

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070723\
 Data File : VY014597.D
 Acq On : 07 Jul 2023 11:12
 Operator : KP/MD
 Sample : VY0706SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Quant Time: Jul 08 03:44:06 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	322738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	467105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	432516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	239054	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	155332	48.382	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.760%
35) Dibromofluoromethane	7.710	113	144852	50.358	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.720%
50) Toluene-d8	10.173	98	556120	48.907	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.820%
62) 4-Bromofluorobenzene	12.477	95	193352	48.969	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	59203	23.119	ug/l	93
3) Chloromethane	2.107	50	82720	22.131	ug/l	96
4) Vinyl Chloride	2.247	62	98899	22.955	ug/l	97
5) Bromomethane	2.619	94	77591	23.225	ug/l	97
6) Chloroethane	2.778	64	62054	22.369	ug/l	97
7) Trichlorofluoromethane	3.107	101	115025	21.983	ug/l	97
8) Diethyl Ether	3.521	74	40072	20.226	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.887	101	69258	22.164	ug/l	97
10) Methyl Iodide	4.082	142	60401	16.939	ug/l	92
11) Tert butyl alcohol	4.942	59	80237	135.387	ug/l #	91
12) 1,1-Dichloroethene	3.863	96	63475	20.969	ug/l	89
13) Acrolein	3.723	56	46941	109.957	ug/l	100
14) Allyl chloride	4.466	41	96234	21.092	ug/l	88
15) Acrylonitrile	5.155	53	114177	100.387	ug/l	99
16) Acetone	3.942	43	105638	105.361	ug/l #	87
17) Carbon Disulfide	4.180	76	197577	21.418	ug/l	97
18) Methyl Acetate	4.466	43	97992	21.470	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	168288	19.343	ug/l	98
20) Methylene Chloride	4.704	84	109593	27.995	ug/l	92
21) trans-1,2-Dichloroethene	5.210	96	67710	19.761	ug/l	95
22) Diisopropyl ether	6.106	45	194225	20.659	ug/l	95
23) Vinyl Acetate	6.051	43	551211	101.338	ug/l	95
24) 1,1-Dichloroethane	6.009	63	119509	20.249	ug/l	99
25) 2-Butanone	6.978	43	151367	101.960	ug/l	94
26) 2,2-Dichloropropane	6.972	77	100831	20.043	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	73767	18.978	ug/l	94
28) Bromochloromethane	7.326	49	56639	22.854	ug/l	91
29) Tetrahydrofuran	7.344	42	99394	103.797	ug/l	90
30) Chloroform	7.496	83	123052	19.987	ug/l	97
31) Cyclohexane	7.777	56	100411	19.935	ug/l	90
32) 1,1,1-Trichloroethane	7.691	97	105574	20.061	ug/l	99
36) 1,1-Dichloropropene	7.911	75	91400	20.749	ug/l	98
37) Ethyl Acetate	7.069	43	65352	21.633	ug/l #	92
38) Carbon Tetrachloride	7.892	117	95159	20.694	ug/l	95
39) Methylcyclohexane	9.179	83	106086	20.148	ug/l	97
40) Benzene	8.155	78	262103	19.657	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	86713	58.755	ug/l #	17
42) 1,2-Dichloroethane	8.228	62	79452	20.272	ug/l	93
43) Isopropyl Acetate	8.264	43	104089	20.332	ug/l	93
44) Trichloroethene	8.935	130	74717	20.099	ug/l	96
45) 1,2-Dichloropropane	9.209	63	68236	19.948	ug/l	99
46) Dibromomethane	9.301	93	42668	20.489	ug/l	96
47) Bromodichloromethane	9.490	83	91939	20.037	ug/l	100
48) Methyl methacrylate	9.289	41	45345	19.477	ug/l #	81
49) 1,4-Dioxane	9.295	88	15315	411.846	ug/l #	63
51) 4-Methyl-2-Pentanone	10.063	43	307522	101.463	ug/l	91
52) Toluene	10.240	92	164893	19.651	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	96596	19.687	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	108384	19.798	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	60462	19.953	ug/l	96
56) Ethyl methacrylate	10.508	69	78799	19.117	ug/l #	80
57) 1,3-Dichloropropane	10.782	76	98209	19.891	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	218453	109.397	ug/l	98
59) 2-Hexanone	10.825	43	222759	101.745	ug/l	88
60) Dibromochloromethane	10.977	129	71922	20.256	ug/l	99
61) 1,2-Dibromoethane	11.087	107	59862	20.235	ug/l	100
64) Tetrachloroethene	10.715	164	80806	20.899	ug/l	94
65) Chlorobenzene	11.514	112	180649	19.599	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	68809	19.641	ug/l	96
67) Ethyl Benzene	11.587	91	303513	19.309	ug/l	99
68) m/p-Xylenes	11.697	106	242179	38.842	ug/l	95
69) o-Xylene	12.026	106	113291	19.158	ug/l	96
70) Styrene	12.038	104	198607	19.521	ug/l	96
71) Bromoform	12.203	173	55425	20.825	ug/l #	98
73) Isopropylbenzene	12.325	105	297471	19.000	ug/l	99
74) N-amyl acetate	12.142	43	91994	19.469	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	79979	19.906	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	101364	36.134	ug/l #	100
77) Bromobenzene	12.605	156	84027	19.650	ug/l	94
78) n-propylbenzene	12.666	91	372818	19.521	ug/l	99
79) 2-Chlorotoluene	12.751	91	211379	19.232	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	255998	19.315	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	27934	19.382	ug/l	87
82) 4-Chlorotoluene	12.849	91	222041	19.284	ug/l	96
83) tert-Butylbenzene	13.074	119	222098	19.067	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	251503	19.016	ug/l	97
85) sec-Butylbenzene	13.251	105	341080	19.843	ug/l	99
86) p-Isopropyltoluene	13.367	119	277676	19.196	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	160050	19.143	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	160656	19.173	ug/l	100
89) n-Butylbenzene	13.696	91	262526	19.638	ug/l	98
90) Hexachloroethane	13.958	117	58192	20.309	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	147762	19.511	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14352	19.511	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	94275	19.273	ug/l	98
94) Hexachlorobutadiene	15.111	225	63913	21.259	ug/l	99
95) Naphthalene	15.233	128	188658	18.128	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	87418	19.614	ug/l	99

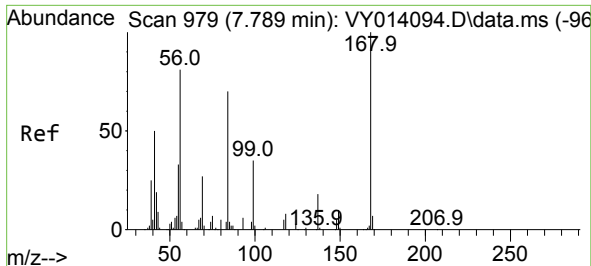
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Response via : Initial Calibration

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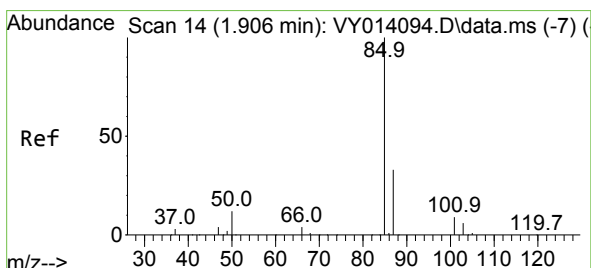
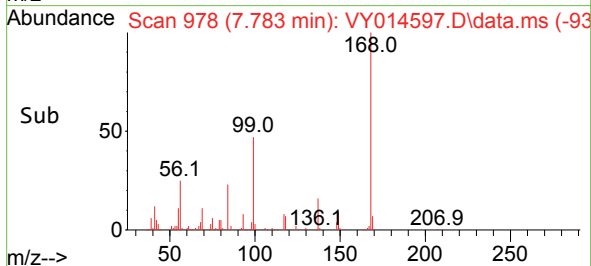
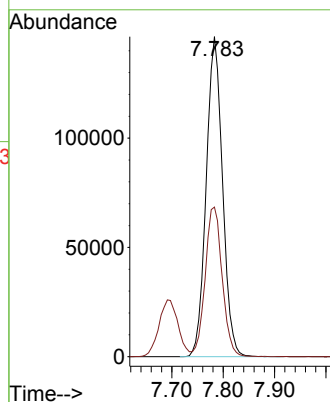
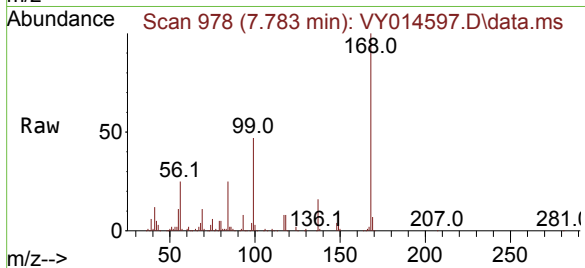
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

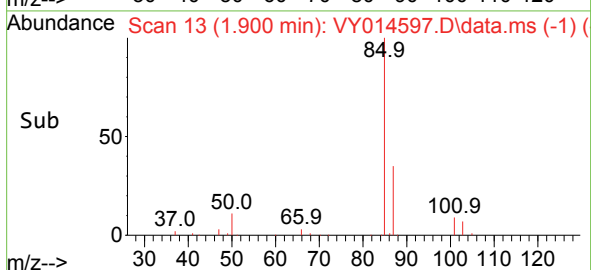
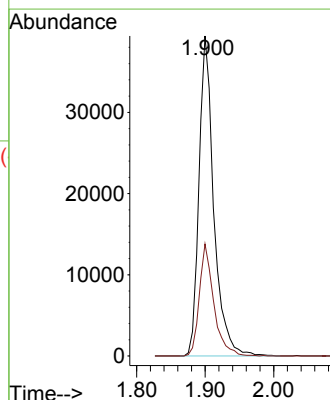
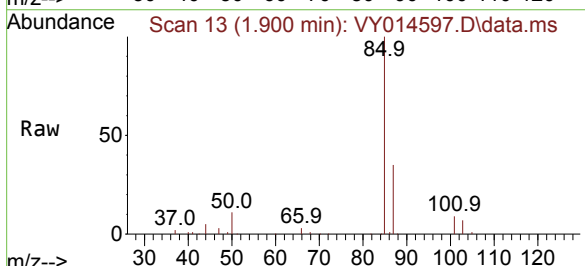
Instrument :
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ClientSampleId :
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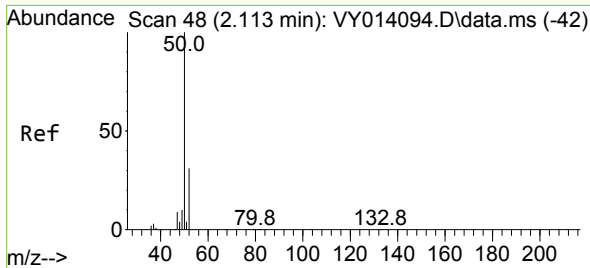
Tgt Ion:168 Resp: 322738
Ion Ratio Lower Upper
168 100
99 46.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 23.119 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

Tgt Ion: 85 Resp: 59203
Ion Ratio Lower Upper
85 100
87 35.0 15.6 46.8

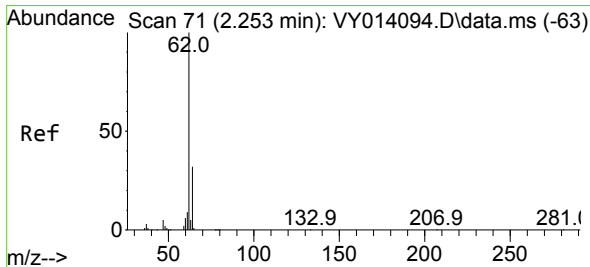
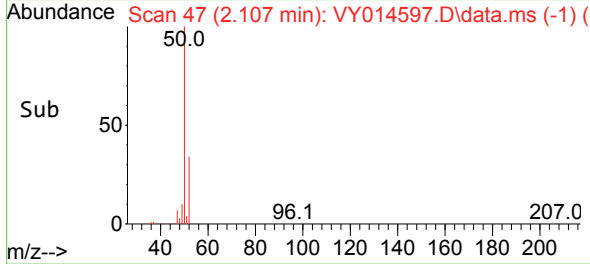
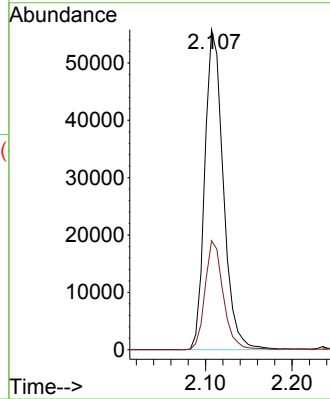
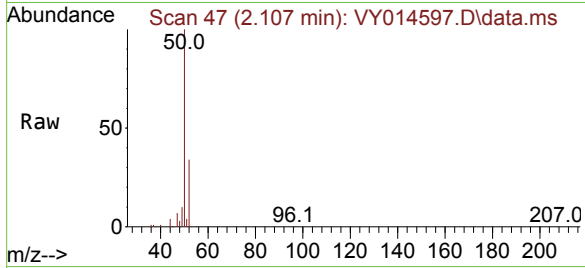




#3
Chloromethane
Concen: 22.131 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

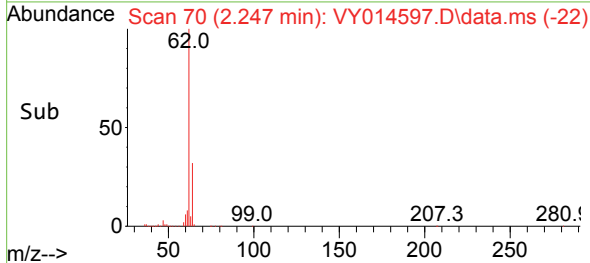
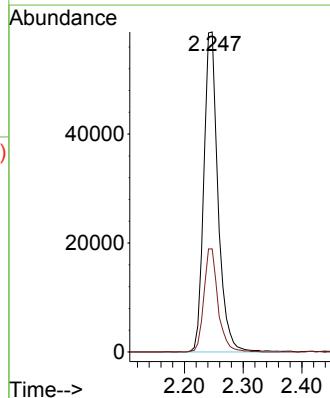
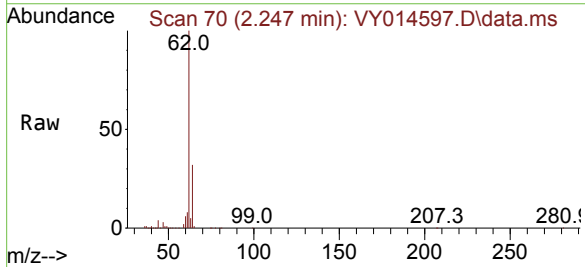
Instrument :
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ClientSampleId :
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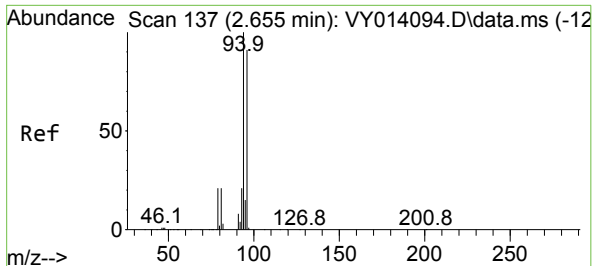
Tgt Ion: 50 Resp: 82720
Ion Ratio Lower Upper
50 100
52 34.0 25.4 38.2



#4
Vinyl Chloride
Concen: 22.955 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

Tgt Ion: 62 Resp: 98899
Ion Ratio Lower Upper
62 100
64 32.2 24.3 36.5

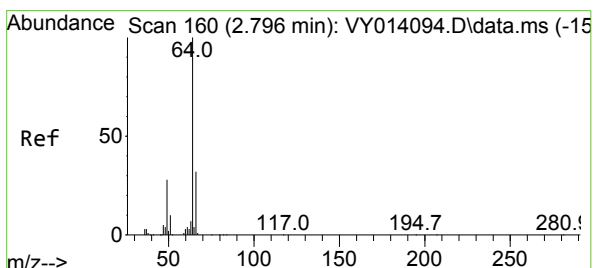
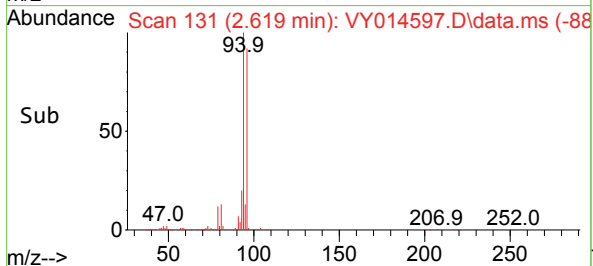
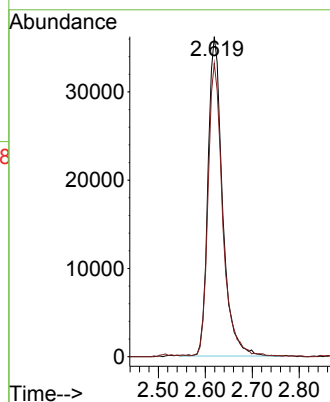
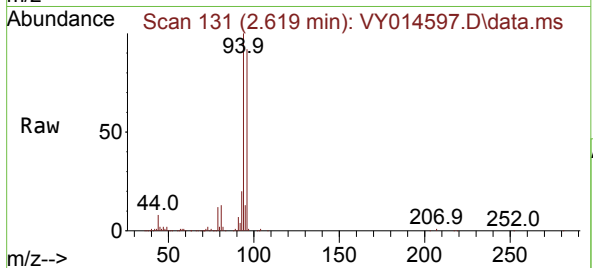




#5
Bromomethane
Concen: 23.225 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.036 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

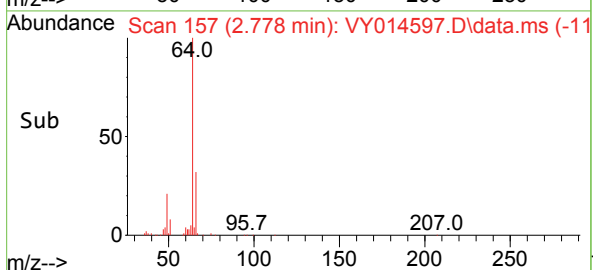
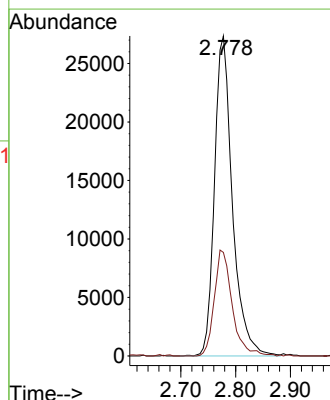
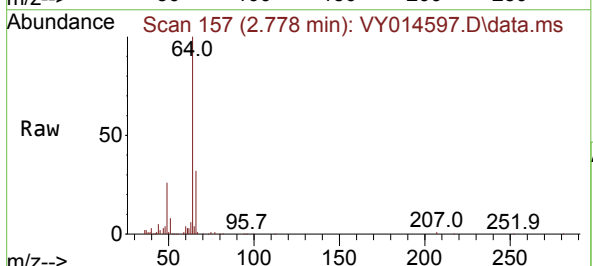
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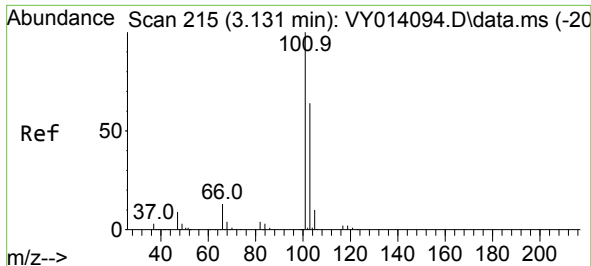
Tgt Ion: 94 Resp: 77591
Ion Ratio Lower Upper
94 100
96 91.5 75.8 113.6



#6
Chloroethane
Concen: 22.369 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.018 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

Tgt Ion: 64 Resp: 62054
Ion Ratio Lower Upper
64 100
66 32.4 24.4 36.6

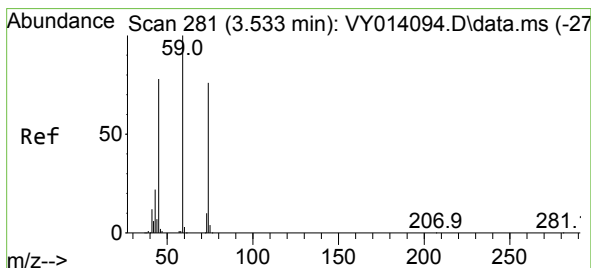
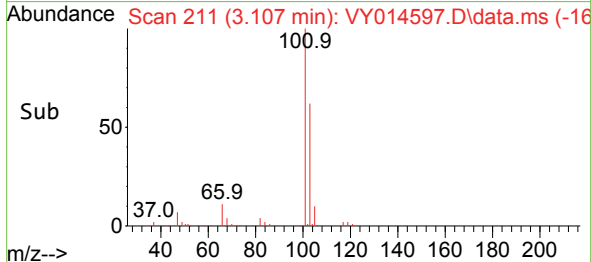
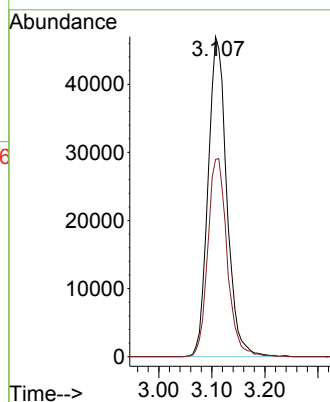
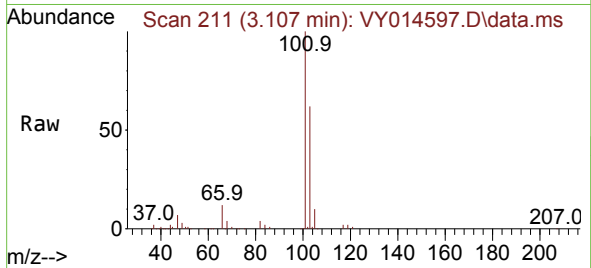




#7
Trichlorofluoromethane
Concen: 21.983 ug/l
RT: 3.107 min Scan# 215
Delta R.T. -0.024 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

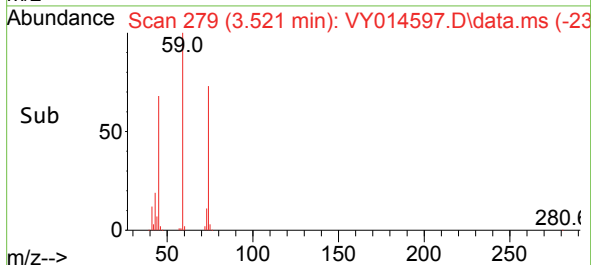
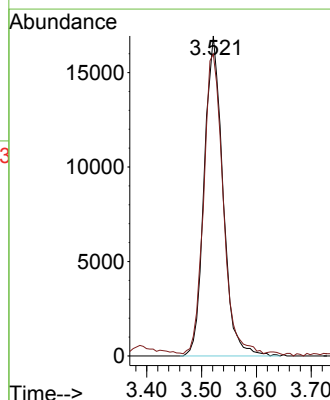
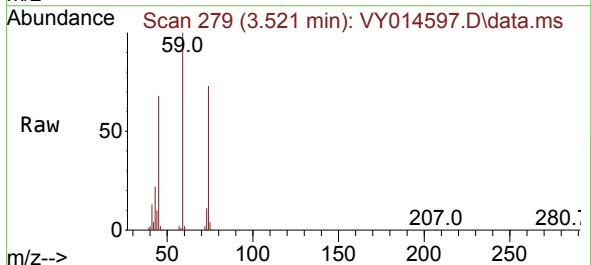
Instrument :
MSVOA_Y
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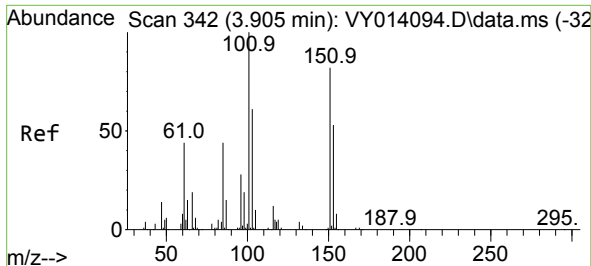
Tgt Ion:101 Resp: 115025
Ion Ratio Lower Upper
101 100
103 61.6 51.4 77.0



#8
Diethyl Ether
Concen: 20.226 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.012 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

Tgt Ion: 74 Resp: 40072
Ion Ratio Lower Upper
74 100
45 97.0 51.5 154.5

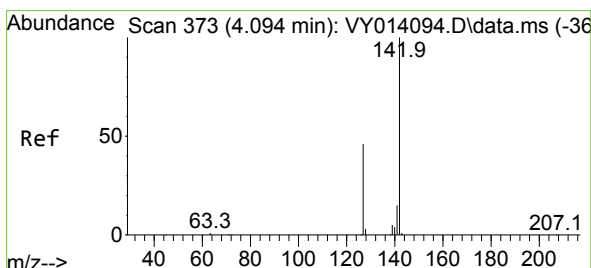
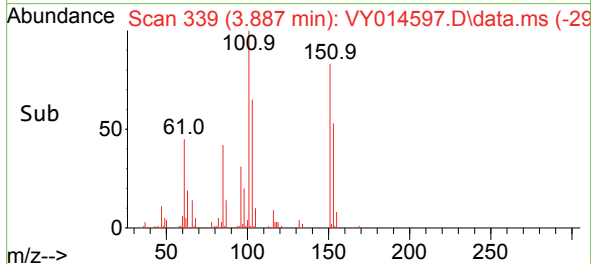
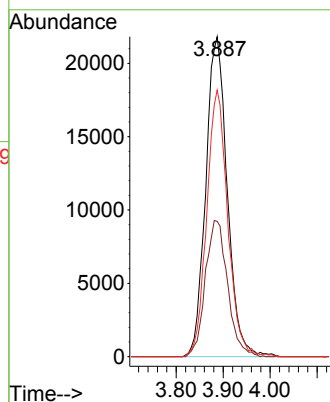
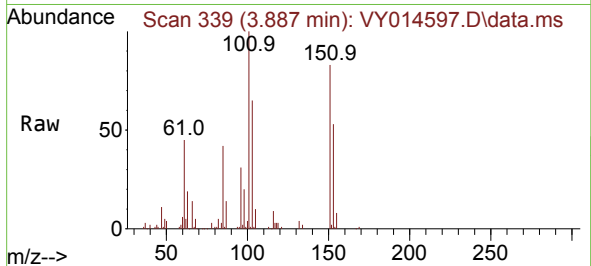




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.164 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.018 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

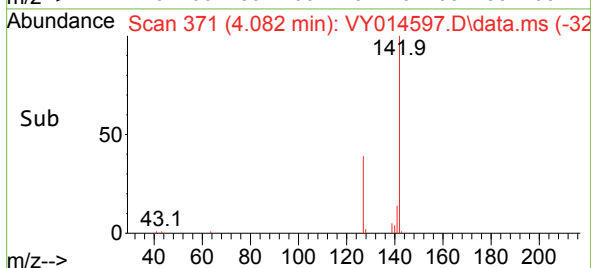
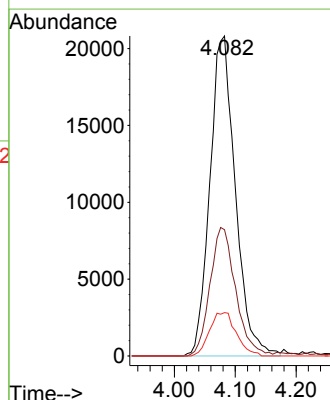
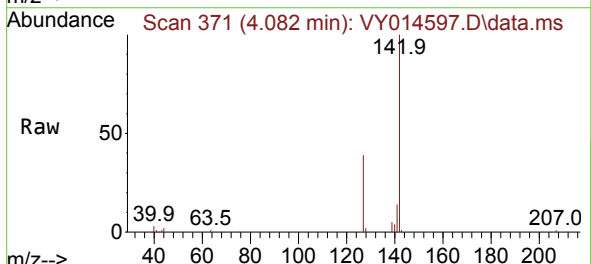
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

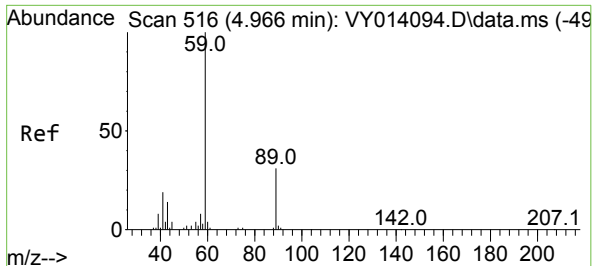
Tgt Ion:101 Resp: 69258
Ion Ratio Lower Upper
101 100
85 44.1 36.6 55.0
151 81.5 67.0 100.6



#10
Methyl Iodide
Concen: 16.939 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

Tgt Ion:142 Resp: 60401
Ion Ratio Lower Upper
142 100
127 40.5 37.6 56.4
141 14.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 135.387 ug/l

RT: 4.942 min Scan# 516

Delta R.T. -0.024 min

Lab File: VY014597.D

Acq: 07 Jul 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

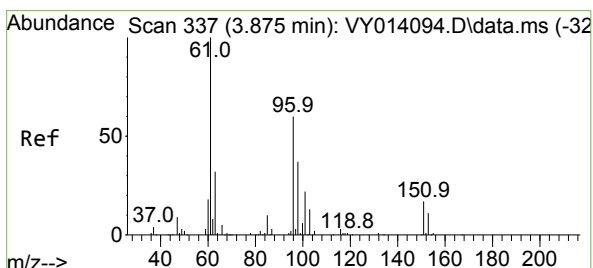
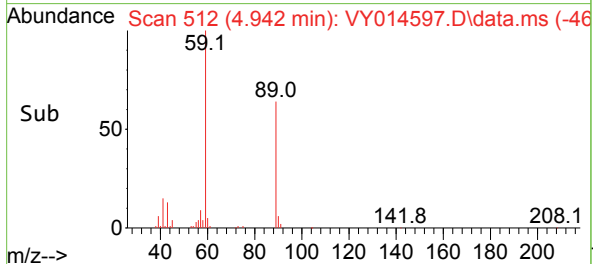
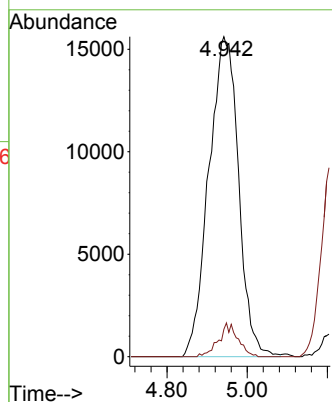
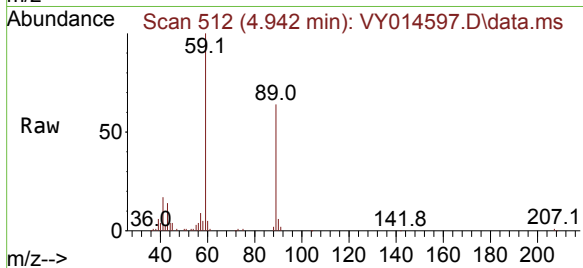
VY0707SBS01

Tgt Ion: 59 Resp: 80237

Ion Ratio Lower Upper

59 100

57 6.8 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 20.969 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.012 min

Lab File: VY014597.D

Acq: 07 Jul 2023 11:12

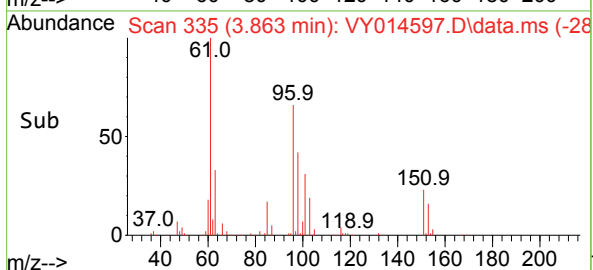
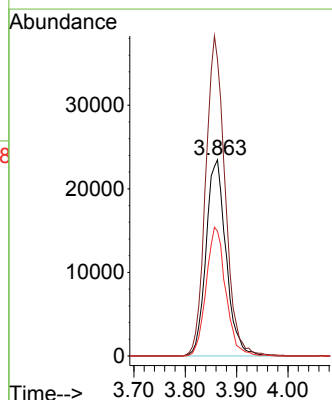
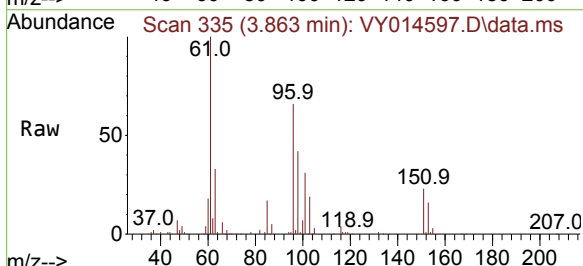
Tgt Ion: 96 Resp: 63475

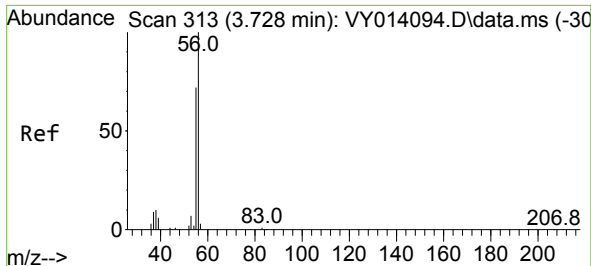
Ion Ratio Lower Upper

96 100

61 151.1 136.4 204.6

98 63.6 49.4 74.2

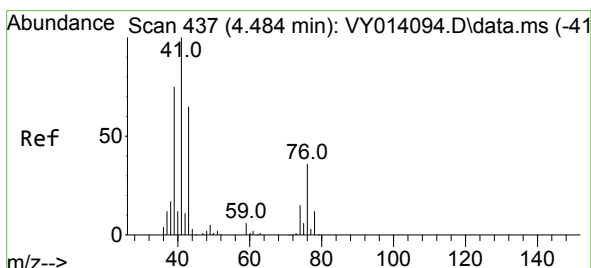
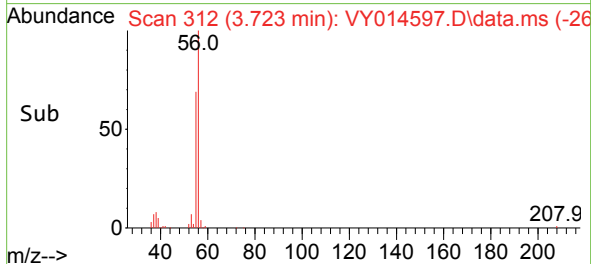
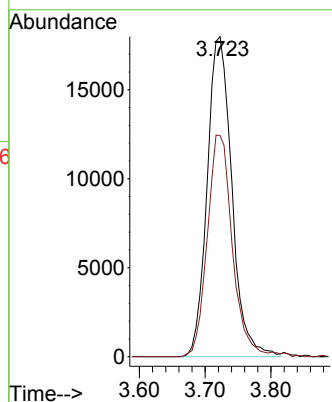
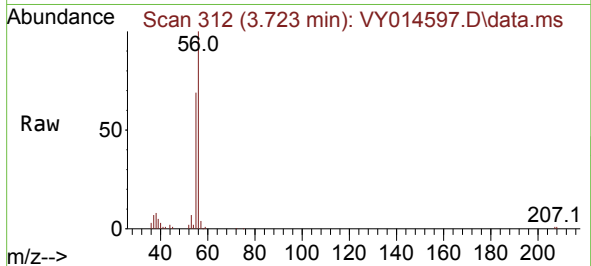




#13
Acrolein
Concen: 109.957 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.005 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

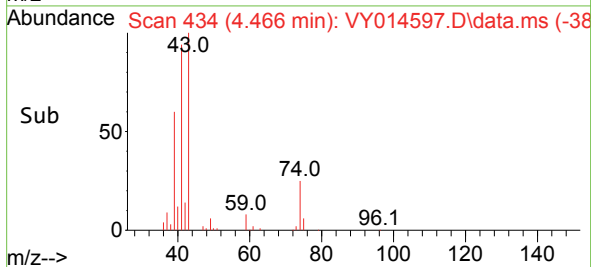
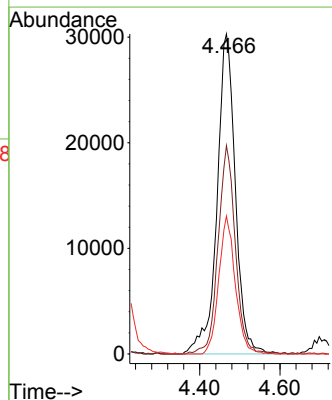
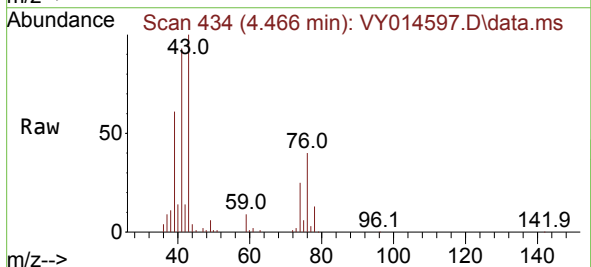
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

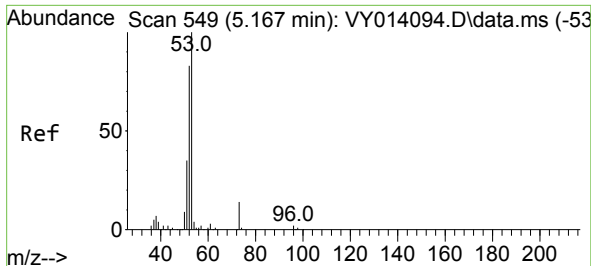
Tgt Ion: 56 Resp: 46941
Ion Ratio Lower Upper
56 100
55 70.8 57.0 85.4



#14
Allyl chloride
Concen: 21.092 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.018 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

Tgt Ion: 41 Resp: 96234
Ion Ratio Lower Upper
41 100
39 61.0 58.0 87.0
76 38.8 27.4 41.2

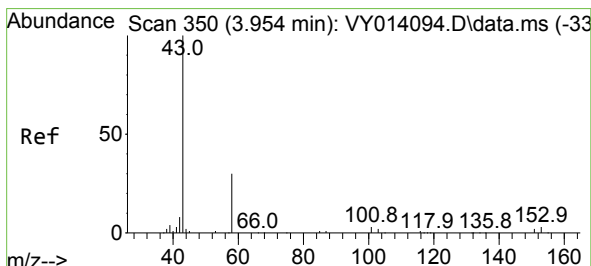
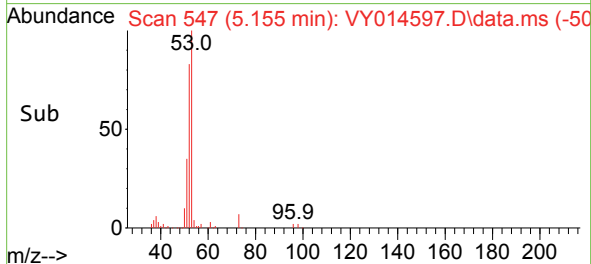
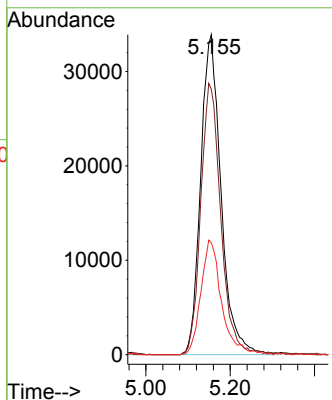
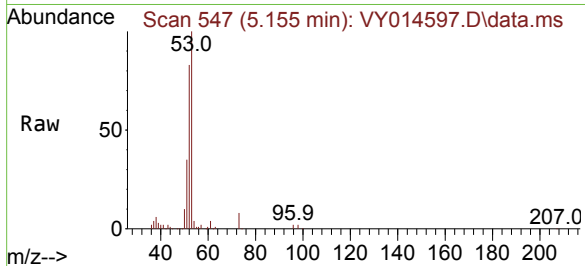




#15
Acrylonitrile
Concen: 100.387 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

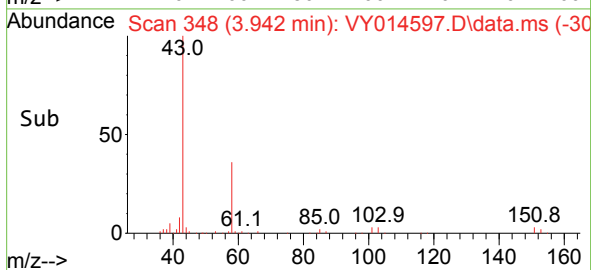
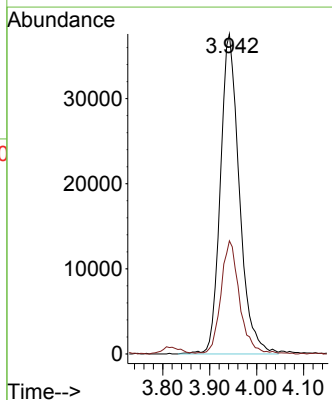
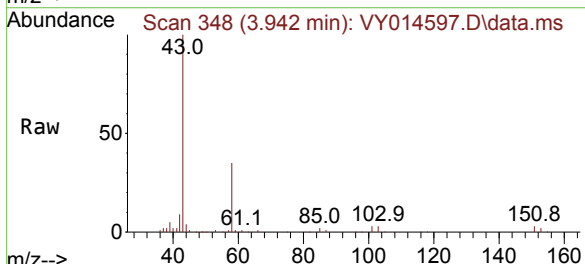
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

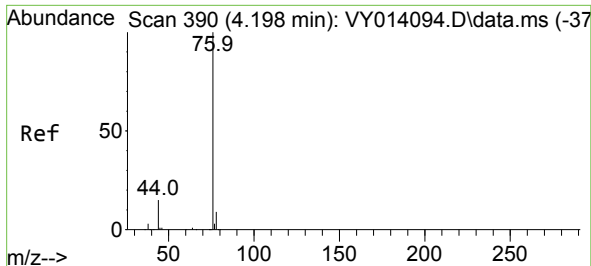
Tgt Ion: 53 Resp: 114177
Ion Ratio Lower Upper
53 100
52 83.4 66.9 100.3
51 36.3 29.8 44.6



#16
Acetone
Concen: 105.361 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

Tgt Ion: 43 Resp: 105638
Ion Ratio Lower Upper
43 100
58 35.1 22.7 34.1#

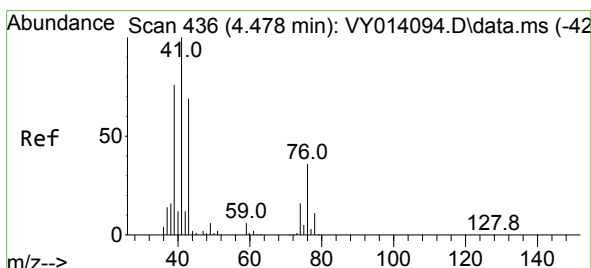
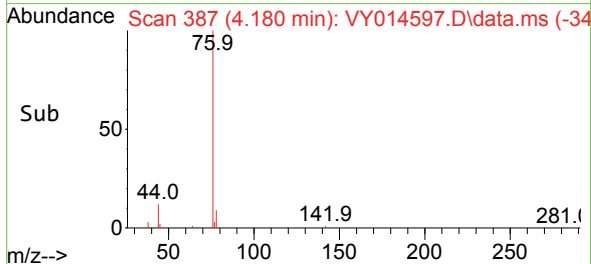
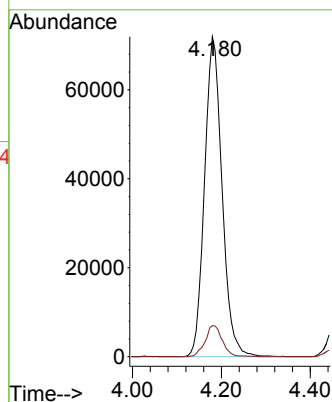
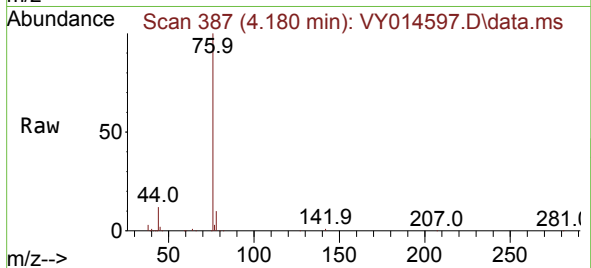




#17
Carbon Disulfide
Concen: 21.418 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

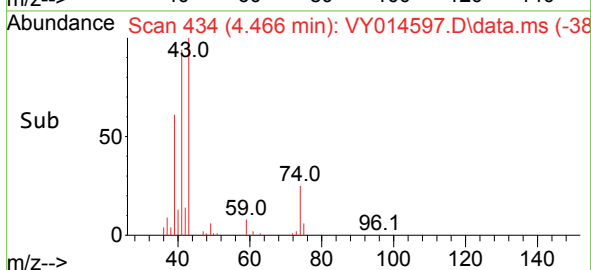
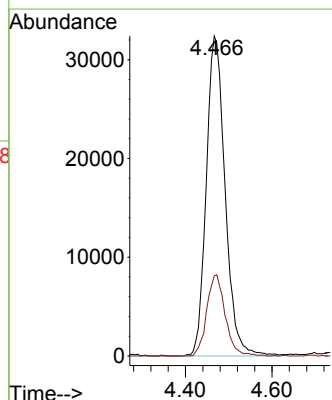
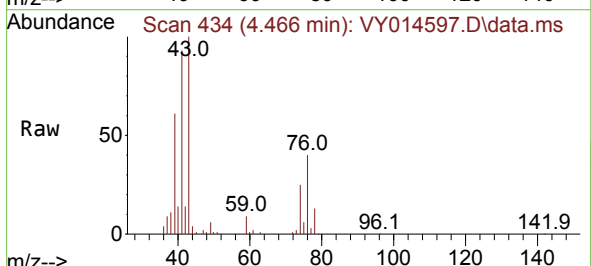
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

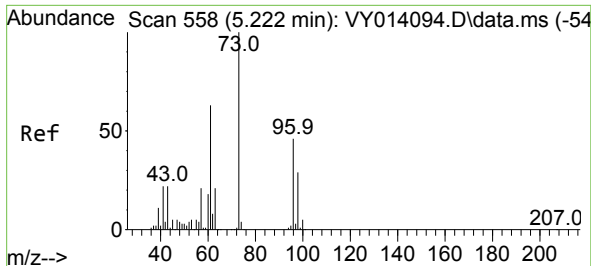
Tgt Ion: 76 Resp: 197577
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4



#18
Methyl Acetate
Concen: 21.470 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

Tgt Ion: 43 Resp: 97992
Ion Ratio Lower Upper
43 100
74 24.8 17.4 26.0

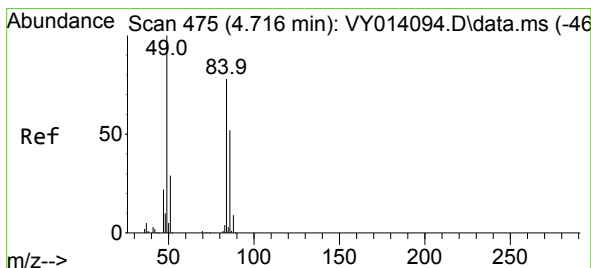
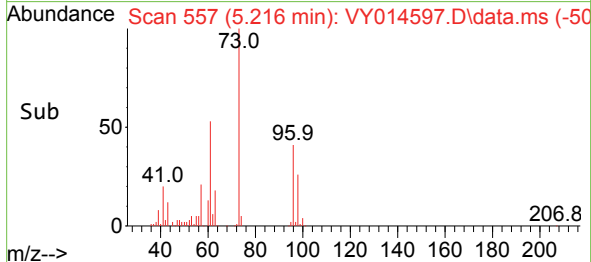
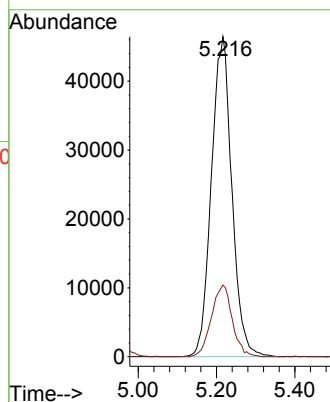
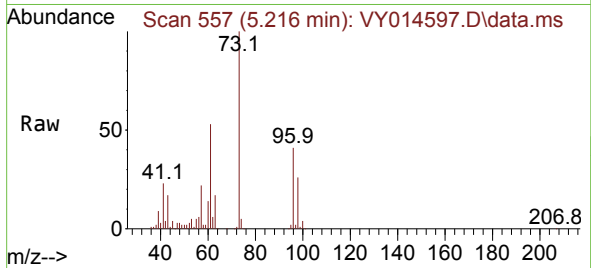




#19
Methyl tert-butyl Ether
Concen: 19.343 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

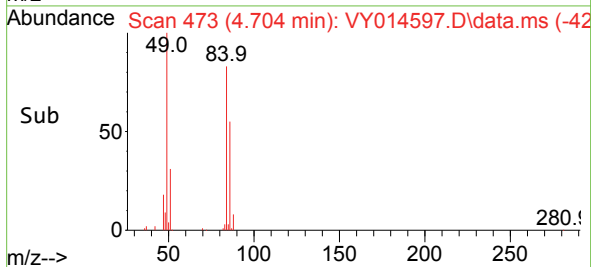
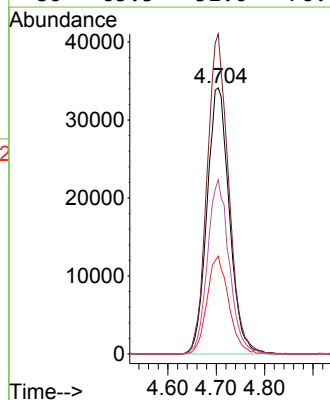
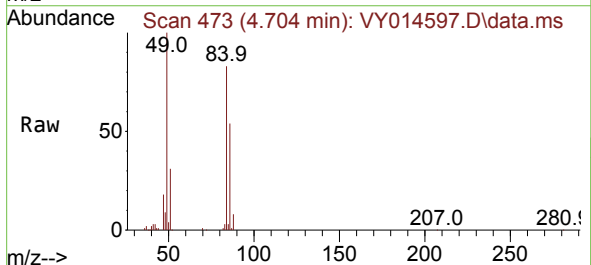
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

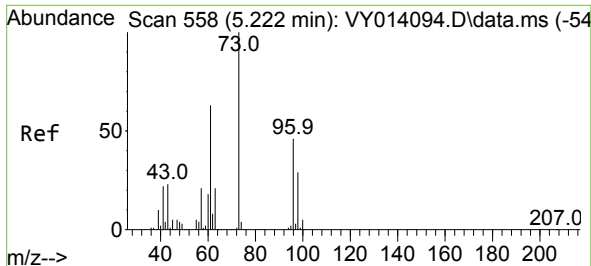
Tgt Ion: 73 Resp: 168288
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9



#20
Methylene Chloride
Concen: 27.995 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

Tgt Ion: 84 Resp: 109593
Ion Ratio Lower Upper
84 100
49 120.3 106.9 160.3
51 36.7 33.2 49.8
86 65.5 51.0 76.6

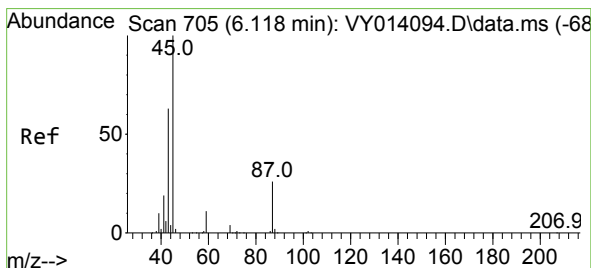
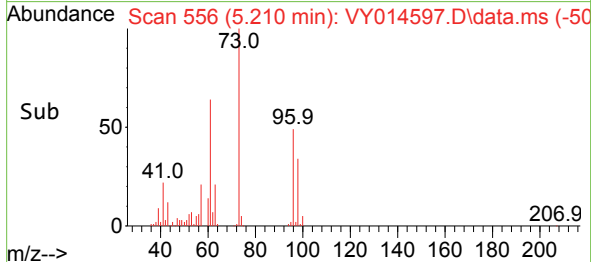
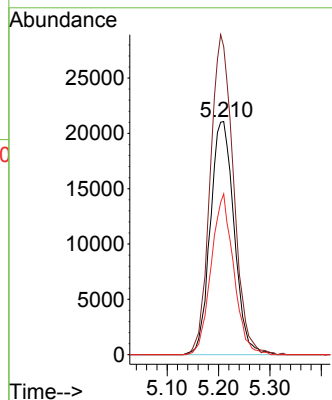
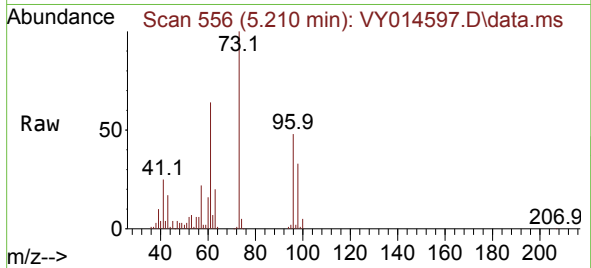




#21
trans-1,2-Dichloroethene
Concen: 19.761 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

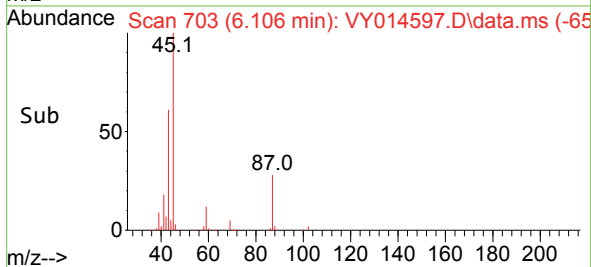
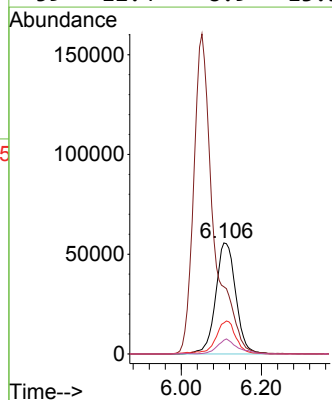
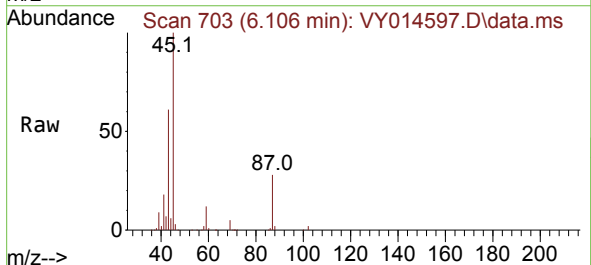
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

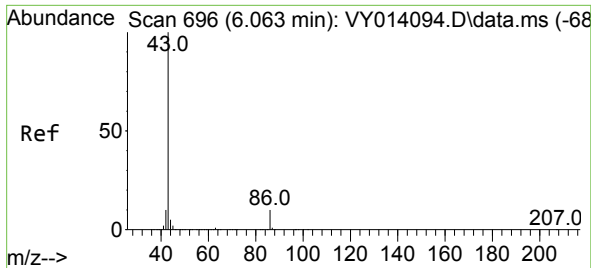
Tgt Ion: 96 Resp: 67710
Ion Ratio Lower Upper
96 100
61 132.1 110.2 165.4
98 69.0 51.8 77.6



#22
Diisopropyl ether
Concen: 20.659 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.012 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

Tgt Ion: 45 Resp: 194225
Ion Ratio Lower Upper
45 100
43 60.2 52.2 78.4
87 27.9 21.0 31.6
59 12.4 8.9 13.3

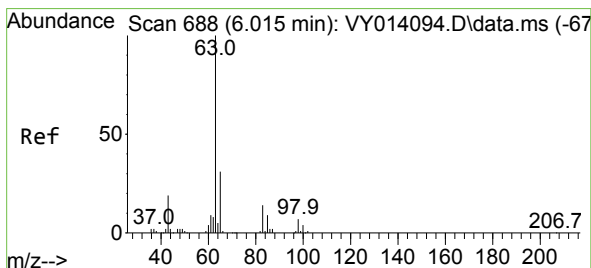
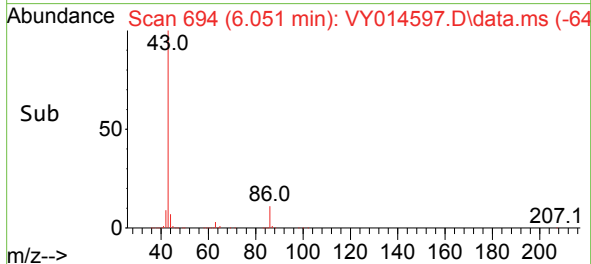
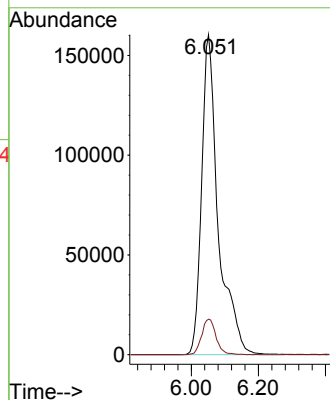
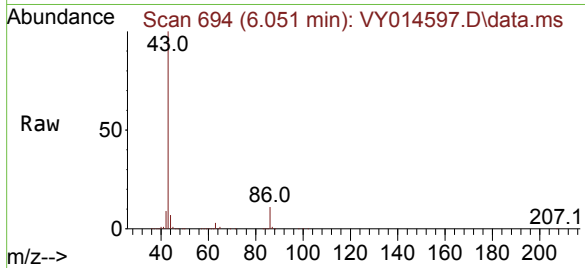




#23
 Vinyl Acetate
 Concen: 101.338 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY014597.D
 Acq: 07 Jul 2023 11:12

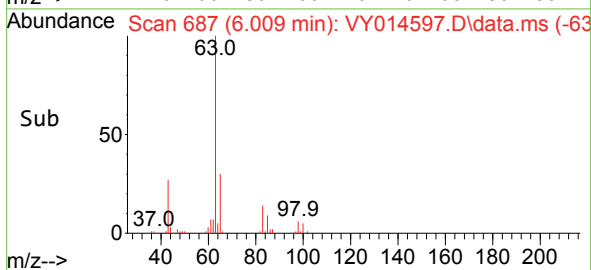
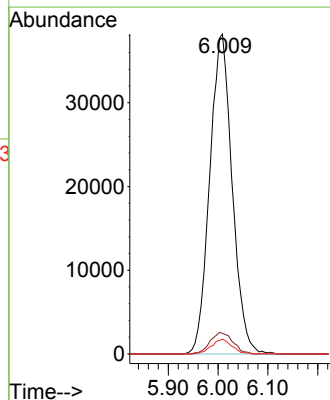
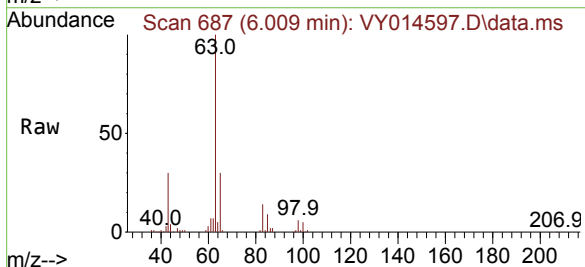
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

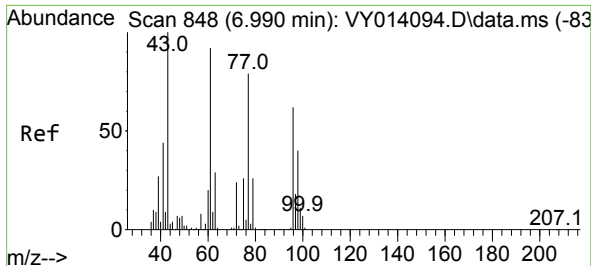
Tgt Ion: 43 Resp: 551211
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 20.249 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY014597.D
 Acq: 07 Jul 2023 11:12

Tgt Ion: 63 Resp: 119509
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.4
 100 4.7 1.8 5.5

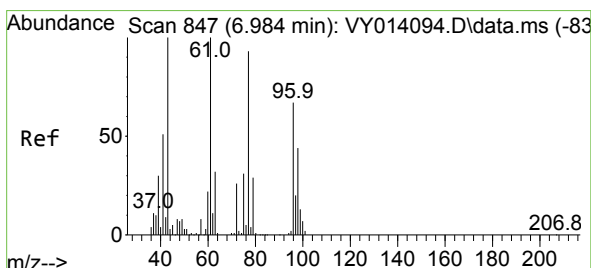
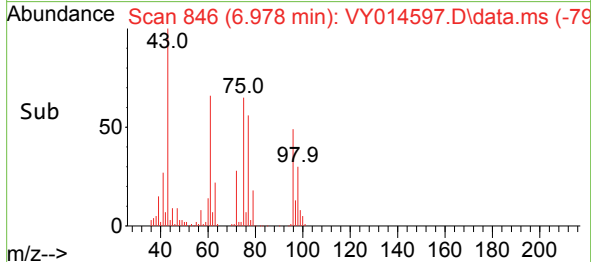
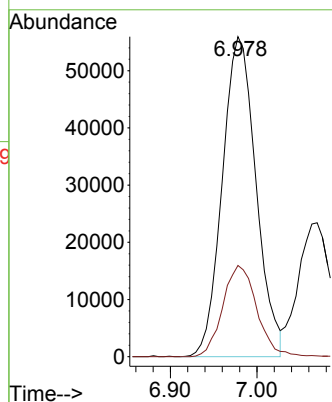
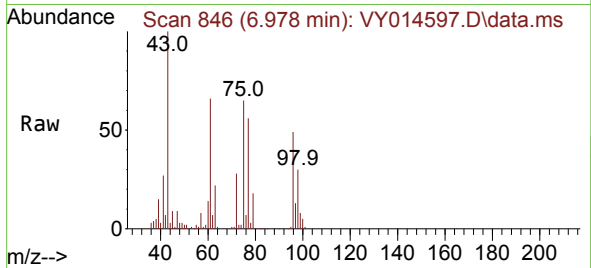




#25
2-Butanone
Concen: 101.960 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

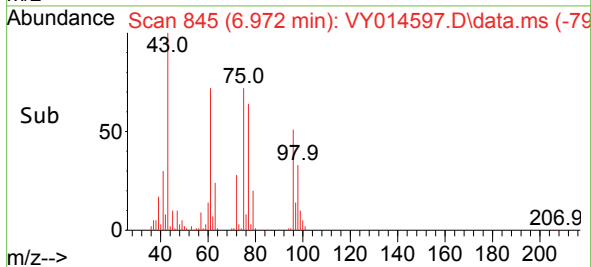
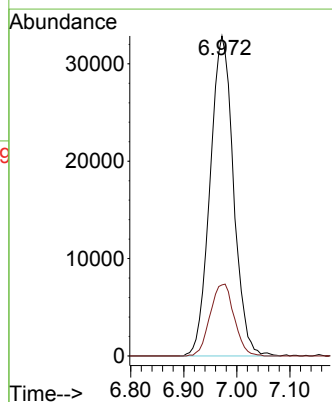
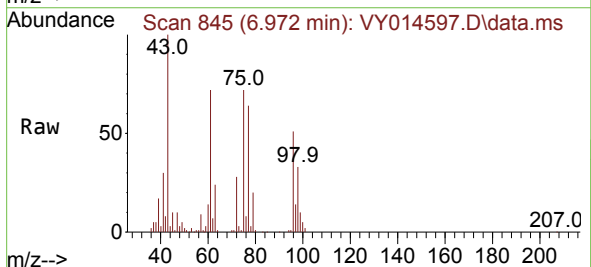
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

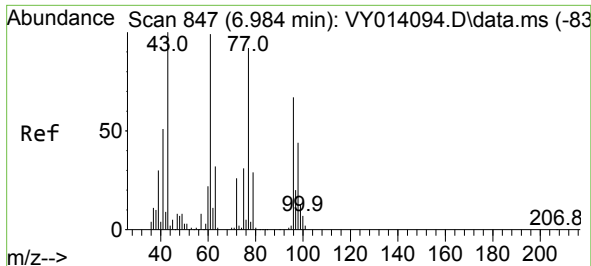
Tgt Ion: 43 Resp: 151367
Ion Ratio Lower Upper
43 100
72 28.5 20.5 30.7



#26
2,2-Dichloropropane
Concen: 20.043 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

Tgt Ion: 77 Resp: 100831
Ion Ratio Lower Upper
77 100
97 23.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 18.978 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY014597.D

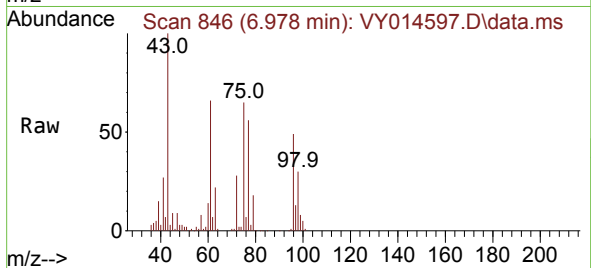
Acq: 07 Jul 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01



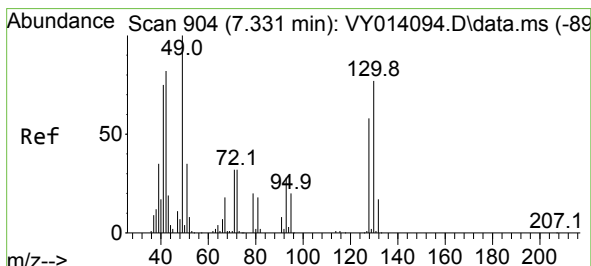
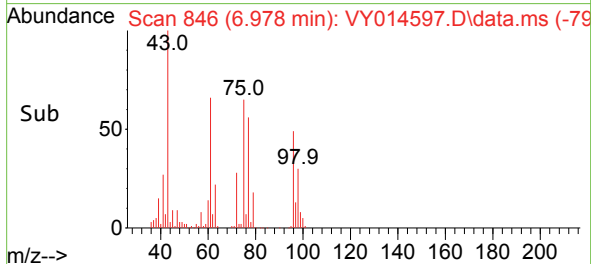
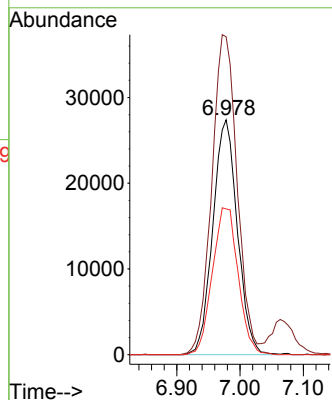
Tgt Ion: 96 Resp: 73767

Ion Ratio Lower Upper

96 100

61 141.0 0.0 301.4

98 65.8 0.0 130.4



#28

Bromochloromethane

Concen: 22.854 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.005 min

Lab File: VY014597.D

Acq: 07 Jul 2023 11:12

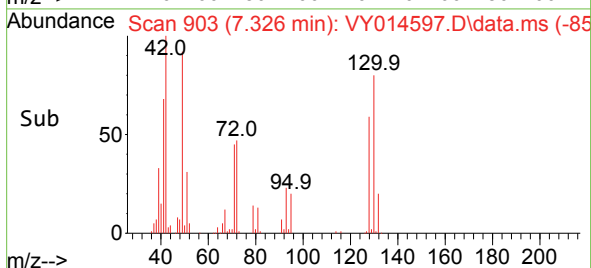
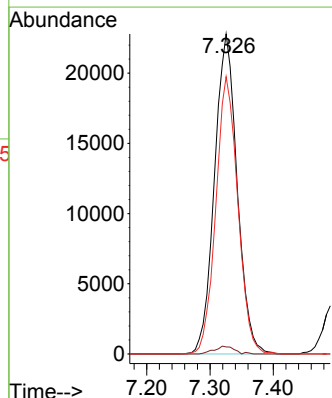
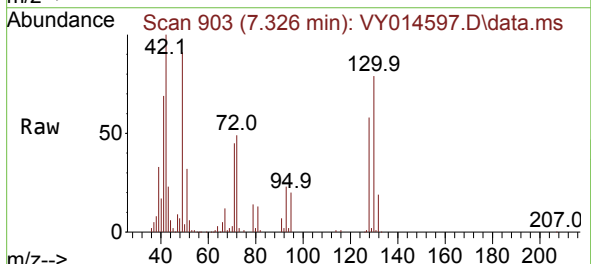
Tgt Ion: 49 Resp: 56639

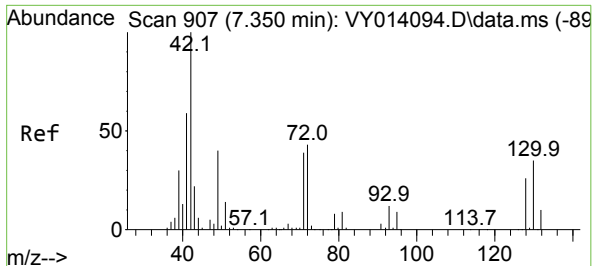
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 84.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 103.797 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY014597.D

Acq: 07 Jul 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

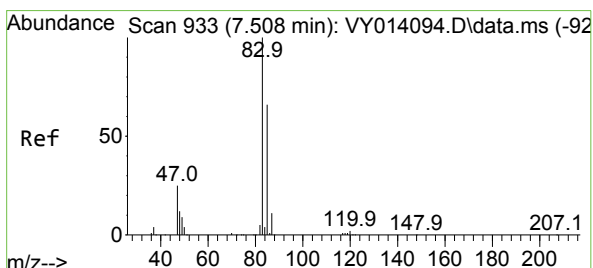
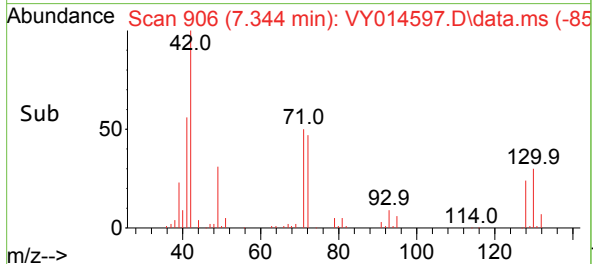
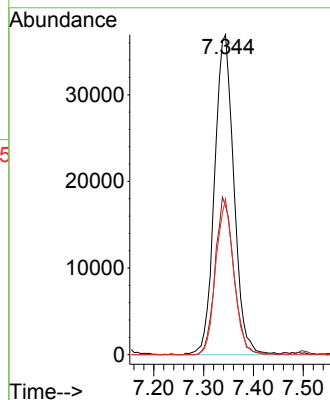
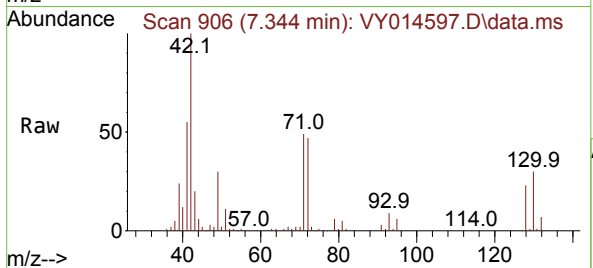
Tgt Ion: 42 Resp: 99394

Ion Ratio Lower Upper

42 100

72 47.4 32.8 49.2

71 45.2 31.0 46.4



#30

Chloroform

Concen: 19.987 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.012 min

Lab File: VY014597.D

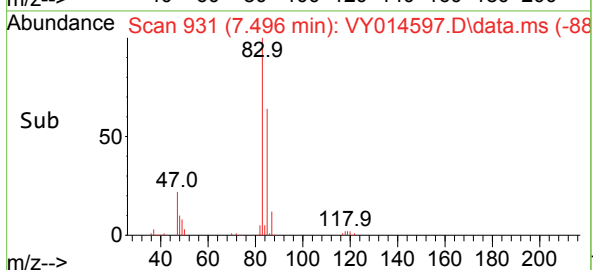
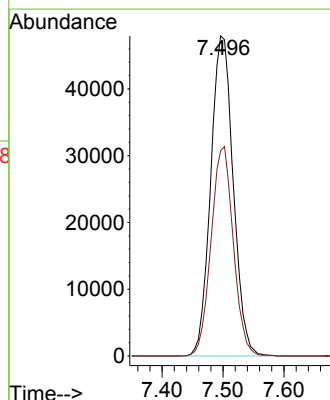
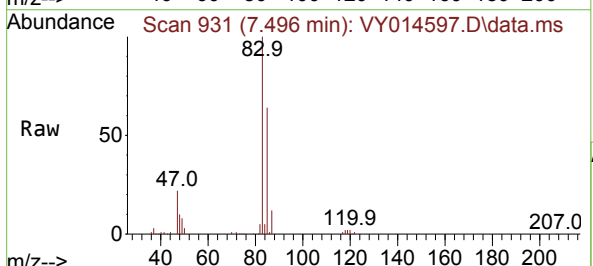
Acq: 07 Jul 2023 11:12

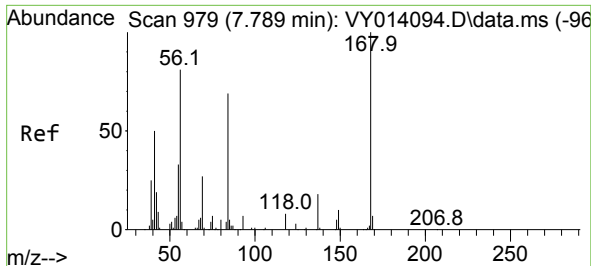
Tgt Ion: 83 Resp: 123052

Ion Ratio Lower Upper

83 100

85 64.1 49.7 74.5

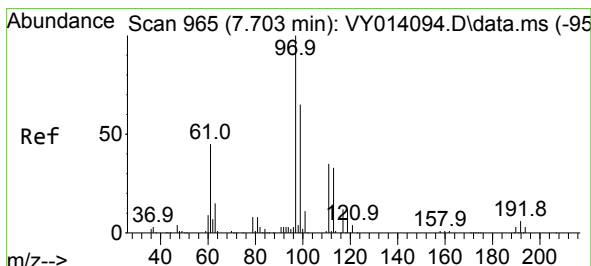
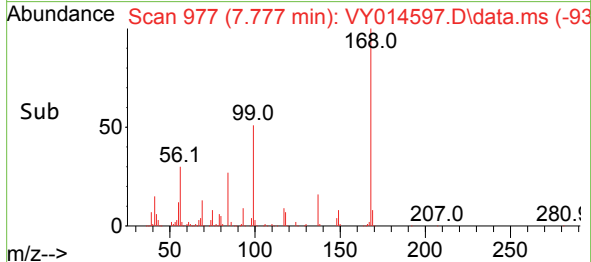
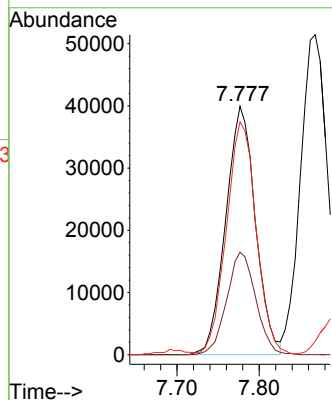
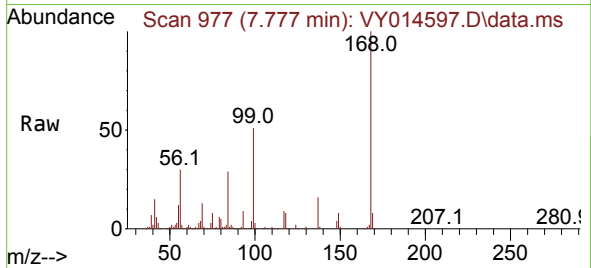




#31
Cyclohexane
Concen: 19.935 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

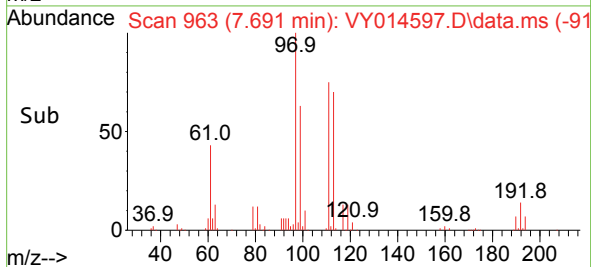
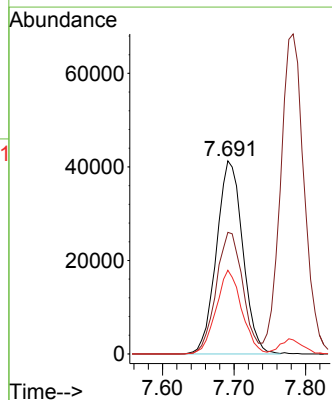
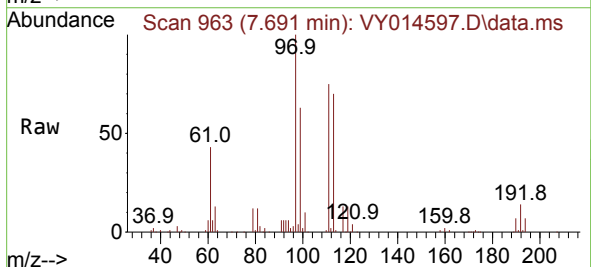
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

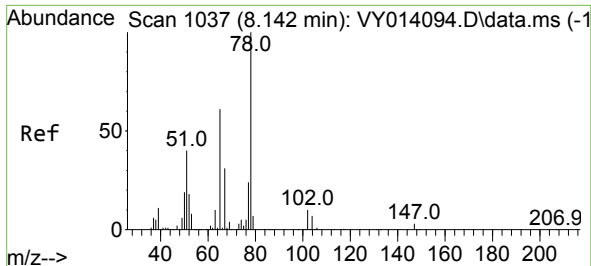
Tgt Ion: 56 Resp: 100411
Ion Ratio Lower Upper
56 100
69 41.2 27.8 41.6
84 92.0 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.061 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.012 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

Tgt Ion: 97 Resp: 105574
Ion Ratio Lower Upper
97 100
99 63.6 50.8 76.2
61 42.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.382 ug/l

RT: 8.136 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VY014597.D

Acq: 07 Jul 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

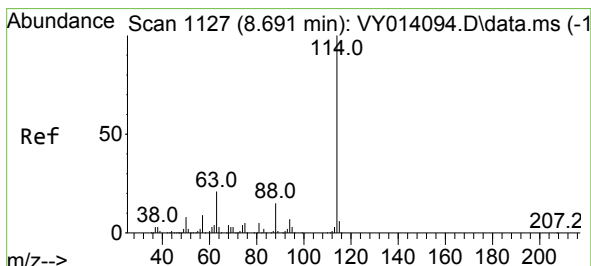
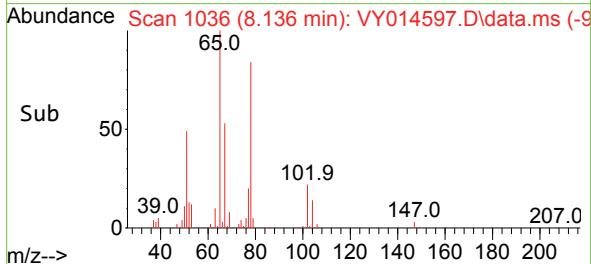
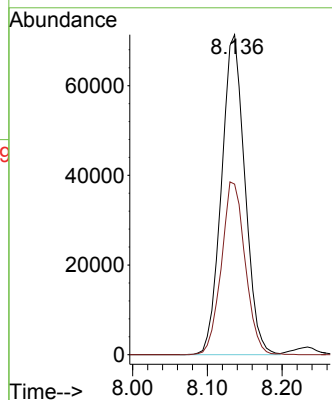
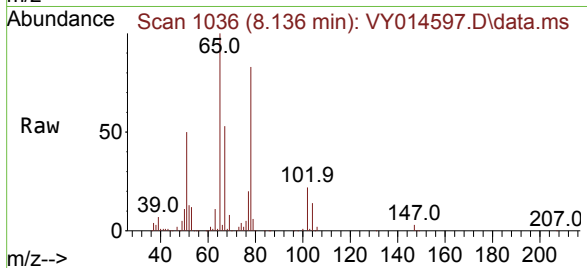
VY0707SBS01

Tgt Ion: 65 Resp: 155332

Ion Ratio Lower Upper

65 100

67 54.8 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: VY014597.D

Acq: 07 Jul 2023 11:12

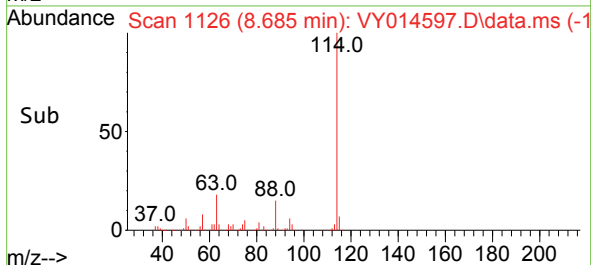
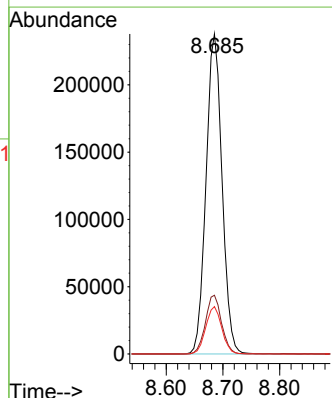
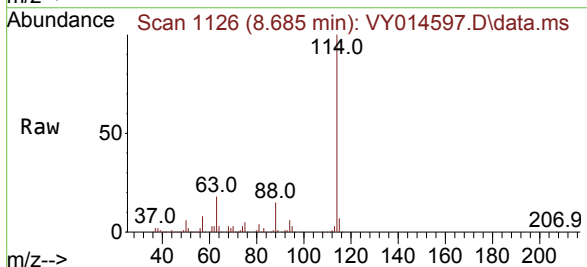
Tgt Ion: 114 Resp: 467105

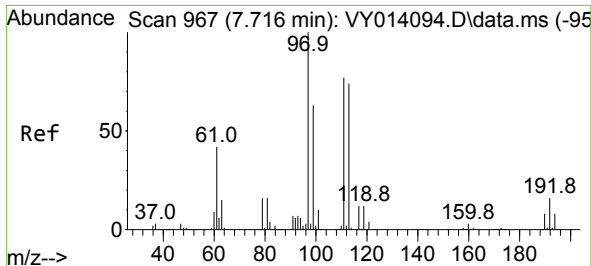
Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 14.8 0.0 30.6

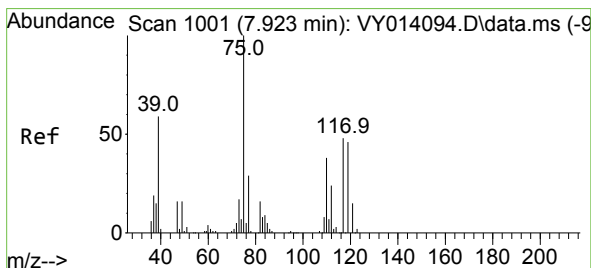
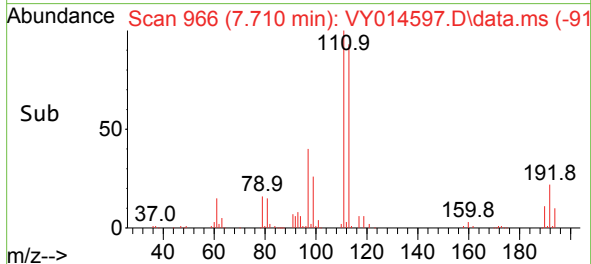
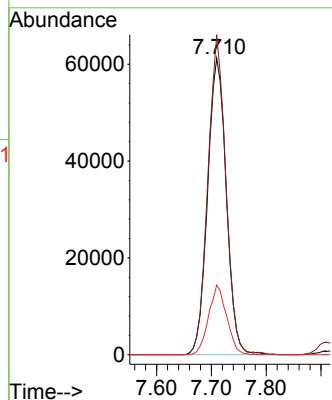
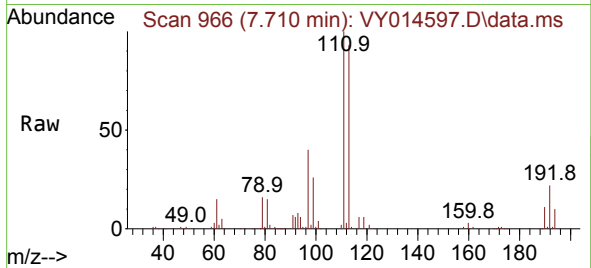




#35
Dibromofluoromethane
Concen: 50.358 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

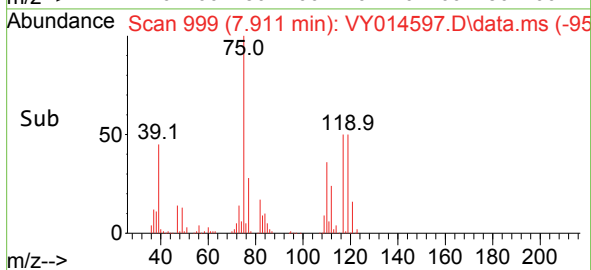
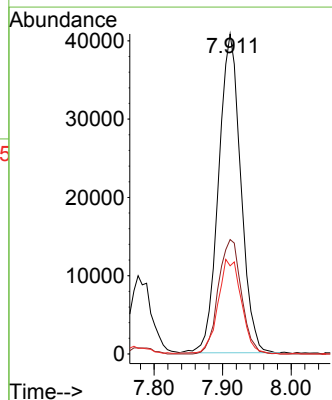
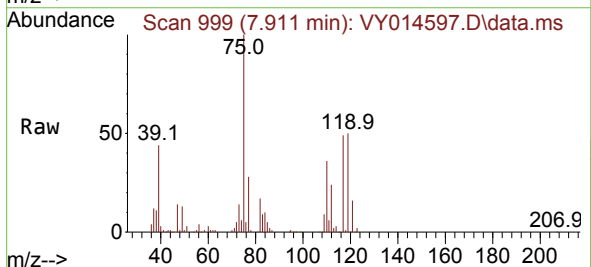
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

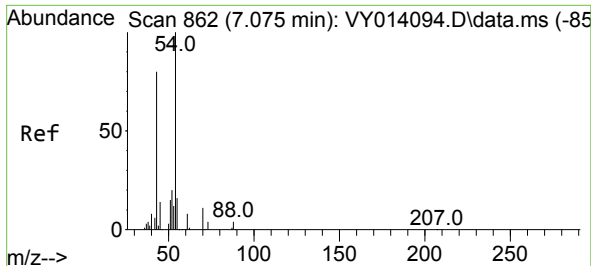
Tgt Ion:113 Resp: 144852
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 22.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.749 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

Tgt Ion: 75 Resp: 91400
Ion Ratio Lower Upper
75 100
110 37.3 17.8 53.5
77 31.6 24.4 36.6

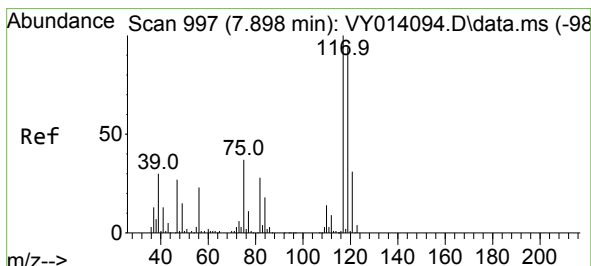
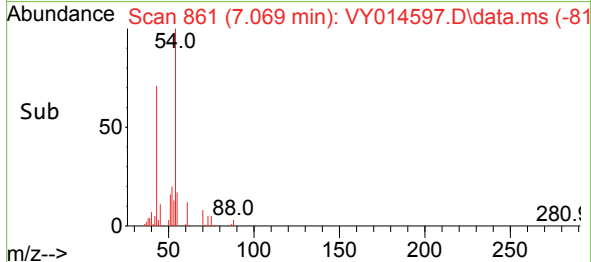
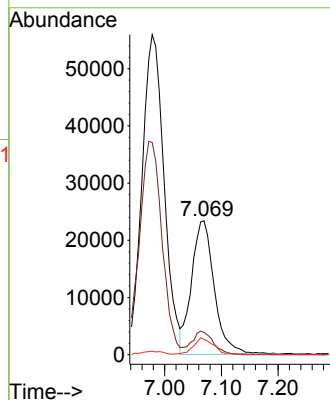
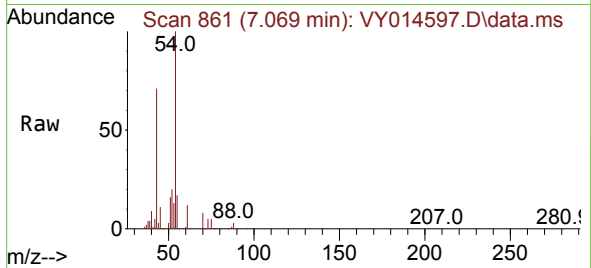




#37
Ethyl Acetate
Concen: 21.633 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

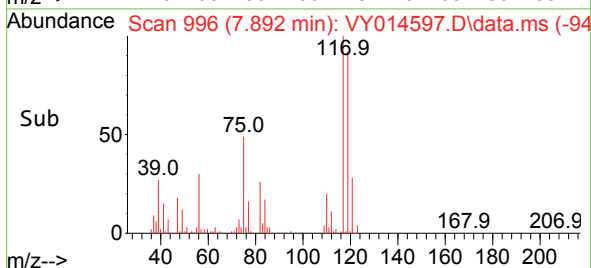
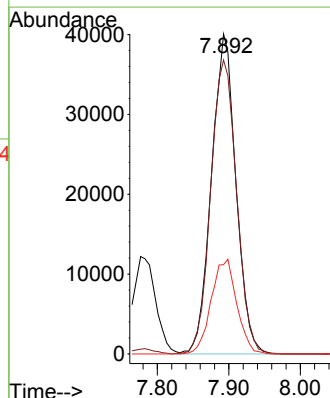
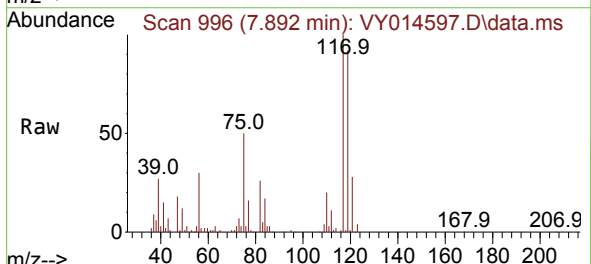
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

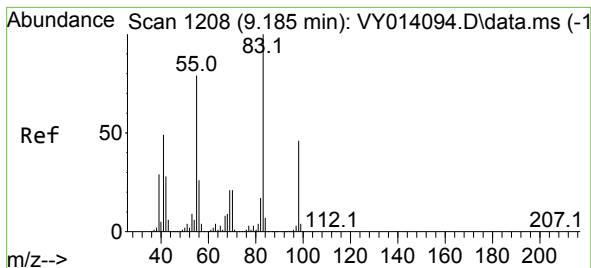
Tgt Ion: 43 Resp: 65352
Ion Ratio Lower Upper
43 100
61 16.0 10.1 15.1#
70 11.1 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 20.694 ug/l
RT: 7.892 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

Tgt Ion: 117 Resp: 95159
Ion Ratio Lower Upper
117 100
119 91.9 76.4 114.6
121 27.9 25.8 38.6

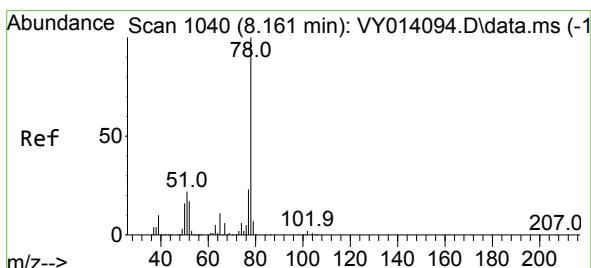
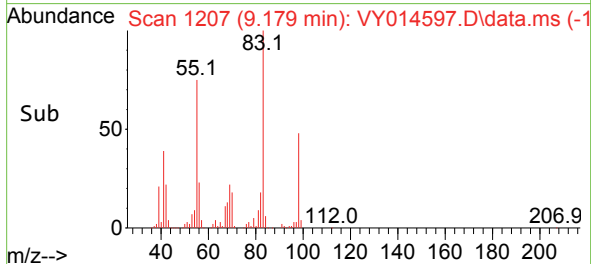
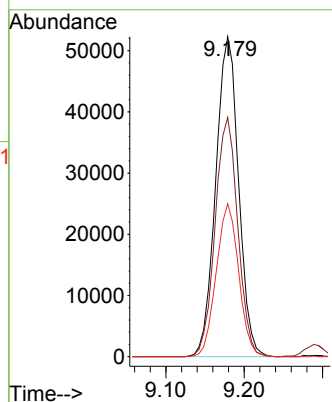
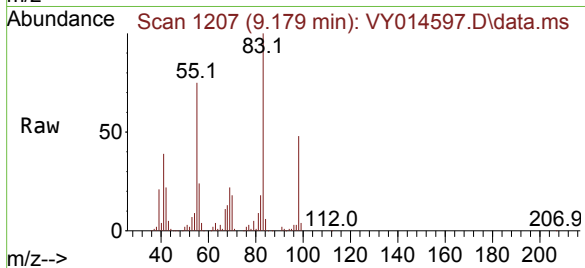




#39
Methylcyclohexane
Concen: 20.148 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

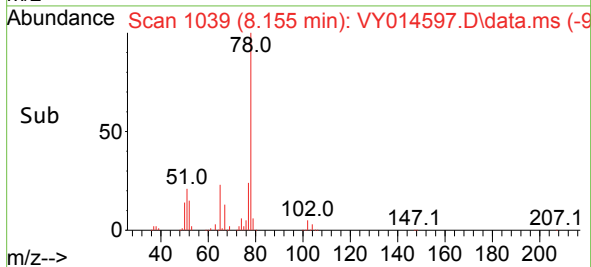
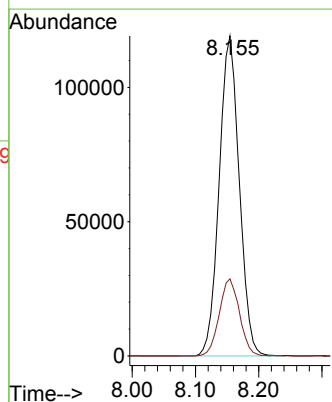
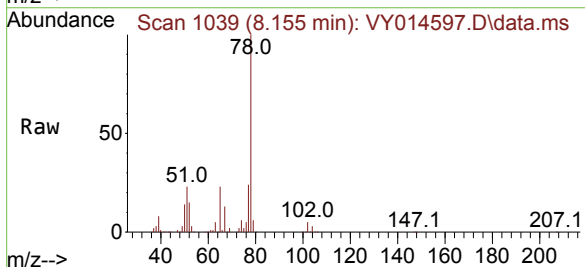
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

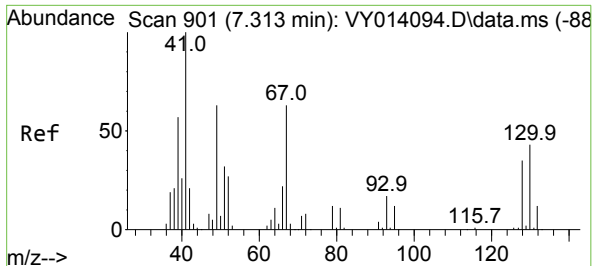
Tgt Ion: 83 Resp: 106086
Ion Ratio Lower Upper
83 100
55 74.7 63.0 94.4
98 47.8 37.4 56.2



#40
Benzene
Concen: 19.657 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

Tgt Ion: 78 Resp: 262103
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6

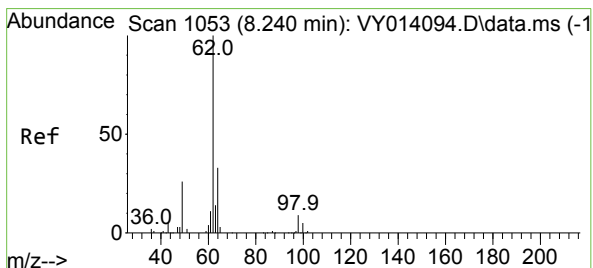
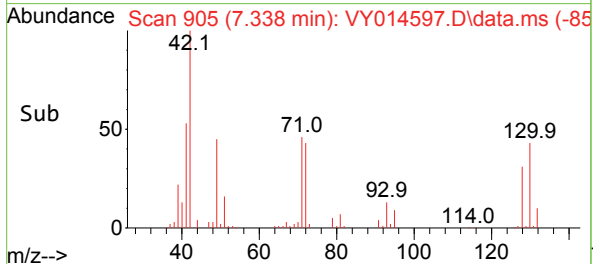
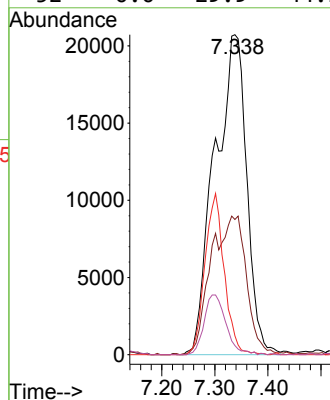
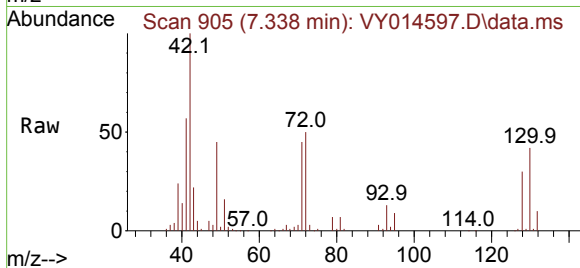




#41
Methacrylonitrile
Concen: 58.755 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.025 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

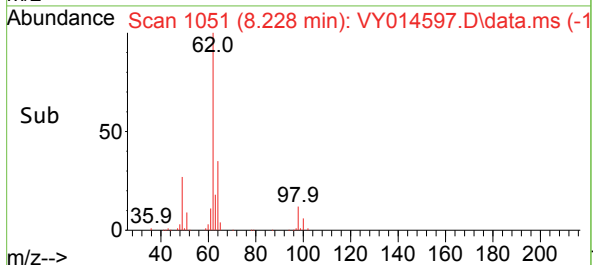
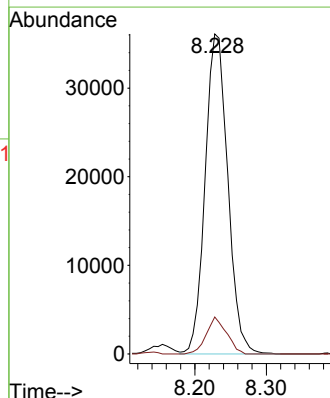
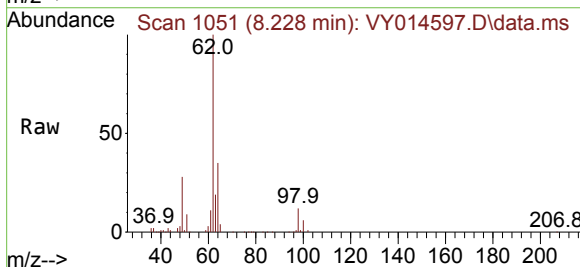
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

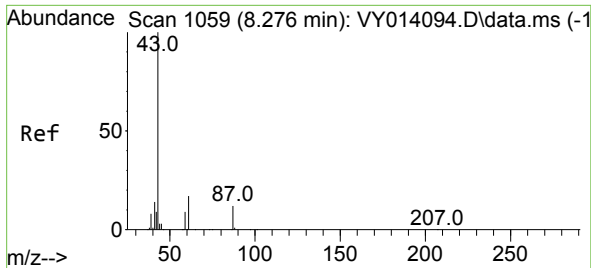
Tgt Ion:	41	Resp:	86713
Ion	Ratio	Lower	Upper
41	100		
39	0.0	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 20.272 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.012 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

Tgt Ion:	62	Resp:	79452
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	15.8

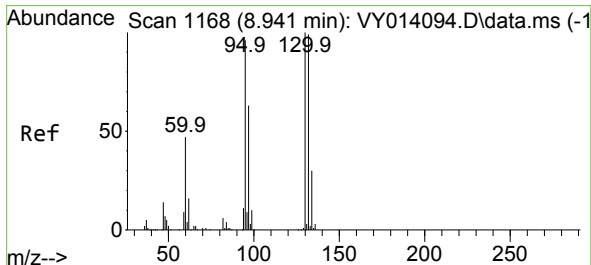
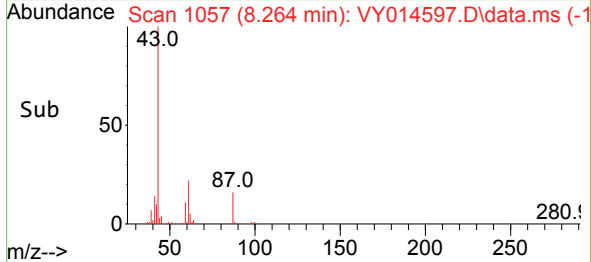
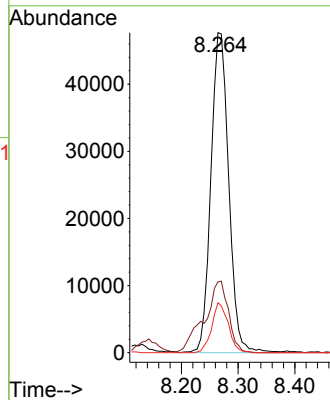
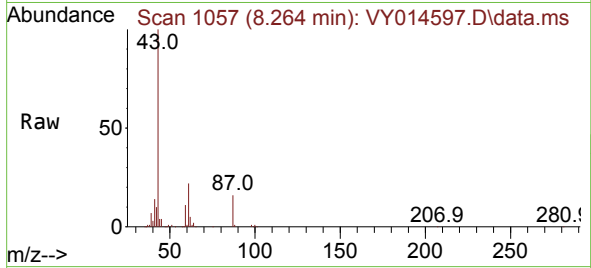




#43
Isopropyl Acetate
Concen: 20.332 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.012 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

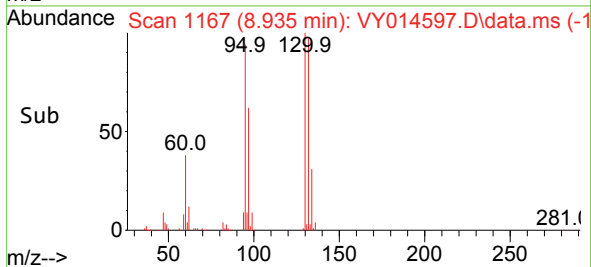
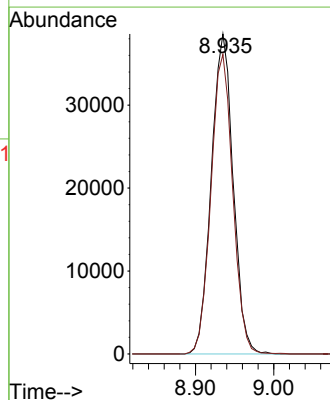
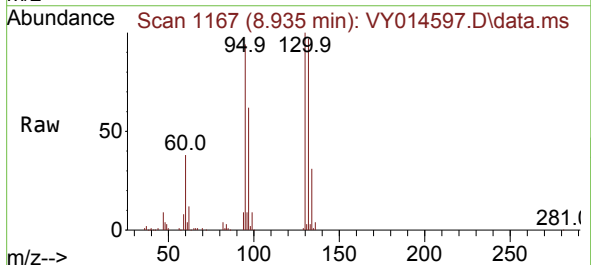
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

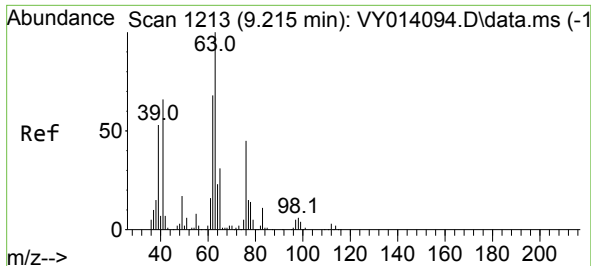
Tgt Ion: 43 Resp: 104089
Ion Ratio Lower Upper
43 100
61 30.4 21.1 31.7
87 14.5 9.8 14.8



#44
Trichloroethene
Concen: 20.099 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

Tgt Ion: 130 Resp: 74717
Ion Ratio Lower Upper
130 100
95 93.6 0.0 196.0

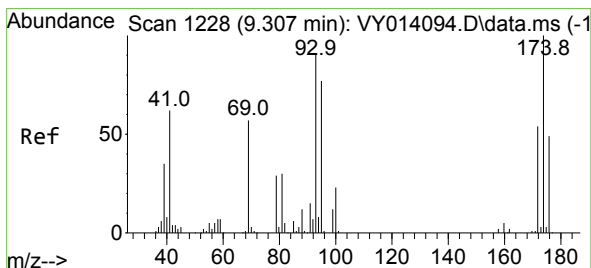
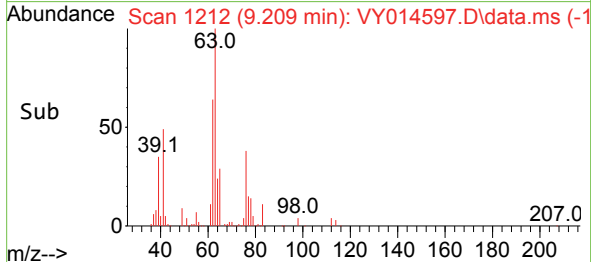
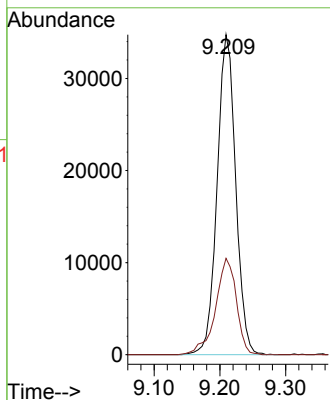
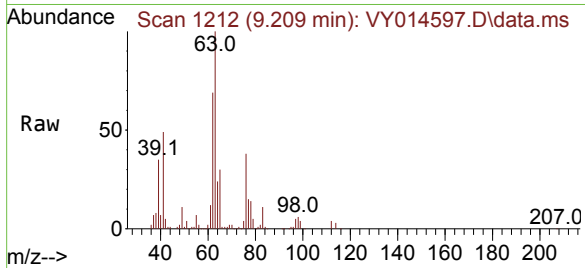




#45
1,2-Dichloropropane
Concen: 19.948 ug/l
RT: 9.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

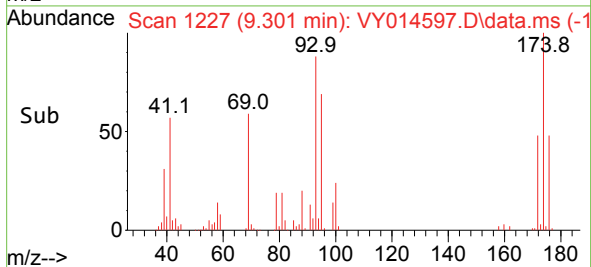
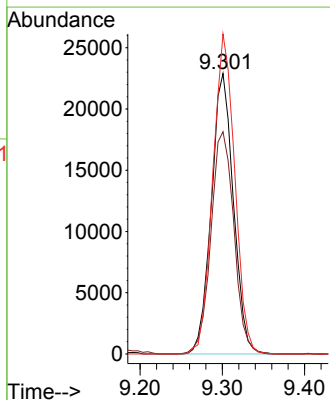
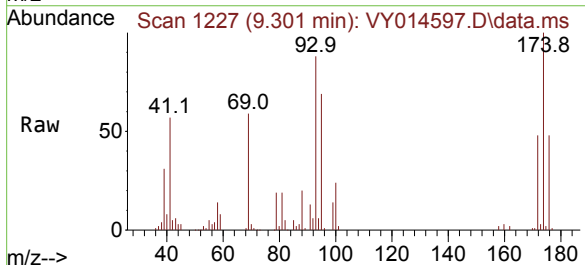
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

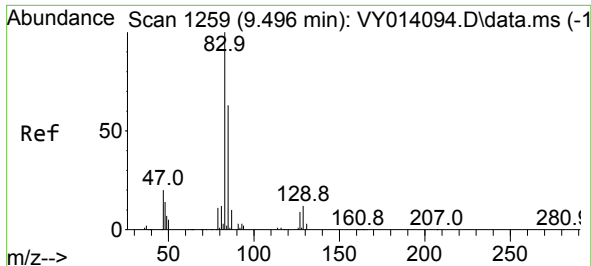
Tgt Ion: 63 Resp: 68236
Ion Ratio Lower Upper
63 100
65 30.1 23.8 35.6



#46
Dibromomethane
Concen: 20.489 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

Tgt Ion: 93 Resp: 42668
Ion Ratio Lower Upper
93 100
95 82.5 66.6 100.0
174 113.4 84.8 127.2

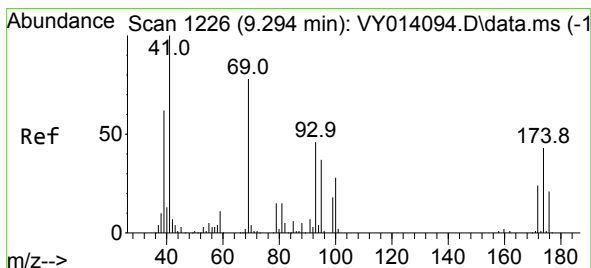
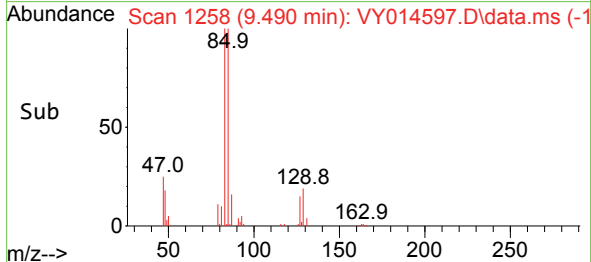
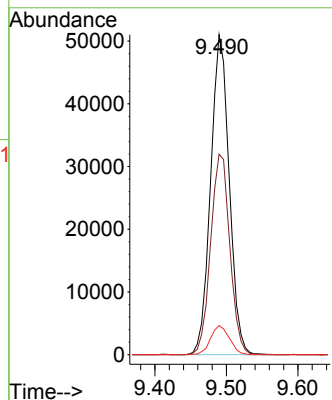
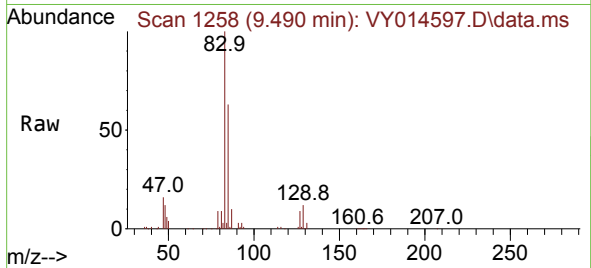




#47
Bromodichloromethane
Concen: 20.037 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

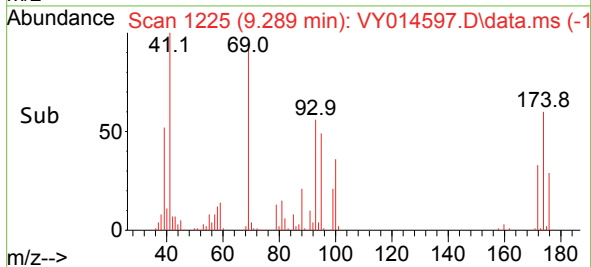
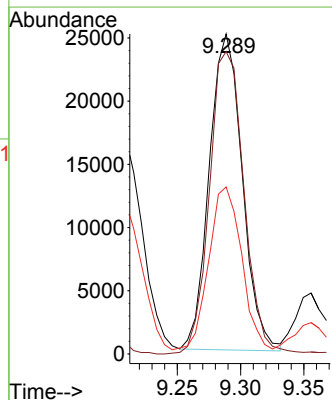
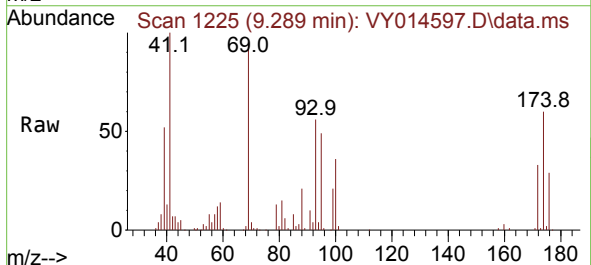
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

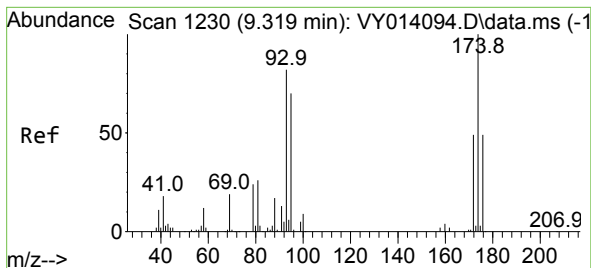
Tgt Ion: 83 Resp: 91939
Ion Ratio Lower Upper
83 100
85 62.7 50.1 75.1
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 19.477 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

Tgt Ion: 41 Resp: 45345
Ion Ratio Lower Upper
41 100
69 100.3 64.5 96.7#
39 51.5 50.8 76.2





#49

1,4-Dioxane

Concen: 411.846 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.024 min

Lab File: VY014597.D

Acq: 07 Jul 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

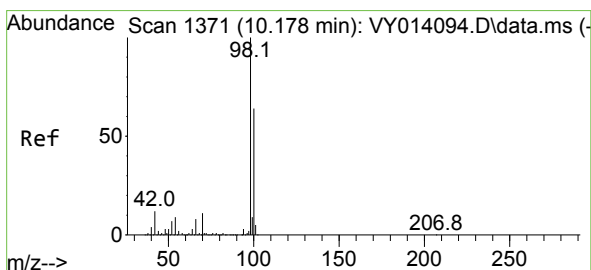
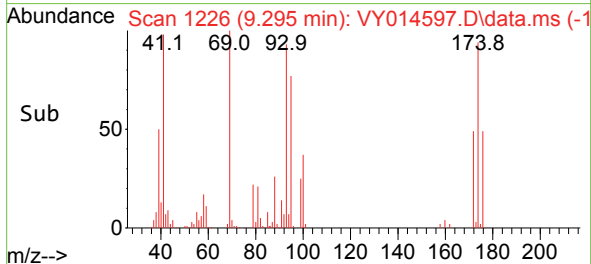
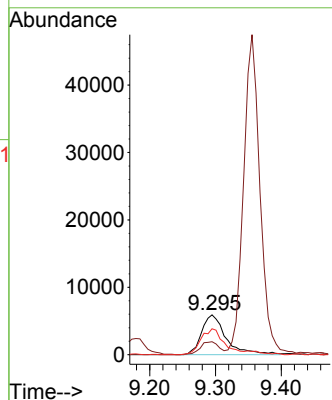
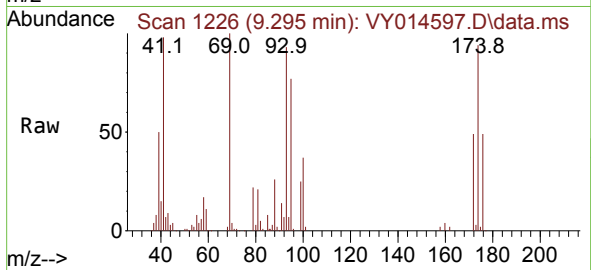
Tgt Ion: 88 Resp: 15315

Ion Ratio Lower Upper

88 100

43 24.9 0.0 0.0#

58 60.9 30.9 46.3#



#50

Toluene-d8

Concen: 48.907 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.005 min

Lab File: VY014597.D

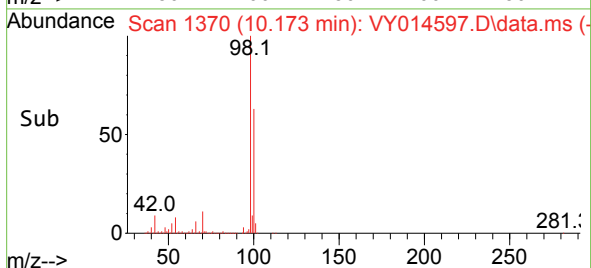
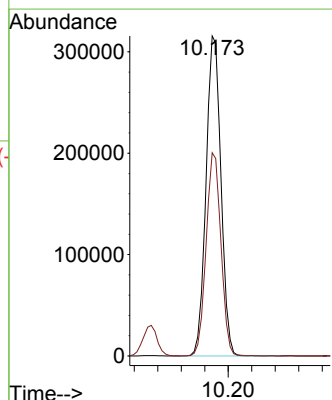
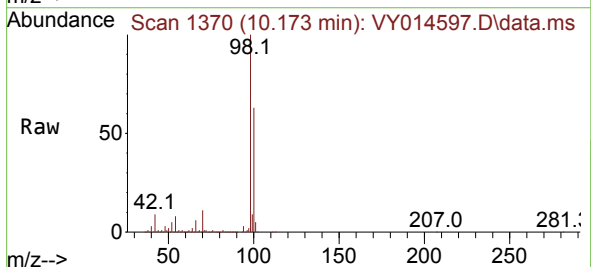
Acq: 07 Jul 2023 11:12

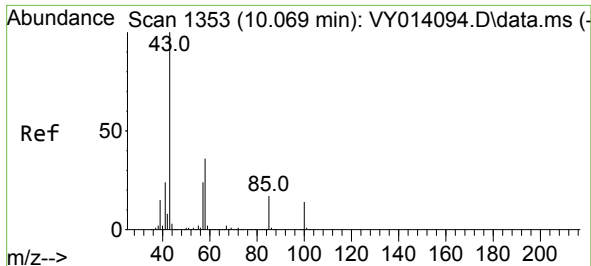
Tgt Ion: 98 Resp: 556120

Ion Ratio Lower Upper

98 100

100 62.9 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 101.463 ug/l

RT: 10.063 min Scan# 1352

Delta R.T. -0.006 min

Lab File: VY014597.D

Acq: 07 Jul 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

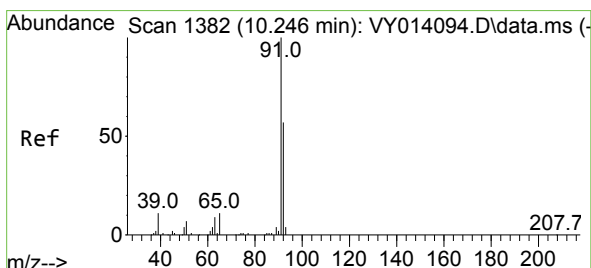
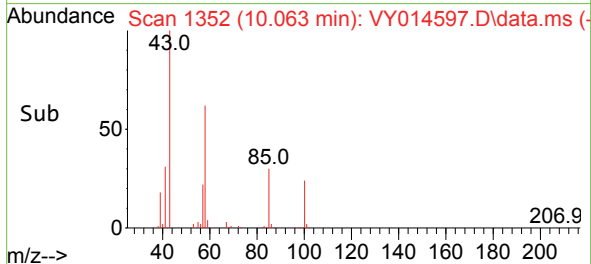
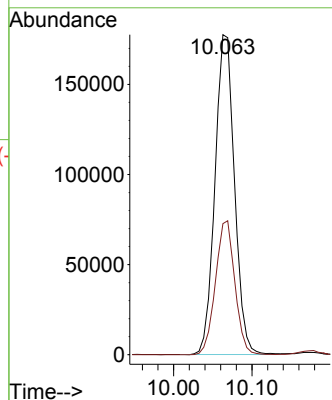
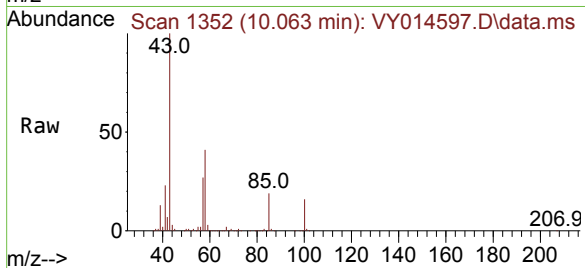
VY0707SBS01

Tgt Ion: 43 Resp: 307522

Ion Ratio Lower Upper

43 100

58 41.6 29.0 43.6



#52

Toluene

Concen: 19.651 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.006 min

Lab File: VY014597.D

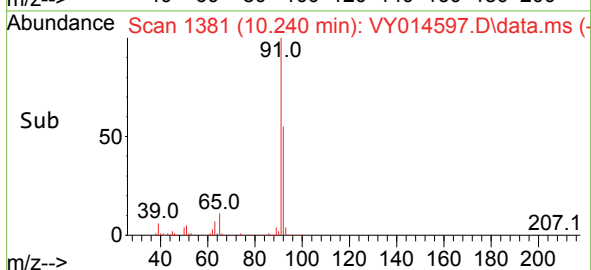
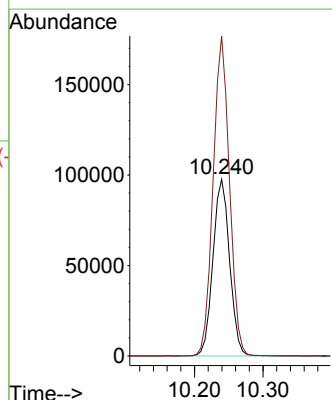
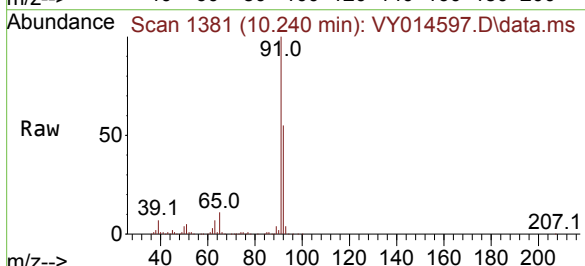
Acq: 07 Jul 2023 11:12

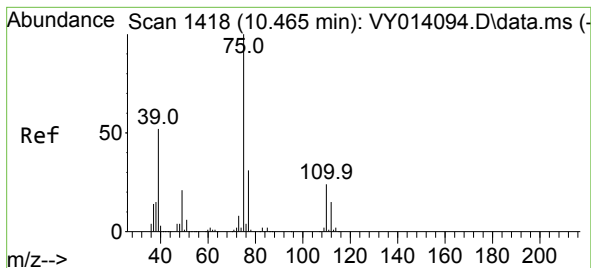
Tgt Ion: 92 Resp: 164893

Ion Ratio Lower Upper

92 100

91 177.8 143.8 215.6

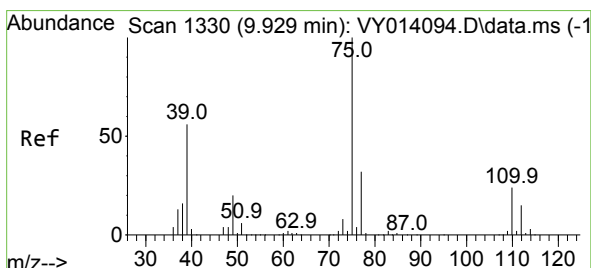
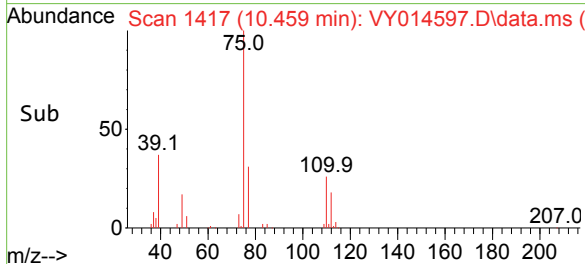
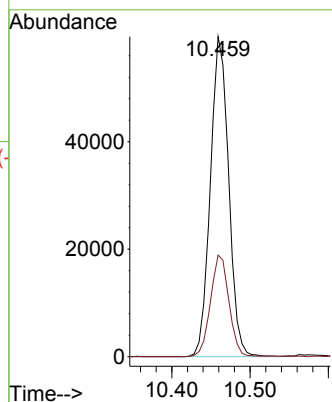
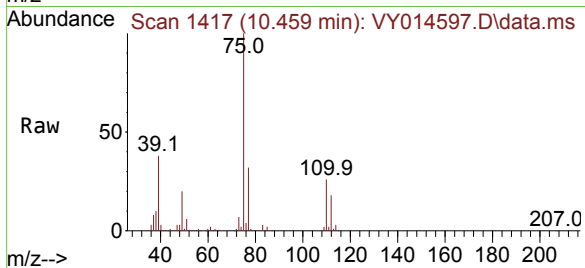




#53
 t-1,3-Dichloropropene
 Concen: 19.687 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY014597.D
 Acq: 07 Jul 2023 11:12

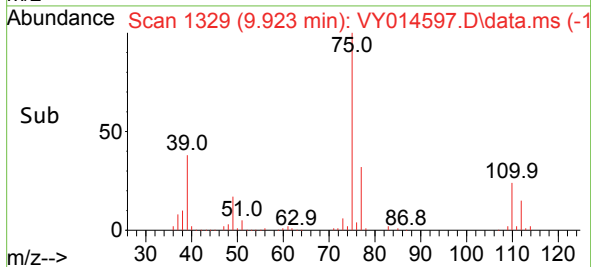
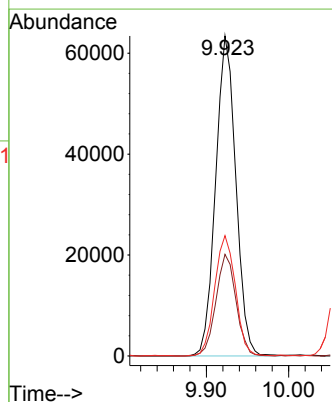
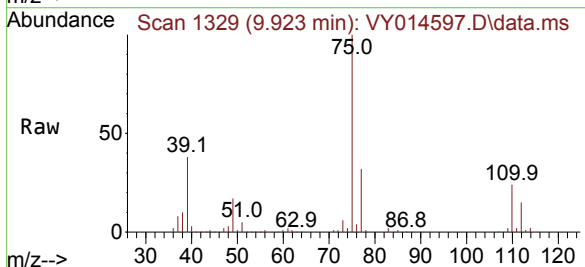
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

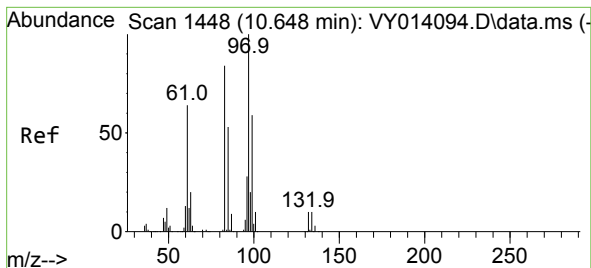
Tgt Ion: 75 Resp: 96596
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.798 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY014597.D
 Acq: 07 Jul 2023 11:12

Tgt Ion: 75 Resp: 108384
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.2 36.4
 39 37.6 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 19.953 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY014597.D

Acq: 07 Jul 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

Tgt Ion: 97 Resp: 60462

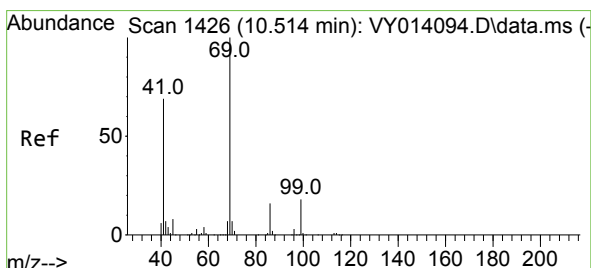
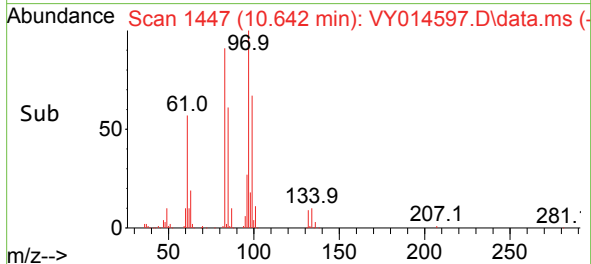
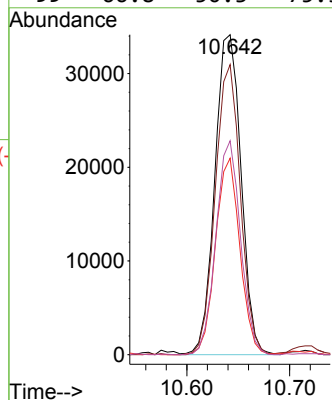
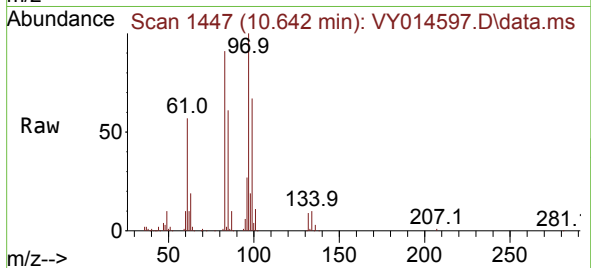
Ion Ratio Lower Upper

97 100

83 90.6 72.0 108.0

85 61.4 45.4 68.0

99 66.8 50.3 75.5



#56

Ethyl methacrylate

Concen: 19.117 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY014597.D

Acq: 07 Jul 2023 11:12

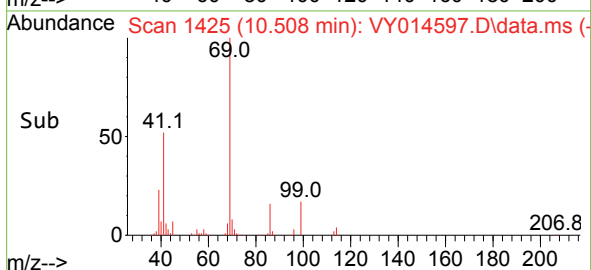
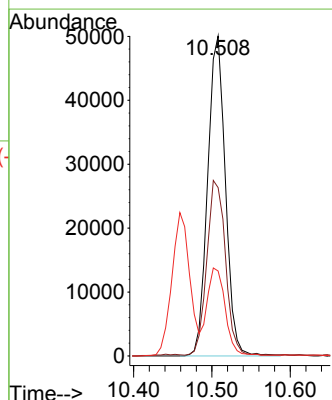
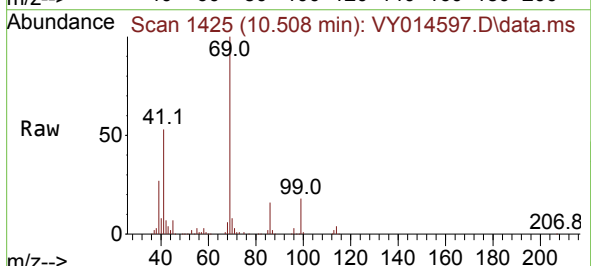
Tgt Ion: 69 Resp: 78799

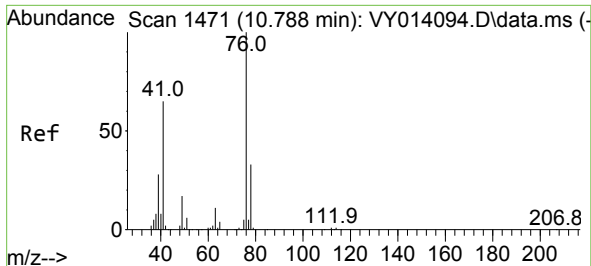
Ion Ratio Lower Upper

69 100

41 57.3 57.6 86.4#

39 27.9 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 19.891 ug/l

RT: 10.782 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VY014597.D

Acq: 07 Jul 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

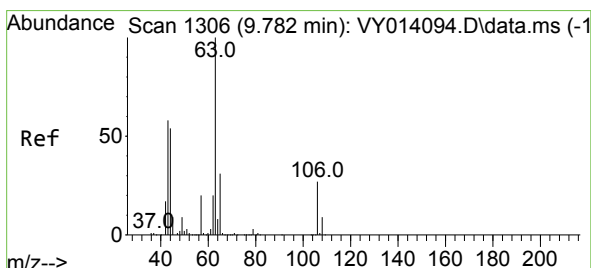
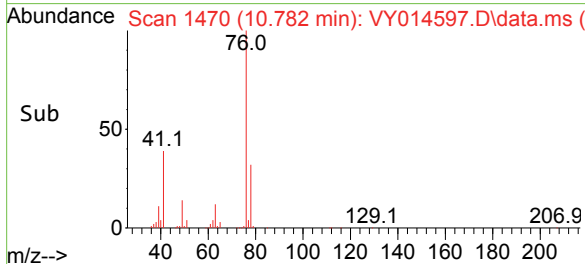
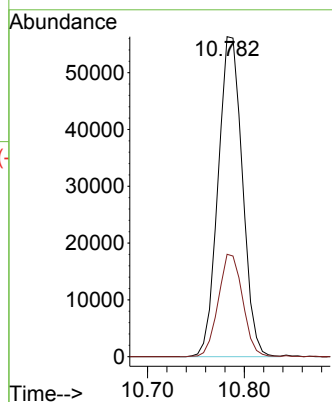
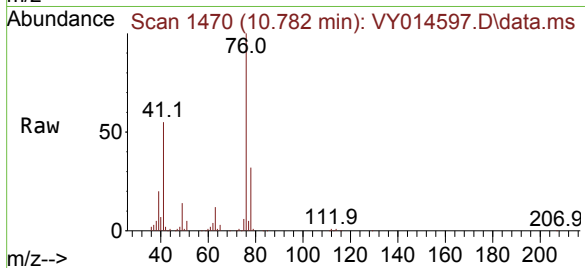
VY0707SBS01

Tgt Ion: 76 Resp: 98209

Ion Ratio Lower Upper

76 100

78 32.1 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 109.397 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014597.D

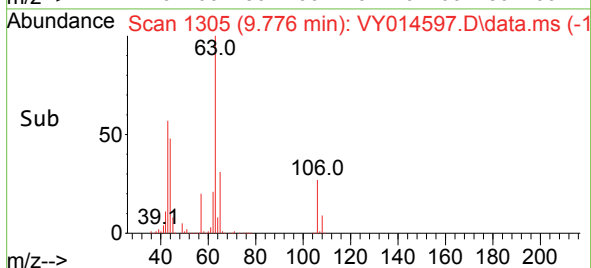
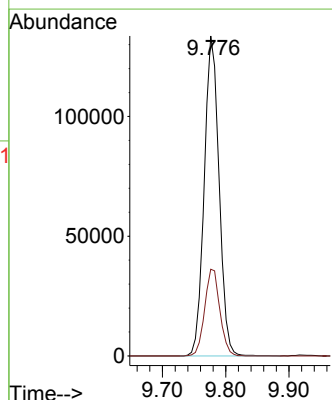
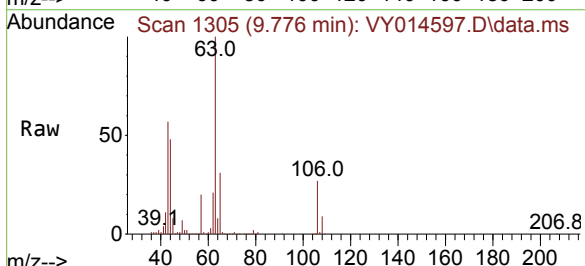
Acq: 07 Jul 2023 11:12

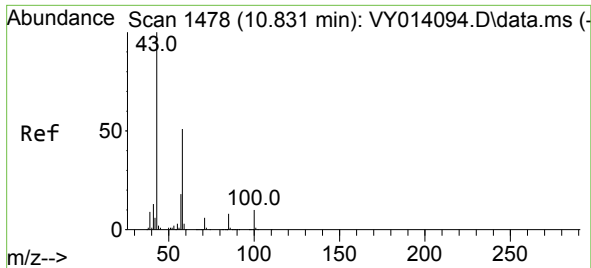
Tgt Ion: 63 Resp: 218453

Ion Ratio Lower Upper

63 100

106 27.7 21.2 31.8

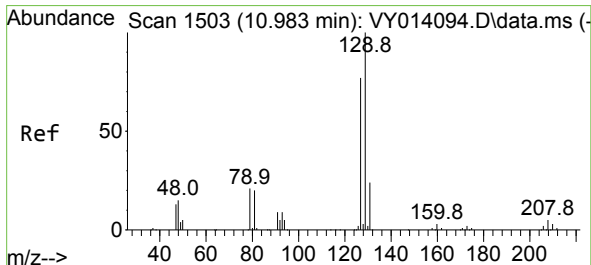
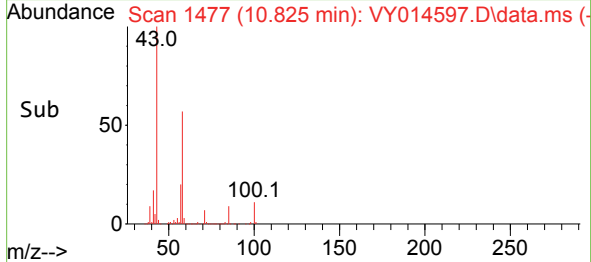
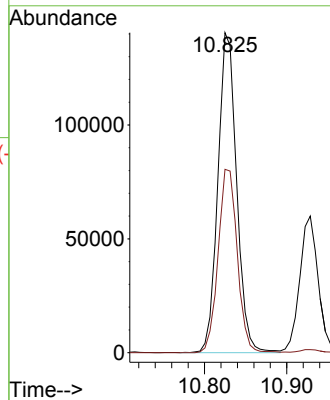
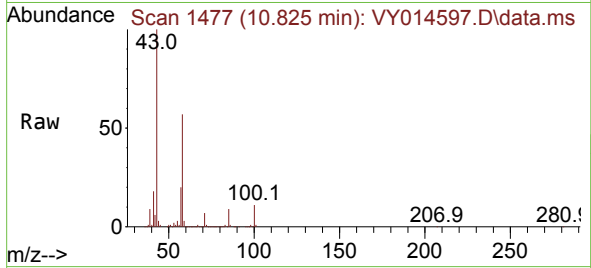




#59
2-Hexanone
Concen: 101.745 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

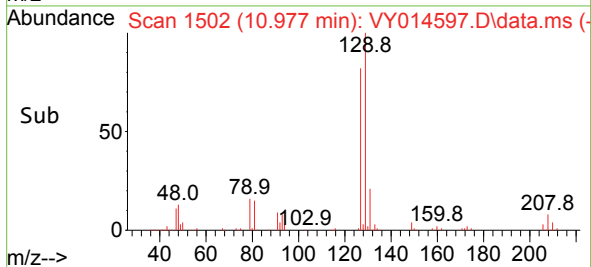
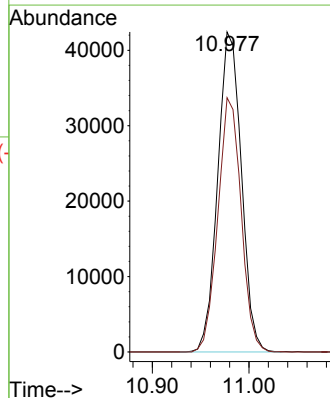
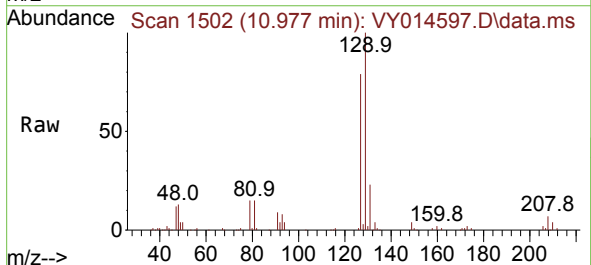
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

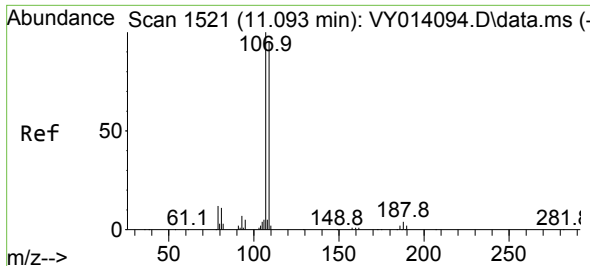
Tgt Ion: 43 Resp: 222759
Ion Ratio Lower Upper
43 100
58 58.5 25.1 75.3



#60
Dibromochloromethane
Concen: 20.256 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

Tgt Ion: 129 Resp: 71922
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5

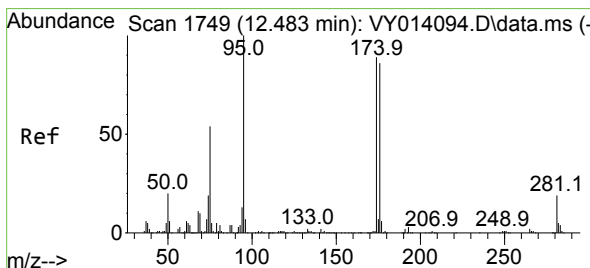
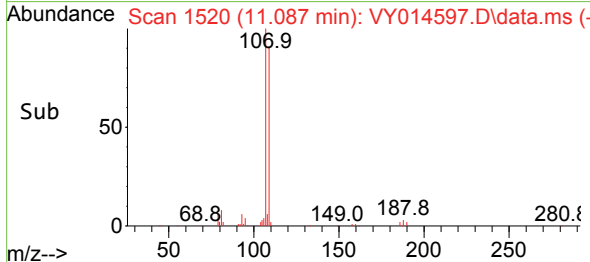
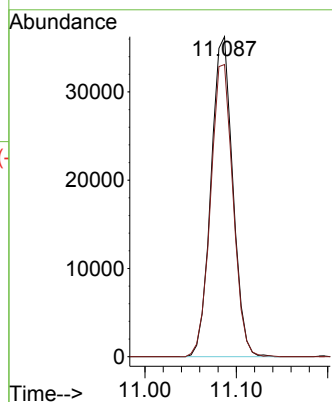
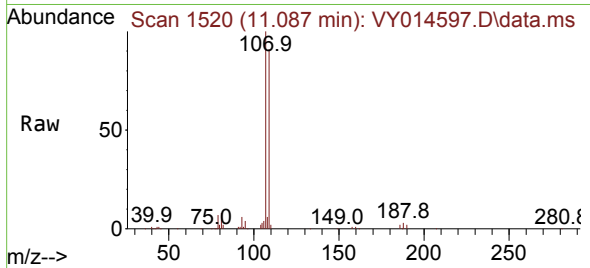




#61
1,2-Dibromoethane
Concen: 20.235 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

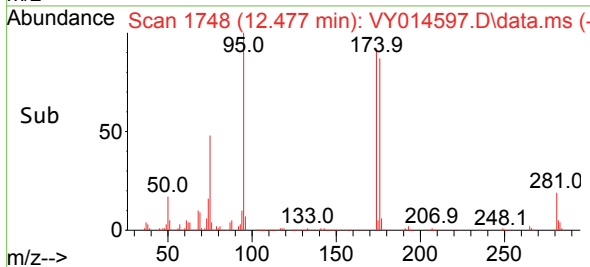
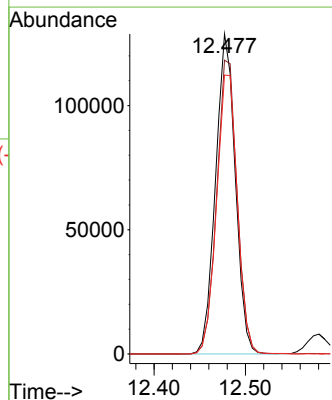
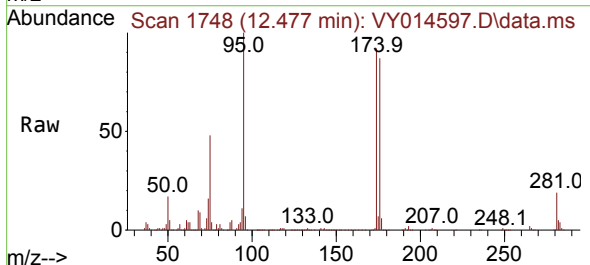
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

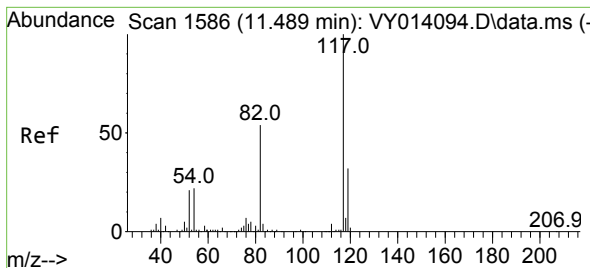
Tgt Ion:107 Resp: 59862
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.969 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

Tgt Ion: 95 Resp: 193352
Ion Ratio Lower Upper
95 100
174 95.0 0.0 178.2
176 92.0 0.0 173.8

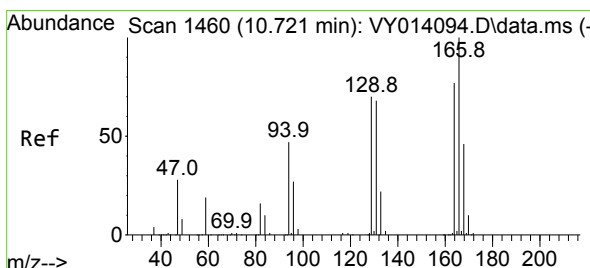
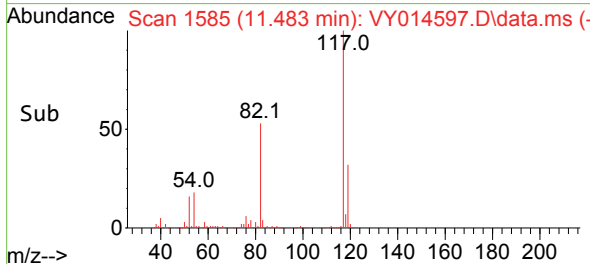
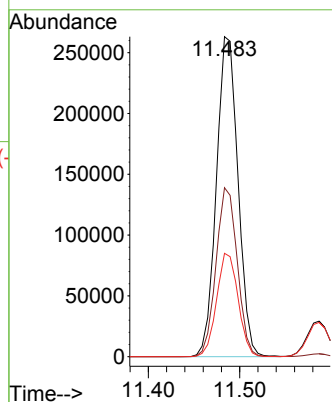
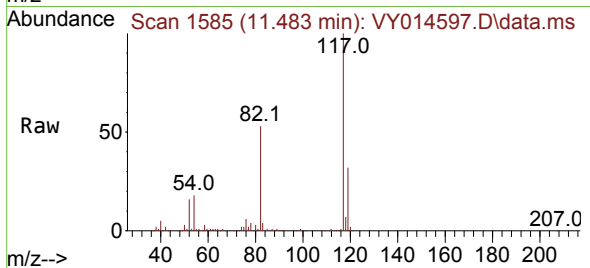




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

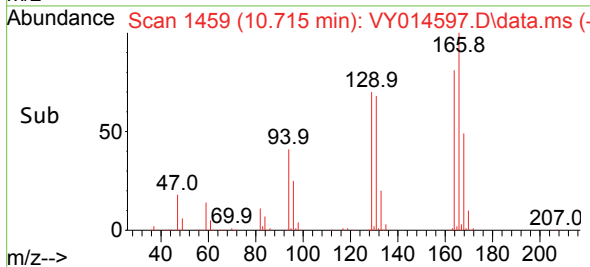
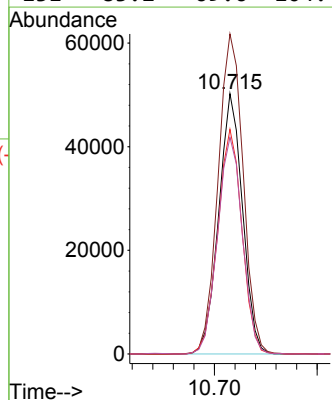
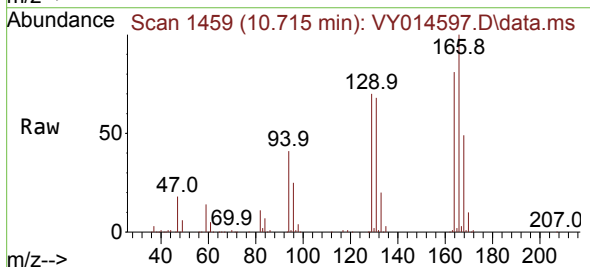
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

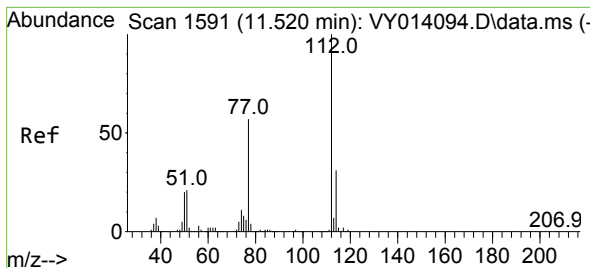
Tgt Ion:117 Resp: 432516
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 32.3 26.3 39.5



#64
Tetrachloroethene
Concen: 20.899 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

Tgt Ion:164 Resp: 80806
Ion Ratio Lower Upper
164 100
166 122.9 103.0 154.6
129 86.3 77.2 115.8
131 83.2 69.6 104.4





#65

Chlorobenzene

Concen: 19.599 ug/l

RT: 11.514 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014597.D

Acq: 07 Jul 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

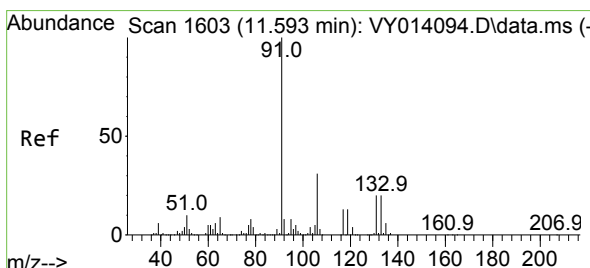
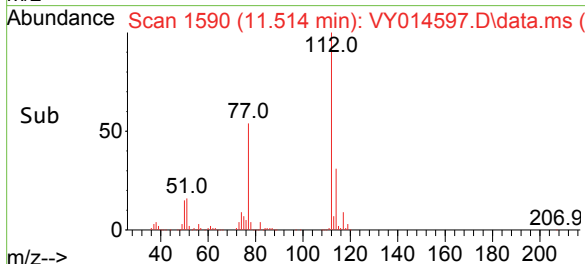
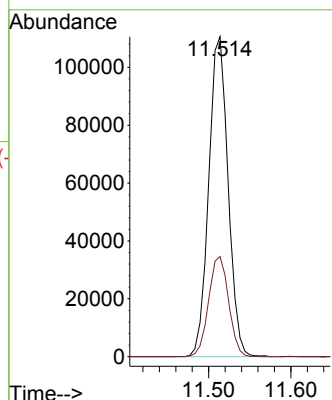
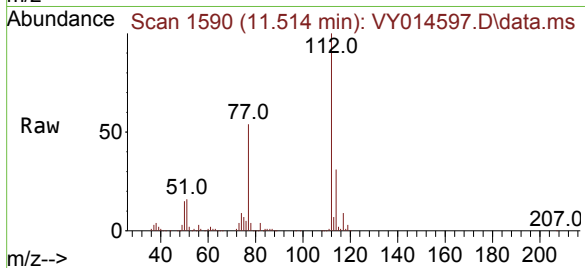
VY0707SBS01

Tgt Ion:112 Resp: 180649

Ion Ratio Lower Upper

112 100

114 31.3 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.641 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014597.D

Acq: 07 Jul 2023 11:12

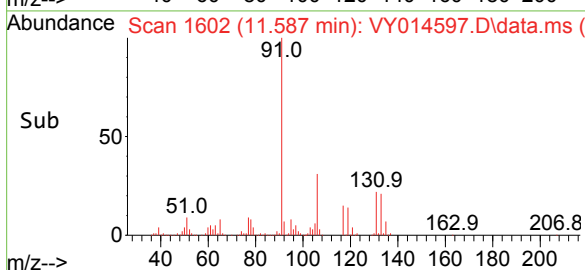
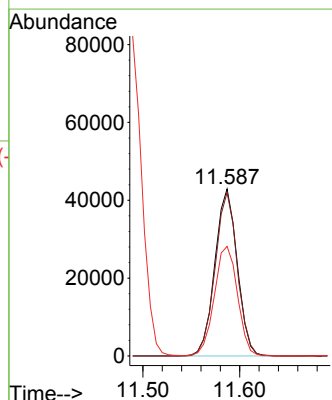
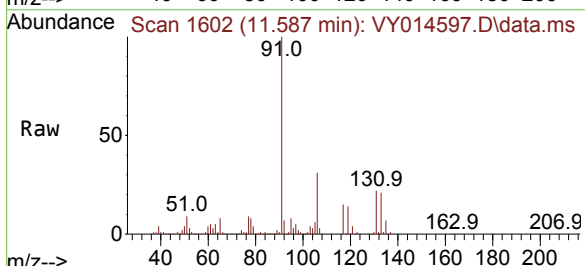
Tgt Ion:131 Resp: 68809

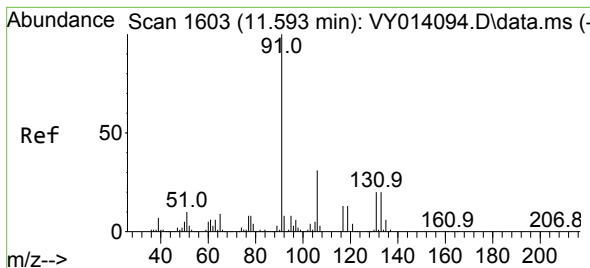
Ion Ratio Lower Upper

131 100

133 97.5 47.5 142.6

119 68.1 31.6 94.7





#67

Ethyl Benzene

Concen: 19.309 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014597.D

Acq: 07 Jul 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

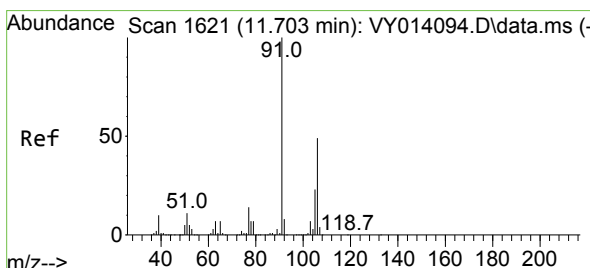
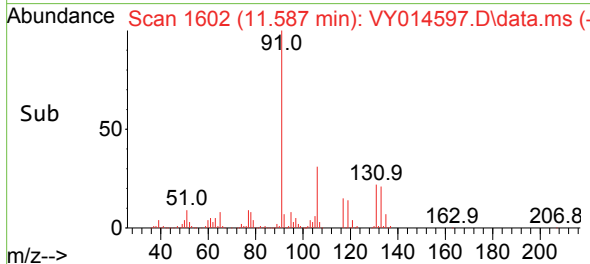
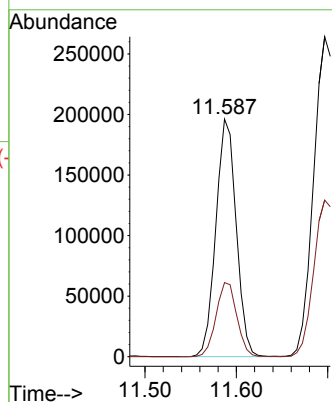
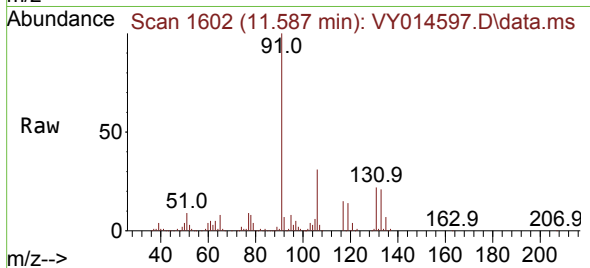
VY0707SBS01

Tgt Ion: 91 Resp: 303513

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 38.842 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY014597.D

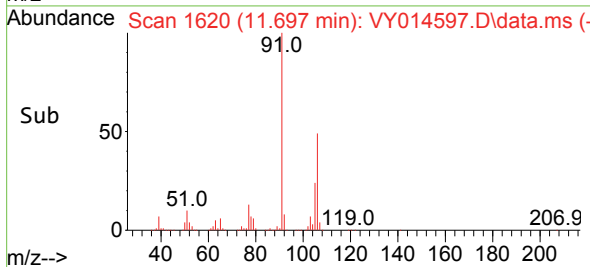
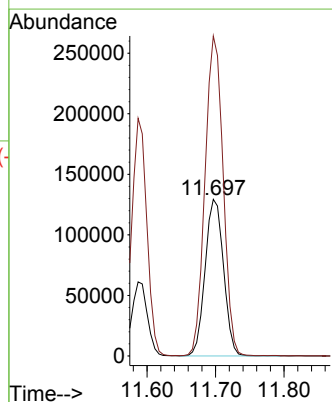
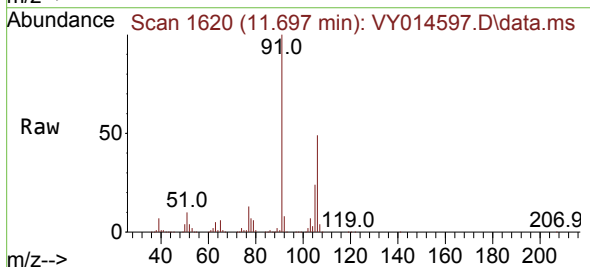
Acq: 07 Jul 2023 11:12

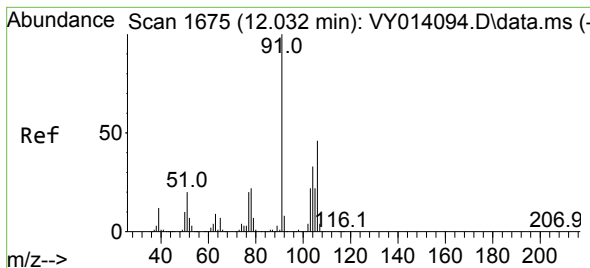
Tgt Ion:106 Resp: 242179

Ion Ratio Lower Upper

106 100

91 200.4 166.1 249.1





#69

o-Xylene

Concen: 19.158 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014597.D

Acq: 07 Jul 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

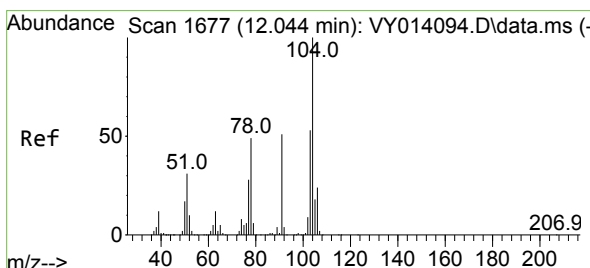
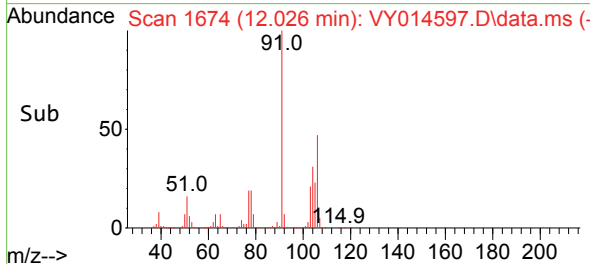
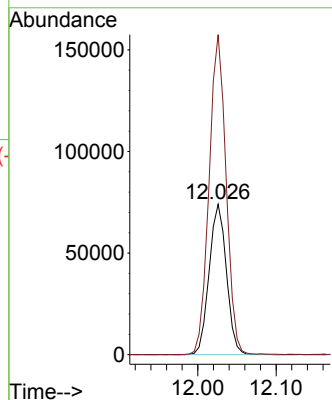
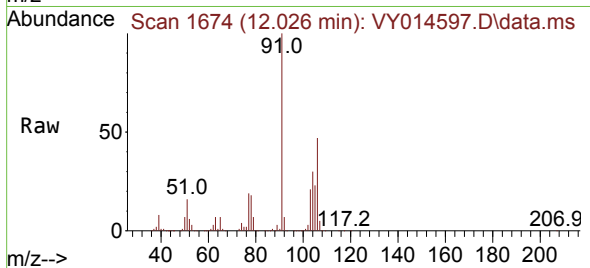
VY0707SBS01

Tgt Ion:106 Resp: 113291

Ion Ratio Lower Upper

106 100

91 209.7 108.1 324.3



#70

Styrene

Concen: 19.521 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY014597.D

Acq: 07 Jul 2023 11:12

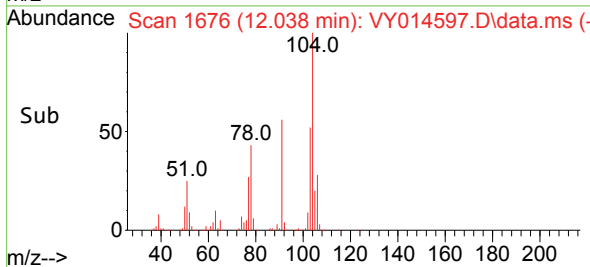
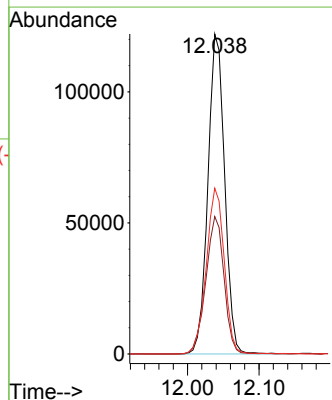
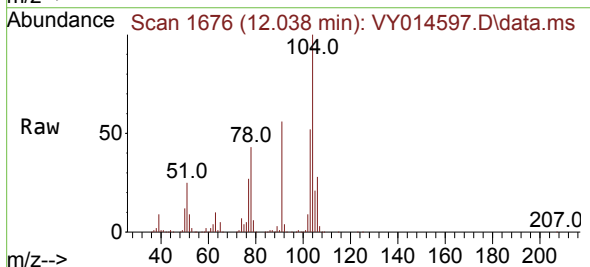
Tgt Ion:104 Resp: 198607

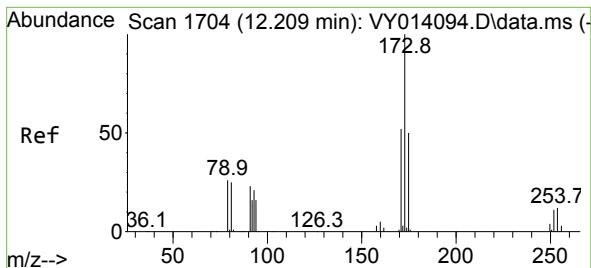
Ion Ratio Lower Upper

104 100

78 46.8 41.5 62.3

103 55.7 44.6 67.0





#71

Bromoform

Concen: 20.825 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014597.D

Acq: 07 Jul 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

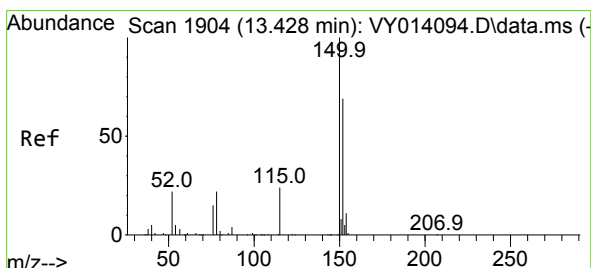
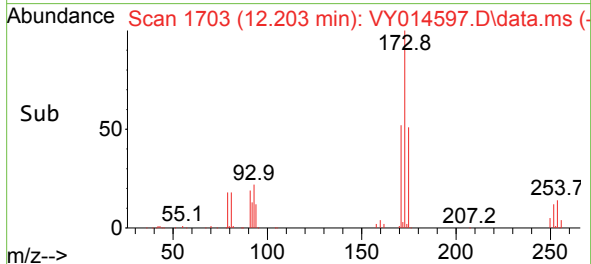
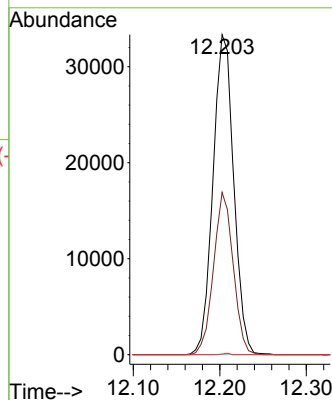
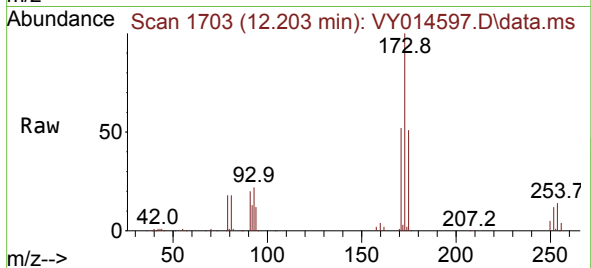
Tgt Ion:173 Resp: 55425

Ion Ratio Lower Upper

173 100

175 48.1 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: VY014597.D

Acq: 07 Jul 2023 11:12

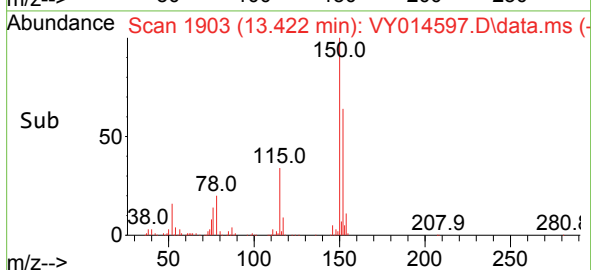
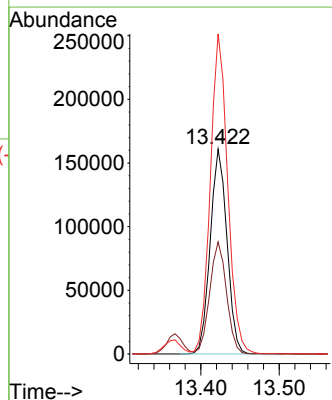
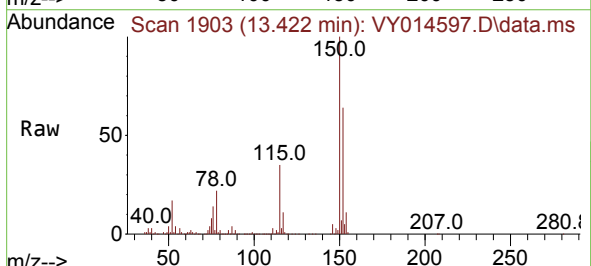
Tgt Ion:152 Resp: 239054

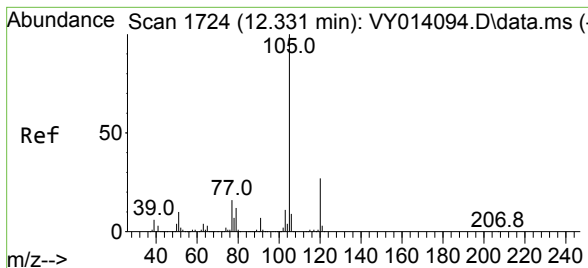
Ion Ratio Lower Upper

152 100

115 54.7 28.8 86.5

150 161.7 0.0 348.8





#73

Isopropylbenzene

Concen: 19.000 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014597.D

Acq: 07 Jul 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

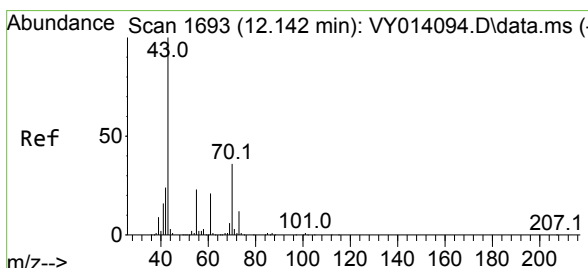
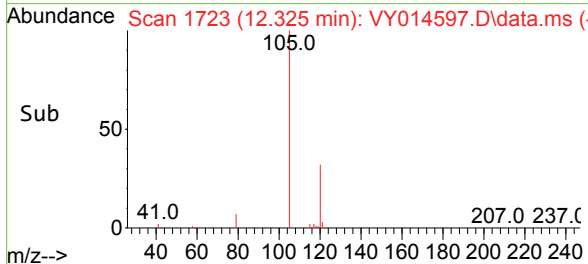
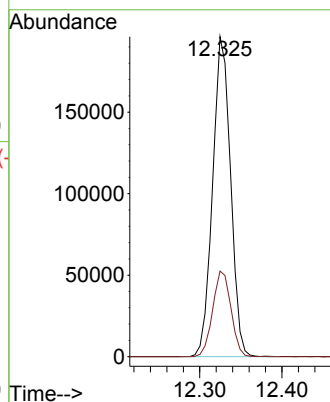
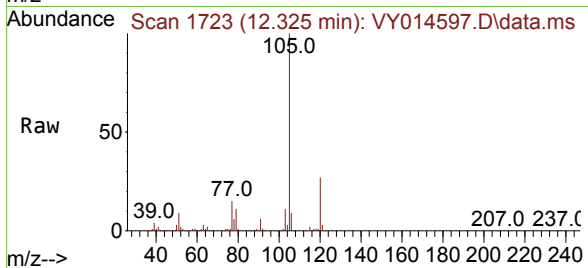
VY0707SBS01

Tgt Ion:105 Resp: 297471

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.9



#74

N-ethyl acetate

Concen: 19.469 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014597.D

Acq: 07 Jul 2023 11:12

Tgt Ion: 43 Resp: 91994

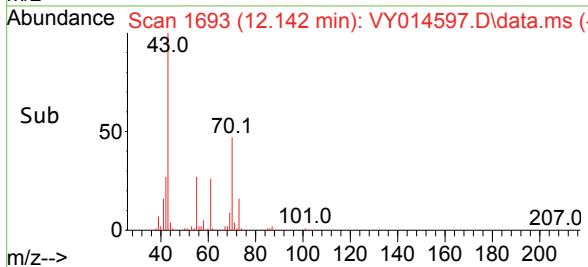
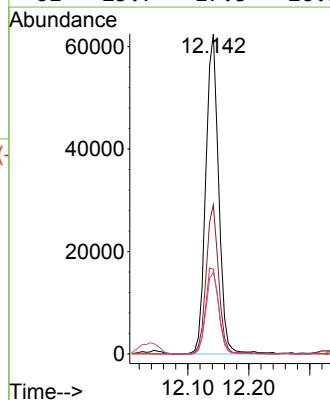
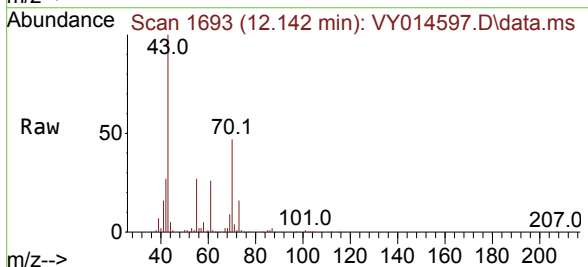
Ion Ratio Lower Upper

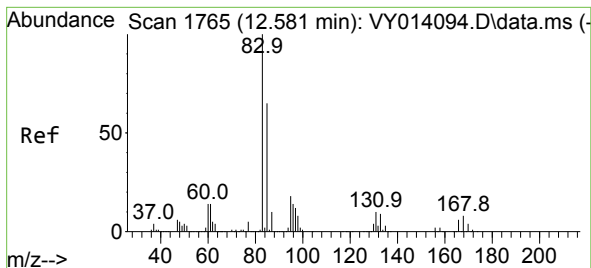
43 100

70 44.5 29.7 44.5#

55 27.7 18.3 27.5#

61 25.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.906 ug/l

RT: 12.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014597.D

Acq: 07 Jul 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

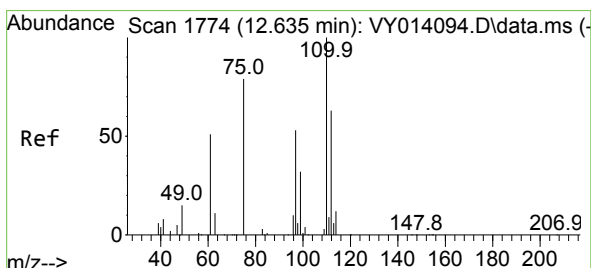
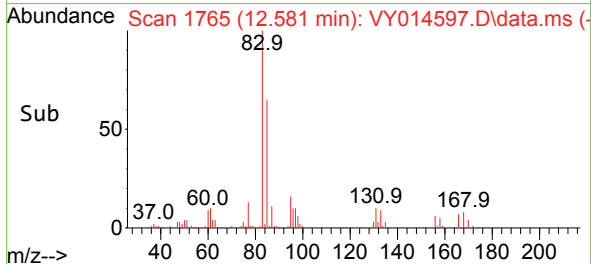
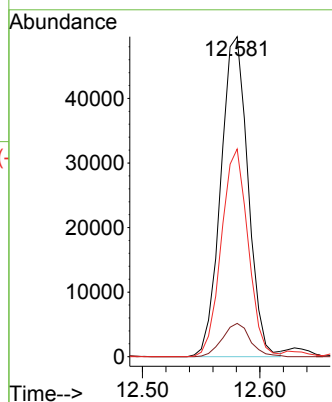
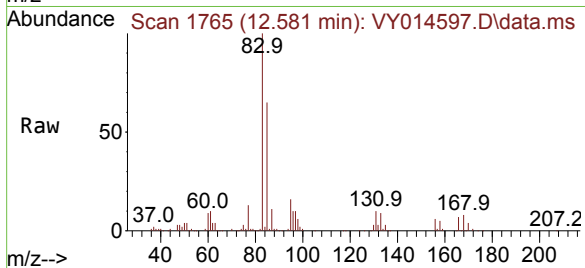
Tgt Ion: 83 Resp: 79979

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

85 63.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 36.134 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY014597.D

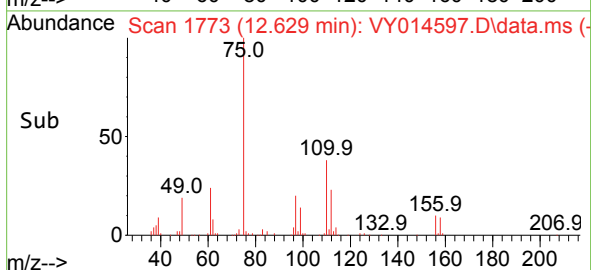
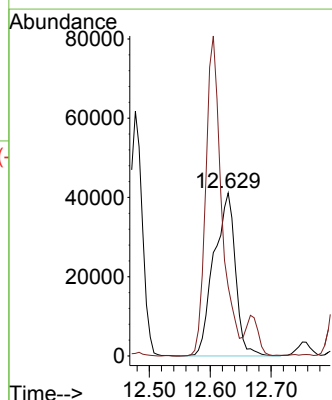
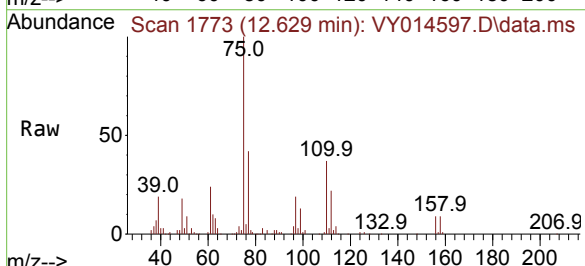
Acq: 07 Jul 2023 11:12

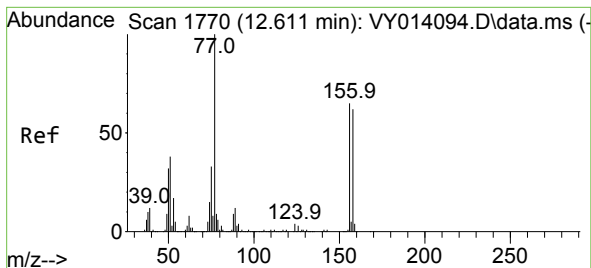
Tgt Ion: 75 Resp: 101364

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.650 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014597.D

Acq: 07 Jul 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

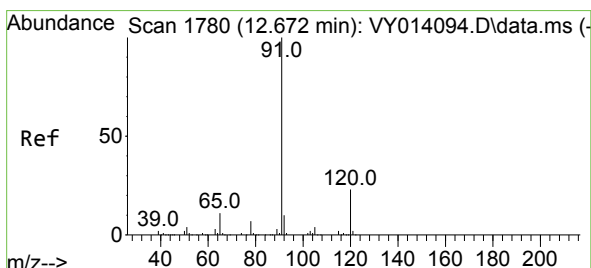
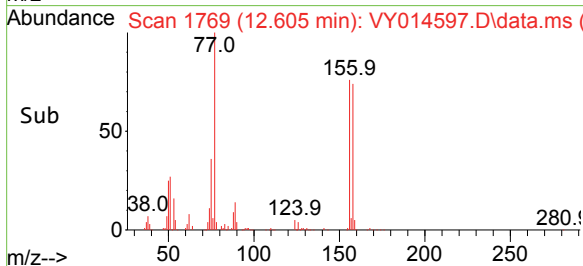
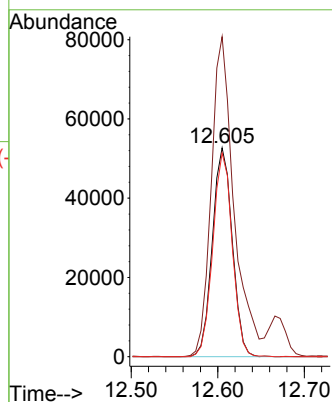
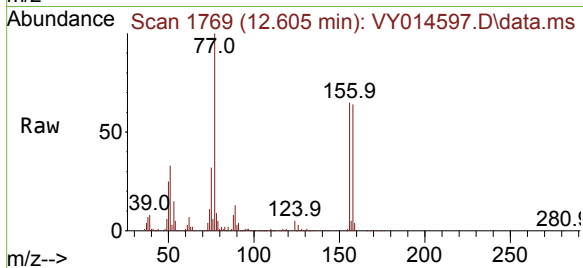
Tgt Ion:156 Resp: 84027

Ion Ratio Lower Upper

156 100

77 174.2 92.8 278.6

158 95.6 48.4 145.3



#78

n-propylbenzene

Concen: 19.521 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY014597.D

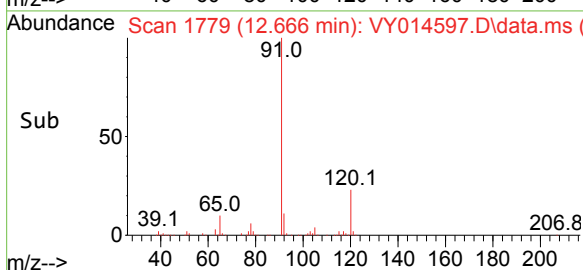
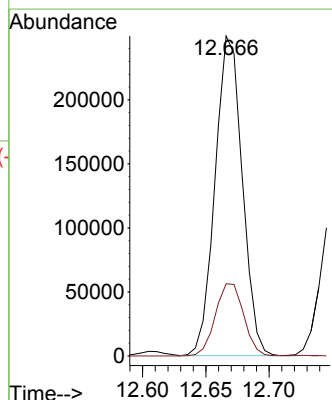
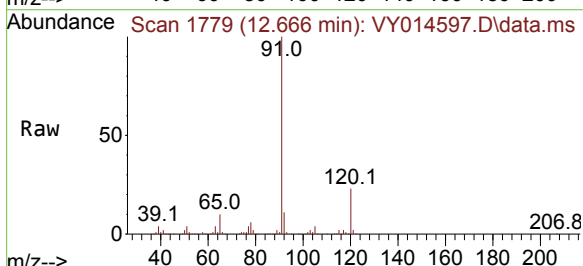
Acq: 07 Jul 2023 11:12

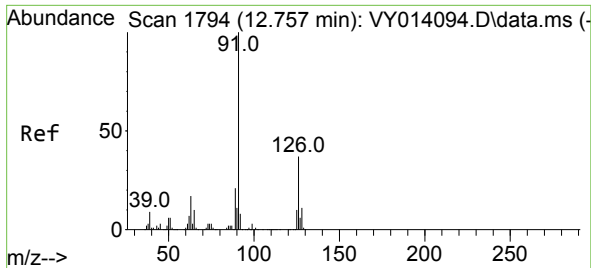
Tgt Ion: 91 Resp: 372818

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4

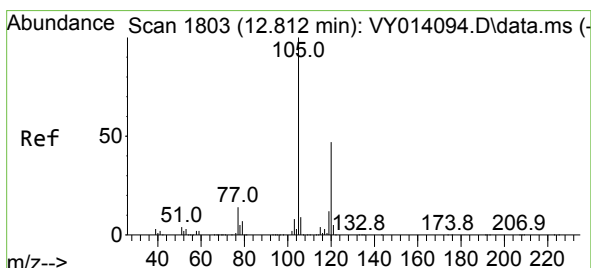
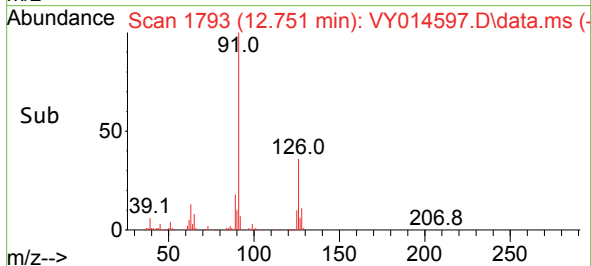
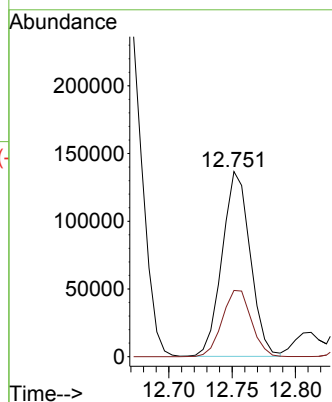
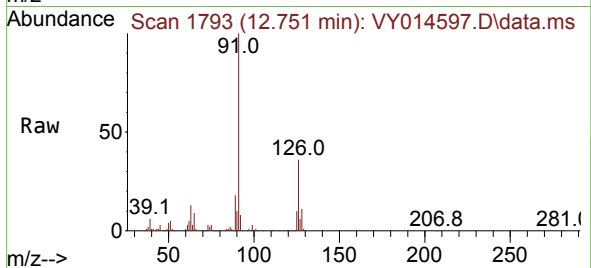




#79
2-Chlorotoluene
Concen: 19.232 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

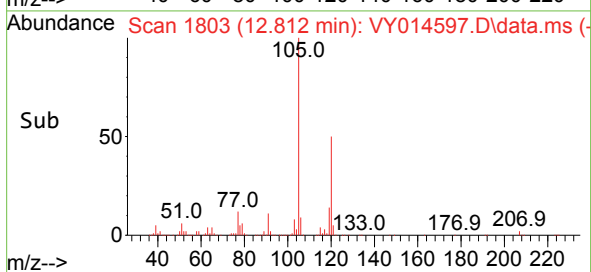
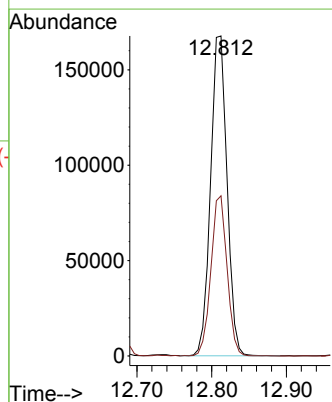
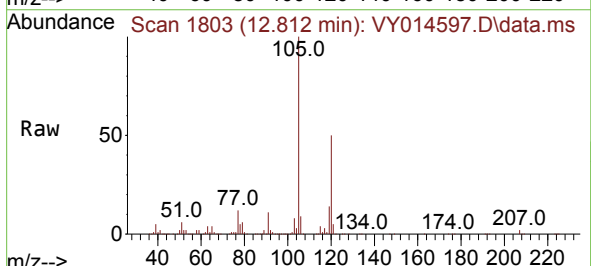
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

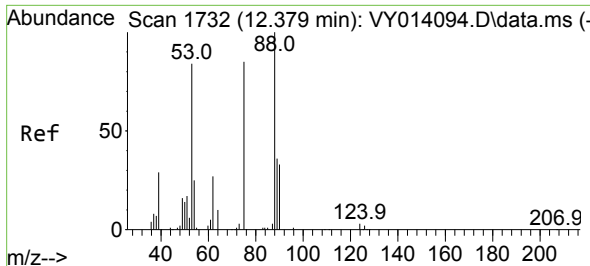
Tgt Ion: 91 Resp: 211379
Ion Ratio Lower Upper
91 100
126 37.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.315 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

Tgt Ion: 105 Resp: 255998
Ion Ratio Lower Upper
105 100
120 49.3 23.9 71.7

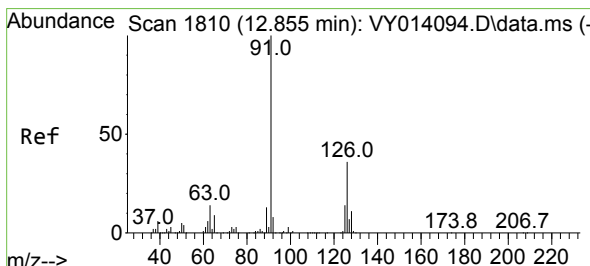
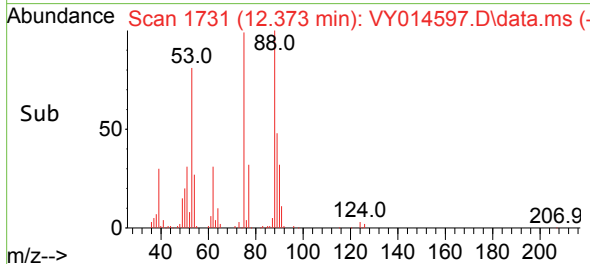
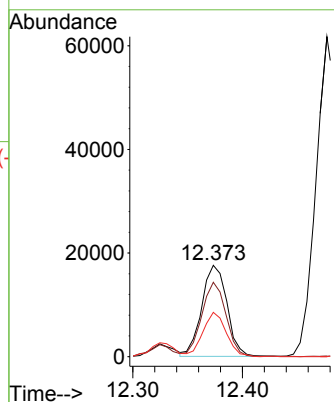
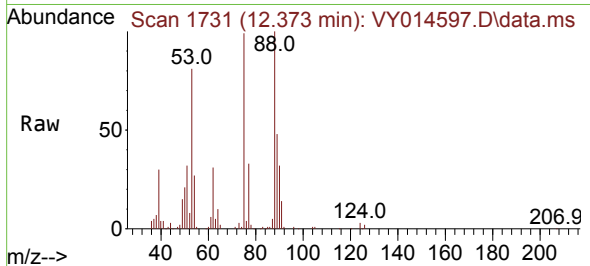




#81
trans-1,4-Dichloro-2-butene
Concen: 19.382 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

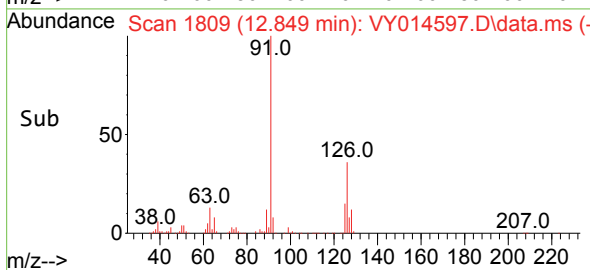
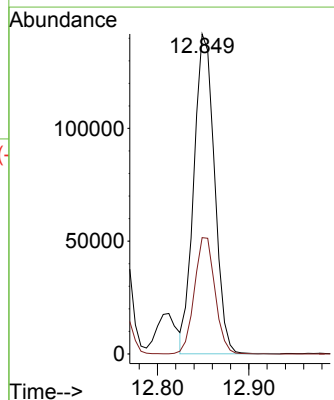
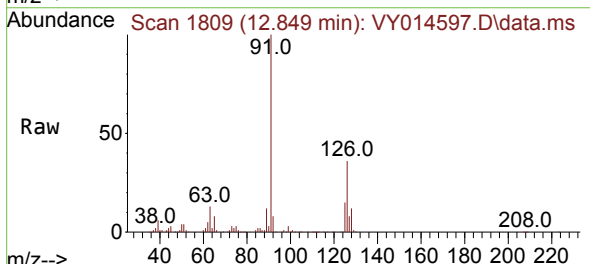
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

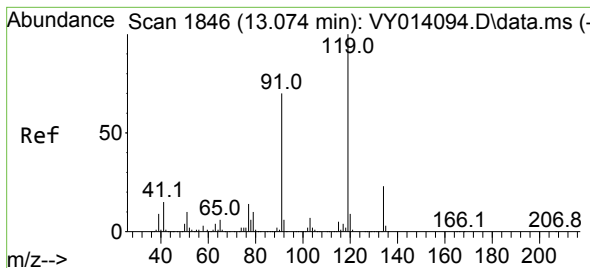
Tgt Ion: 75 Resp: 27934
Ion Ratio Lower Upper
75 100
53 79.7 77.8 116.8
89 45.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.284 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

Tgt Ion: 91 Resp: 222041
Ion Ratio Lower Upper
91 100
126 36.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.067 ug/l

RT: 13.074 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014597.D

Acq: 07 Jul 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

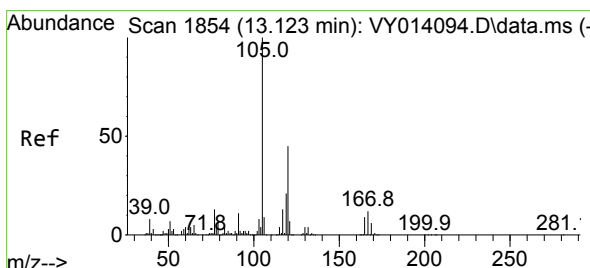
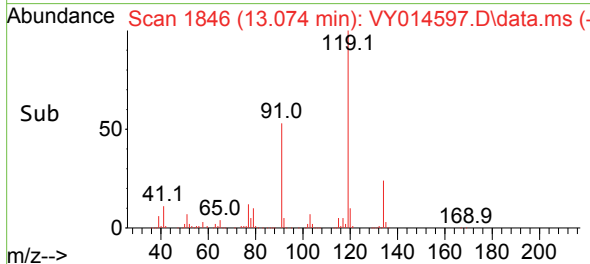
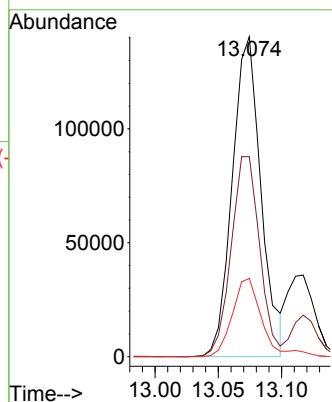
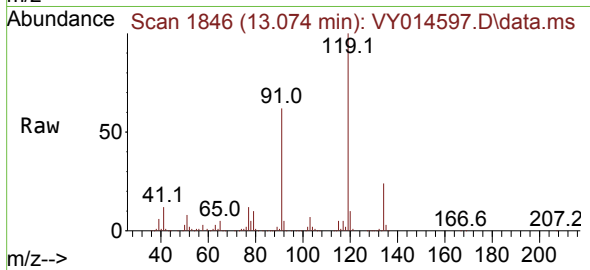
Tgt Ion:119 Resp: 222098

Ion Ratio Lower Upper

119 100

91 62.2 32.9 98.6

134 25.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.016 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY014597.D

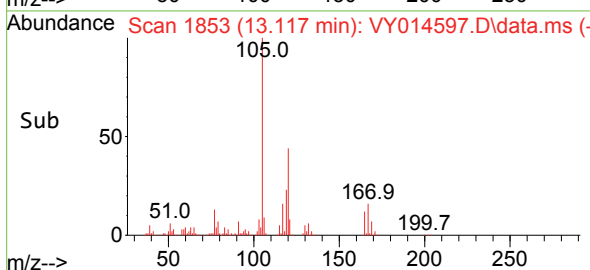
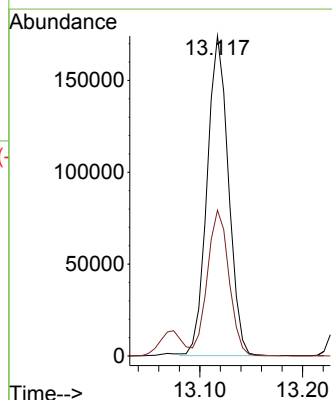
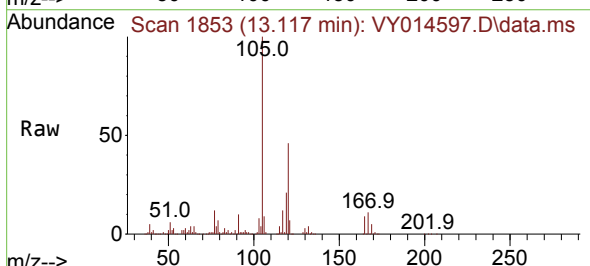
Acq: 07 Jul 2023 11:12

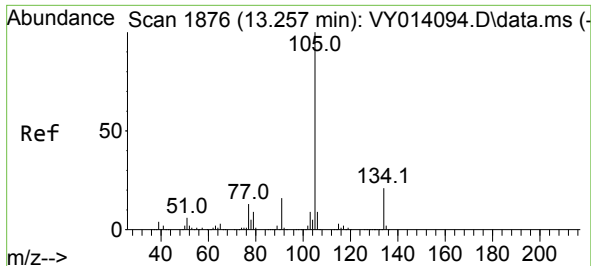
Tgt Ion:105 Resp: 251503

Ion Ratio Lower Upper

105 100

120 46.0 22.2 66.6

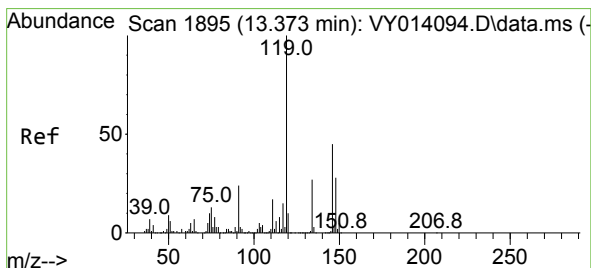
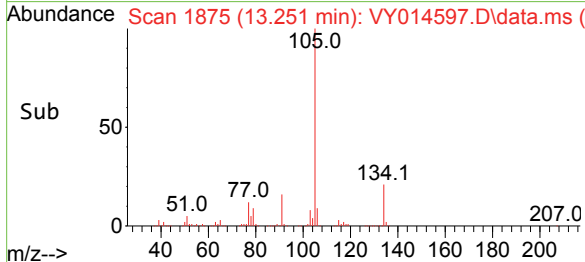
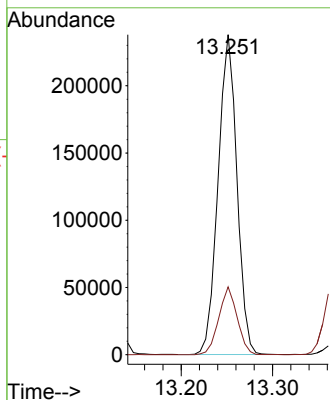
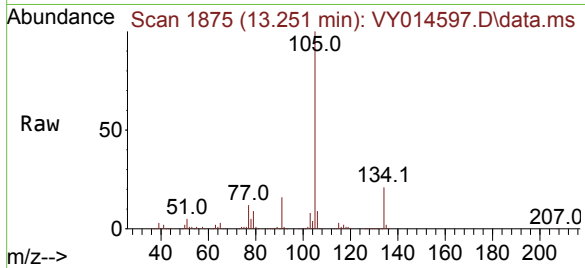




#85
 sec-Butylbenzene
 Concen: 19.843 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014597.D
 Acq: 07 Jul 2023 11:12

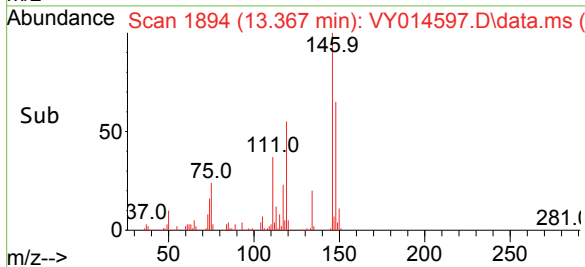
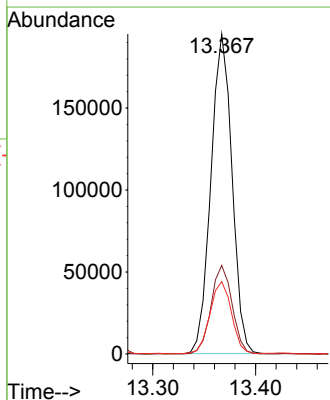
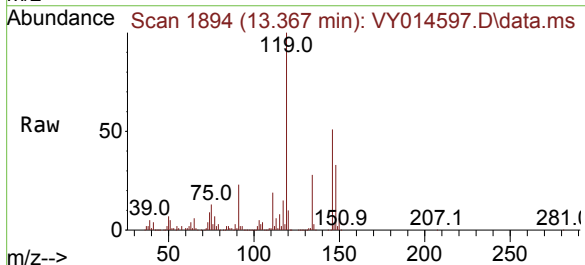
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

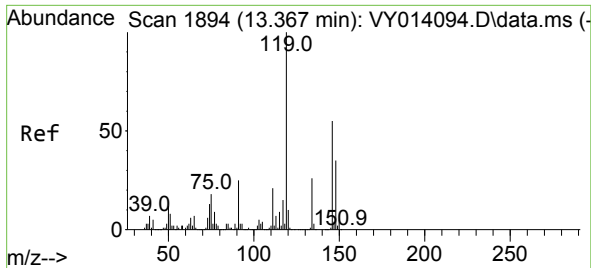
Tgt Ion:105 Resp: 341080
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 19.196 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014597.D
 Acq: 07 Jul 2023 11:12

Tgt Ion:119 Resp: 277676
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.3 39.8
 91 23.0 12.4 37.4

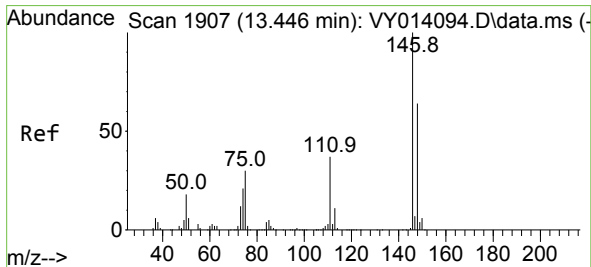
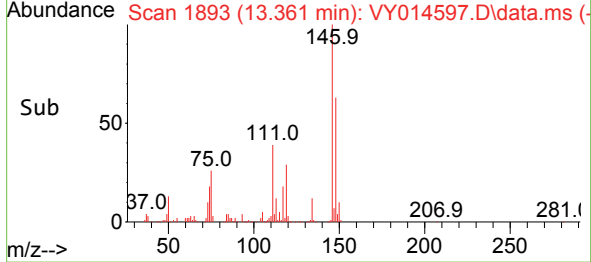
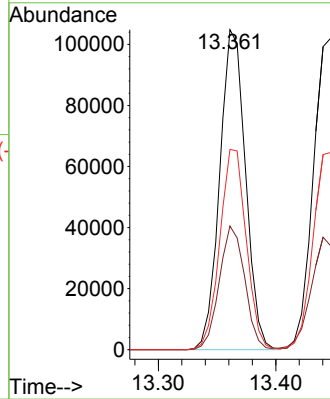
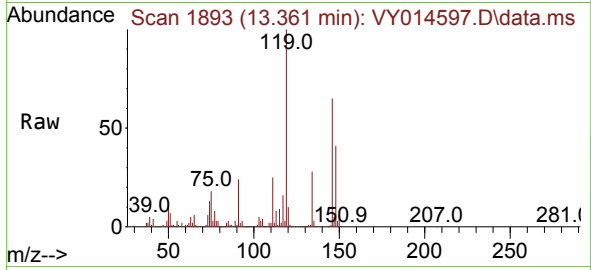




#87
1,3-Dichlorobenzene
Concen: 19.143 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

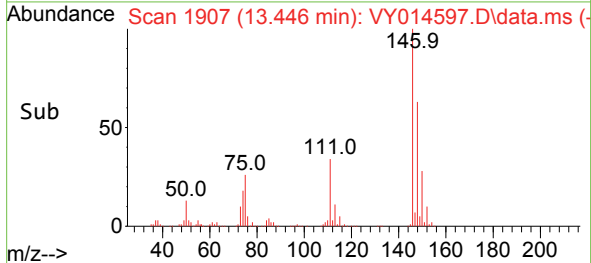
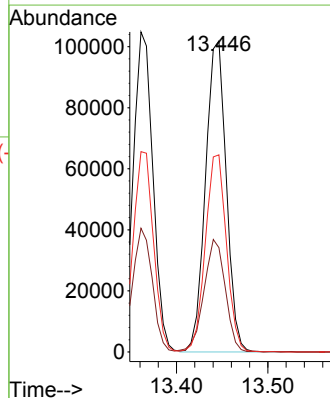
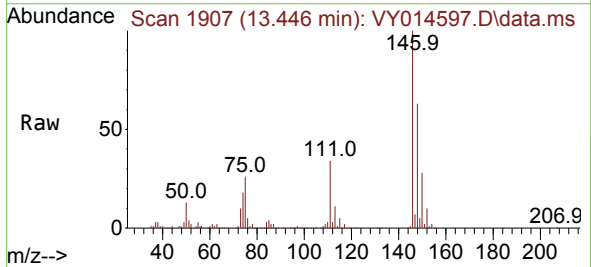
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

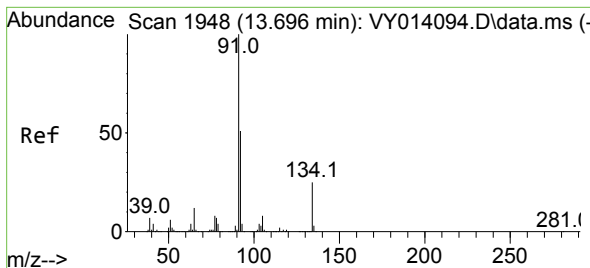
Tgt Ion:146 Resp: 160050
Ion Ratio Lower Upper
146 100
111 38.1 19.4 58.2
148 64.2 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 19.173 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY014597.D
Acq: 07 Jul 2023 11:12

Tgt Ion:146 Resp: 160656
Ion Ratio Lower Upper
146 100
111 37.3 18.9 56.7
148 64.5 32.1 96.5





#89

n-Butylbenzene

Concen: 19.638 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014597.D

Acq: 07 Jul 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

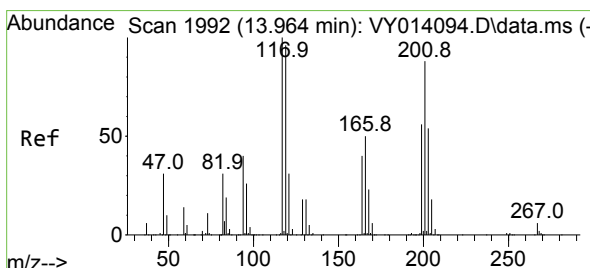
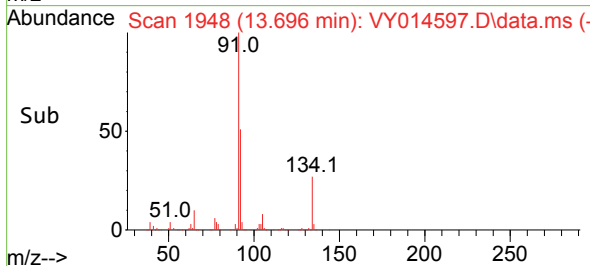
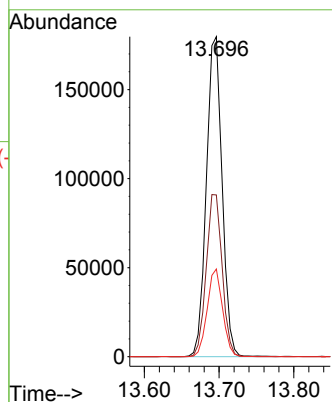
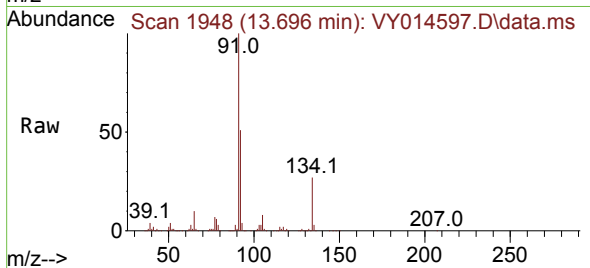
Tgt Ion: 91 Resp: 262526

Ion Ratio Lower Upper

91 100

92 51.2 25.4 76.0

134 26.9 12.6 37.6



#90

Hexachloroethane

Concen: 20.309 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.006 min

Lab File: VY014597.D

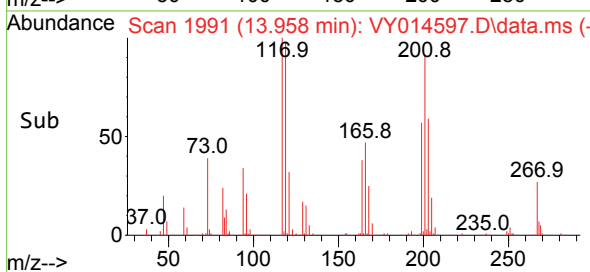
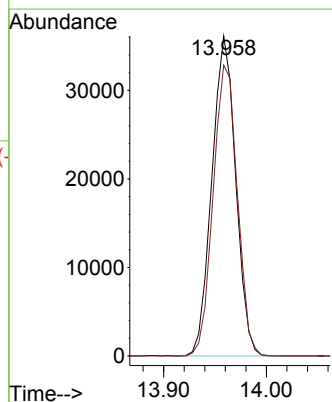
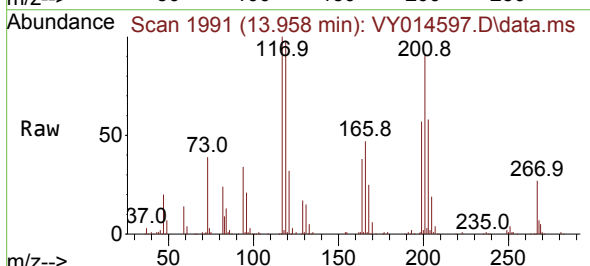
Acq: 07 Jul 2023 11:12

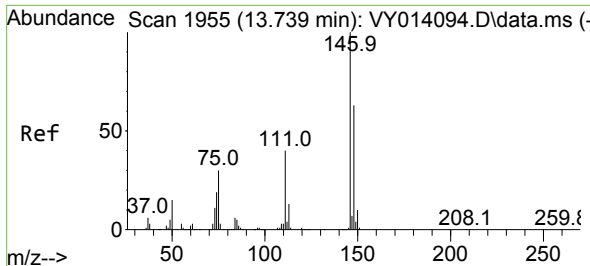
Tgt Ion: 117 Resp: 58192

Ion Ratio Lower Upper

117 100

201 92.2 41.6 124.8

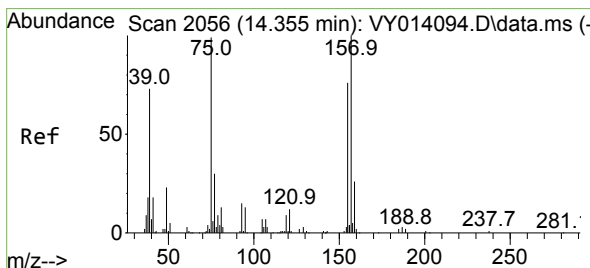
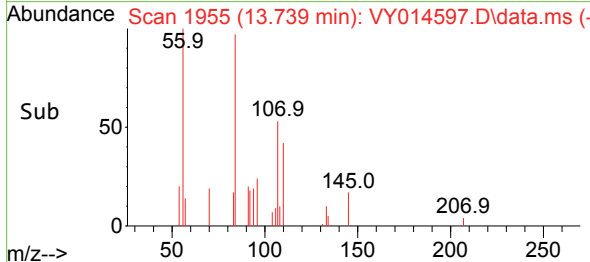
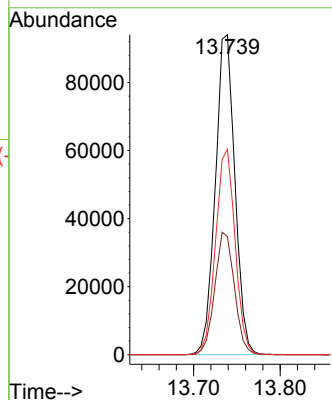
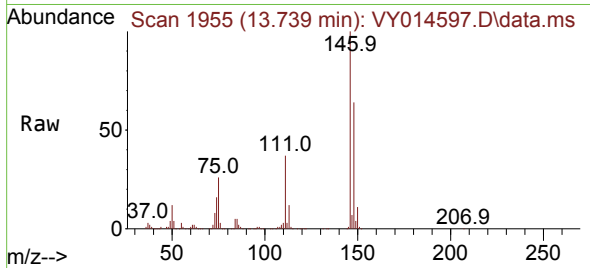




#91
 1,2-Dichlorobenzene
 Concen: 19.511 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY014597.D
 Acq: 07 Jul 2023 11:12

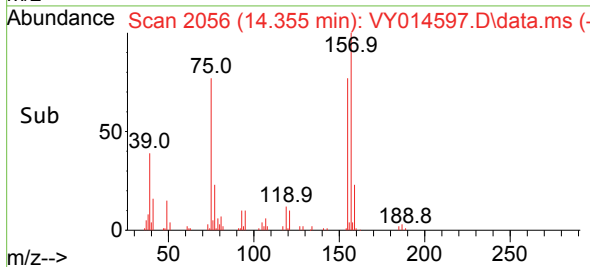
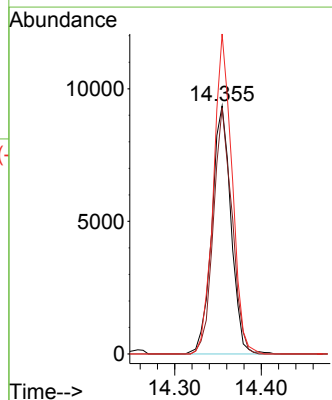
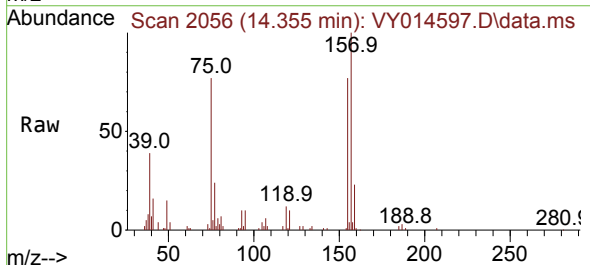
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

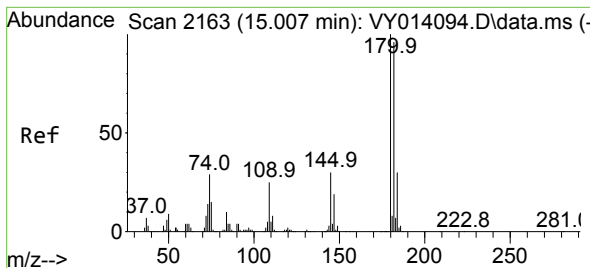
Tgt Ion:146 Resp: 147762
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.7 59.0
 148 64.2 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.511 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY014597.D
 Acq: 07 Jul 2023 11:12

Tgt Ion: 75 Resp: 14352
 Ion Ratio Lower Upper
 75 100
 155 96.1 41.5 124.6
 157 125.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.273 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014597.D

Acq: 07 Jul 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

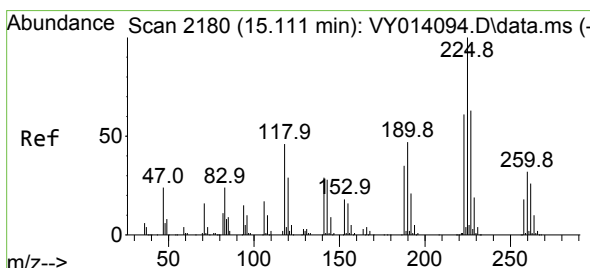
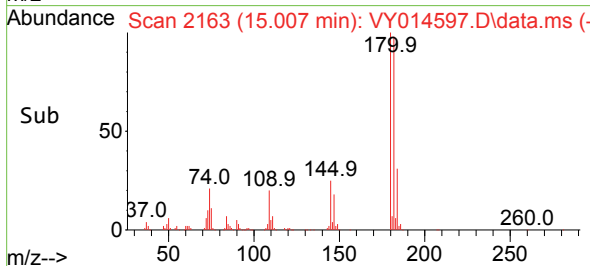
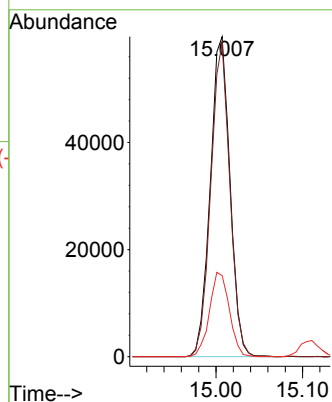
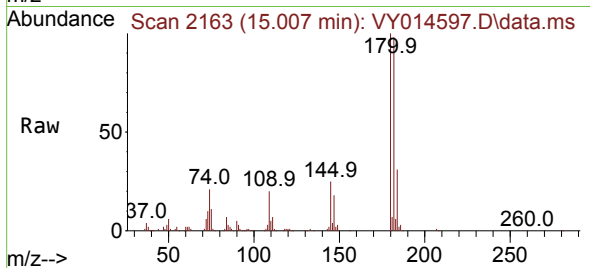
Tgt Ion:180 Resp: 94275

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.2

145 26.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.259 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014597.D

Acq: 07 Jul 2023 11:12

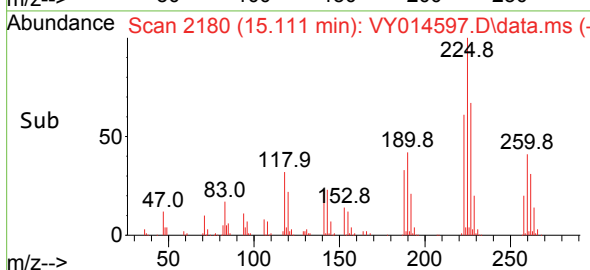
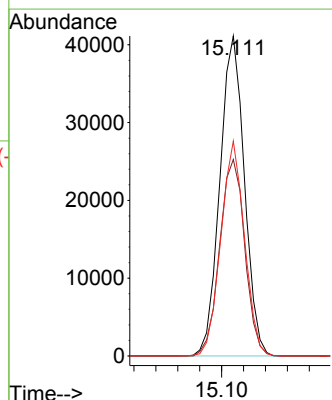
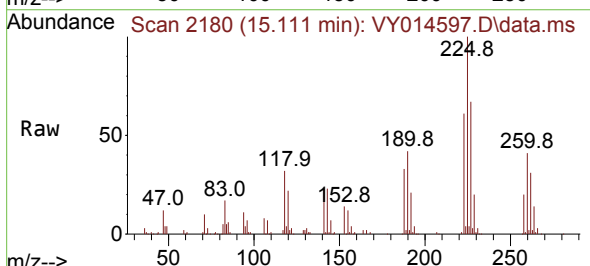
Tgt Ion:225 Resp: 63913

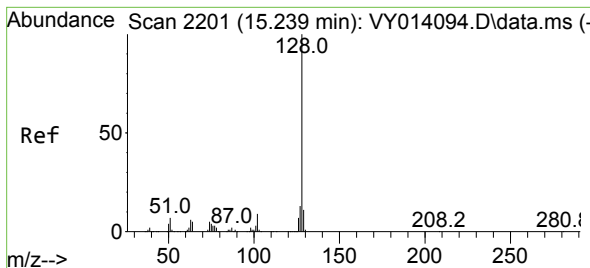
Ion Ratio Lower Upper

225 100

223 62.8 31.9 95.9

227 64.7 33.0 98.9





#95

Naphthalene

Concen: 18.128 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY014597.D

Acq: 07 Jul 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

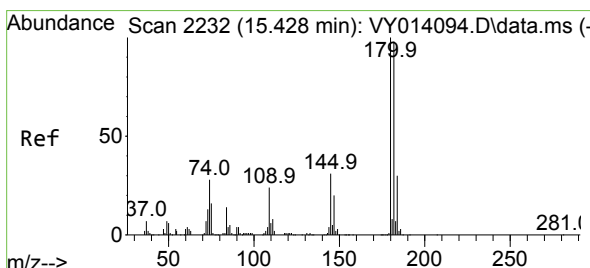
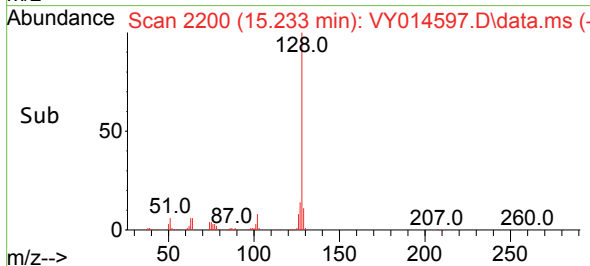
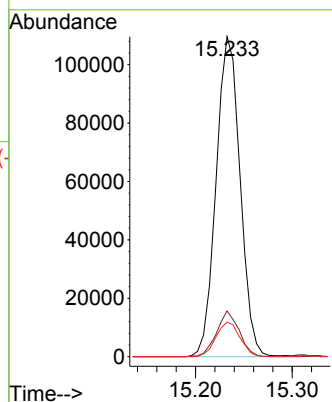
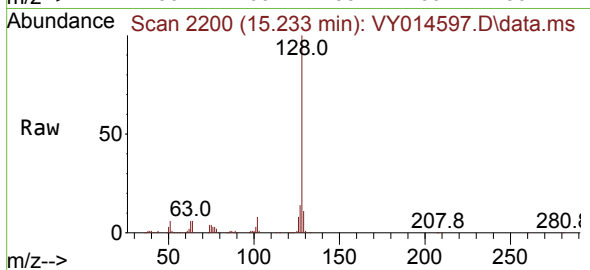
Tgt Ion:128 Resp: 188658

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.614 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014597.D

Acq: 07 Jul 2023 11:12

Tgt Ion:180 Resp: 87418

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.8

145 28.1 15.4 46.2

