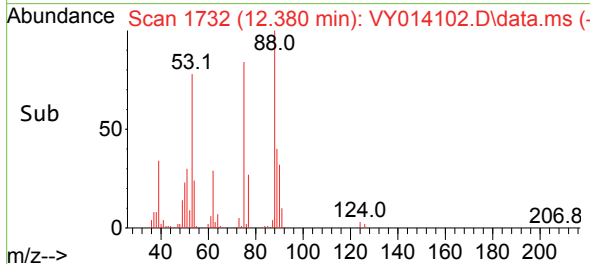
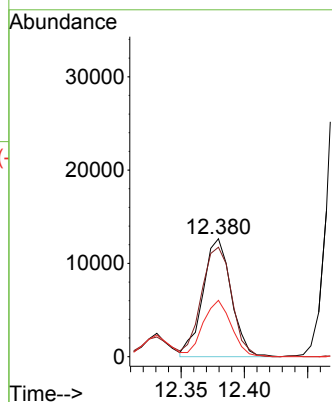
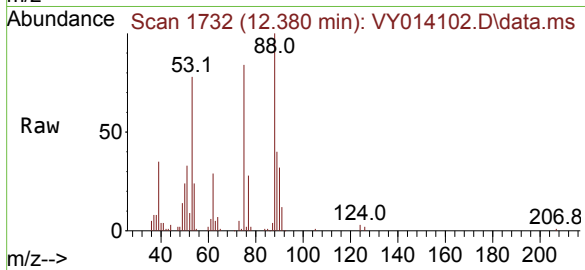




#81
trans-1,4-Dichloro-2-butene
Concen: 20.598 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

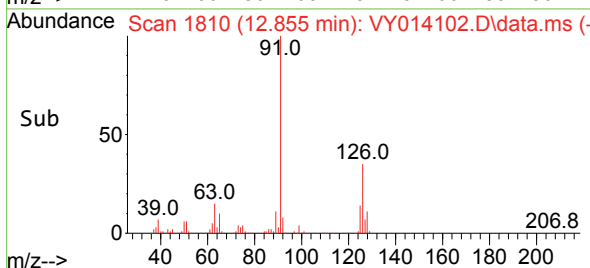
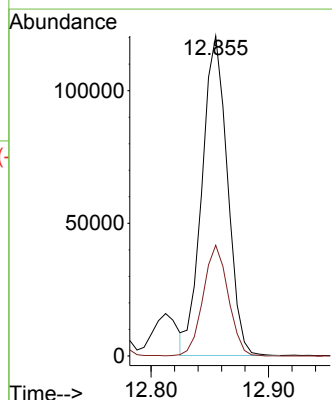
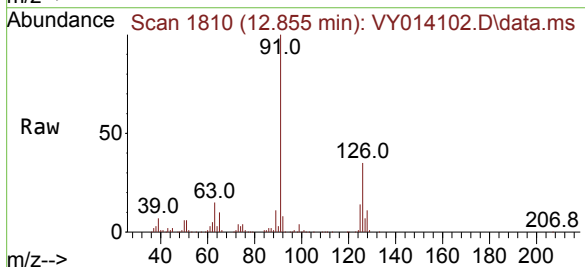
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

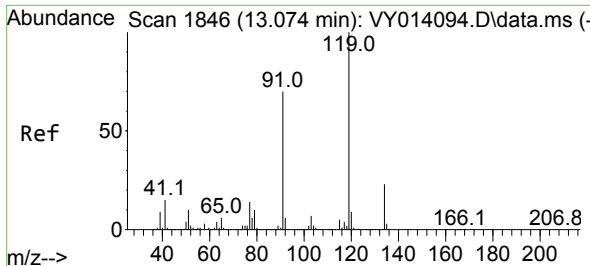
Tgt Ion: 75 Resp: 19748
Ion Ratio Lower Upper
75 100
53 98.3 77.8 116.8
89 46.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.159 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

Tgt Ion: 91 Resp: 180917
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6

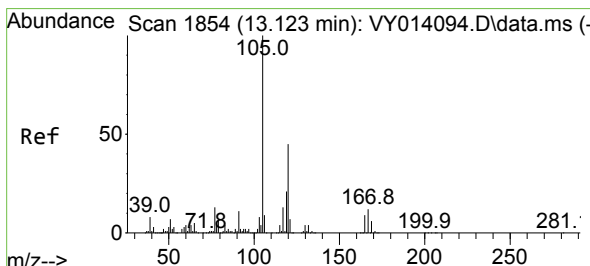
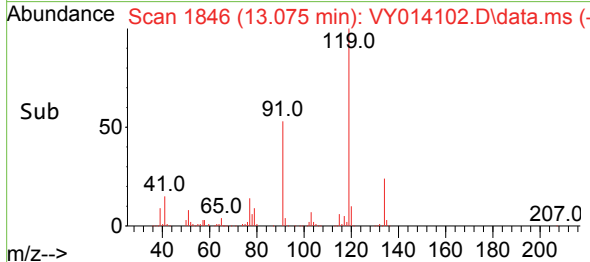
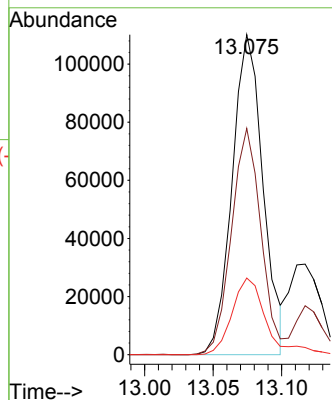
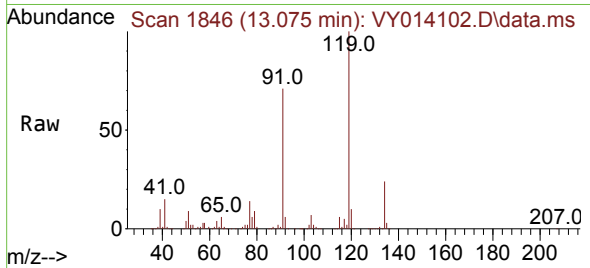




#83
tert-Butylbenzene
Concen: 19.733 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

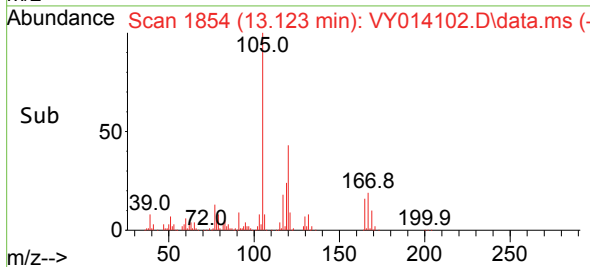
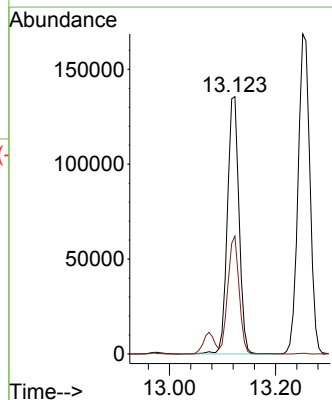
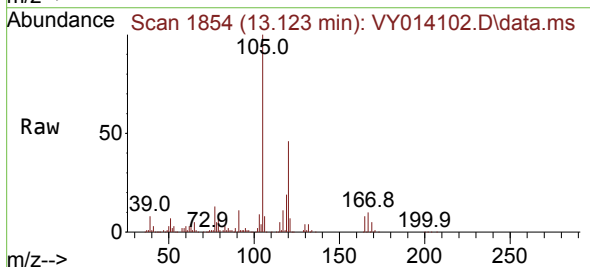
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

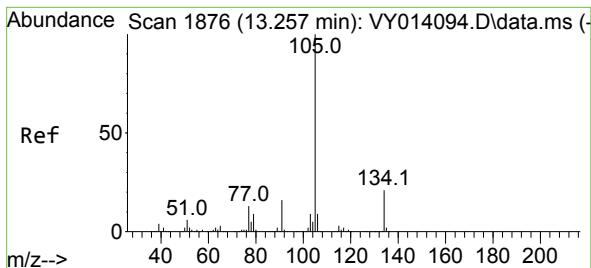
Tgt Ion:119 Resp: 173022
Ion Ratio Lower Upper
119 100
91 67.3 32.9 98.6
134 26.4 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 20.208 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY014102.D
Acq: 09 Jun 2023 18:11

Tgt Ion:105 Resp: 206395
Ion Ratio Lower Upper
105 100
120 44.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.417 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

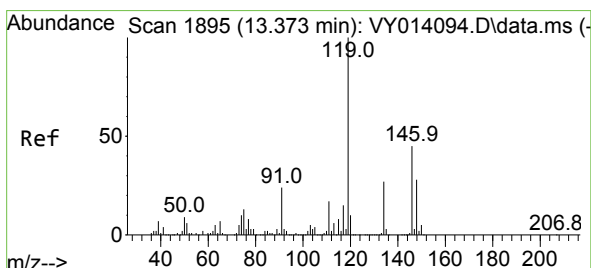
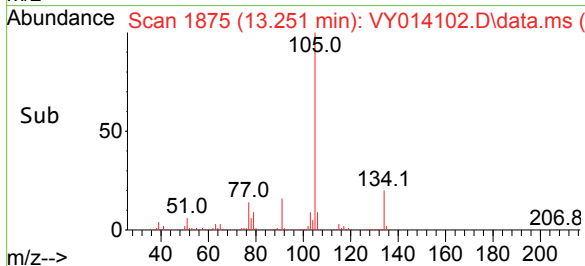
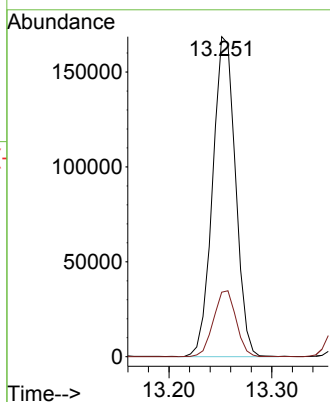
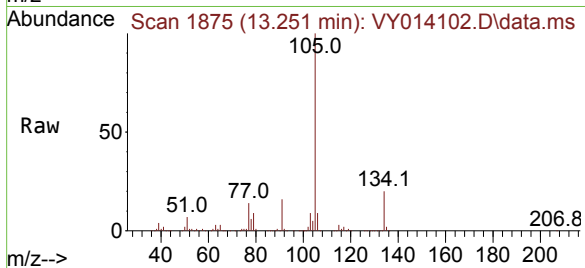
VY0609SBS01

Tgt Ion:105 Resp: 260273

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.108 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

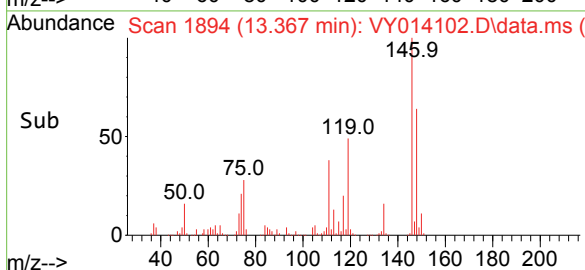
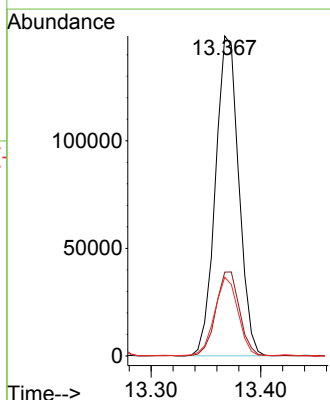
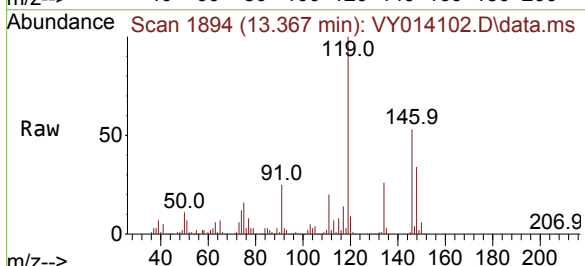
Tgt Ion:119 Resp: 219383

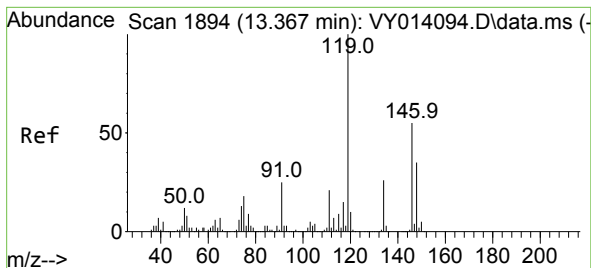
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 24.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.915 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

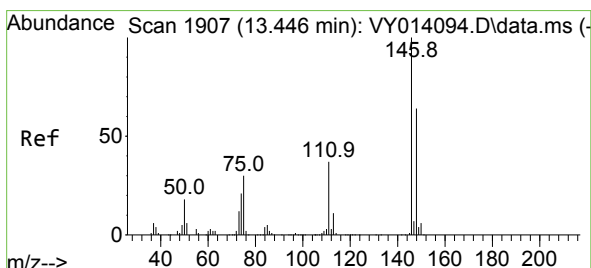
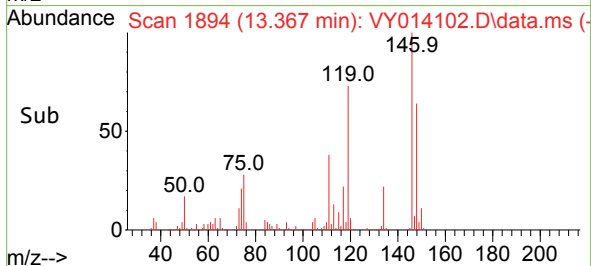
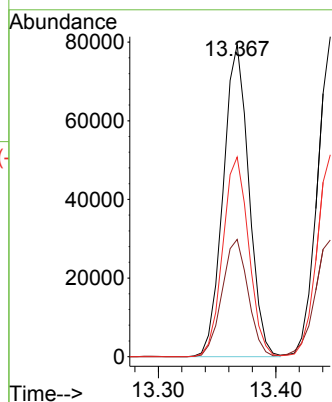
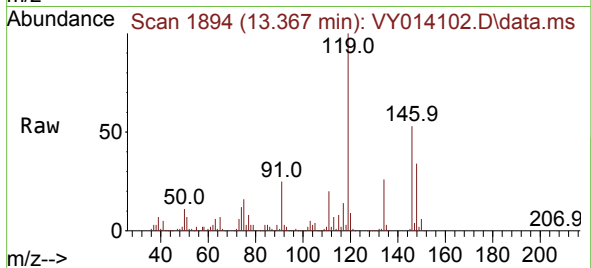
Tgt Ion:146 Resp: 120431

Ion Ratio Lower Upper

146 100

111 38.1 19.4 58.2

148 64.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.655 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

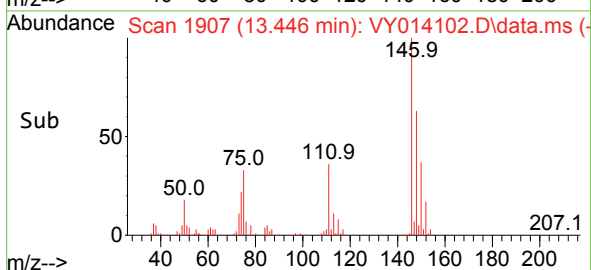
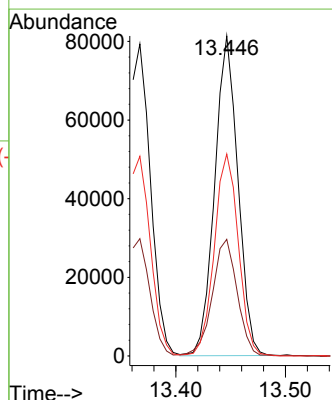
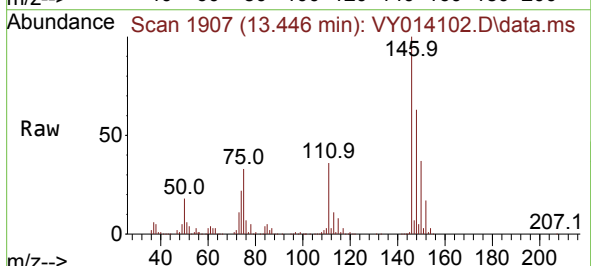
Tgt Ion:146 Resp: 119754

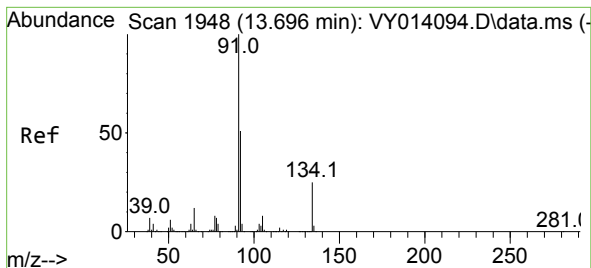
Ion Ratio Lower Upper

146 100

111 38.9 18.9 56.7

148 65.4 32.1 96.5





#89

n-Butylbenzene

Concen: 19.968 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

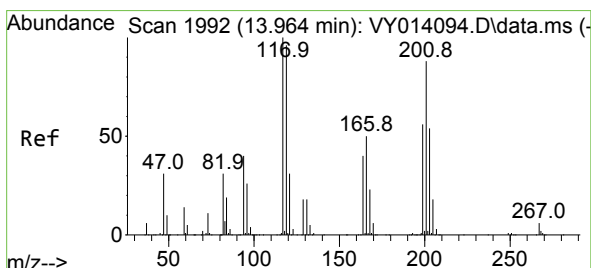
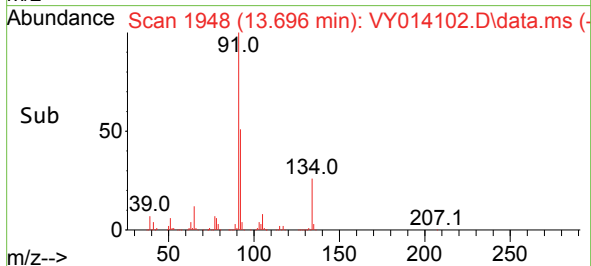
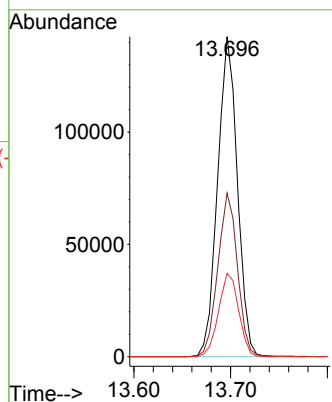
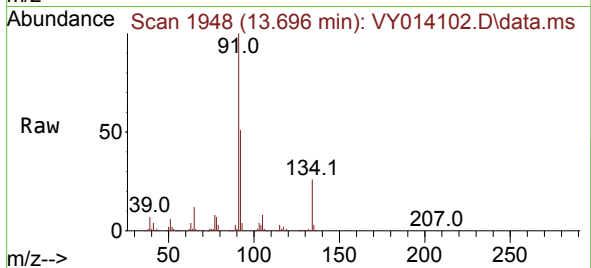
Tgt Ion: 91 Resp: 202062

Ion Ratio Lower Upper

91 100

92 50.8 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 19.825 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.001 min

Lab File: VY014102.D

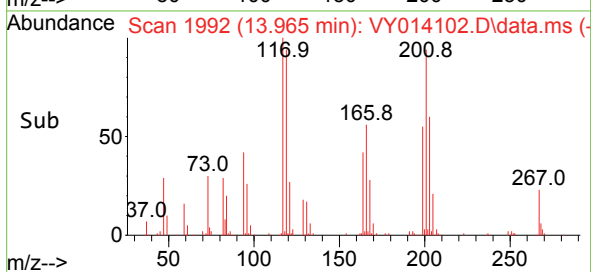
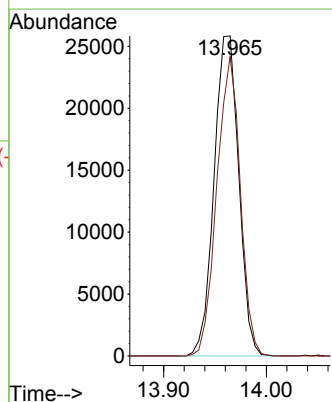
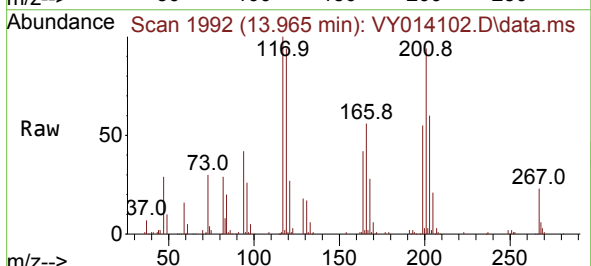
Acq: 09 Jun 2023 18:11

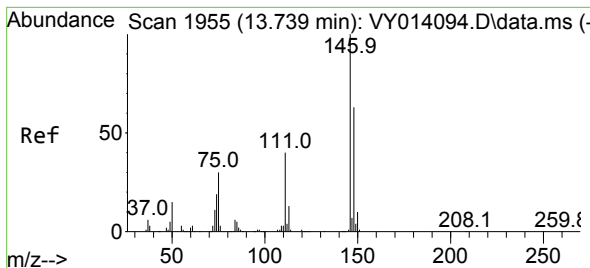
Tgt Ion: 117 Resp: 43099

Ion Ratio Lower Upper

117 100

201 88.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.081 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

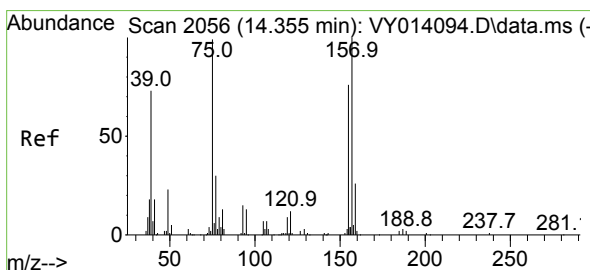
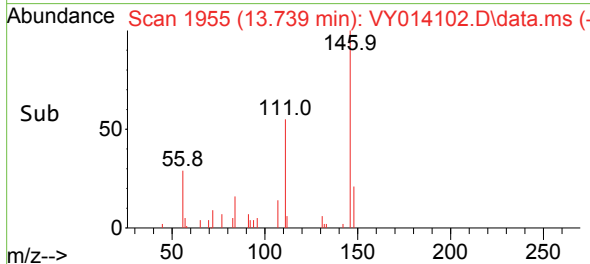
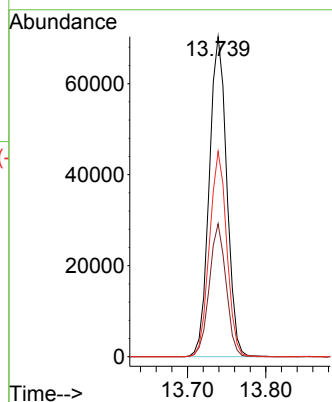
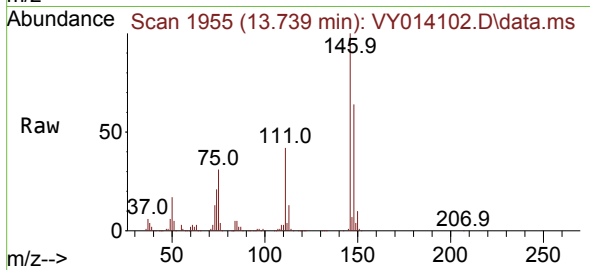
Tgt Ion:146 Resp: 109062

Ion Ratio Lower Upper

146 100

111 39.8 19.7 59.0

148 63.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.452 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

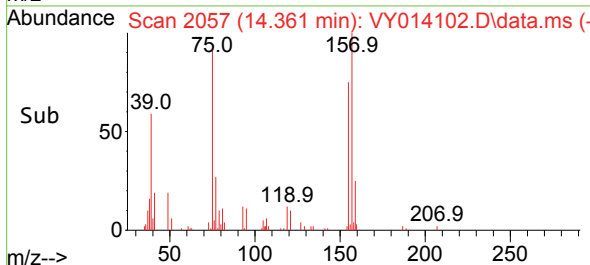
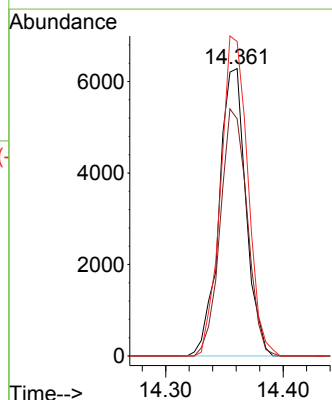
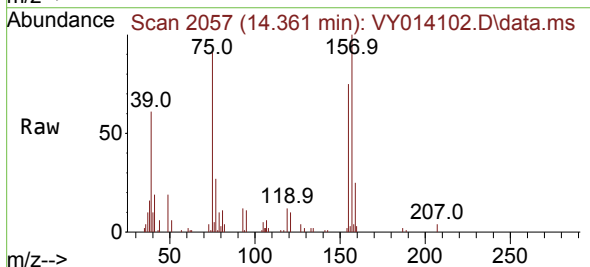
Tgt Ion: 75 Resp: 9974

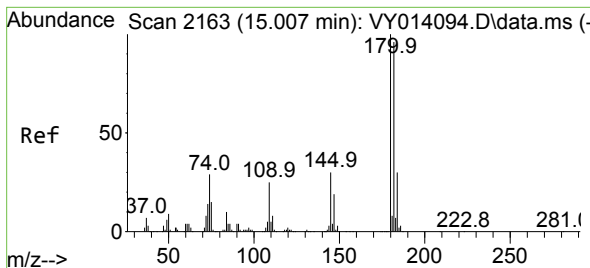
Ion Ratio Lower Upper

75 100

155 86.1 41.5 124.6

157 112.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.362 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

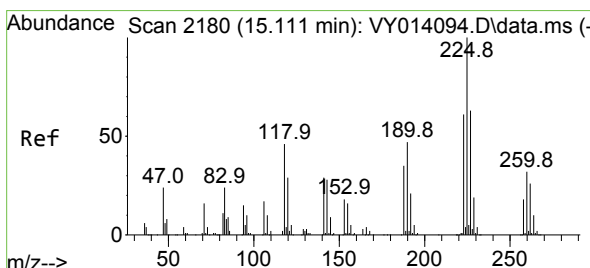
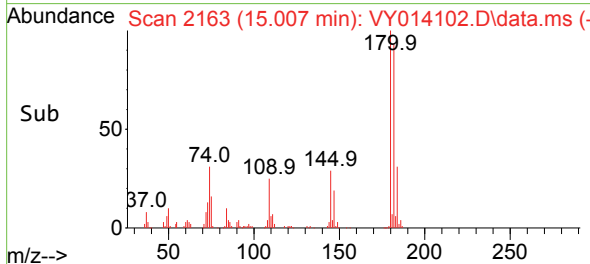
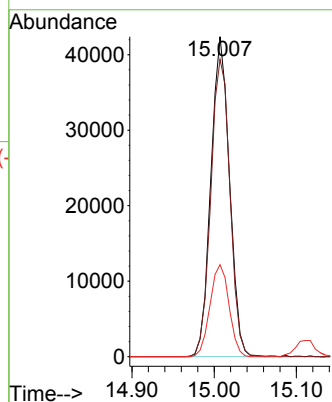
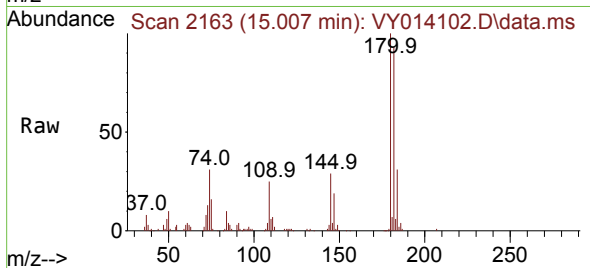
Tgt Ion:180 Resp: 66615

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

145 29.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.865 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

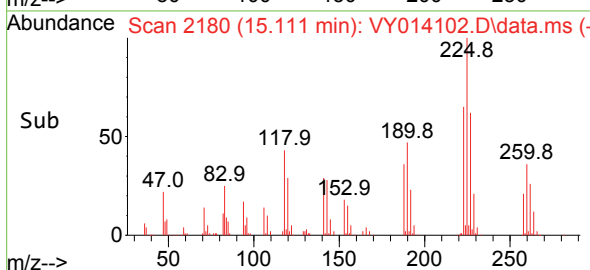
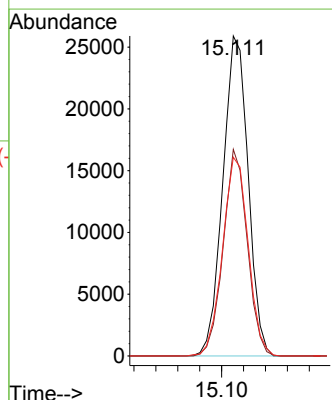
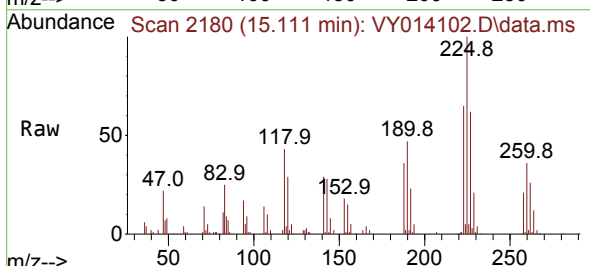
Tgt Ion:225 Resp: 41445

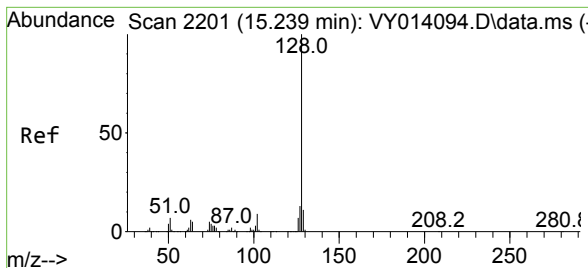
Ion Ratio Lower Upper

225 100

223 61.2 31.9 95.9

227 63.1 33.0 98.9





#95

Naphthalene

Concen: 18.848 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

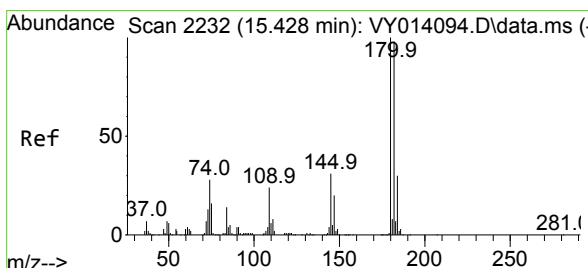
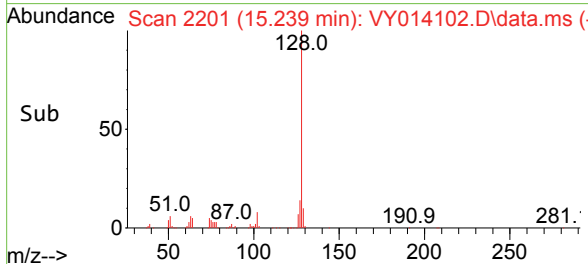
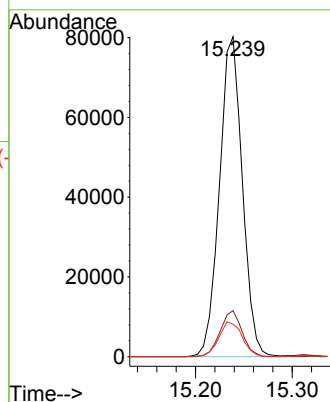
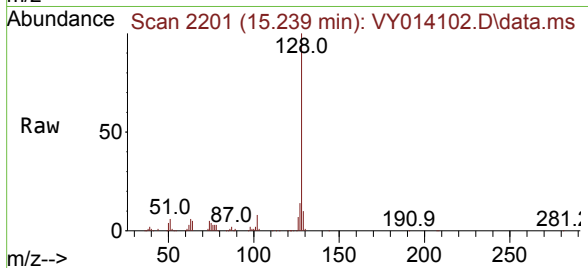
Tgt Ion:128 Resp: 131622

Ion Ratio Lower Upper

128 100

127 13.9 10.8 16.2

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.362 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014102.D

Acq: 09 Jun 2023 18:11

Tgt Ion:180 Resp: 60197

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.8

145 31.9 15.4 46.2

