

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060923\
 Data File : VY014103.D
 Acq On : 09 Jun 2023 18:33
 Operator : KP/MD
 Sample : VY0609SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

Quant Time: Jun 10 05:14:15 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	214809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	322516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	300967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159640	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	133034	44.474	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.940%
35) Dibromofluoromethane	7.716	113	112878	49.352	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.700%
50) Toluene-d8	10.178	98	399607	46.732	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.460%
62) 4-Bromofluorobenzene	12.483	95	145624	47.941	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	55604	23.226	ug/l	99
3) Chloromethane	2.113	50	62065	20.446	ug/l	100
4) Vinyl Chloride	2.253	62	61333	20.782	ug/l	97
5) Bromomethane	2.655	94	50813	20.867	ug/l	100
6) Chloroethane	2.796	64	40596	20.243	ug/l	99
7) Trichlorofluoromethane	3.125	101	103161	21.516	ug/l	99
8) Diethyl Ether	3.527	74	31869	19.906	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	52302	21.615	ug/l	99
10) Methyl Iodide	4.094	142	60786	19.024	ug/l	98
11) Tert butyl alcohol	4.929	59	47436	126.893	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	49503	20.184	ug/l	98
13) Acrolein	3.735	56	21440	141.050	ug/l	99
14) Allyl chloride	4.484	41	83132	18.699	ug/l	96
15) Acrylonitrile	5.167	53	76919	93.148	ug/l	99
16) Acetone	3.960	43	69570	77.158	ug/l	99
17) Carbon Disulfide	4.198	76	158545	19.949	ug/l	99
18) Methyl Acetate	4.484	43	59704	17.059	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	137293	18.980	ug/l	98
20) Methylene Chloride	4.716	84	60493	18.776	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	54495	19.921	ug/l	96
22) Diisopropyl ether	6.118	45	165019	19.386	ug/l	98
23) Vinyl Acetate	6.063	43	477406	95.057	ug/l	100
24) 1,1-Dichloroethane	6.021	63	96455	19.653	ug/l	99
25) 2-Butanone	6.990	43	97157	87.537	ug/l	97
26) 2,2-Dichloropropane	6.984	77	89494	19.415	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	59399	19.410	ug/l	100
28) Bromochloromethane	7.338	49	39732	19.907	ug/l	94
29) Tetrahydrofuran	7.356	42	63510	90.239	ug/l	98
30) Chloroform	7.508	83	103146	19.810	ug/l	96
31) Cyclohexane	7.789	56	82699	20.638	ug/l	95
32) 1,1,1-Trichloroethane	7.703	97	96137	20.472	ug/l	99
36) 1,1-Dichloropropene	7.917	75	75556	21.189	ug/l	99
37) Ethyl Acetate	7.075	43	46552	18.921	ug/l	97
38) Carbon Tetrachloride	7.904	117	88548	21.519	ug/l	100
39) Methylcyclohexane	9.185	83	85263	21.551	ug/l	97
40) Benzene	8.161	78	218840	20.639	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	24634	19.619	ug/l	93
42) 1,2-Dichloroethane	8.240	62	76617	20.434	ug/l	100
43) Isopropyl Acetate	8.276	43	83579	19.382	ug/l	98
44) Trichloroethene	8.941	130	59594	21.036	ug/l	92
45) 1,2-Dichloropropane	9.215	63	53730	19.950	ug/l	98
46) Dibromomethane	9.307	93	32503	19.606	ug/l	98
47) Bromodichloromethane	9.496	83	79233	20.412	ug/l	97
48) Methyl methacrylate	9.294	41	39054	19.418	ug/l	98
49) 1,4-Dioxane	9.313	88	8475	402.322	ug/l #	50
51) 4-Methyl-2-Pentanone	10.069	43	230236	98.275	ug/l	100
52) Toluene	10.246	92	134400	20.447	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	80664	19.740	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	87689	19.668	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	43031	19.569	ug/l	98
56) Ethyl methacrylate	10.514	69	58181	19.183	ug/l	98
57) 1,3-Dichloropropane	10.788	76	74460	19.799	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	77255	79.098	ug/l	98
59) 2-Hexanone	10.831	43	156549	92.519	ug/l	99
60) Dibromochloromethane	10.983	129	57879	20.565	ug/l	100
61) 1,2-Dibromoethane	11.087	107	43257	19.933	ug/l	100
64) Tetrachloroethene	10.721	164	53935	21.025	ug/l	98
65) Chlorobenzene	11.514	112	145577	20.130	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	57424	20.188	ug/l	99
67) Ethyl Benzene	11.593	91	258394	20.413	ug/l	99
68) m/p-Xylenes	11.703	106	201271	41.338	ug/l	99
69) o-Xylene	12.032	106	95077	20.654	ug/l	99
70) Styrene	12.044	104	160930	20.483	ug/l	98
71) Bromoform	12.209	173	39013	20.027	ug/l #	99
73) Isopropylbenzene	12.331	105	249006	20.447	ug/l	100
74) N-amyl acetate	12.142	43	75911	19.670	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	52804	19.404	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	70343	33.586	ug/l #	100
77) Bromobenzene	12.611	156	62335	19.475	ug/l	97
78) n-propylbenzene	12.672	91	305608	20.545	ug/l	99
79) 2-Chlorotoluene	12.757	91	173131	20.228	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	212156	20.346	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	18850	19.455	ug/l	98
82) 4-Chlorotoluene	12.855	91	181849	20.050	ug/l	98
83) tert-Butylbenzene	13.074	119	179331	20.237	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	213315	20.666	ug/l	99
85) sec-Butylbenzene	13.251	105	263814	20.477	ug/l	99
86) p-Isopropyltoluene	13.367	119	223634	20.282	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	123722	20.245	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	122187	19.844	ug/l	99
89) n-Butylbenzene	13.696	91	208147	20.353	ug/l	99
90) Hexachloroethane	13.958	117	45580	20.746	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	110370	20.108	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9864	19.035	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	68284	19.638	ug/l	98
94) Hexachlorobutadiene	15.111	225	41758	20.802	ug/l	99
95) Naphthalene	15.239	128	134804	19.100	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	61497	19.573	ug/l	98

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QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

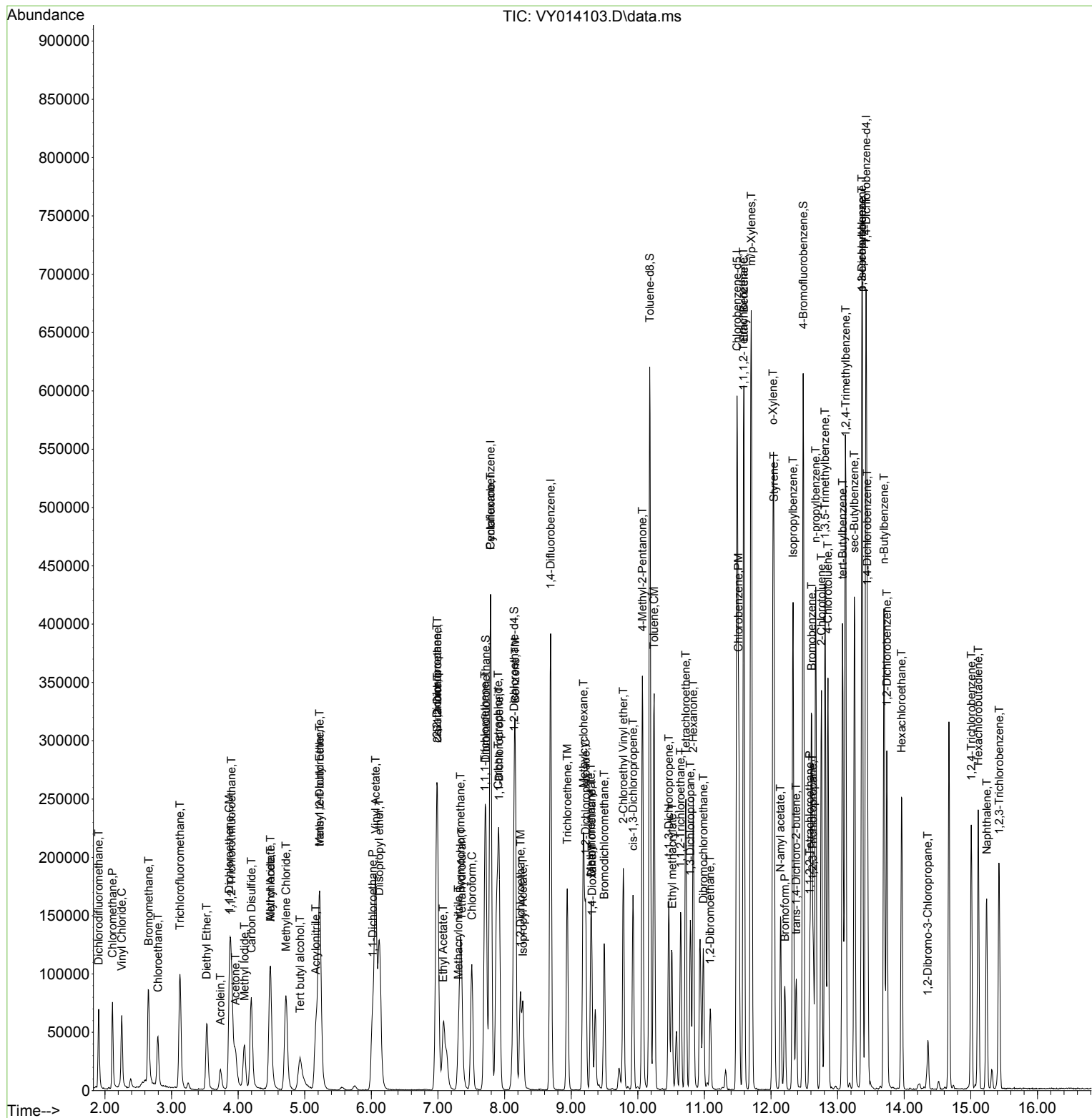
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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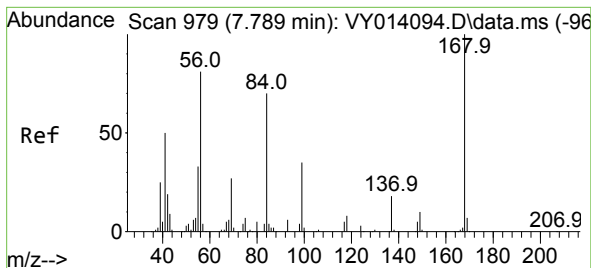
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

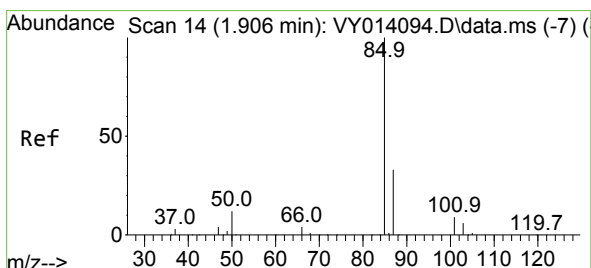
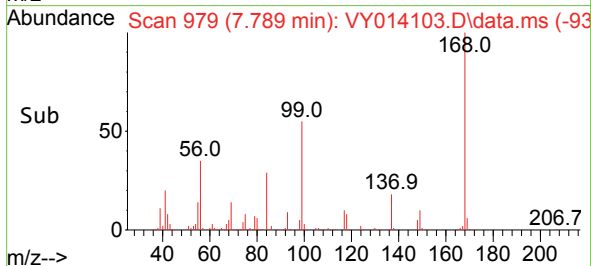
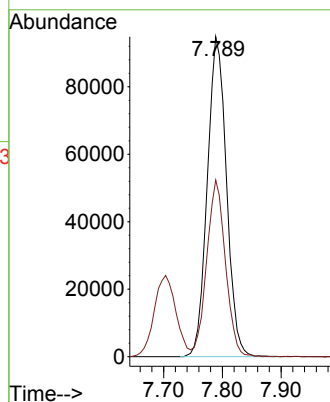
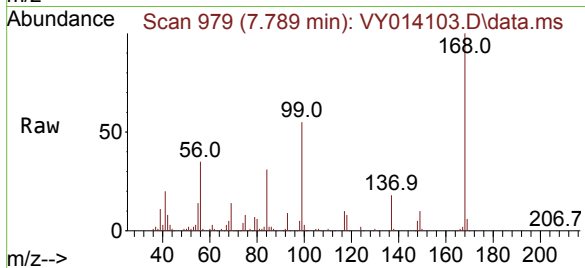
VY0609SBS01

Tgt Ion:168 Resp: 214809

Ion Ratio Lower Upper

168 100

99 55.2 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 23.226 ug/l

RT: 1.906 min Scan# 14

Delta R.T. -0.000 min

Lab File: VY014103.D

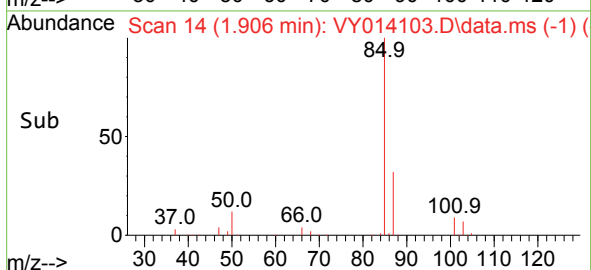
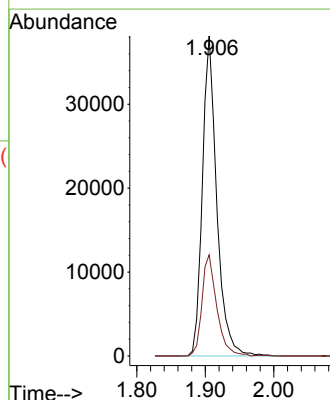
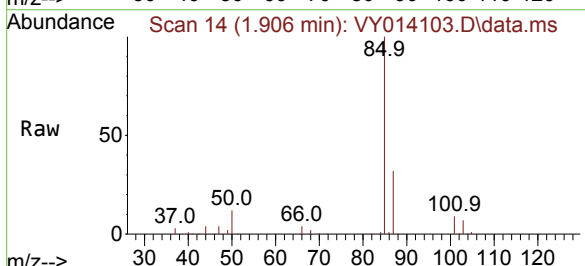
Acq: 09 Jun 2023 18:33

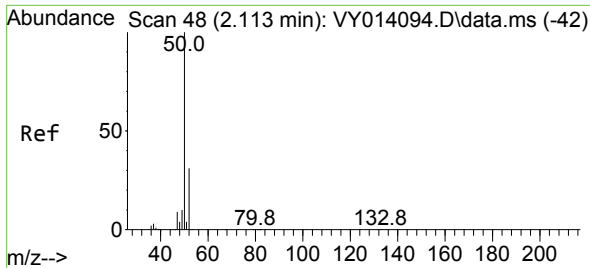
Tgt Ion: 85 Resp: 55604

Ion Ratio Lower Upper

85 100

87 31.6 15.6 46.8

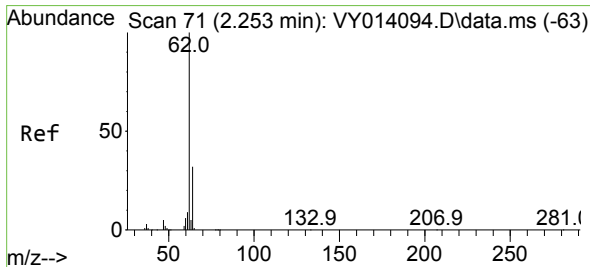
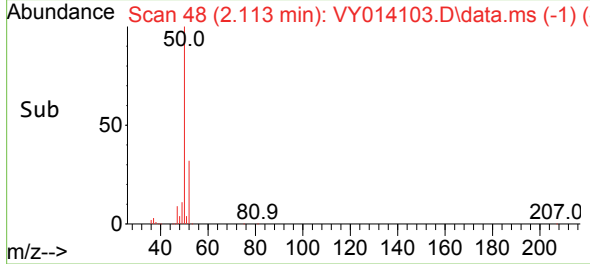
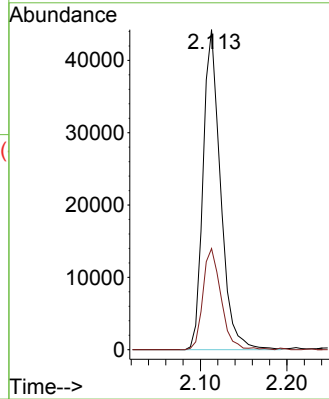
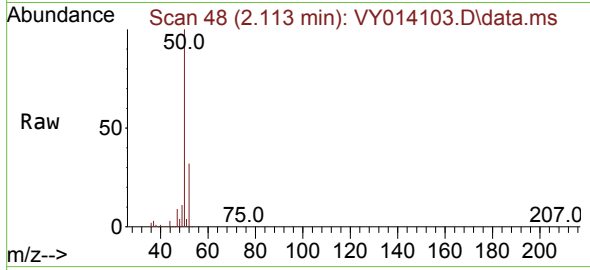




#3
Chloromethane
Concen: 20.446 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

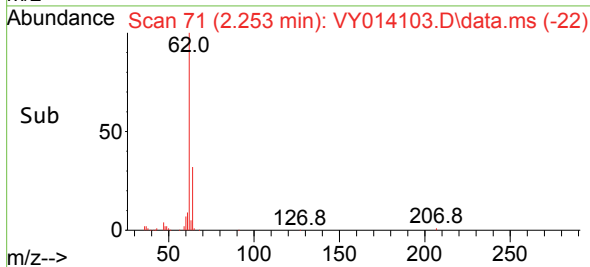
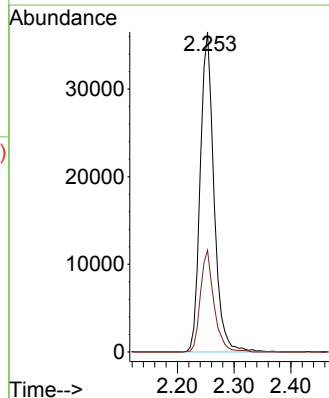
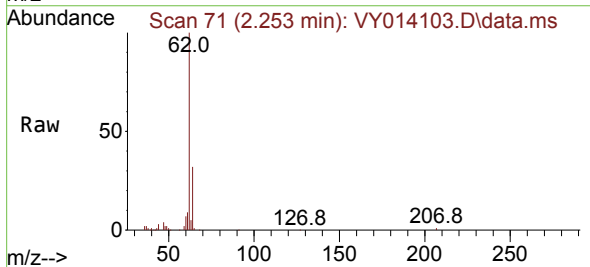
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBSD01

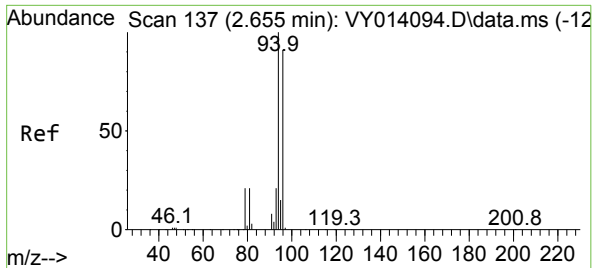
Tgt Ion: 50 Resp: 62065
Ion Ratio Lower Upper
50 100
52 31.6 25.4 38.2



#4
Vinyl Chloride
Concen: 20.782 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

Tgt Ion: 62 Resp: 61333
Ion Ratio Lower Upper
62 100
64 31.8 24.3 36.5

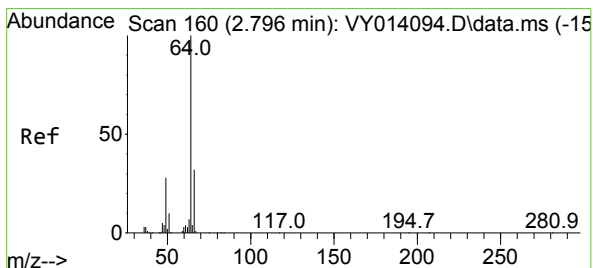
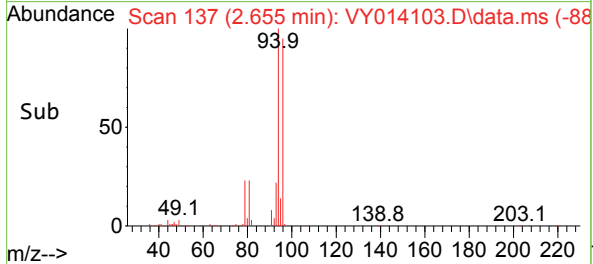
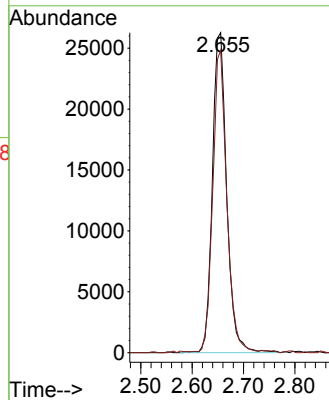
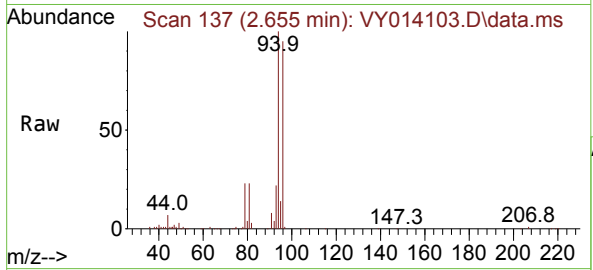




#5
Bromomethane
Concen: 20.867 ug/l
RT: 2.655 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

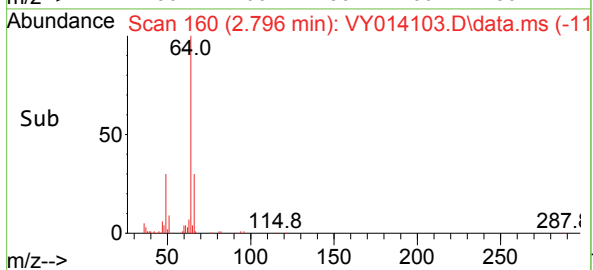
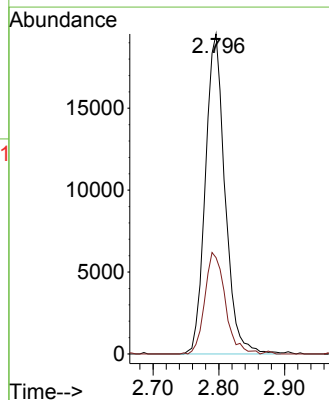
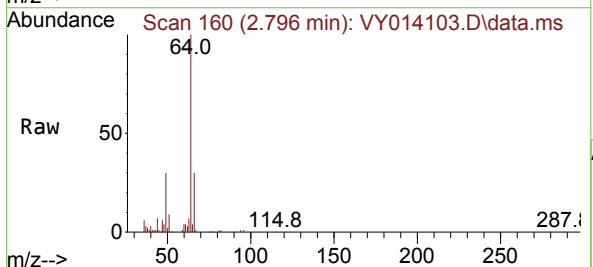
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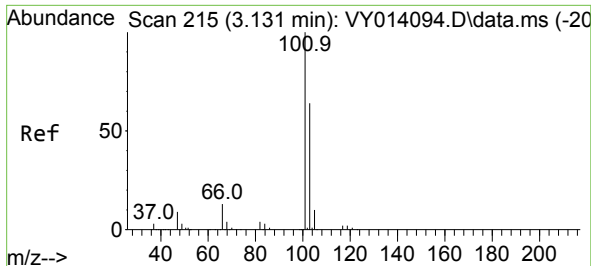
Tgt Ion: 94 Resp: 50813
Ion Ratio Lower Upper
94 100
96 94.5 75.8 113.6



#6
Chloroethane
Concen: 20.243 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

Tgt Ion: 64 Resp: 40596
Ion Ratio Lower Upper
64 100
66 30.1 24.4 36.6

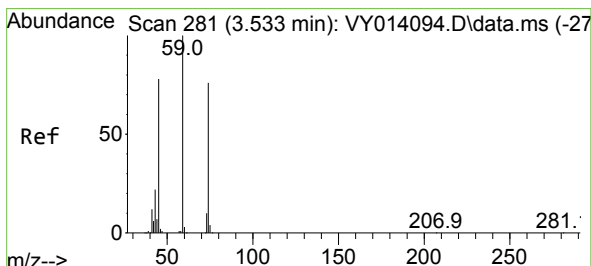
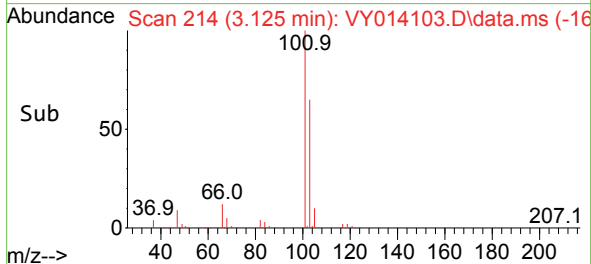
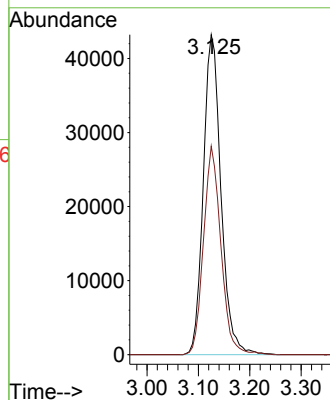
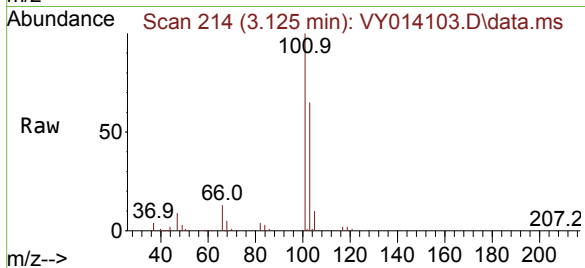




#7
Trichlorofluoromethane
Concen: 21.516 ug/l
RT: 3.125 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

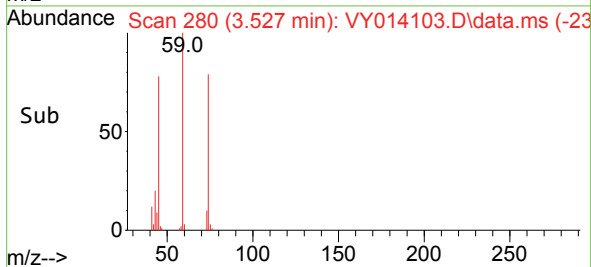
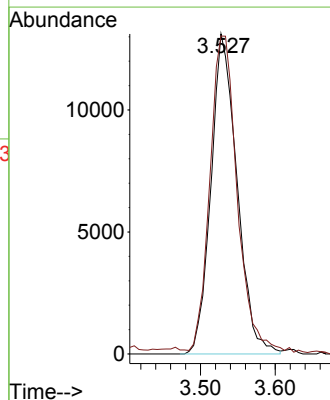
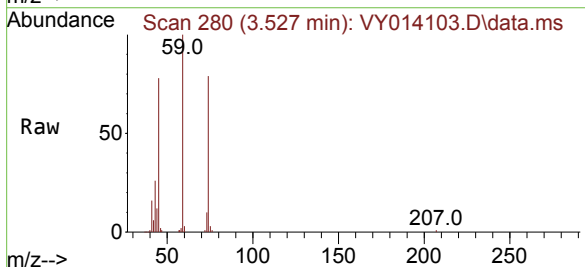
Instrument :
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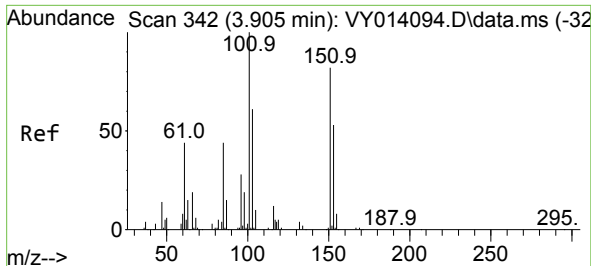
Tgt Ion:101 Resp: 103161
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.0



#8
Diethyl Ether
Concen: 19.906 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY014103.D
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Tgt Ion: 74 Resp: 31869
Ion Ratio Lower Upper
74 100
45 103.7 51.5 154.5

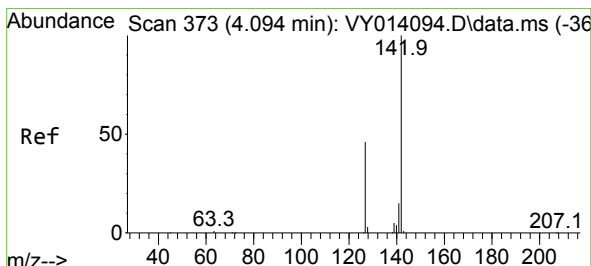
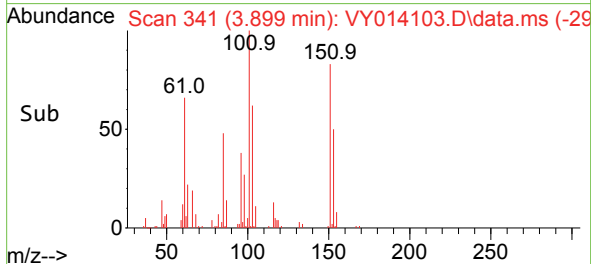
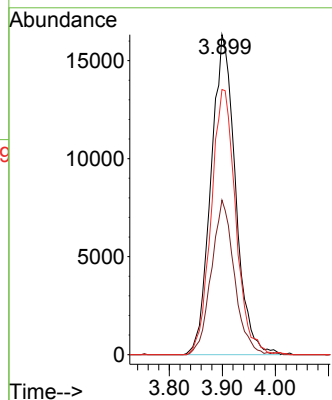
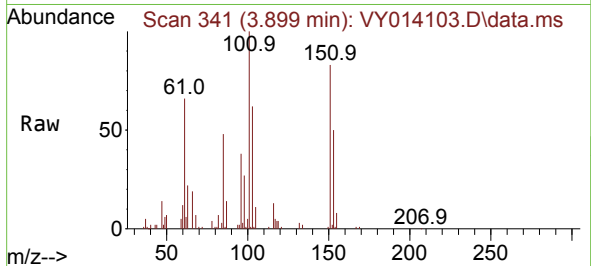




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.615 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

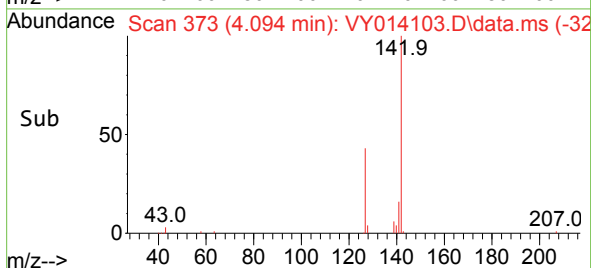
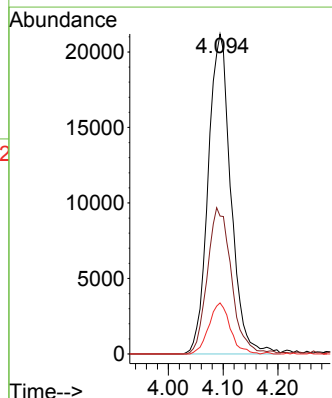
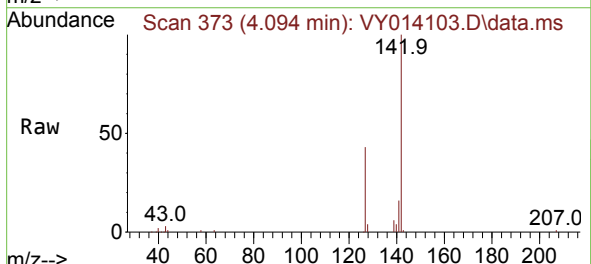
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

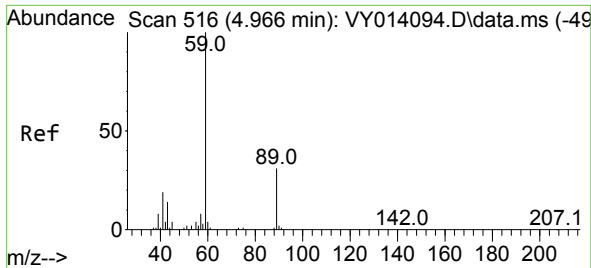
Tgt Ion:101 Resp: 52302
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 82.9 67.0 100.6



#10
Methyl Iodide
Concen: 19.024 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

Tgt Ion:142 Resp: 60786
Ion Ratio Lower Upper
142 100
127 48.7 37.6 56.4
141 15.1 11.8 17.8

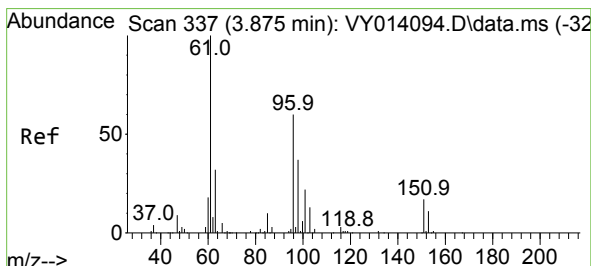
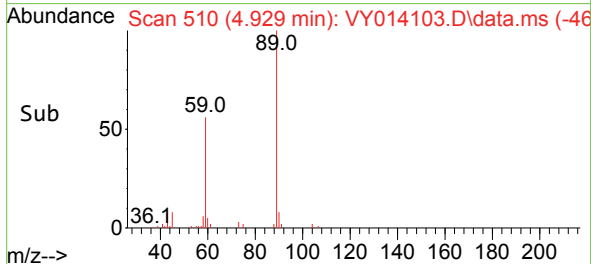
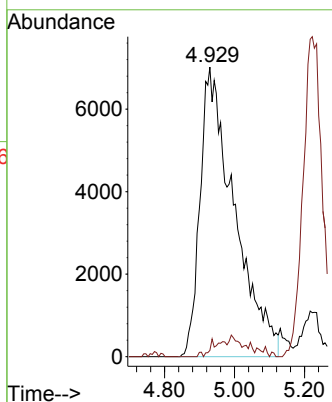
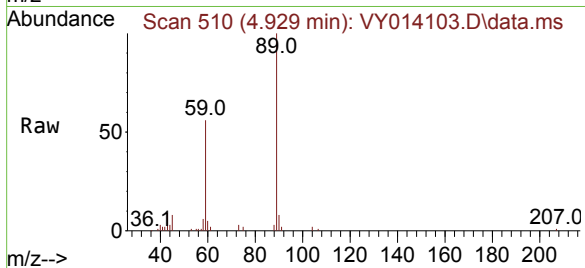




#11
Tert butyl alcohol
Concen: 126.893 ug/l
RT: 4.929 min Scan# 516
Delta R.T. -0.037 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

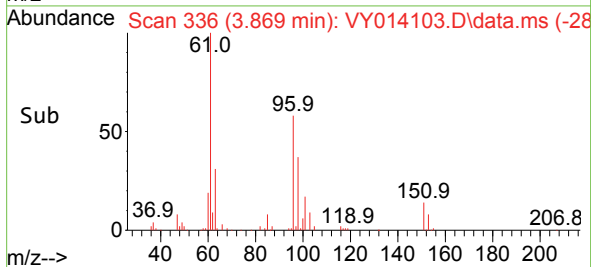
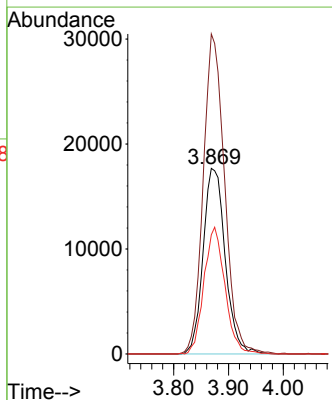
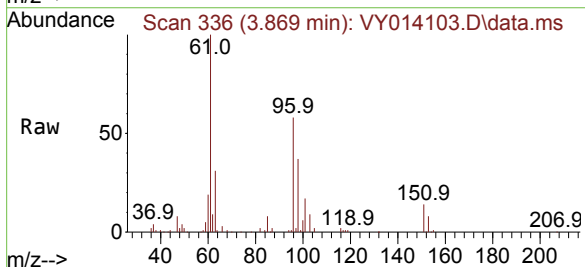
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

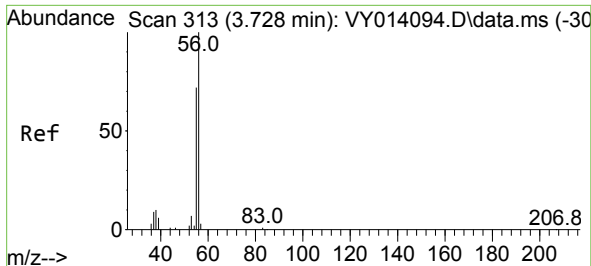
Tgt Ion: 59 Resp: 47436
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.184 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

Tgt Ion: 96 Resp: 49503
Ion Ratio Lower Upper
96 100
61 172.5 136.4 204.6
98 64.3 49.4 74.2





#13

Acrolein

Concen: 141.050 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.007 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

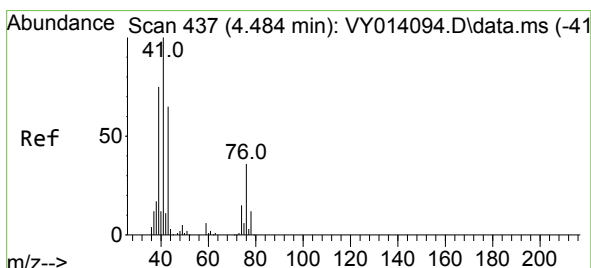
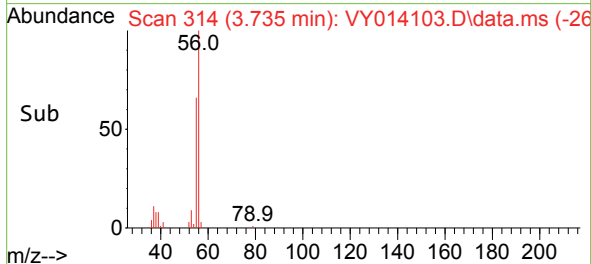
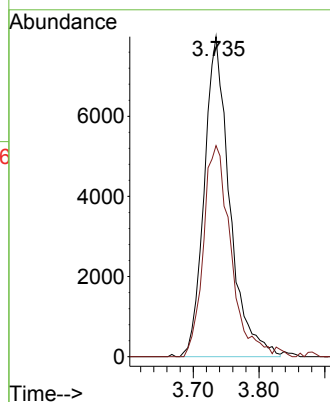
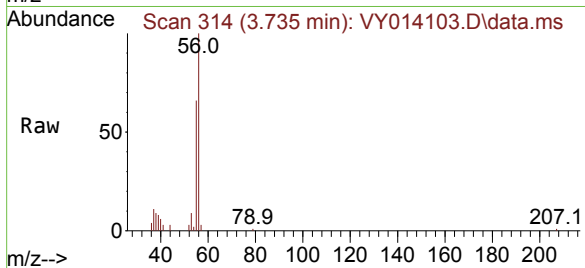
VY0609SBS01

Tgt Ion: 56 Resp: 21440

Ion Ratio Lower Upper

56 100

55 70.8 57.0 85.4



#14

Allyl chloride

Concen: 18.699 ug/l

RT: 4.484 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

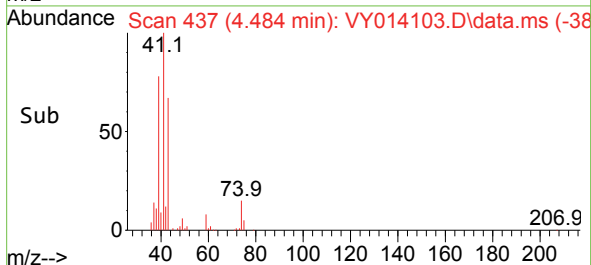
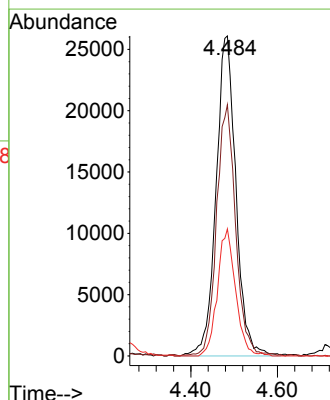
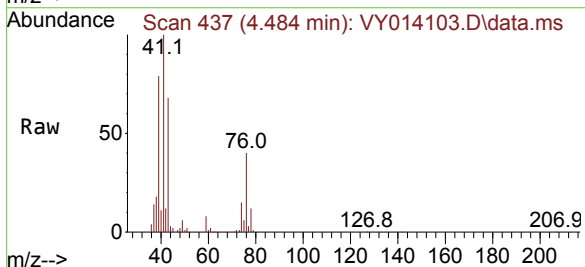
Tgt Ion: 41 Resp: 83132

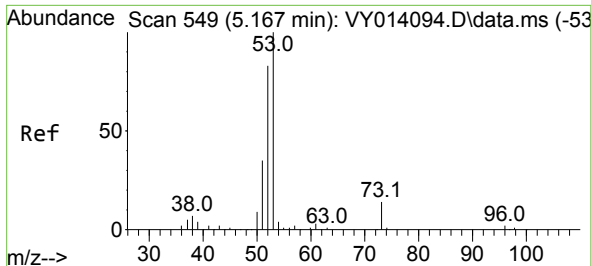
Ion Ratio Lower Upper

41 100

39 75.5 58.0 87.0

76 36.3 27.4 41.2

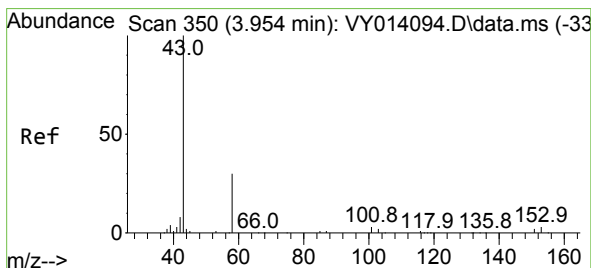
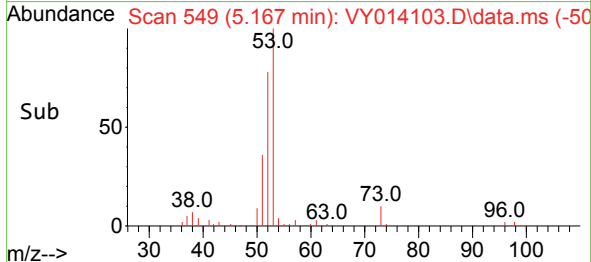
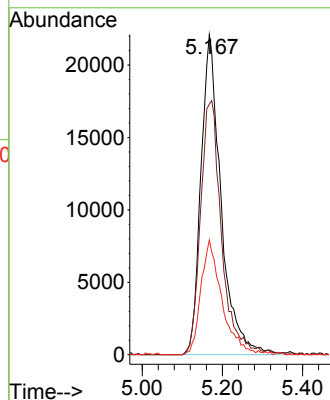
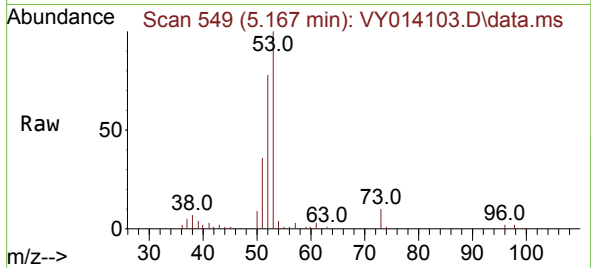




#15
Acrylonitrile
Concen: 93.148 ug/l
RT: 5.167 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

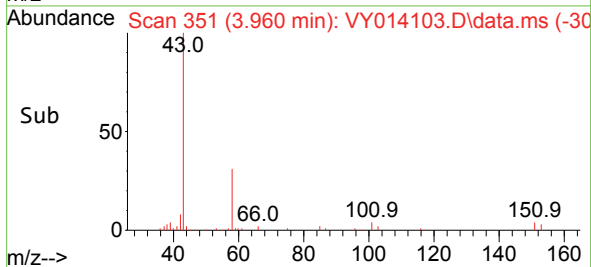
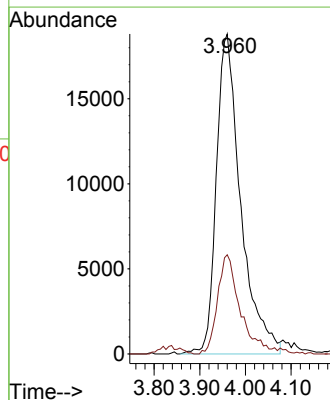
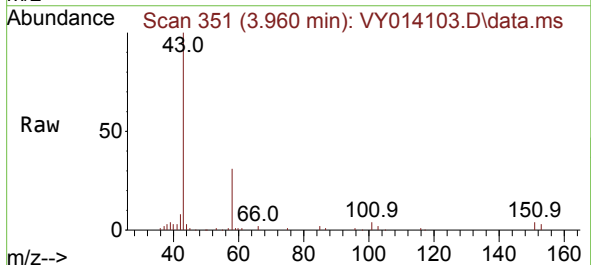
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

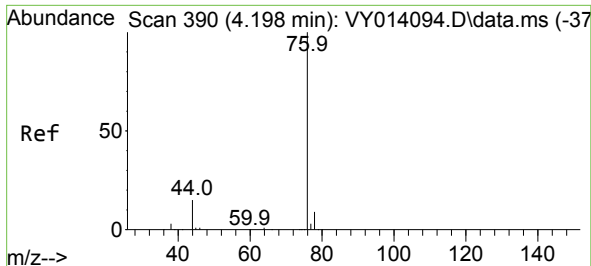
Tgt Ion: 53	Resp: 76919
Ion Ratio	Lower Upper
53	100
52	82.5 66.9 100.3
51	37.5 29.8 44.6



#16
Acetone
Concen: 77.158 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

Tgt Ion: 43	Resp: 69570
Ion Ratio	Lower Upper
43	100
58	29.2 22.7 34.1

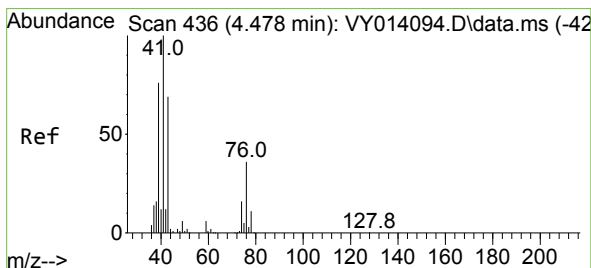
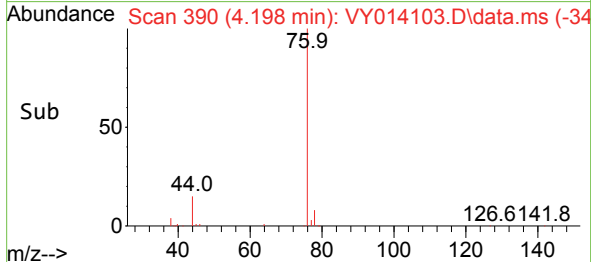
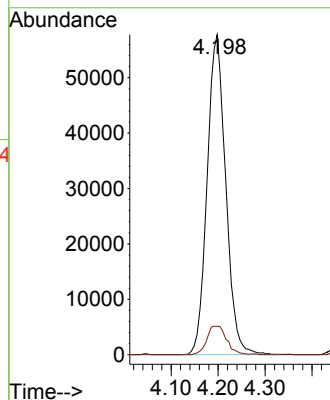
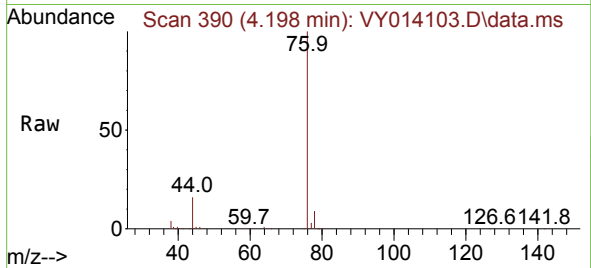




#17
Carbon Disulfide
Concen: 19.949 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

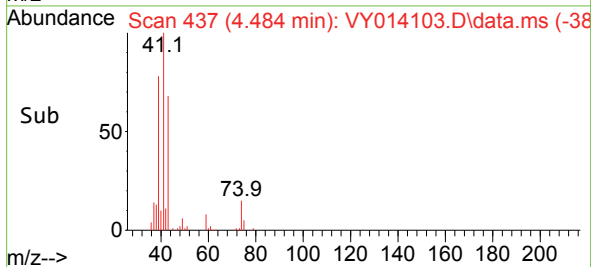
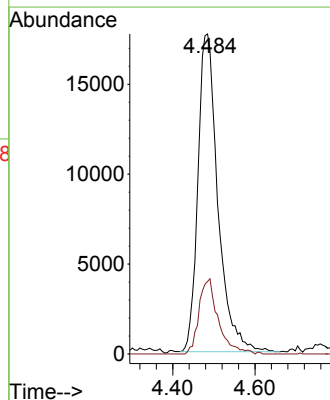
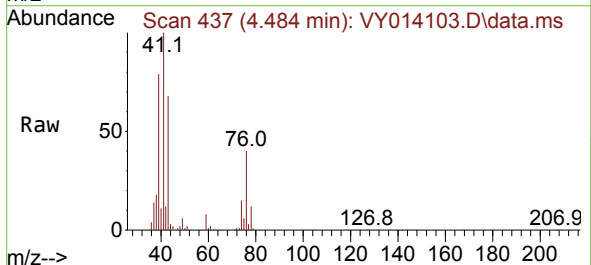
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

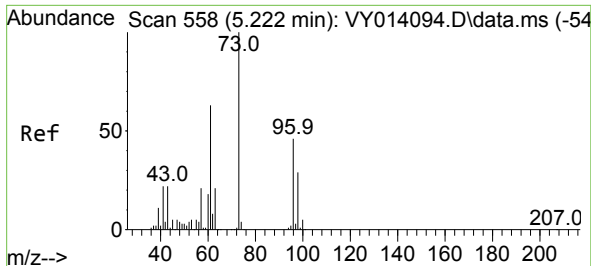
Tgt Ion: 76 Resp: 158545
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 17.059 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

Tgt Ion: 43 Resp: 59704
Ion Ratio Lower Upper
43 100
74 22.9 17.4 26.0

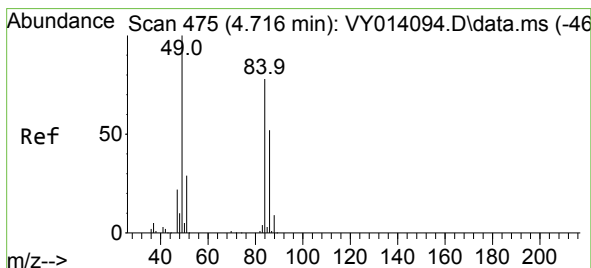
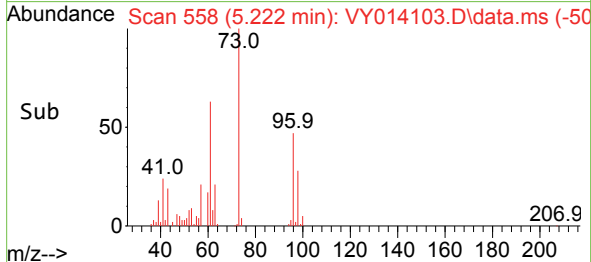
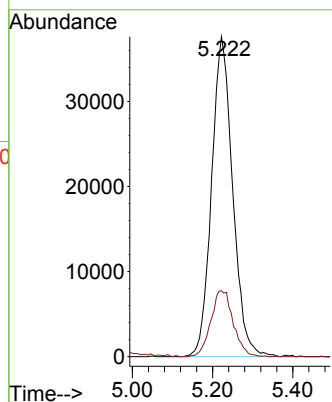
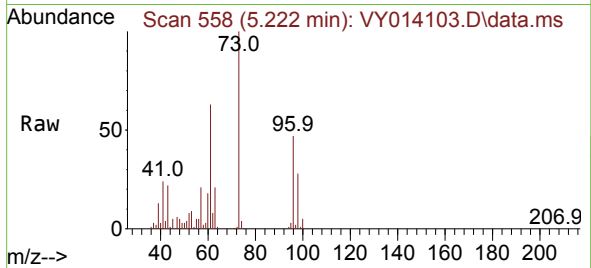




#19
Methyl tert-butyl Ether
Concen: 18.980 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

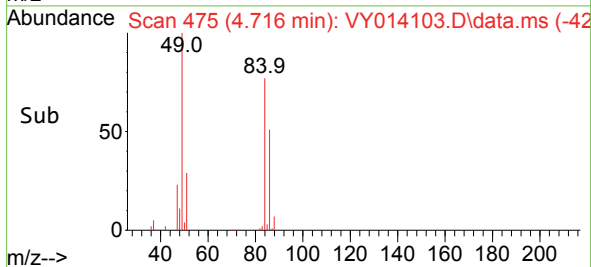
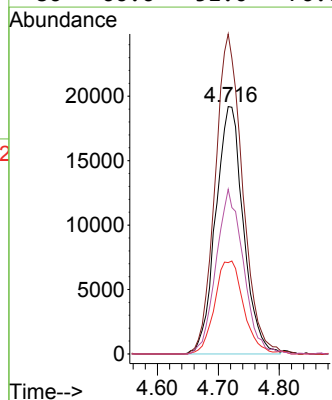
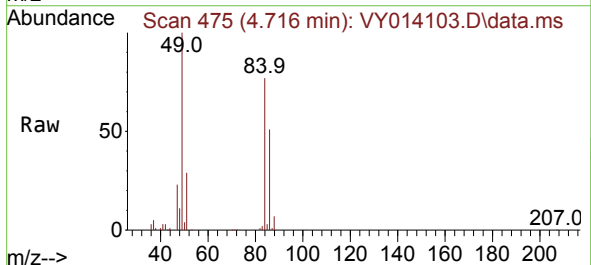
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

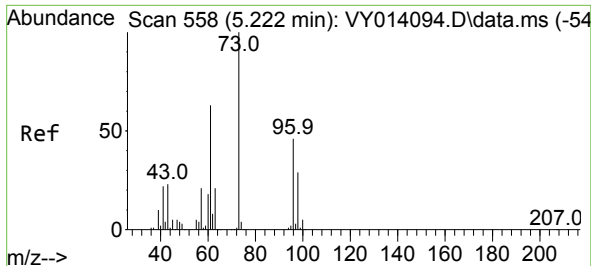
Tgt Ion: 73 Resp: 137293
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9



#20
Methylene Chloride
Concen: 18.776 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

Tgt Ion: 84 Resp: 60493
Ion Ratio Lower Upper
84 100
49 129.4 106.9 160.3
51 37.0 33.2 49.8
86 66.6 51.0 76.6

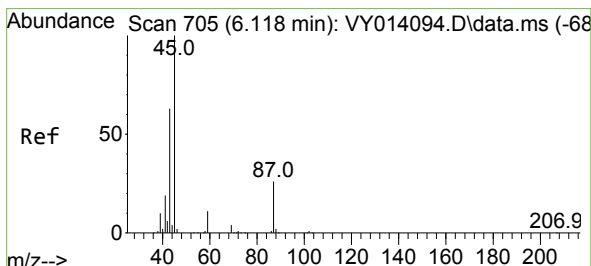
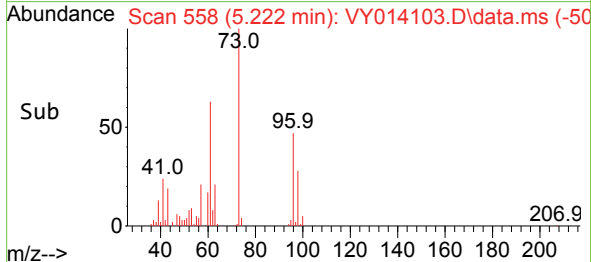
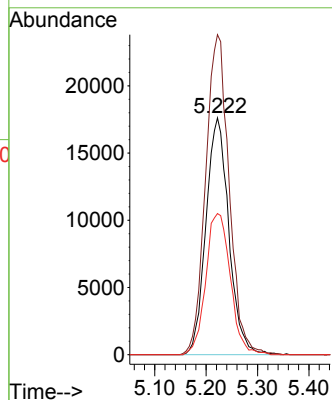
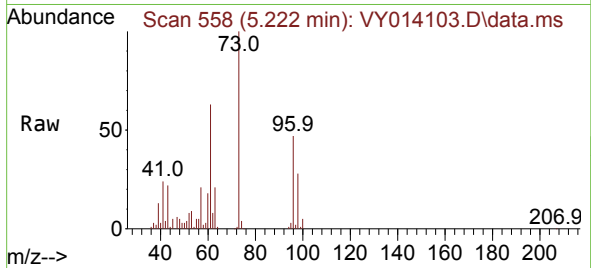




#21
trans-1,2-Dichloroethene
Concen: 19.921 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

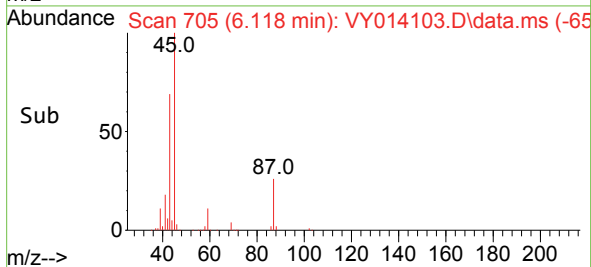
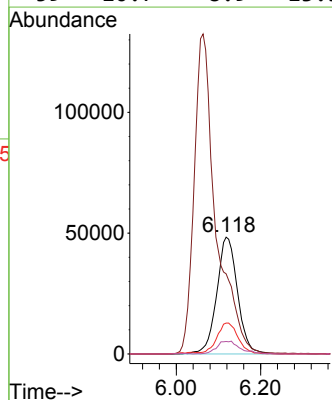
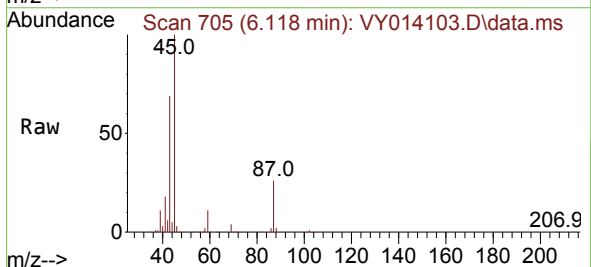
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBSD01

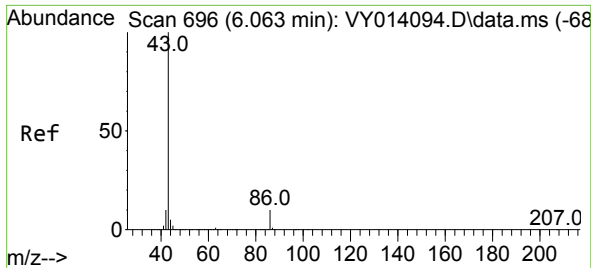
Tgt Ion: 96 Resp: 54495
Ion Ratio Lower Upper
96 100
61 135.1 110.2 165.4
98 59.6 51.8 77.6



#22
Diisopropyl ether
Concen: 19.386 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

Tgt Ion: 45 Resp: 165019
Ion Ratio Lower Upper
45 100
43 68.0 52.2 78.4
87 26.4 21.0 31.6
59 10.7 8.9 13.3

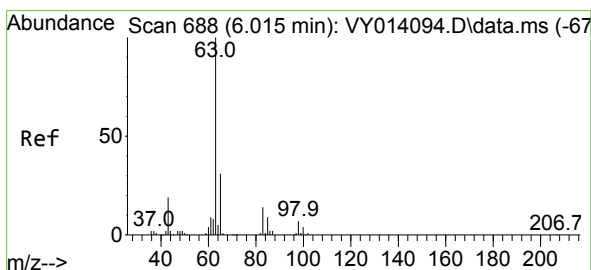
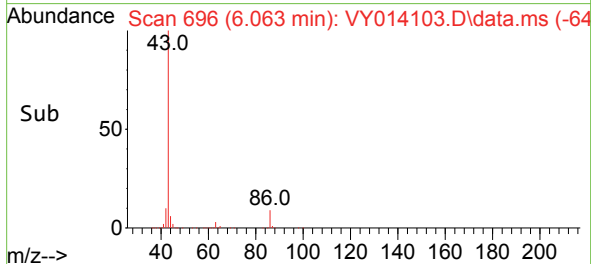
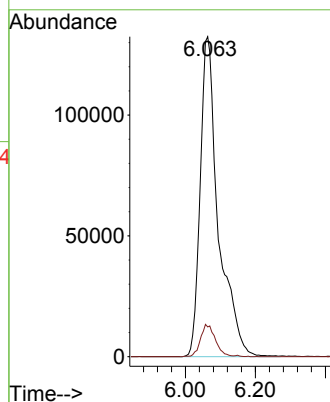
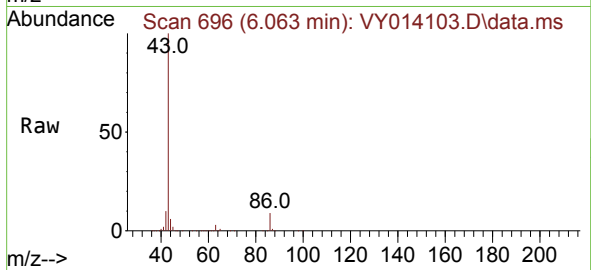




#23
 Vinyl Acetate
 Concen: 95.057 ug/l
 RT: 6.063 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY014103.D
 Acq: 09 Jun 2023 18:33

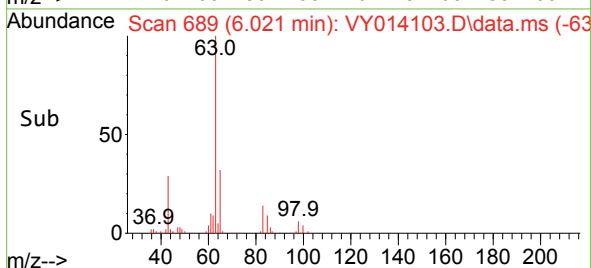
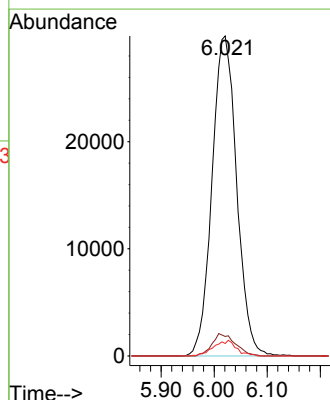
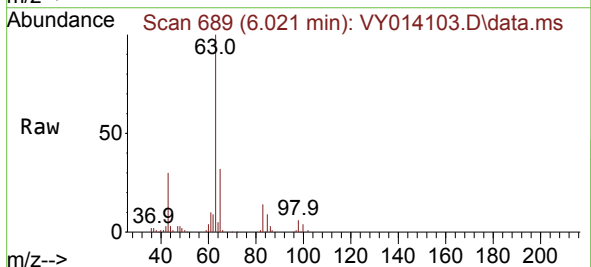
Instrument :
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 ClientSampleId :
 VY0609SBS01

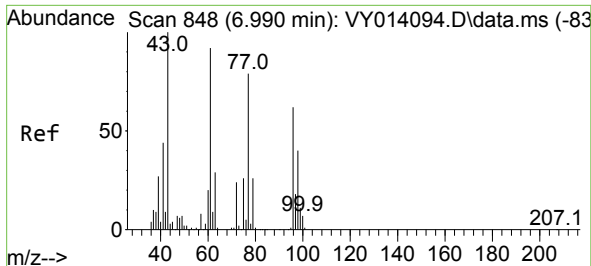
Tgt Ion: 43 Resp: 477406
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 19.653 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY014103.D
 Acq: 09 Jun 2023 18:33

Tgt Ion: 63 Resp: 96455
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.1 9.4
 100 3.9 1.8 5.5

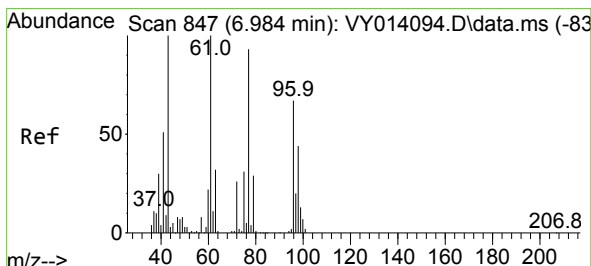
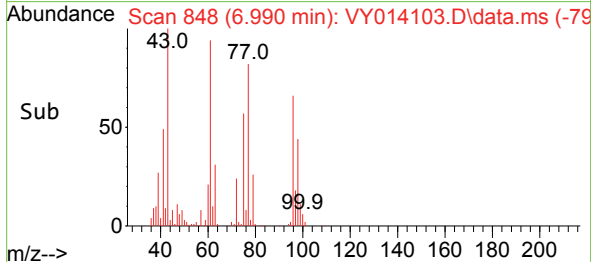
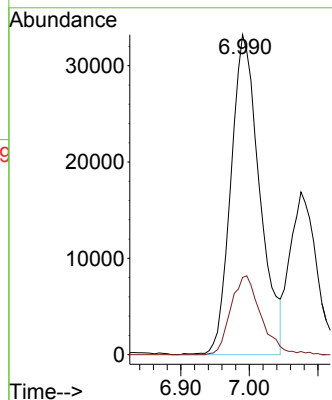
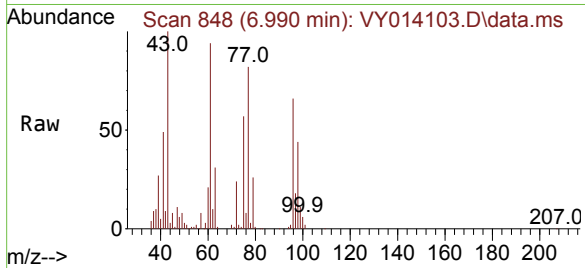




#25
2-Butanone
Concen: 87.537 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

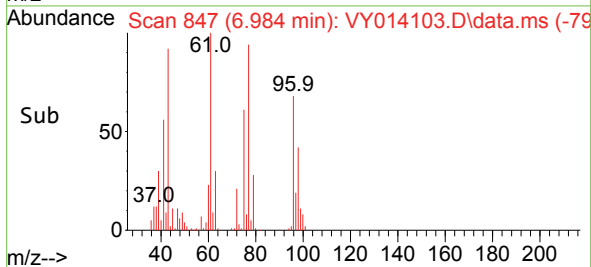
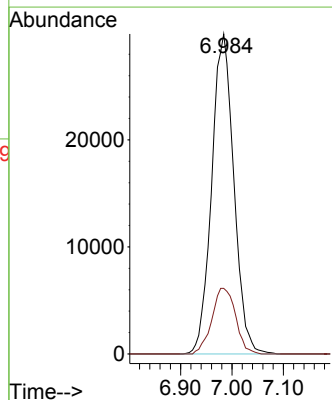
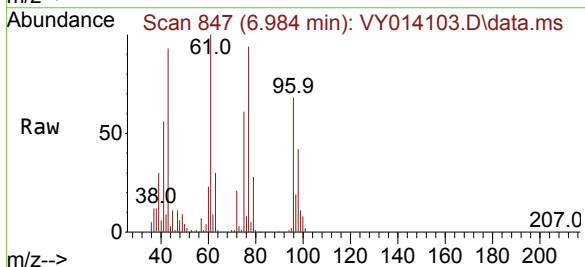
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

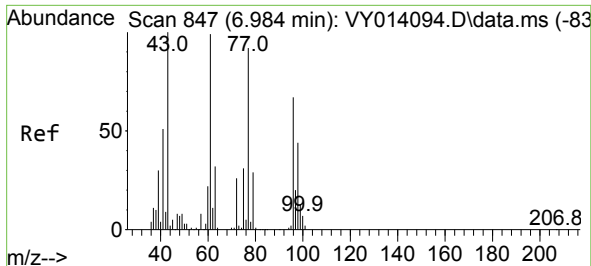
Tgt Ion: 43 Resp: 97157
Ion Ratio Lower Upper
43 100
72 24.2 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.415 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

Tgt Ion: 77 Resp: 89494
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.410 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

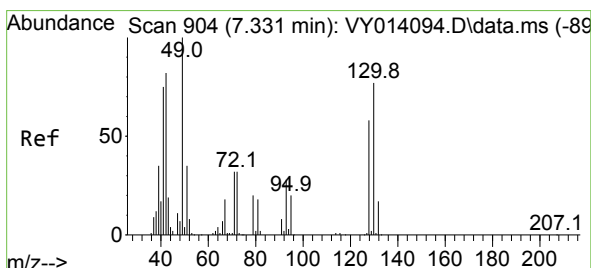
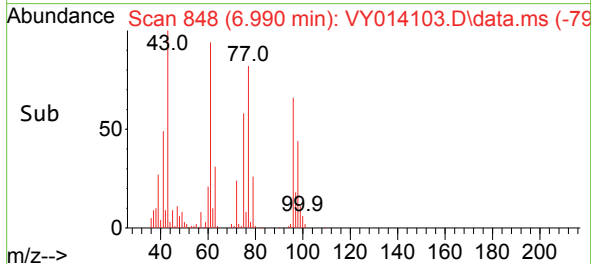
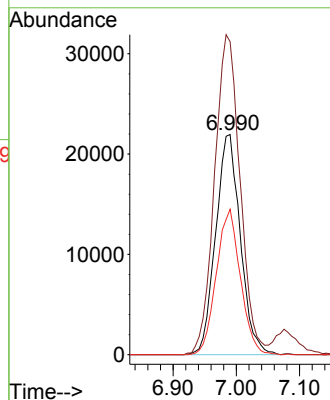
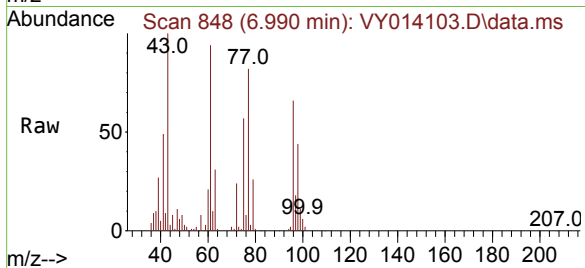
Tgt Ion: 96 Resp: 59399

Ion Ratio Lower Upper

96 100

61 150.3 0.0 301.4

98 64.4 0.0 130.4



#28

Bromochloromethane

Concen: 19.907 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.007 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

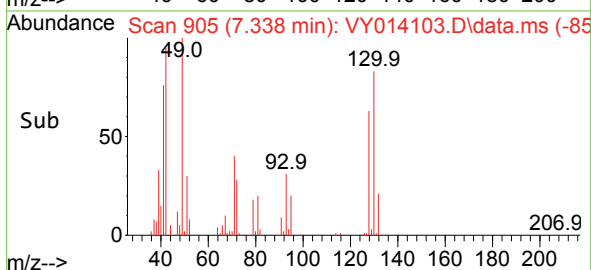
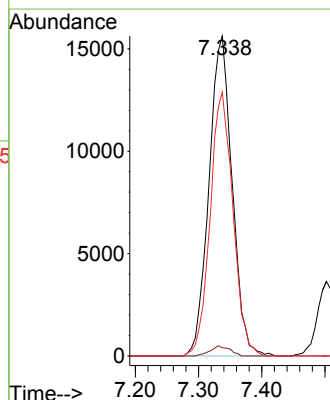
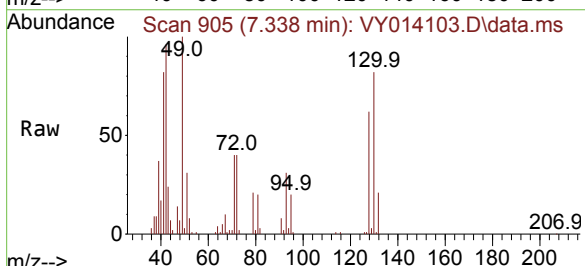
Tgt Ion: 49 Resp: 39732

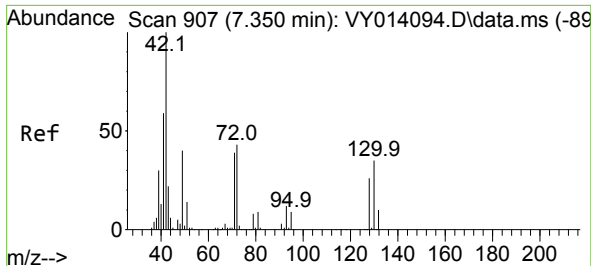
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

130 81.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 90.239 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

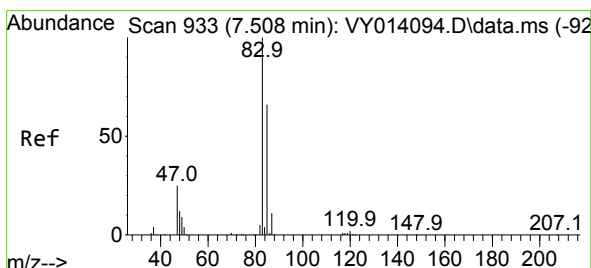
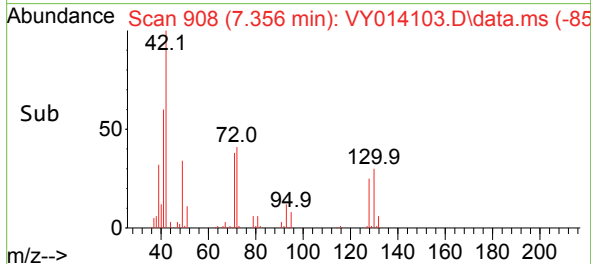
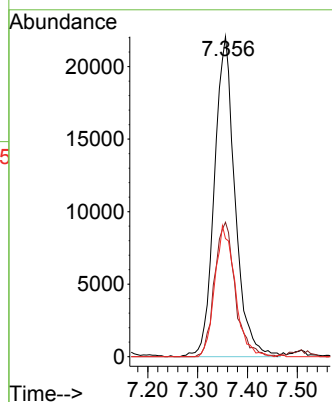
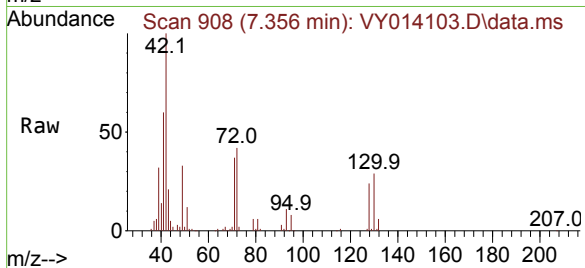
Tgt Ion: 42 Resp: 63510

Ion Ratio Lower Upper

42 100

72 42.1 32.8 49.2

71 40.0 31.0 46.4



#30

Chloroform

Concen: 19.810 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY014103.D

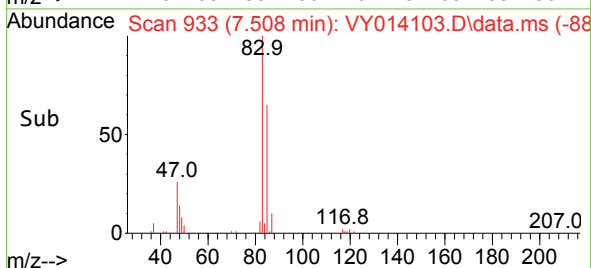
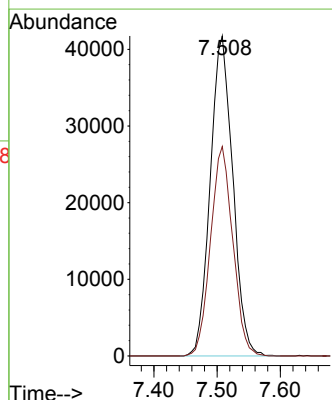
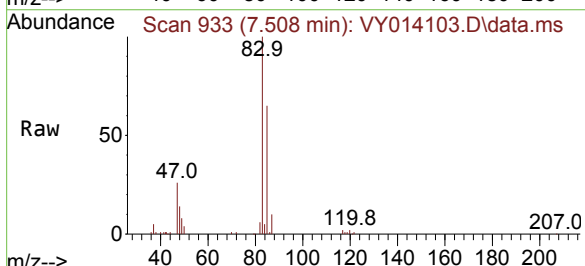
Acq: 09 Jun 2023 18:33

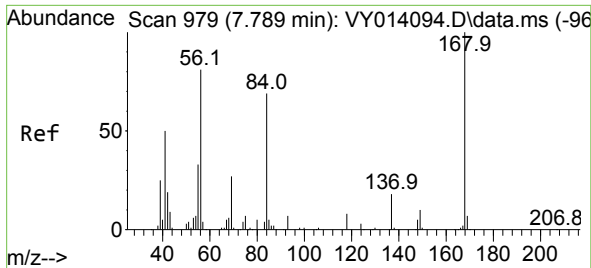
Tgt Ion: 83 Resp: 103146

Ion Ratio Lower Upper

83 100

85 65.4 49.7 74.5

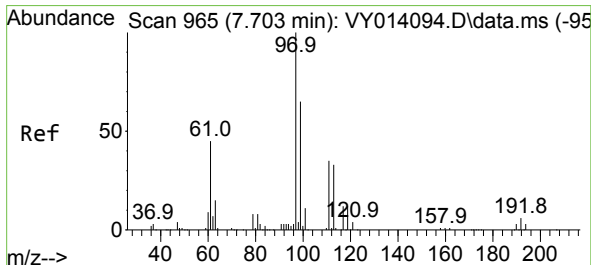
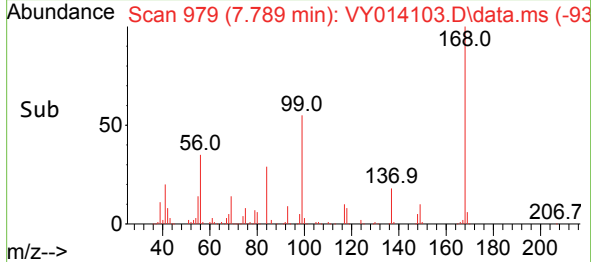
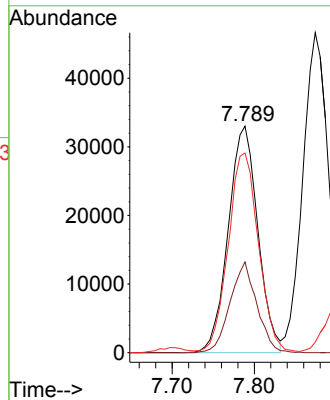
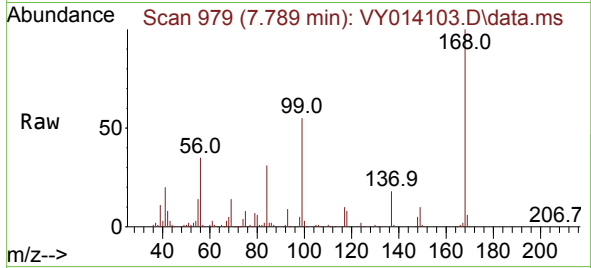




#31
Cyclohexane
Concen: 20.638 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

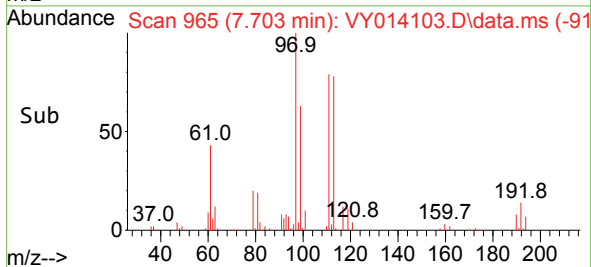
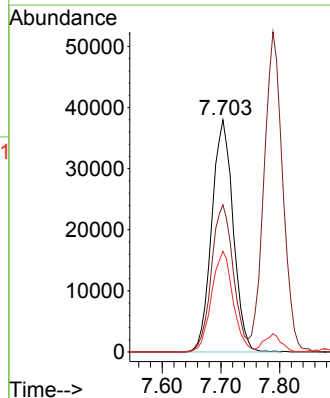
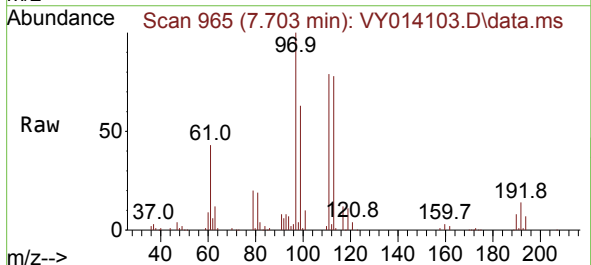
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

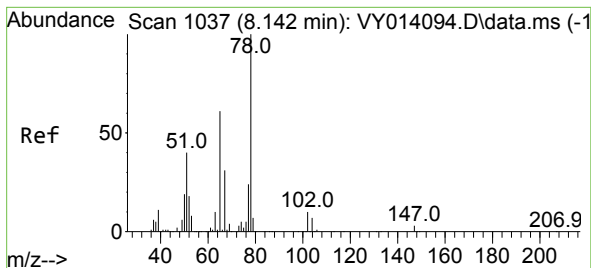
Tgt Ion: 56 Resp: 82699
Ion Ratio Lower Upper
56 100
69 39.5 27.8 41.6
84 86.3 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.472 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

Tgt Ion: 97 Resp: 96137
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 43.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 44.474 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

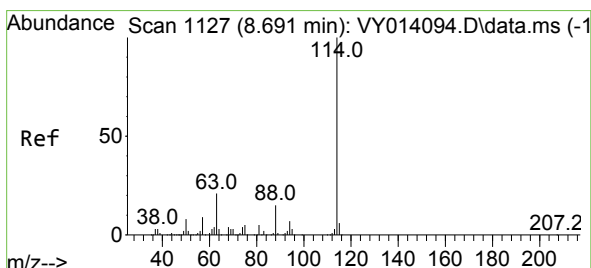
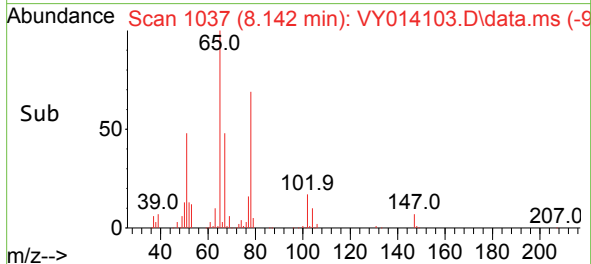
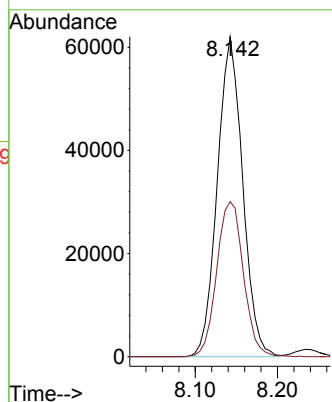
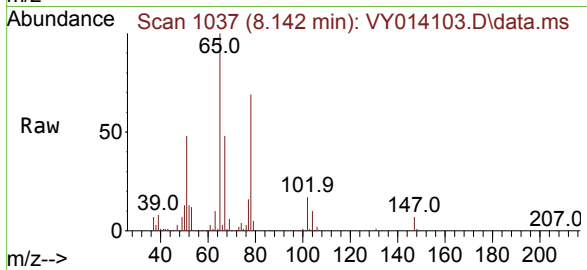
VY0609SBS01

Tgt Ion: 65 Resp: 133034

Ion Ratio Lower Upper

65 100

67 51.0 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: VY014103.D

Acq: 09 Jun 2023 18:33

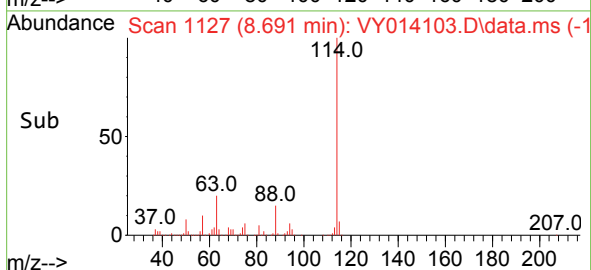
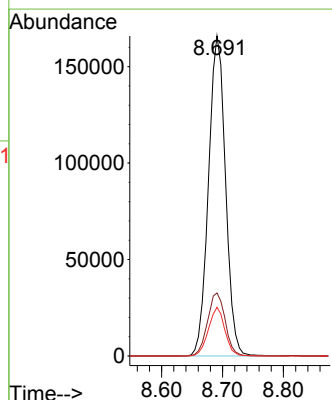
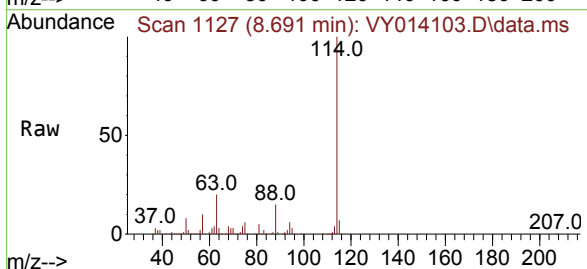
Tgt Ion: 114 Resp: 322516

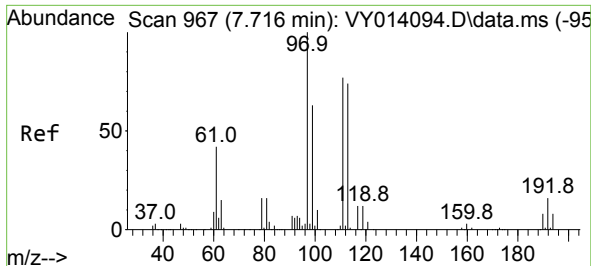
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.2 0.0 30.6

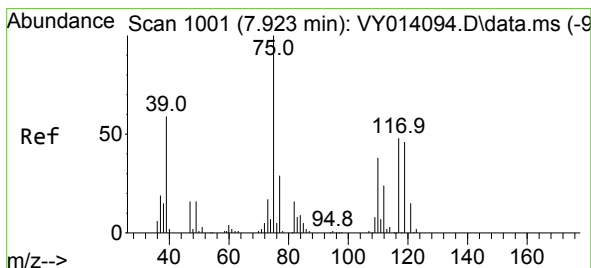
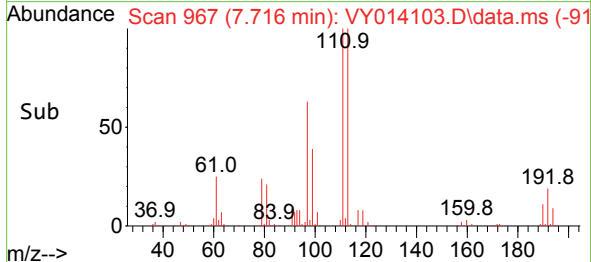
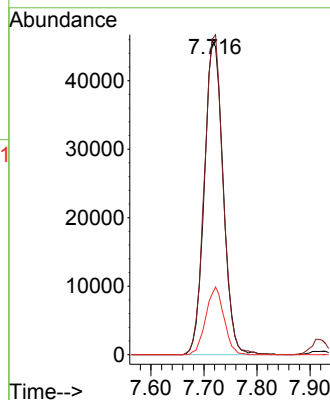
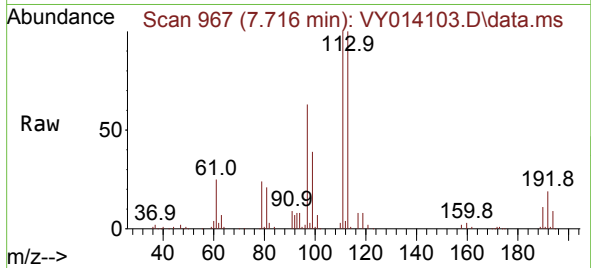




#35
Dibromofluoromethane
Concen: 49.352 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

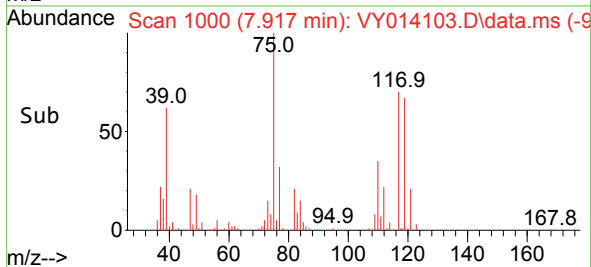
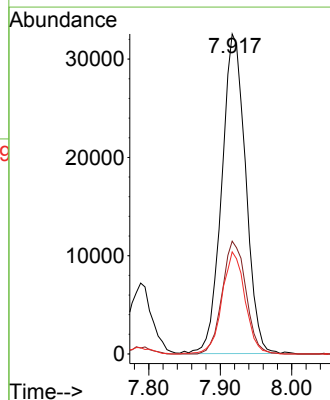
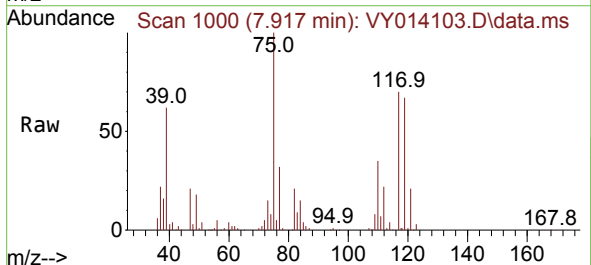
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBSD01

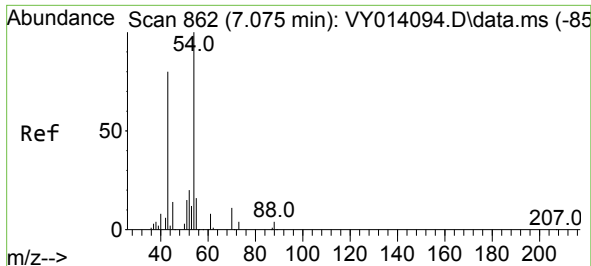
Tgt Ion:113 Resp: 112878
Ion Ratio Lower Upper
113 100
111 101.4 81.3 121.9
192 20.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 21.189 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

Tgt Ion: 75 Resp: 75556
Ion Ratio Lower Upper
75 100
110 35.0 17.8 53.5
77 30.8 24.4 36.6

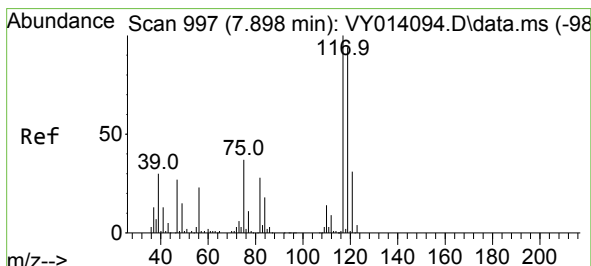
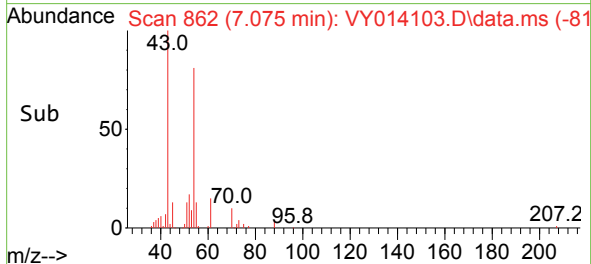
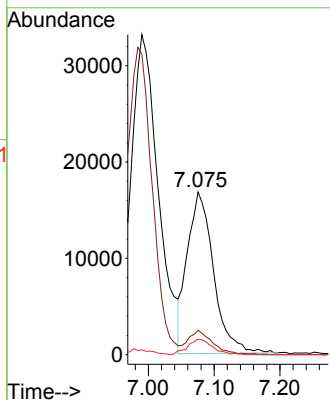
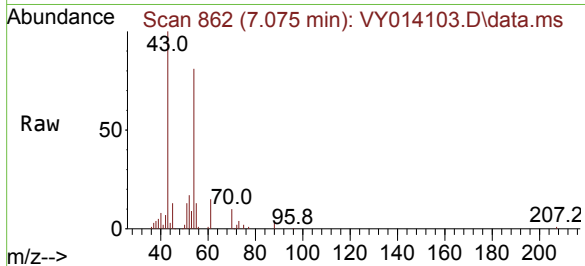




#37
Ethyl Acetate
Concen: 18.921 ug/l
RT: 7.075 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

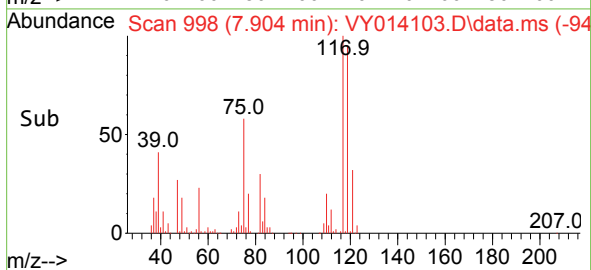
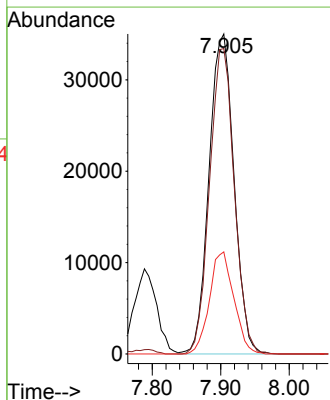
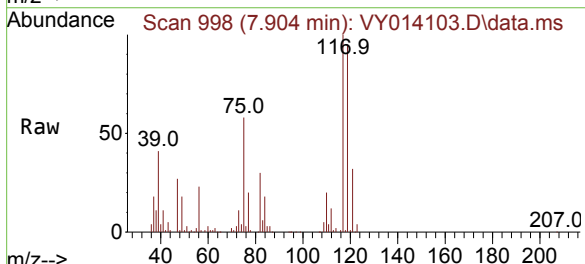
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

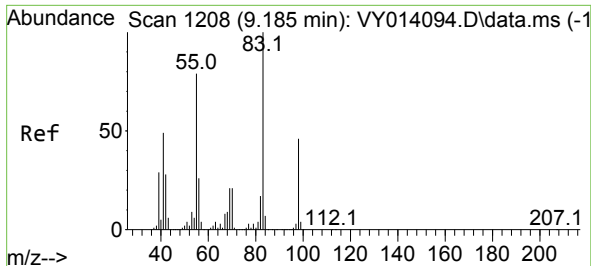
Tgt Ion: 43 Resp: 46552
Ion Ratio Lower Upper
43 100
61 14.5 10.1 15.1
70 9.0 7.1 10.7



#38
Carbon Tetrachloride
Concen: 21.519 ug/l
RT: 7.904 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

Tgt Ion: 117 Resp: 88548
Ion Ratio Lower Upper
117 100
119 95.5 76.4 114.6
121 31.9 25.8 38.6





#39

Methylcyclohexane

Concen: 21.551 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

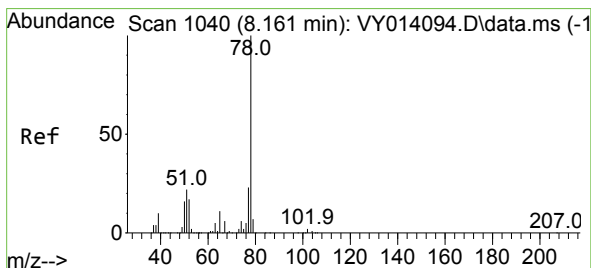
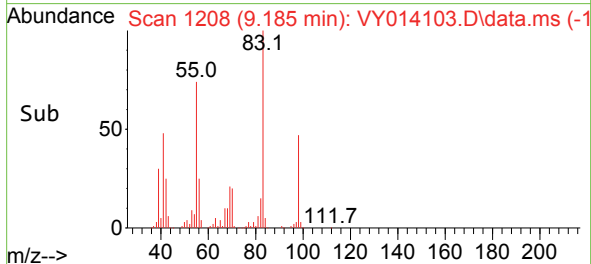
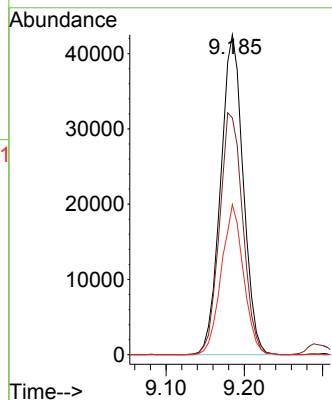
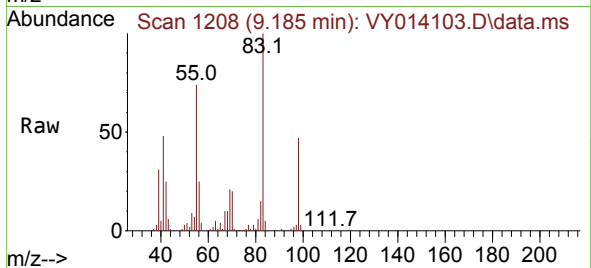
Tgt Ion: 83 Resp: 85263

Ion Ratio Lower Upper

83 100

55 74.0 63.0 94.4

98 46.9 37.4 56.2



#40

Benzene

Concen: 20.639 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY014103.D

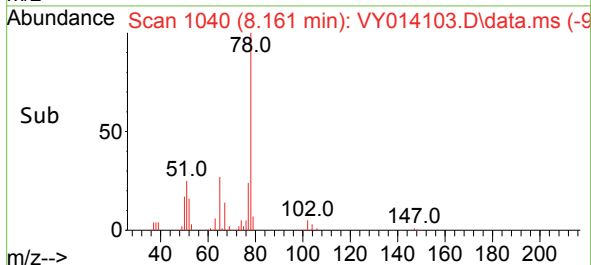
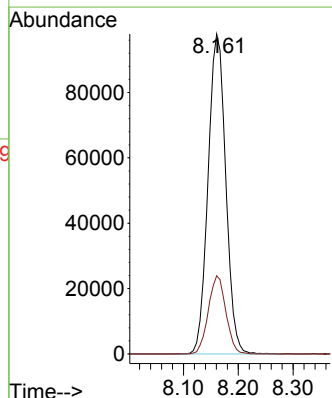
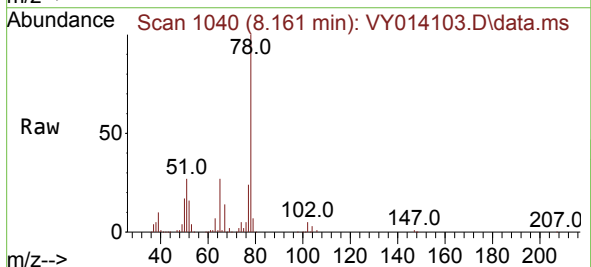
Acq: 09 Jun 2023 18:33

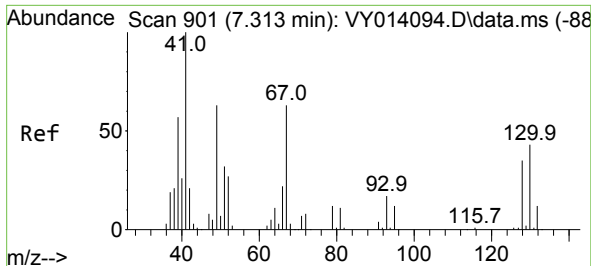
Tgt Ion: 78 Resp: 218840

Ion Ratio Lower Upper

78 100

77 24.5 19.0 28.6

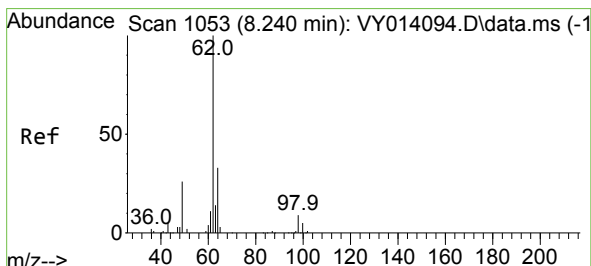
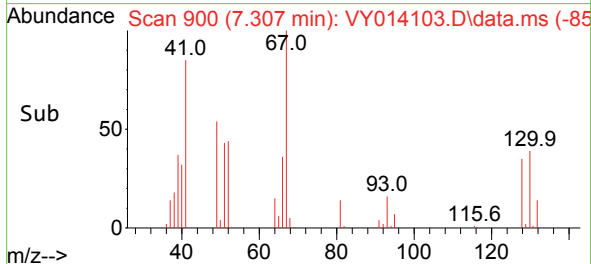
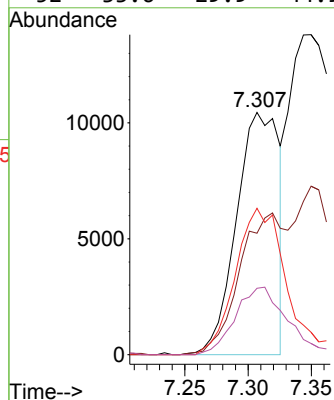
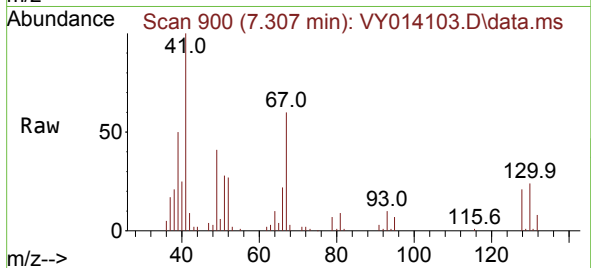




#41
Methacrylonitrile
Concen: 19.619 ug/l
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

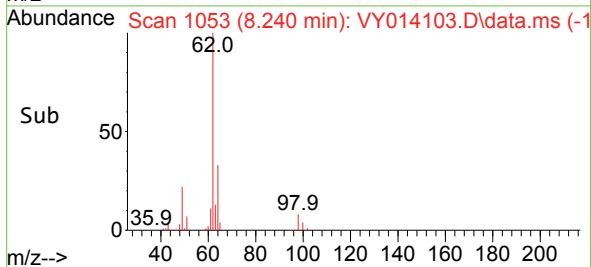
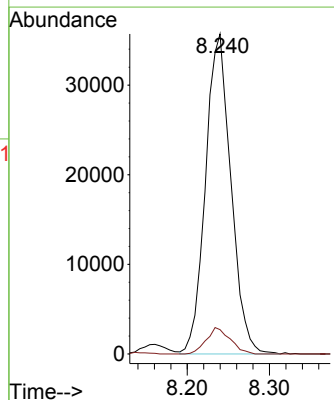
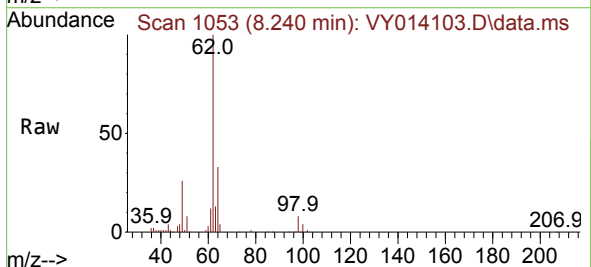
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

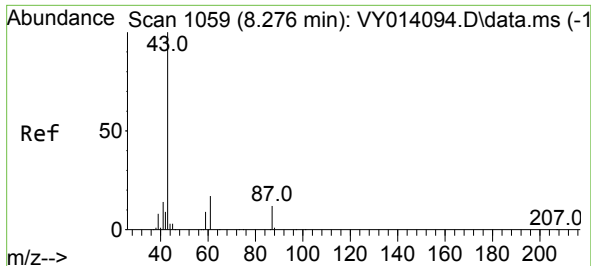
Tgt Ion:	41	Resp:	24634
Ion	Ratio	Lower	Upper
41	100		
39	64.3	52.1	78.1
67	71.7	66.2	99.2
52	33.6	29.9	44.9



#42
1,2-Dichloroethane
Concen: 20.434 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

Tgt Ion:	62	Resp:	76617
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.8

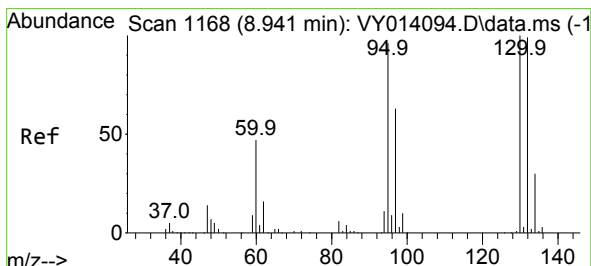
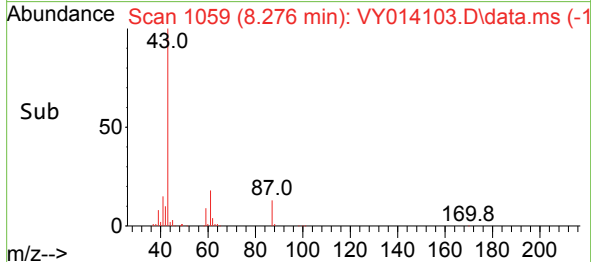
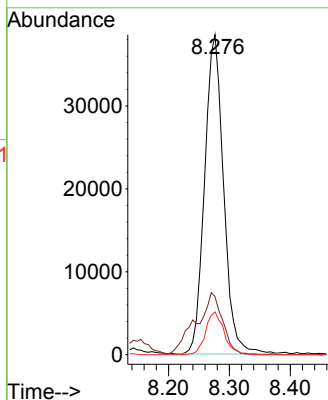
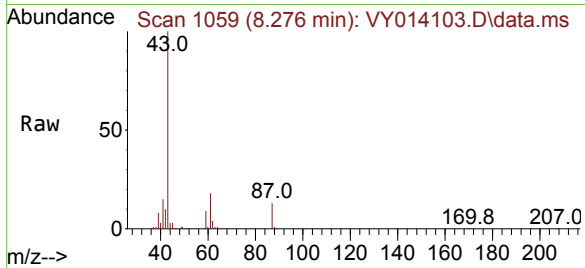




#43
Isopropyl Acetate
Concen: 19.382 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

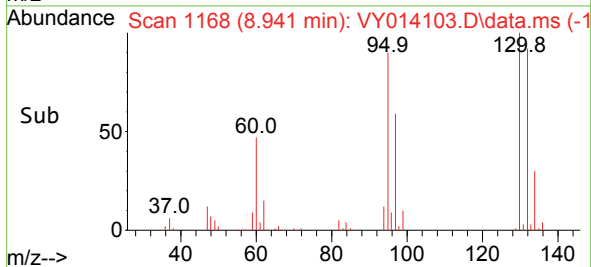
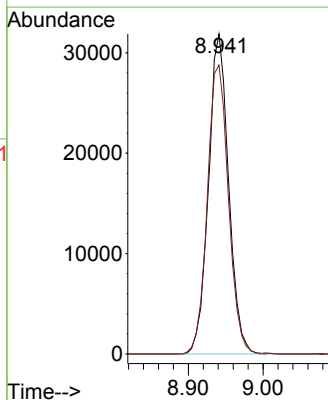
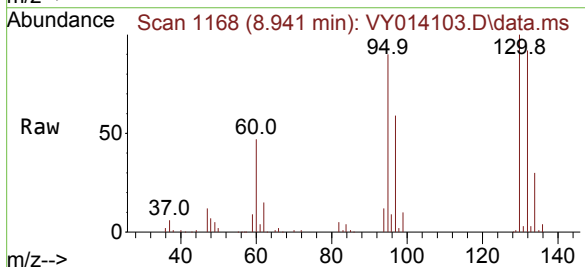
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

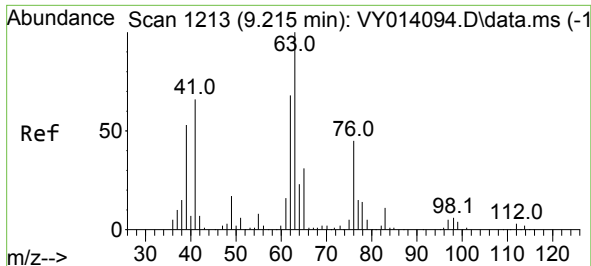
Tgt Ion: 43 Resp: 83579
Ion Ratio Lower Upper
43 100
61 27.2 21.1 31.7
87 12.9 9.8 14.8



#44
Trichloroethene
Concen: 21.036 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

Tgt Ion: 130 Resp: 59594
Ion Ratio Lower Upper
130 100
95 90.3 0.0 196.0

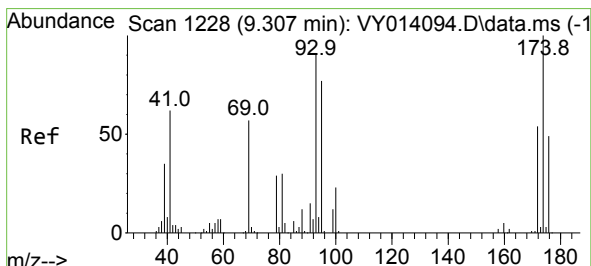
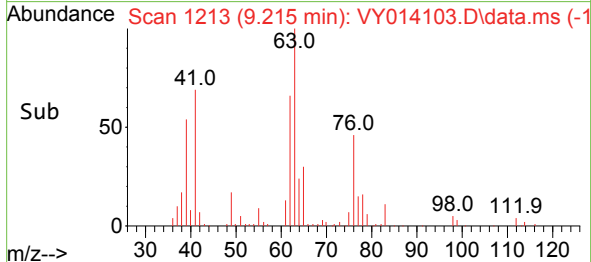
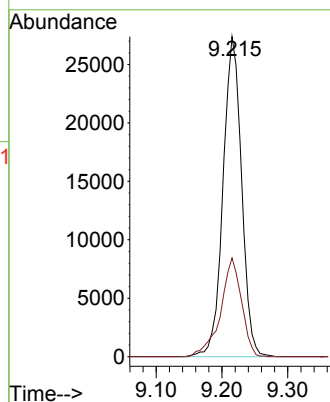
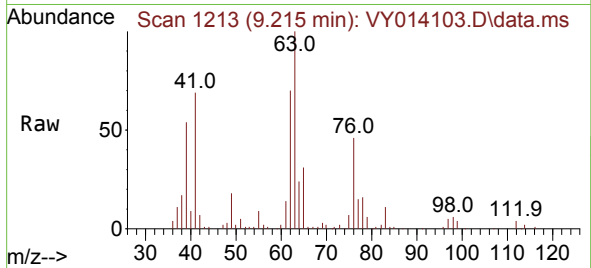




#45
1,2-Dichloropropane
Concen: 19.950 ug/l
RT: 9.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

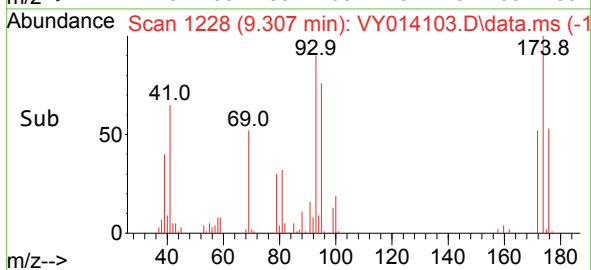
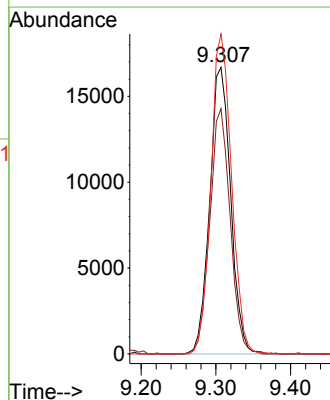
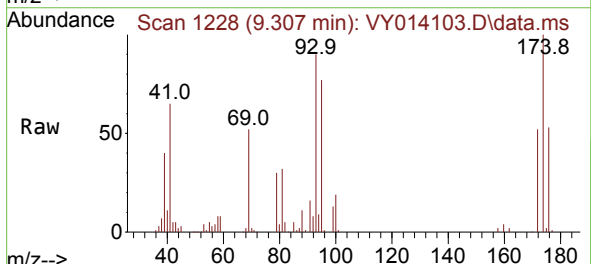
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

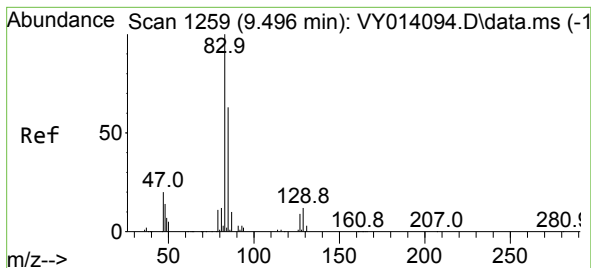
Tgt Ion: 63 Resp: 53730
Ion Ratio Lower Upper
63 100
65 30.9 23.8 35.6



#46
Dibromomethane
Concen: 19.606 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

Tgt Ion: 93 Resp: 32503
Ion Ratio Lower Upper
93 100
95 83.1 66.6 100.0
174 109.9 84.8 127.2





#47

Bromodichloromethane

Concen: 20.412 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

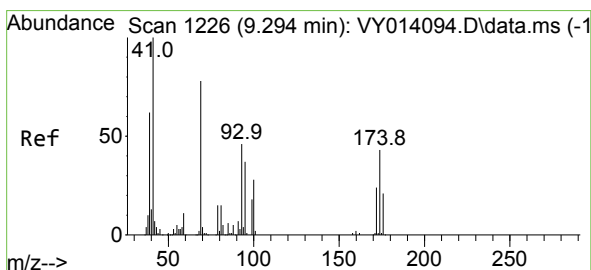
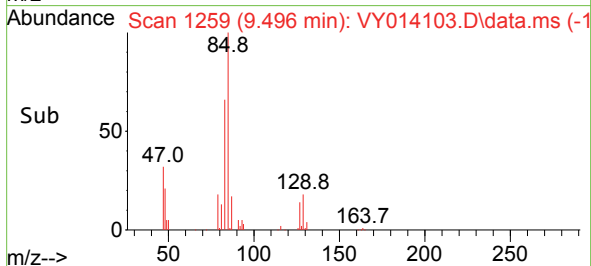
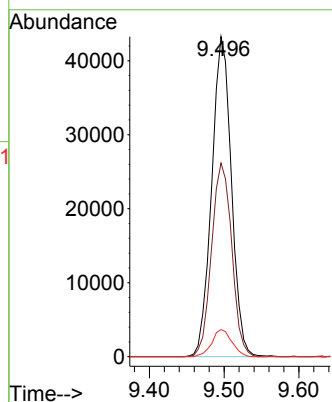
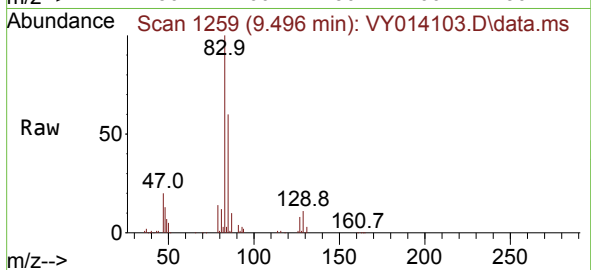
Tgt Ion: 83 Resp: 79233

Ion Ratio Lower Upper

83 100

85 60.5 50.1 75.1

127 8.4 7.1 10.7



#48

Methyl methacrylate

Concen: 19.418 ug/l

RT: 9.294 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

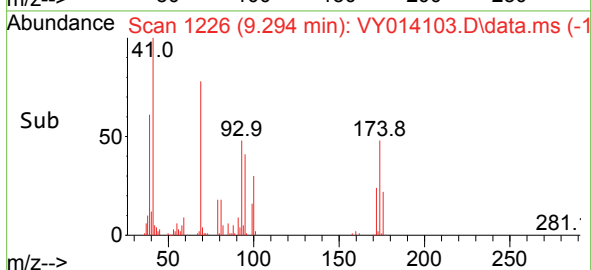
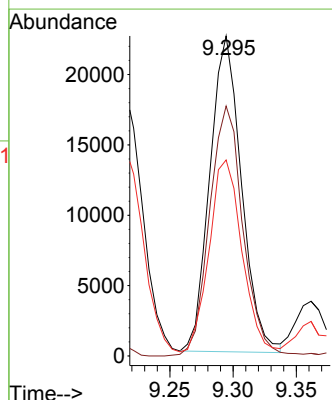
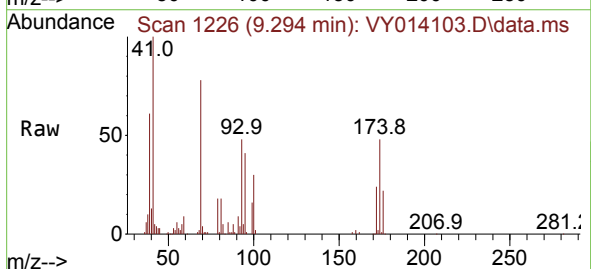
Tgt Ion: 41 Resp: 39054

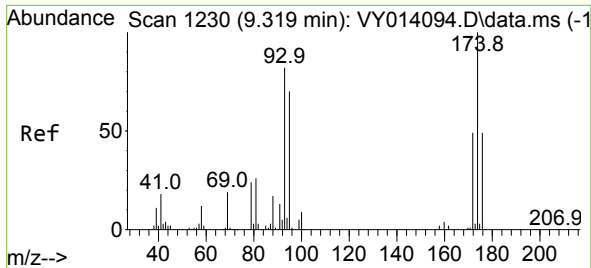
Ion Ratio Lower Upper

41 100

69 83.7 64.5 96.7

39 63.4 50.8 76.2

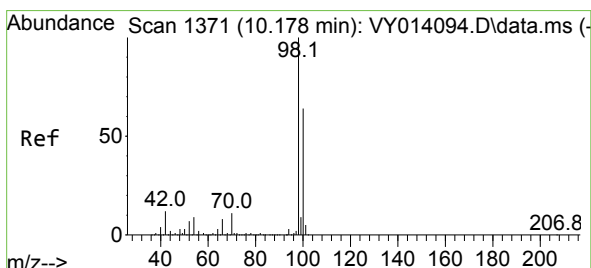
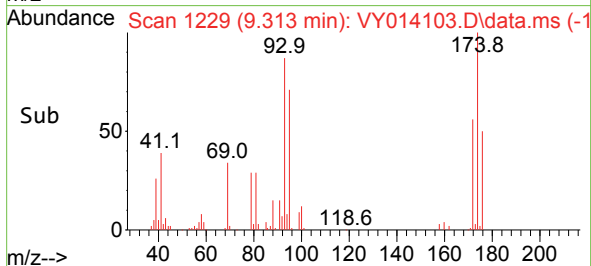
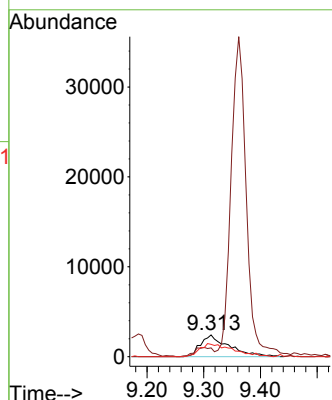
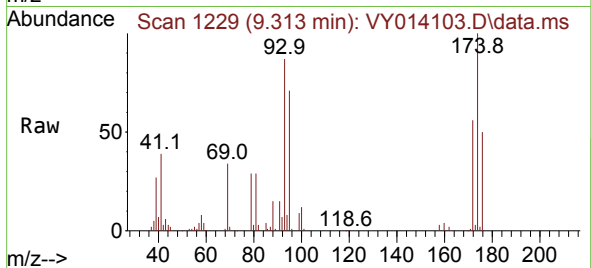




#49
1,4-Dioxane
Concen: 402.322 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.006 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

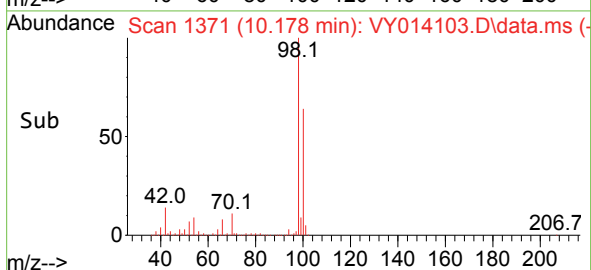
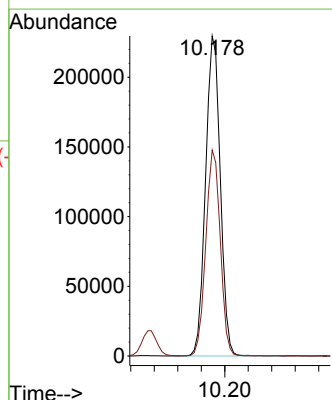
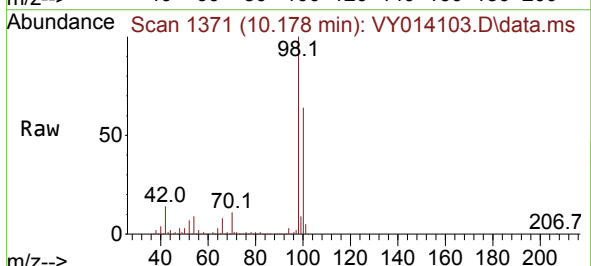
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

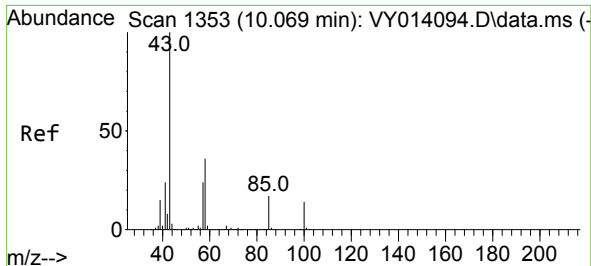
Tgt Ion: 88 Resp: 8475
Ion Ratio Lower Upper
88 100
43 27.3 0.0 0.0#
58 69.2 30.9 46.3#



#50
Toluene-d8
Concen: 46.732 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

Tgt Ion: 98 Resp: 399607
Ion Ratio Lower Upper
98 100
100 63.4 50.1 75.1

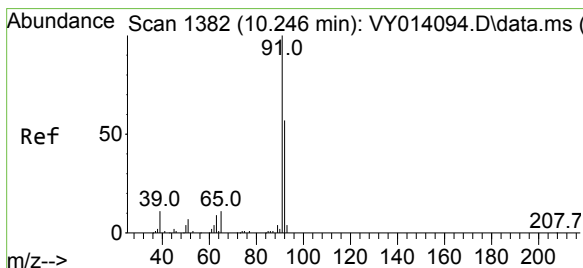
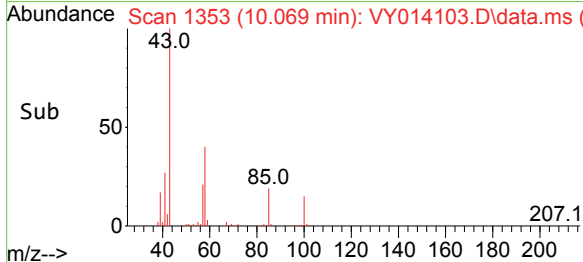
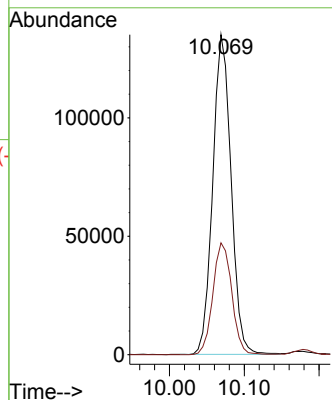
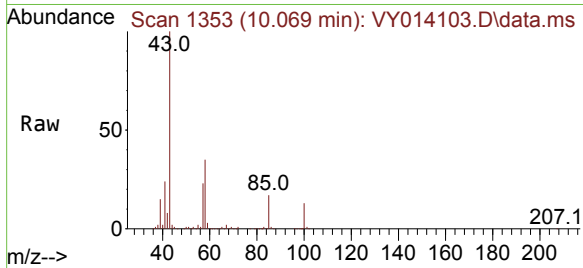




#51
4-Methyl-2-Pentanone
Concen: 98.275 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

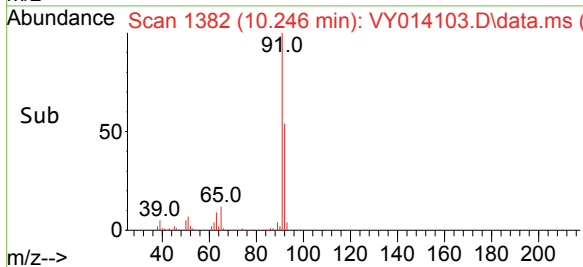
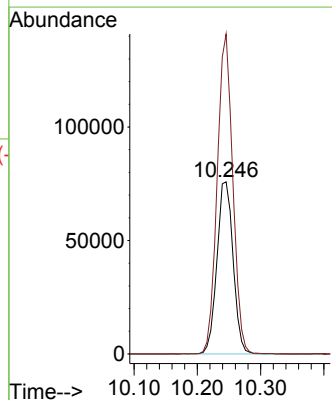
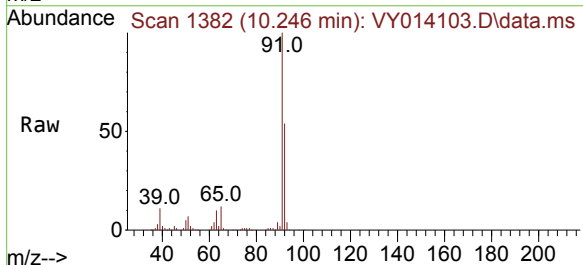
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBSD01

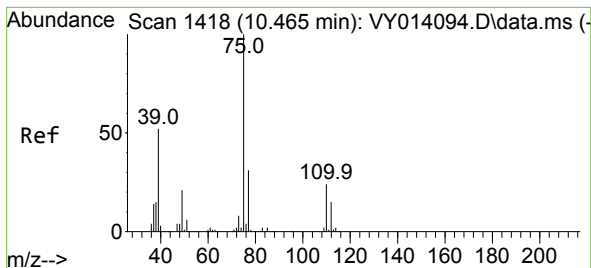
Tgt Ion: 43 Resp: 230236
Ion Ratio Lower Upper
43 100
58 36.1 29.0 43.6



#52
Toluene
Concen: 20.447 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

Tgt Ion: 92 Resp: 134400
Ion Ratio Lower Upper
92 100
91 179.1 143.8 215.6

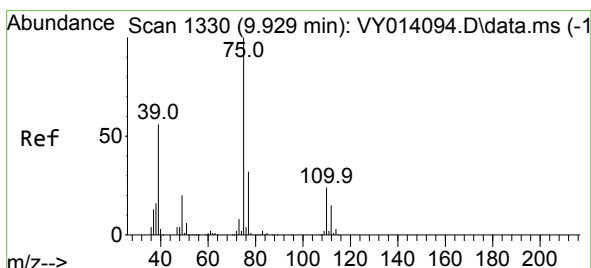
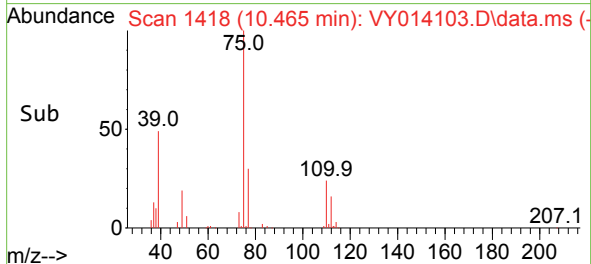
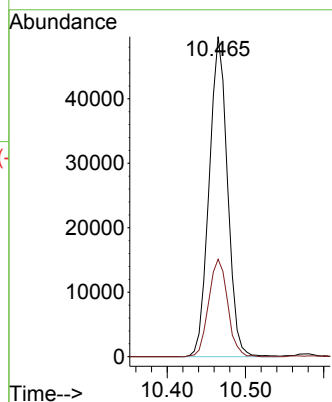
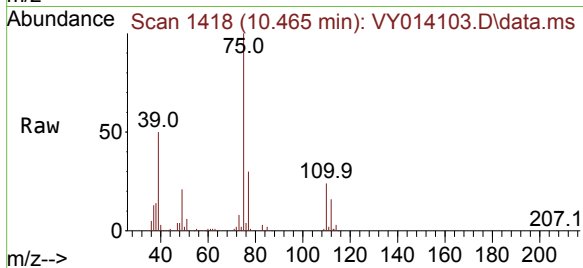




#53
 t-1,3-Dichloropropene
 Concen: 19.740 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY014103.D
 Acq: 09 Jun 2023 18:33

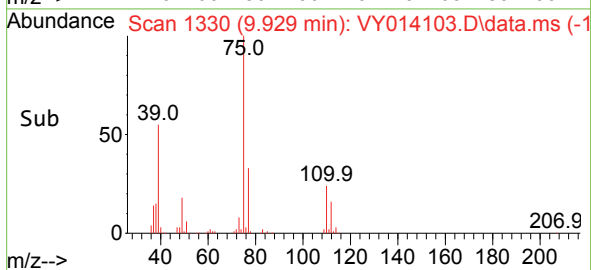
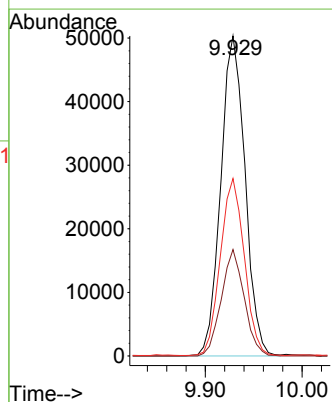
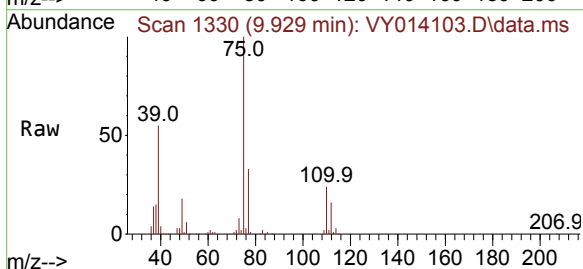
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

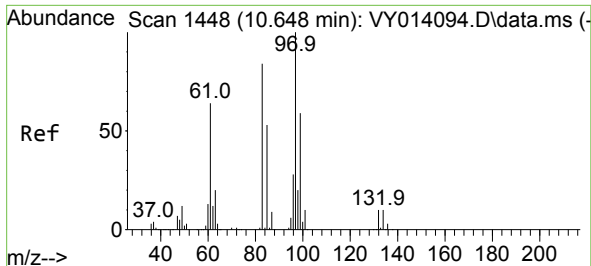
Tgt Ion: 75 Resp: 80664
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.668 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY014103.D
 Acq: 09 Jun 2023 18:33

Tgt Ion: 75 Resp: 87689
 Ion Ratio Lower Upper
 75 100
 77 33.2 24.2 36.4
 39 55.3 42.2 63.4

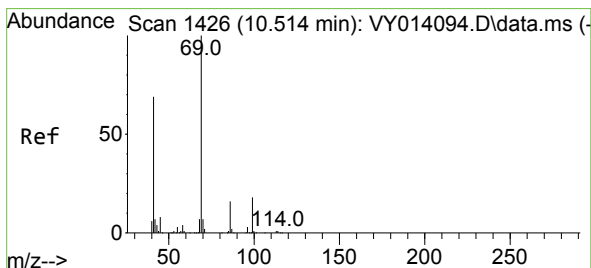
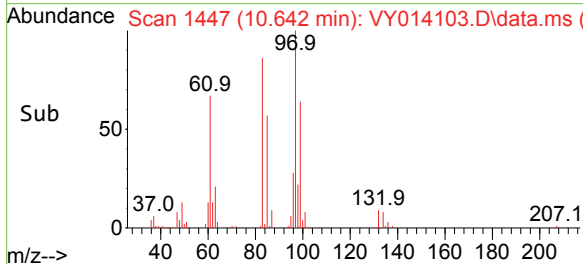
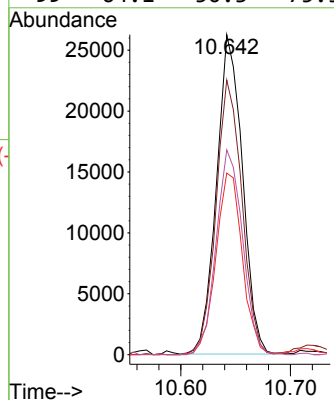
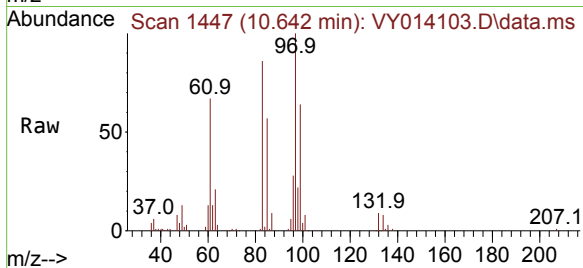




#55
1,1,2-Trichloroethane
Concen: 19.569 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

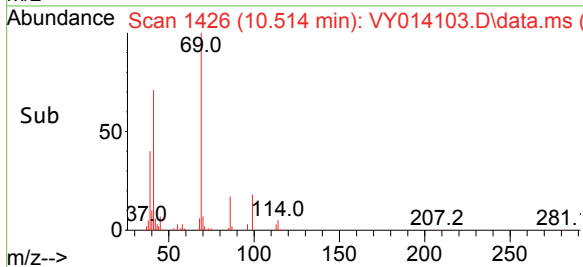
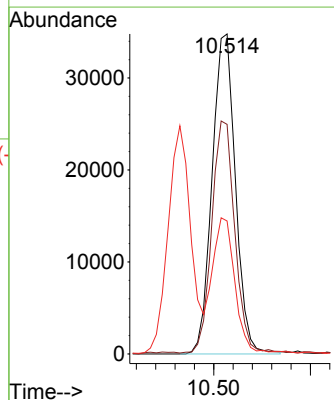
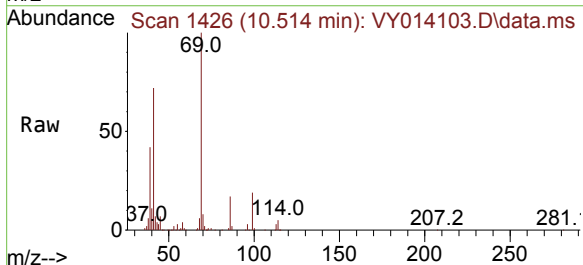
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

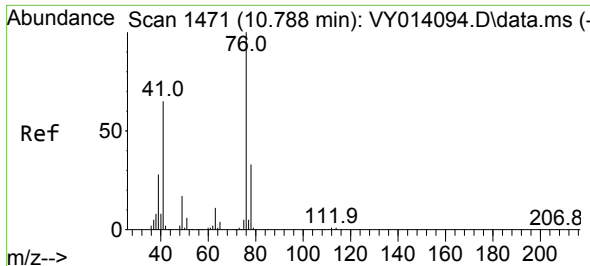
Tgt Ion:	97	Resp:	43031
Ion	Ratio	Lower	Upper
97	100		
83	86.1	72.0	108.0
85	56.9	45.4	68.0
99	64.1	50.3	75.5



#56
Ethyl methacrylate
Concen: 19.183 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

Tgt Ion:	69	Resp:	58181
Ion	Ratio	Lower	Upper
69	100		
41	71.5	57.6	86.4
39	39.6	34.1	51.1

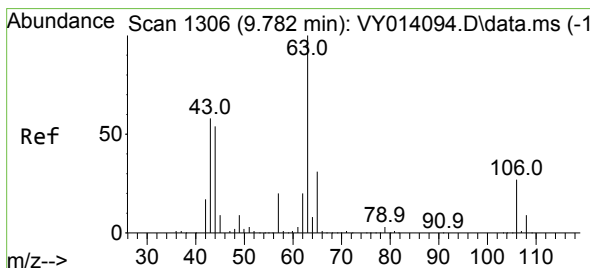
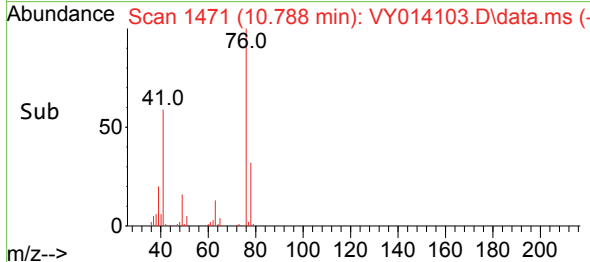
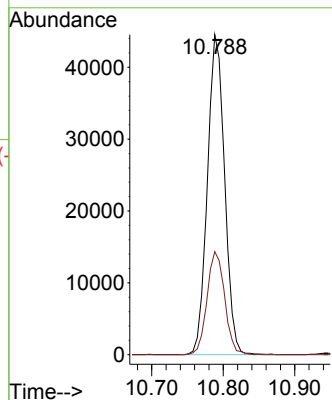
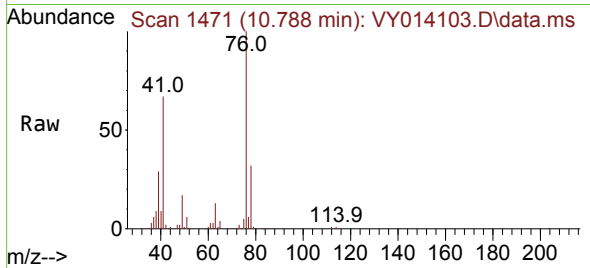




#57
1,3-Dichloropropane
Concen: 19.799 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

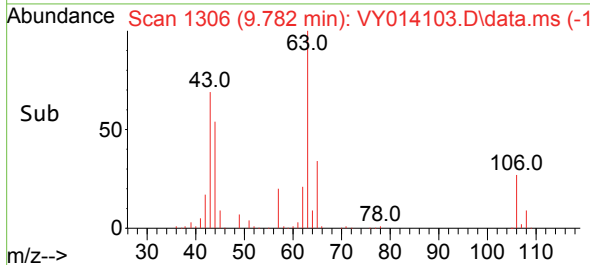
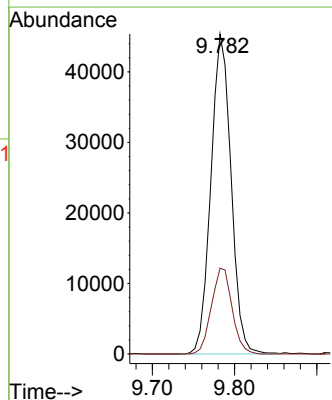
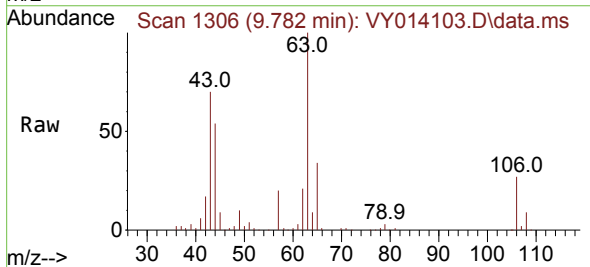
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBSD01

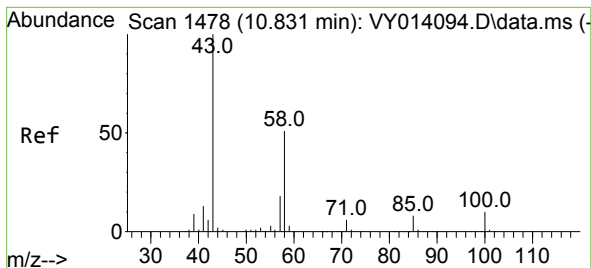
Tgt Ion: 76 Resp: 74460
Ion Ratio Lower Upper
76 100
78 33.0 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 79.098 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

Tgt Ion: 63 Resp: 77255
Ion Ratio Lower Upper
63 100
106 27.4 21.2 31.8

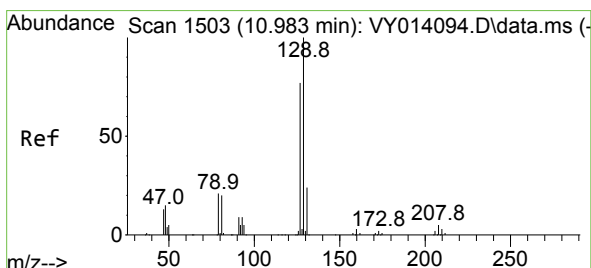
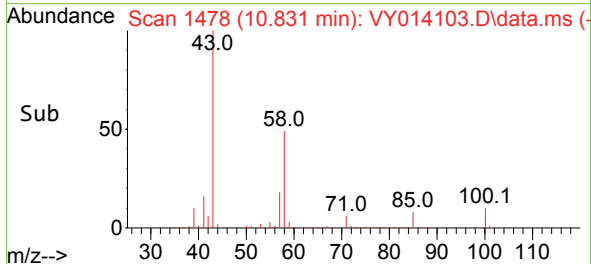
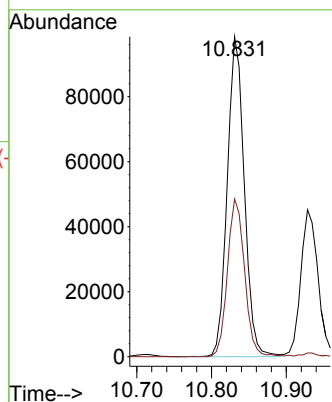
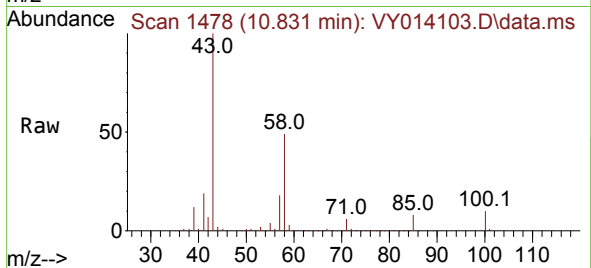




#59
2-Hexanone
Concen: 92.519 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

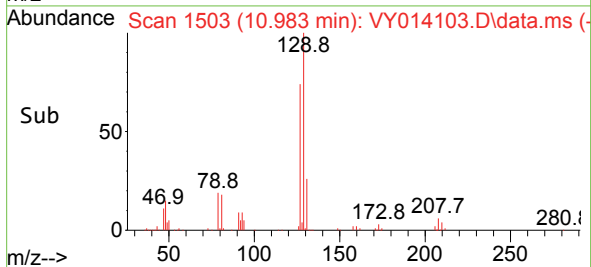
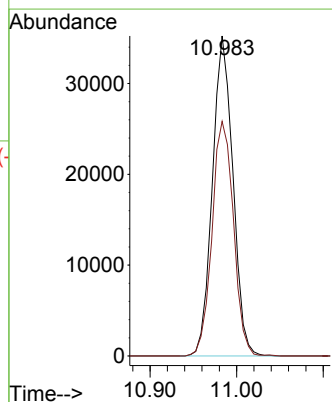
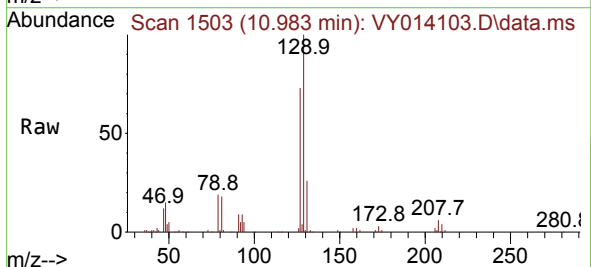
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

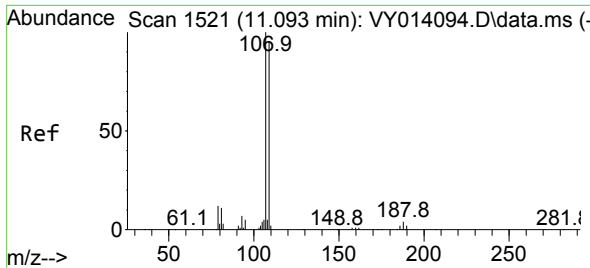
Tgt Ion: 43 Resp: 156549
Ion Ratio Lower Upper
43 100
58 49.6 25.1 75.3



#60
Dibromochloromethane
Concen: 20.565 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

Tgt Ion: 129 Resp: 57879
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5

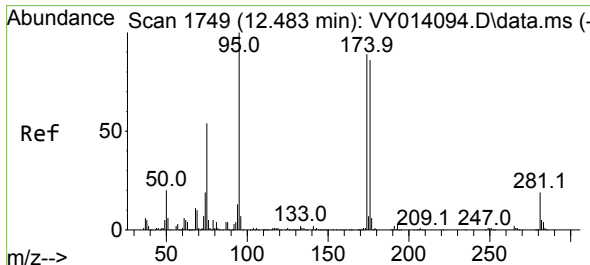
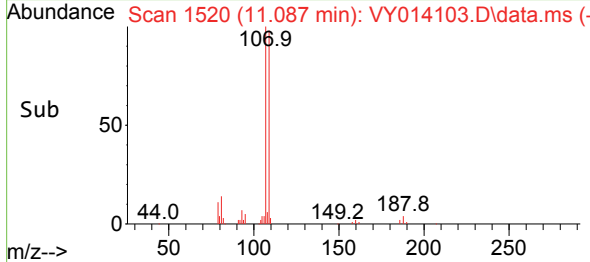
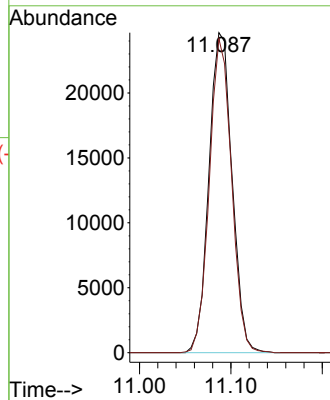
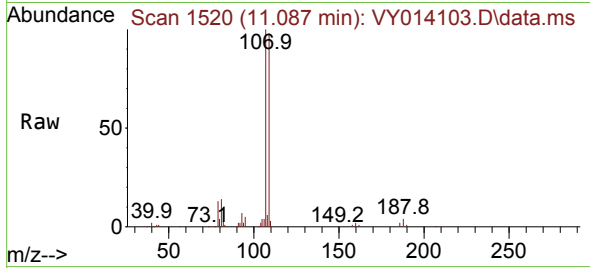




#61
1,2-Dibromoethane
Concen: 19.933 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

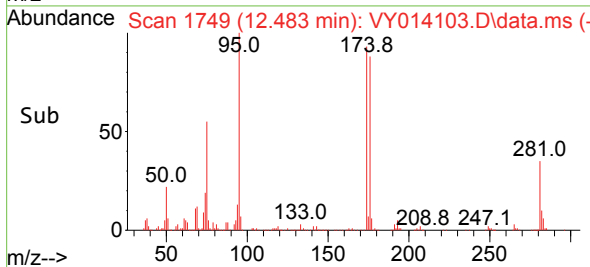
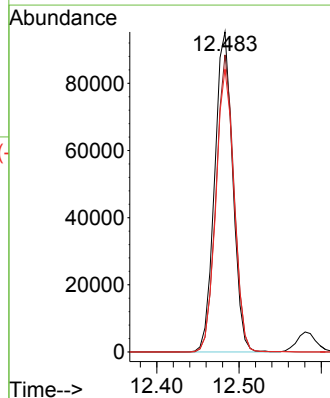
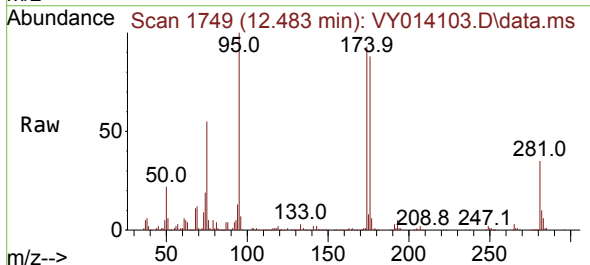
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

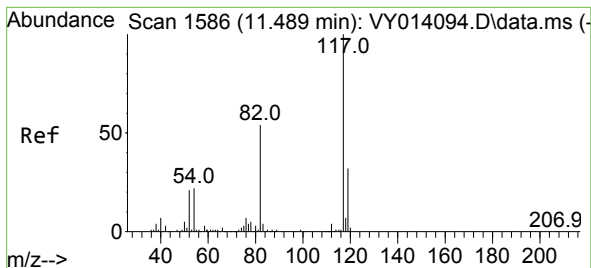
Tgt Ion:107 Resp: 43257
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.941 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

Tgt Ion: 95 Resp: 145624
Ion Ratio Lower Upper
95 100
174 91.8 0.0 178.2
176 89.1 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: VY014103.D

Acq: 09 Jun 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

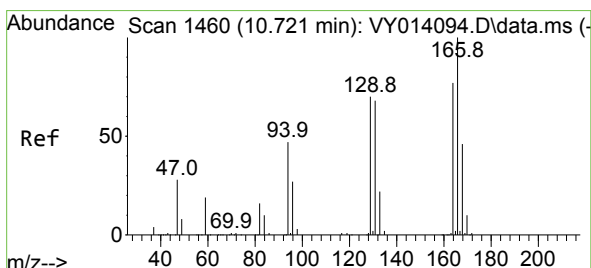
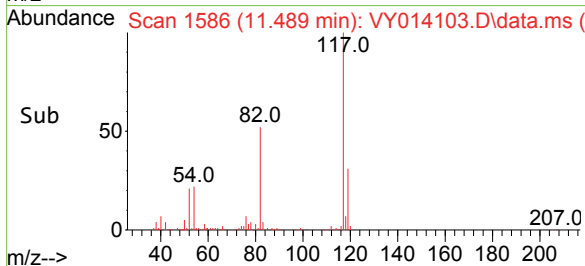
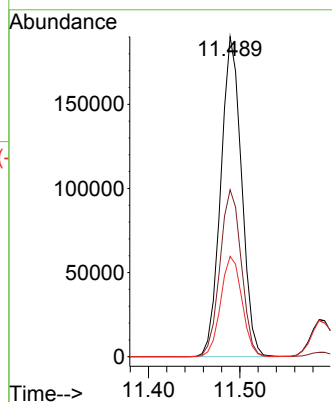
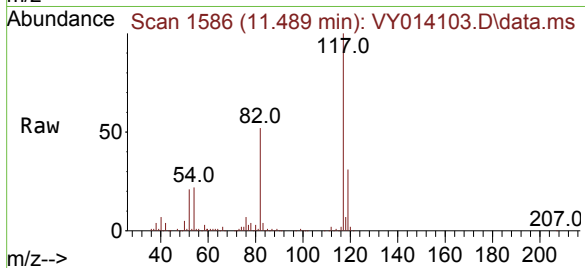
Tgt Ion:117 Resp: 300967

Ion Ratio Lower Upper

117 100

82 52.1 43.4 65.0

119 31.4 26.3 39.5



#64

Tetrachloroethene

Concen: 21.025 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

Tgt Ion:164 Resp: 53935

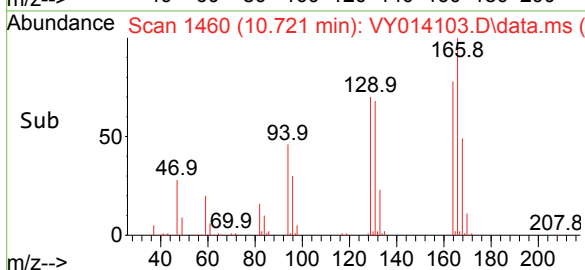
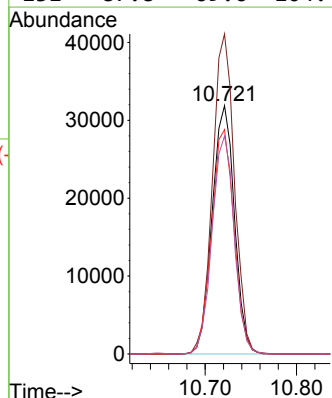
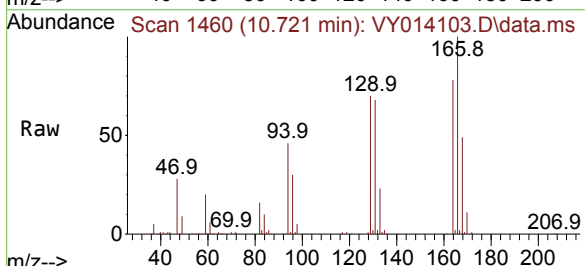
Ion Ratio Lower Upper

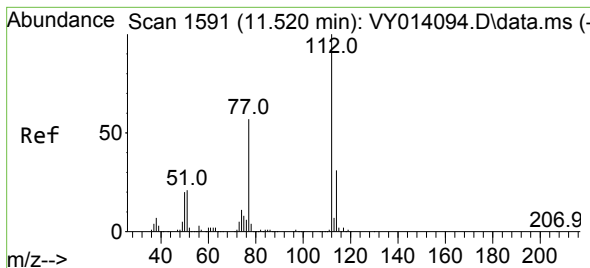
164 100

166 128.9 103.0 154.6

129 90.4 77.2 115.8

131 87.8 69.6 104.4





#65

Chlorobenzene

Concen: 20.130 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

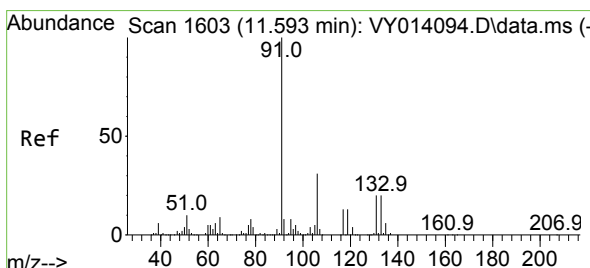
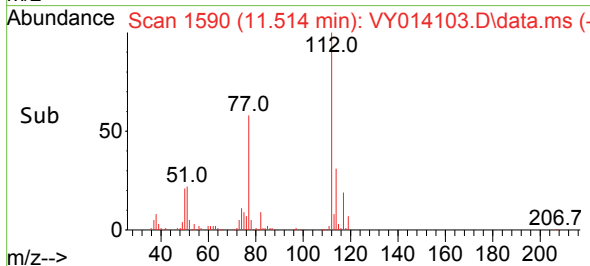
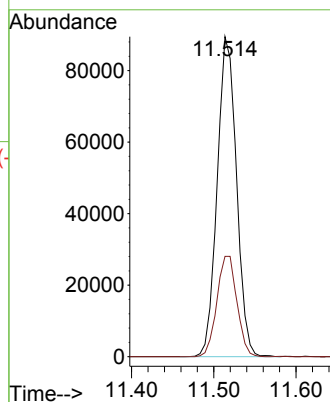
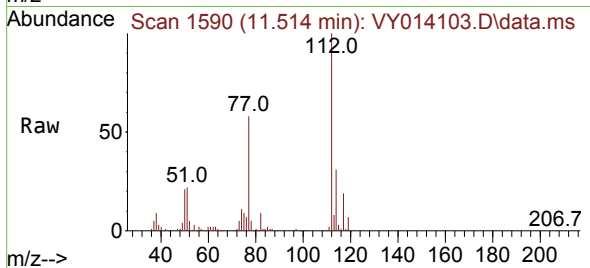
VY0609SBS01

Tgt Ion:112 Resp: 145577

Ion Ratio Lower Upper

112 100

114 31.4 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.188 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

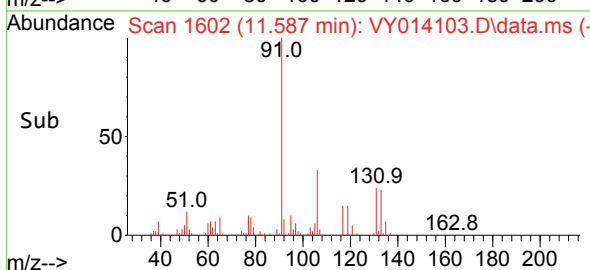
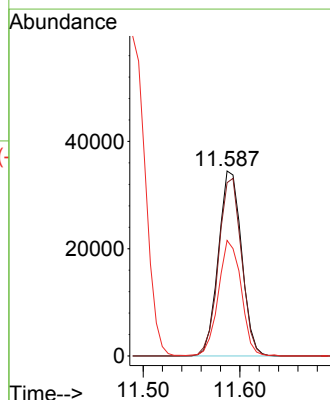
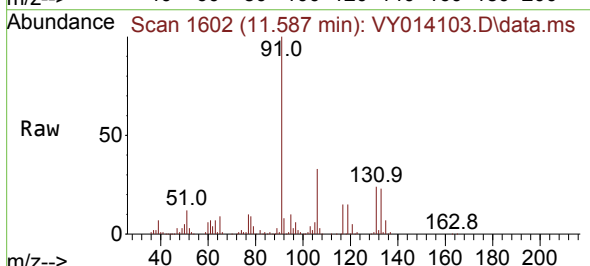
Tgt Ion:131 Resp: 57424

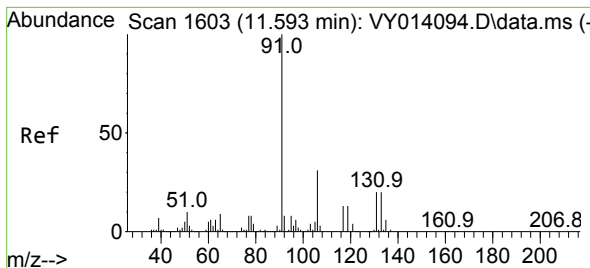
Ion Ratio Lower Upper

131 100

133 95.6 47.5 142.6

119 61.6 31.6 94.7





#67

Ethyl Benzene

Concen: 20.413 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

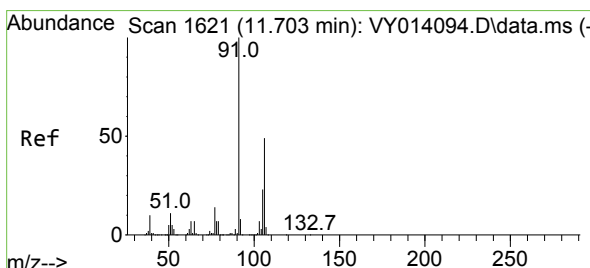
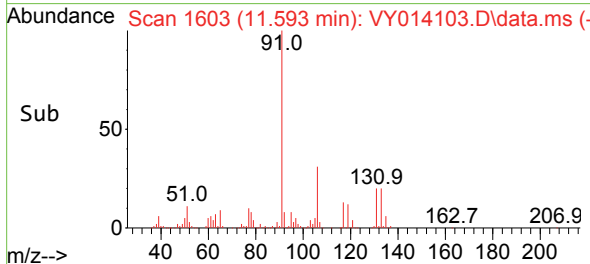
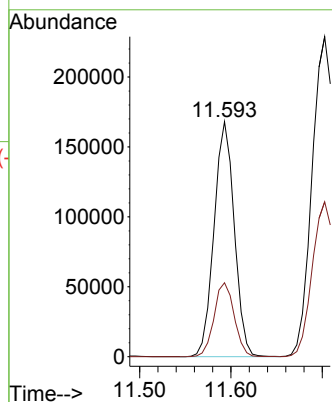
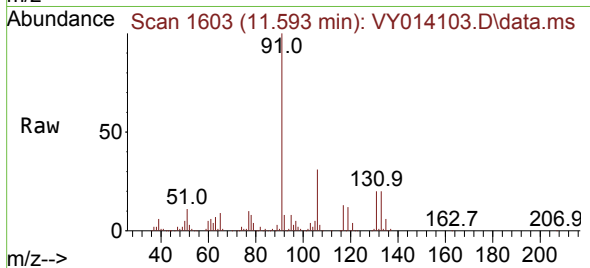
VY0609SBS01

Tgt Ion: 91 Resp: 258394

Ion Ratio Lower Upper

91 100

106 31.5 24.6 36.8



#68

m/p-Xylenes

Concen: 41.338 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014103.D

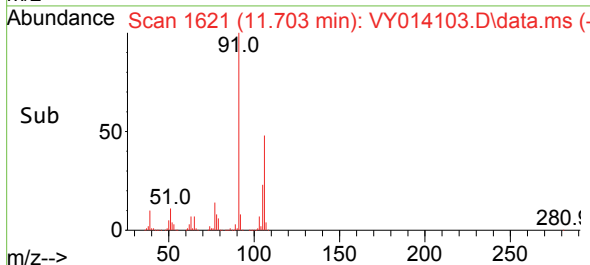
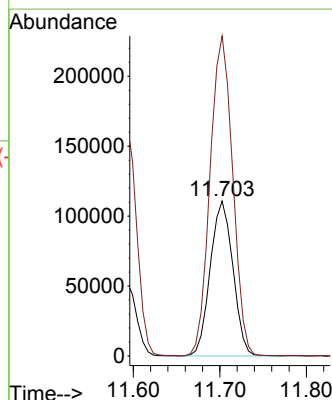
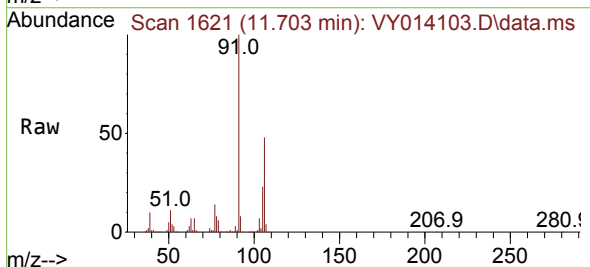
Acq: 09 Jun 2023 18:33

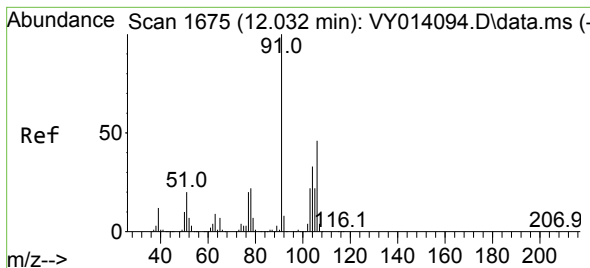
Tgt Ion: 106 Resp: 201271

Ion Ratio Lower Upper

106 100

91 206.4 166.1 249.1

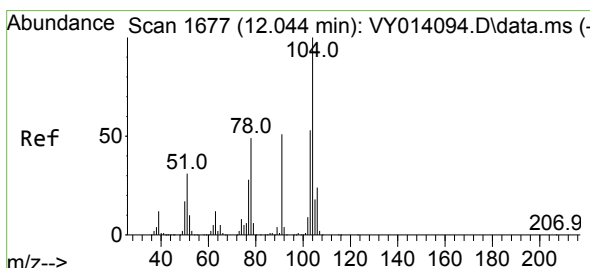
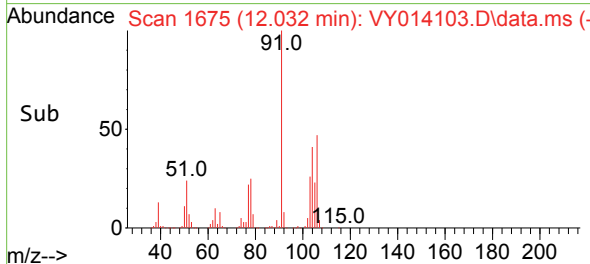
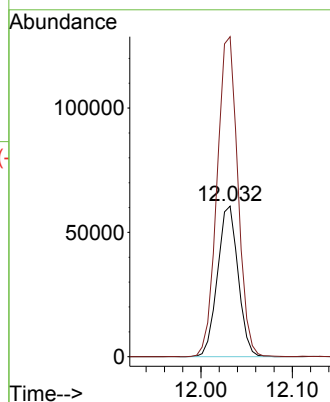
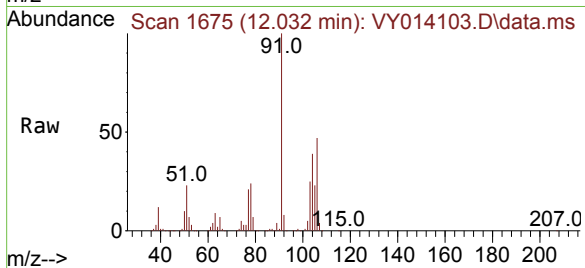




#69
o-Xylene
Concen: 20.654 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

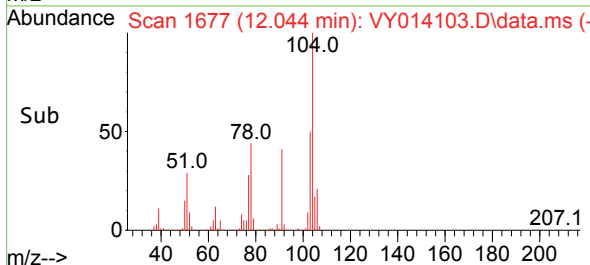
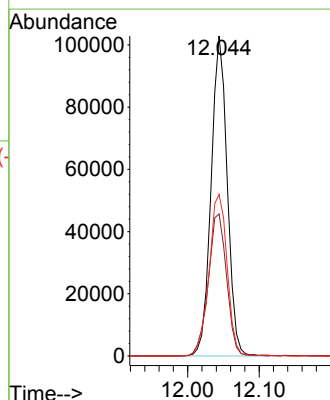
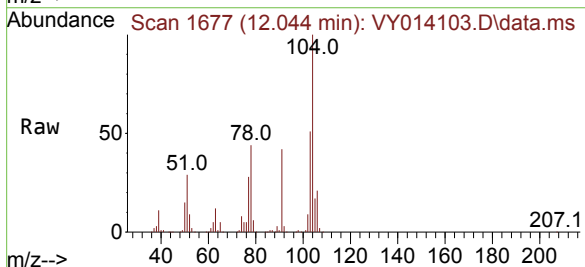
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

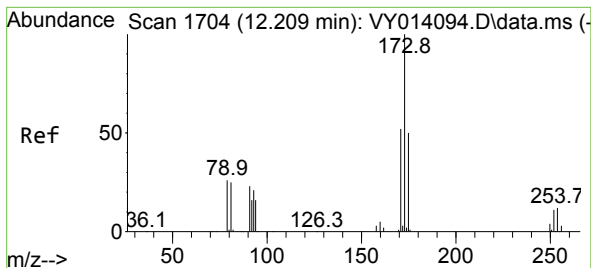
Tgt Ion:106 Resp: 95077
Ion Ratio Lower Upper
106 100
91 214.3 108.1 324.3



#70
Styrene
Concen: 20.483 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

Tgt Ion:104 Resp: 160930
Ion Ratio Lower Upper
104 100
78 50.5 41.5 62.3
103 56.6 44.6 67.0





#71

Bromoform

Concen: 20.027 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

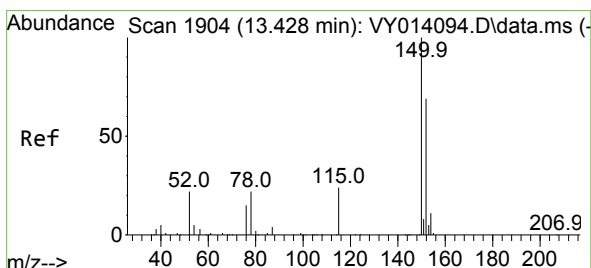
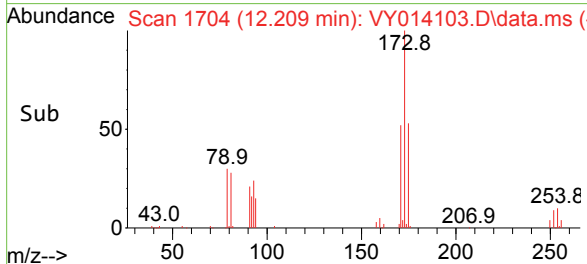
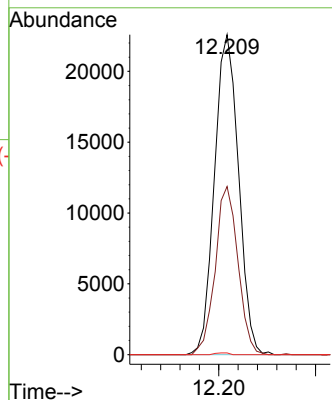
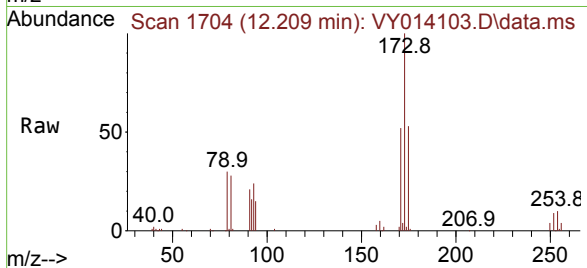
Tgt Ion:173 Resp: 39013

Ion Ratio Lower Upper

173 100

175 49.7 24.6 73.8

254 0.3 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

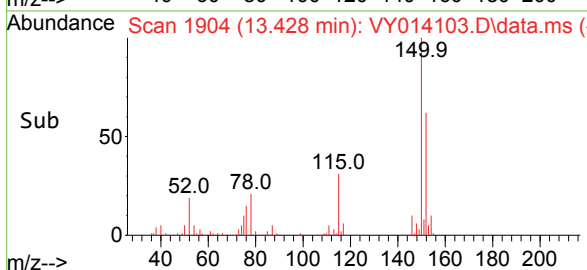
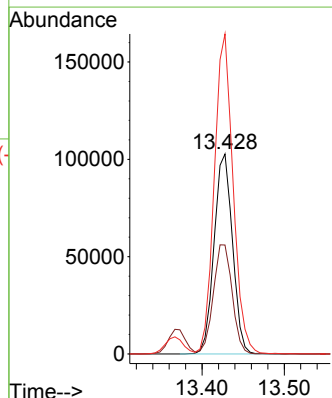
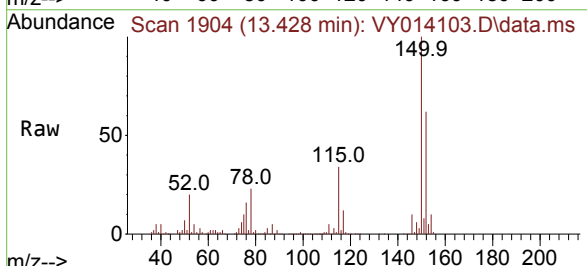
Tgt Ion:152 Resp: 159640

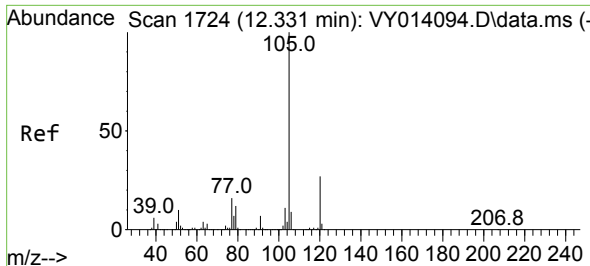
Ion Ratio Lower Upper

152 100

115 56.1 28.8 86.5

150 163.5 0.0 348.8

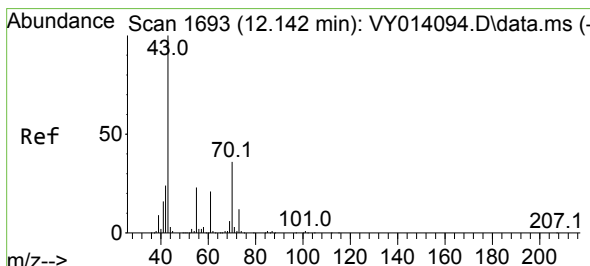
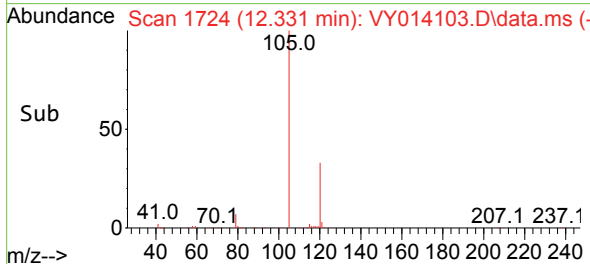
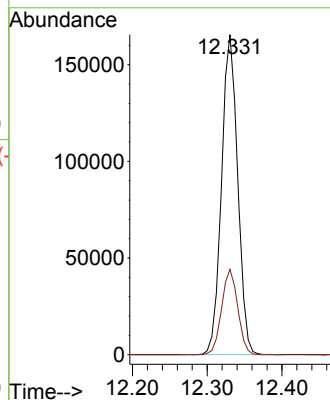
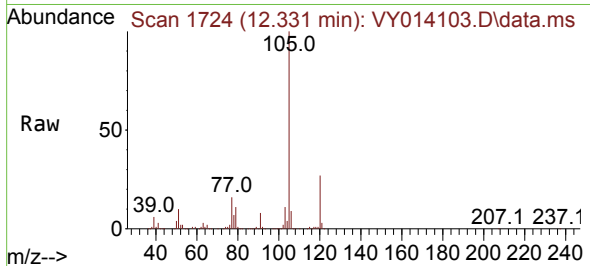




#73
Isopropylbenzene
Concen: 20.447 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

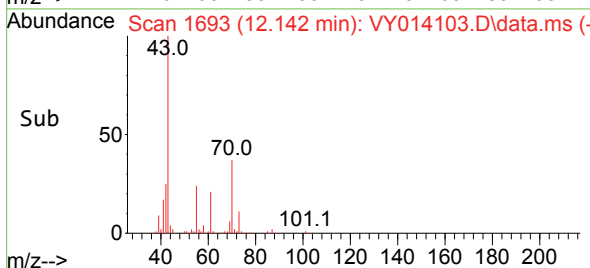
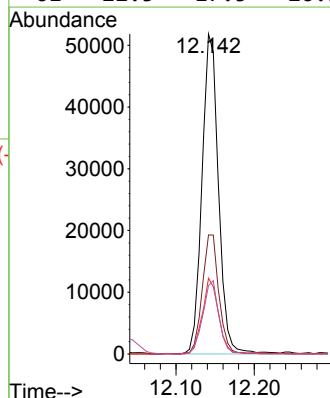
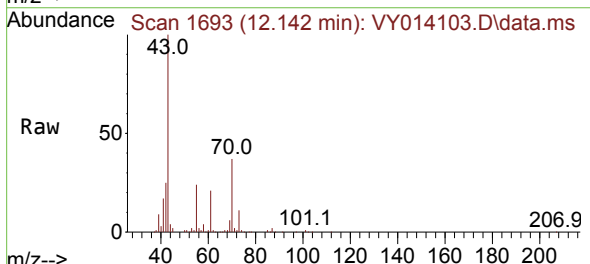
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

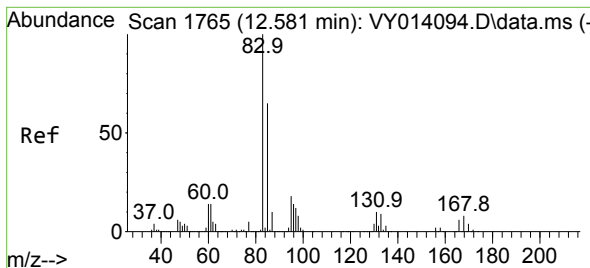
Tgt Ion:105 Resp: 249006
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9



#74
N-ethyl acetate
Concen: 19.670 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

Tgt Ion: 43 Resp: 75911
Ion Ratio Lower Upper
43 100
70 37.4 29.7 44.5
55 23.3 18.3 27.5
61 22.5 17.5 26.3

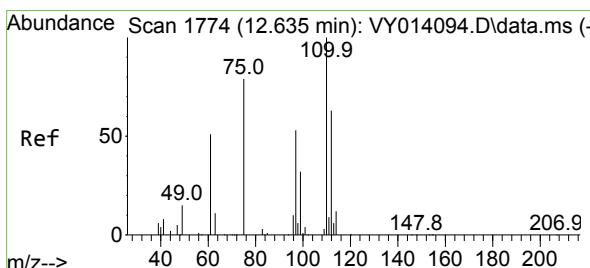
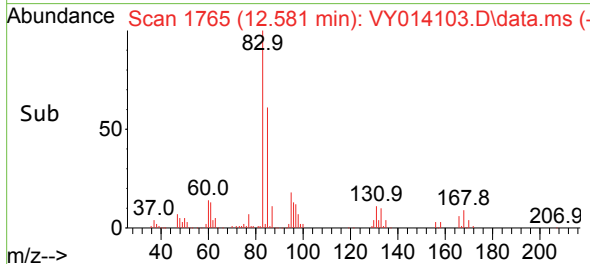
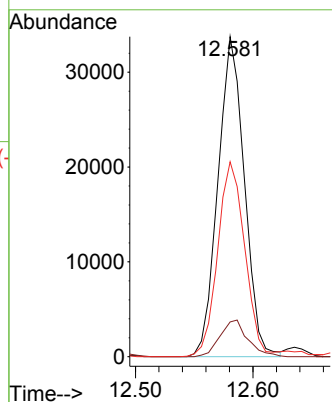
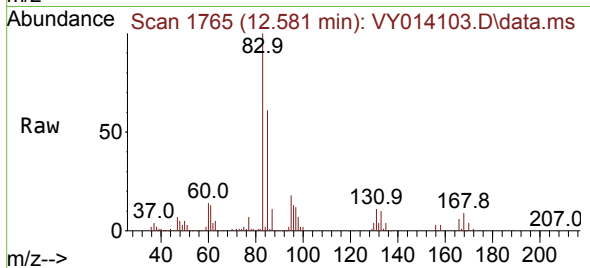




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.404 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY014103.D
 Acq: 09 Jun 2023 18:33

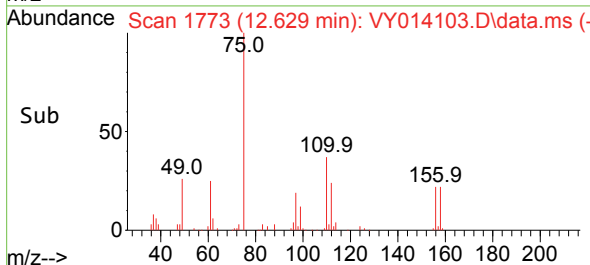
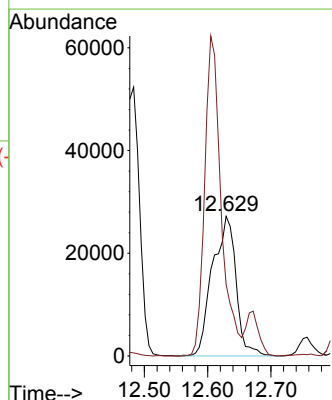
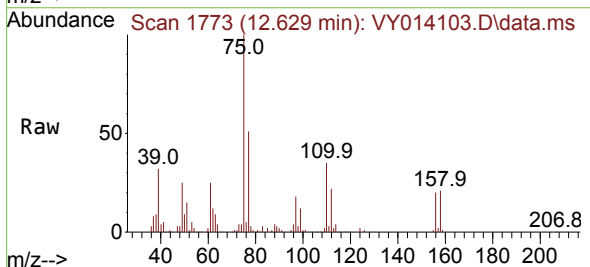
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

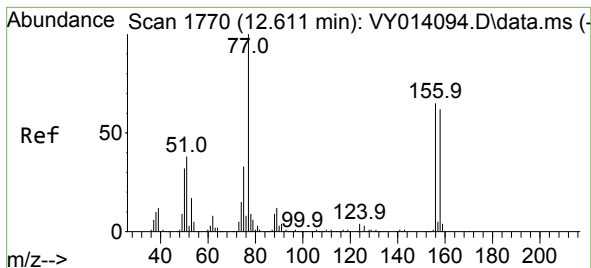
Tgt Ion: 83 Resp: 52804
 Ion Ratio Lower Upper
 83 100
 131 12.0 5.4 16.2
 85 62.3 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 33.586 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.006 min
 Lab File: VY014103.D
 Acq: 09 Jun 2023 18:33

Tgt Ion: 75 Resp: 70343
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.475 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

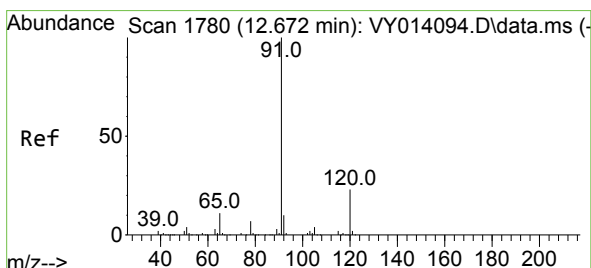
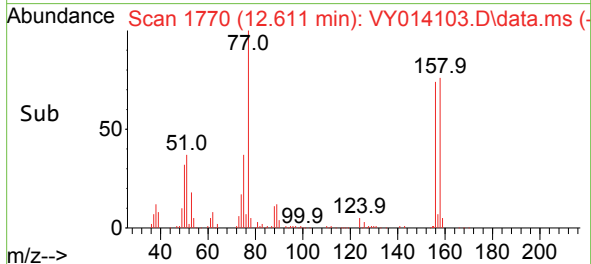
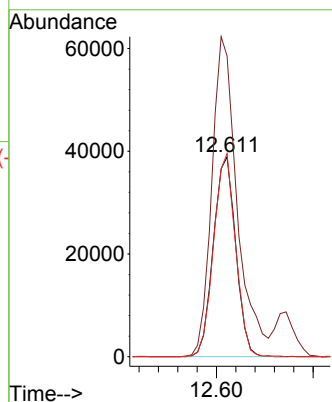
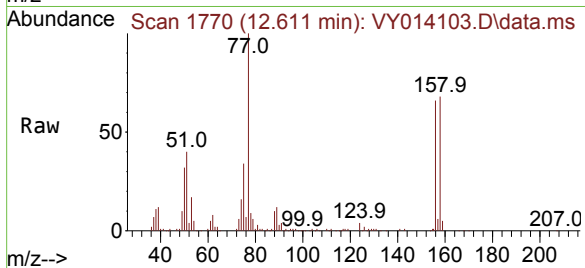
Tgt Ion:156 Resp: 62335

Ion Ratio Lower Upper

156 100

77 181.8 92.8 278.6

158 99.7 48.4 145.3



#78

n-propylbenzene

Concen: 20.545 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY014103.D

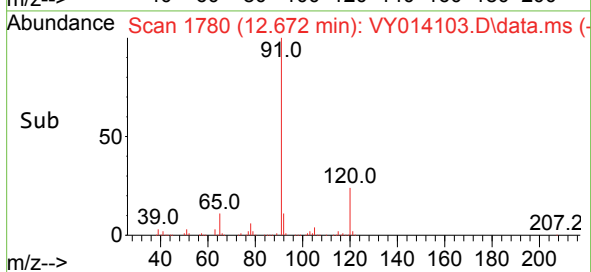
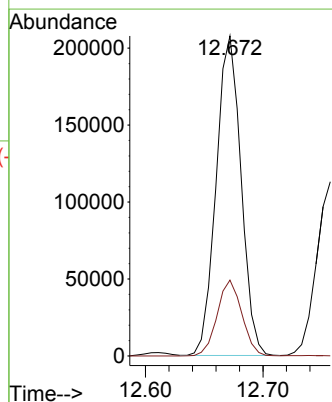
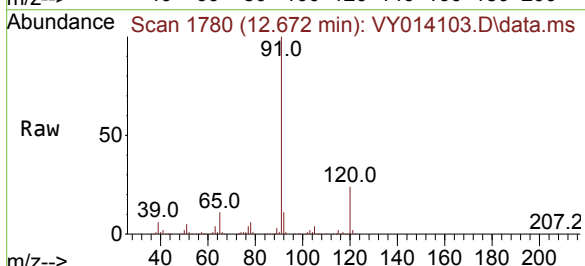
Acq: 09 Jun 2023 18:33

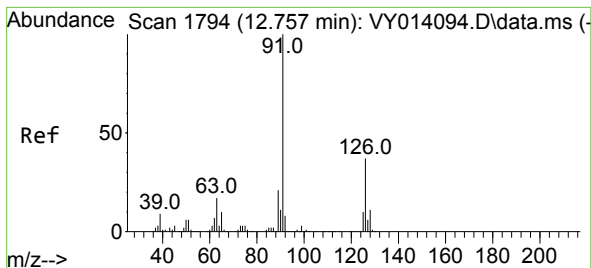
Tgt Ion: 91 Resp: 305608

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.228 ug/l

RT: 12.757 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

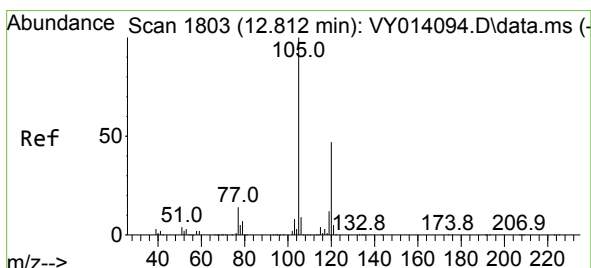
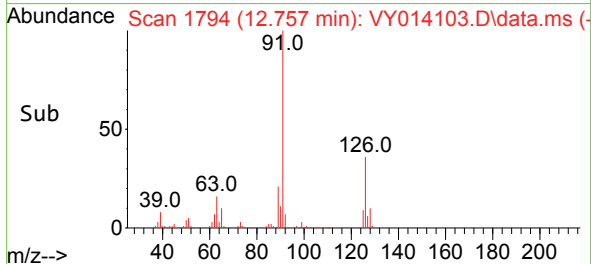
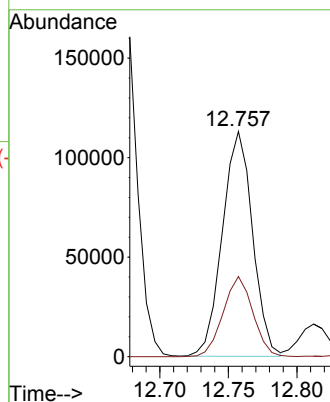
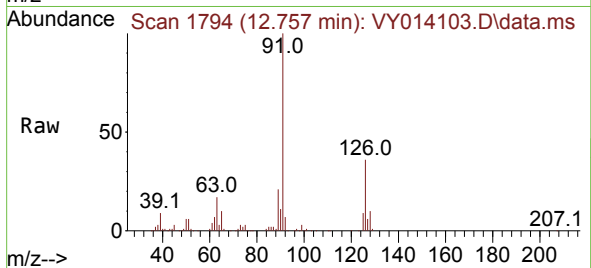
VY0609SBS01

Tgt Ion: 91 Resp: 173131

Ion Ratio Lower Upper

91 100

126 35.2 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 20.346 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY014103.D

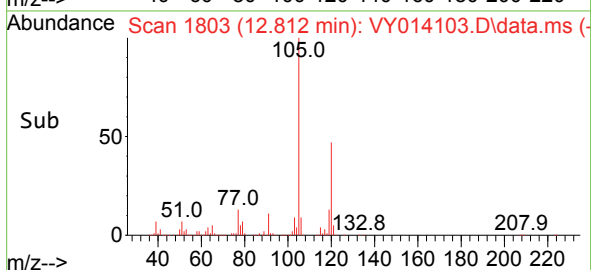
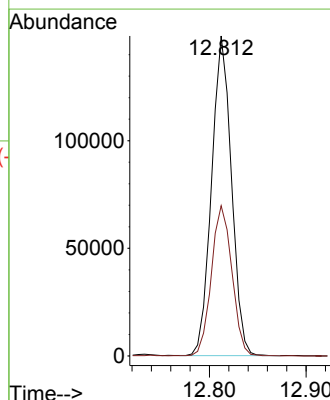
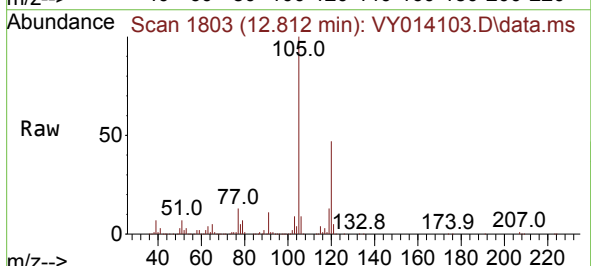
Acq: 09 Jun 2023 18:33

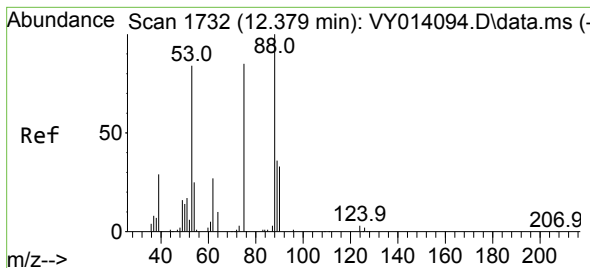
Tgt Ion:105 Resp: 212156

Ion Ratio Lower Upper

105 100

120 48.7 23.9 71.7

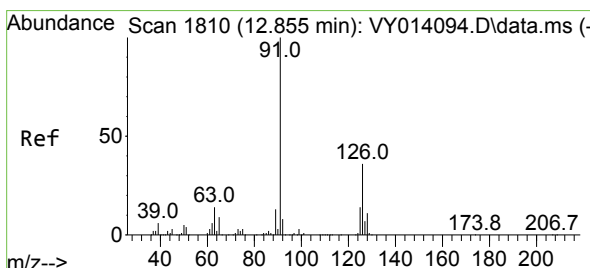
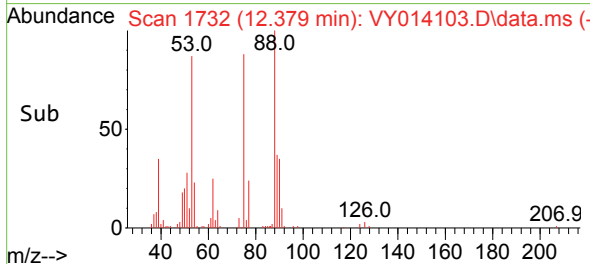
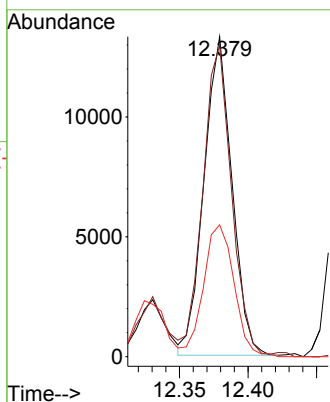
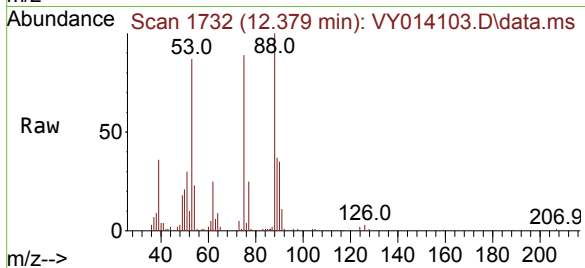




#81
trans-1,4-Dichloro-2-butene
Concen: 19.455 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

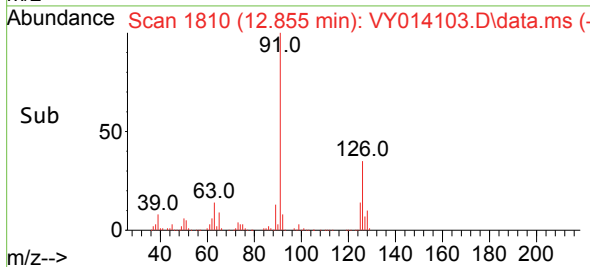
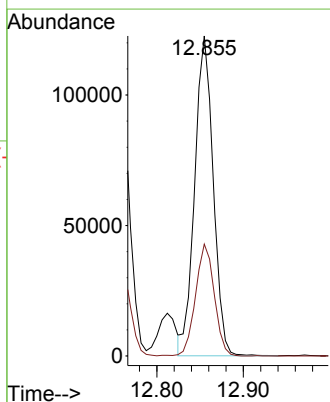
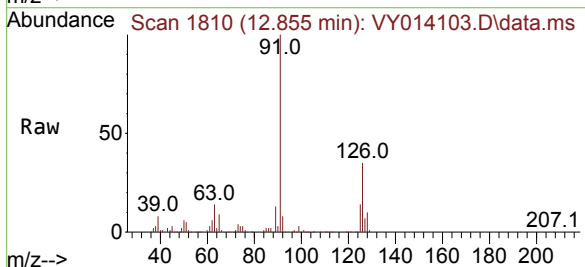
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

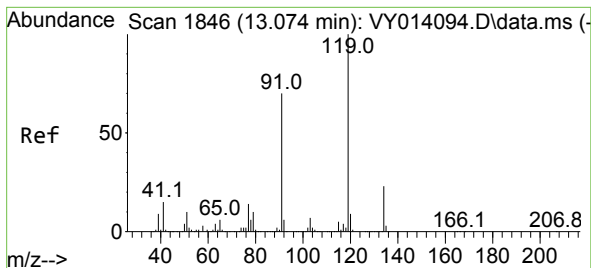
Tgt Ion: 75 Resp: 18850
Ion Ratio Lower Upper
75 100
53 98.8 77.8 116.8
89 45.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.050 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

Tgt Ion: 91 Resp: 181849
Ion Ratio Lower Upper
91 100
126 35.5 17.2 51.6

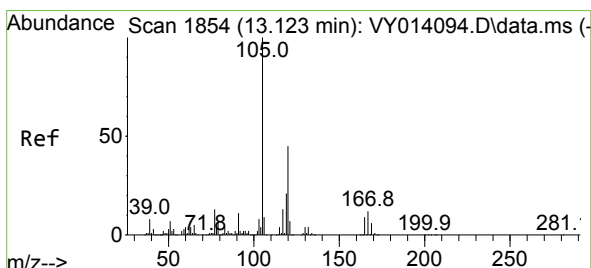
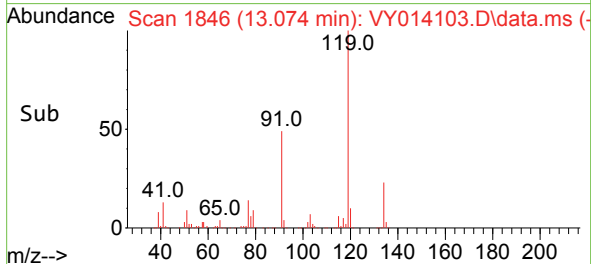
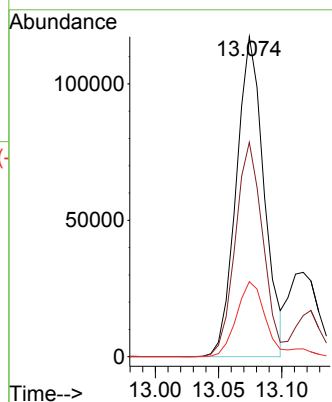
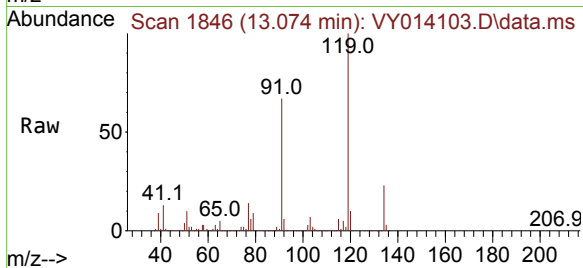




#83
tert-Butylbenzene
Concen: 20.237 ug/l
RT: 13.074 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

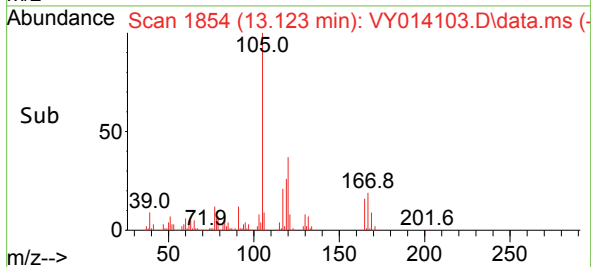
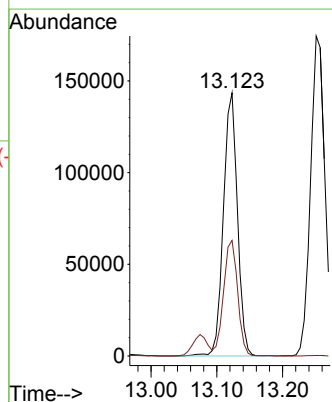
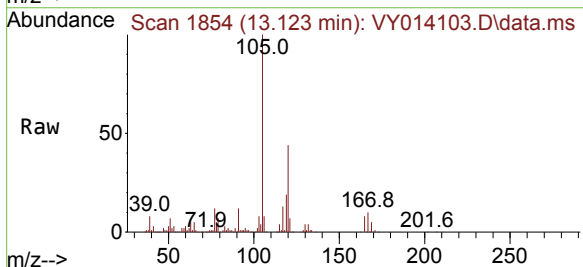
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

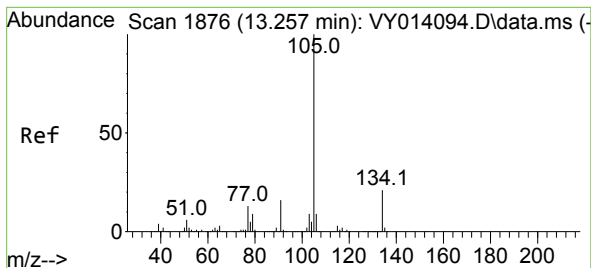
Tgt Ion:119 Resp: 179331
Ion Ratio Lower Upper
119 100
91 66.1 32.9 98.6
134 26.0 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 20.666 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

Tgt Ion:105 Resp: 213315
Ion Ratio Lower Upper
105 100
120 43.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.477 ug/l

RT: 13.251 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

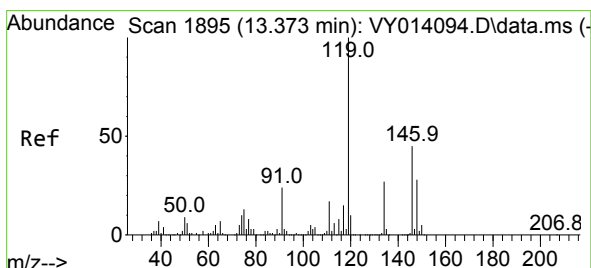
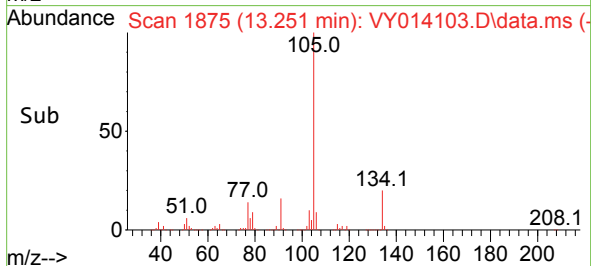
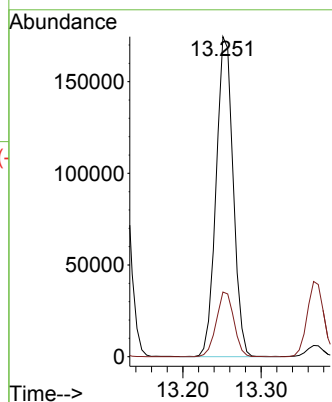
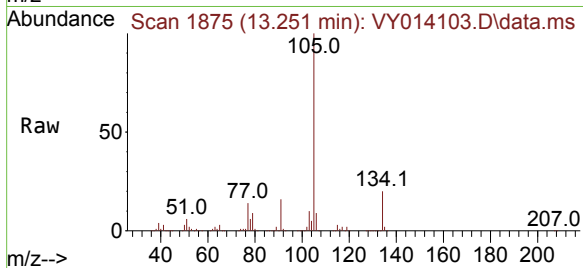
VY0609SBS01

Tgt Ion:105 Resp: 263814

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.282 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

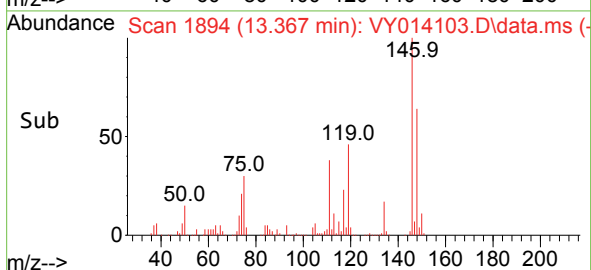
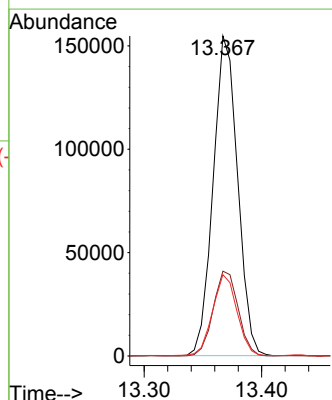
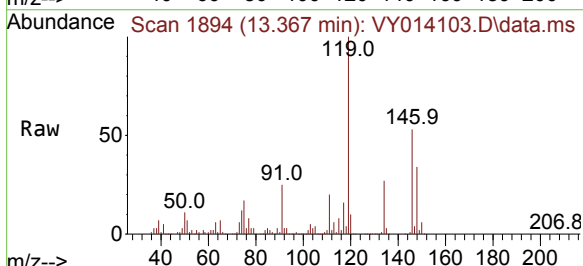
Tgt Ion:119 Resp: 223634

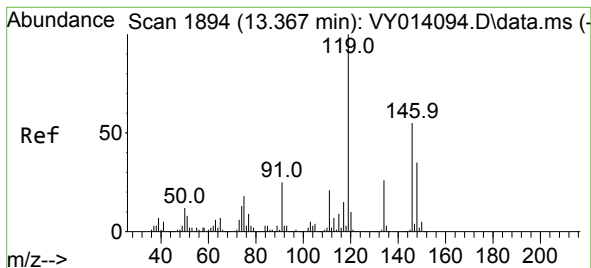
Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.8

91 25.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.245 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

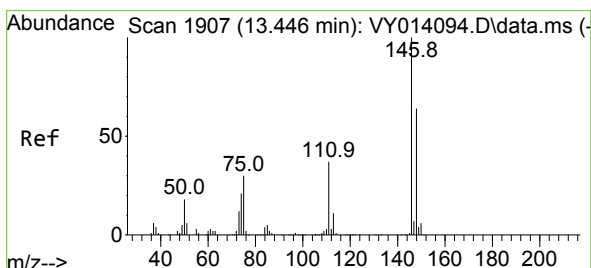
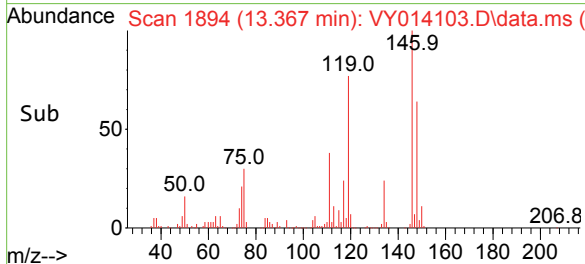
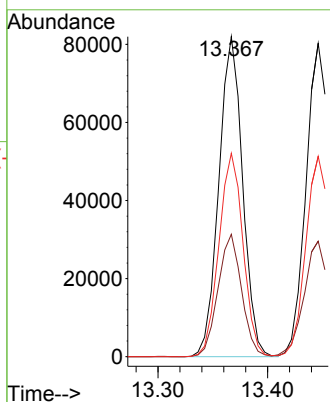
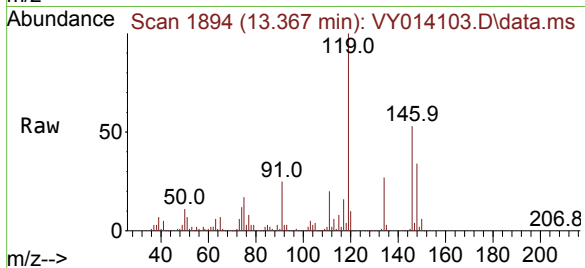
Tgt Ion:146 Resp: 123722

Ion Ratio Lower Upper

146 100

111 38.0 19.4 58.2

148 64.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.844 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

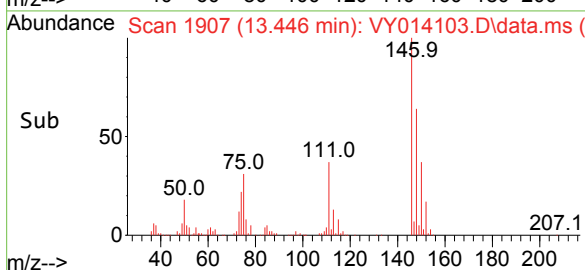
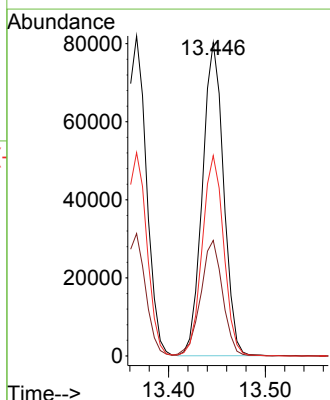
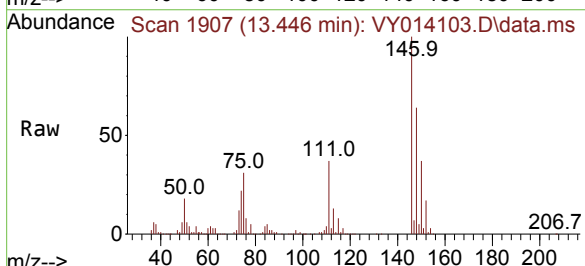
Tgt Ion:146 Resp: 122187

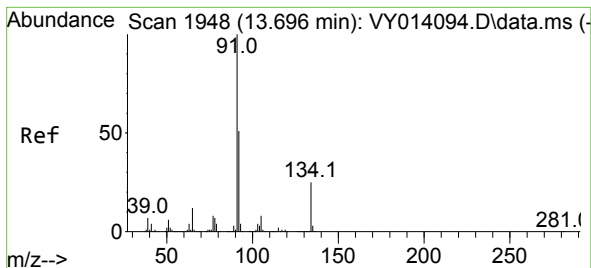
Ion Ratio Lower Upper

146 100

111 38.4 18.9 56.7

148 64.9 32.1 96.5





#89

n-Butylbenzene

Concen: 20.353 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

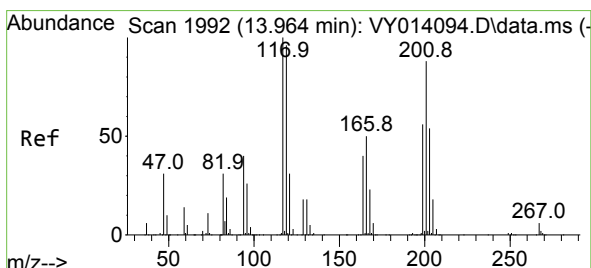
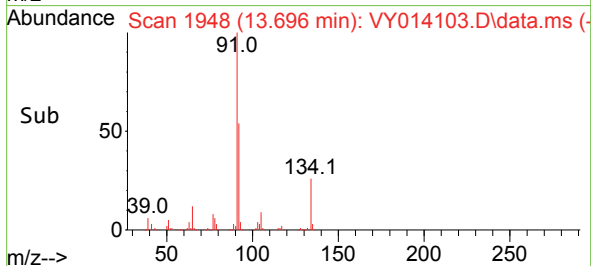
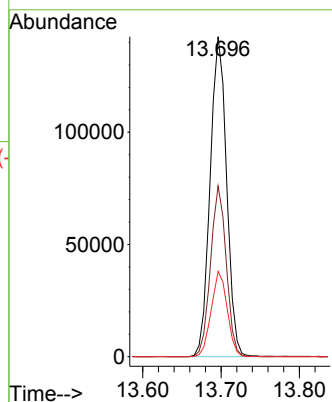
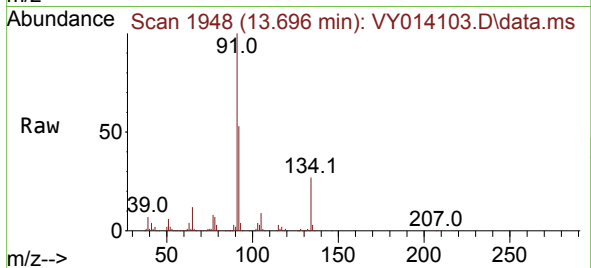
Tgt Ion: 91 Resp: 208147

Ion Ratio Lower Upper

91 100

92 50.8 25.4 76.0

134 26.0 12.6 37.6



#90

Hexachloroethane

Concen: 20.746 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.006 min

Lab File: VY014103.D

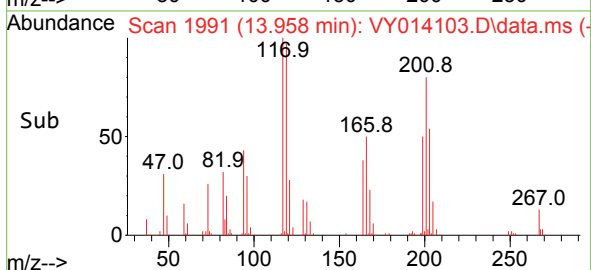
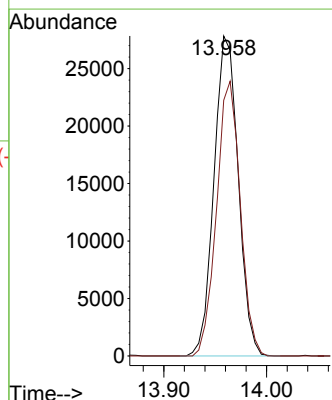
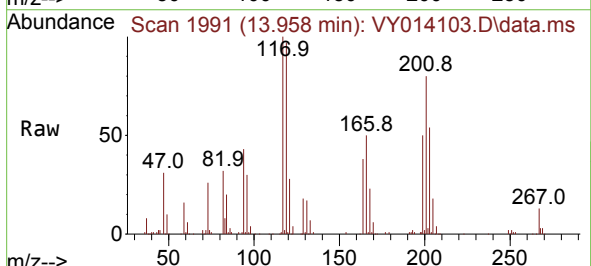
Acq: 09 Jun 2023 18:33

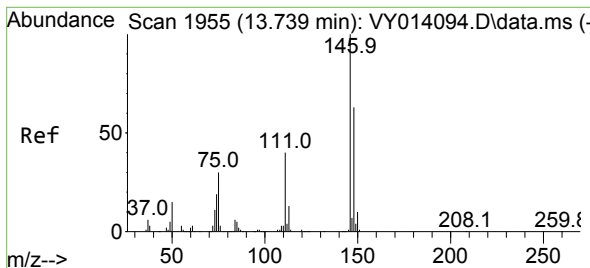
Tgt Ion: 117 Resp: 45580

Ion Ratio Lower Upper

117 100

201 84.0 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.108 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

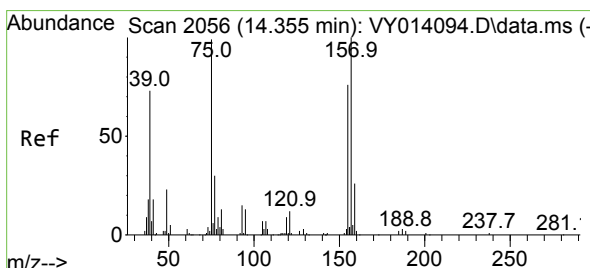
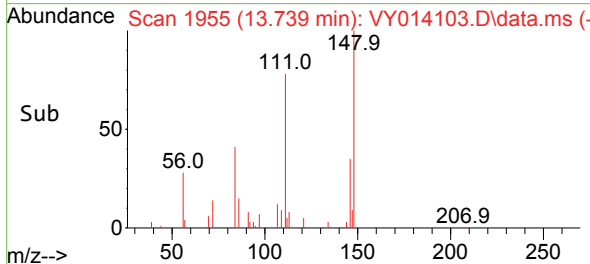
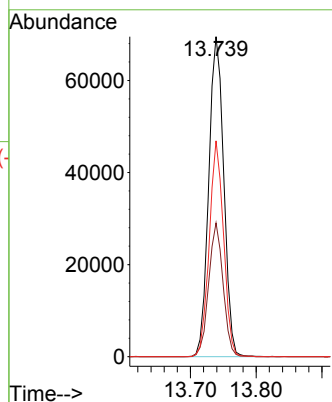
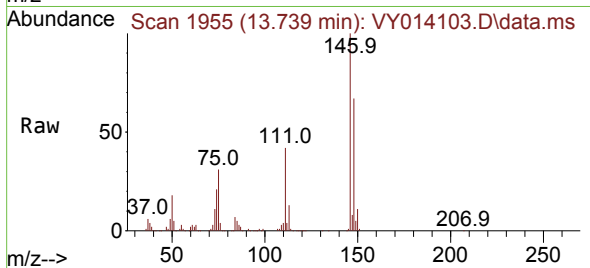
Tgt Ion:146 Resp: 110370

Ion Ratio Lower Upper

146 100

111 40.0 19.7 59.0

148 64.2 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.035 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

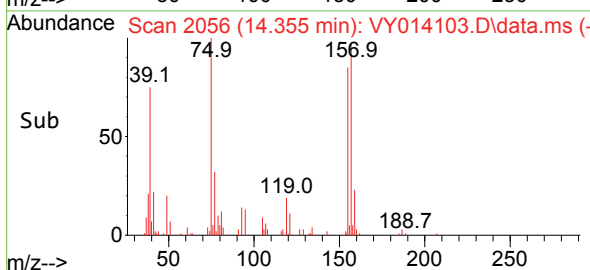
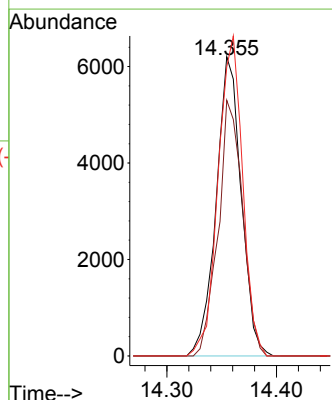
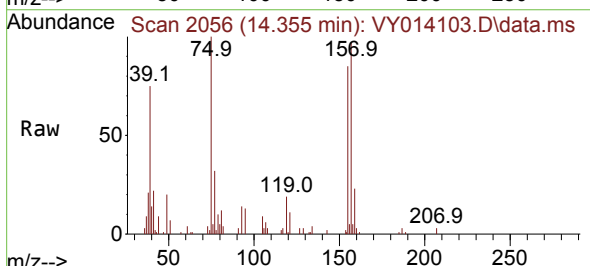
Tgt Ion: 75 Resp: 9864

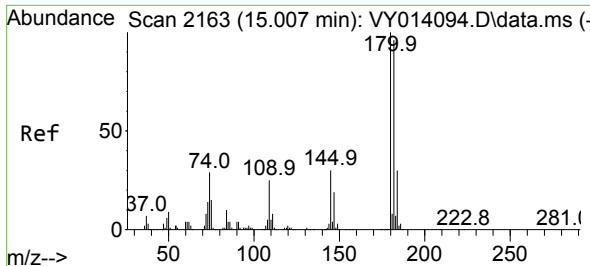
Ion Ratio Lower Upper

75 100

155 83.2 41.5 124.6

157 104.4 51.8 155.5

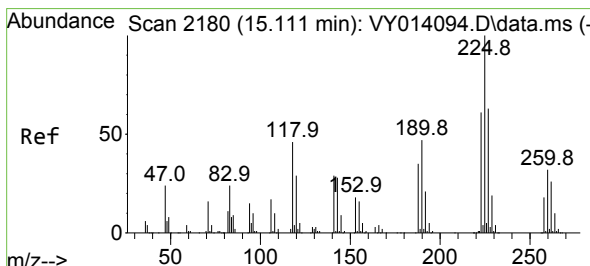
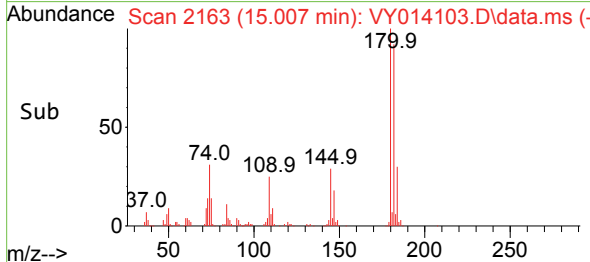
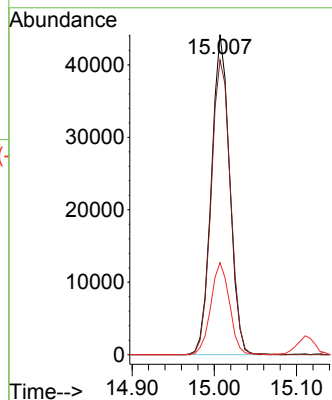
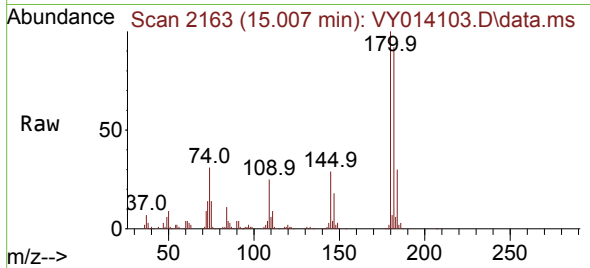




#93
1,2,4-Trichlorobenzene
Concen: 19.638 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

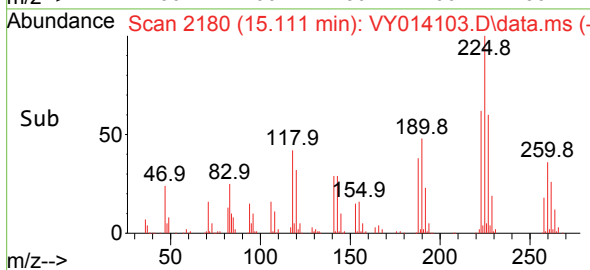
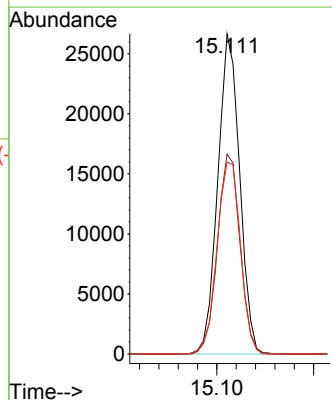
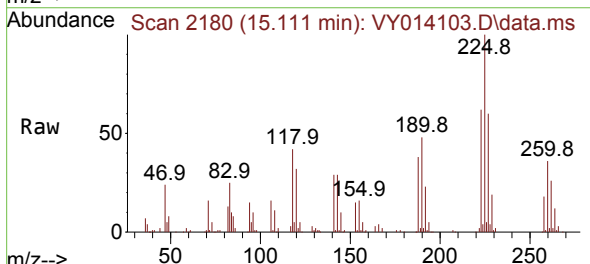
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

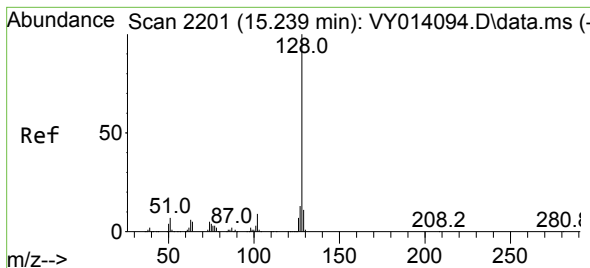
Tgt Ion:180 Resp: 68284
Ion Ratio Lower Upper
180 100
182 96.5 47.0 141.2
145 29.4 14.5 43.5



#94
Hexachlorobutadiene
Concen: 20.802 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY014103.D
Acq: 09 Jun 2023 18:33

Tgt Ion:225 Resp: 41758
Ion Ratio Lower Upper
225 100
223 64.3 31.9 95.9
227 64.3 33.0 98.9





#95

Naphthalene

Concen: 19.100 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

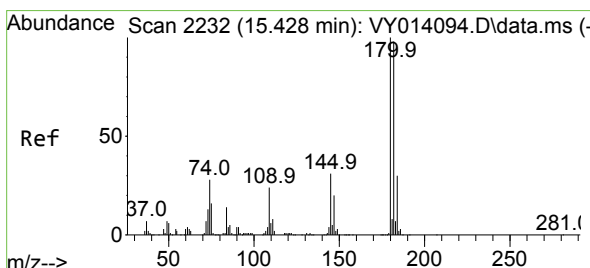
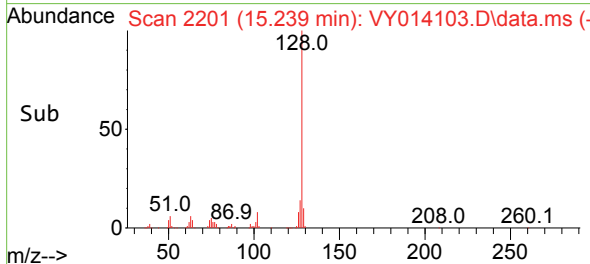
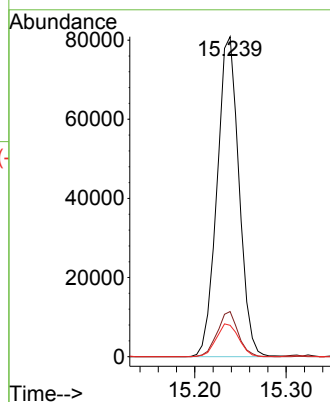
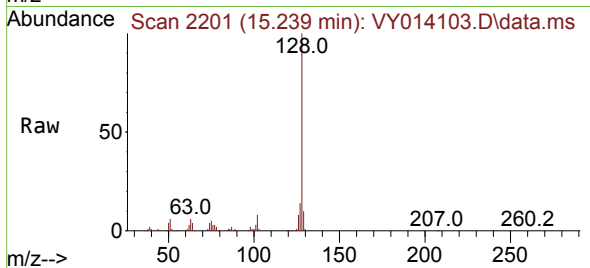
Tgt Ion:128 Resp: 134804

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.573 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY014103.D

Acq: 09 Jun 2023 18:33

Tgt Ion:180 Resp: 61497

Ion Ratio Lower Upper

180 100

182 96.7 47.3 141.8

145 31.2 15.4 46.2

