

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070723\
 Data File : VY014598.D
 Acq On : 07 Jul 2023 11:35
 Operator : KP/MD
 Sample : VY0706SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Quant Time: Jul 08 03:45:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	339317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	487085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	450566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	242791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	157059	46.529	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.060%
35) Dibromofluoromethane	7.710	113	146876	48.967	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.940%
50) Toluene-d8	10.173	98	569817	48.056	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.120%
62) 4-Bromofluorobenzene	12.477	95	197824	48.046	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	61717	22.880	ug/l	96
3) Chloromethane	2.107	50	85313	21.709	ug/l	99
4) Vinyl Chloride	2.241	62	100380	22.161	ug/l	97
5) Bromomethane	2.619	94	77387	22.033	ug/l	99
6) Chloroethane	2.778	64	62064	21.280	ug/l	99
7) Trichlorofluoromethane	3.107	101	112352	20.423	ug/l	98
8) Diethyl Ether	3.521	74	42446	20.377	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.887	101	67355	20.502	ug/l	99
10) Methyl Iodide	4.076	142	64424	17.185	ug/l	90
11) Tert butyl alcohol	4.942	59	83122	133.095	ug/l #	91
12) 1,1-Dichloroethene	3.863	96	64297	20.203	ug/l	87
13) Acrolein	3.722	56	48130	107.221	ug/l	99
14) Allyl chloride	4.466	41	89631	18.685	ug/l #	87
15) Acrylonitrile	5.149	53	110756	92.621	ug/l	99
16) Acetone	3.942	43	105919	100.480	ug/l #	87
17) Carbon Disulfide	4.180	76	191097	19.703	ug/l	99
18) Methyl Acetate	4.472	43	94273	19.646	ug/l #	91
19) Methyl tert-butyl Ether	5.216	73	166661	18.220	ug/l	98
20) Methylene Chloride	4.704	84	105041	25.011	ug/l	87
21) trans-1,2-Dichloroethene	5.210	96	65913	18.296	ug/l	96
22) Diisopropyl ether	6.112	45	179238	18.133	ug/l	90
23) Vinyl Acetate	6.051	43	526651	92.092	ug/l	95
24) 1,1-Dichloroethane	6.009	63	113153	18.235	ug/l	99
25) 2-Butanone	6.978	43	144869	92.815	ug/l	92
26) 2,2-Dichloropropane	6.972	77	97144	18.367	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	72567	17.757	ug/l	94
28) Bromochloromethane	7.325	49	53247	20.436	ug/l	86
29) Tetrahydrofuran	7.344	42	97807	97.149	ug/l	88
30) Chloroform	7.502	83	118032	18.235	ug/l	98
31) Cyclohexane	7.777	56	97574	18.425	ug/l	90
32) 1,1,1-Trichloroethane	7.697	97	101911	18.419	ug/l	98
36) 1,1-Dichloropropene	7.911	75	88983	19.372	ug/l	96
37) Ethyl Acetate	7.069	43	63316	20.099	ug/l #	92
38) Carbon Tetrachloride	7.892	117	94578	19.724	ug/l	98
39) Methylcyclohexane	9.179	83	105803	19.270	ug/l	94
40) Benzene	8.155	78	262713	18.894	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	86214	56.020	ug/l #	29
42) 1,2-Dichloroethane	8.234	62	80105	19.600	ug/l	94
43) Isopropyl Acetate	8.264	43	102773	19.251	ug/l #	91
44) Trichloroethene	8.935	130	74800	19.296	ug/l	94
45) 1,2-Dichloropropane	9.215	63	68411	19.179	ug/l	98
46) Dibromomethane	9.301	93	44058	20.289	ug/l	96
47) Bromodichloromethane	9.490	83	91862	19.199	ug/l	99
48) Methyl methacrylate	9.289	41	46750	19.257	ug/l #	81
49) 1,4-Dioxane	9.289	88	15565	401.399	ug/l #	46
51) 4-Methyl-2-Pentanone	10.063	43	317498	100.457	ug/l	90
52) Toluene	10.240	92	163552	18.692	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	96646	18.889	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	108398	18.988	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	61733	19.537	ug/l	98
56) Ethyl methacrylate	10.502	69	81134	18.876	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	100076	19.438	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	221874	106.552	ug/l	97
59) 2-Hexanone	10.831	43	231231	101.282	ug/l	89
60) Dibromochloromethane	10.983	129	72829	19.670	ug/l	99
61) 1,2-Dibromoethane	11.087	107	60671	19.667	ug/l	99
64) Tetrachloroethene	10.715	164	81674	20.278	ug/l	94
65) Chlorobenzene	11.514	112	181556	18.908	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	70035	19.190	ug/l	98
67) Ethyl Benzene	11.587	91	306878	18.741	ug/l	100
68) m/p-Xylenes	11.697	106	239262	36.837	ug/l	97
69) o-Xylene	12.026	106	113776	18.469	ug/l	95
70) Styrene	12.038	104	197855	18.668	ug/l	97
71) Bromoform	12.203	173	55617	20.060	ug/l #	98
73) Isopropylbenzene	12.325	105	300216	18.880	ug/l	99
74) N-amyl acetate	12.142	43	94730	19.739	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.575	83	80688	19.774	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	103457	36.313	ug/l #	100
77) Bromobenzene	12.605	156	81913	18.861	ug/l	96
78) n-propylbenzene	12.666	91	368543	19.000	ug/l	99
79) 2-Chlorotoluene	12.751	91	211651	18.961	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	255861	19.007	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	28300	19.334	ug/l	87
82) 4-Chlorotoluene	12.849	91	220829	18.883	ug/l	96
83) tert-Butylbenzene	13.074	119	221039	18.684	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	251342	18.711	ug/l	96
85) sec-Butylbenzene	13.251	105	336108	19.253	ug/l	99
86) p-Isopropyltoluene	13.367	119	278627	18.965	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	161618	19.033	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	161123	18.933	ug/l	100
89) n-Butylbenzene	13.696	91	262035	19.300	ug/l	99
90) Hexachloroethane	13.958	117	57143	19.636	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	145347	18.897	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14963	20.029	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	94968	19.116	ug/l	99
94) Hexachlorobutadiene	15.105	225	63101	20.666	ug/l	98
95) Naphthalene	15.233	128	195821	18.526	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	86922	19.202	ug/l	97

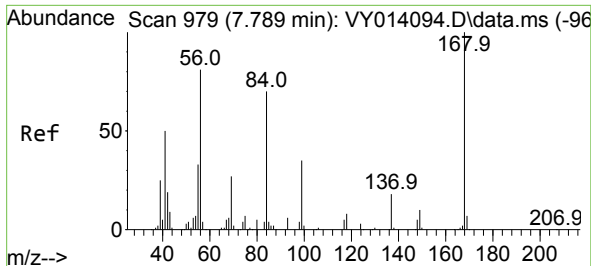
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Response via : Initial Calibration

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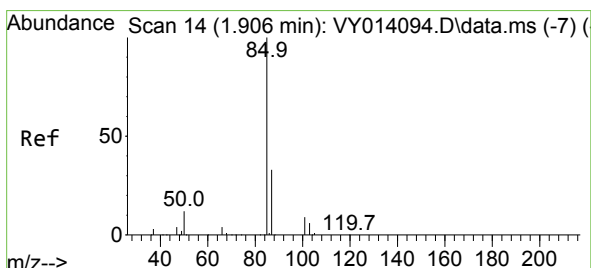
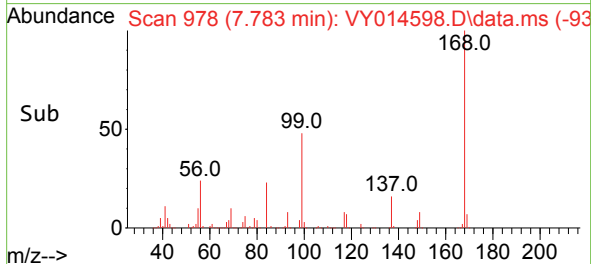
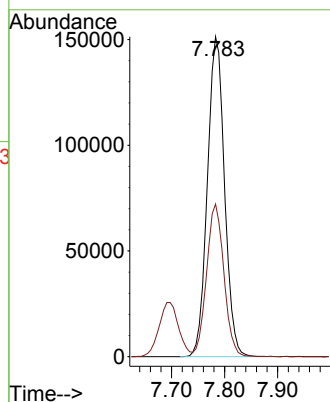
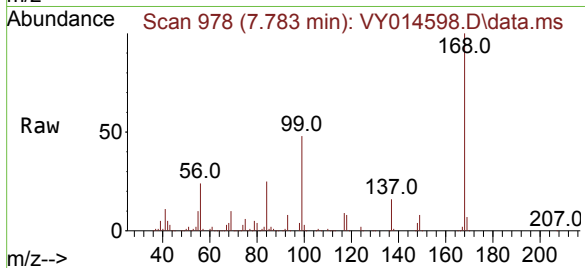
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

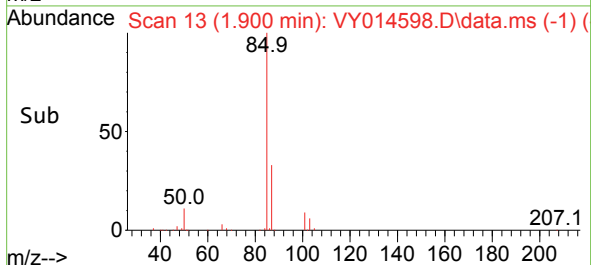
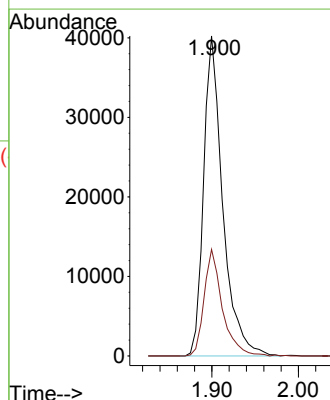
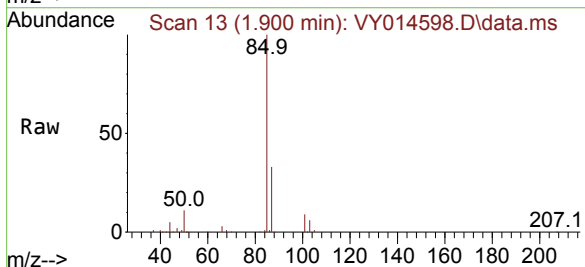
Instrument :
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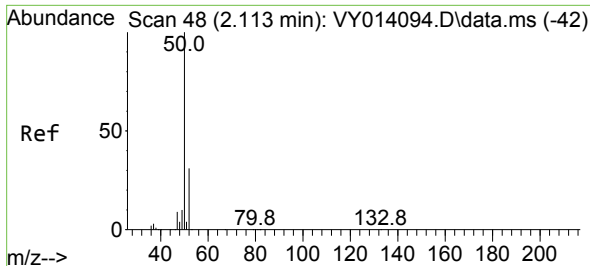
Tgt Ion:168 Resp: 339317
Ion Ratio Lower Upper
168 100
99 47.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 22.880 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

Tgt Ion: 85 Resp: 61717
Ion Ratio Lower Upper
85 100
87 33.3 15.6 46.8

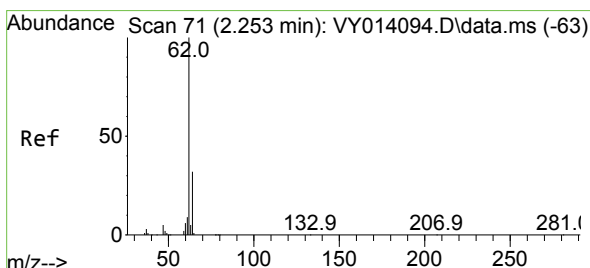
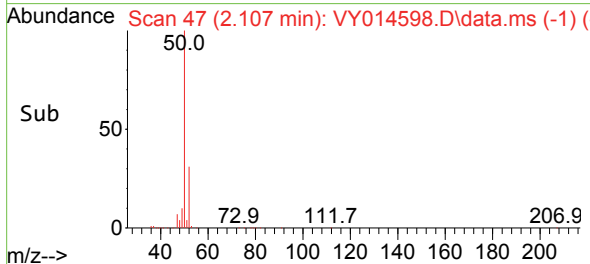
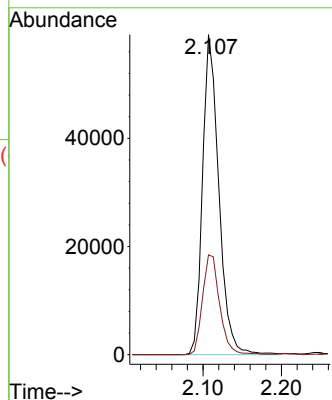
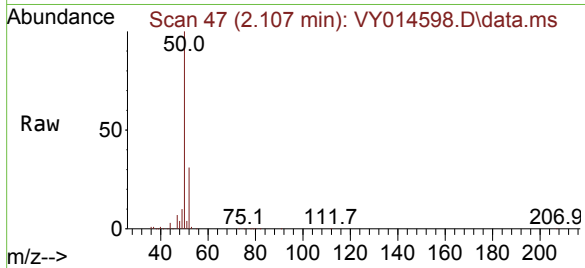




#3
Chloromethane
Concen: 21.709 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

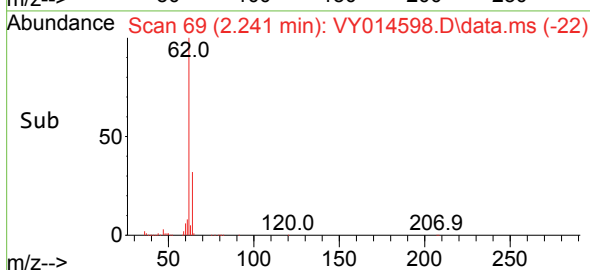
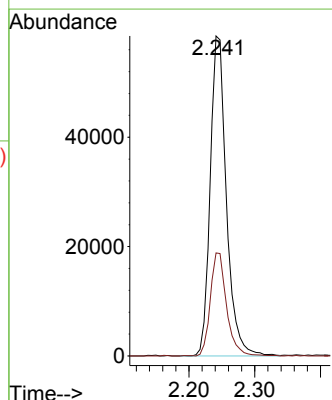
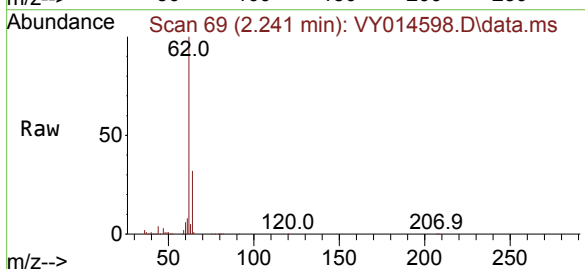
Instrument :
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ClientSampleId :
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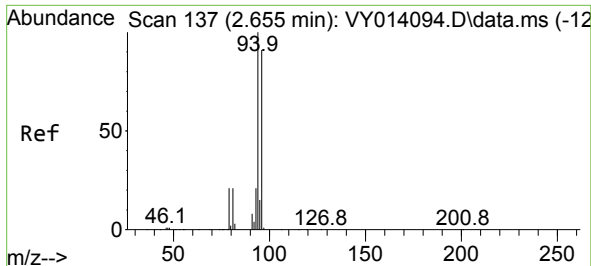
Tgt Ion: 50 Resp: 85313
Ion Ratio Lower Upper
50 100
52 31.2 25.4 38.2



#4
Vinyl Chloride
Concen: 22.161 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.012 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

Tgt Ion: 62 Resp: 100380
Ion Ratio Lower Upper
62 100
64 32.2 24.3 36.5

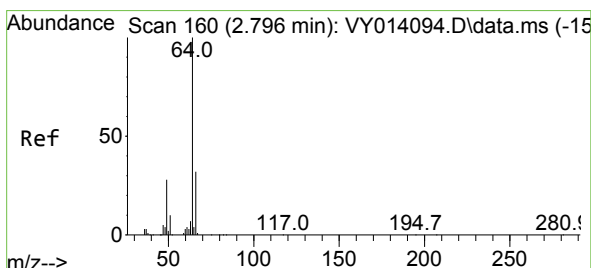
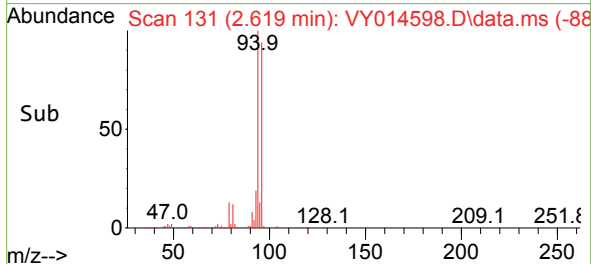
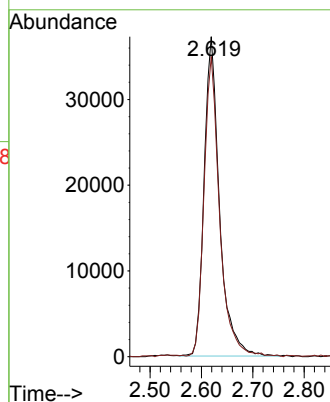
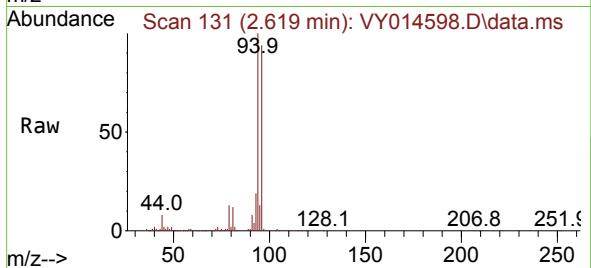




#5
Bromomethane
Concen: 22.033 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.036 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

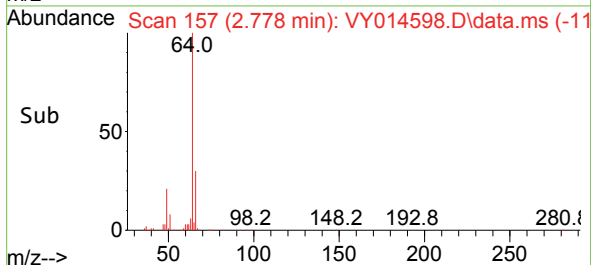
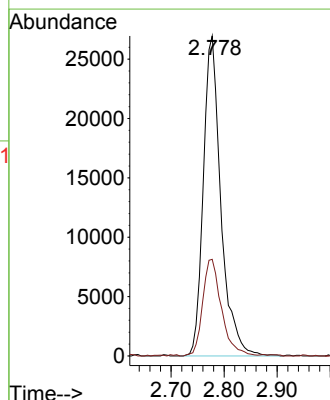
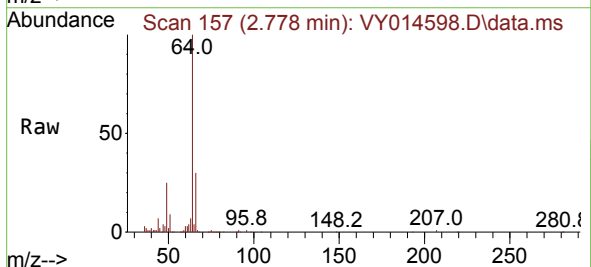
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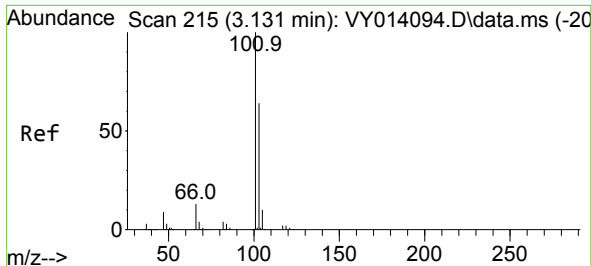
Tgt Ion: 94 Resp: 77387
Ion Ratio Lower Upper
94 100
96 93.7 75.8 113.6



#6
Chloroethane
Concen: 21.280 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.018 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

Tgt Ion: 64 Resp: 62064
Ion Ratio Lower Upper
64 100
66 30.2 24.4 36.6

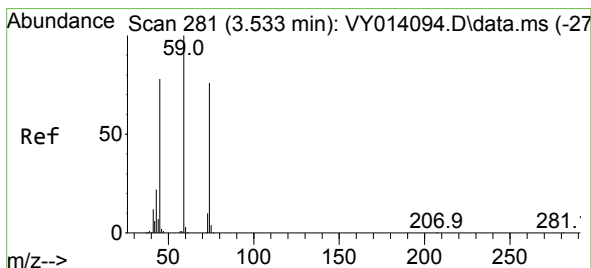
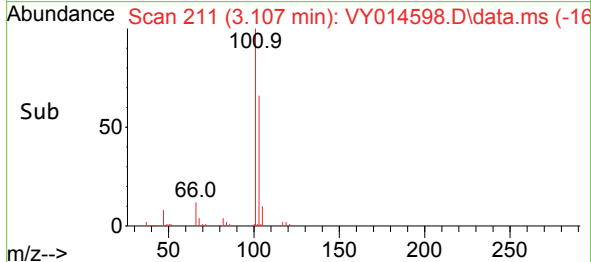
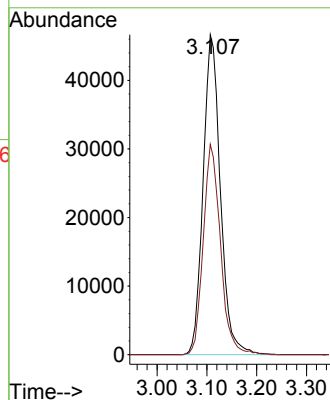
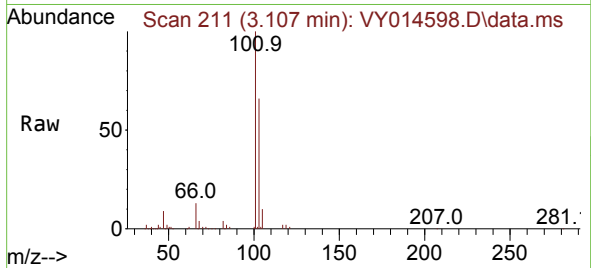




#7
Trichlorofluoromethane
Concen: 20.423 ug/l
RT: 3.107 min Scan# 215
Delta R.T. -0.024 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

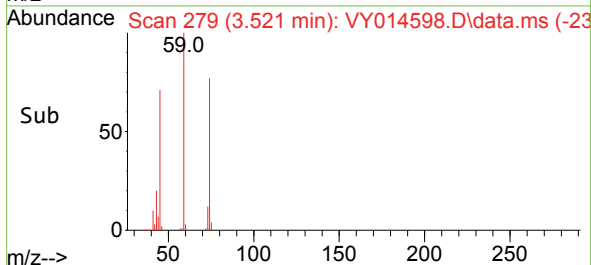
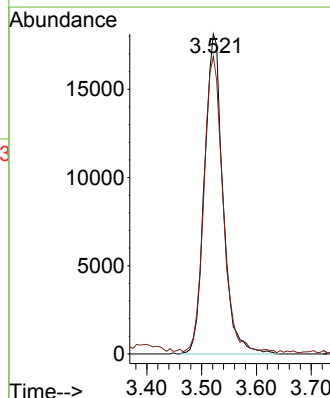
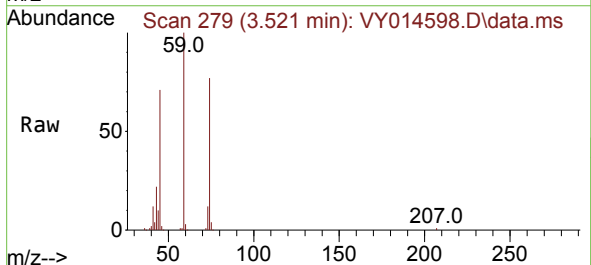
Instrument :
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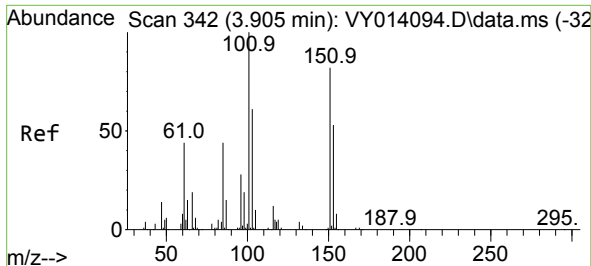
Tgt Ion:101 Resp: 112352
Ion Ratio Lower Upper
101 100
103 65.7 51.4 77.0



#8
Diethyl Ether
Concen: 20.377 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.012 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

Tgt Ion: 74 Resp: 42446
Ion Ratio Lower Upper
74 100
45 94.2 51.5 154.5

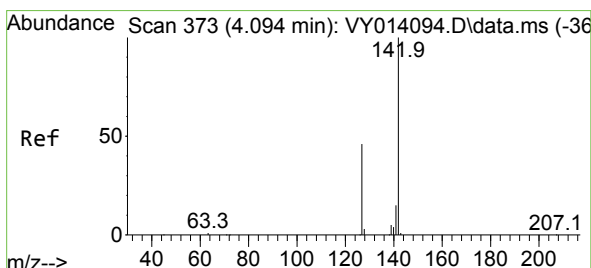
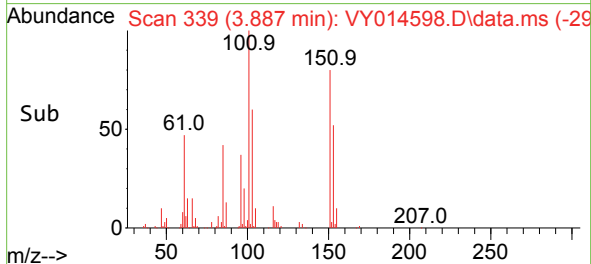
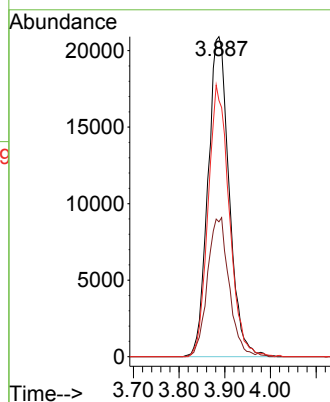
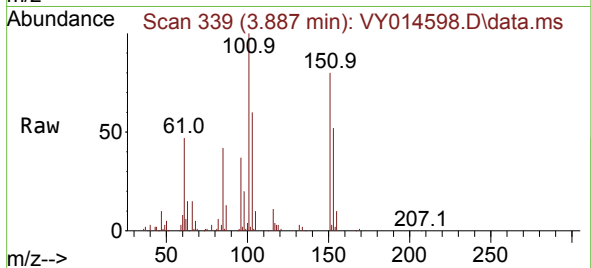




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.502 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

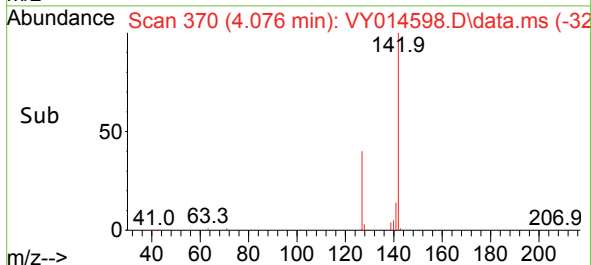
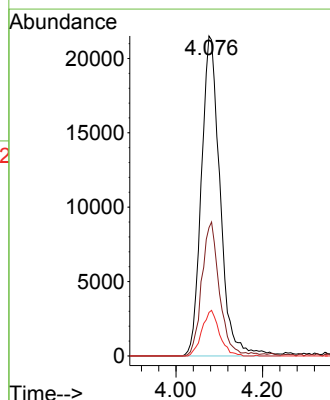
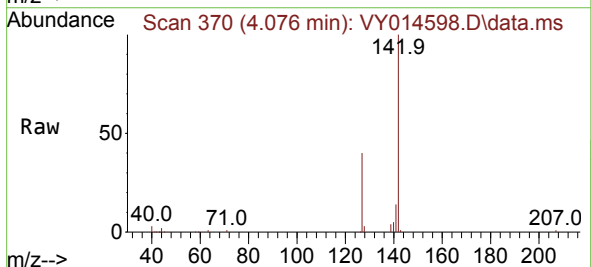
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

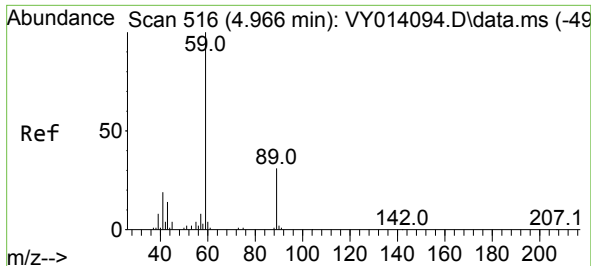
Tgt Ion:101 Resp: 67355
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 84.8 67.0 100.6



#10
Methyl Iodide
Concen: 17.185 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.018 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

Tgt Ion:142 Resp: 64424
Ion Ratio Lower Upper
142 100
127 39.3 37.6 56.4
141 13.4 11.8 17.8

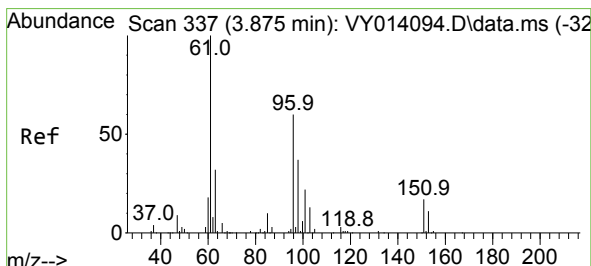
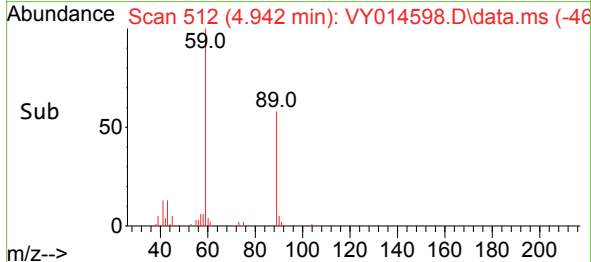
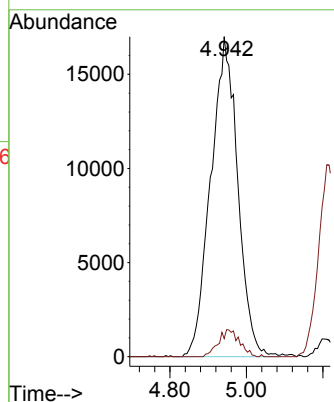
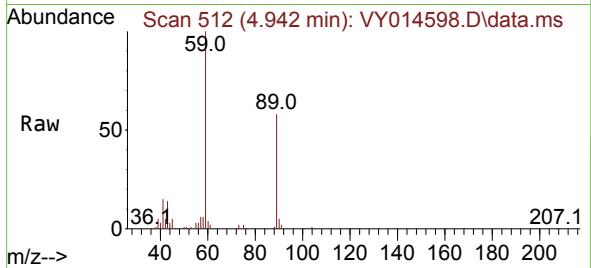




#11
Tert butyl alcohol
Concen: 133.095 ug/l
RT: 4.942 min Scan# 516
Delta R.T. -0.024 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

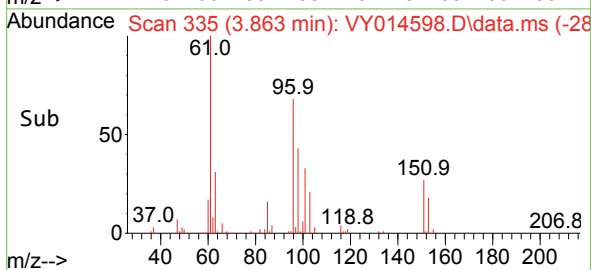
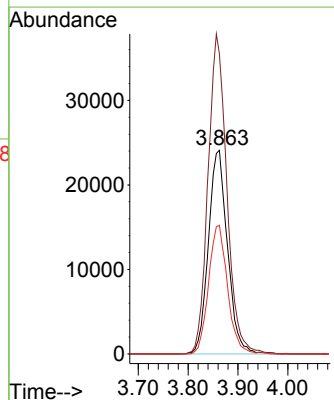
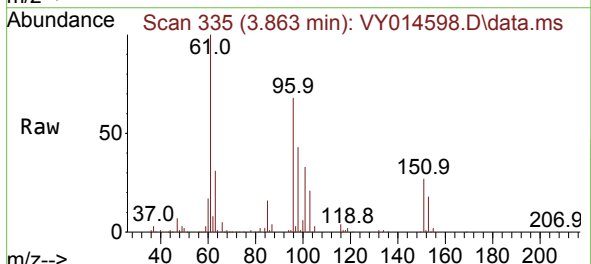
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

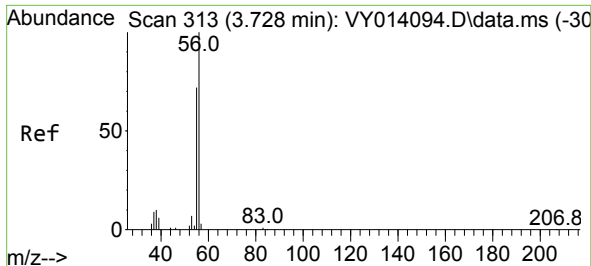
Tgt Ion: 59 Resp: 83122
Ion Ratio Lower Upper
59 100
57 6.6 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.203 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.012 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

Tgt Ion: 96 Resp: 64297
Ion Ratio Lower Upper
96 100
61 147.3 136.4 204.6
98 63.2 49.4 74.2





#13

Acrolein

Concen: 107.221 ug/l

RT: 3.722 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

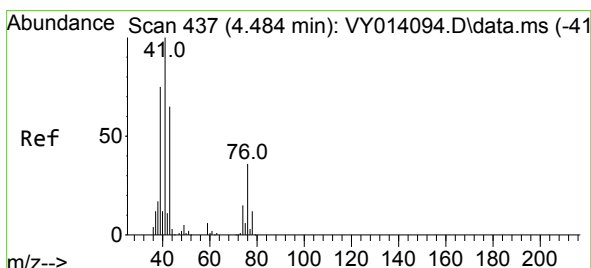
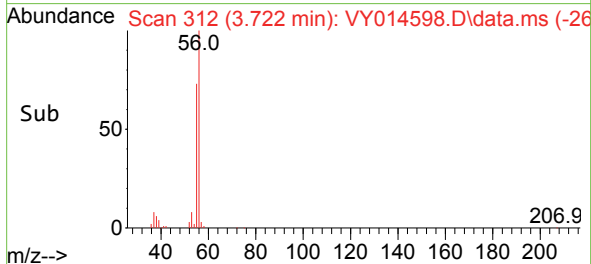
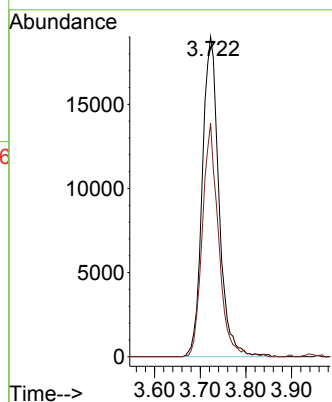
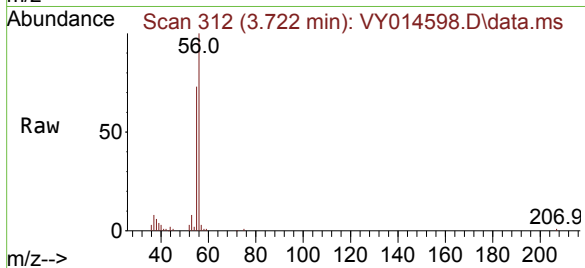
VY0707SBSD01

Tgt Ion: 56 Resp: 48130

Ion Ratio Lower Upper

56 100

55 70.6 57.0 85.4



#14

Allyl chloride

Concen: 18.685 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.018 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

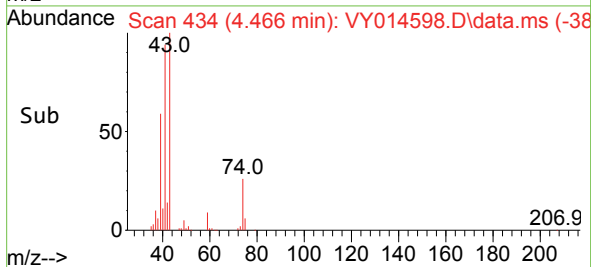
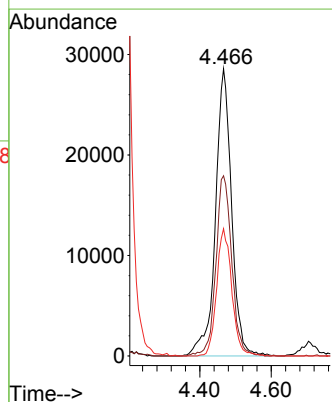
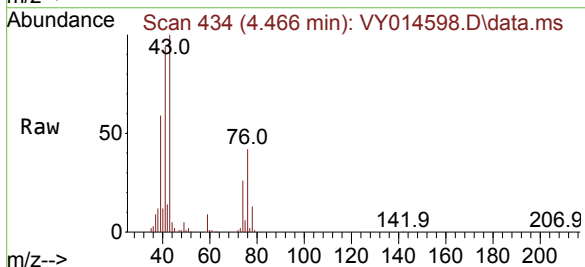
Tgt Ion: 41 Resp: 89631

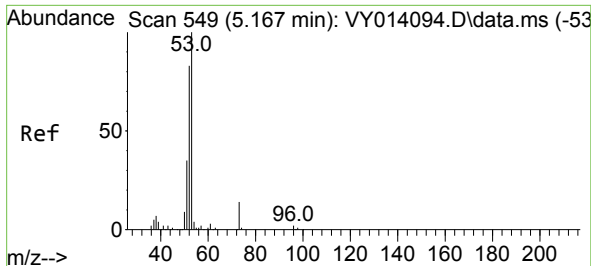
Ion Ratio Lower Upper

41 100

39 61.5 58.0 87.0

76 41.5 27.4 41.2#

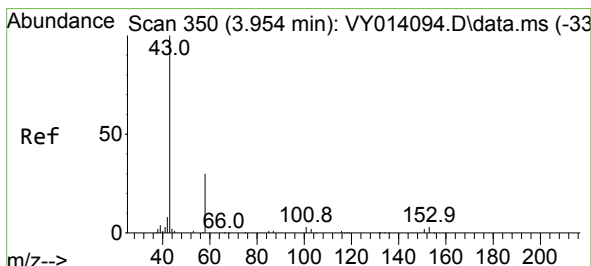
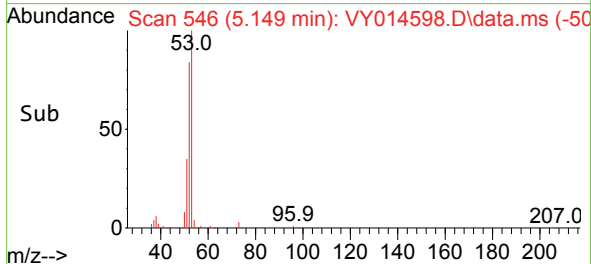
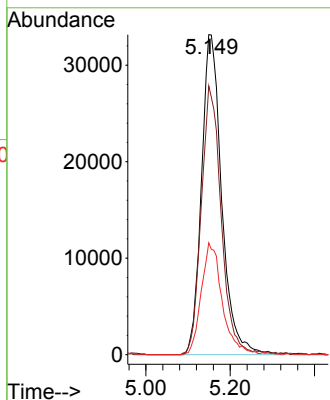
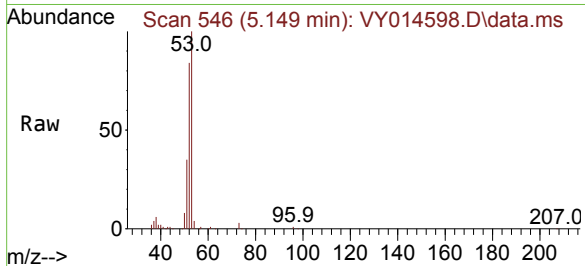




#15
Acrylonitrile
Concen: 92.621 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.018 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

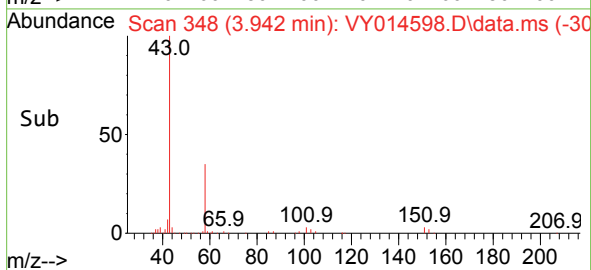
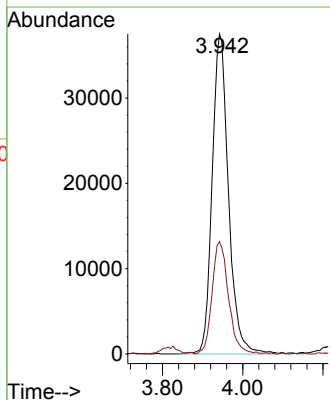
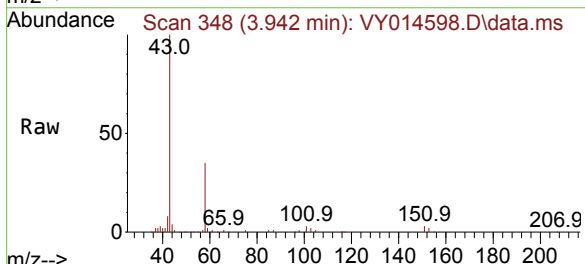
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

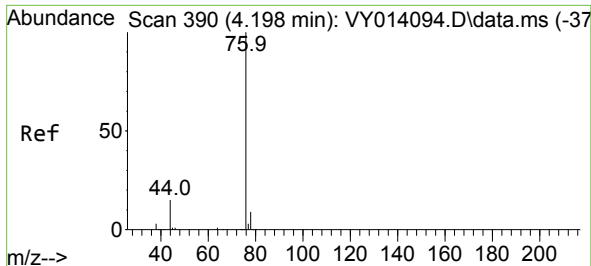
Tgt Ion: 53 Resp: 110756
Ion Ratio Lower Upper
53 100
52 82.5 66.9 100.3
51 36.1 29.8 44.6



#16
Acetone
Concen: 100.480 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

Tgt Ion: 43 Resp: 105919
Ion Ratio Lower Upper
43 100
58 35.1 22.7 34.1#

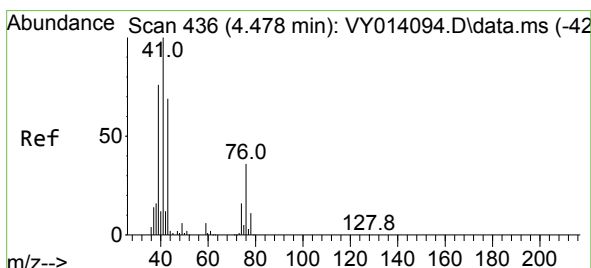
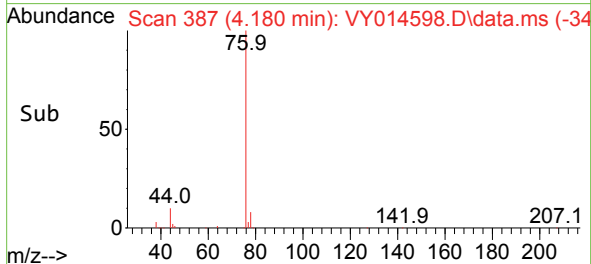
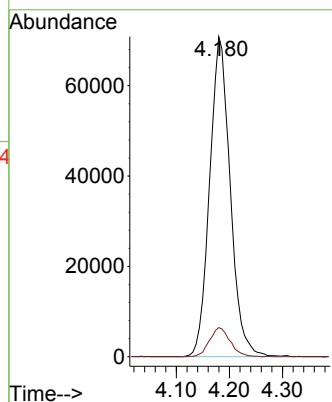
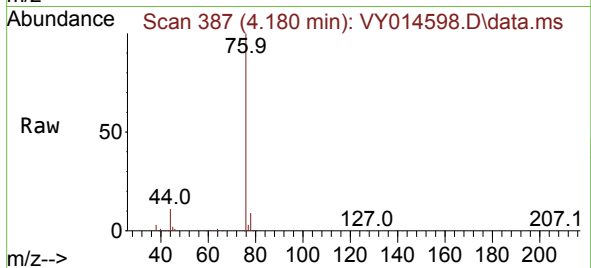




#17
Carbon Disulfide
Concen: 19.703 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

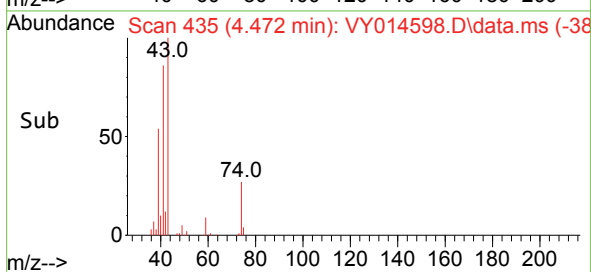
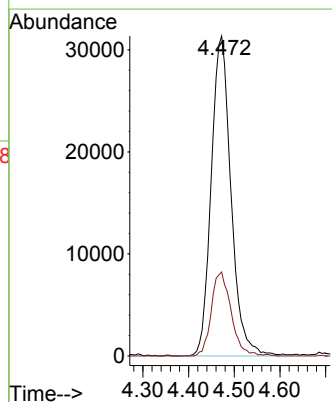
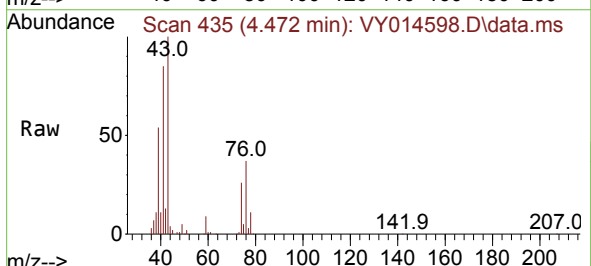
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

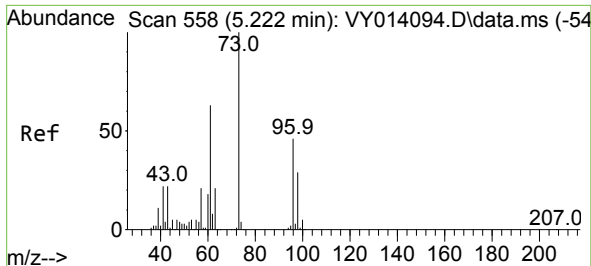
Tgt Ion: 76 Resp: 191097
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 19.646 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

Tgt Ion: 43 Resp: 94273
Ion Ratio Lower Upper
43 100
74 26.2 17.4 26.0#

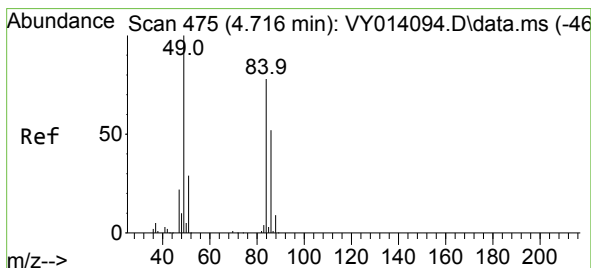
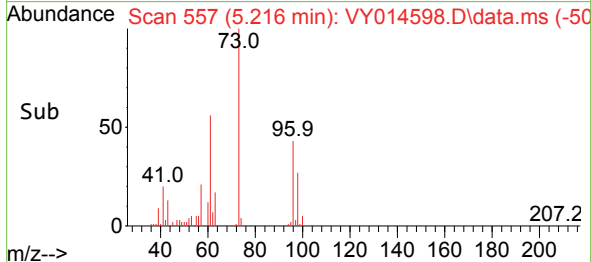
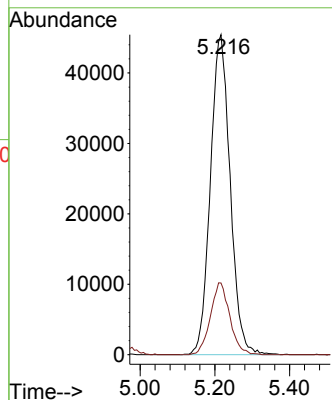
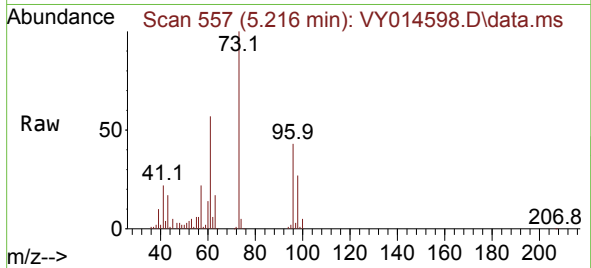




#19
Methyl tert-butyl Ether
Concen: 18.220 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

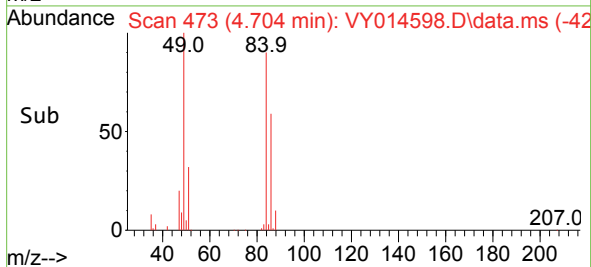
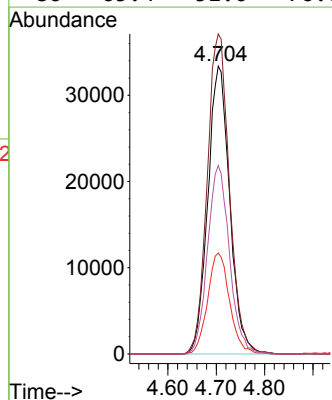
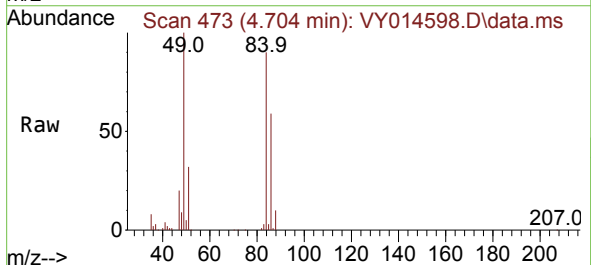
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

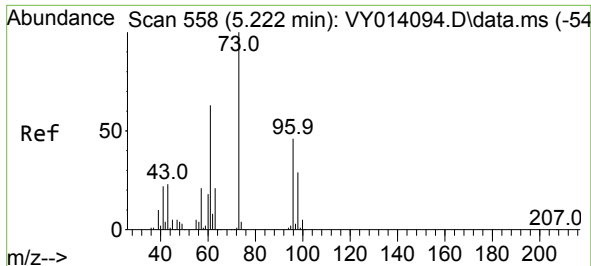
Tgt Ion: 73 Resp: 166661
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9



#20
Methylene Chloride
Concen: 25.011 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

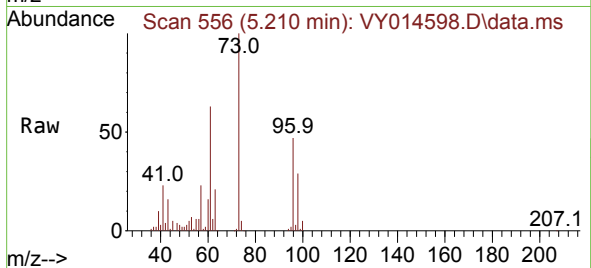
Tgt Ion: 84 Resp: 105041
Ion Ratio Lower Upper
84 100
49 111.2 106.9 160.3
51 35.0 33.2 49.8
86 65.4 51.0 76.6



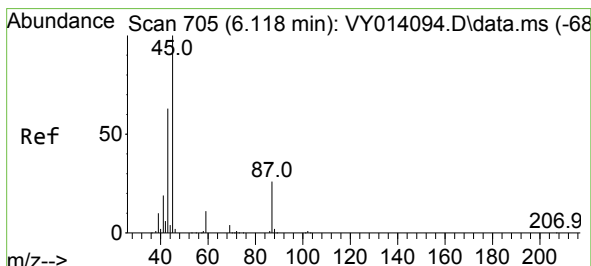
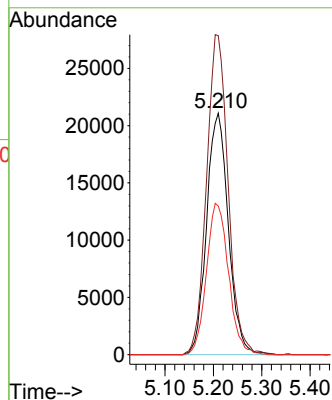
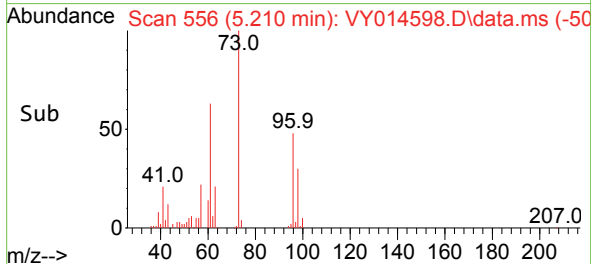


#21
trans-1,2-Dichloroethene
Concen: 18.296 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

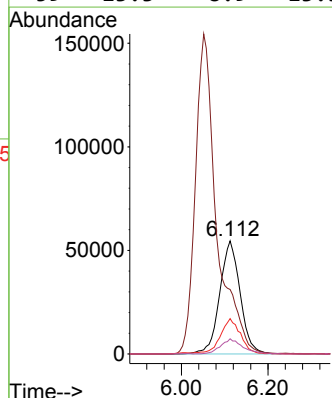
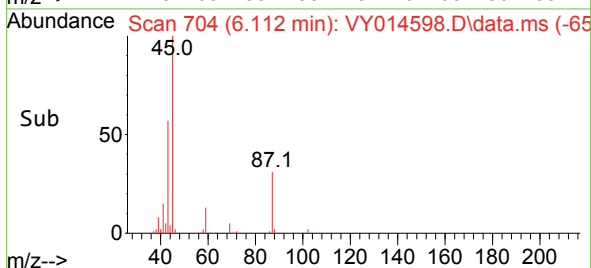
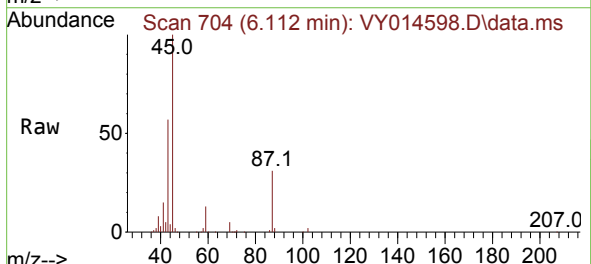


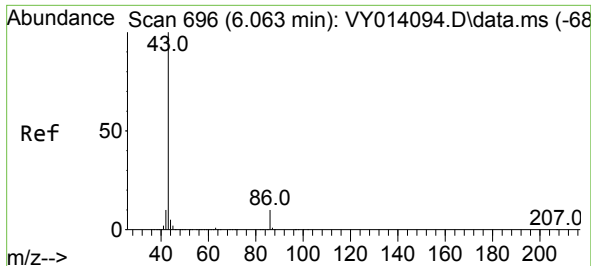
Tgt Ion: 96 Resp: 65913
Ion Ratio Lower Upper
96 100
61 132.1 110.2 165.4
98 61.6 51.8 77.6



#22
Diisopropyl ether
Concen: 18.133 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

Tgt Ion: 45 Resp: 179238
Ion Ratio Lower Upper
45 100
43 56.4 52.2 78.4
87 31.1 21.0 31.6
59 13.3 8.9 13.3

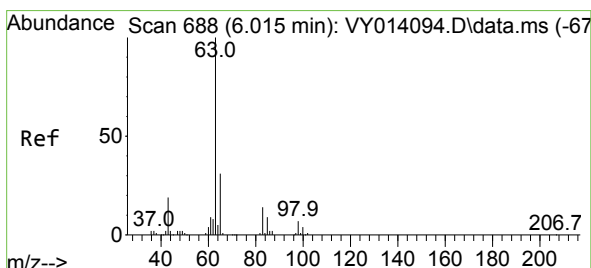
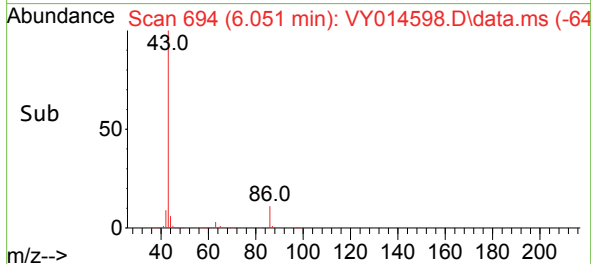
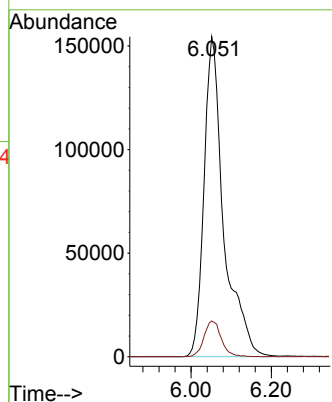
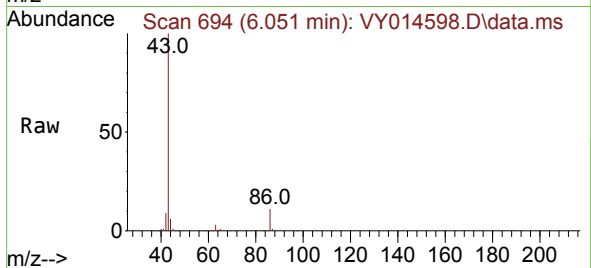




#23
Vinyl Acetate
Concen: 92.092 ug/l
RT: 6.051 min Scan# 694
Delta R.T. -0.012 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

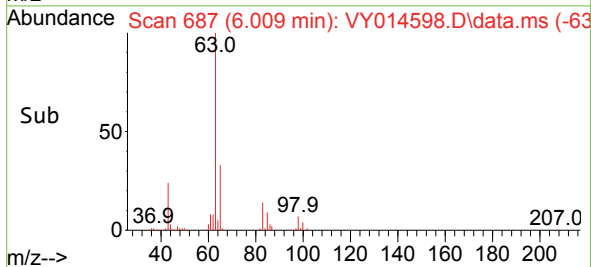
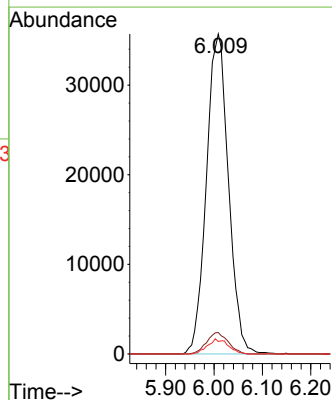
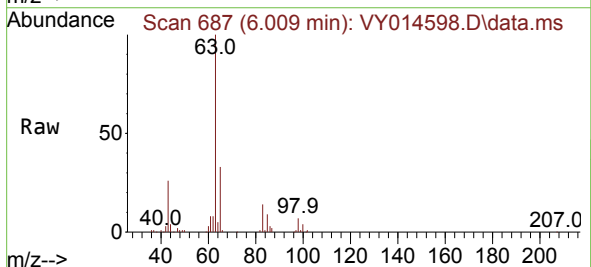
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

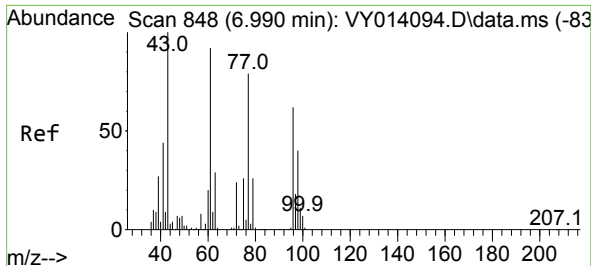
Tgt Ion: 43 Resp: 526651
Ion Ratio Lower Upper
43 100
86 11.1 7.5 11.3



#24
1,1-Dichloroethane
Concen: 18.235 ug/l
RT: 6.009 min Scan# 687
Delta R.T. -0.006 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

Tgt Ion: 63 Resp: 113153
Ion Ratio Lower Upper
63 100
98 6.7 3.1 9.4
100 3.9 1.8 5.5





#25

2-Butanone

Concen: 92.815 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

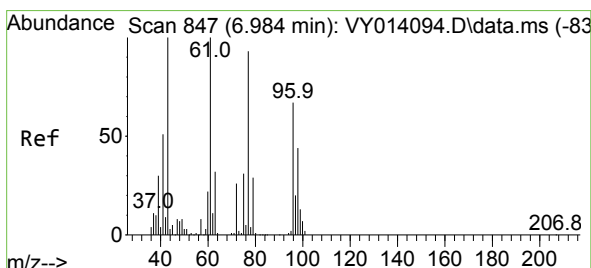
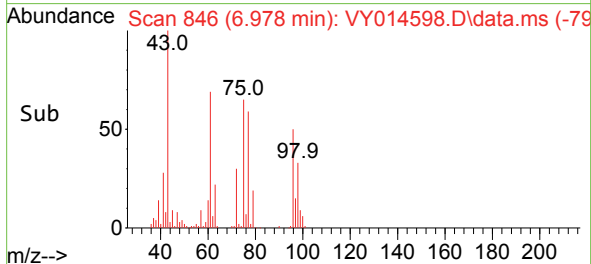
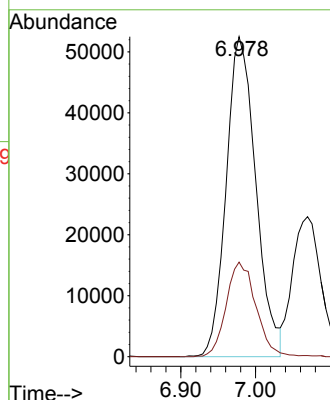
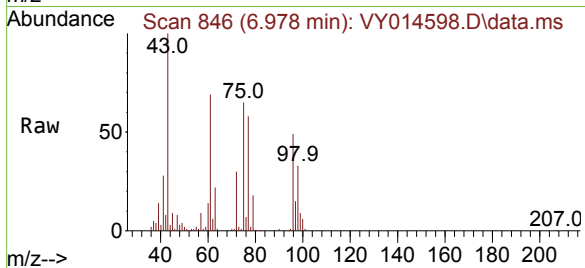
VY0707SBS01

Tgt Ion: 43 Resp: 144869

Ion Ratio Lower Upper

43 100

72 29.6 20.5 30.7



#26

2,2-Dichloropropane

Concen: 18.367 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY014598.D

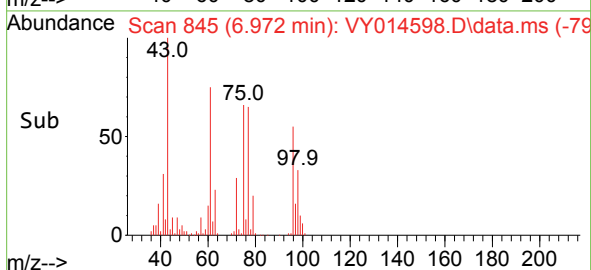
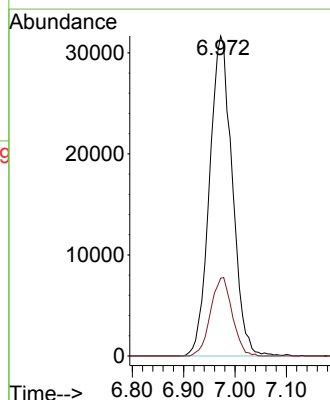
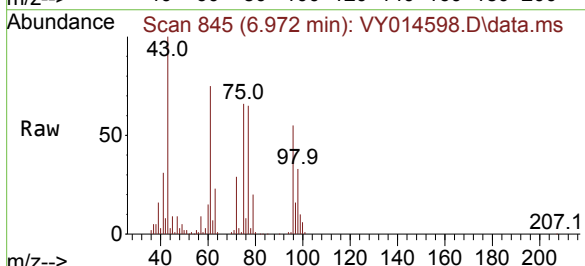
Acq: 07 Jul 2023 11:35

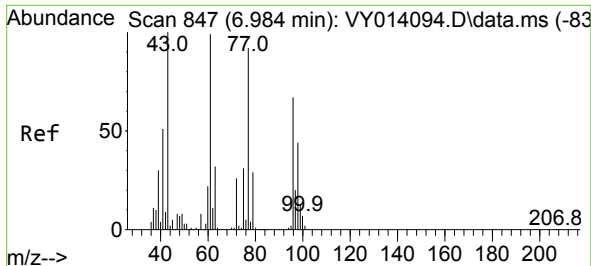
Tgt Ion: 77 Resp: 97144

Ion Ratio Lower Upper

77 100

97 23.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 17.757 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY014598.D

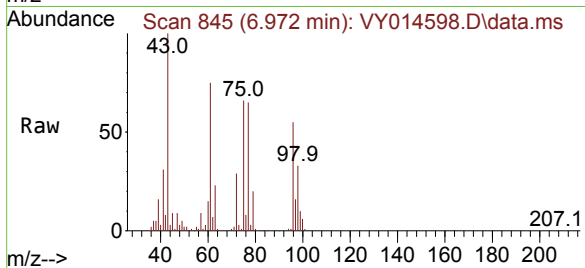
Acq: 07 Jul 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01



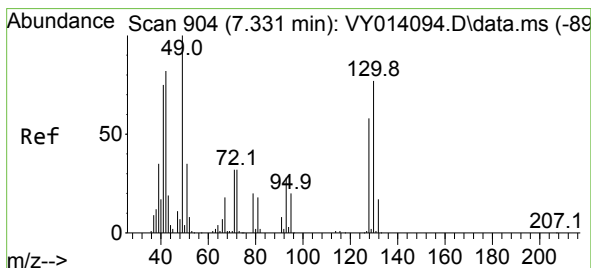
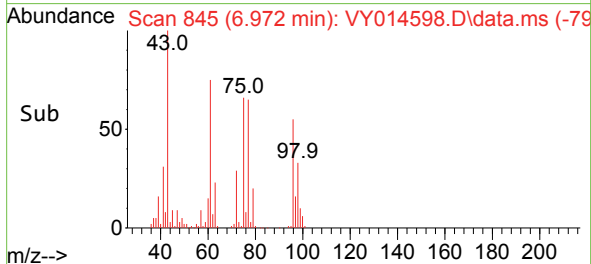
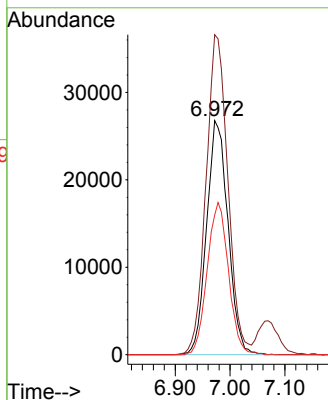
Tgt Ion: 96 Resp: 72567

Ion Ratio Lower Upper

96 100

61 139.3 0.0 301.4

98 64.8 0.0 130.4



#28

Bromochloromethane

Concen: 20.436 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

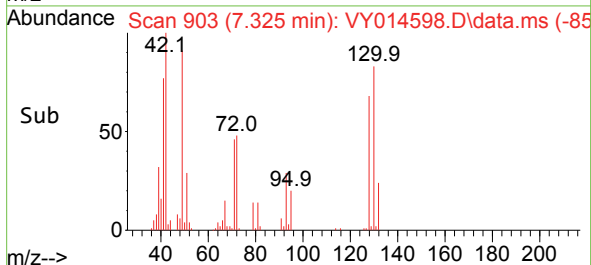
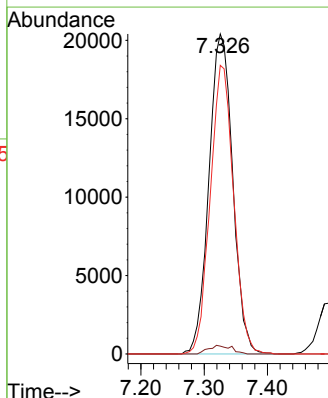
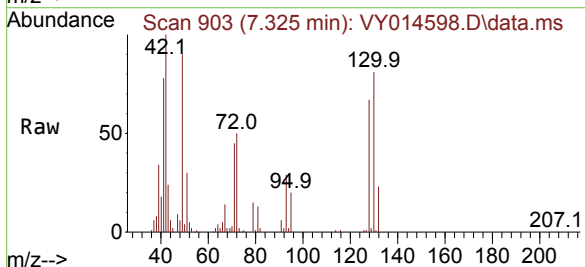
Tgt Ion: 49 Resp: 53247

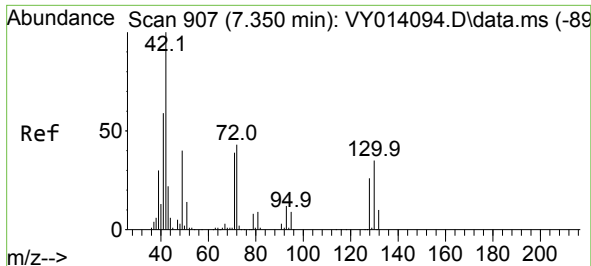
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 88.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 97.149 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

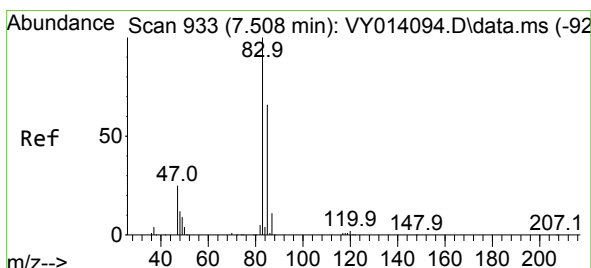
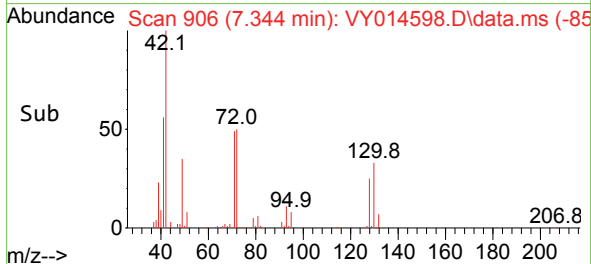
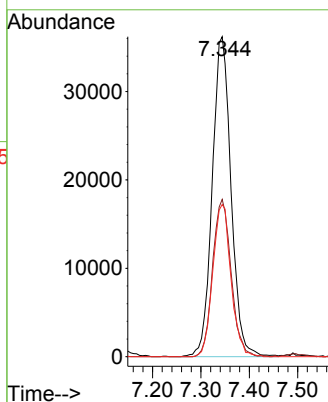
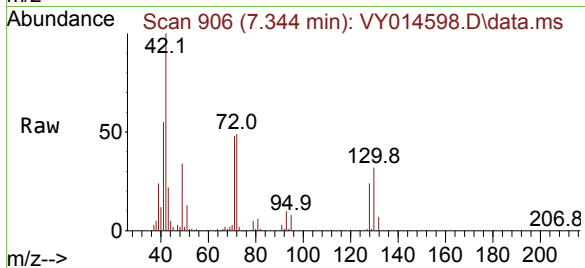
Tgt Ion: 42 Resp: 97807

Ion Ratio Lower Upper

42 100

72 48.3 32.8 49.2

71 46.0 31.0 46.4



#30

Chloroform

Concen: 18.235 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY014598.D

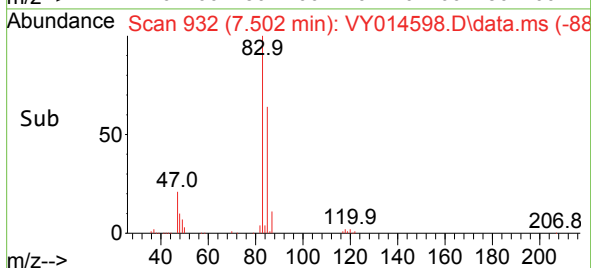
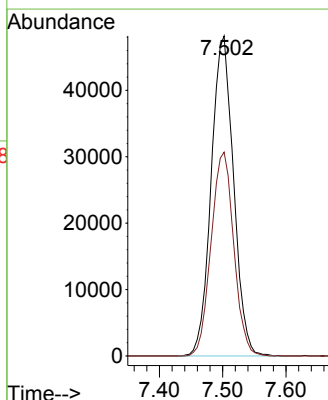
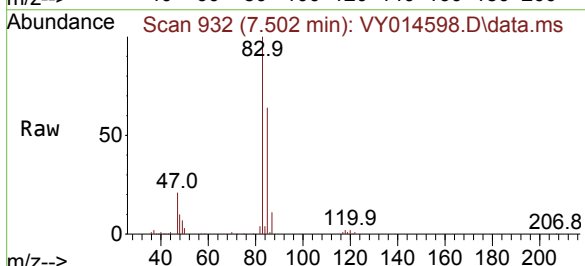
Acq: 07 Jul 2023 11:35

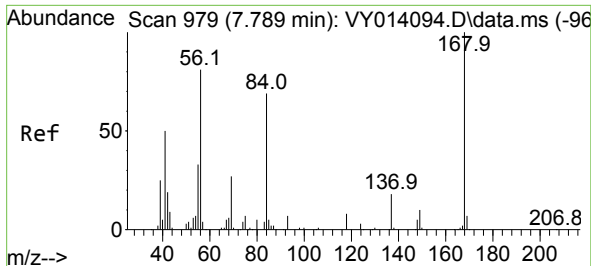
Tgt Ion: 83 Resp: 118032

Ion Ratio Lower Upper

83 100

85 63.7 49.7 74.5

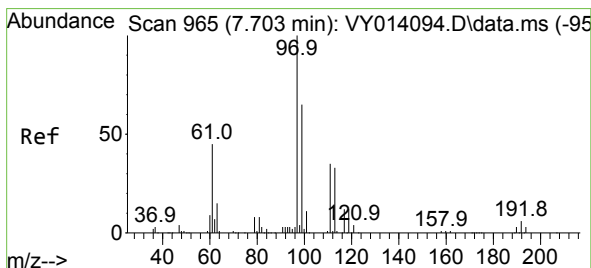
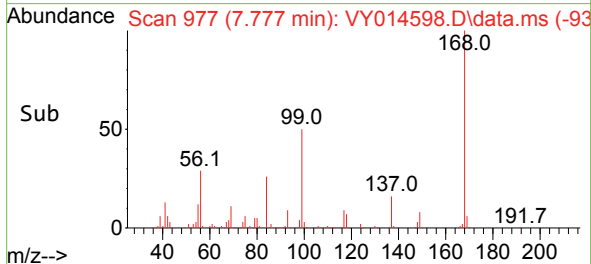
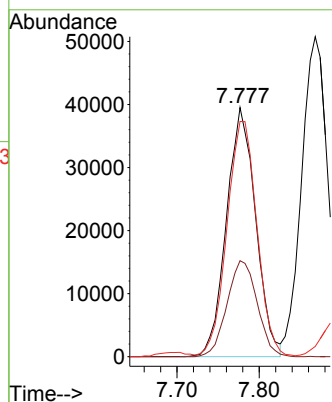
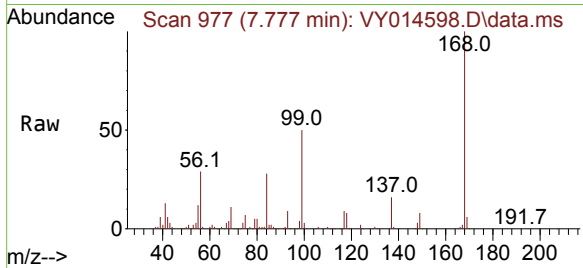




#31
Cyclohexane
Concen: 18.425 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

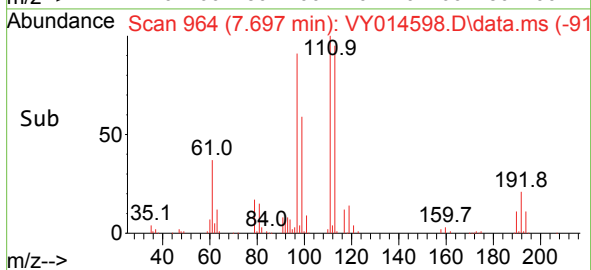
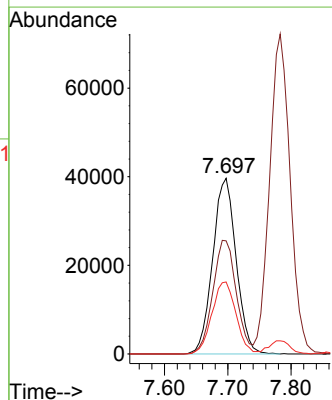
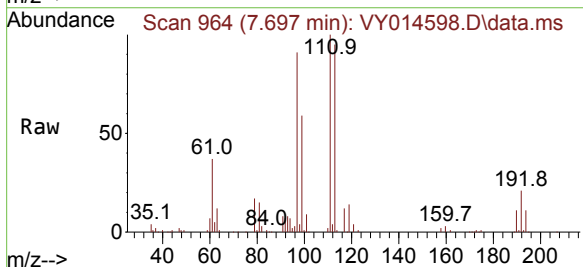
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

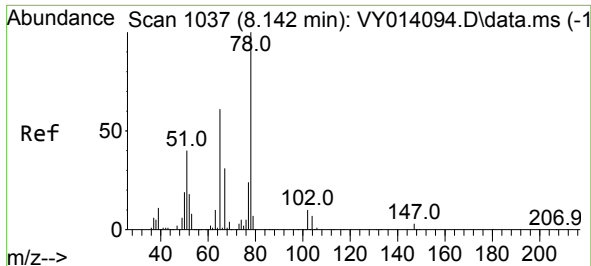
Tgt Ion:	56	Resp:	97574
Ion	Ratio	Lower	Upper
56	100		
69	38.6	27.8	41.6
84	92.7	66.4	99.6



#32
1,1,1-Trichloroethane
Concen: 18.419 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

Tgt Ion:	97	Resp:	101911
Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.8	76.2
61	42.1	35.1	52.7





#33

1,2-Dichloroethane-d4

Concen: 46.529 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

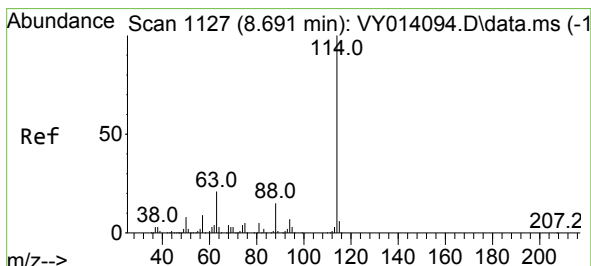
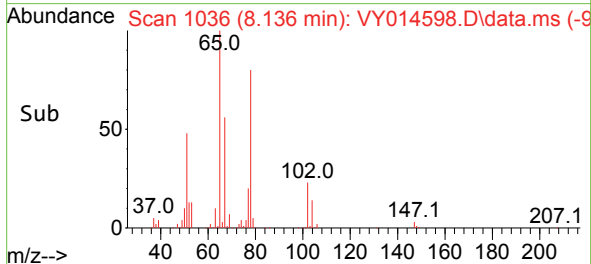
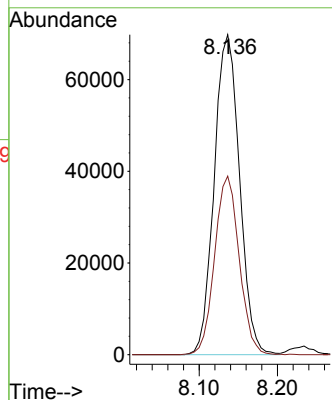
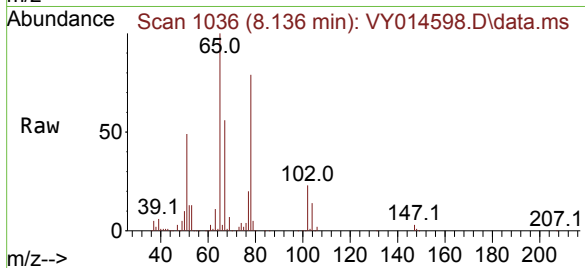
VY0707SBS01

Tgt Ion: 65 Resp: 157059

Ion Ratio Lower Upper

65 100

67 54.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

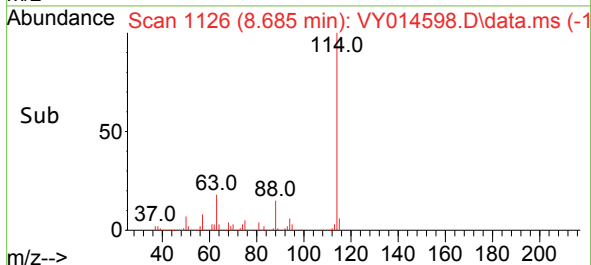
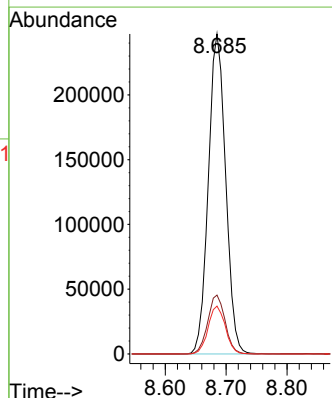
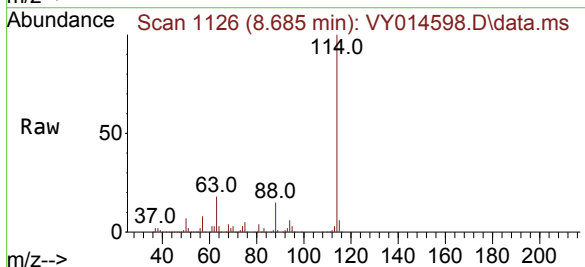
Tgt Ion: 114 Resp: 487085

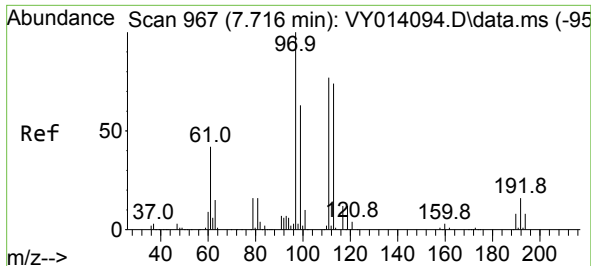
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 14.9 0.0 30.6

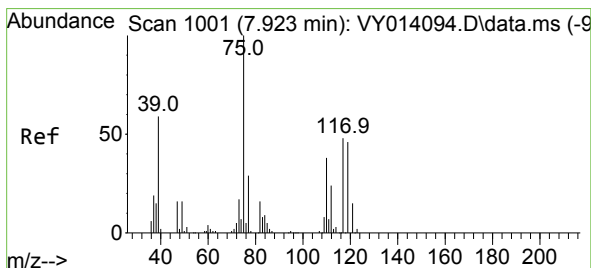
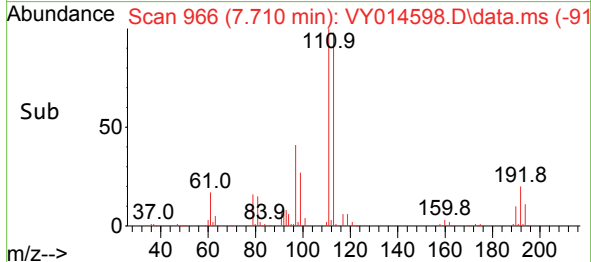
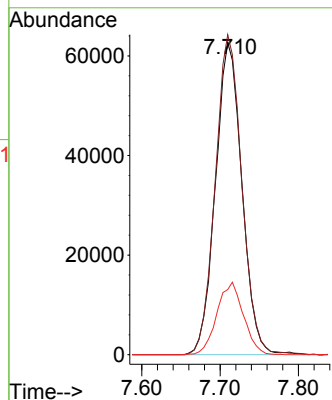
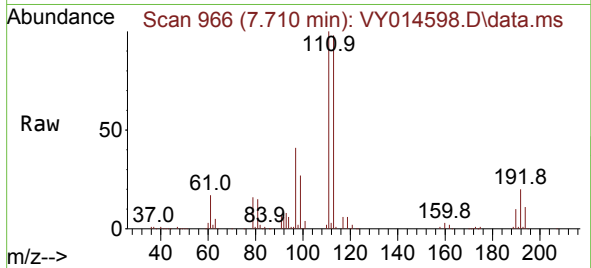




#35
Dibromofluoromethane
Concen: 48.967 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

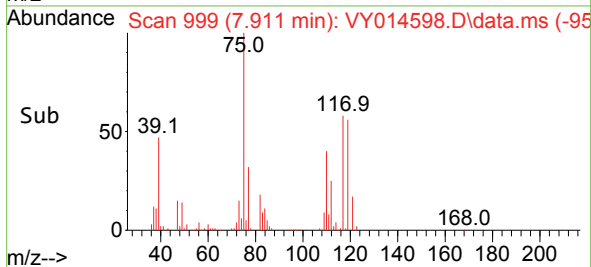
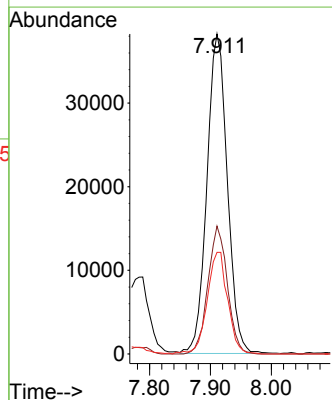
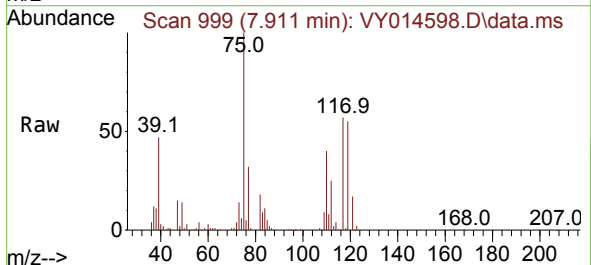
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

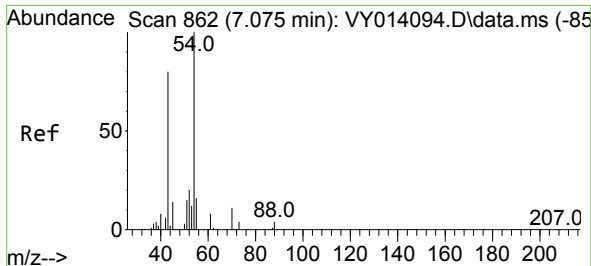
Tgt Ion:113 Resp: 146876
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 23.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.372 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

Tgt Ion: 75 Resp: 88983
Ion Ratio Lower Upper
75 100
110 38.2 17.8 53.5
77 32.0 24.4 36.6





#37

Ethyl Acetate

Concen: 20.099 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY014598.D

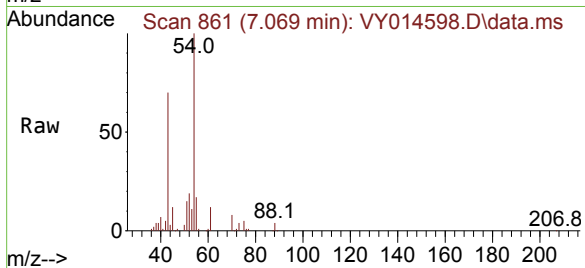
Acq: 07 Jul 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01



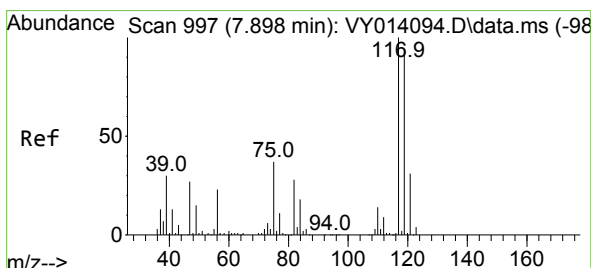
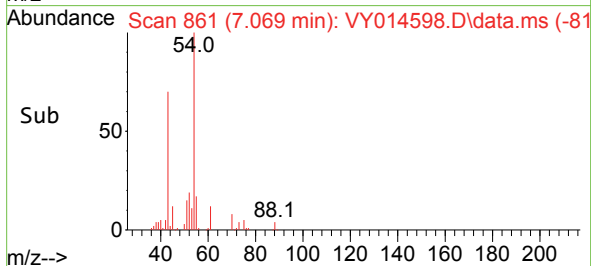
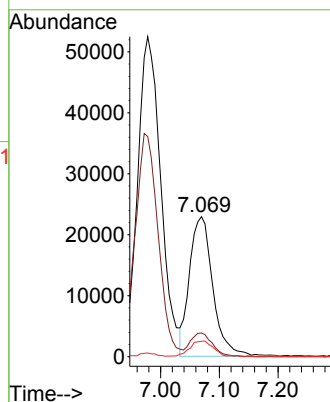
Tgt Ion: 43 Resp: 63316

Ion Ratio Lower Upper

43 100

61 15.9 10.1 15.1#

70 11.6 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 19.724 ug/l

RT: 7.892 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

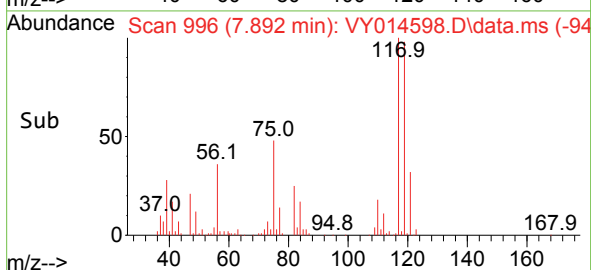
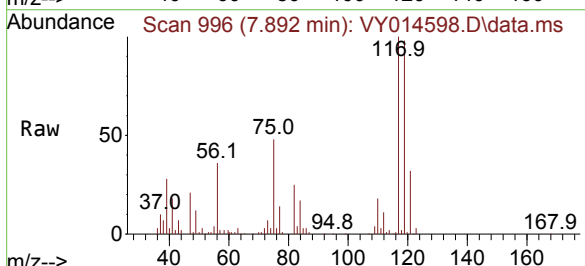
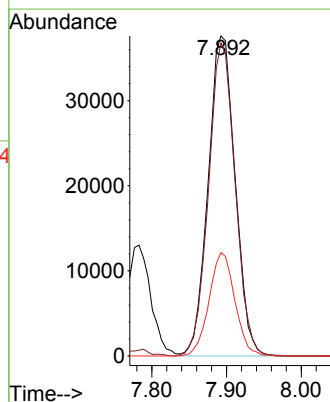
Tgt Ion: 117 Resp: 94578

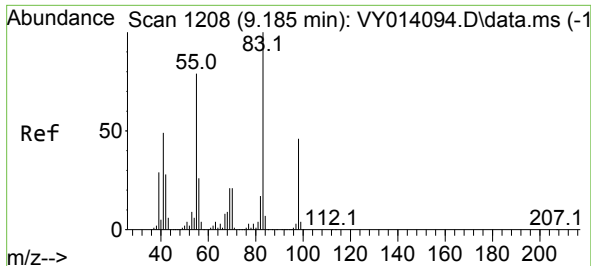
Ion Ratio Lower Upper

117 100

119 97.6 76.4 114.6

121 32.3 25.8 38.6

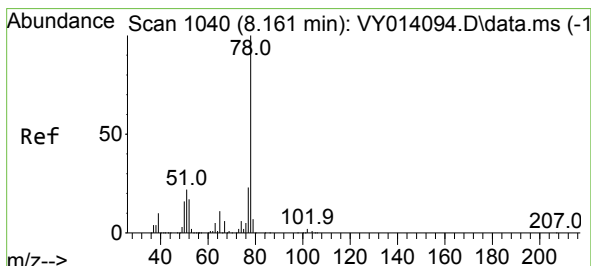
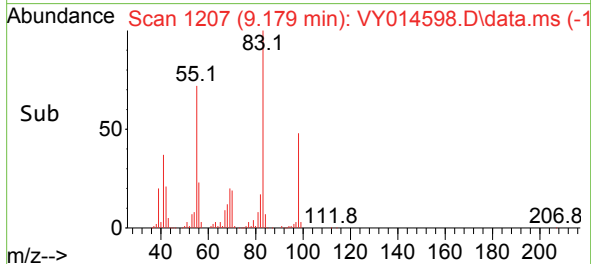
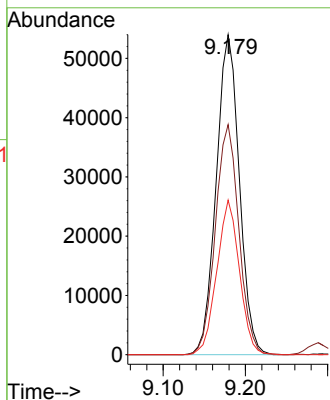
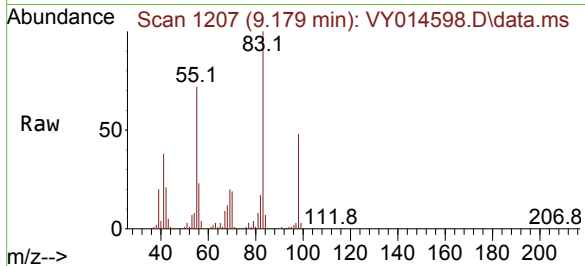




#39
Methylcyclohexane
Concen: 19.270 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

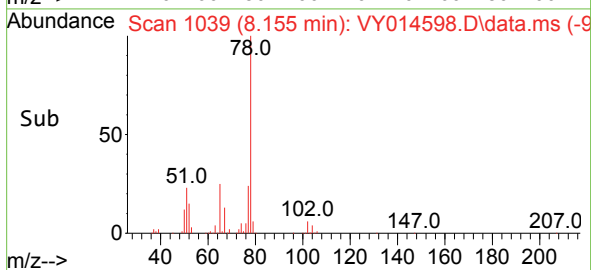
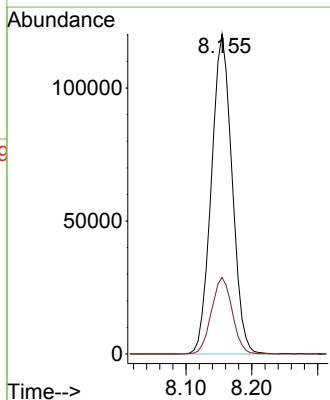
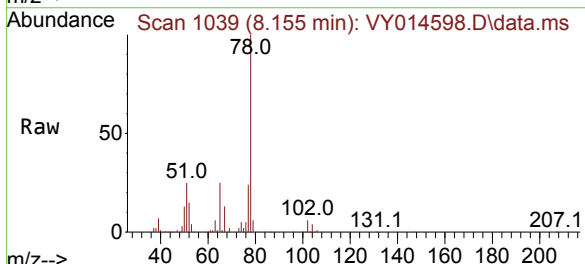
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

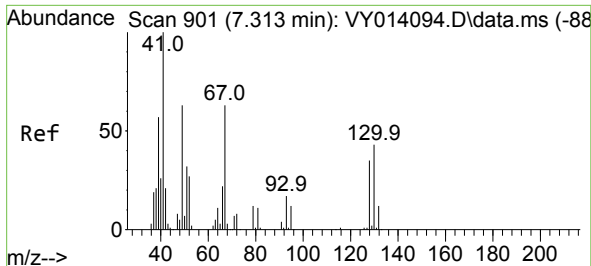
Tgt Ion: 83 Resp: 105803
Ion Ratio Lower Upper
83 100
55 71.9 63.0 94.4
98 48.3 37.4 56.2



#40
Benzene
Concen: 18.894 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

Tgt Ion: 78 Resp: 262713
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6

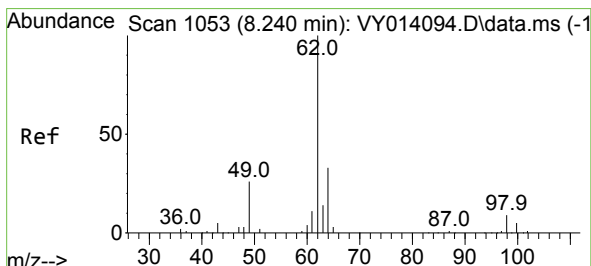
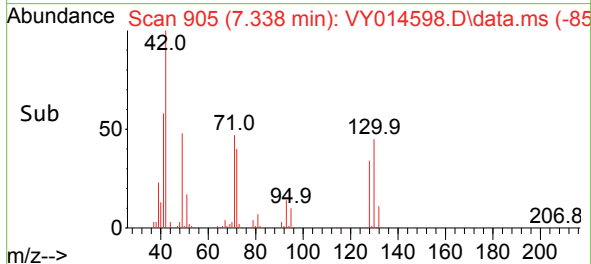
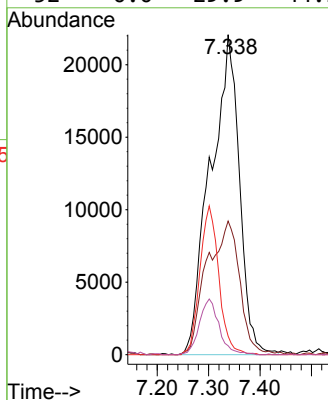
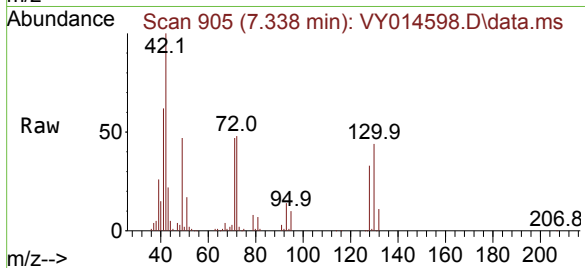




#41
Methacrylonitrile
Concen: 56.020 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.025 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

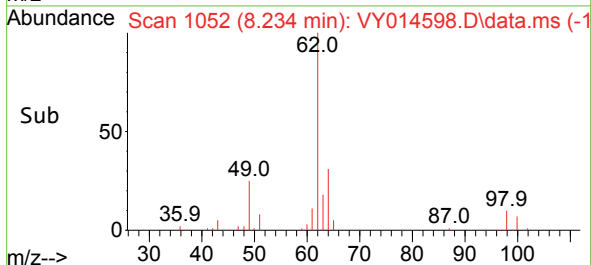
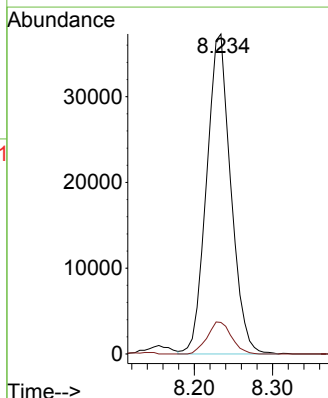
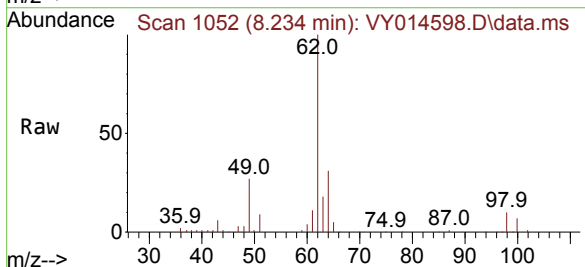
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

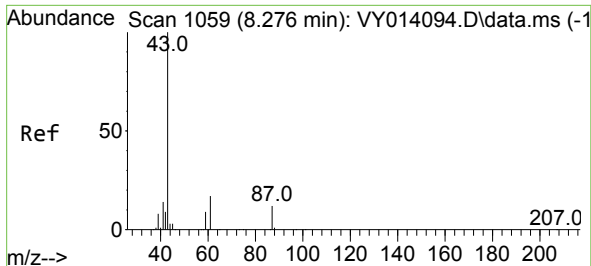
Tgt Ion: 41 Resp: 86214
Ion Ratio Lower Upper
41 100
39 25.7 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 19.600 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

Tgt Ion: 62 Resp: 80105
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8

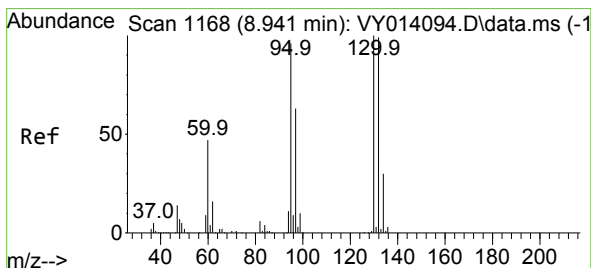
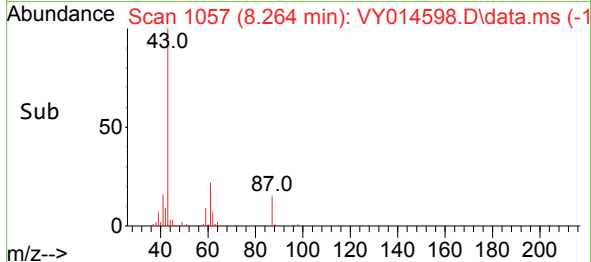
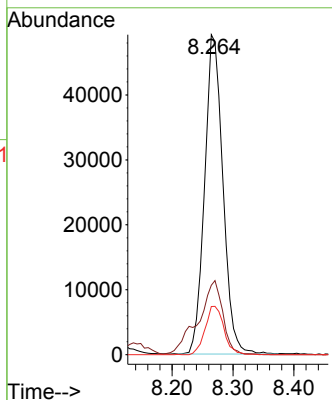
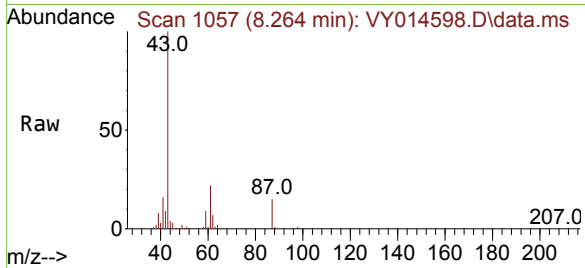




#43
Isopropyl Acetate
Concen: 19.251 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.012 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

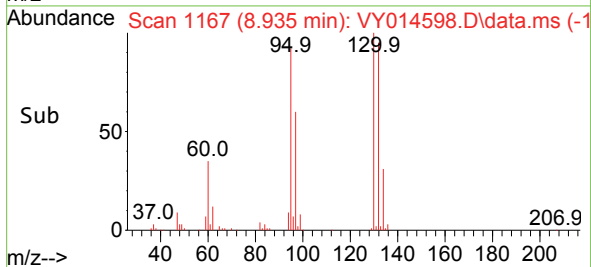
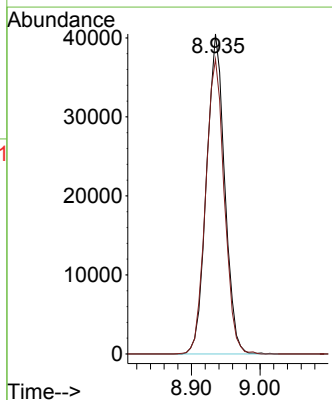
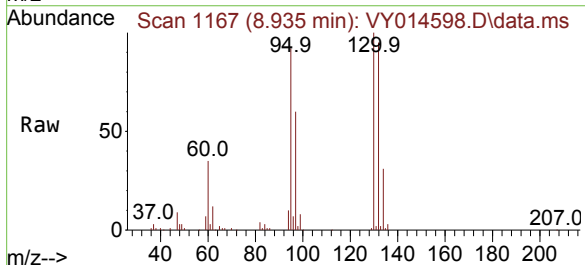
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

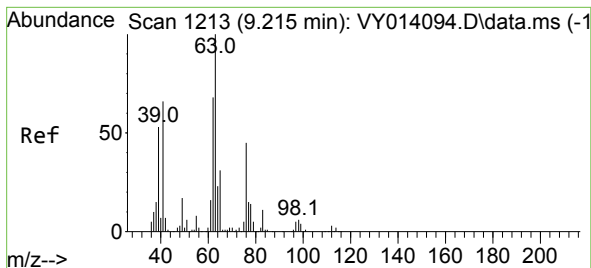
Tgt Ion: 43 Resp: 102773
Ion Ratio Lower Upper
43 100
61 31.3 21.1 31.7
87 15.5 9.8 14.8#



#44
Trichloroethene
Concen: 19.296 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

Tgt Ion:130 Resp: 74800
Ion Ratio Lower Upper
130 100
95 92.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.179 ug/l

RT: 9.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

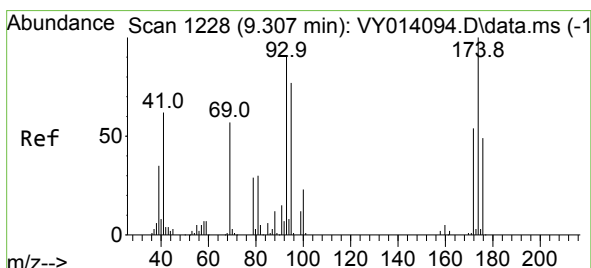
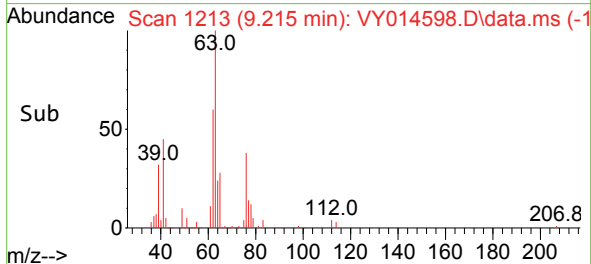
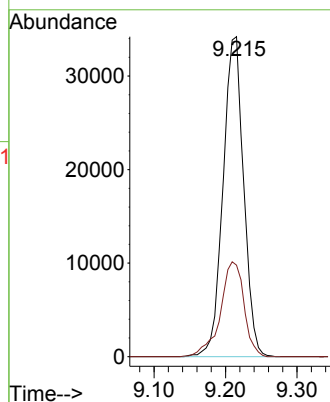
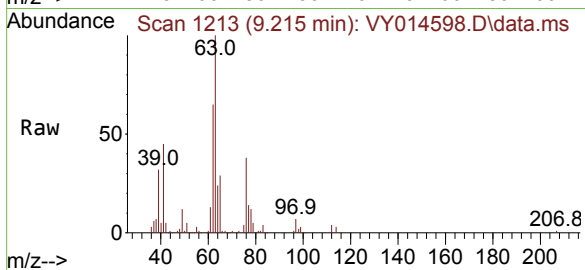
VY0707SBSD01

Tgt Ion: 63 Resp: 68411

Ion Ratio Lower Upper

63 100

65 28.6 23.8 35.6



#46

Dibromomethane

Concen: 20.289 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

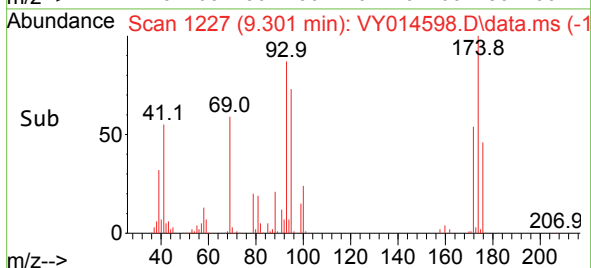
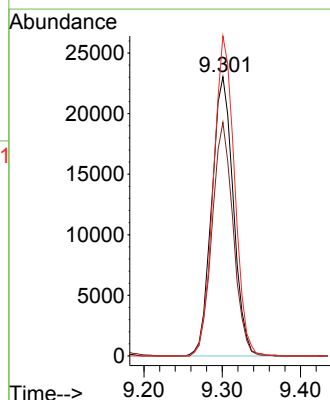
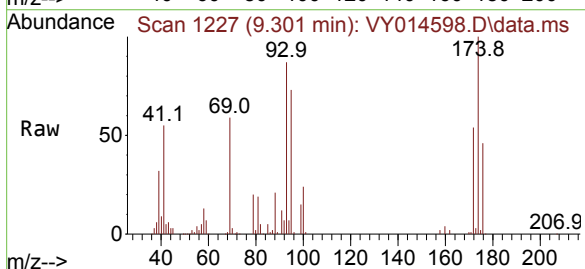
Tgt Ion: 93 Resp: 44058

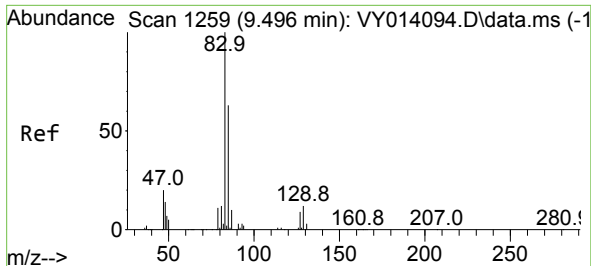
Ion Ratio Lower Upper

93 100

95 81.5 66.6 100.0

174 112.3 84.8 127.2

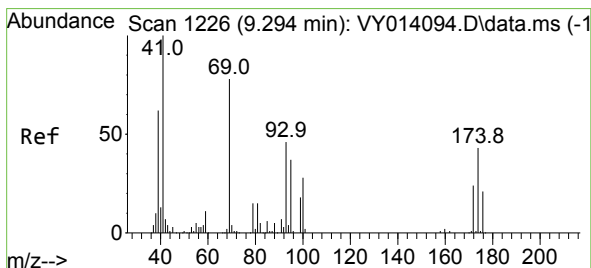
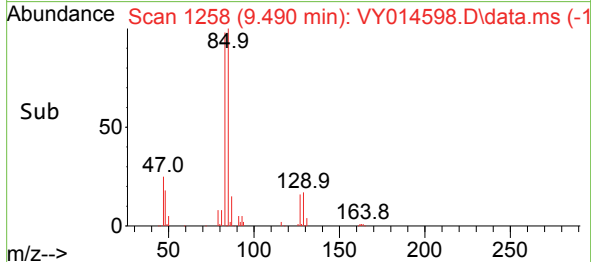
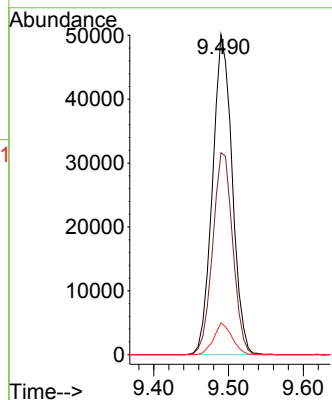
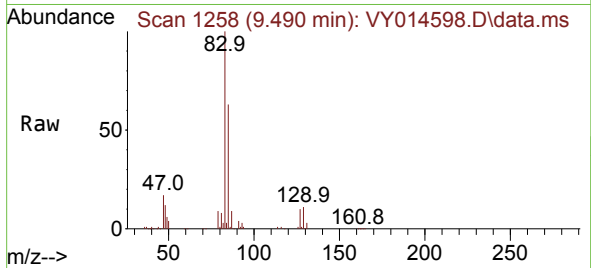




#47
Bromodichloromethane
Concen: 19.199 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

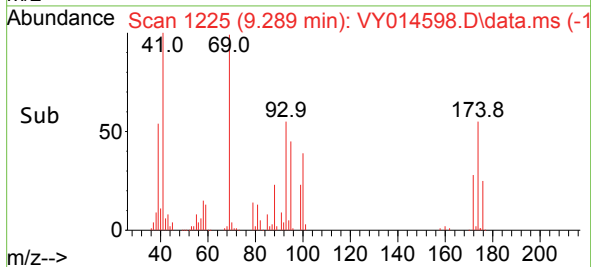
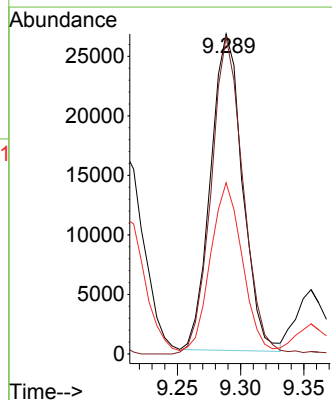
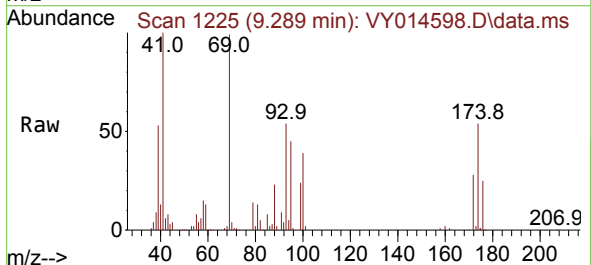
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

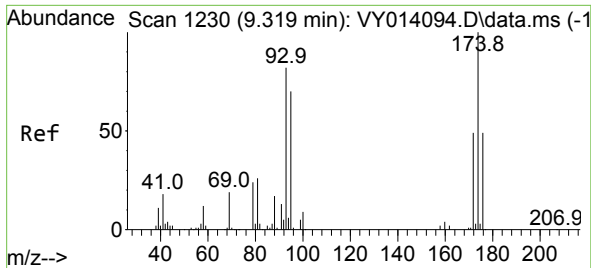
Tgt Ion: 83 Resp: 91862
Ion Ratio Lower Upper
83 100
85 63.1 50.1 75.1
127 10.0 7.1 10.7



#48
Methyl methacrylate
Concen: 19.257 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

Tgt Ion: 41 Resp: 46750
Ion Ratio Lower Upper
41 100
69 100.7 64.5 96.7#
39 52.0 50.8 76.2

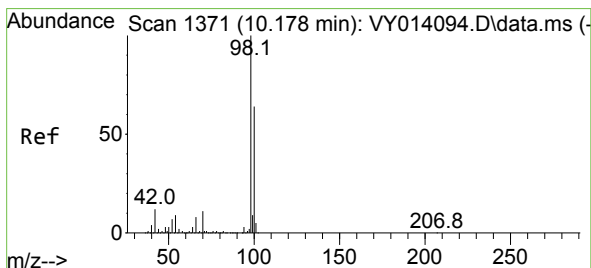
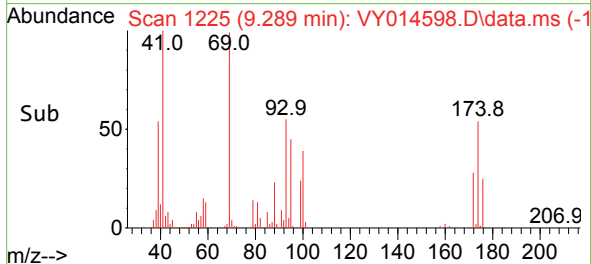
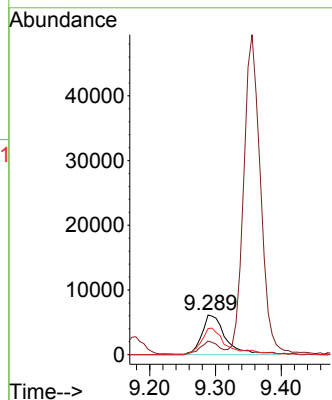
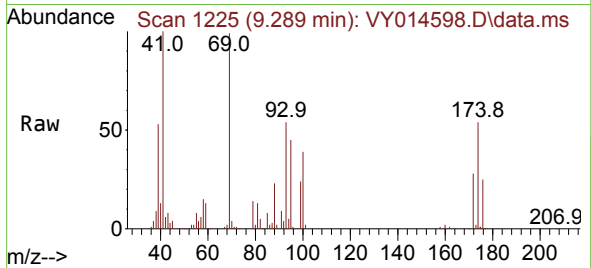




#49
1,4-Dioxane
Concen: 401.399 ug/l
RT: 9.289 min Scan# 11
Delta R.T. -0.030 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

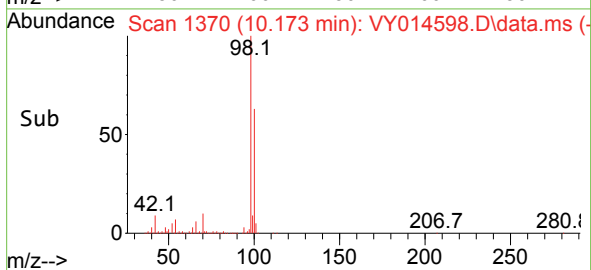
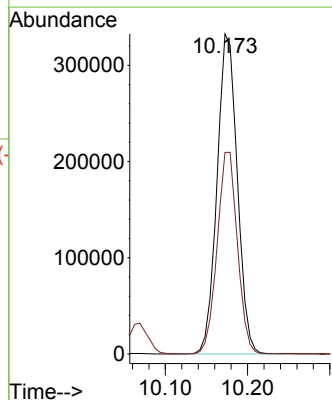
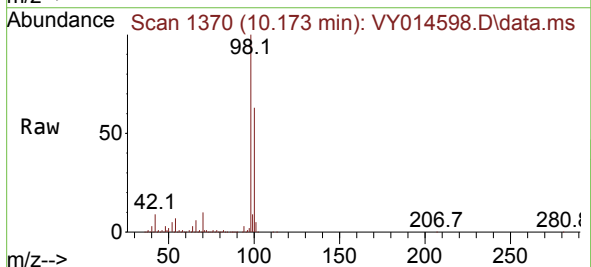
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

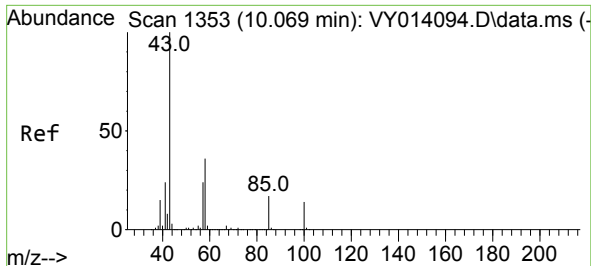
Tgt Ion: 88 Resp: 15565
Ion Ratio Lower Upper
88 100
43 24.5 0.0 0.0#
58 71.4 30.9 46.3#



#50
Toluene-d8
Concen: 48.056 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.005 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

Tgt Ion: 98 Resp: 569817
Ion Ratio Lower Upper
98 100
100 63.2 50.1 75.1

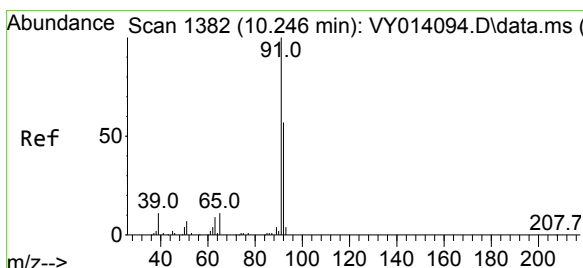
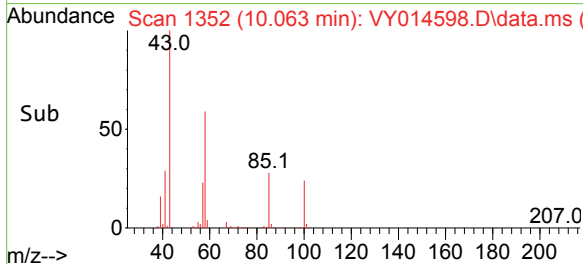
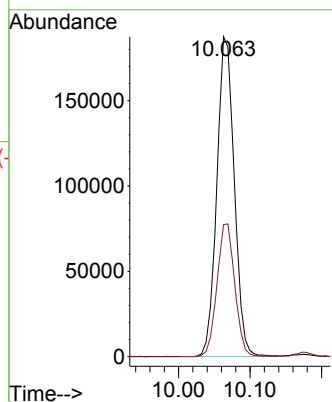
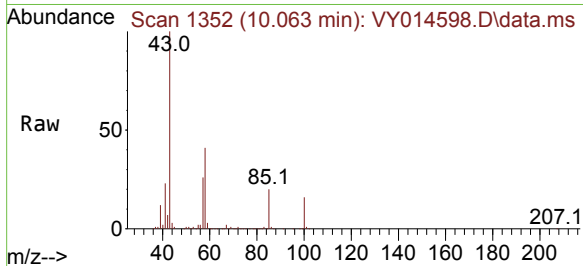




#51
4-Methyl-2-Pentanone
Concen: 100.457 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

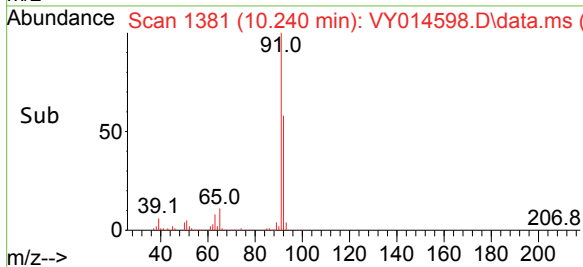
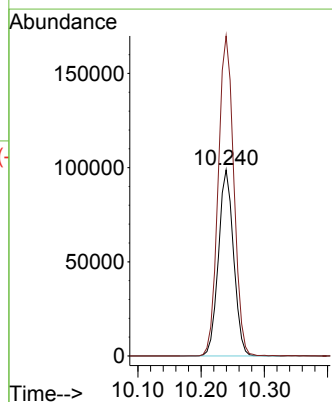
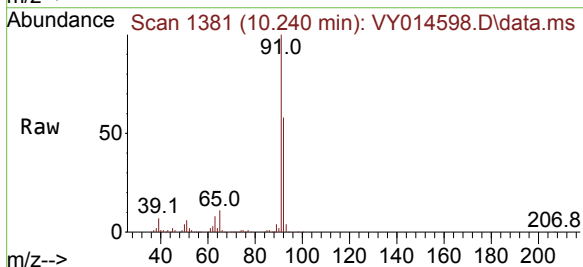
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

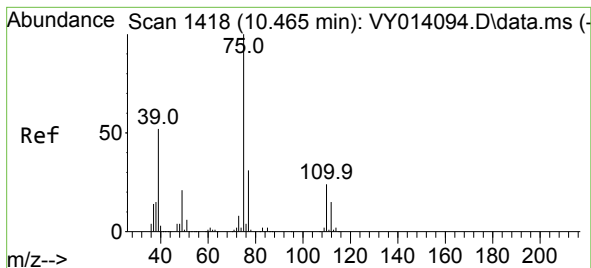
Tgt Ion: 43 Resp: 317498
Ion Ratio Lower Upper
43 100
58 42.4 29.0 43.6



#52
Toluene
Concen: 18.692 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

Tgt Ion: 92 Resp: 163552
Ion Ratio Lower Upper
92 100
91 177.4 143.8 215.6

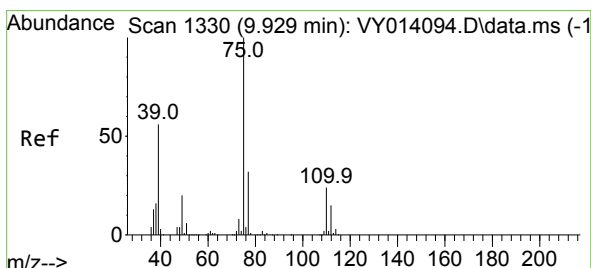
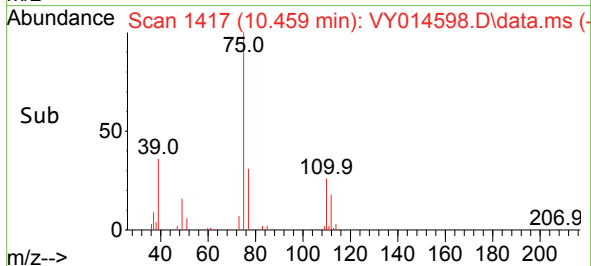
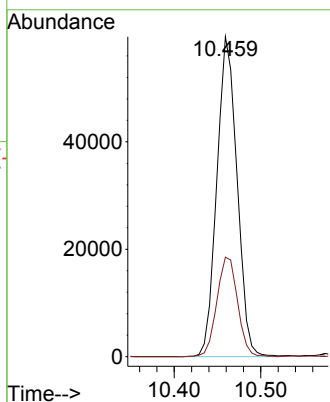
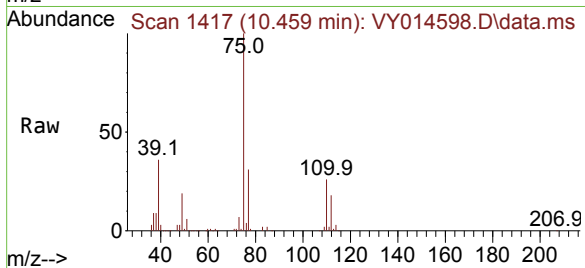




#53
 t-1,3-Dichloropropene
 Concen: 18.889 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY014598.D
 Acq: 07 Jul 2023 11:35

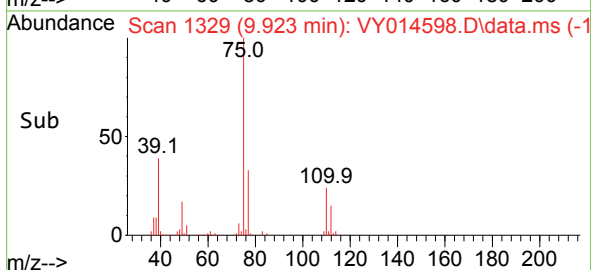
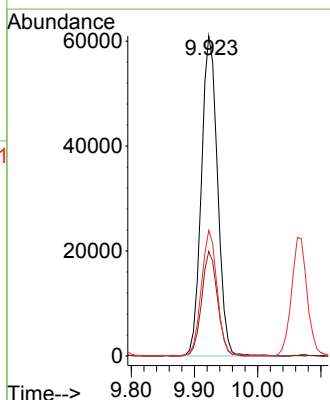
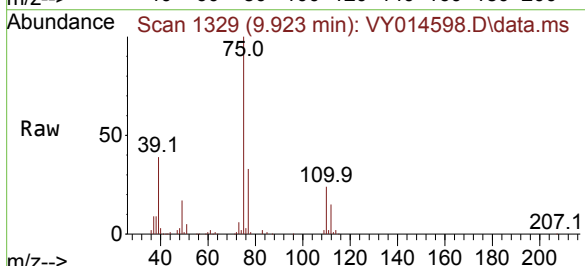
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBSD01

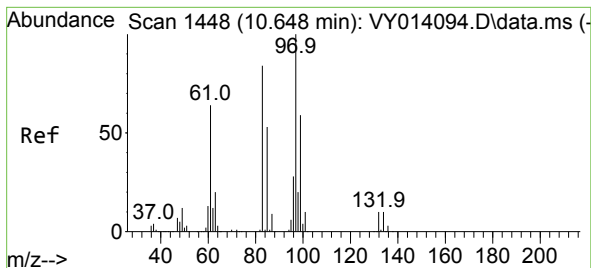
Tgt Ion: 75 Resp: 96646
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 18.988 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY014598.D
 Acq: 07 Jul 2023 11:35

Tgt Ion: 75 Resp: 108398
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.2 36.4
 39 39.1 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 19.537 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBSD01

Tgt Ion: 97 Resp: 61733

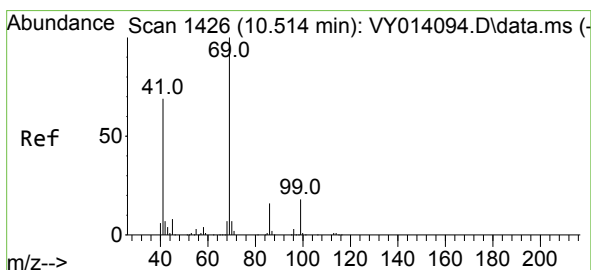
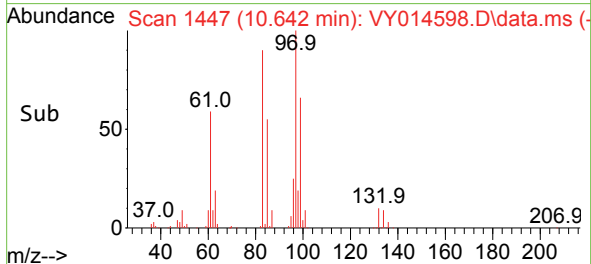
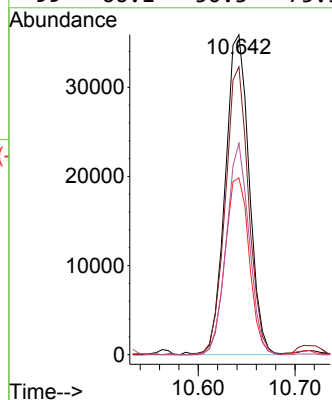
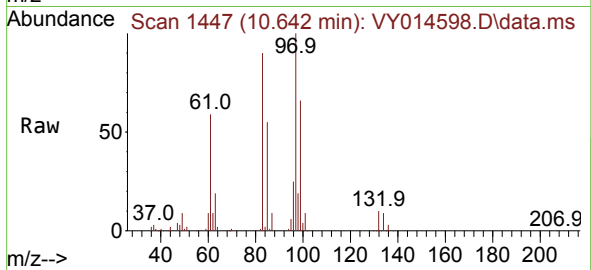
Ion Ratio Lower Upper

97 100

83 90.0 72.0 108.0

85 55.3 45.4 68.0

99 66.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 18.876 ug/l

RT: 10.502 min Scan# 1424

Delta R.T. -0.012 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

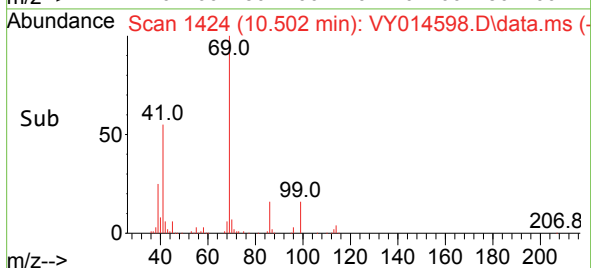
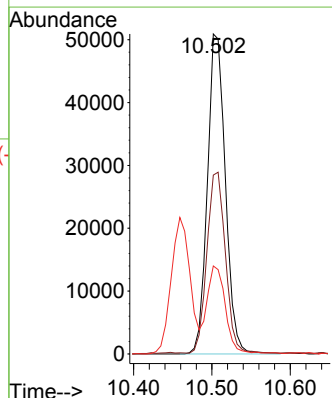
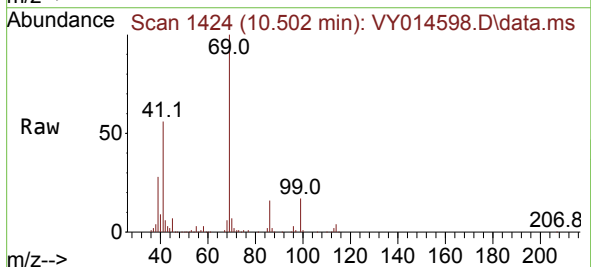
Tgt Ion: 69 Resp: 81134

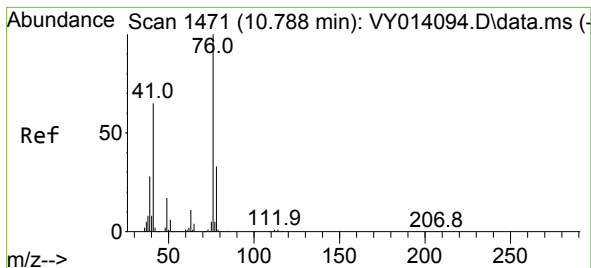
Ion Ratio Lower Upper

69 100

41 58.2 57.6 86.4

39 27.6 34.1 51.1#

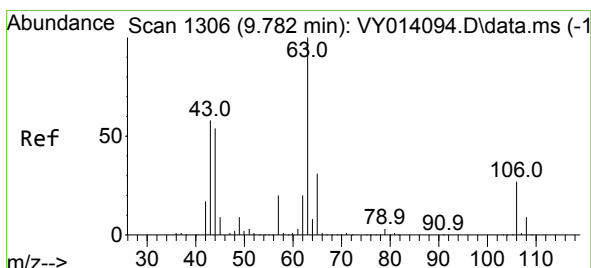
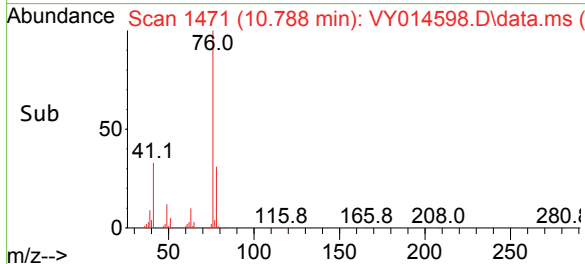
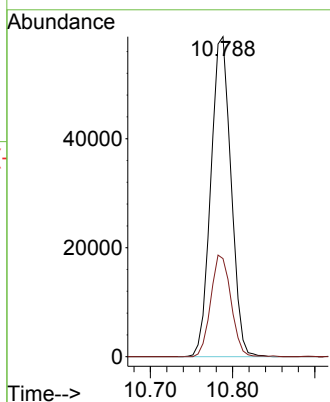
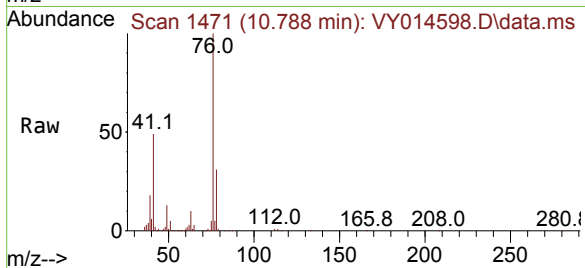




#57
1,3-Dichloropropane
Concen: 19.438 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

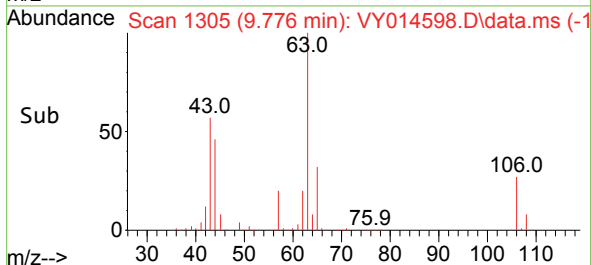
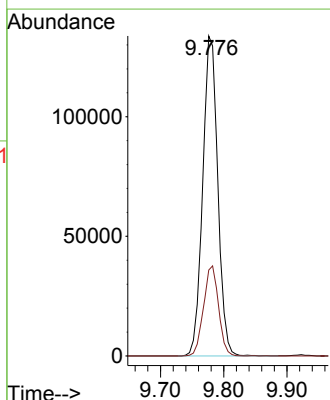
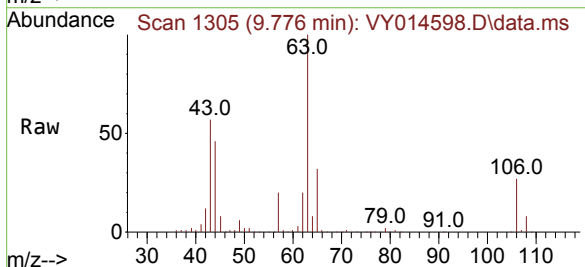
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

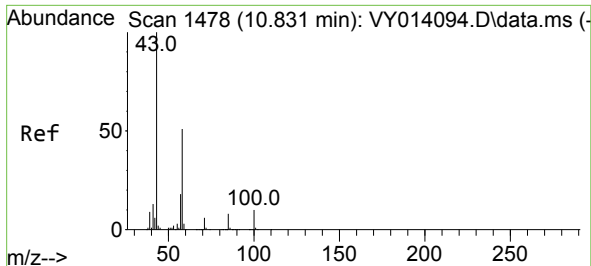
Tgt Ion: 76 Resp: 100076
Ion Ratio Lower Upper
76 100
78 31.9 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 106.552 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

Tgt Ion: 63 Resp: 221874
Ion Ratio Lower Upper
63 100
106 28.0 21.2 31.8





#59

2-Hexanone

Concen: 101.282 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

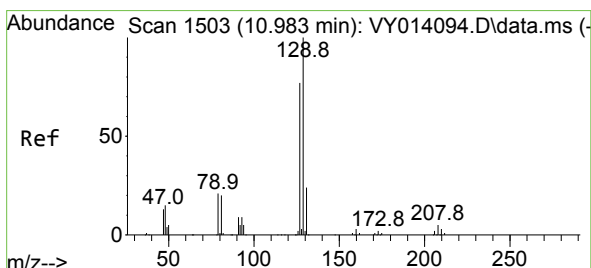
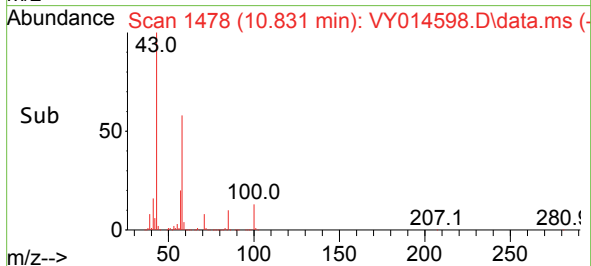
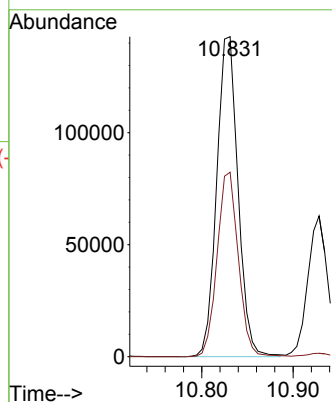
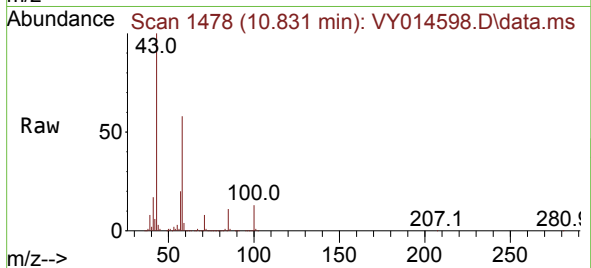
VY0707SBSD01

Tgt Ion: 43 Resp: 231231

Ion Ratio Lower Upper

43 100

58 57.5 25.1 75.3



#60

Dibromochloromethane

Concen: 19.670 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY014598.D

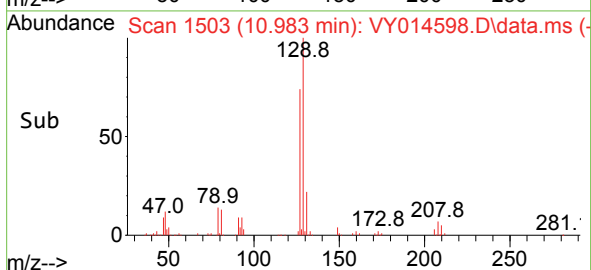
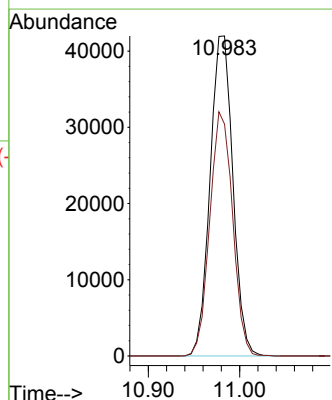
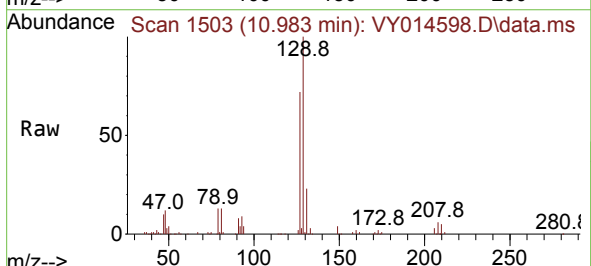
Acq: 07 Jul 2023 11:35

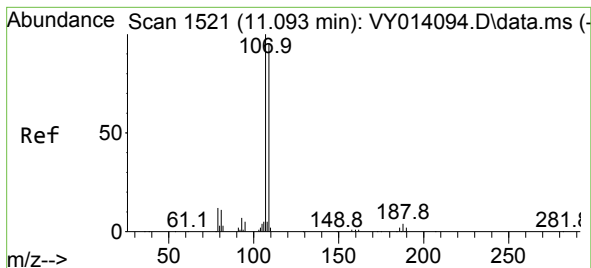
Tgt Ion:129 Resp: 72829

Ion Ratio Lower Upper

129 100

127 76.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.667 ug/l

RT: 11.087 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

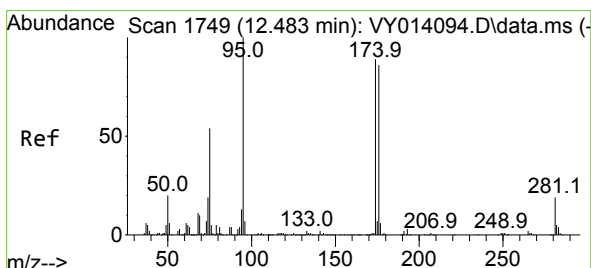
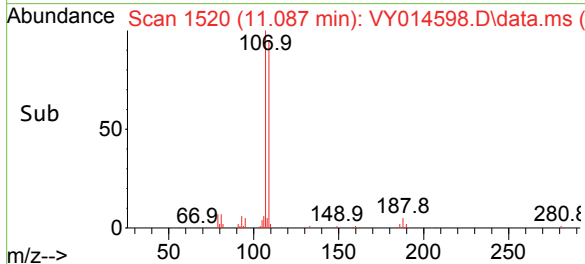
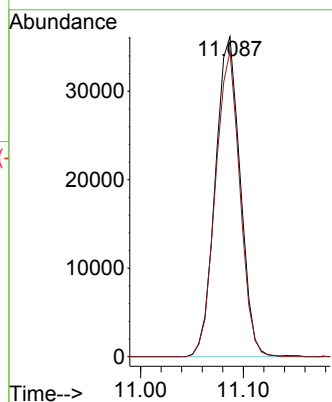
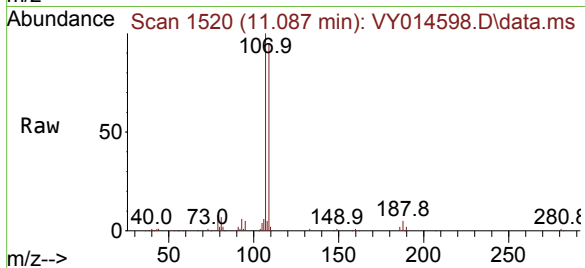
VY0707SBSD01

Tgt Ion:107 Resp: 60671

Ion Ratio Lower Upper

107 100

109 93.8 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 48.046 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

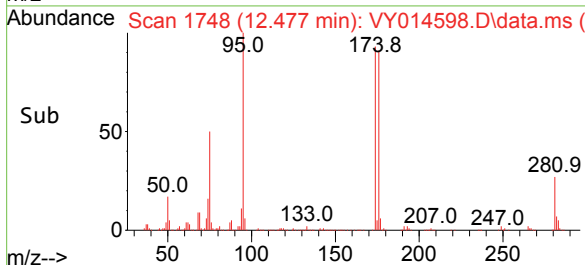
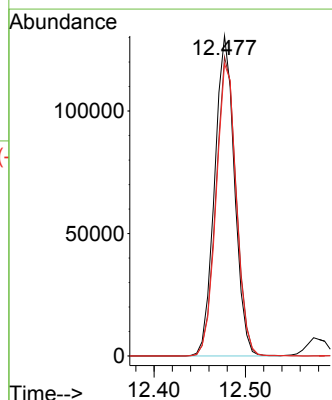
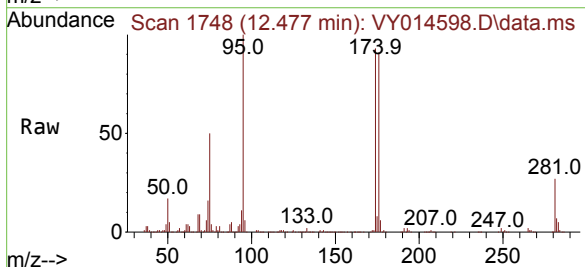
Tgt Ion: 95 Resp: 197824

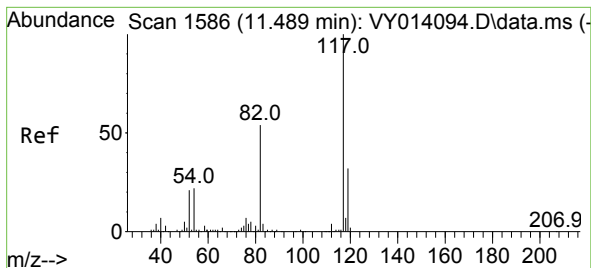
Ion Ratio Lower Upper

95 100

174 95.0 0.0 178.2

176 92.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBSD01

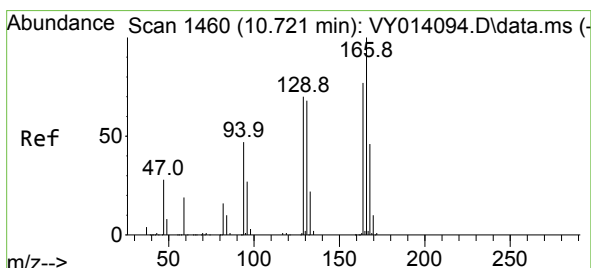
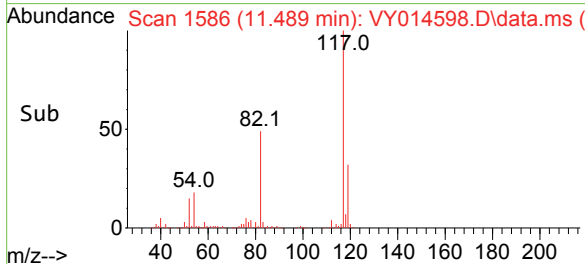
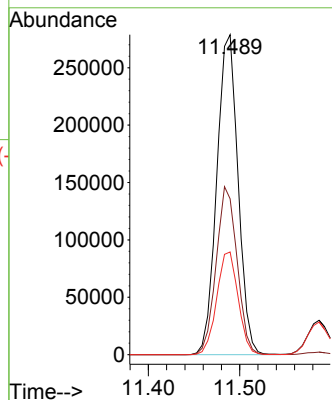
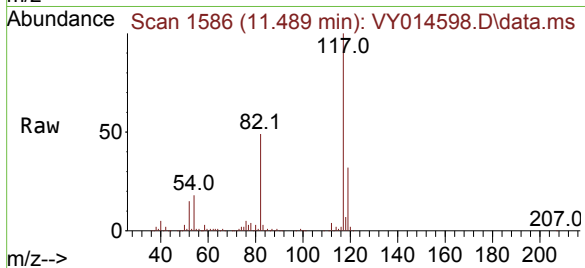
Tgt Ion:117 Resp: 450566

Ion Ratio Lower Upper

117 100

82 48.7 43.4 65.0

119 32.1 26.3 39.5



#64

Tetrachloroethene

Concen: 20.278 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

Tgt Ion:164 Resp: 81674

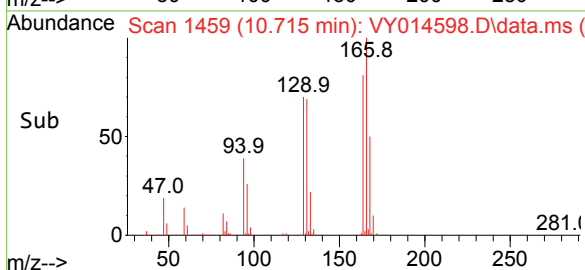
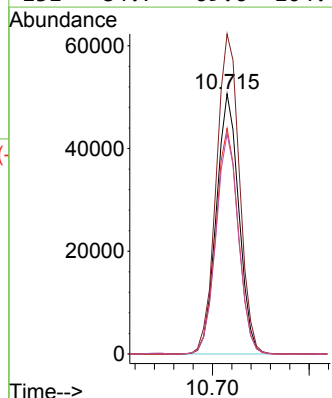
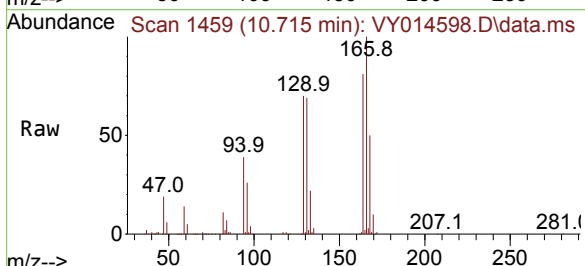
Ion Ratio Lower Upper

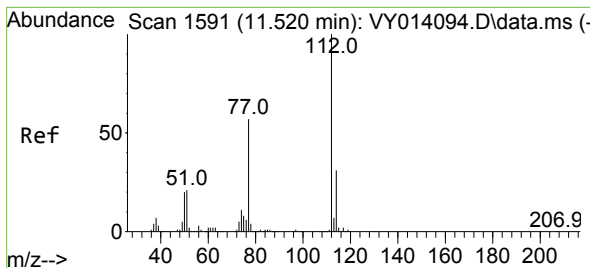
164 100

166 123.0 103.0 154.6

129 86.7 77.2 115.8

131 84.7 69.6 104.4





#65

Chlorobenzene

Concen: 18.908 ug/l

RT: 11.514 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

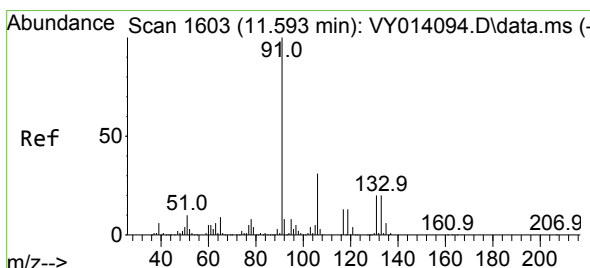
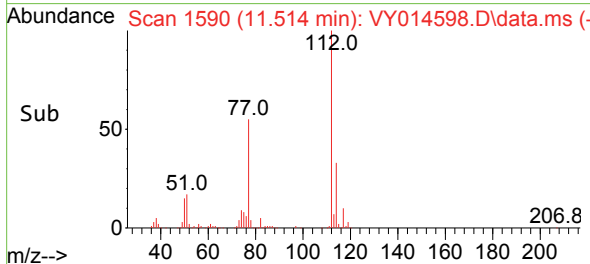
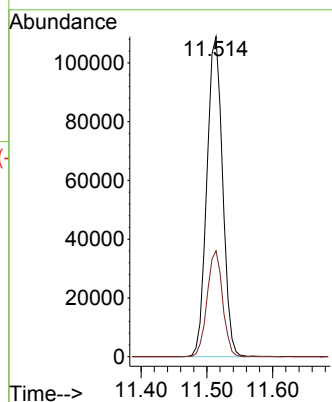
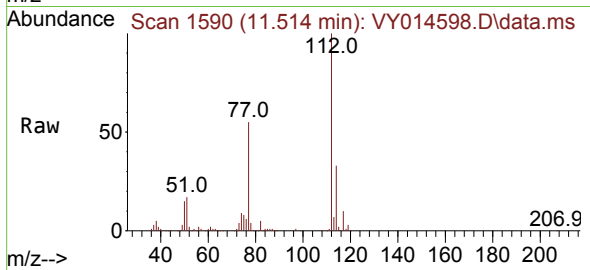
VY0707SBS01

Tgt Ion:112 Resp: 181556

Ion Ratio Lower Upper

112 100

114 33.1 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.190 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

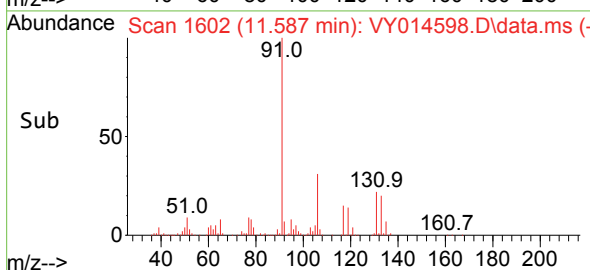
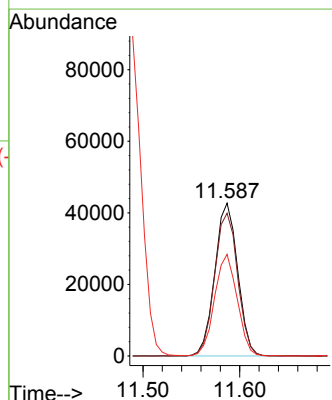
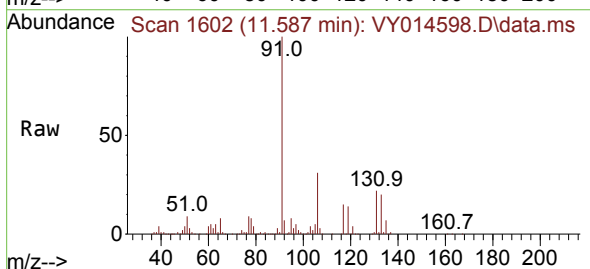
Tgt Ion:131 Resp: 70035

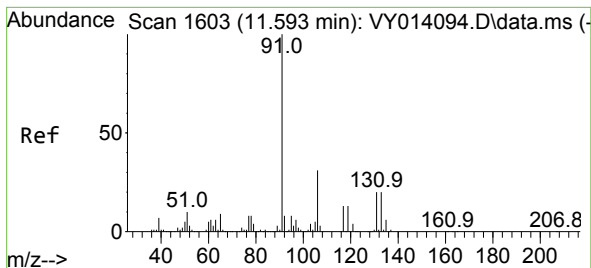
Ion Ratio Lower Upper

131 100

133 94.5 47.5 142.6

119 65.8 31.6 94.7





#67

Ethyl Benzene

Concen: 18.741 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

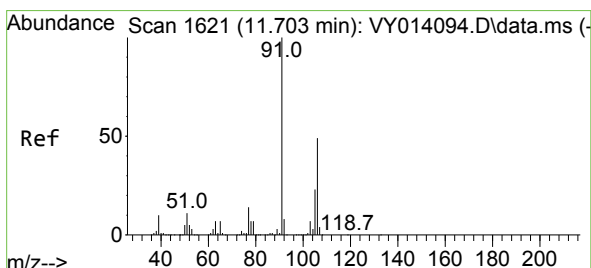
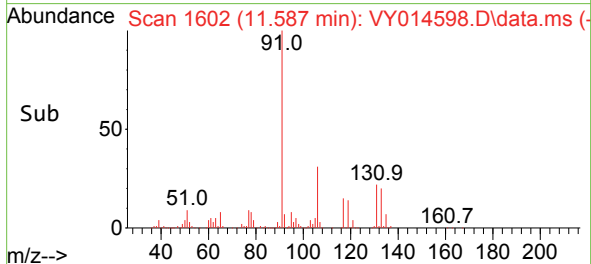
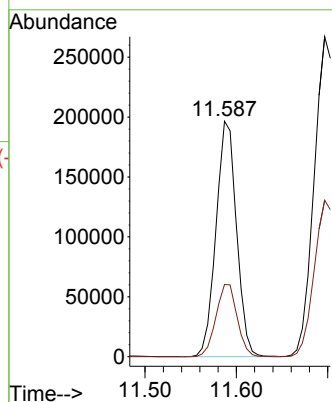
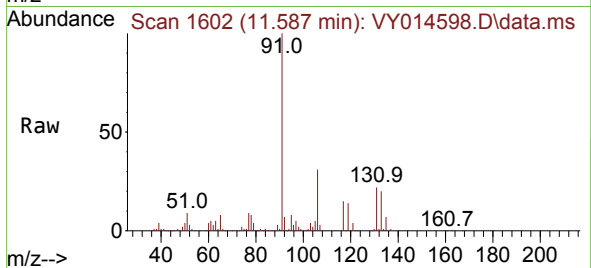
VY0707SBS01

Tgt Ion: 91 Resp: 306878

Ion Ratio Lower Upper

91 100

106 30.6 24.6 36.8



#68

m/p-Xylenes

Concen: 36.837 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY014598.D

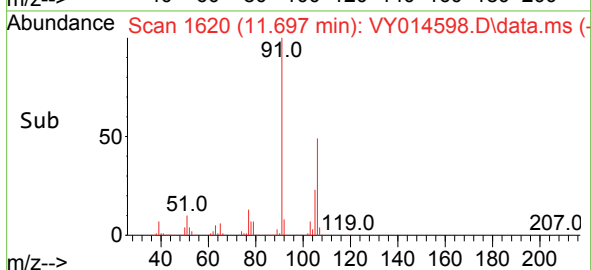
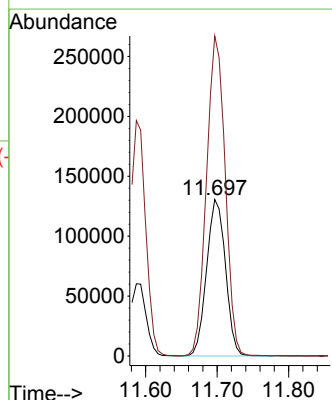
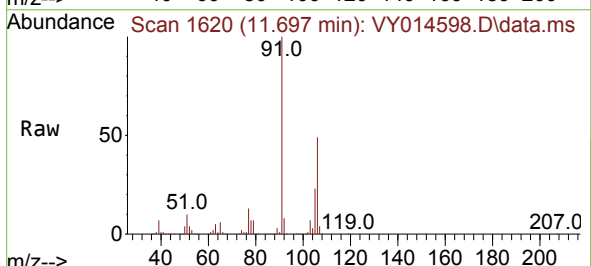
Acq: 07 Jul 2023 11:35

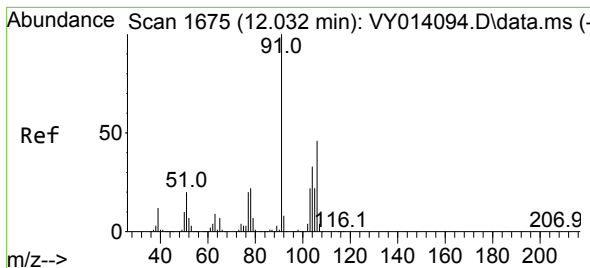
Tgt Ion:106 Resp: 239262

Ion Ratio Lower Upper

106 100

91 202.5 166.1 249.1





#69

o-Xylene

Concen: 18.469 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

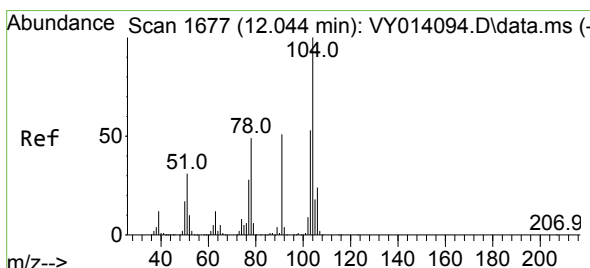
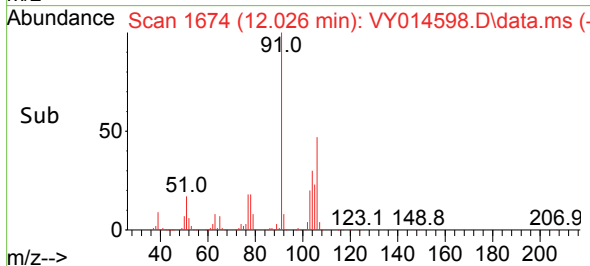
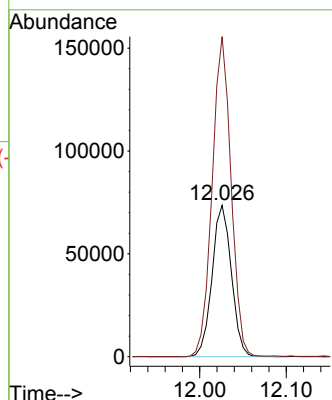
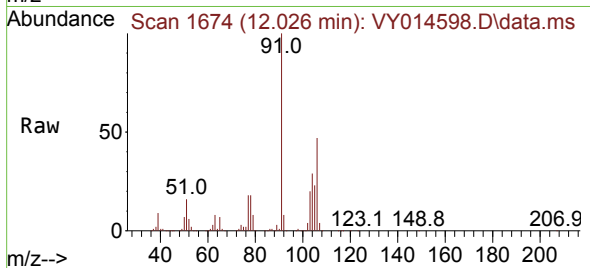
VY0707SBS01

Tgt Ion:106 Resp: 113776

Ion Ratio Lower Upper

106 100

91 207.5 108.1 324.3



#70

Styrene

Concen: 18.668 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

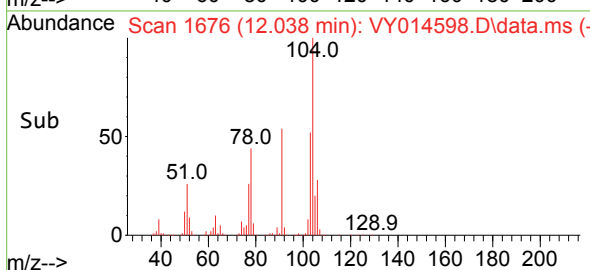
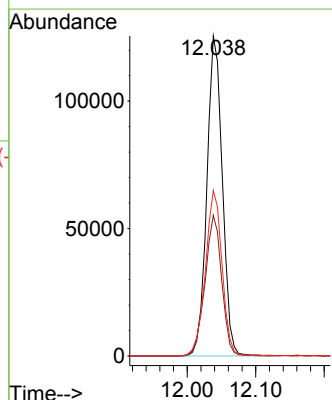
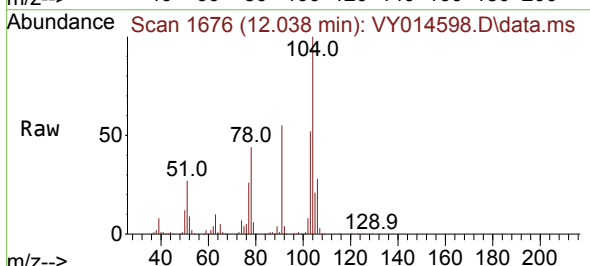
Tgt Ion:104 Resp: 197855

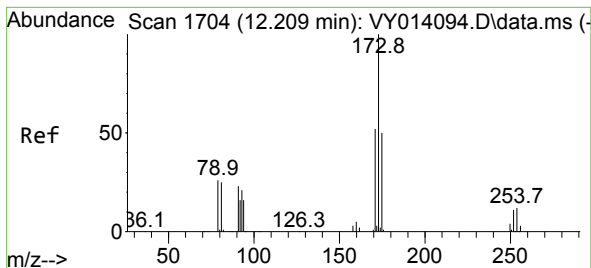
Ion Ratio Lower Upper

104 100

78 47.3 41.5 62.3

103 55.6 44.6 67.0





#71

Bromoform

Concen: 20.060 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

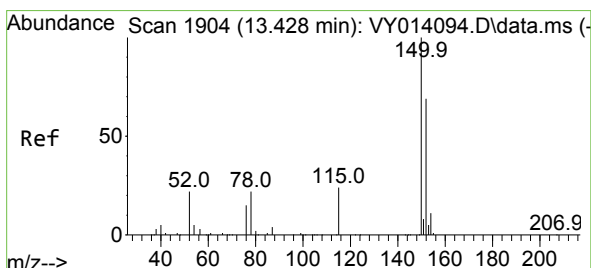
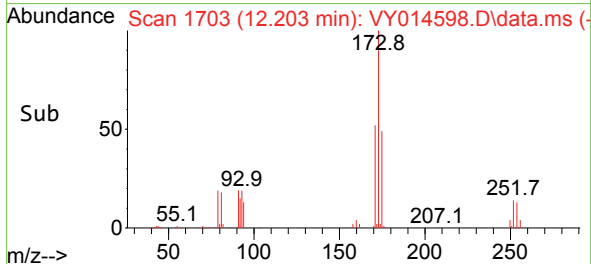
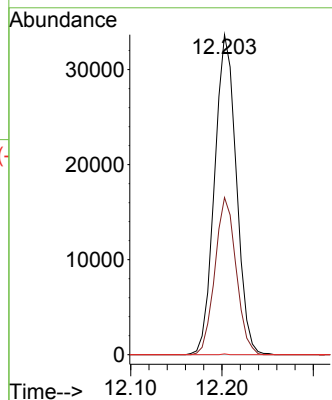
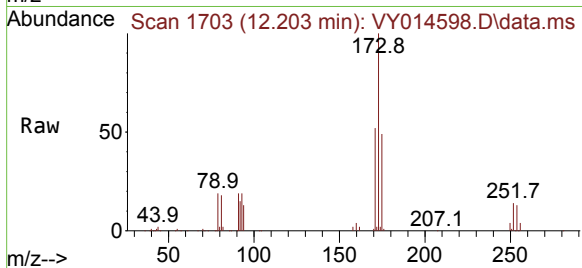
Tgt Ion:173 Resp: 55617

Ion Ratio Lower Upper

173 100

175 47.9 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

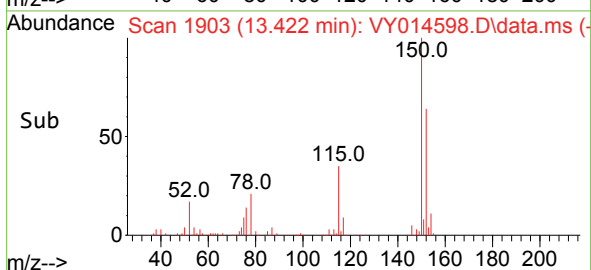
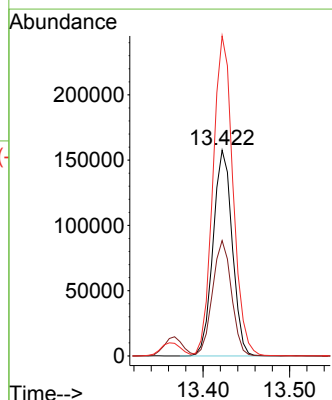
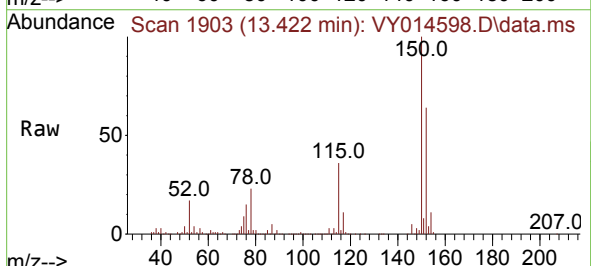
Tgt Ion:152 Resp: 242791

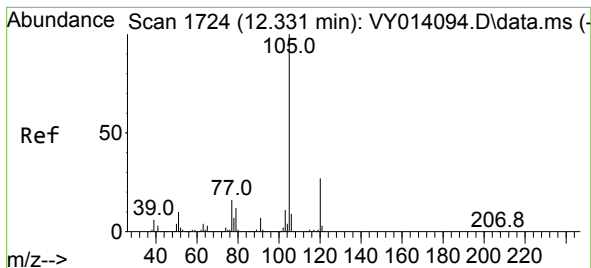
Ion Ratio Lower Upper

152 100

115 55.4 28.8 86.5

150 162.6 0.0 348.8





#73

Isopropylbenzene

Concen: 18.880 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

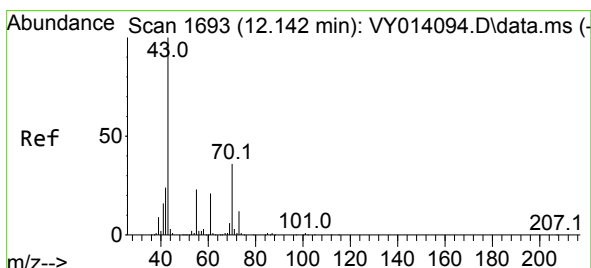
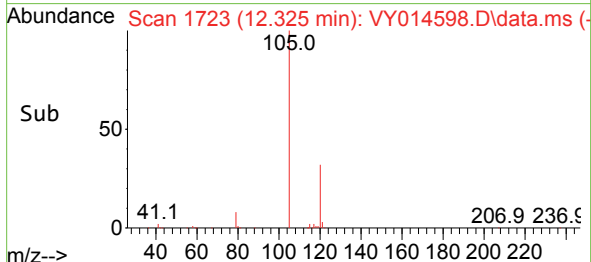
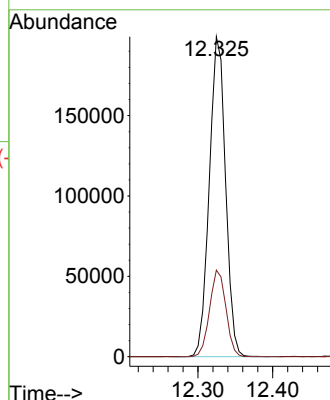
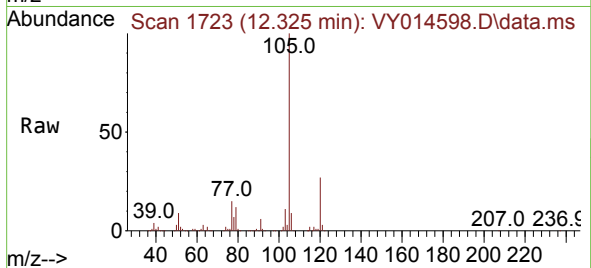
VY0707SBSD01

Tgt Ion:105 Resp: 300216

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.9



#74

N-ethyl acetate

Concen: 19.739 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

Tgt Ion: 43 Resp: 94730

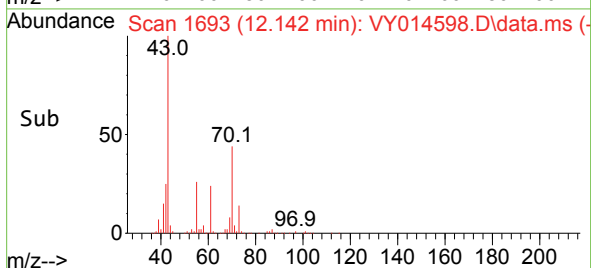
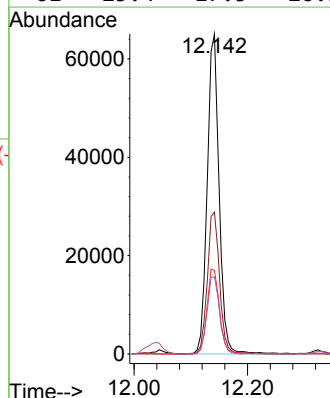
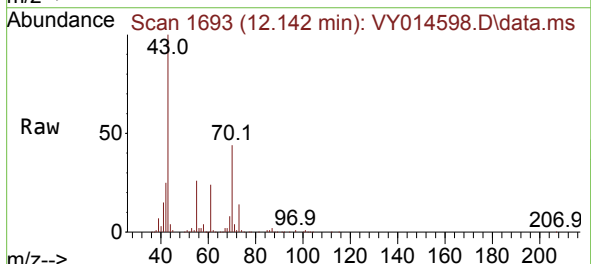
Ion Ratio Lower Upper

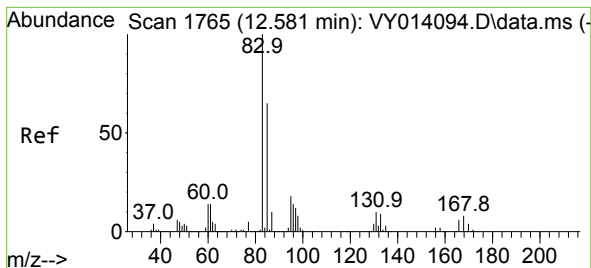
43 100

70 45.9 29.7 44.5#

55 28.1 18.3 27.5#

61 25.4 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.774 ug/l

RT: 12.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

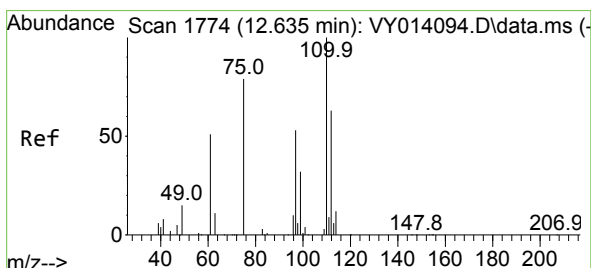
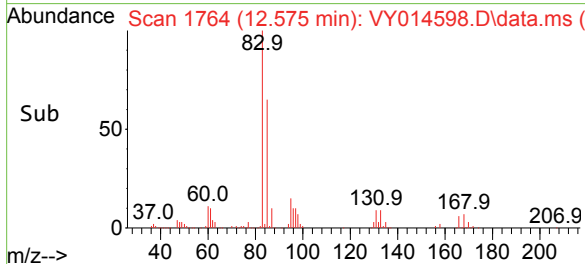
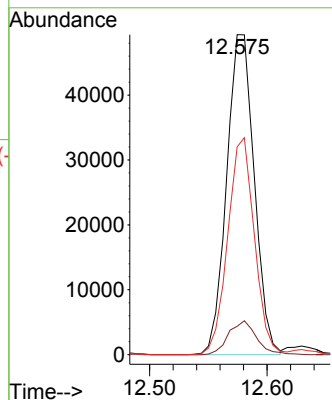
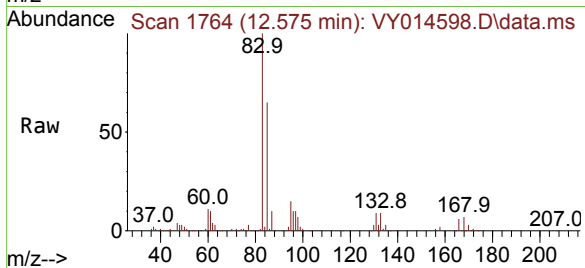
Tgt Ion: 83 Resp: 80688

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

85 65.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 36.313 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY014598.D

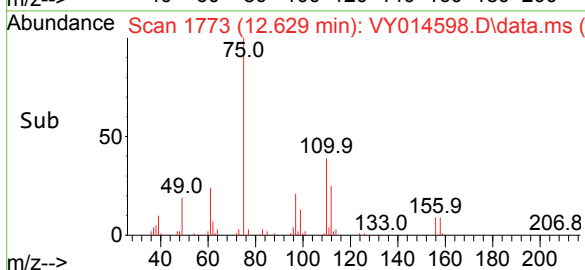
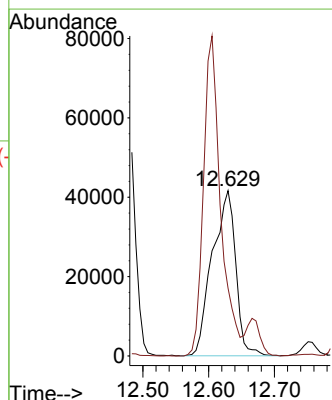
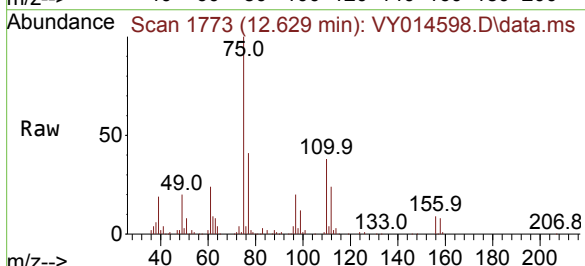
Acq: 07 Jul 2023 11:35

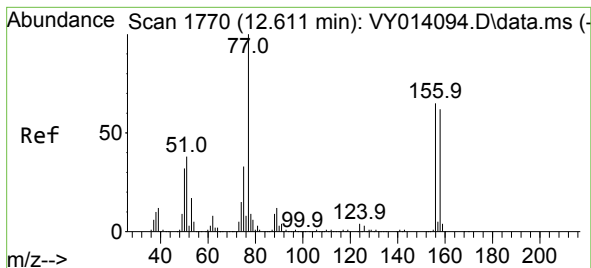
Tgt Ion: 75 Resp: 103457

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.861 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

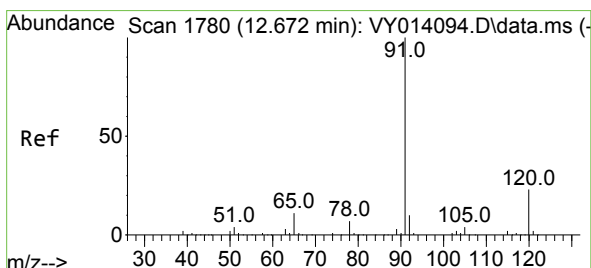
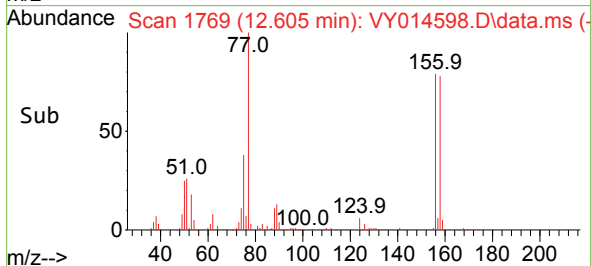
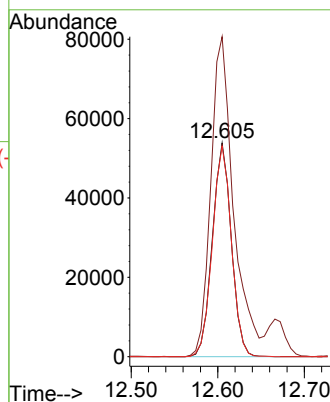
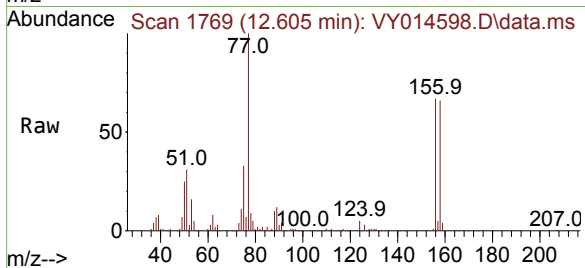
Tgt Ion:156 Resp: 81913

Ion Ratio Lower Upper

156 100

77 178.4 92.8 278.6

158 99.3 48.4 145.3



#78

n-propylbenzene

Concen: 19.000 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY014598.D

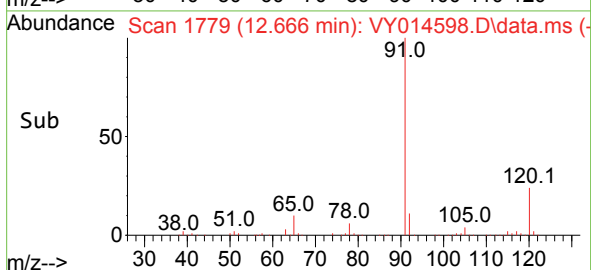
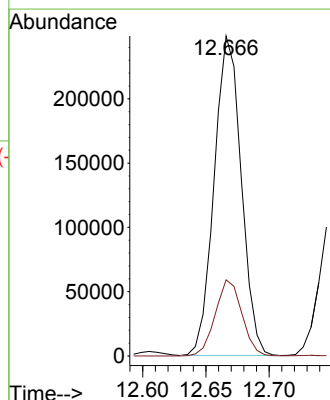
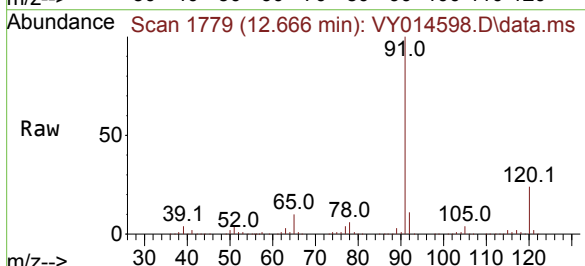
Acq: 07 Jul 2023 11:35

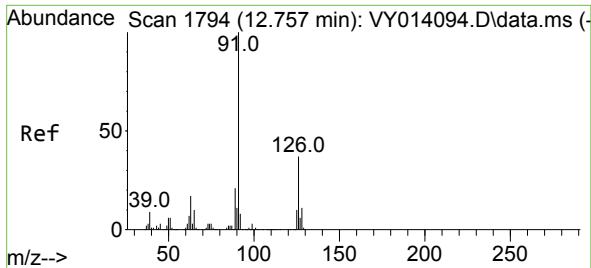
Tgt Ion: 91 Resp: 368543

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

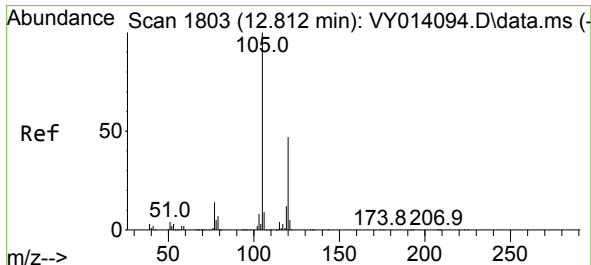
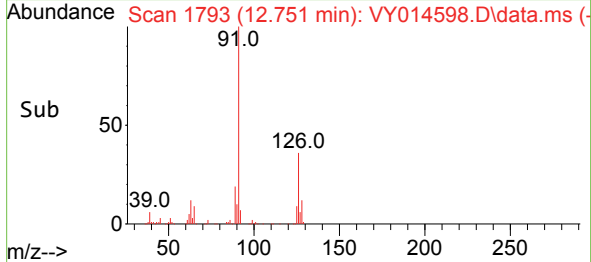
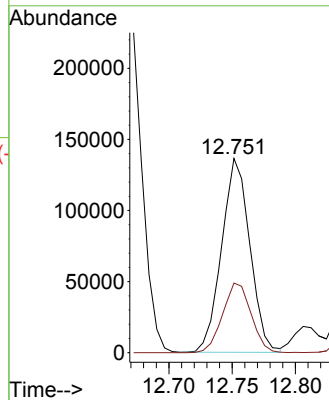
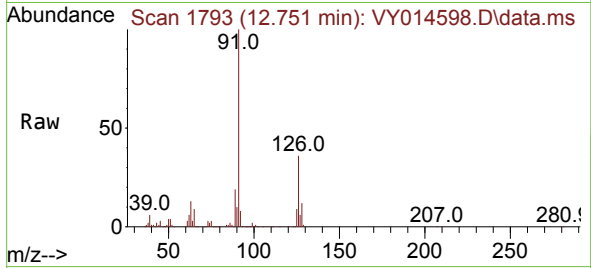




#79
2-Chlorotoluene
Concen: 18.961 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

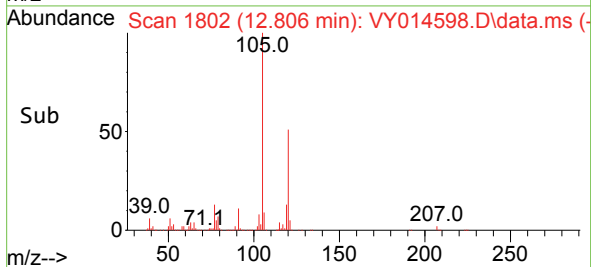
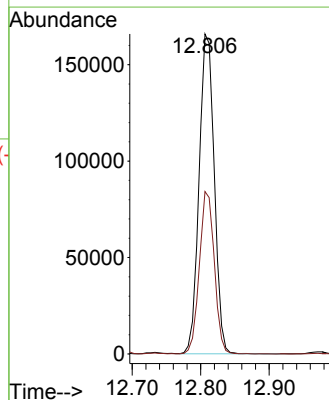
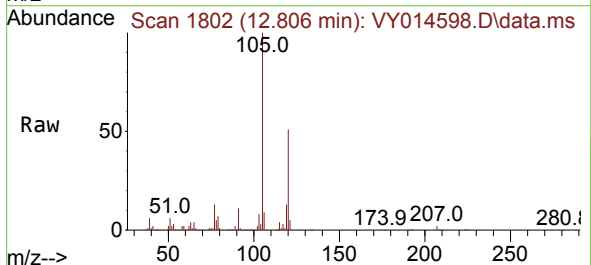
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

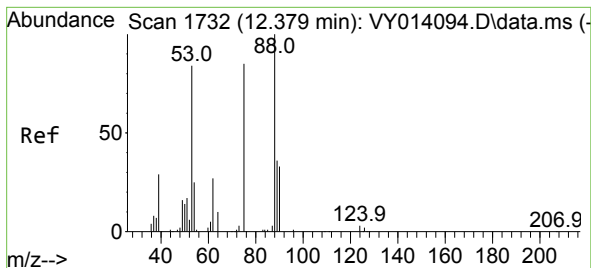
Tgt Ion: 91 Resp: 211651
Ion Ratio Lower Upper
91 100
126 36.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.007 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

Tgt Ion: 105 Resp: 255861
Ion Ratio Lower Upper
105 100
120 50.1 23.9 71.7

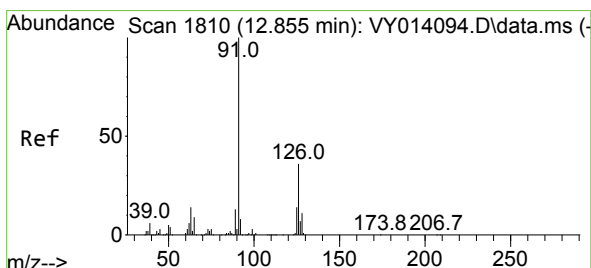
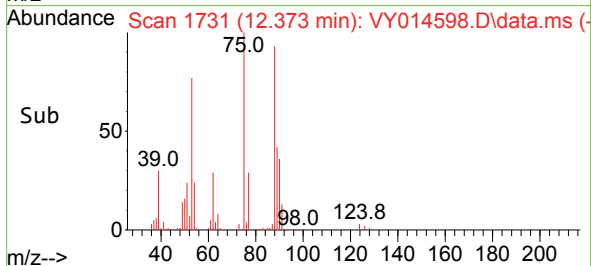
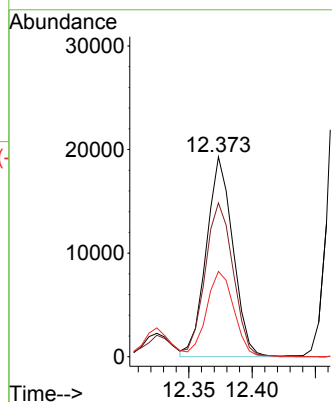
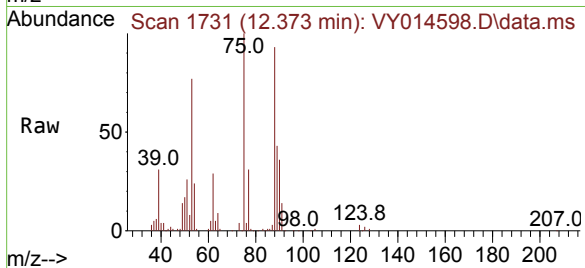




#81
trans-1,4-Dichloro-2-butene
Concen: 19.334 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

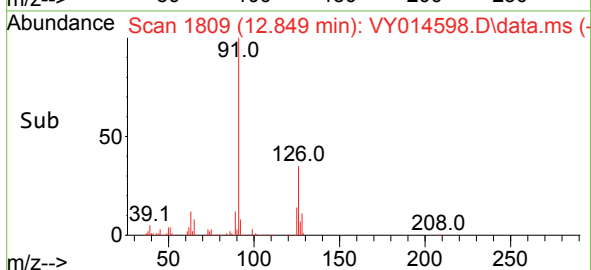
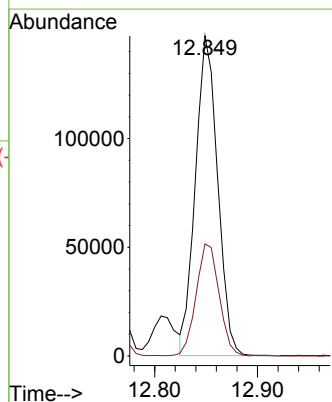
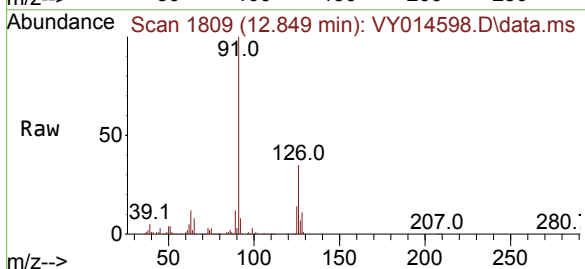
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

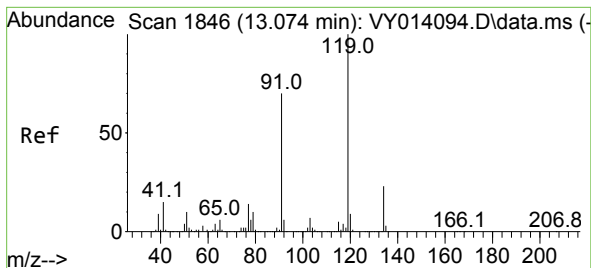
Tgt Ion: 75 Resp: 28300
Ion Ratio Lower Upper
75 100
53 81.2 77.8 116.8
89 43.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 18.883 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

Tgt Ion: 91 Resp: 220829
Ion Ratio Lower Upper
91 100
126 36.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 18.684 ug/l

RT: 13.074 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBSD01

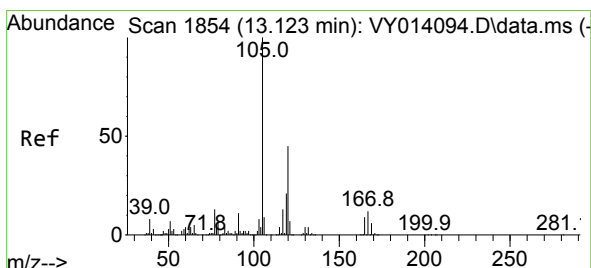
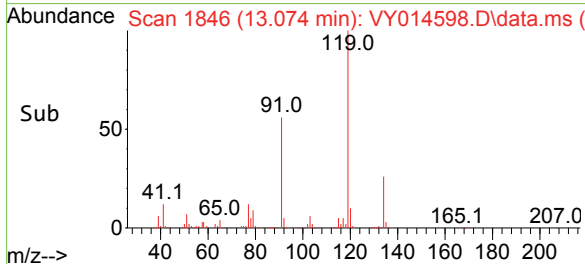
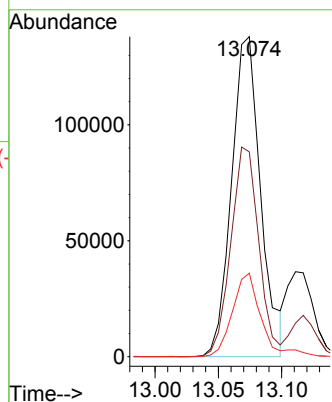
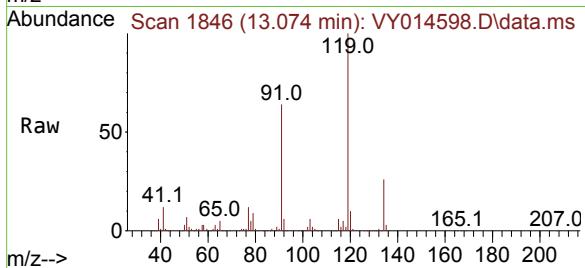
Tgt Ion:119 Resp: 221039

Ion Ratio Lower Upper

119 100

91 63.1 32.9 98.6

134 25.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 18.711 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY014598.D

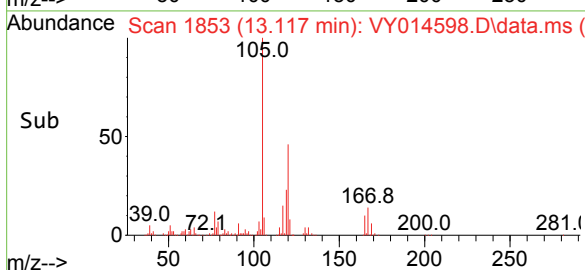
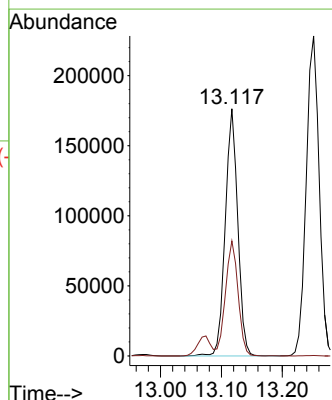
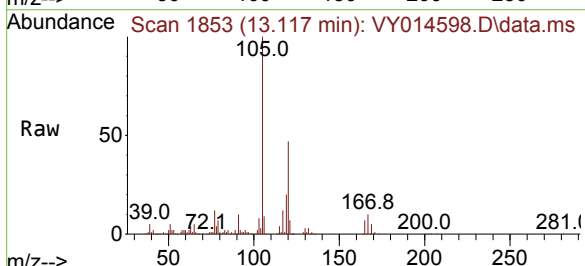
Acq: 07 Jul 2023 11:35

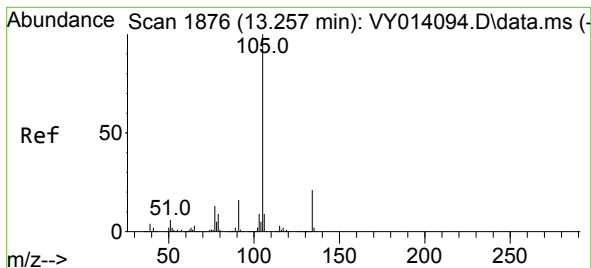
Tgt Ion:105 Resp: 251342

Ion Ratio Lower Upper

105 100

120 47.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.253 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

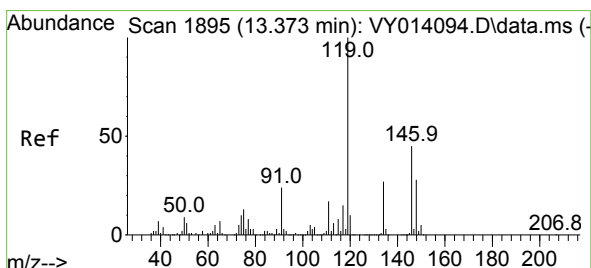
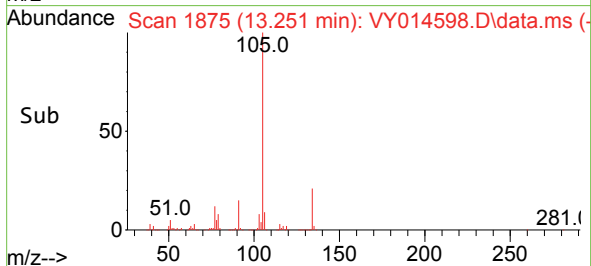
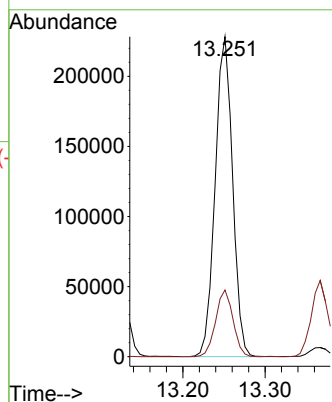
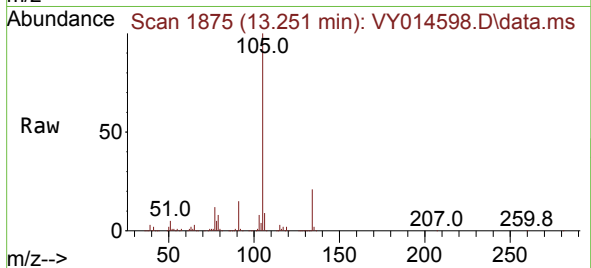
VY0707SBSD01

Tgt Ion:105 Resp: 336108

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.6



#86

p-Isopropyltoluene

Concen: 18.965 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

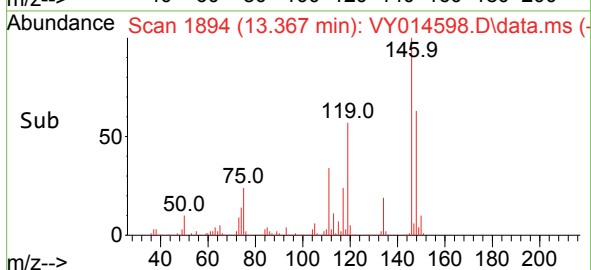
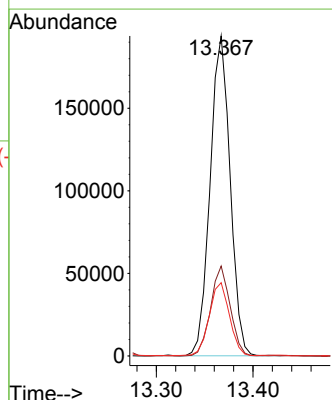
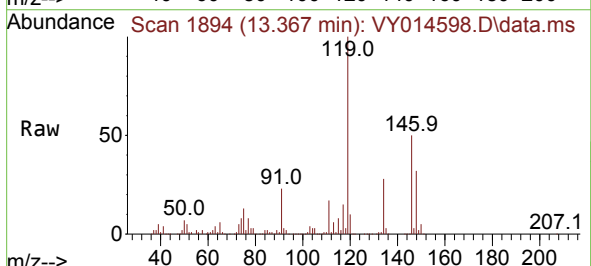
Tgt Ion:119 Resp: 278627

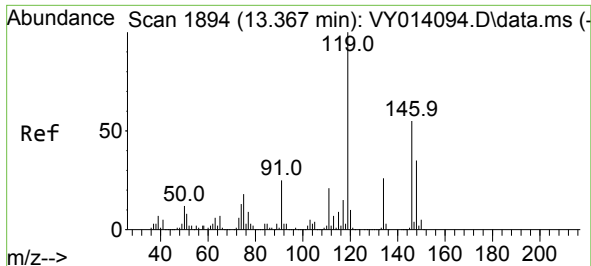
Ion Ratio Lower Upper

119 100

134 27.6 13.3 39.8

91 23.0 12.4 37.4

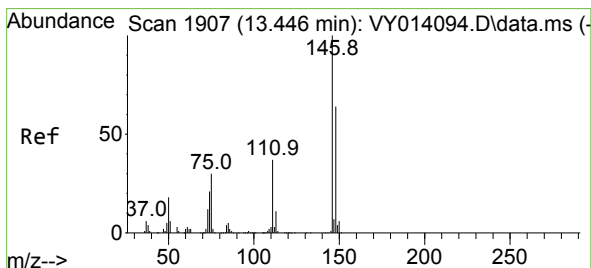
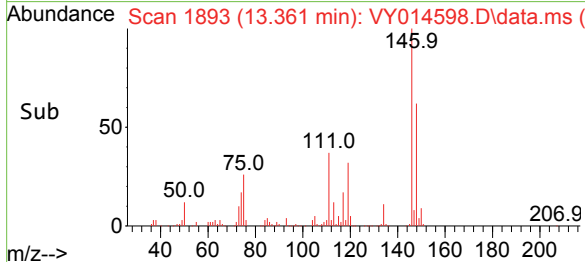
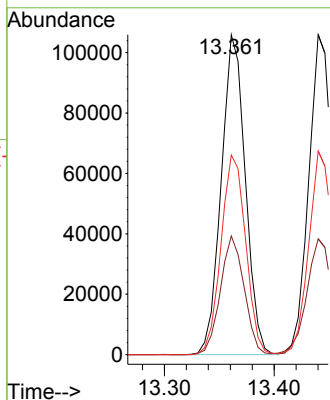
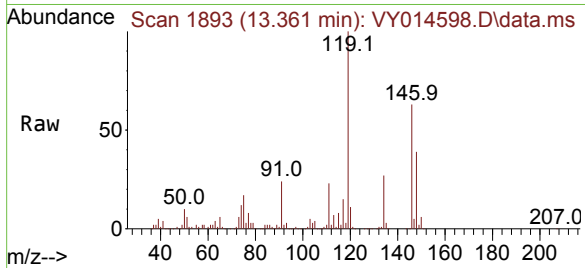




#87
1,3-Dichlorobenzene
Concen: 19.033 ug/l
RT: 13.361 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

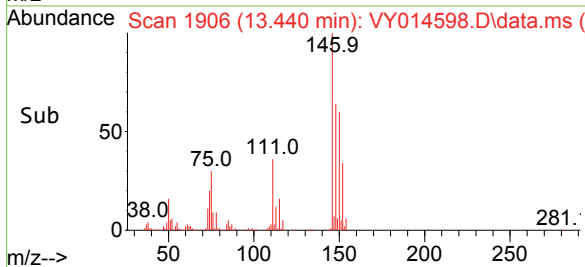
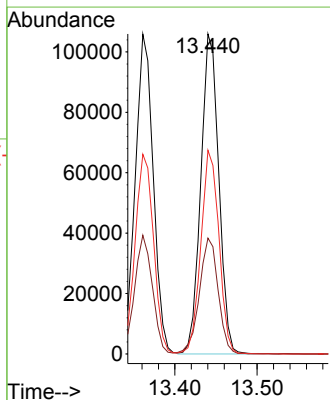
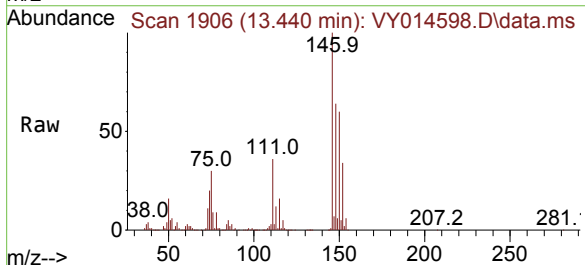
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

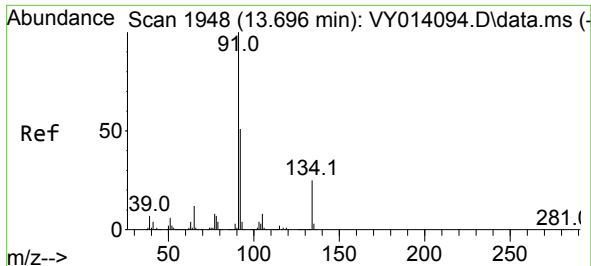
Tgt Ion:146 Resp: 161618
Ion Ratio Lower Upper
146 100
111 36.6 19.4 58.2
148 64.0 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 18.933 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

Tgt Ion:146 Resp: 161123
Ion Ratio Lower Upper
146 100
111 37.8 18.9 56.7
148 64.0 32.1 96.5

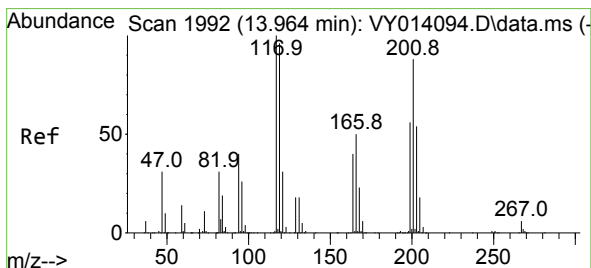
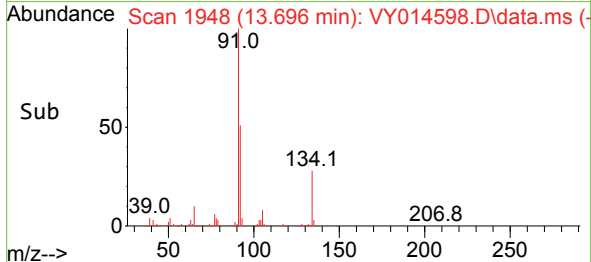
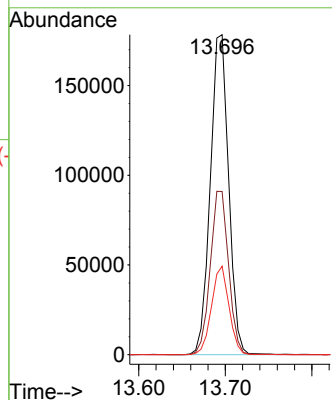
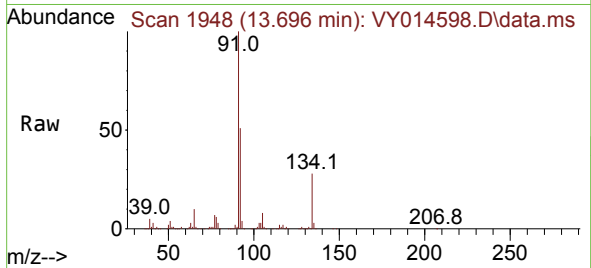




#89
n-Butylbenzene
Concen: 19.300 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

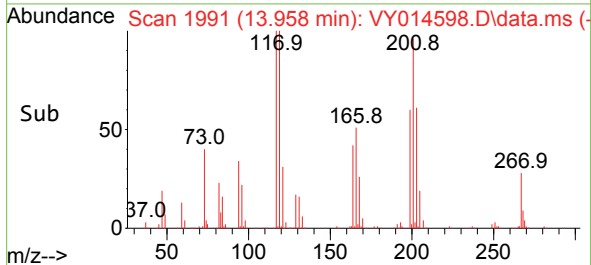
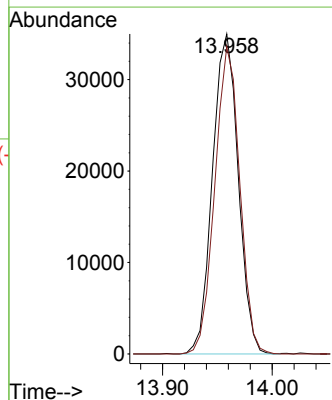
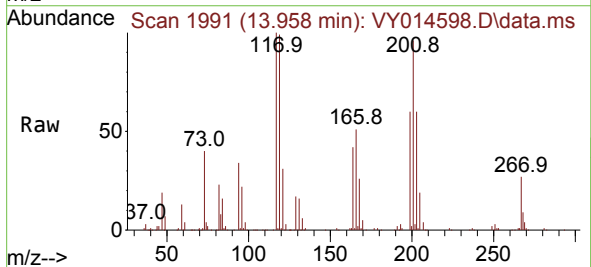
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

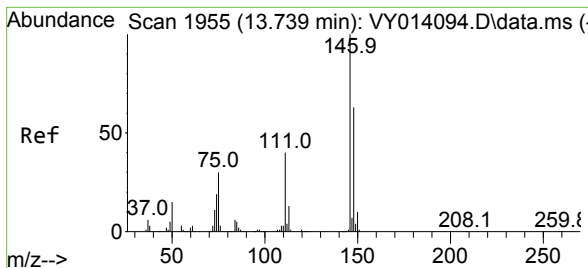
Tgt Ion: 91 Resp: 262035
Ion Ratio Lower Upper
91 100
92 51.1 25.4 76.0
134 26.5 12.6 37.6



#90
Hexachloroethane
Concen: 19.636 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

Tgt Ion: 117 Resp: 57143
Ion Ratio Lower Upper
117 100
201 93.1 41.6 124.8

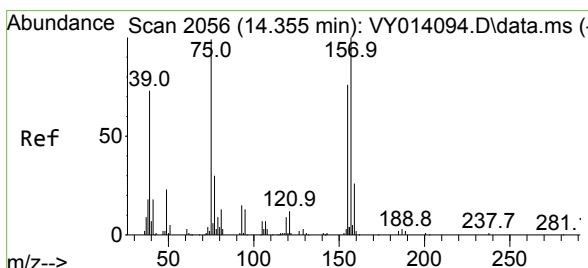
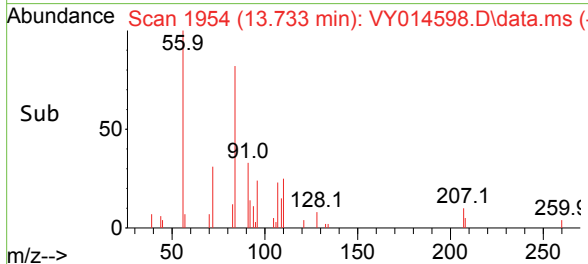
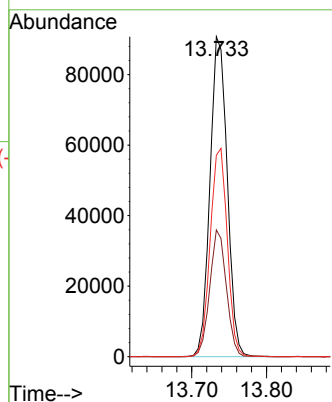
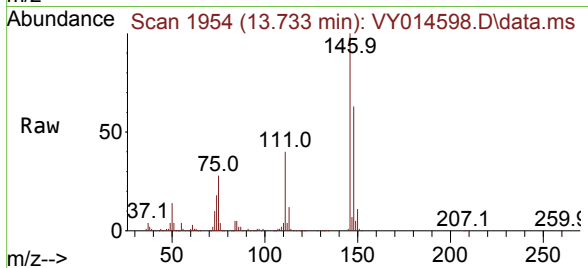




#91
 1,2-Dichlorobenzene
 Concen: 18.897 ug/l
 RT: 13.733 min Scan# 1954
 Delta R.T. -0.006 min
 Lab File: VY014598.D
 Acq: 07 Jul 2023 11:35

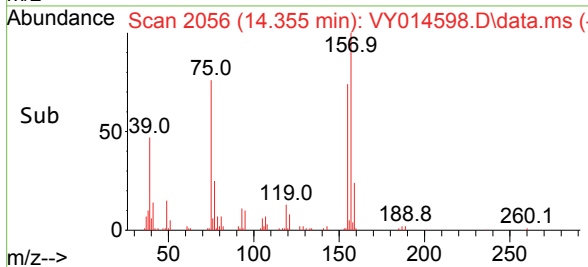
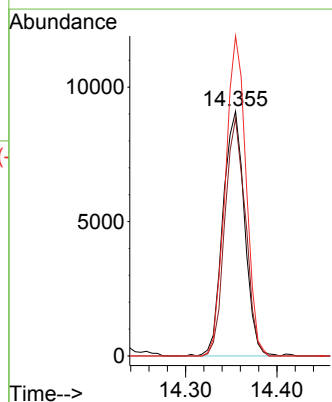
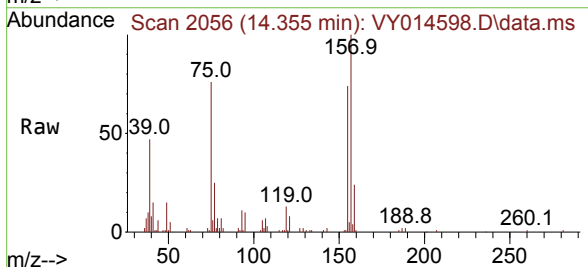
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBSD01

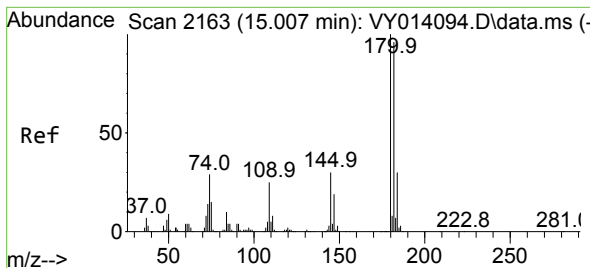
Tgt Ion:146 Resp: 145347
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.7 59.0
 148 64.8 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.029 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY014598.D
 Acq: 07 Jul 2023 11:35

Tgt Ion: 75 Resp: 14963
 Ion Ratio Lower Upper
 75 100
 155 92.2 41.5 124.6
 157 125.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.116 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

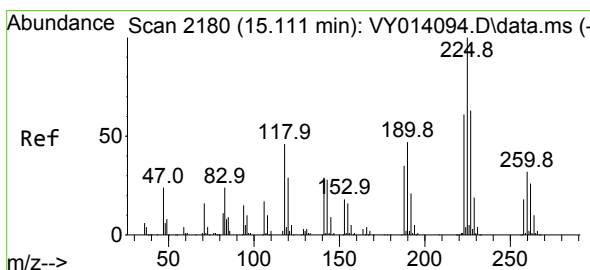
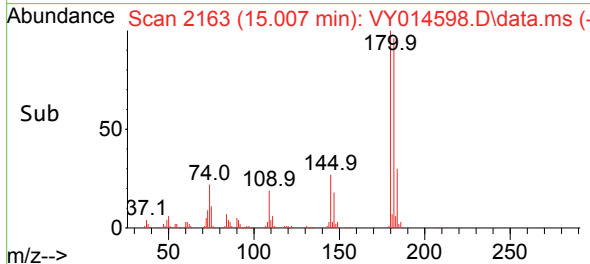
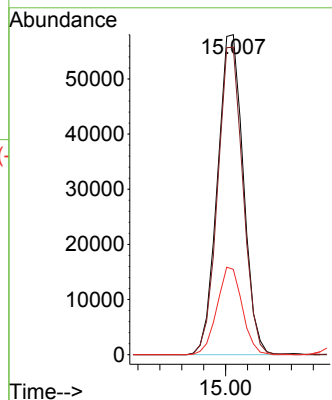
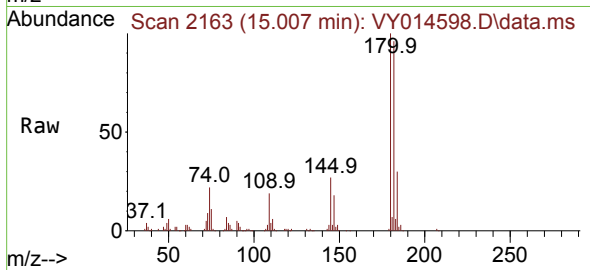
Tgt Ion:180 Resp: 94968

Ion Ratio Lower Upper

180 100

182 94.1 47.0 141.2

145 26.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.666 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY014598.D

Acq: 07 Jul 2023 11:35

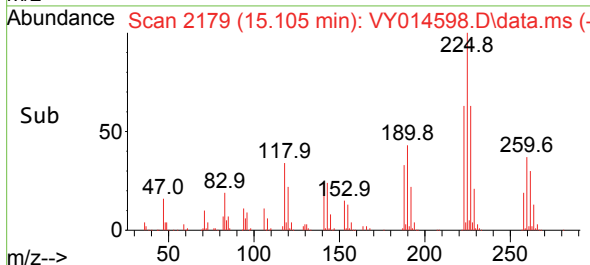
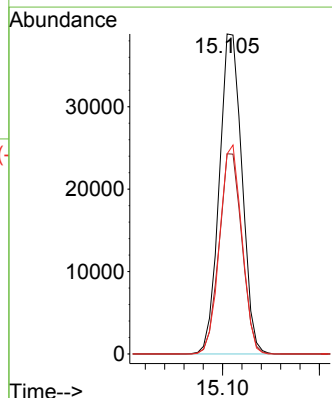
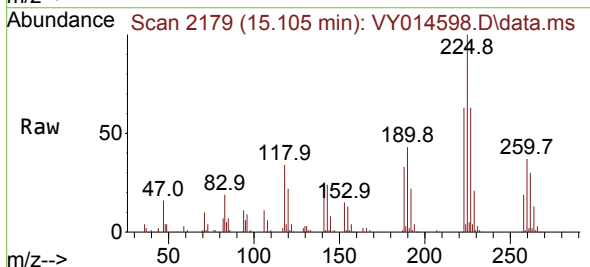
Tgt Ion:225 Resp: 63101

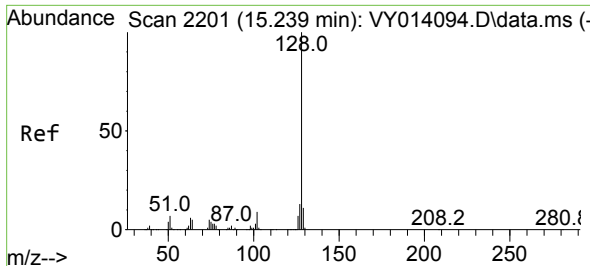
Ion Ratio Lower Upper

225 100

223 63.1 31.9 95.9

227 63.8 33.0 98.9

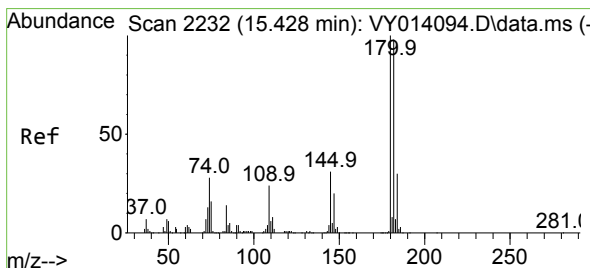
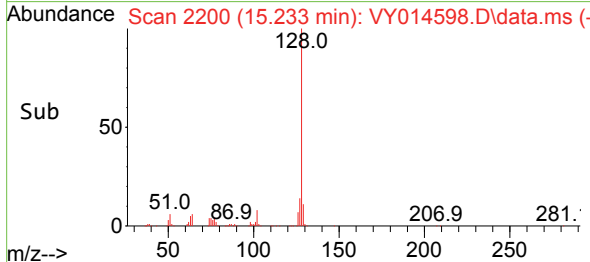
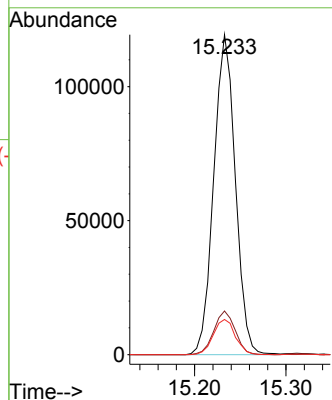
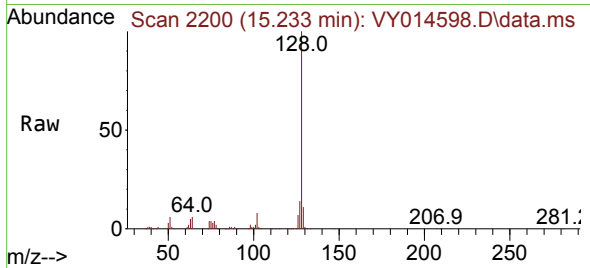




#95
Naphthalene
Concen: 18.526 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

Tgt Ion:128 Resp: 195821
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 11.3 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.202 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY014598.D
Acq: 07 Jul 2023 11:35

Tgt Ion:180 Resp: 86922
Ion Ratio Lower Upper
180 100
182 97.0 47.3 141.8
145 28.7 15.4 46.2

