

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
 Data File : VY014640.D
 Acq On : 14 Jul 2023 12:18
 Operator : SY/MD
 Sample : VY0714SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

Quant Time: Jul 14 23:05:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	302680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	499401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	449551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	224447	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	174748	50.664	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.320%	
35) Dibromofluoromethane	7.716	113	158285	49.790	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.580%	
50) Toluene-d8	10.173	98	572493	48.845	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.700%	
62) 4-Bromofluorobenzene	12.477	95	221090	49.196	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.400%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	57451	23.297	ug/l	97
3) Chloromethane	2.107	50	64068	23.113	ug/l	98
4) Vinyl Chloride	2.241	62	71098	22.950	ug/l	97
5) Bromomethane	2.619	94	43848	21.417	ug/l	97
6) Chloroethane	2.778	64	43550	22.505	ug/l	98
7) Trichlorofluoromethane	3.107	101	111334	21.398	ug/l	100
8) Diethyl Ether	3.522	74	41900	21.644	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	65845	20.647	ug/l	94
10) Methyl Iodide	4.076	142	59963	19.266	ug/l	97
11) Tert butyl alcohol	4.954	59	98718	128.164	ug/l #	87
12) 1,1-Dichloroethene	3.863	96	62071	20.825	ug/l	94
13) Acrolein	3.723	56	42187	117.022	ug/l	96
14) Allyl chloride	4.466	41	106854	20.191	ug/l	95
15) Acrylonitrile	5.155	53	132930	124.521	ug/l	98
16) Acetone	3.942	43	130035	118.971	ug/l	93
17) Carbon Disulfide	4.186	76	180218	21.119	ug/l	99
18) Methyl Acetate	4.473	43	105238	25.090	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	211543	21.849	ug/l	98
20) Methylene Chloride	4.710	84	76480	18.914	ug/l	92
21) trans-1,2-Dichloroethene	5.210	96	70684	20.897	ug/l	96
22) Diisopropyl ether	6.113	45	221137	20.552	ug/l	94
23) Vinyl Acetate	6.052	43	700164	108.740	ug/l	96
24) 1,1-Dichloroethane	6.009	63	125277	20.349	ug/l	98
25) 2-Butanone	6.984	43	203456	127.236	ug/l	97
26) 2,2-Dichloropropane	6.972	77	114585	19.529	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	81609	20.727	ug/l	95
28) Bromochloromethane	7.326	49	56563	21.333	ug/l	94
29) Tetrahydrofuran	7.344	42	127886	129.884	ug/l	92
30) Chloroform	7.503	83	130631	20.576	ug/l	97
31) Cyclohexane	7.777	56	115139	20.109	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	116747	20.432	ug/l	99
36) 1,1-Dichloropropene	7.911	75	97667	20.543	ug/l	99
37) Ethyl Acetate	7.070	43	80244	24.515	ug/l #	94
38) Carbon Tetrachloride	7.893	117	103602	20.615	ug/l	98
39) Methylcyclohexane	9.179	83	125659	20.288	ug/l	94
40) Benzene	8.155	78	280283	20.729	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	115212	68.431	ug/l #	29
42) 1,2-Dichloroethane	8.234	62	91438	21.355	ug/l	93
43) Isopropyl Acetate	8.271	43	146198	23.447	ug/l	97
44) Trichloroethene	8.935	130	78948	20.869	ug/l	98
45) 1,2-Dichloropropane	9.210	63	72497	20.533	ug/l	97
46) Dibromomethane	9.301	93	46692	21.799	ug/l	95
47) Bromodichloromethane	9.490	83	105036	20.807	ug/l	98
48) Methyl methacrylate	9.289	41	66617	23.744	ug/l	93
49) 1,4-Dioxane	9.295	88	19193	549.542	ug/l #	52
51) 4-Methyl-2-Pentanone	10.063	43	411895	125.816	ug/l	93
52) Toluene	10.240	92	178221	20.598	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	115768	20.965	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	125067	20.827	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	64946	21.768	ug/l	95
56) Ethyl methacrylate	10.508	69	103936	22.816	ug/l	91
57) 1,3-Dichloropropane	10.789	76	110694	21.510	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.777	63	253005	119.197	ug/l	95
59) 2-Hexanone	10.825	43	309593	129.677	ug/l	92
60) Dibromochloromethane	10.984	129	77801	21.268	ug/l	100
61) 1,2-Dibromoethane	11.081	107	66578	22.369	ug/l	100
64) Tetrachloroethene	10.715	164	77516	21.439	ug/l	98
65) Chlorobenzene	11.514	112	194461	20.299	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	74954	20.751	ug/l	100
67) Ethyl Benzene	11.587	91	346994	20.062	ug/l	99
68) m/p-Xylenes	11.697	106	266658	40.388	ug/l	98
69) o-Xylene	12.026	106	129579	20.150	ug/l	100
70) Styrene	12.038	104	222452	20.524	ug/l	98
71) Bromoform	12.203	173	54495	22.258	ug/l #	98
73) Isopropylbenzene	12.325	105	343704	19.557	ug/l	100
74) N-amyl acetate	12.142	43	128827	21.887	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	87588	21.855	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	116762	41.190	ug/l #	100
77) Bromobenzene	12.605	156	81181	20.236	ug/l	93
78) n-propylbenzene	12.666	91	415379	19.614	ug/l	100
79) 2-Chlorotoluene	12.752	91	237110	19.439	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	289191	19.704	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	32236	22.018	ug/l	94
82) 4-Chlorotoluene	12.849	91	247000	19.662	ug/l	99
83) tert-Butylbenzene	13.075	119	254250	19.528	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	281707	19.558	ug/l	98
85) sec-Butylbenzene	13.251	105	374371	19.602	ug/l	100
86) p-Isopropyltoluene	13.367	119	312103	20.015	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	158939	20.357	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	158173	20.217	ug/l	98
89) n-Butylbenzene	13.697	91	300308	19.795	ug/l	97
90) Hexachloroethane	13.959	117	62821	19.614	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	146573	20.490	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18276	23.846	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	92643	20.402	ug/l	97
94) Hexachlorobutadiene	15.111	225	50408	20.201	ug/l	98
95) Naphthalene	15.233	128	239861	22.673	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	83672	20.733	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

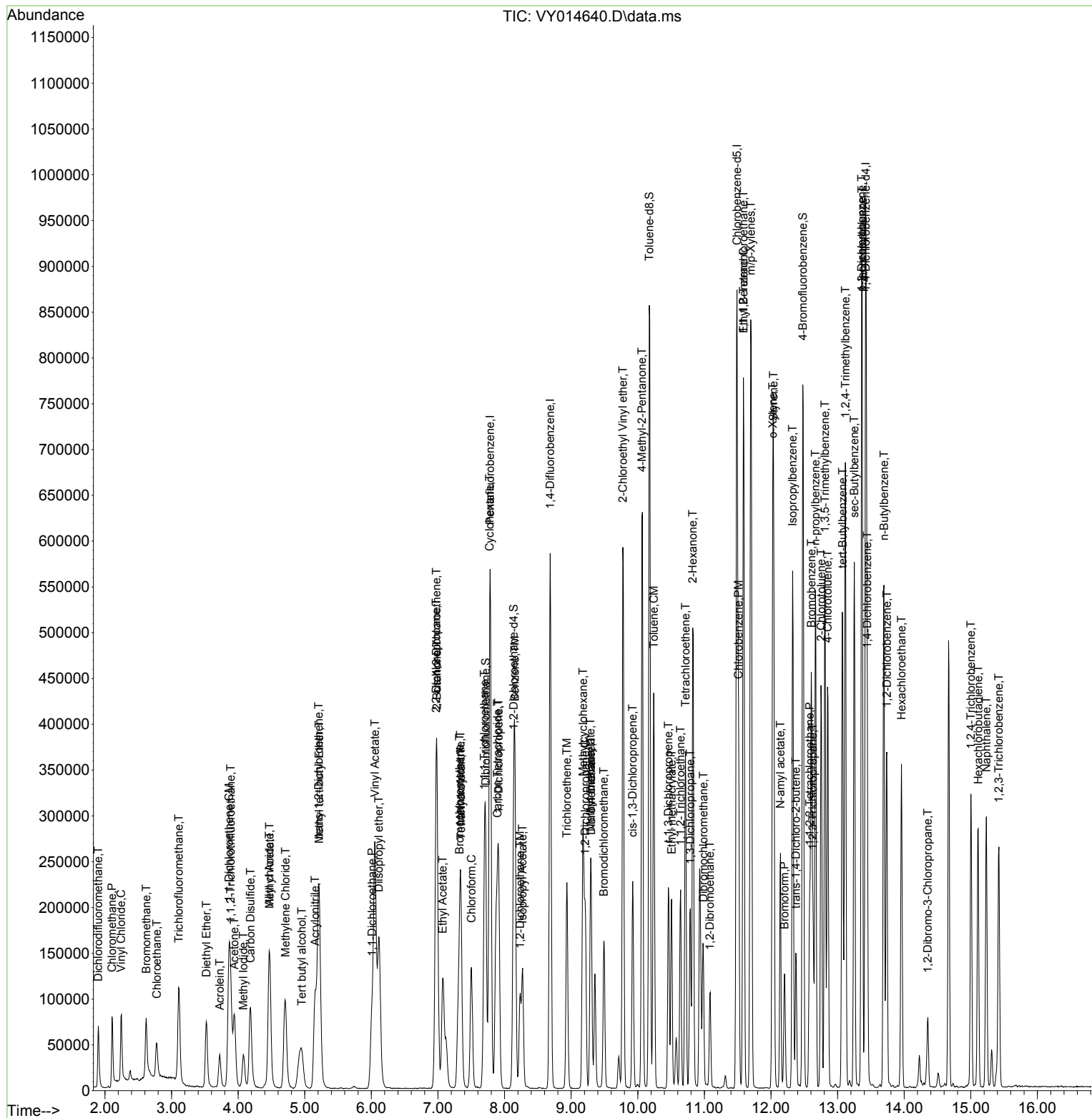
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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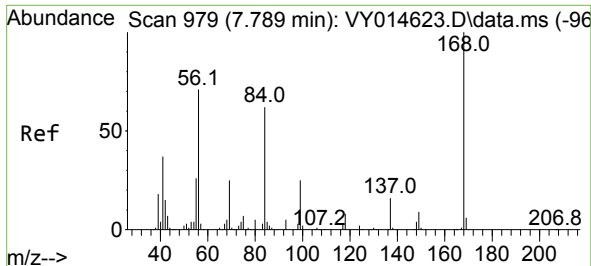
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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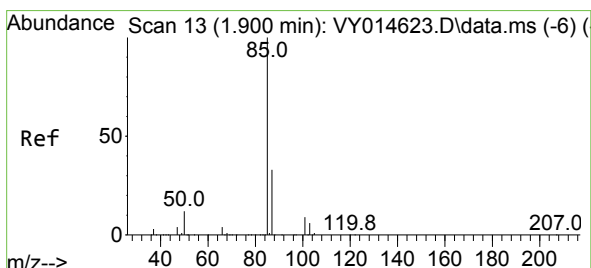
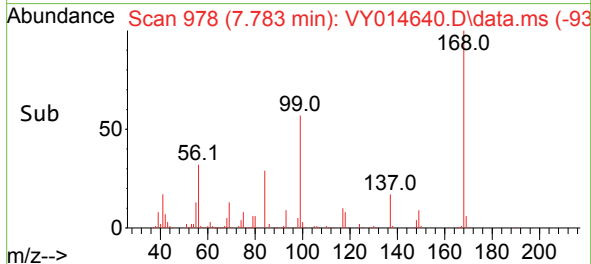
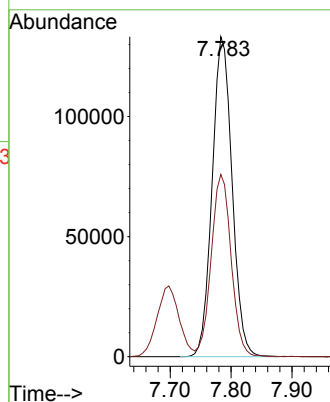
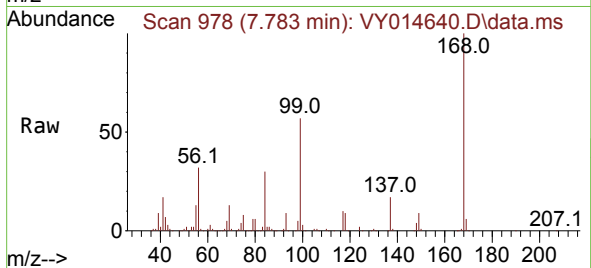




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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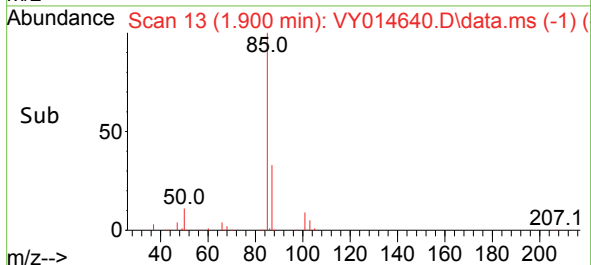
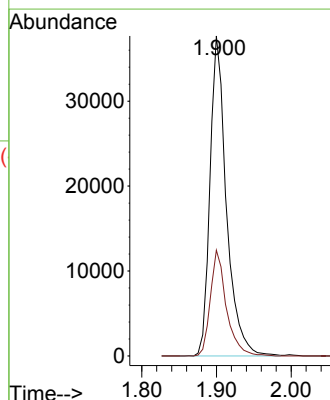
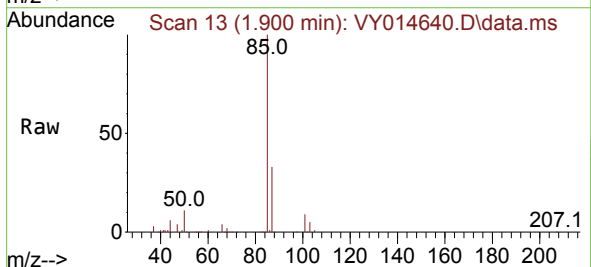
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

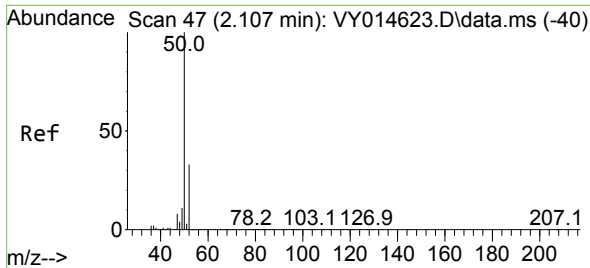
Tgt Ion:168 Resp: 302680
Ion Ratio Lower Upper
168 100
99 56.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 23.297 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

Tgt Ion: 85 Resp: 57451
Ion Ratio Lower Upper
85 100
87 33.1 15.6 46.8

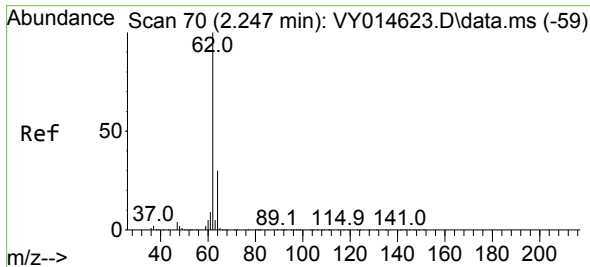
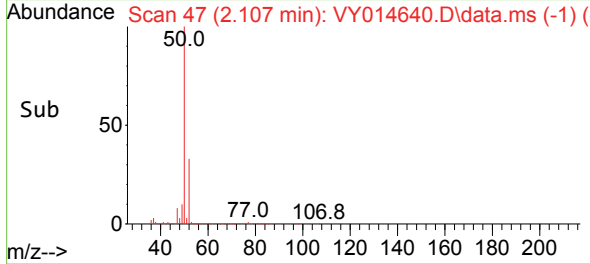
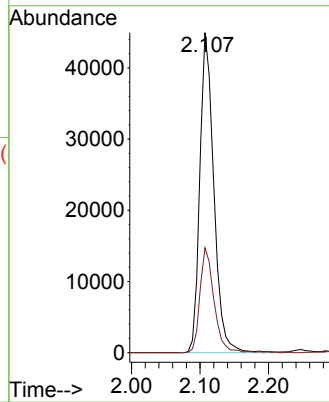
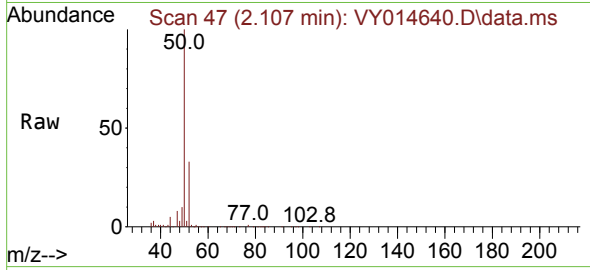




#3
Chloromethane
Concen: 23.113 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

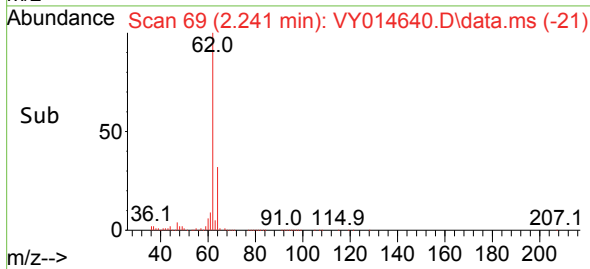
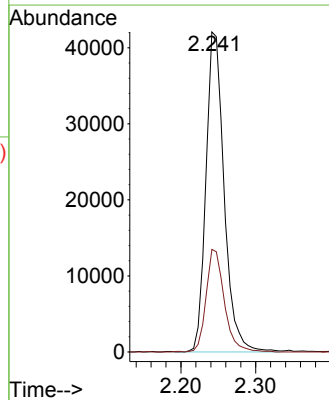
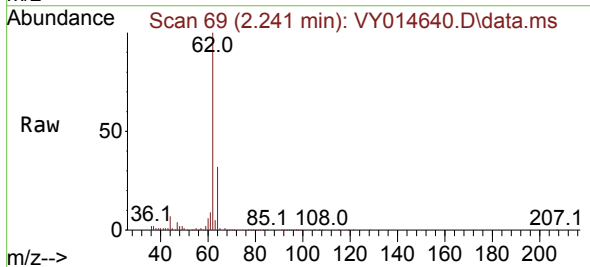
Instrument :
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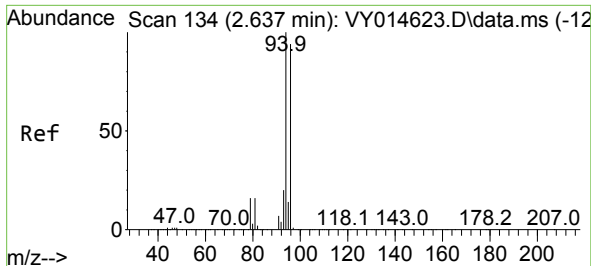
Tgt Ion: 50 Resp: 64068
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2



#4
Vinyl Chloride
Concen: 22.950 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY014640.D
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Tgt Ion: 62 Resp: 71098
Ion Ratio Lower Upper
62 100
64 32.0 24.3 36.5

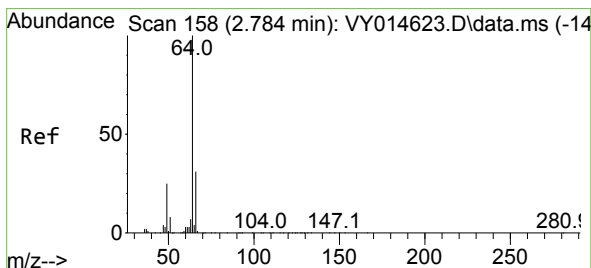
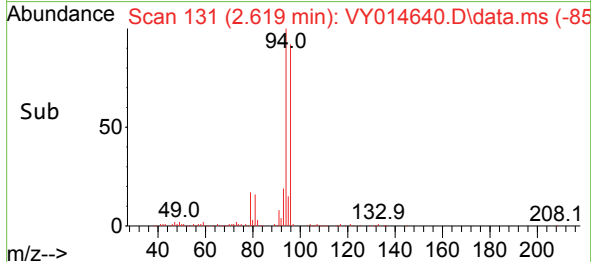
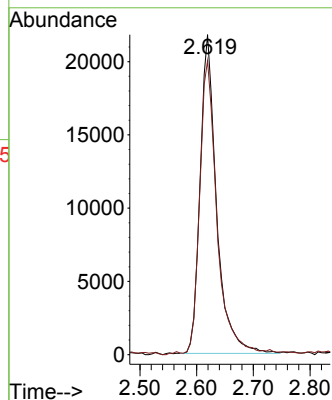
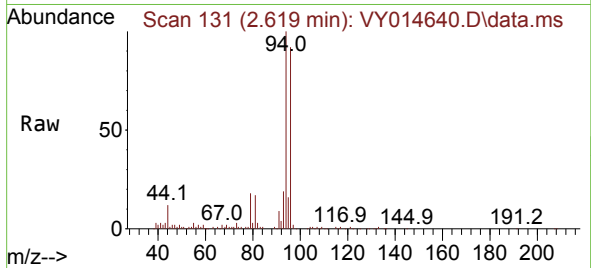




#5
Bromomethane
Concen: 21.417 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014640.D
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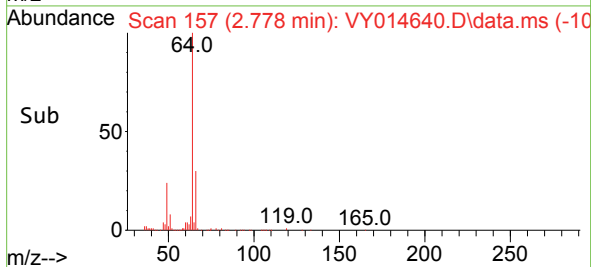
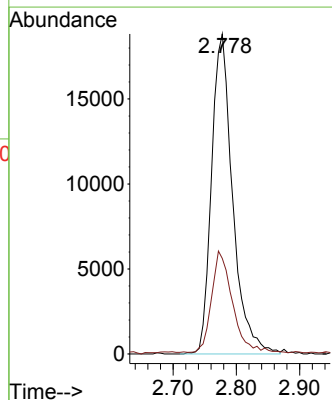
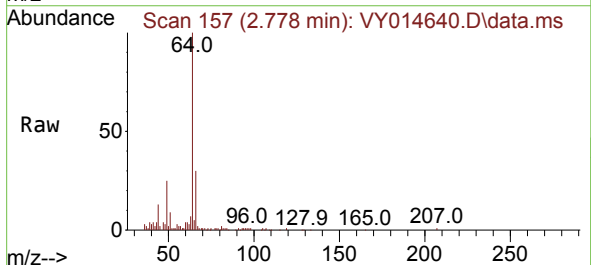
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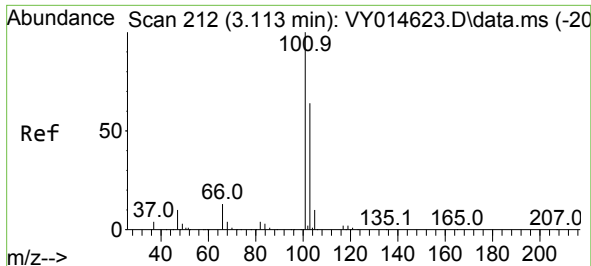
Tgt Ion: 94 Resp: 43848
Ion Ratio Lower Upper
94 100
96 91.7 75.8 113.6



#6
Chloroethane
Concen: 22.505 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

Tgt Ion: 64 Resp: 43550
Ion Ratio Lower Upper
64 100
66 29.4 24.4 36.6

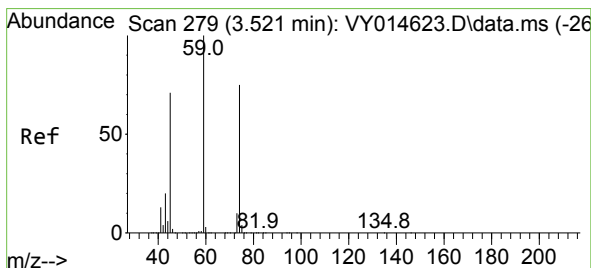
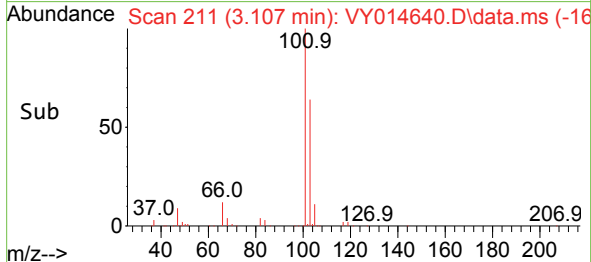
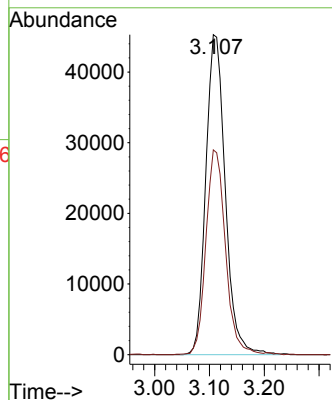
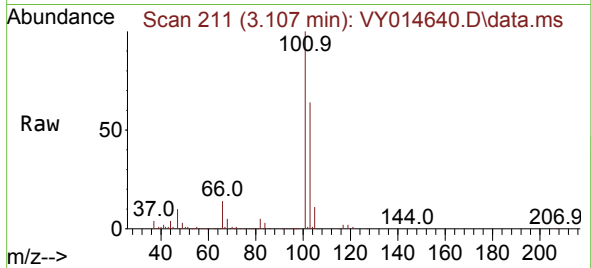




#7
 Trichlorofluoromethane
 Concen: 21.398 ug/l
 RT: 3.107 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VY014640.D
 Acq: 14 Jul 2023 12:18

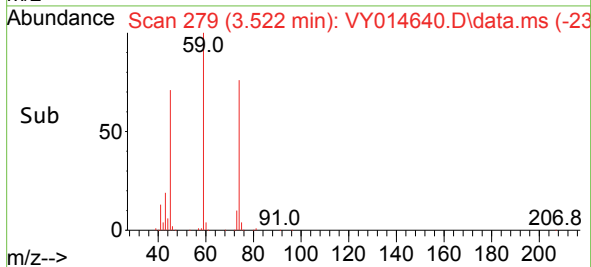
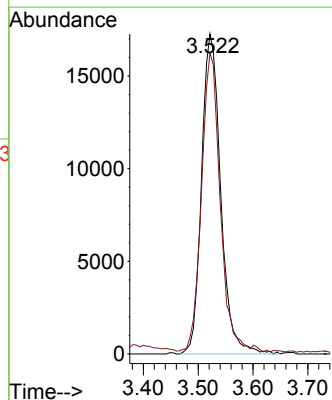
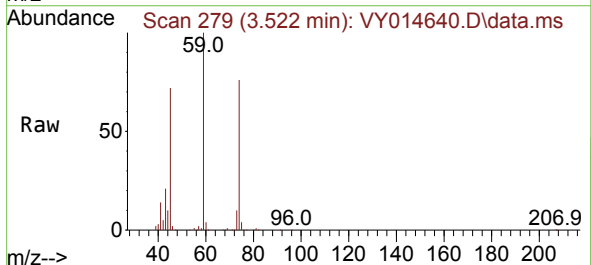
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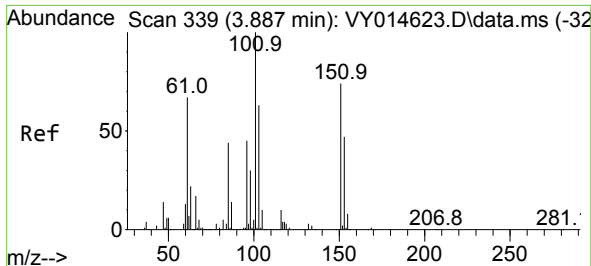
Tgt Ion:101 Resp: 111334
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.4 77.0



#8
 Diethyl Ether
 Concen: 21.644 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. 0.001 min
 Lab File: VY014640.D
 Acq: 14 Jul 2023 12:18

Tgt Ion: 74 Resp: 41900
 Ion Ratio Lower Upper
 74 100
 45 89.7 51.5 154.5

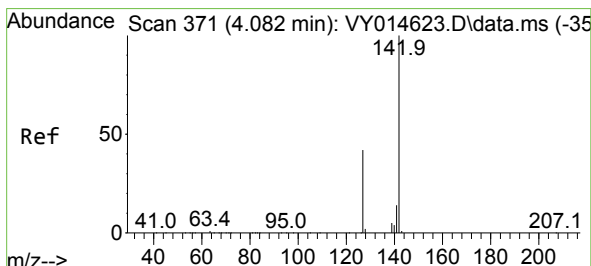
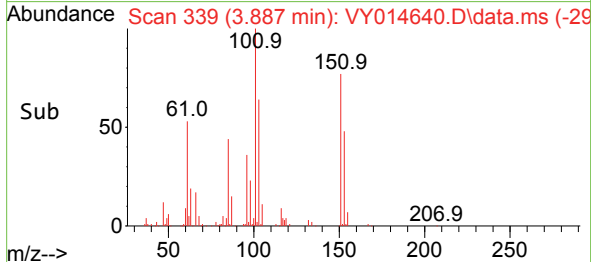
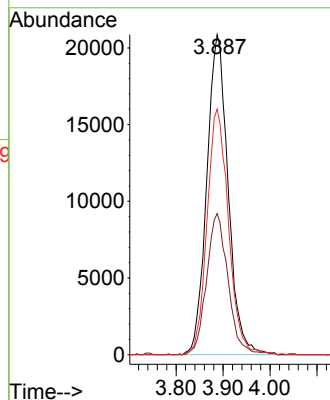
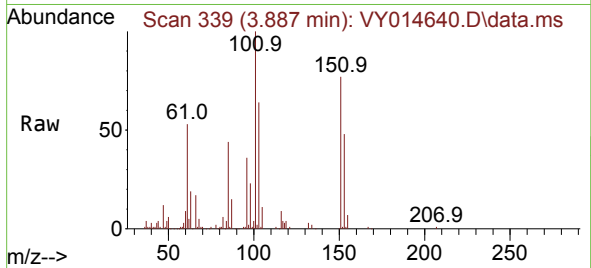




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.647 ug/l
RT: 3.887 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

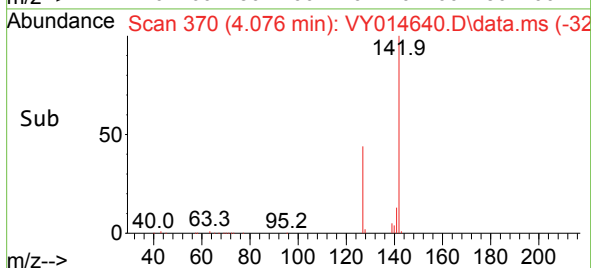
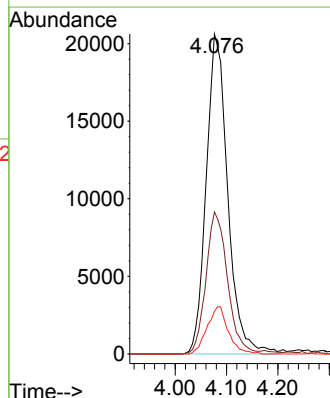
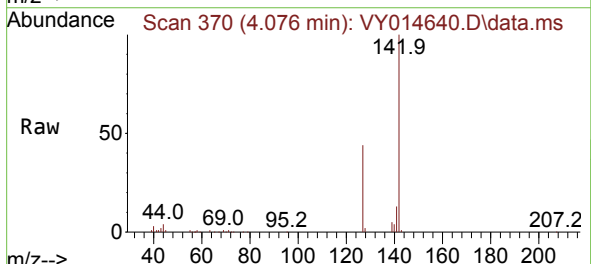
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

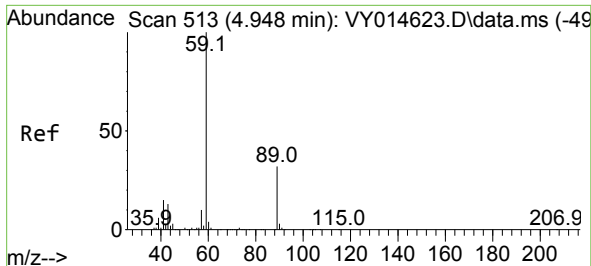
Tgt Ion:101 Resp: 65845
Ion Ratio Lower Upper
101 100
85 44.4 36.6 55.0
151 77.1 67.0 100.6



#10
Methyl Iodide
Concen: 19.266 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

Tgt Ion:142 Resp: 59963
Ion Ratio Lower Upper
142 100
127 44.3 37.6 56.4
141 14.5 11.8 17.8





#11

Tert butyl alcohol

Concen: 128.164 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

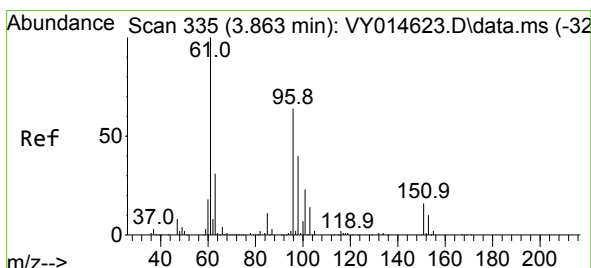
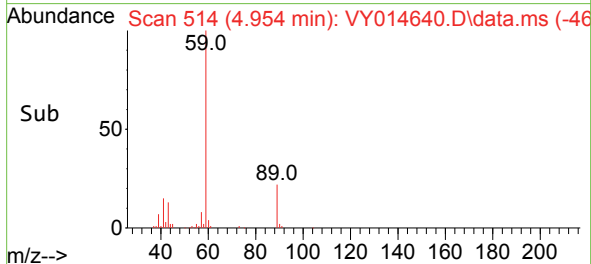
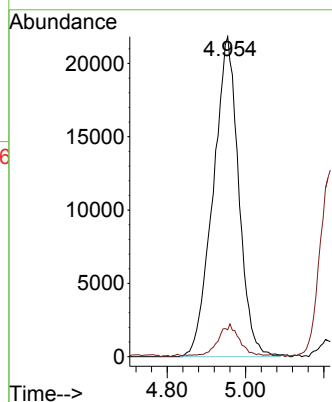
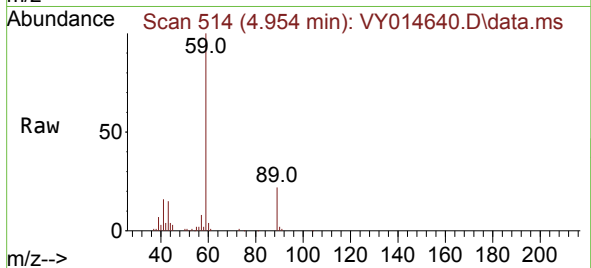
VY0714SBS01

Tgt Ion: 59 Resp: 98718

Ion Ratio Lower Upper

59 100

57 8.1 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 20.825 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

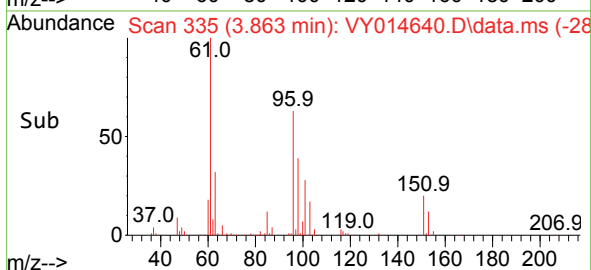
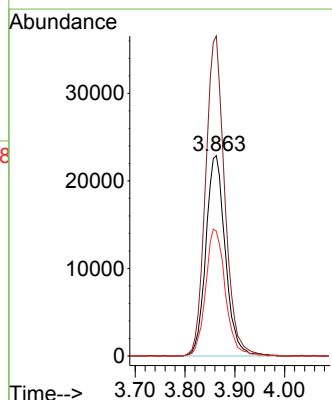
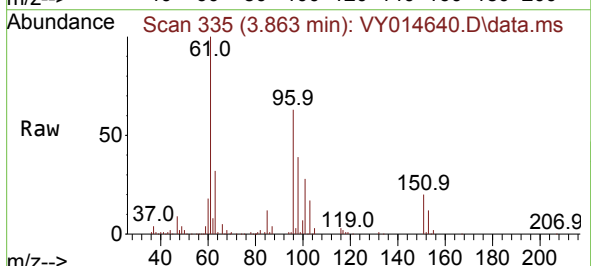
Tgt Ion: 96 Resp: 62071

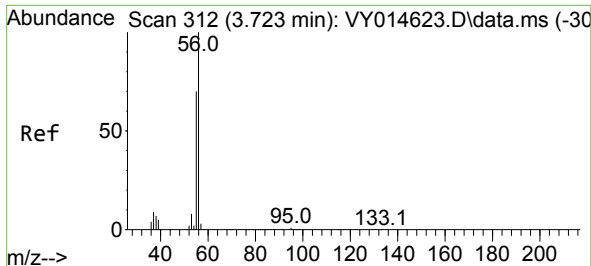
Ion Ratio Lower Upper

96 100

61 159.7 136.4 204.6

98 62.2 49.4 74.2

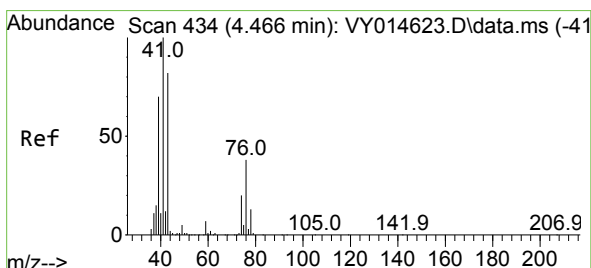
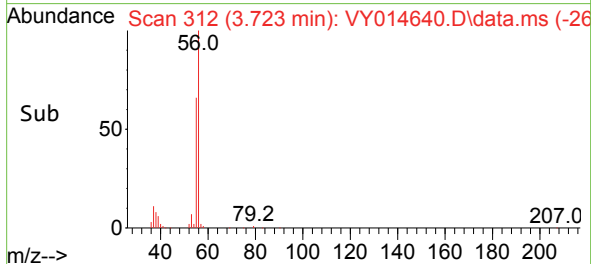
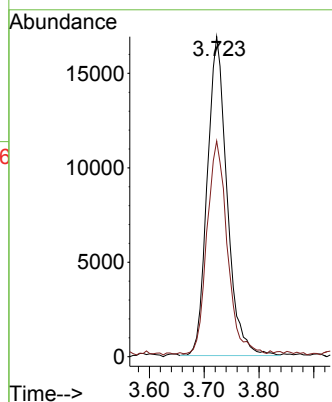
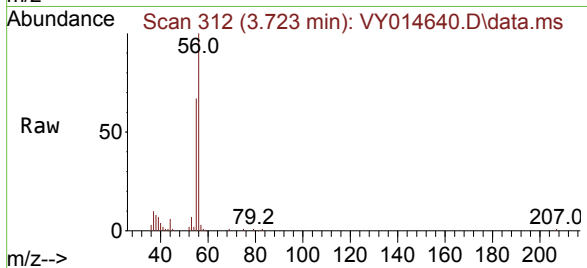




#13
Acrolein
Concen: 117.022 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

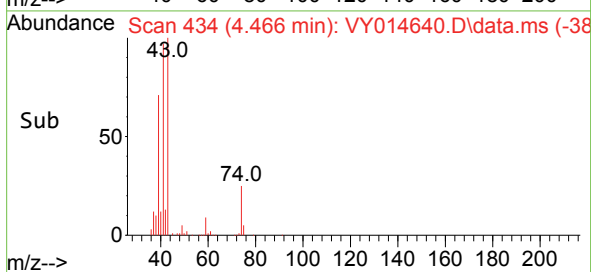
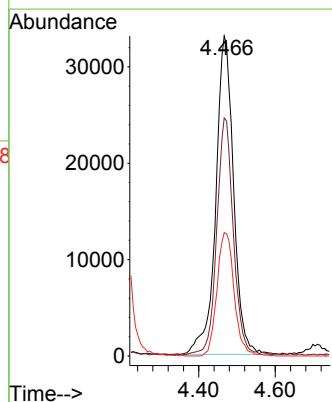
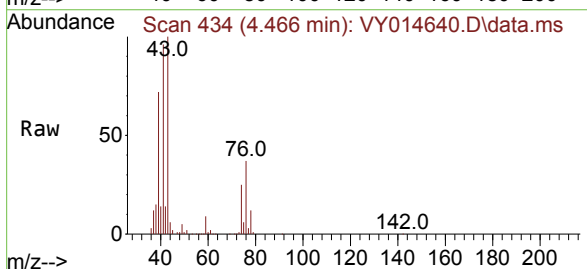
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

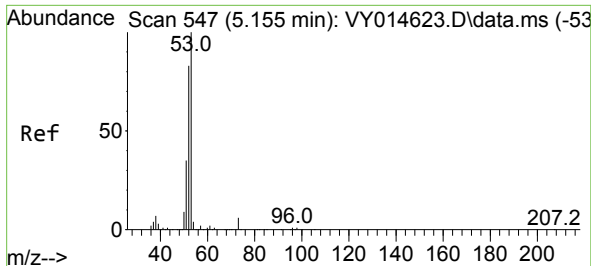
Tgt Ion: 56 Resp: 42187
Ion Ratio Lower Upper
56 100
55 68.0 57.0 85.4



#14
Allyl chloride
Concen: 20.191 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

Tgt Ion: 41 Resp: 106854
Ion Ratio Lower Upper
41 100
39 68.8 58.0 87.0
76 37.4 27.4 41.2

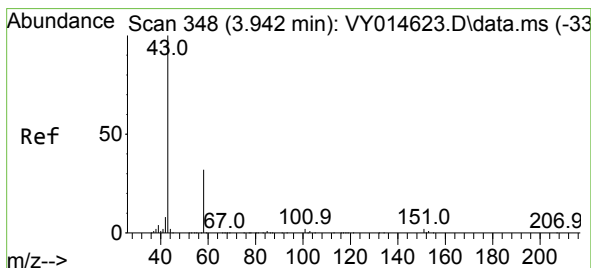
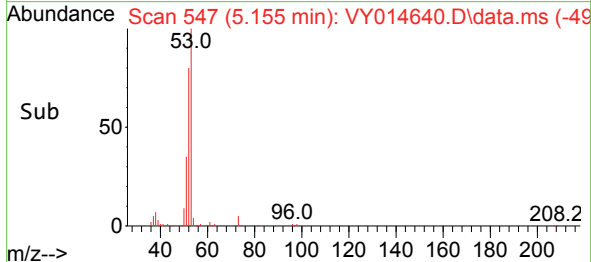
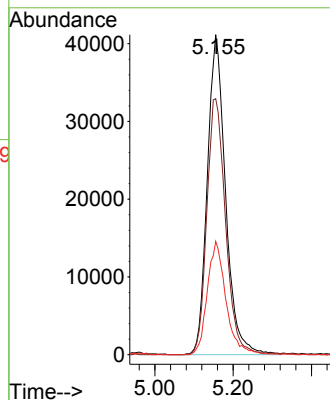
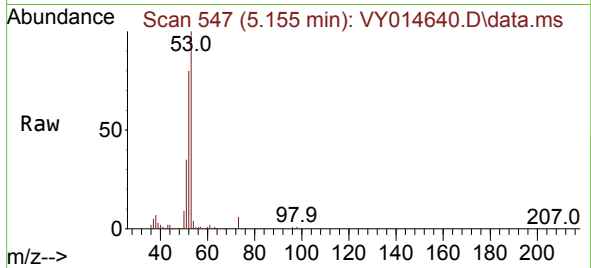




#15
Acrylonitrile
Concen: 124.521 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

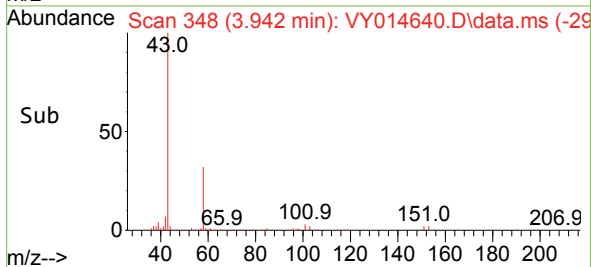
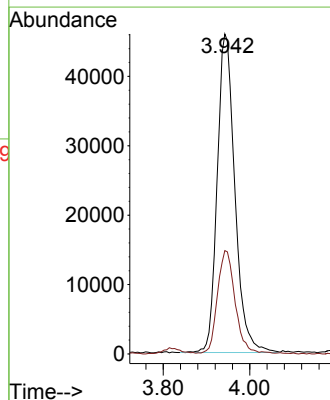
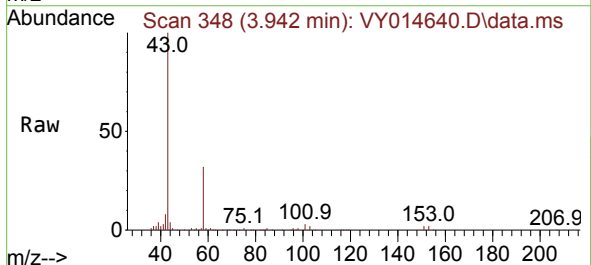
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

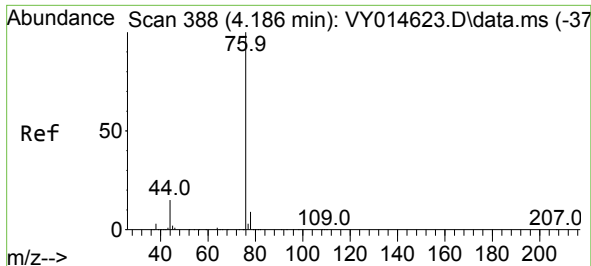
Tgt Ion: 53 Resp: 132930
Ion Ratio Lower Upper
53 100
52 82.2 66.9 100.3
51 36.3 29.8 44.6



#16
Acetone
Concen: 118.971 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

Tgt Ion: 43 Resp: 130035
Ion Ratio Lower Upper
43 100
58 32.0 22.7 34.1

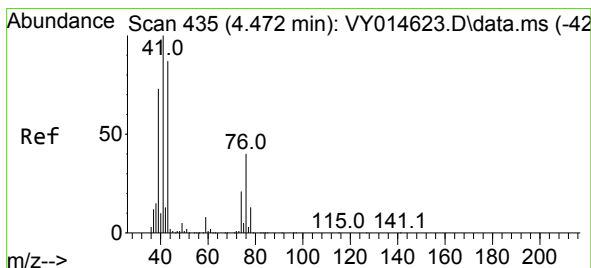
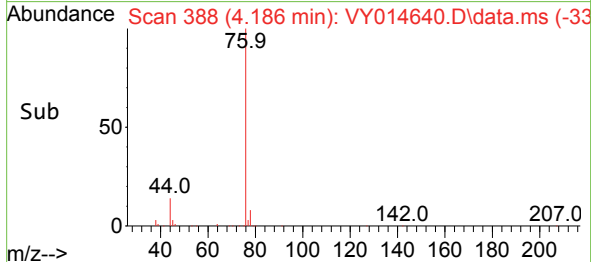
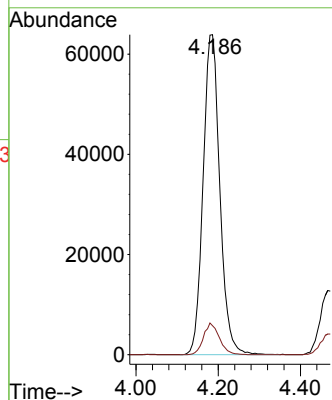
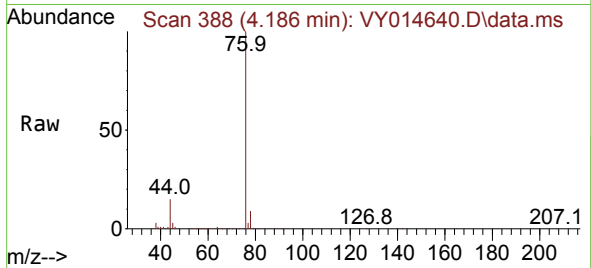




#17
Carbon Disulfide
Concen: 21.119 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

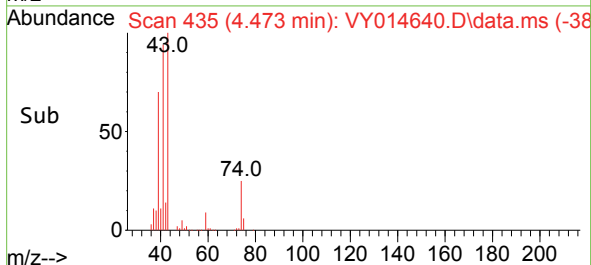
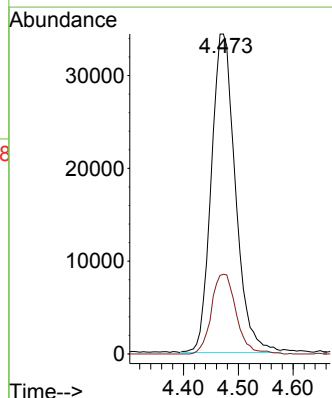
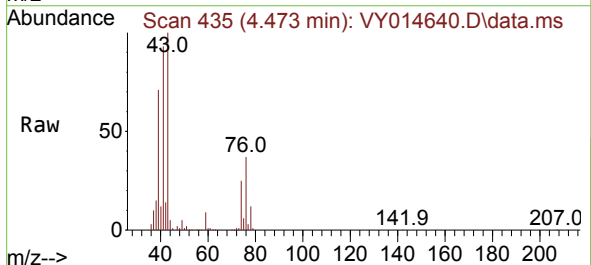
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

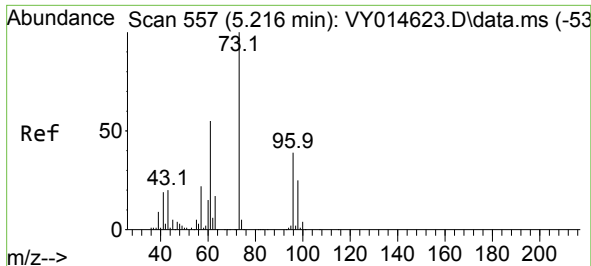
Tgt Ion: 76 Resp: 180218
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 25.090 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.001 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

Tgt Ion: 43 Resp: 105238
Ion Ratio Lower Upper
43 100
74 25.7 17.4 26.0

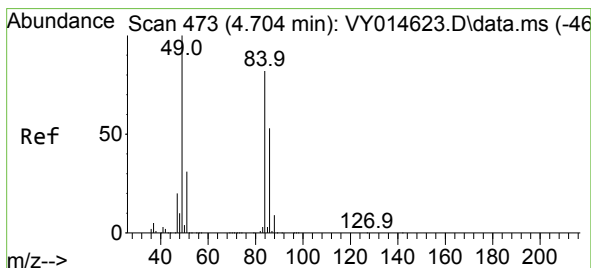
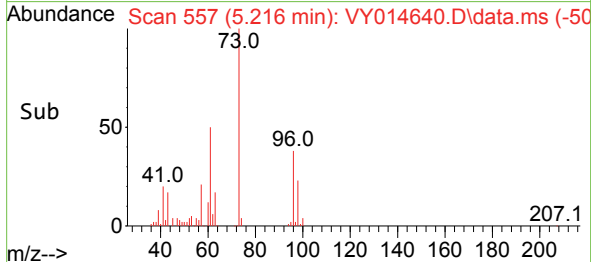
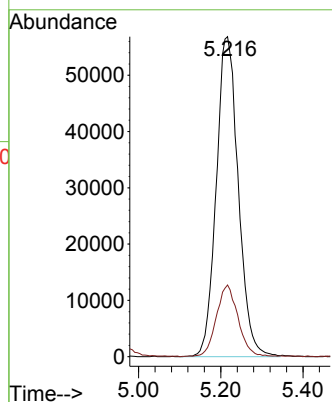
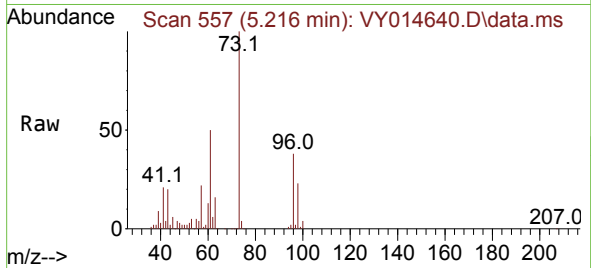




#19
Methyl tert-butyl Ether
Concen: 21.849 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

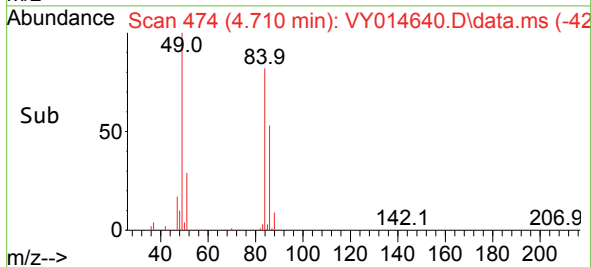
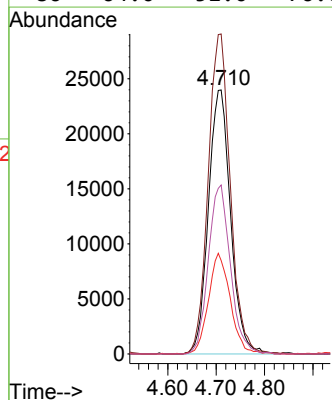
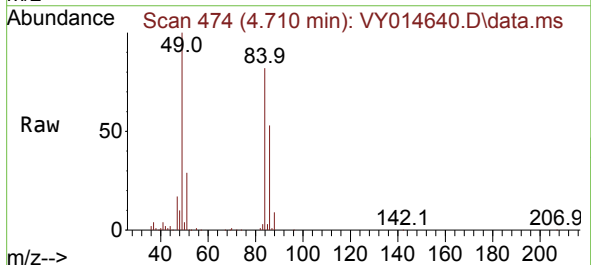
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

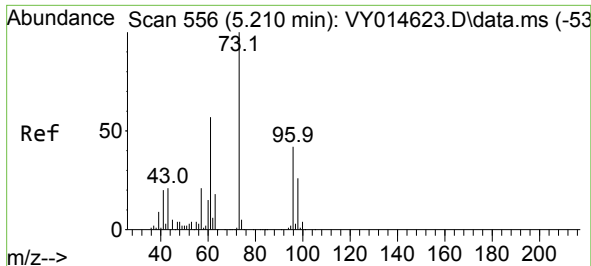
Tgt Ion: 73 Resp: 211543
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9



#20
Methylene Chloride
Concen: 18.914 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

Tgt Ion: 84 Resp: 76480
Ion Ratio Lower Upper
84 100
49 121.2 106.9 160.3
51 35.4 33.2 49.8
86 64.0 51.0 76.6

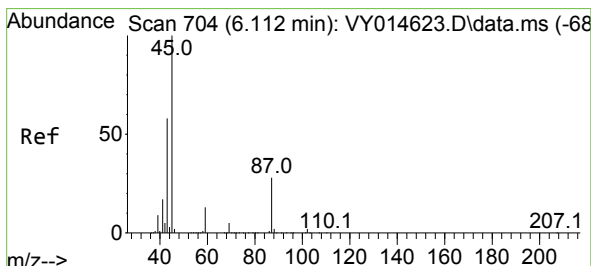
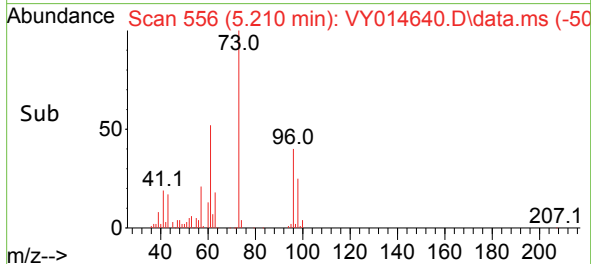
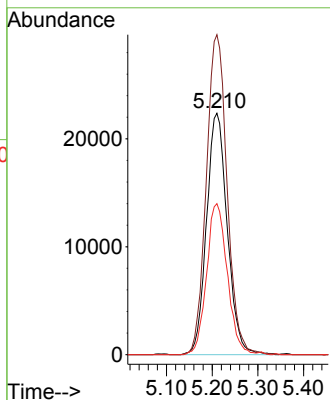
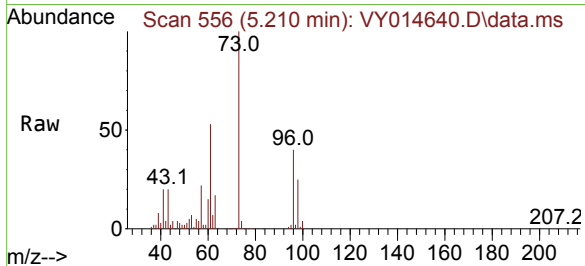




#21
trans-1,2-Dichloroethene
Concen: 20.897 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

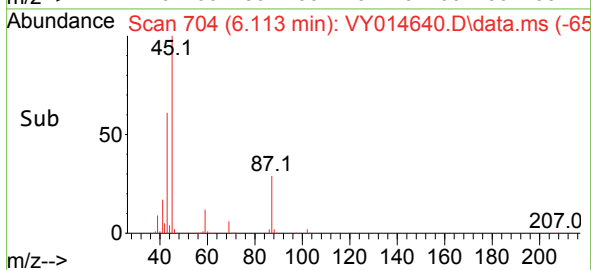
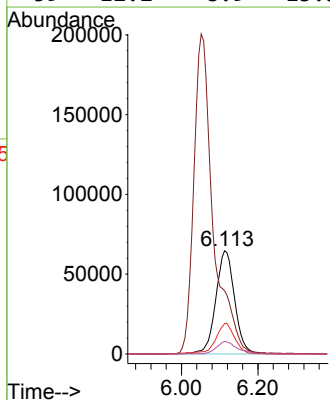
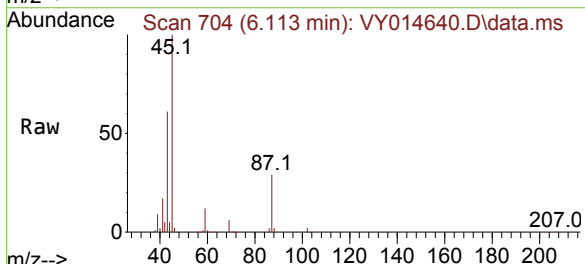
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

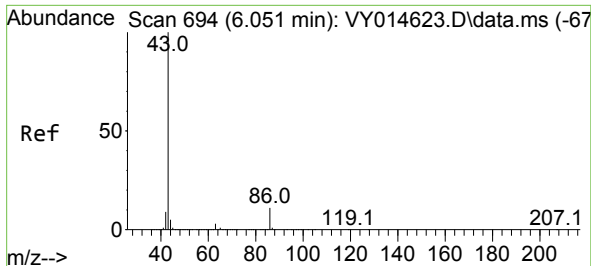
Tgt Ion: 96 Resp: 70684
Ion Ratio Lower Upper
96 100
61 132.5 110.2 165.4
98 62.6 51.8 77.6



#22
Diisopropyl ether
Concen: 20.552 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.001 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

Tgt Ion: 45 Resp: 221137
Ion Ratio Lower Upper
45 100
43 60.5 52.2 78.4
87 29.2 21.0 31.6
59 12.2 8.9 13.3

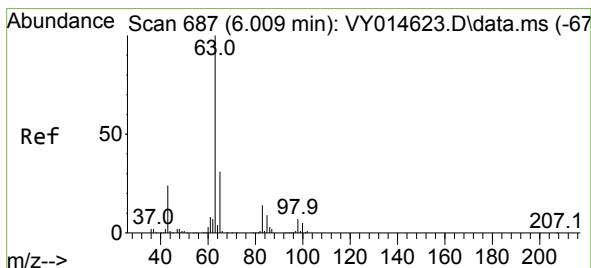
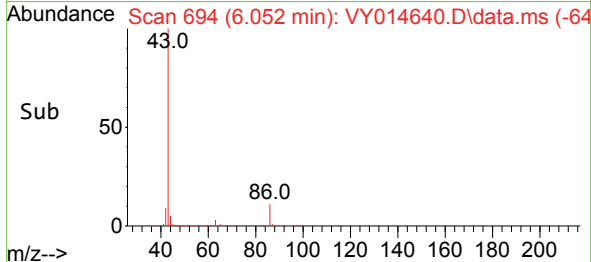
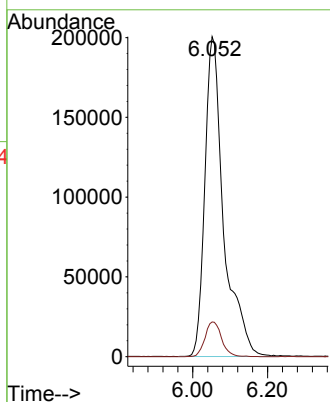
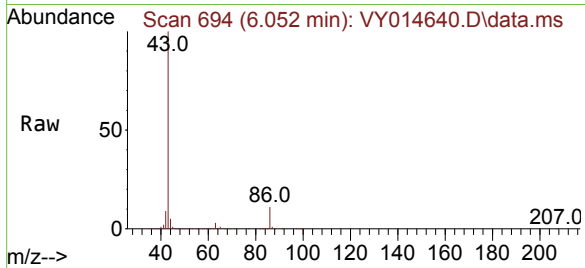




#23
 Vinyl Acetate
 Concen: 108.740 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.001 min
 Lab File: VY014640.D
 Acq: 14 Jul 2023 12:18

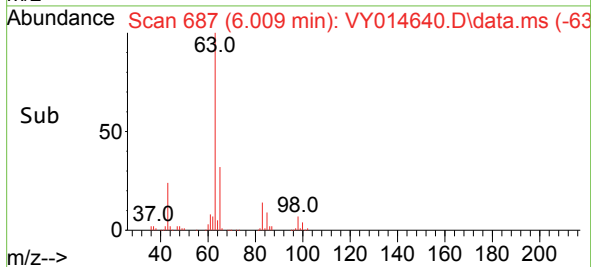
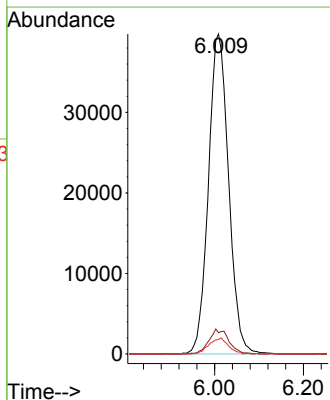
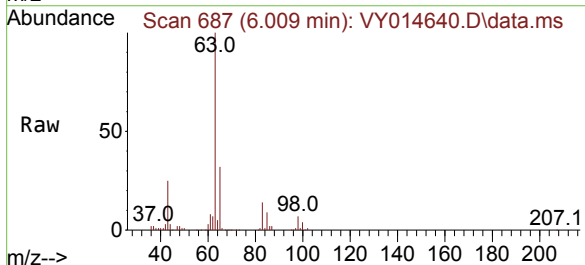
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

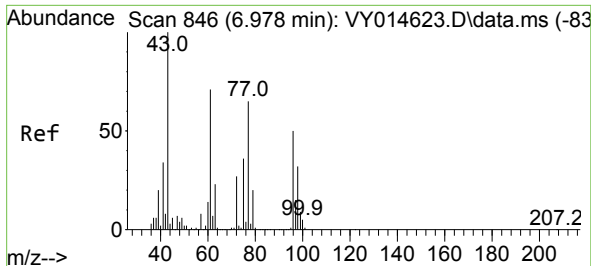
Tgt Ion: 43 Resp: 700164
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 20.349 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014640.D
 Acq: 14 Jul 2023 12:18

Tgt Ion: 63 Resp: 125277
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.4
 100 4.5 1.8 5.5

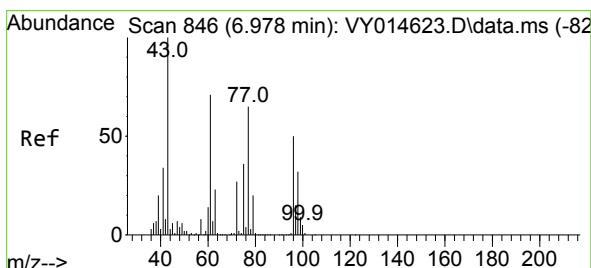
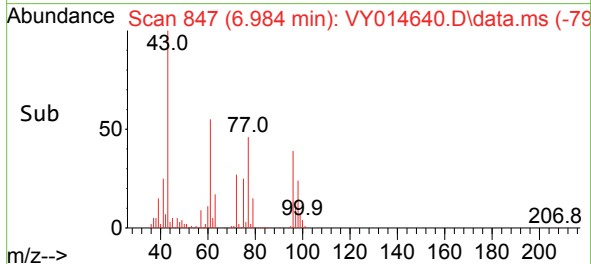
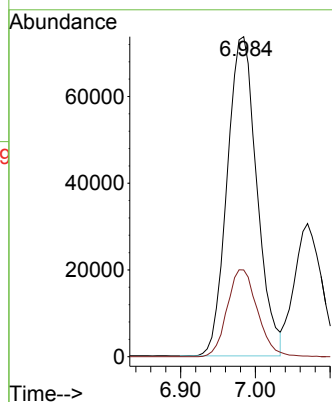
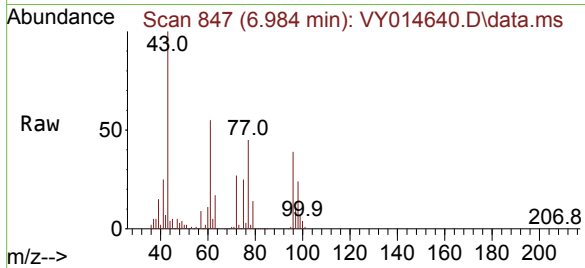




#25
2-Butanone
Concen: 127.236 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

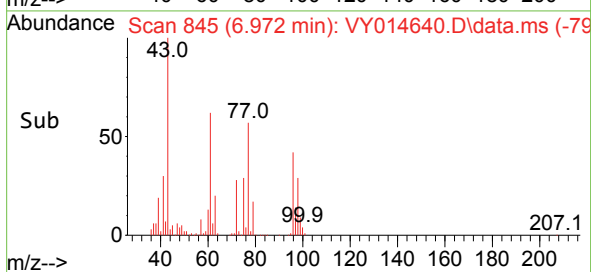
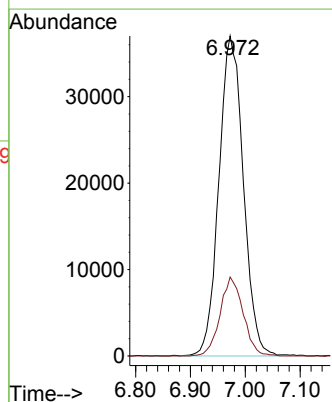
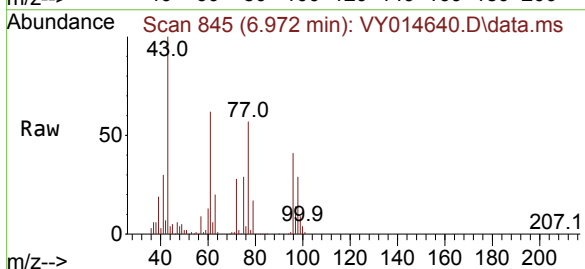
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

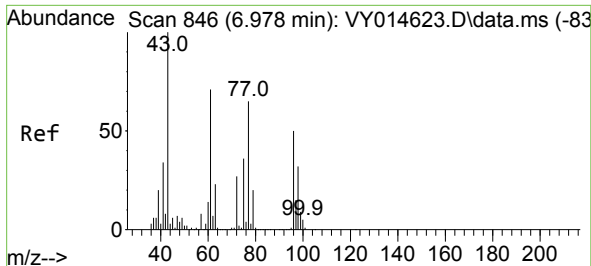
Tgt Ion: 43 Resp: 203456
Ion Ratio Lower Upper
43 100
72 27.2 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.529 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

Tgt Ion: 77 Resp: 114585
Ion Ratio Lower Upper
77 100
97 23.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.727 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

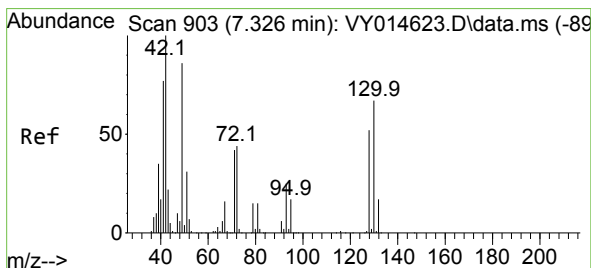
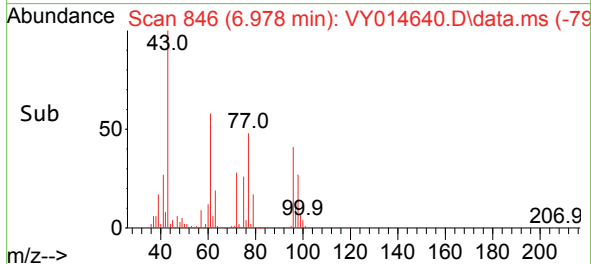
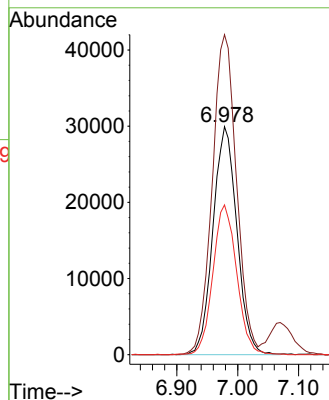
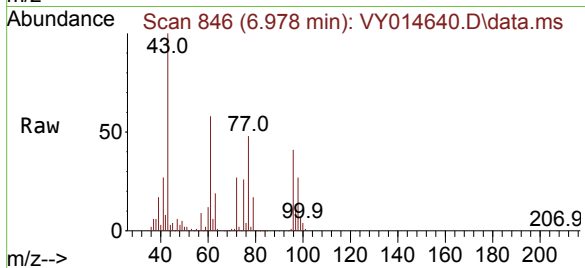
Tgt Ion: 96 Resp: 81609

Ion Ratio Lower Upper

96 100

61 142.5 0.0 301.4

98 65.5 0.0 130.4



#28

Bromochloromethane

Concen: 21.333 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

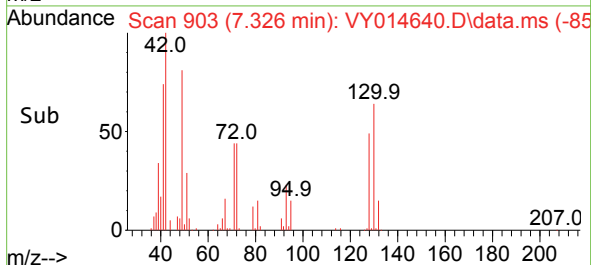
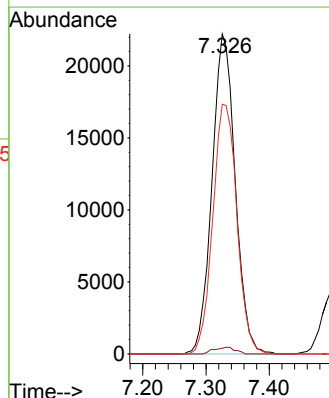
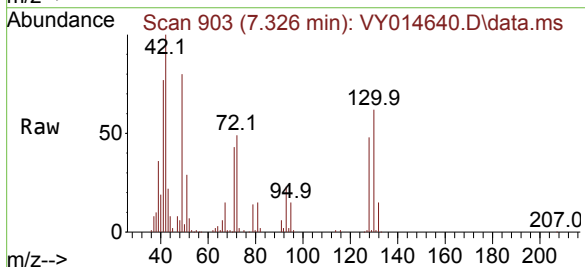
Tgt Ion: 49 Resp: 56563

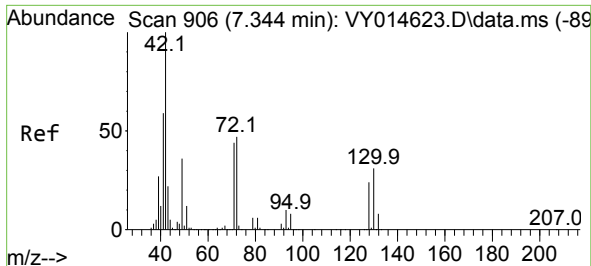
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 81.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 129.884 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

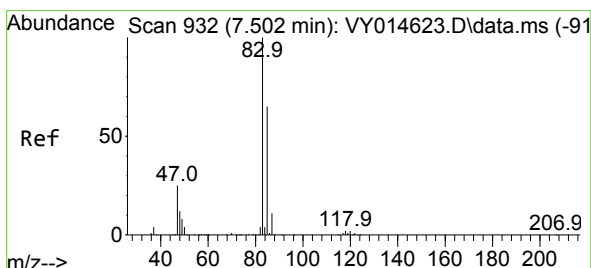
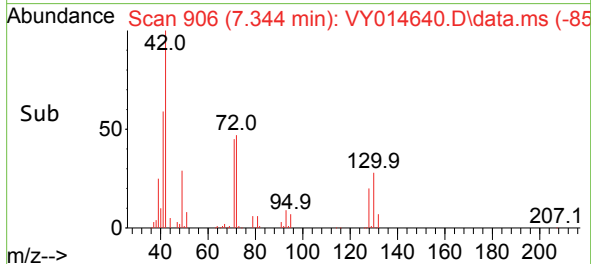
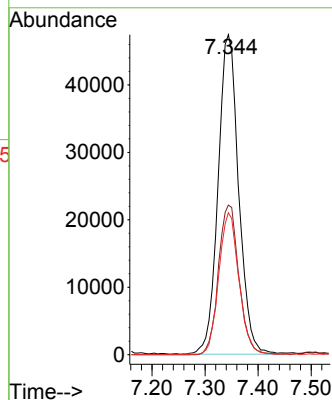
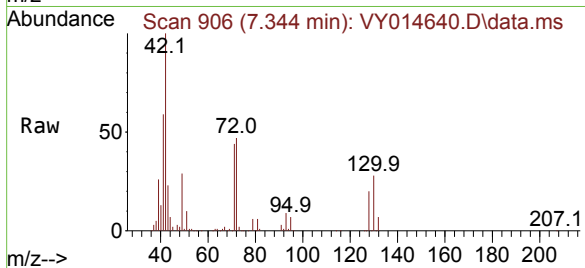
Tgt Ion: 42 Resp: 127886

Ion Ratio Lower Upper

42 100

72 46.6 32.8 49.2

71 43.4 31.0 46.4



#30

Chloroform

Concen: 20.576 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.001 min

Lab File: VY014640.D

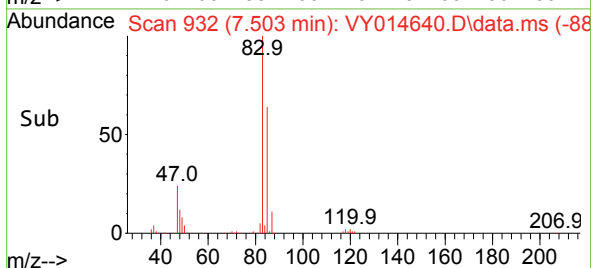
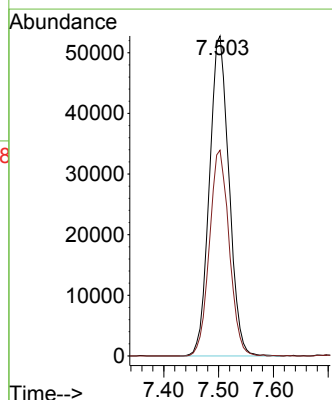
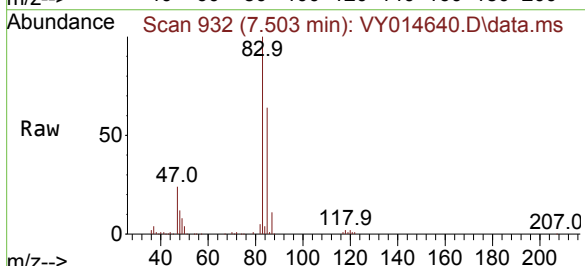
Acq: 14 Jul 2023 12:18

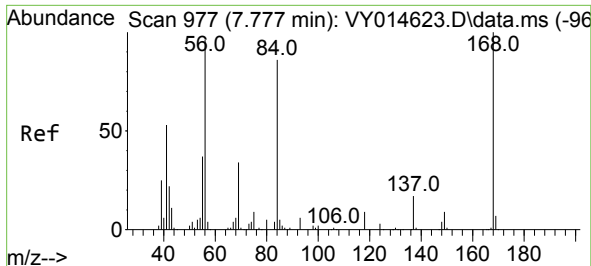
Tgt Ion: 83 Resp: 130631

Ion Ratio Lower Upper

83 100

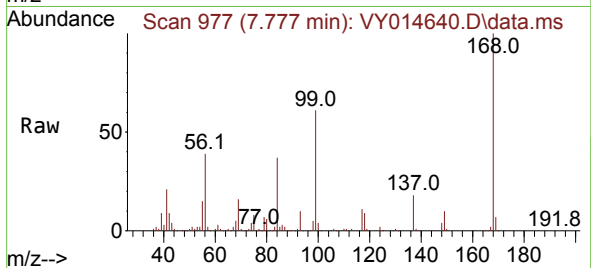
85 64.3 49.7 74.5



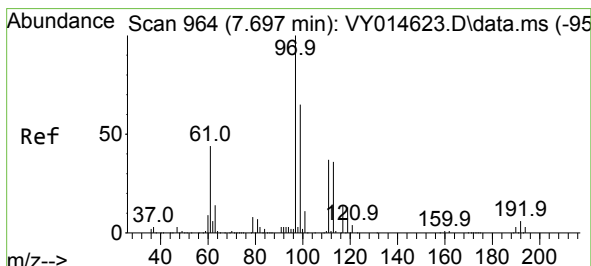
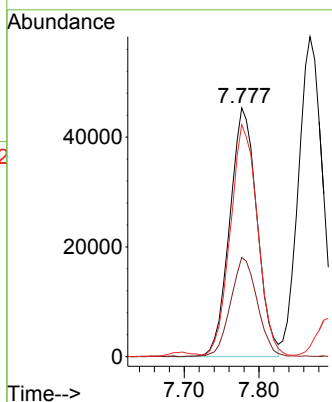
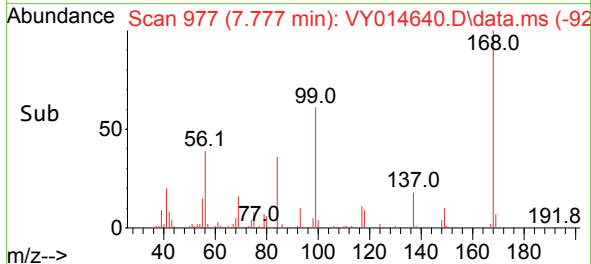


#31
Cyclohexane
Concen: 20.109 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

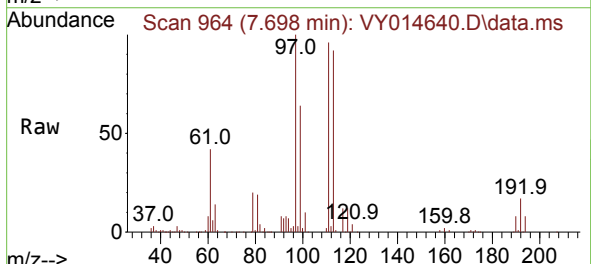
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01



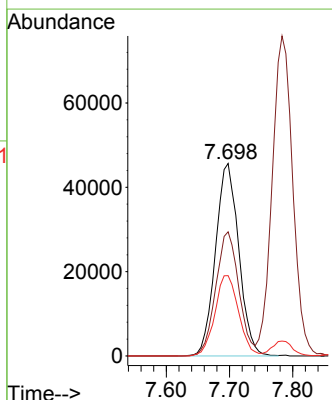
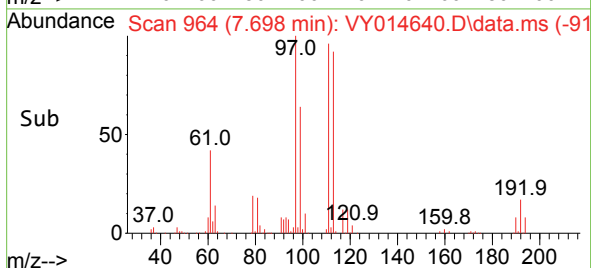
Tgt Ion: 56 Resp: 115139
Ion Ratio Lower Upper
56 100
69 39.7 27.8 41.6
84 91.5 66.4 99.6

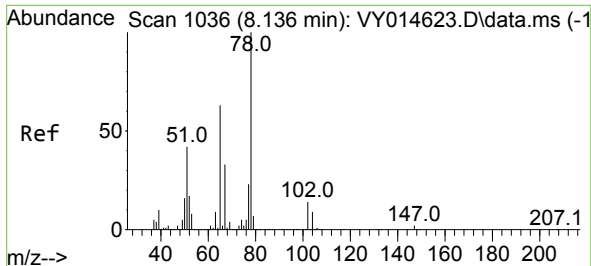


#32
1,1,1-Trichloroethane
Concen: 20.432 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18



Tgt Ion: 97 Resp: 116747
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 42.4 35.1 52.7

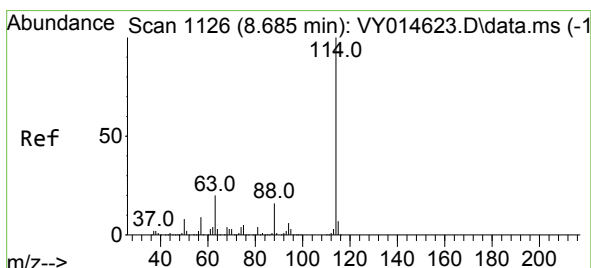
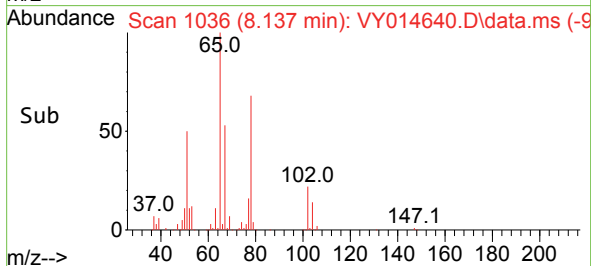
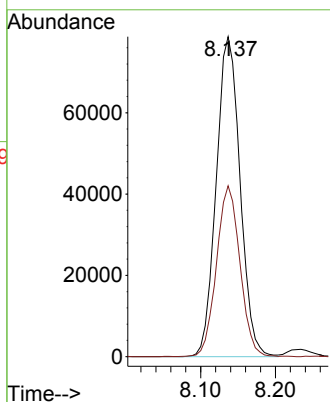
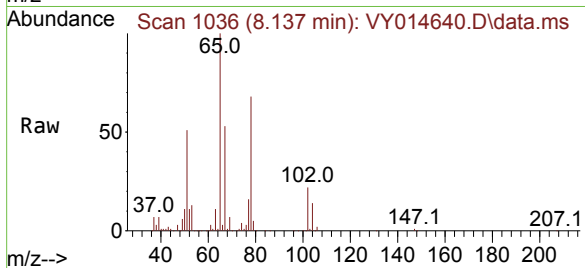




#33
 1,2-Dichloroethane-d4
 Concen: 50.664 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY014640.D
 Acq: 14 Jul 2023 12:18

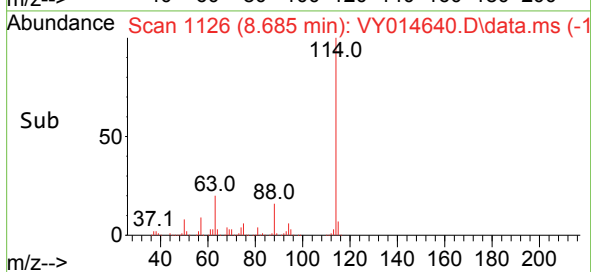
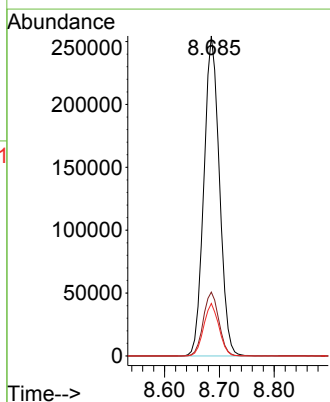
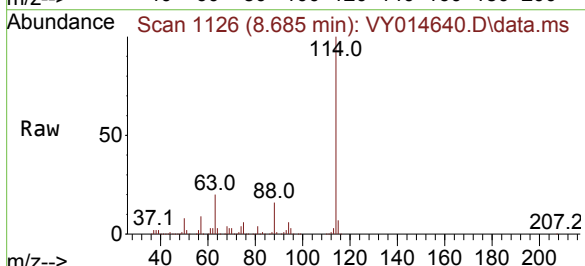
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

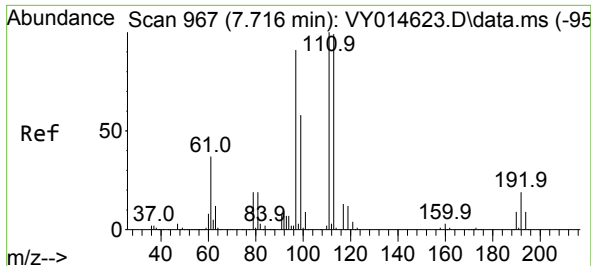
Tgt Ion: 65 Resp: 174748
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014640.D
 Acq: 14 Jul 2023 12:18

Tgt Ion: 114 Resp: 499401
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.4
 88 16.4 0.0 30.6

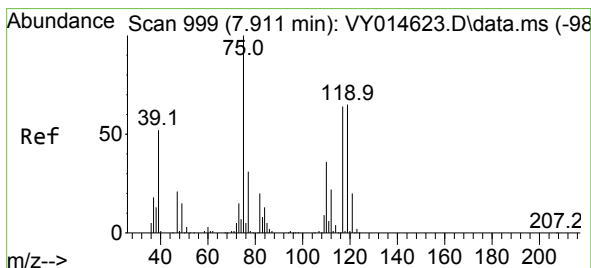
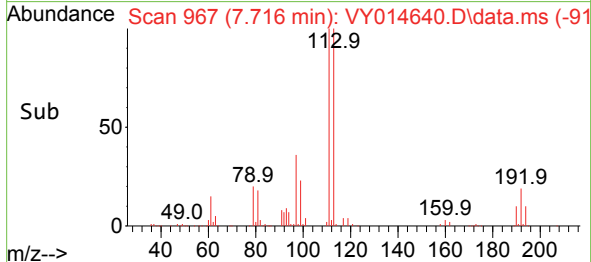
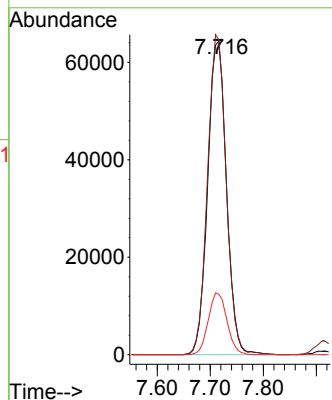
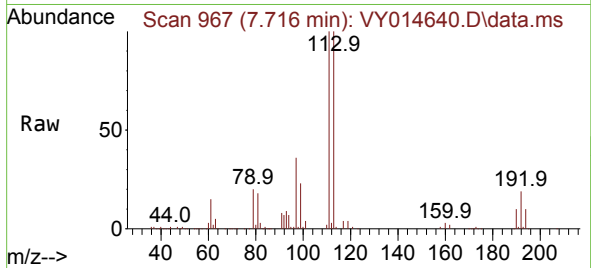




#35
Dibromofluoromethane
Concen: 49.790 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

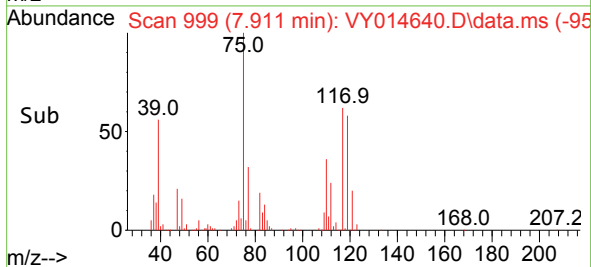
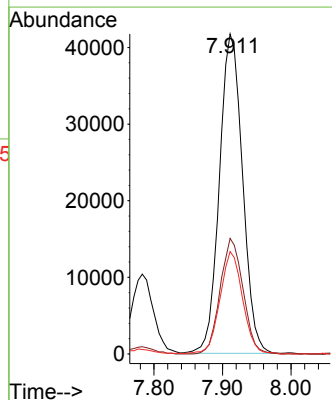
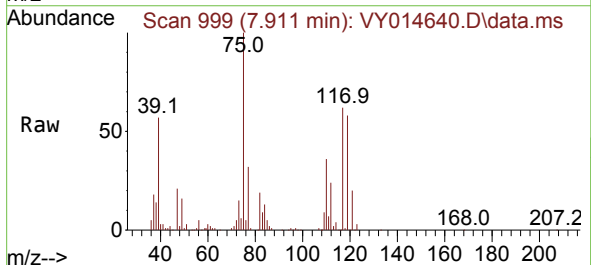
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

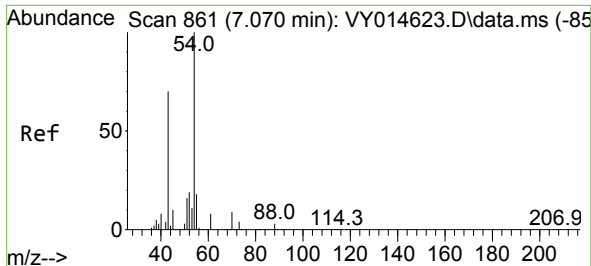
Tgt Ion:113 Resp: 158285
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.543 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

Tgt Ion: 75 Resp: 97667
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.5
77 31.4 24.4 36.6

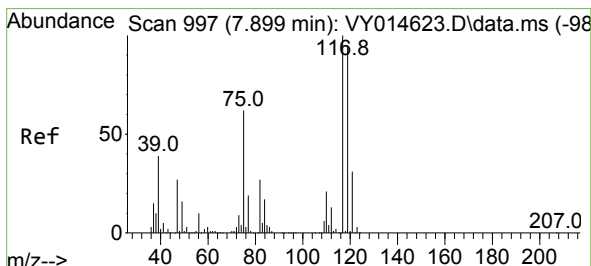
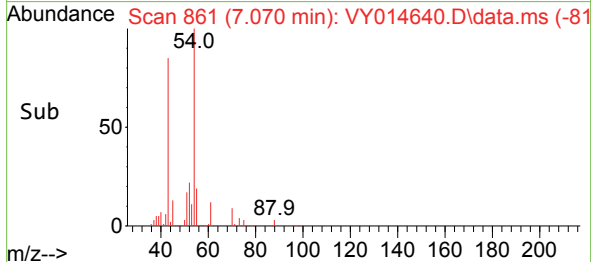
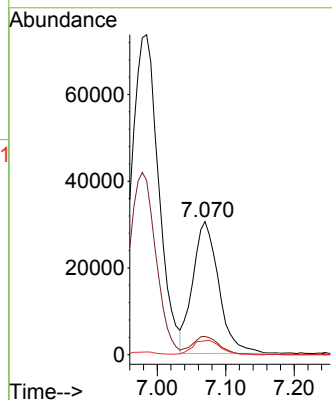
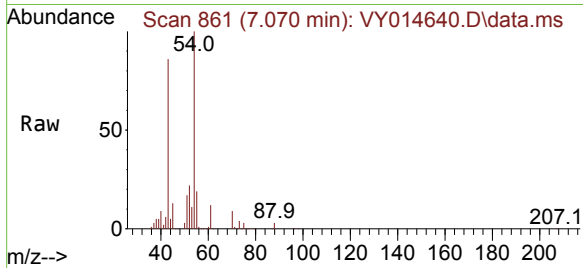




#37
Ethyl Acetate
Concen: 24.515 ug/l
RT: 7.070 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

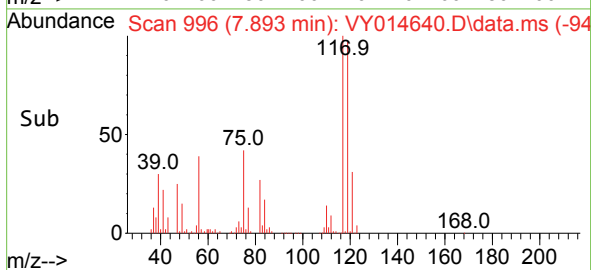
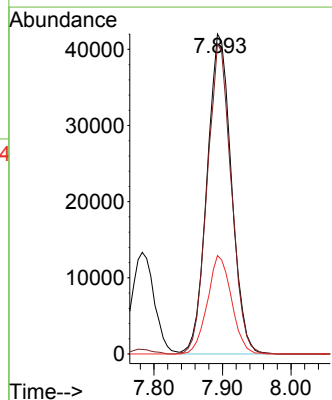
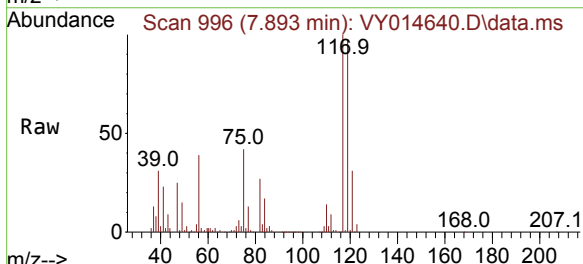
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

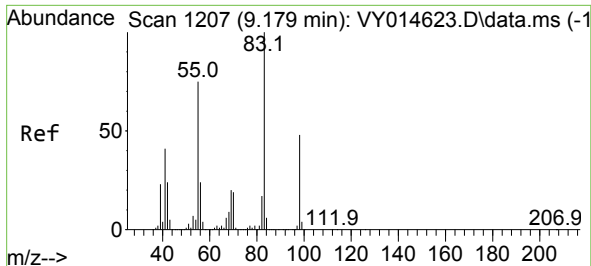
Tgt Ion: 43 Resp: 80244
Ion Ratio Lower Upper
43 100
61 14.7 10.1 15.1
70 11.8 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 20.615 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

Tgt Ion: 117 Resp: 103602
Ion Ratio Lower Upper
117 100
119 96.9 76.4 114.6
121 30.7 25.8 38.6

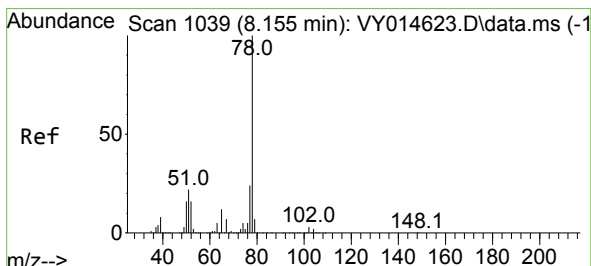
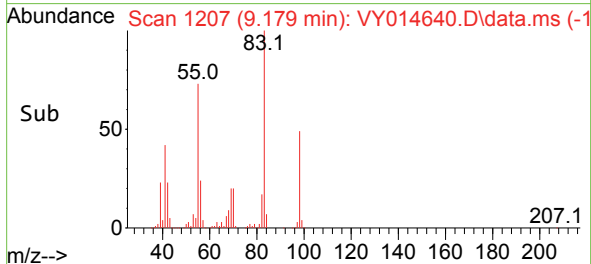
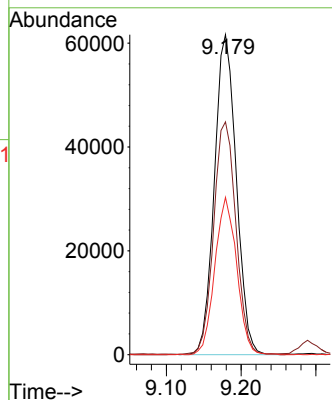
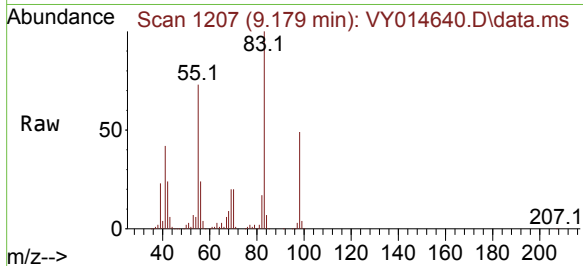




#39
Methylcyclohexane
Concen: 20.288 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

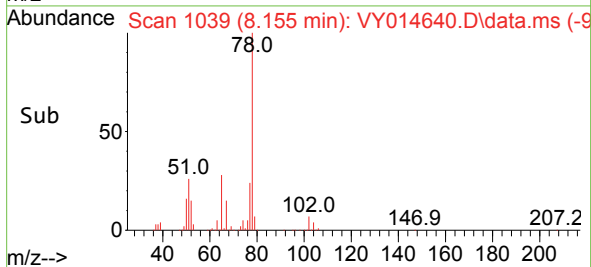
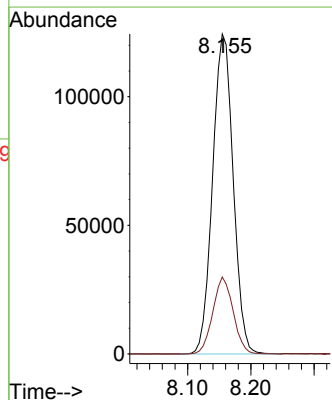
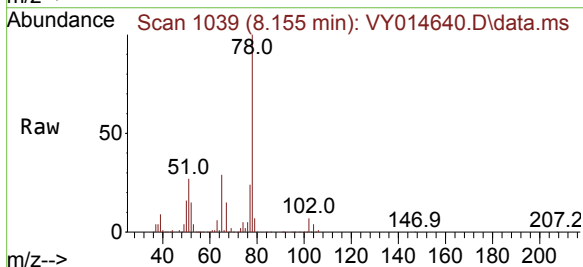
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

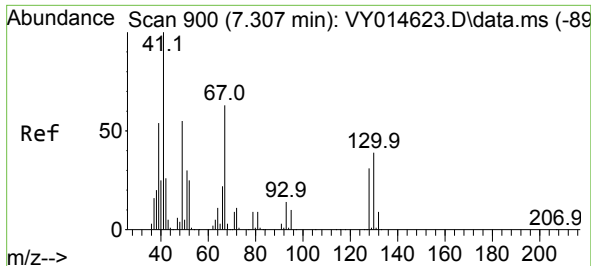
Tgt Ion: 83 Resp: 125659
Ion Ratio Lower Upper
83 100
55 72.6 63.0 94.4
98 49.2 37.4 56.2



#40
Benzene
Concen: 20.729 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

Tgt Ion: 78 Resp: 280283
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6

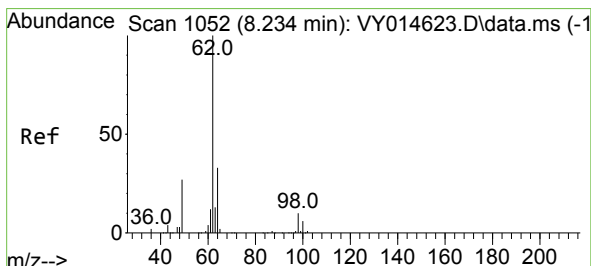
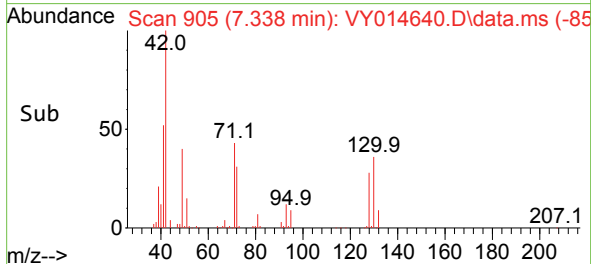
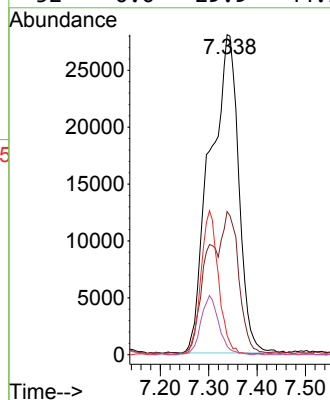
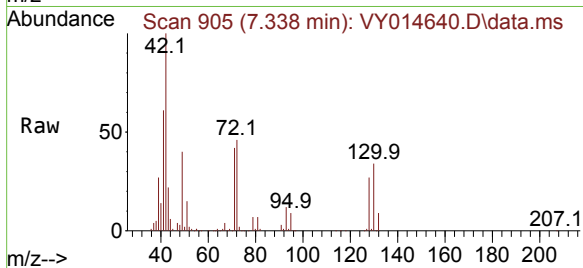




#41
Methacrylonitrile
Concen: 68.431 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

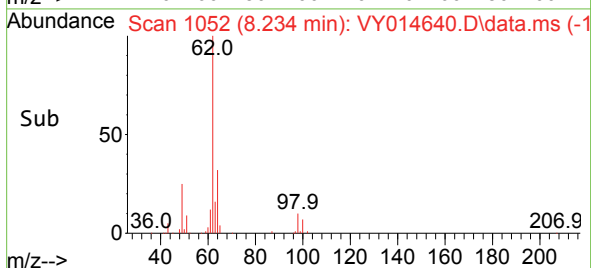
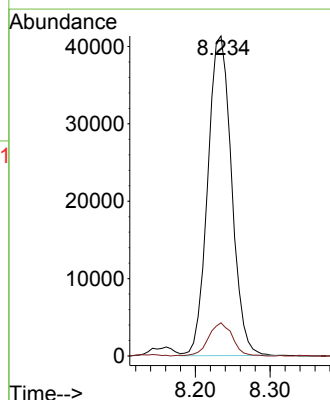
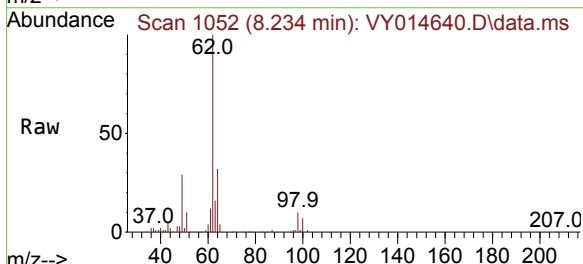
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

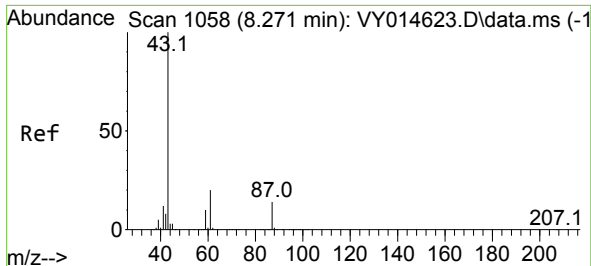
Tgt Ion: 41 Resp: 115212
Ion Ratio Lower Upper
41 100
39 26.5 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 21.355 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

Tgt Ion: 62 Resp: 91438
Ion Ratio Lower Upper
62 100
98 10.4 0.0 15.8

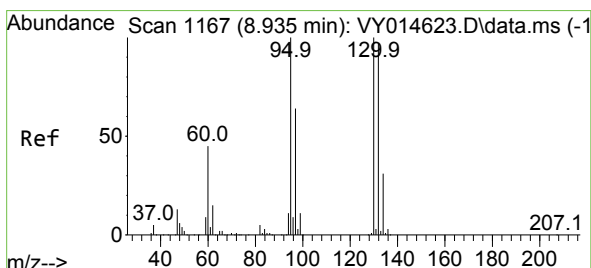
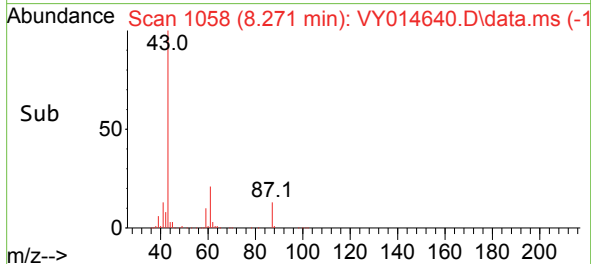
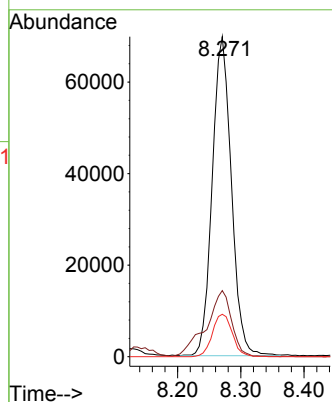
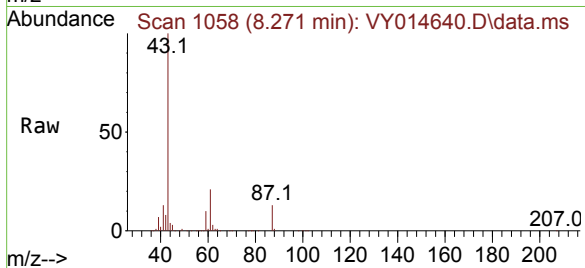




#43
Isopropyl Acetate
Concen: 23.447 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

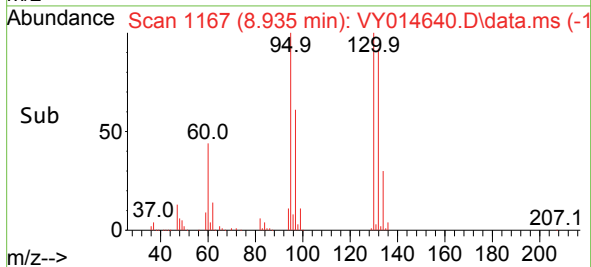
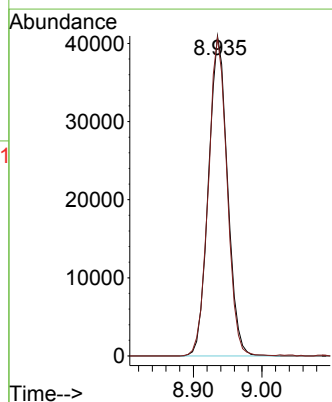
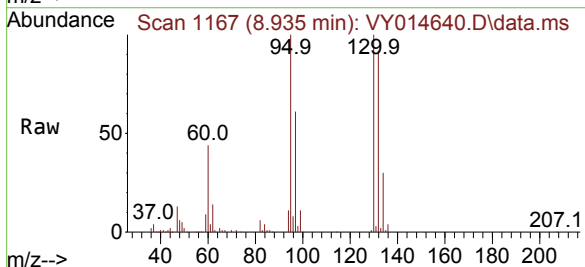
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

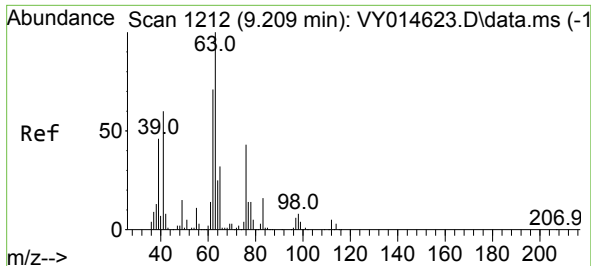
Tgt Ion: 43 Resp: 146198
Ion Ratio Lower Upper
43 100
61 27.8 21.1 31.7
87 13.9 9.8 14.8



#44
Trichloroethene
Concen: 20.869 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

Tgt Ion:130 Resp: 78948
Ion Ratio Lower Upper
130 100
95 99.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.533 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. 0.001 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

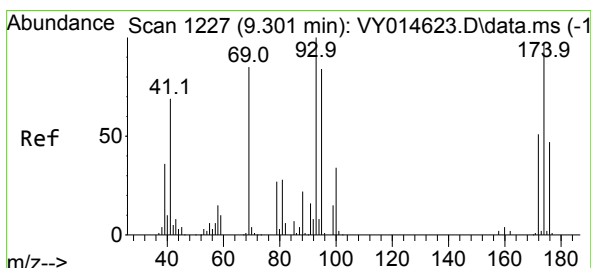
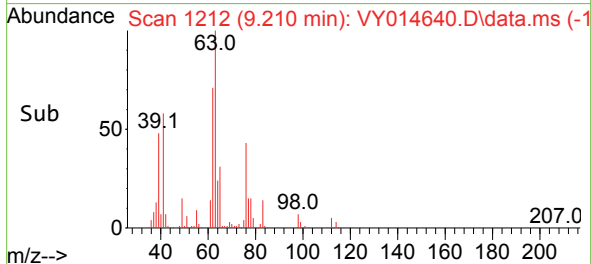
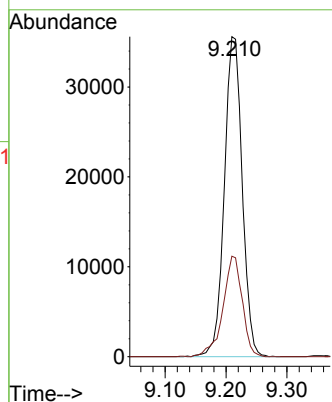
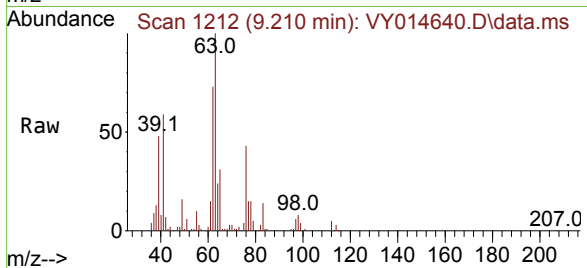
VY0714SBS01

Tgt Ion: 63 Resp: 72497

Ion Ratio Lower Upper

63 100

65 31.4 23.8 35.6



#46

Dibromomethane

Concen: 21.799 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

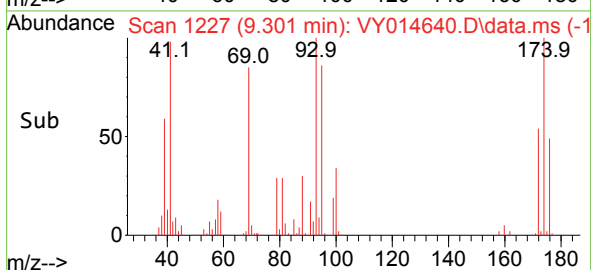
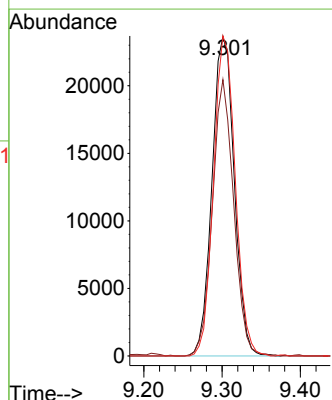
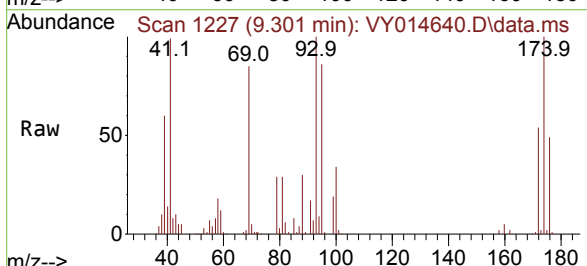
Tgt Ion: 93 Resp: 46692

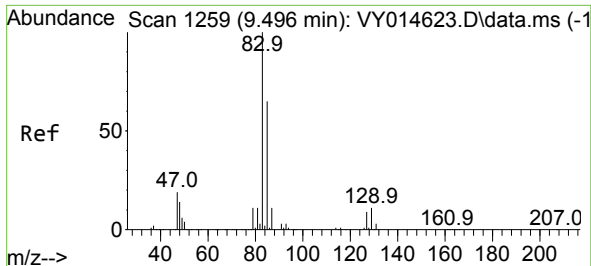
Ion Ratio Lower Upper

93 100

95 82.7 66.6 100.0

174 97.8 84.8 127.2

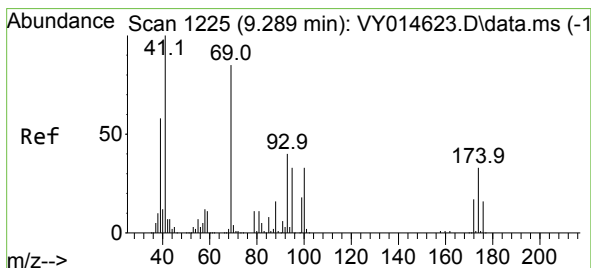
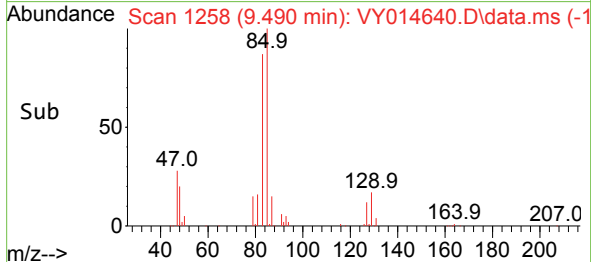
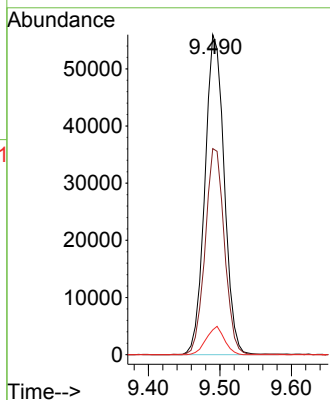
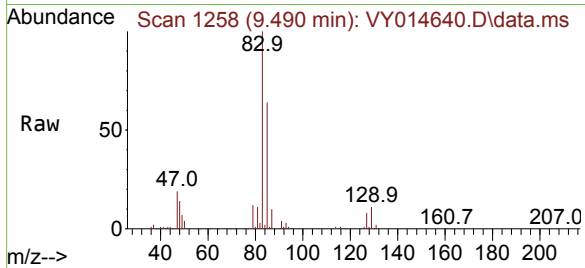




#47
Bromodichloromethane
Concen: 20.807 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

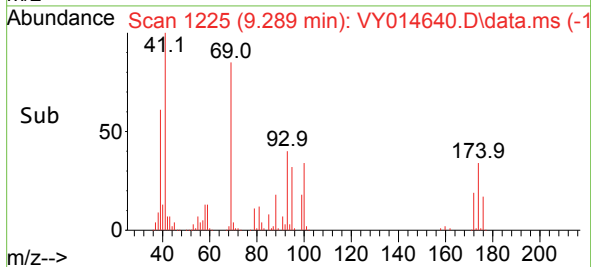
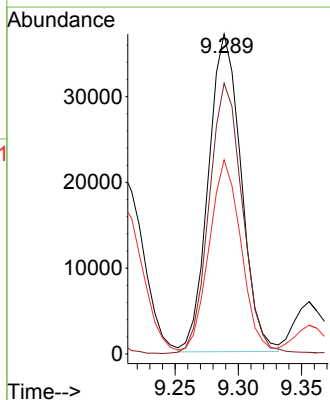
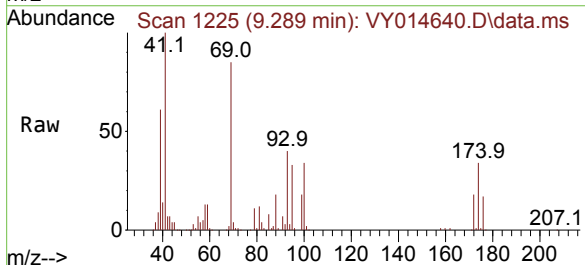
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

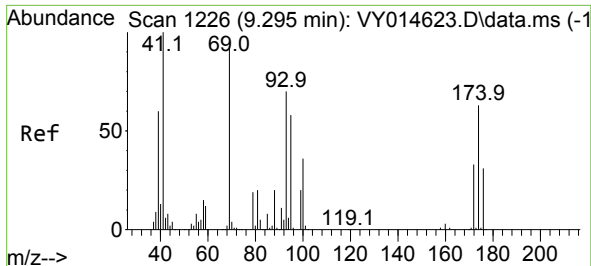
Tgt Ion: 83 Resp: 105036
Ion Ratio Lower Upper
83 100
85 64.3 50.1 75.1
127 7.7 7.1 10.7



#48
Methyl methacrylate
Concen: 23.744 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

Tgt Ion: 41 Resp: 66617
Ion Ratio Lower Upper
41 100
69 86.5 64.5 96.7
39 57.8 50.8 76.2





#49

1,4-Dioxane

Concen: 549.542 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

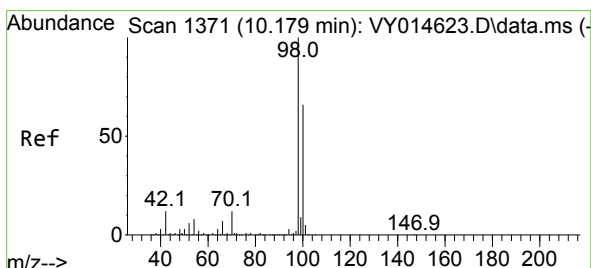
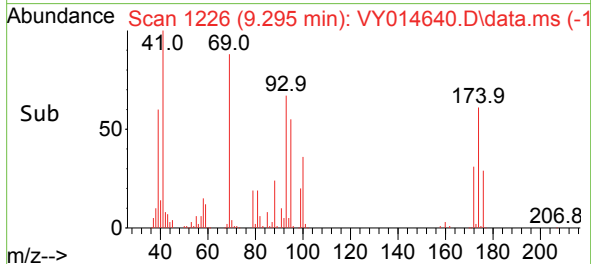
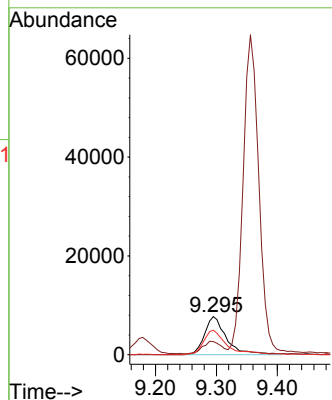
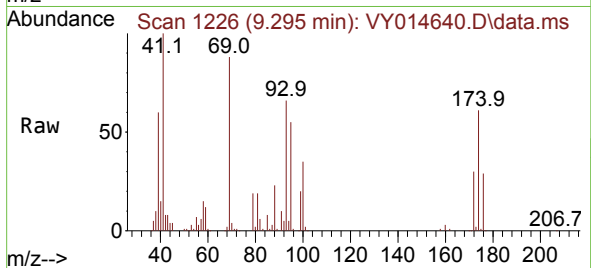
Tgt Ion: 88 Resp: 19193

Ion Ratio Lower Upper

88 100

43 28.3 0.0 0.0#

58 67.7 30.9 46.3#



#50

Toluene-d8

Concen: 48.845 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY014640.D

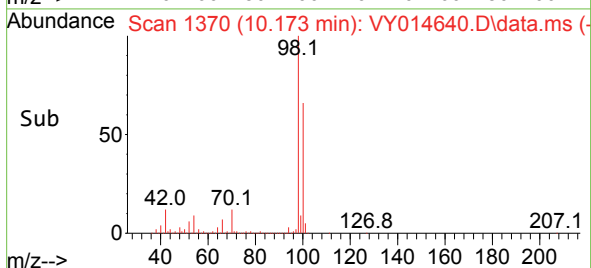
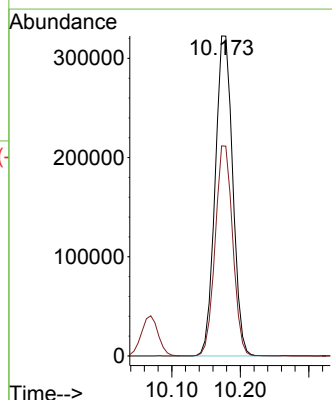
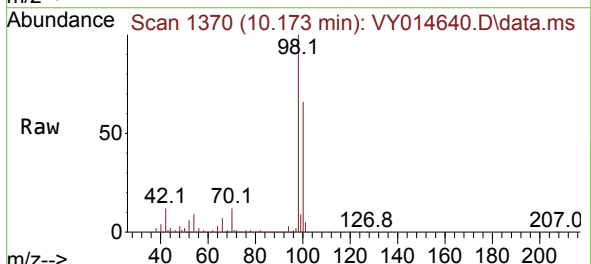
Acq: 14 Jul 2023 12:18

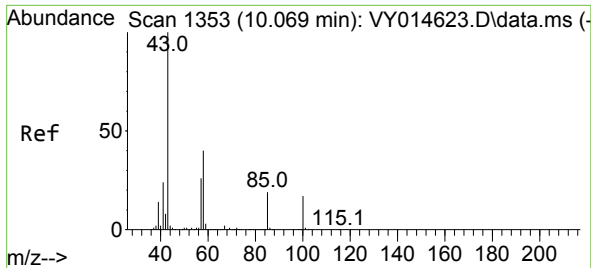
Tgt Ion: 98 Resp: 572493

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1

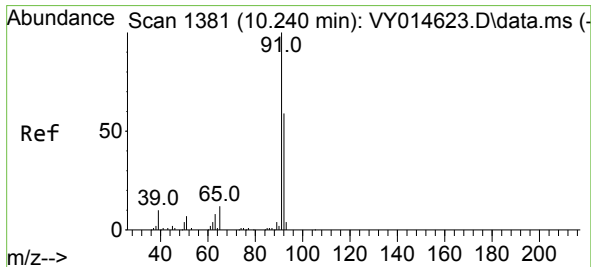
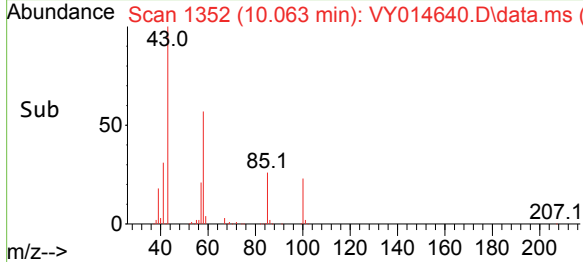
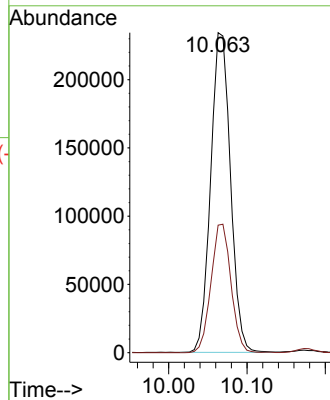
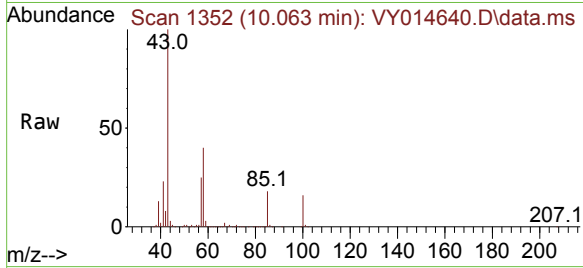




#51
4-Methyl-2-Pentanone
Concen: 125.816 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

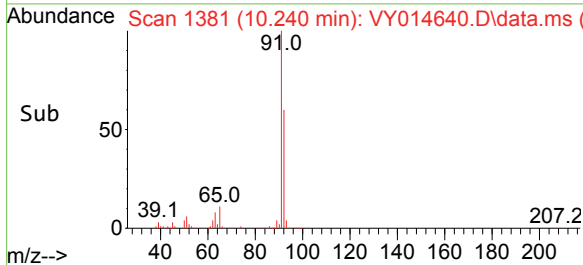
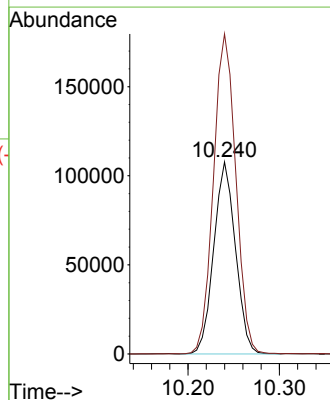
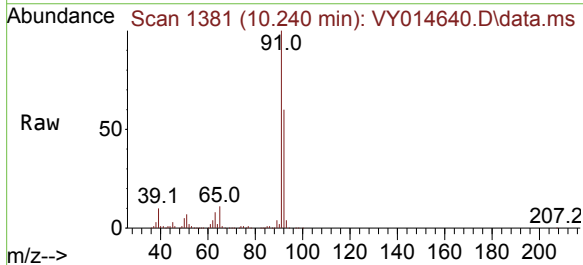
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

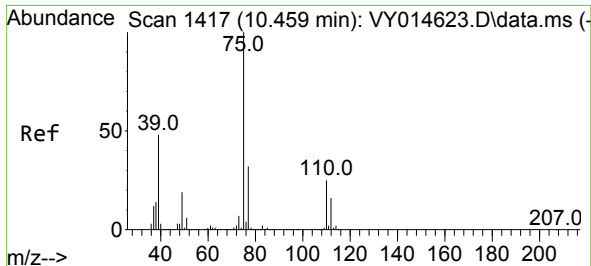
Tgt Ion: 43 Resp: 411895
Ion Ratio Lower Upper
43 100
58 40.5 29.0 43.6



#52
Toluene
Concen: 20.598 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

Tgt Ion: 92 Resp: 178221
Ion Ratio Lower Upper
92 100
91 171.7 143.8 215.6

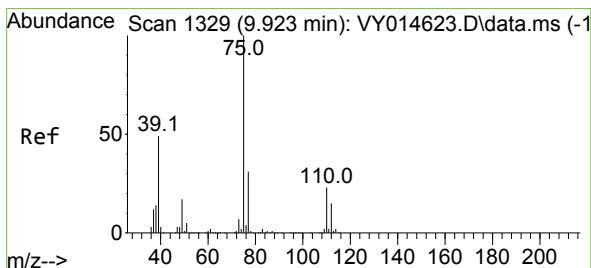
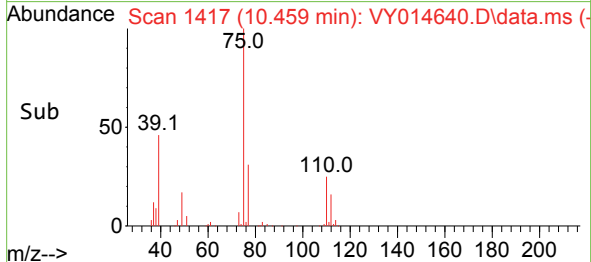
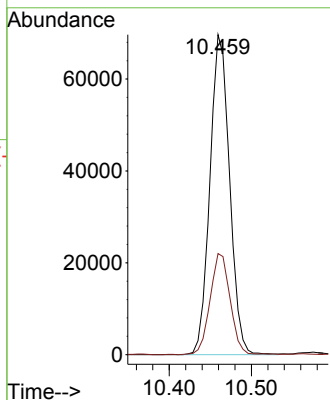
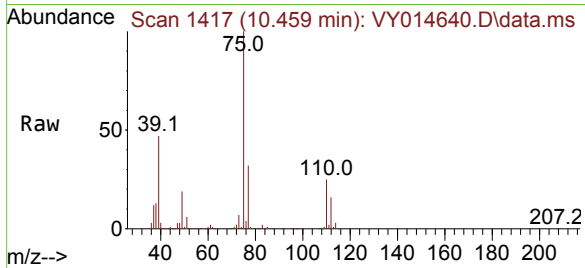




#53
 t-1,3-Dichloropropene
 Concen: 20.965 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY014640.D
 Acq: 14 Jul 2023 12:18

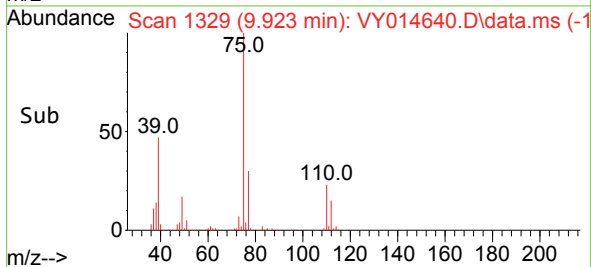
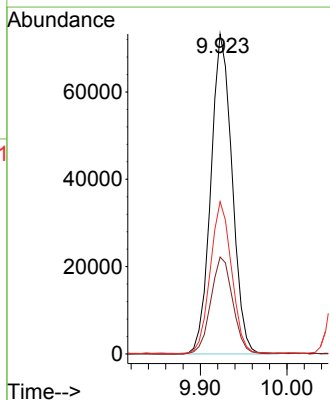
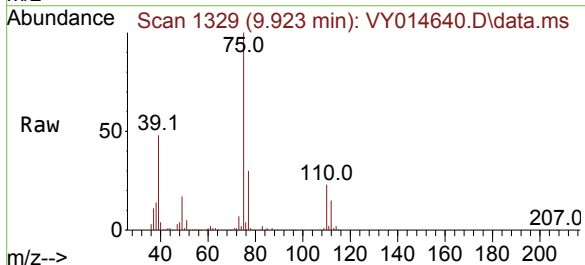
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

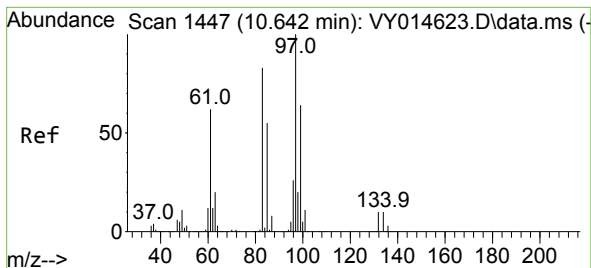
Tgt Ion: 75 Resp: 115768
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.827 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY014640.D
 Acq: 14 Jul 2023 12:18

Tgt Ion: 75 Resp: 125067
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.2 36.4
 39 47.5 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 21.768 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

Tgt Ion: 97 Resp: 64946

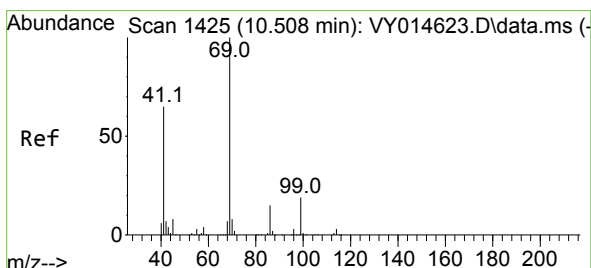
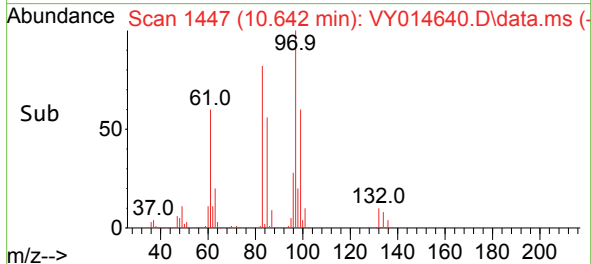
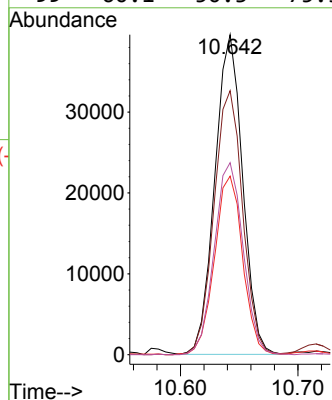
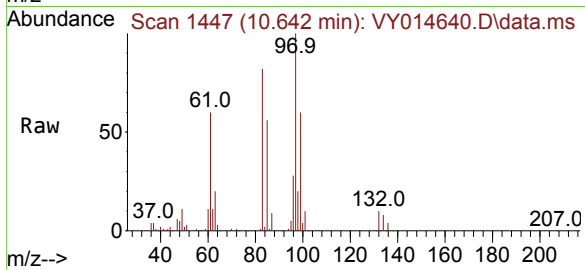
Ion Ratio Lower Upper

97 100

83 82.4 72.0 108.0

85 55.7 45.4 68.0

99 60.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 22.816 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

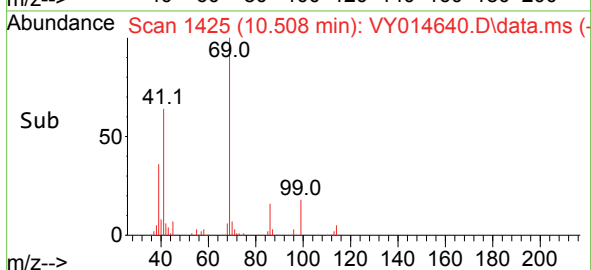
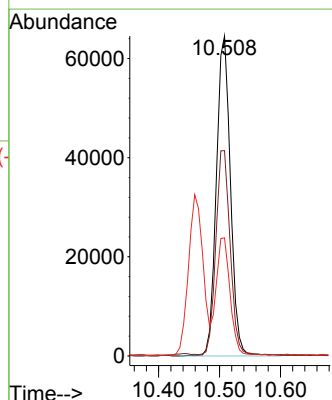
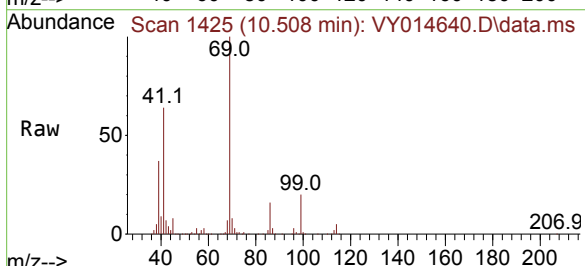
Tgt Ion: 69 Resp: 103936

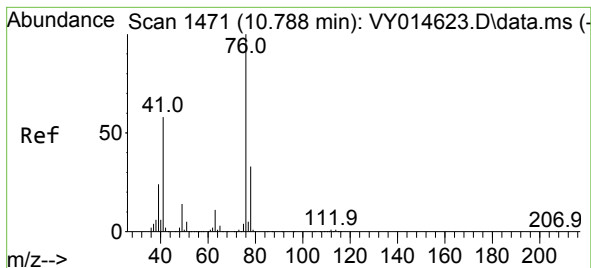
Ion Ratio Lower Upper

69 100

41 64.4 57.6 86.4

39 36.2 34.1 51.1

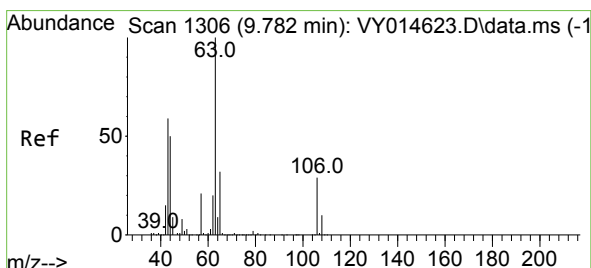
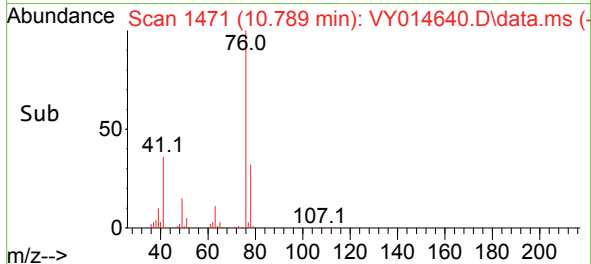
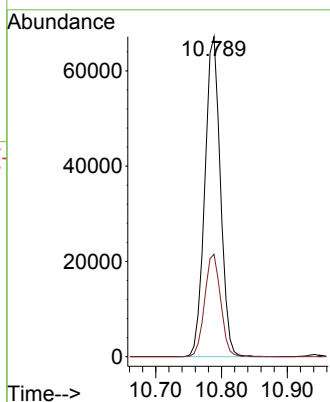
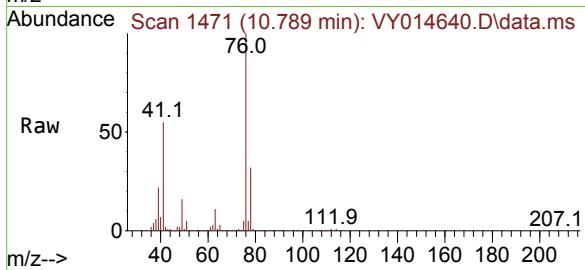




#57
1,3-Dichloropropane
Concen: 21.510 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.001 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

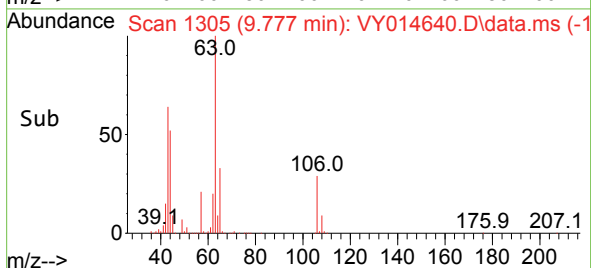
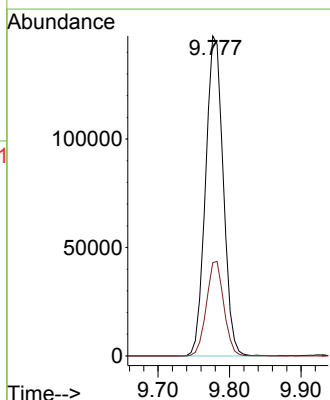
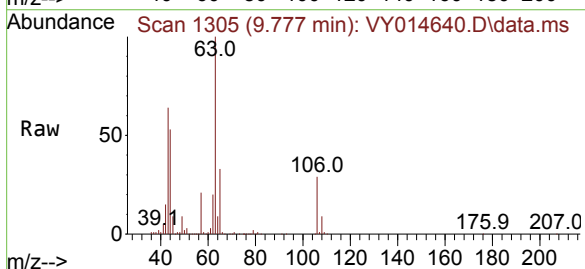
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

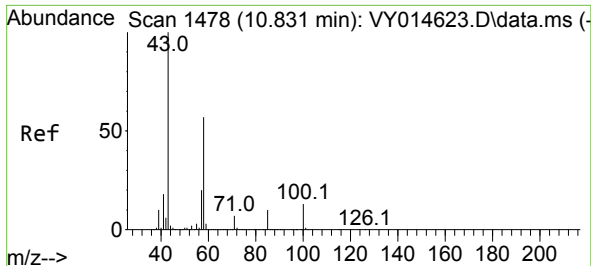
Tgt Ion: 76 Resp: 110694
Ion Ratio Lower Upper
76 100
78 32.8 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 119.197 ug/l
RT: 9.777 min Scan# 1305
Delta R.T. -0.005 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

Tgt Ion: 63 Resp: 253005
Ion Ratio Lower Upper
63 100
106 29.1 21.2 31.8

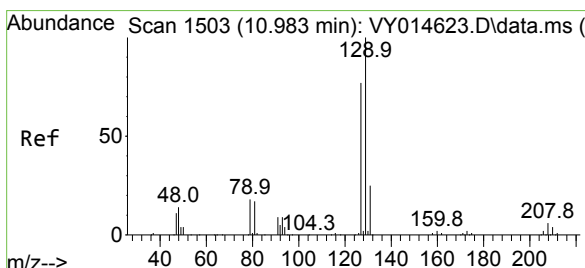
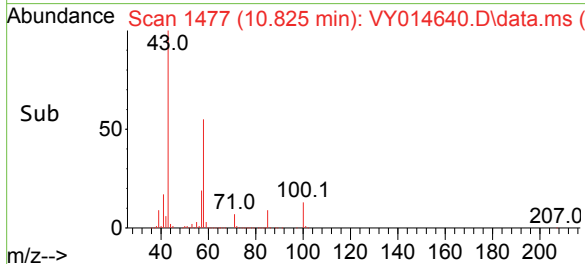
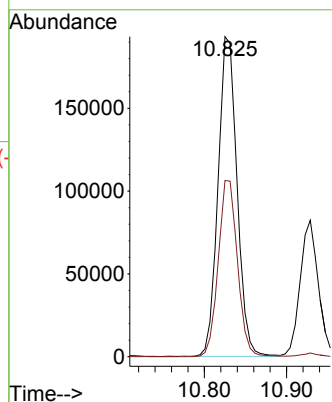
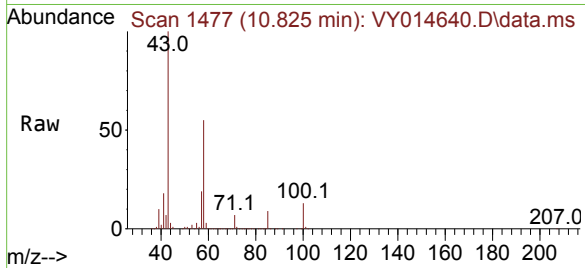




#59
2-Hexanone
Concen: 129.677 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

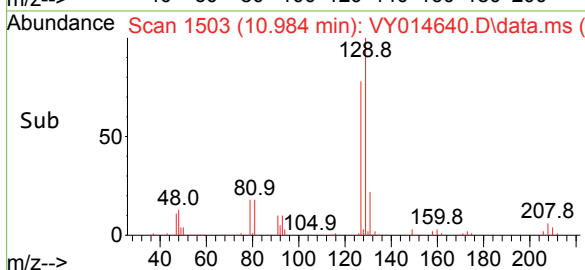
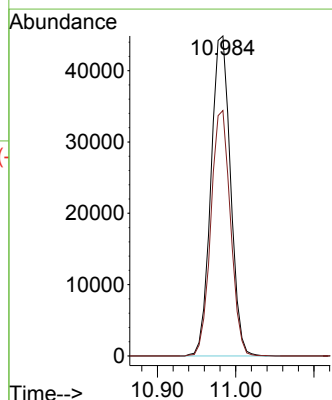
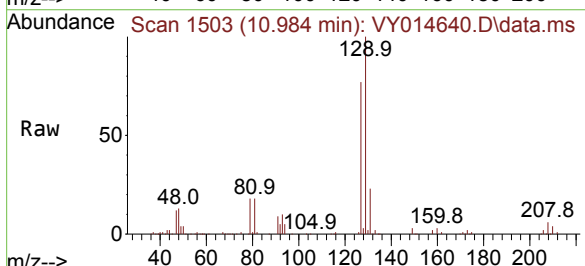
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

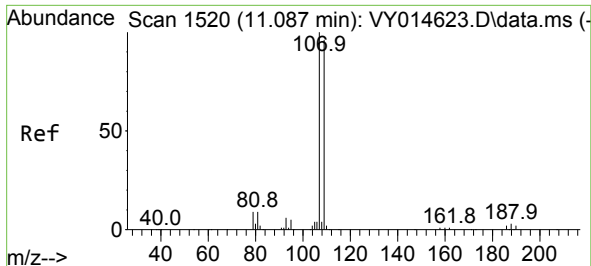
Tgt Ion: 43 Resp: 309593
Ion Ratio Lower Upper
43 100
58 56.0 25.1 75.3



#60
Dibromochloromethane
Concen: 21.268 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

Tgt Ion: 129 Resp: 77801
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5

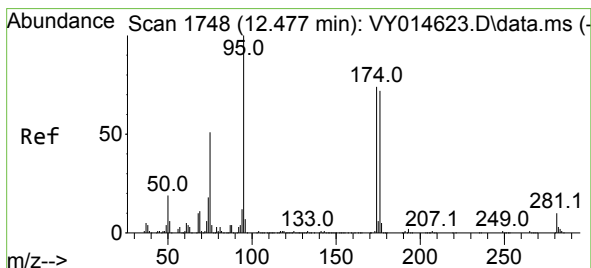
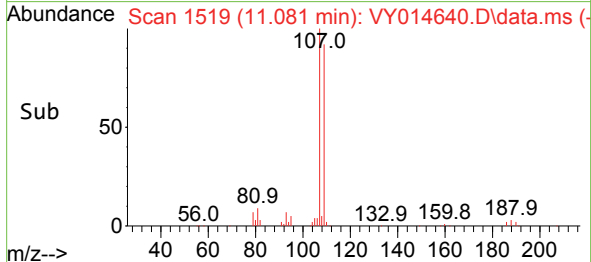
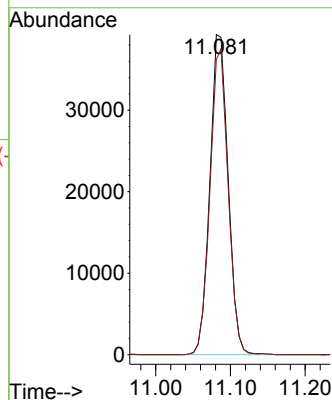
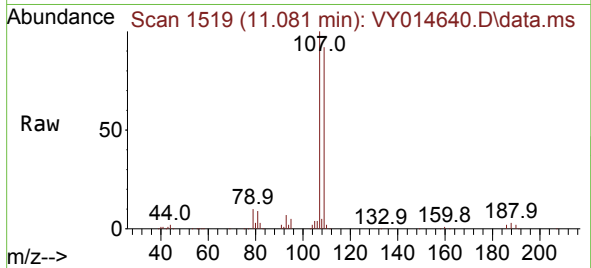




#61
1,2-Dibromoethane
Concen: 22.369 ug/l
RT: 11.081 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

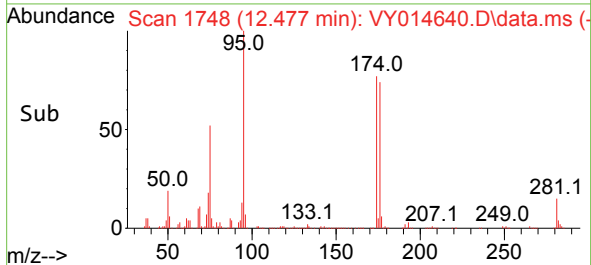
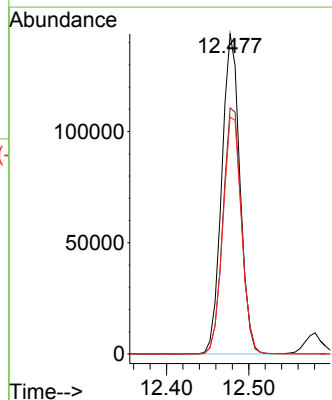
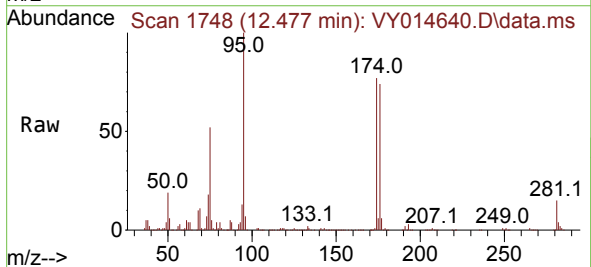
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

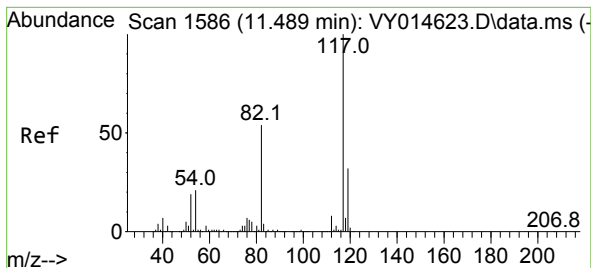
Tgt Ion:107 Resp: 66578
Ion Ratio Lower Upper
107 100
109 95.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.196 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

Tgt Ion: 95 Resp: 221090
Ion Ratio Lower Upper
95 100
174 78.5 0.0 178.2
176 75.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

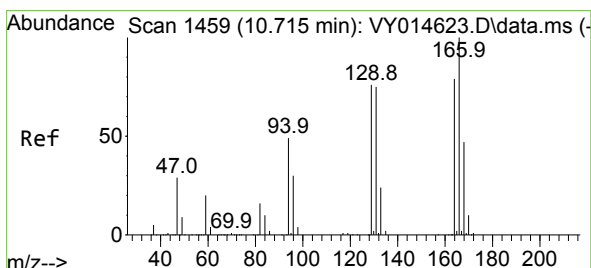
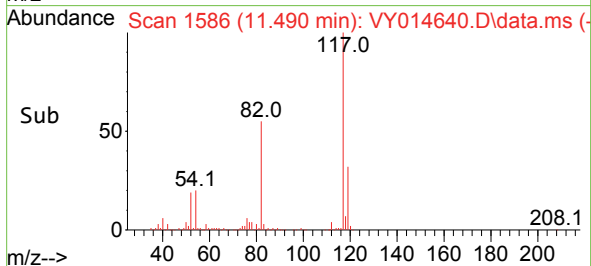
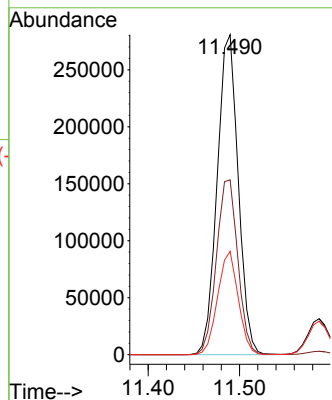
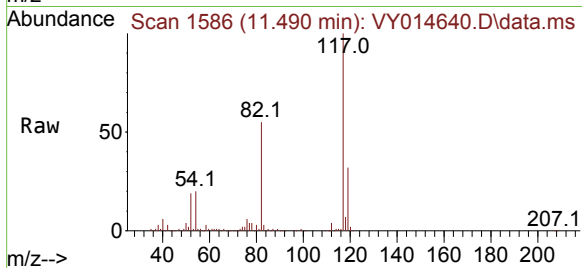
Tgt Ion:117 Resp: 449551

Ion Ratio Lower Upper

117 100

82 54.7 43.4 65.0

119 32.3 26.3 39.5



#64

Tetrachloroethene

Concen: 21.439 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

Tgt Ion:164 Resp: 77516

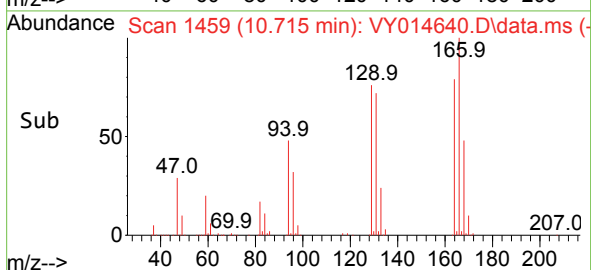
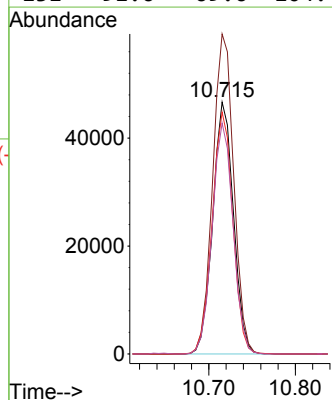
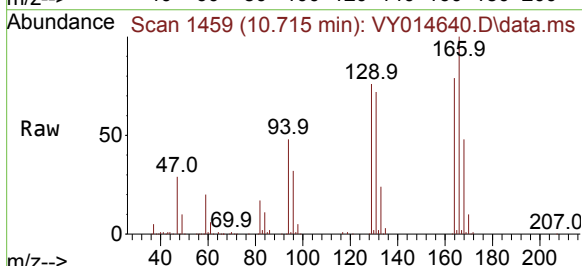
Ion Ratio Lower Upper

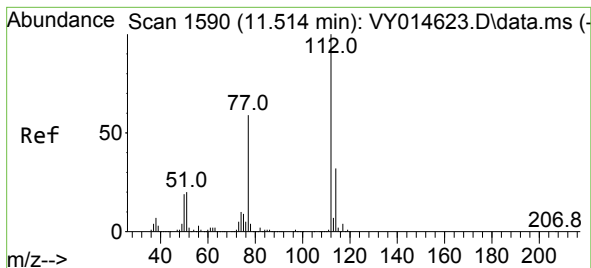
164 100

166 127.0 103.0 154.6

129 95.9 77.2 115.8

131 91.6 69.6 104.4





#65

Chlorobenzene

Concen: 20.299 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

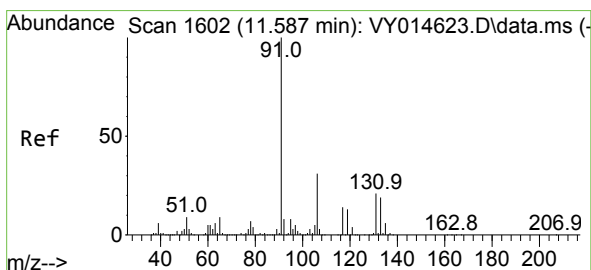
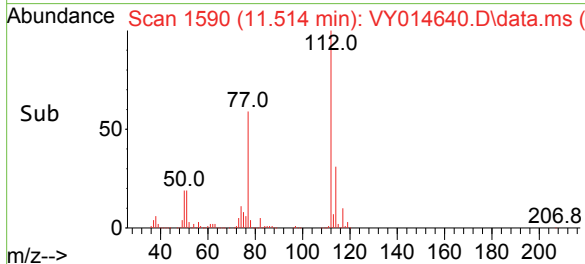
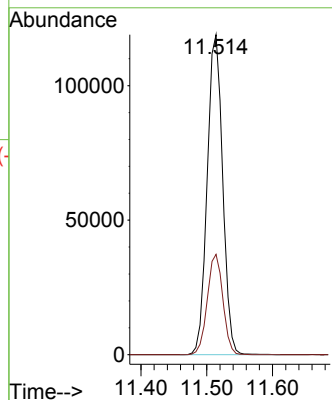
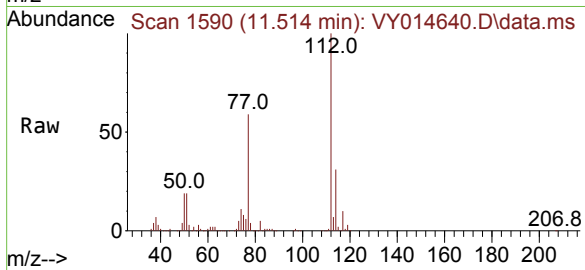
VY0714SBS01

Tgt Ion:112 Resp: 194461

Ion Ratio Lower Upper

112 100

114 31.3 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.751 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

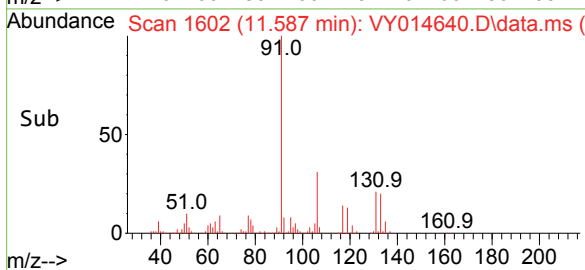
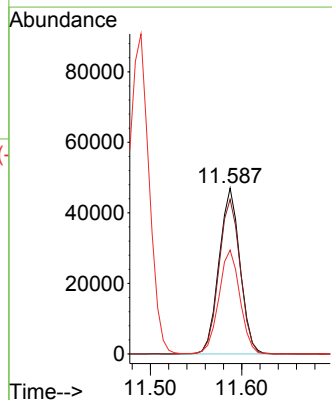
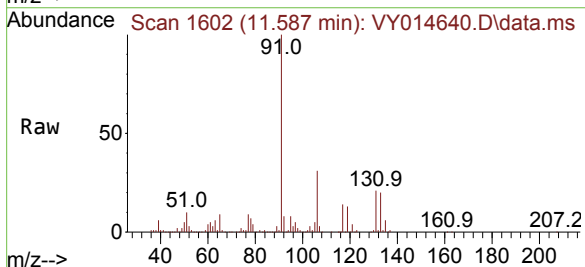
Tgt Ion:131 Resp: 74954

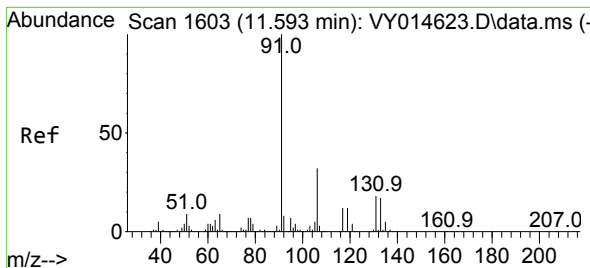
Ion Ratio Lower Upper

131 100

133 95.1 47.5 142.6

119 63.2 31.6 94.7





#67

Ethyl Benzene

Concen: 20.062 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

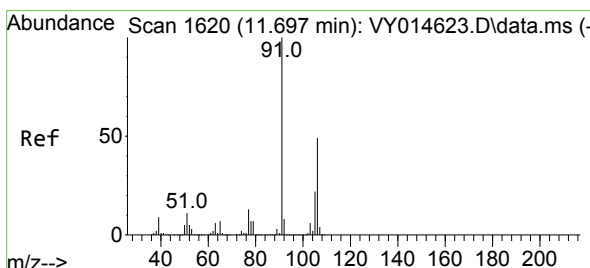
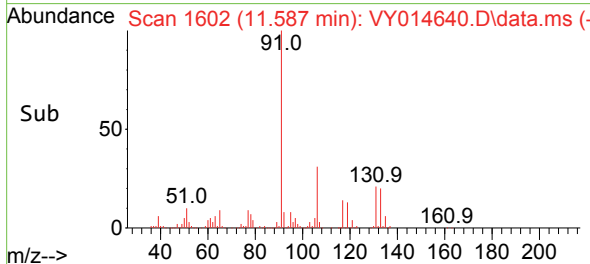
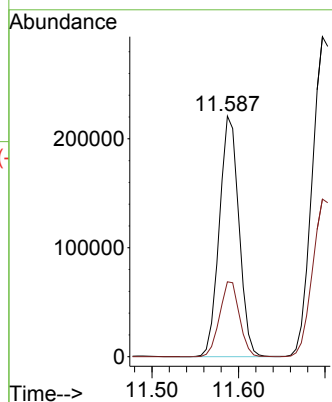
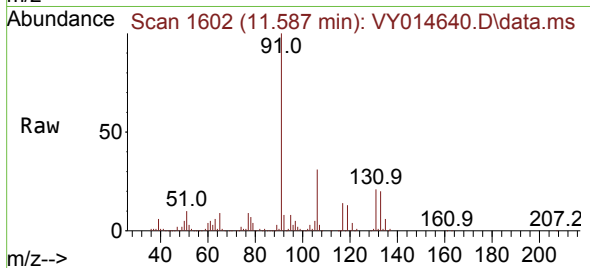
VY0714SBS01

Tgt Ion: 91 Resp: 346994

Ion Ratio Lower Upper

91 100

106 31.1 24.6 36.8



#68

m/p-Xylenes

Concen: 40.388 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY014640.D

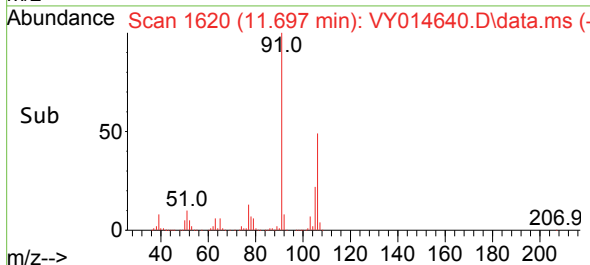
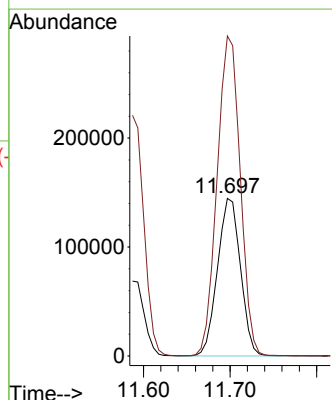
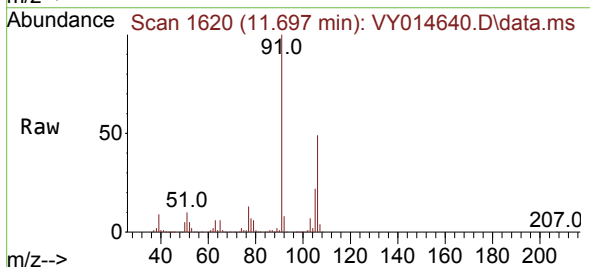
Acq: 14 Jul 2023 12:18

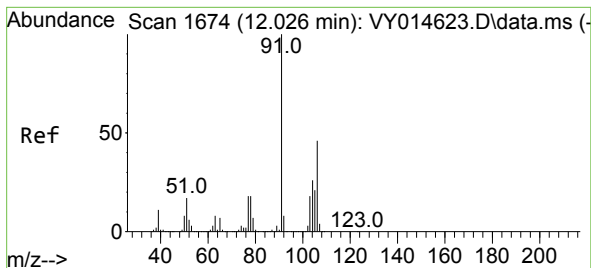
Tgt Ion:106 Resp: 266658

Ion Ratio Lower Upper

106 100

91 204.7 166.1 249.1





#69

o-Xylene

Concen: 20.150 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

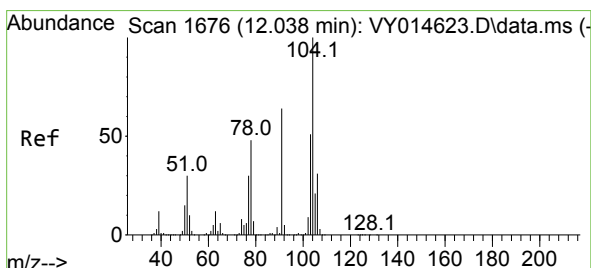
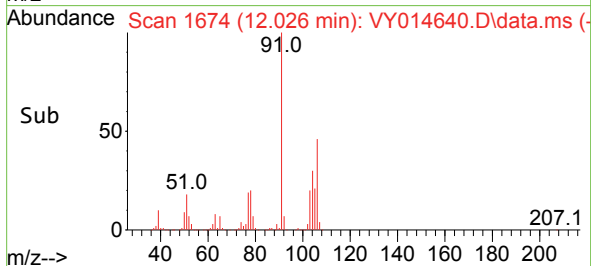
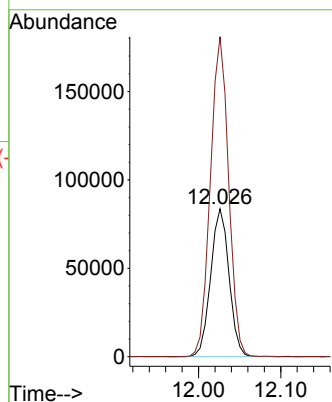
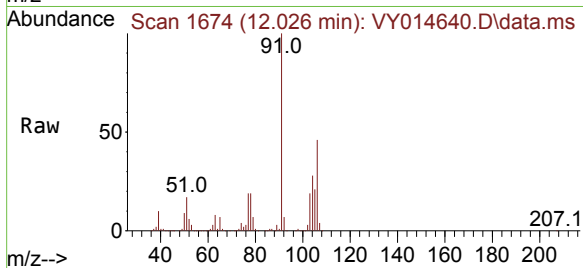
VY0714SBS01

Tgt Ion:106 Resp: 129579

Ion Ratio Lower Upper

106 100

91 215.5 108.1 324.3



#70

Styrene

Concen: 20.524 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

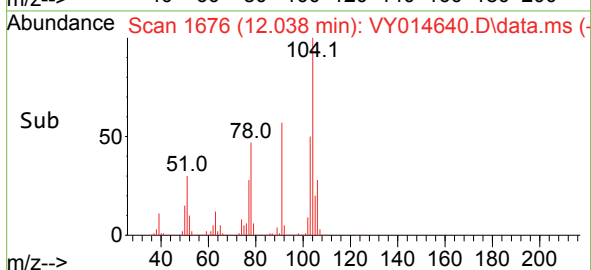
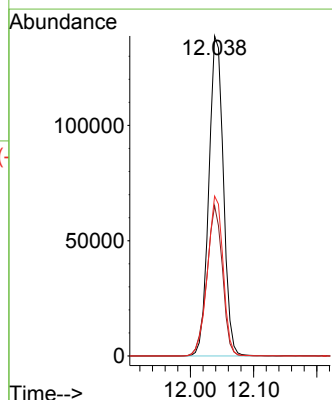
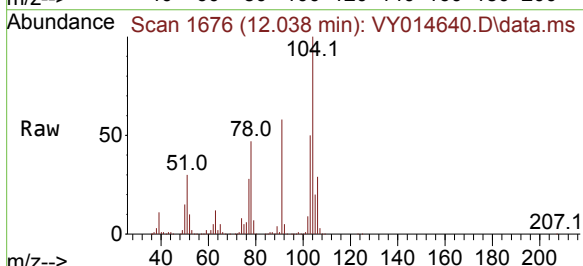
Tgt Ion:104 Resp: 222452

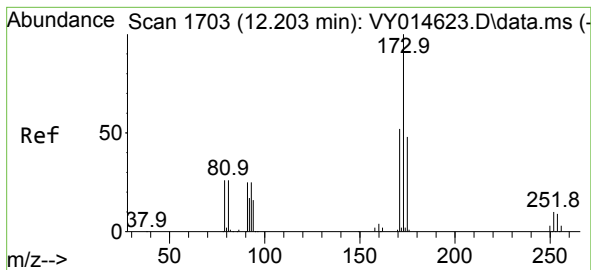
Ion Ratio Lower Upper

104 100

78 50.3 41.5 62.3

103 53.9 44.6 67.0





#71

Bromoform

Concen: 22.258 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

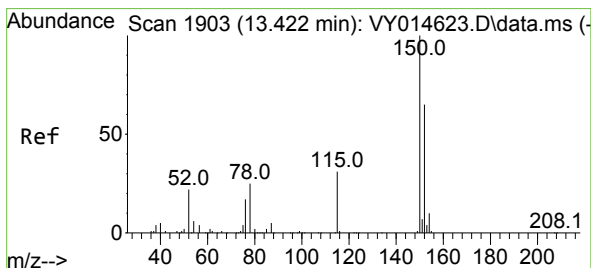
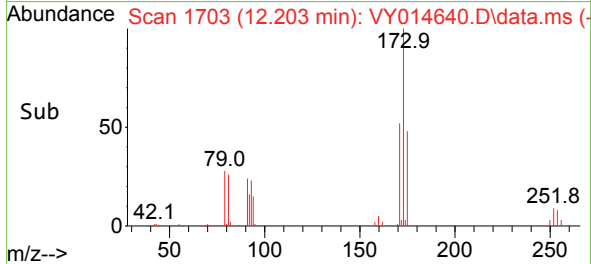
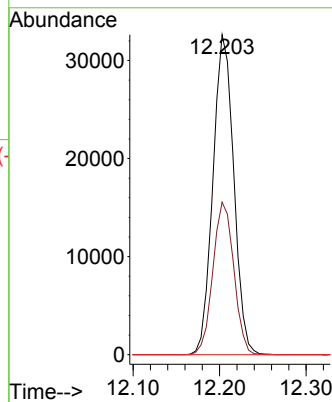
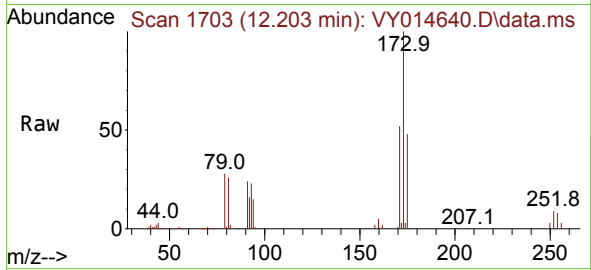
Tgt Ion:173 Resp: 54495

Ion Ratio Lower Upper

173 100

175 47.8 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

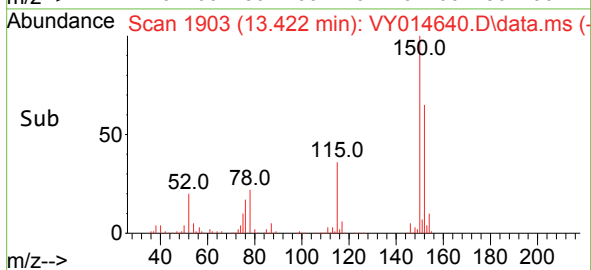
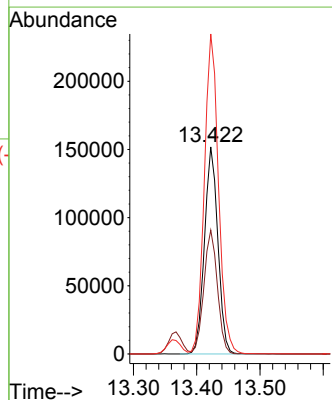
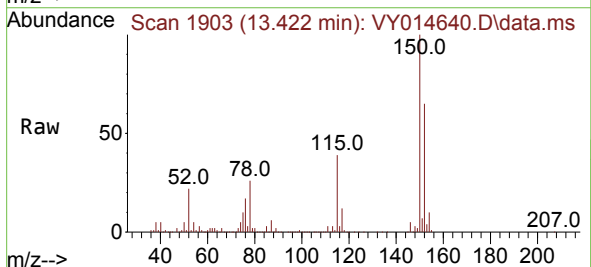
Tgt Ion:152 Resp: 224447

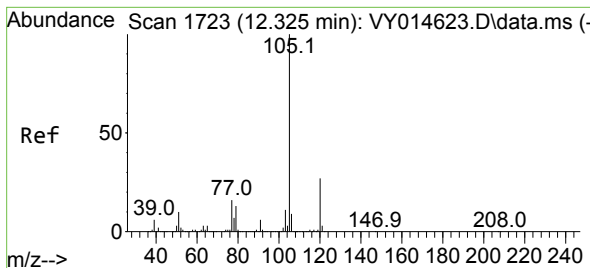
Ion Ratio Lower Upper

152 100

115 60.3 28.8 86.5

150 163.0 0.0 348.8





#73

Isopropylbenzene

Concen: 19.557 ug/l

RT: 12.325 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

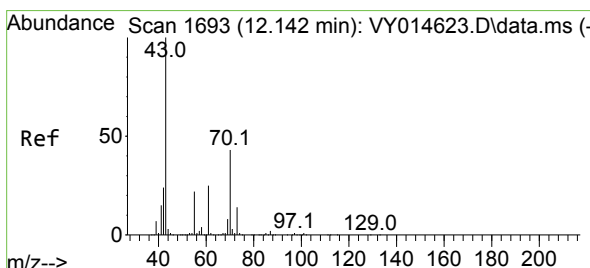
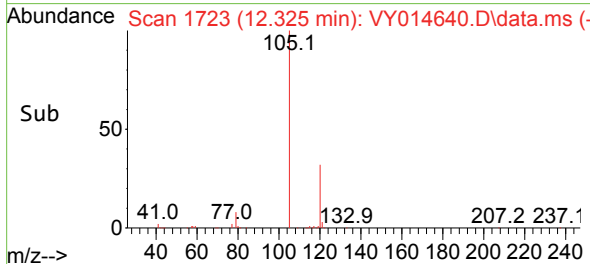
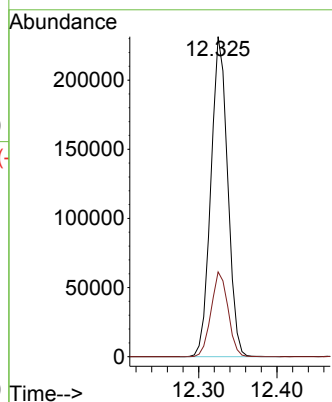
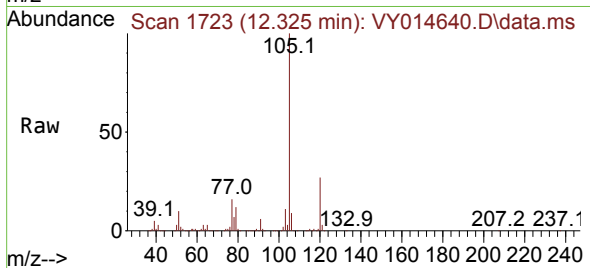
VY0714SBS01

Tgt Ion:105 Resp: 343704

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 21.887 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

Tgt Ion: 43 Resp: 128827

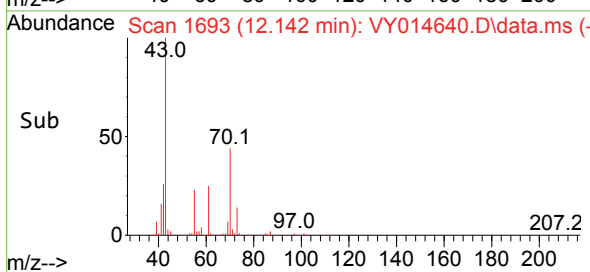
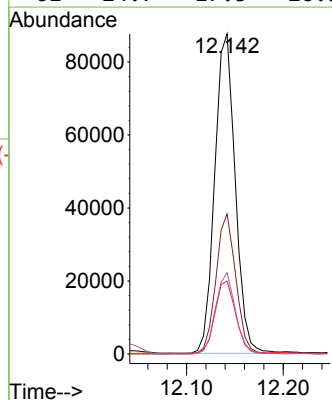
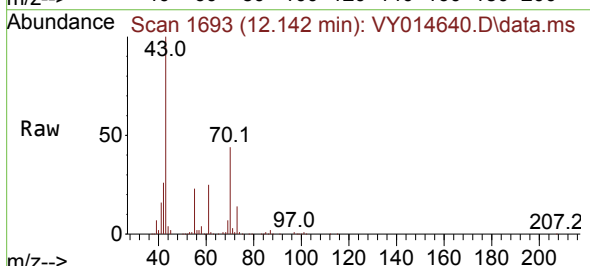
Ion Ratio Lower Upper

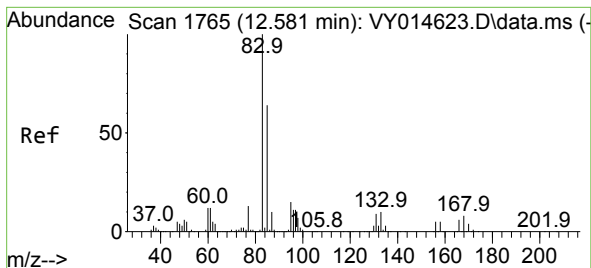
43 100

70 42.5 29.7 44.5

55 23.1 18.3 27.5

61 24.7 17.5 26.3

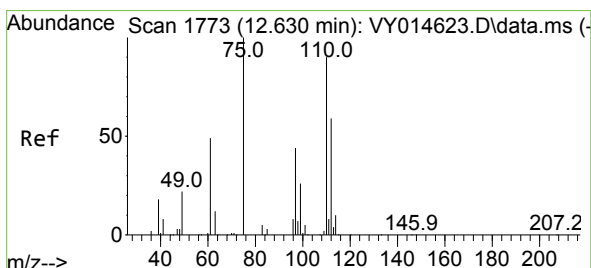
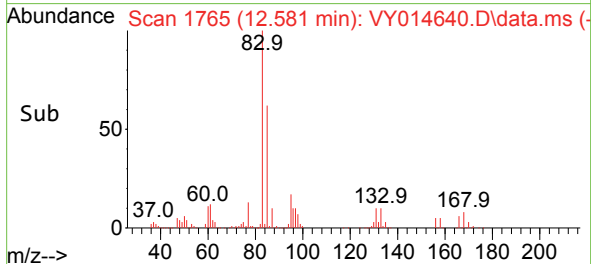
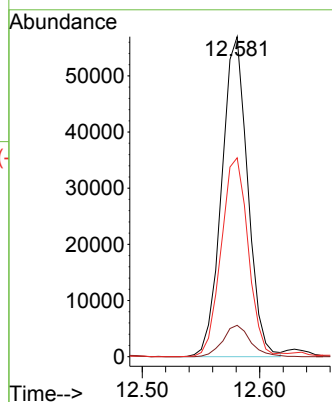
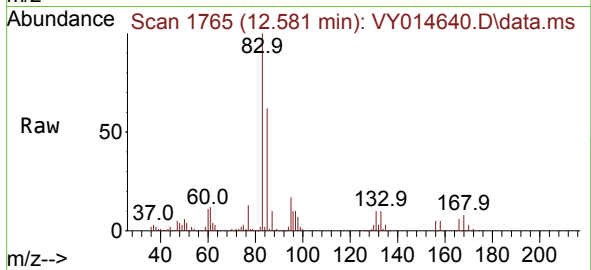




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.855 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY014640.D
 Acq: 14 Jul 2023 12:18

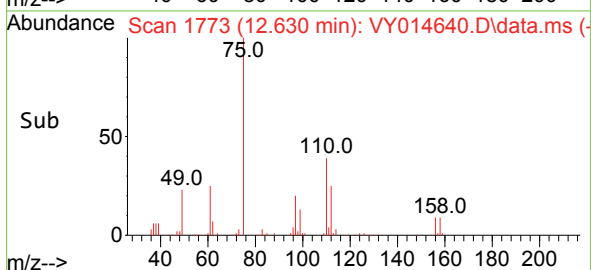
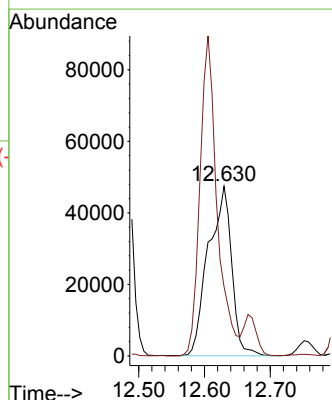
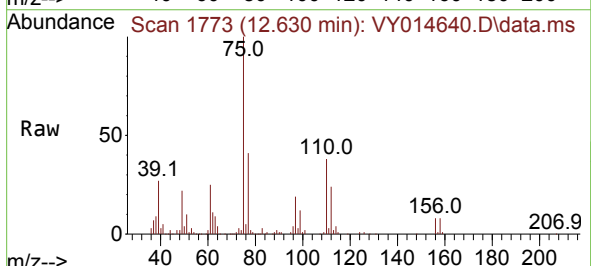
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

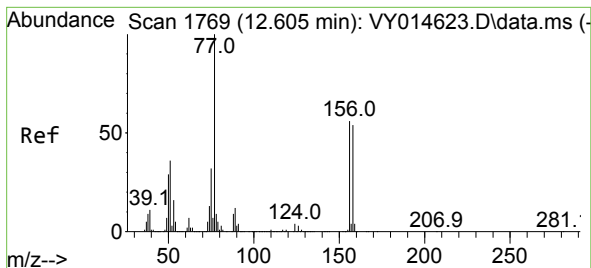
Tgt Ion: 83 Resp: 87588
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.4 16.2
 85 64.9 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 41.190 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY014640.D
 Acq: 14 Jul 2023 12:18

Tgt Ion: 75 Resp: 116762
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.236 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

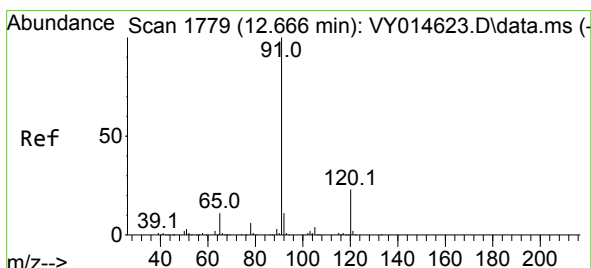
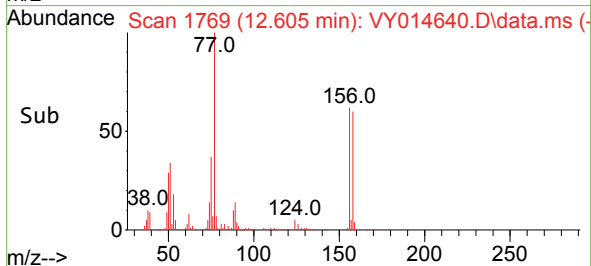
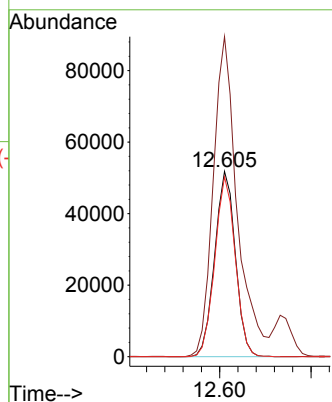
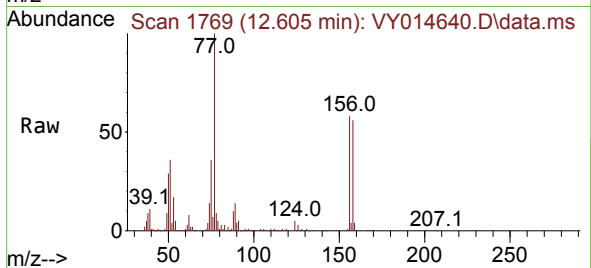
Tgt Ion:156 Resp: 81181

Ion Ratio Lower Upper

156 100

77 201.3 92.8 278.6

158 96.4 48.4 145.3



#78

n-propylbenzene

Concen: 19.614 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY014640.D

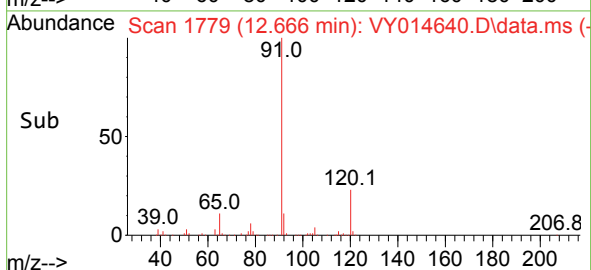
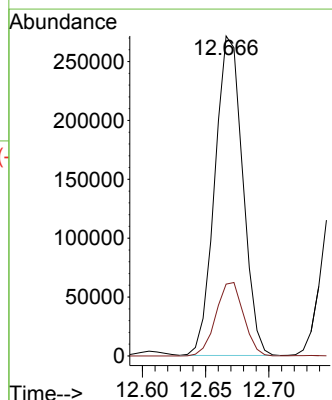
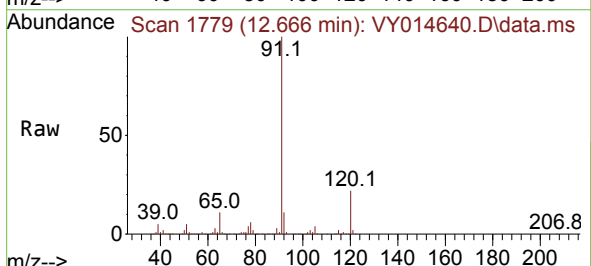
Acq: 14 Jul 2023 12:18

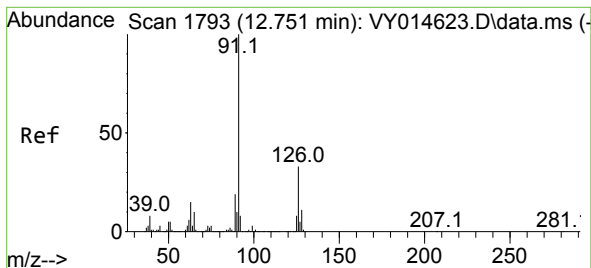
Tgt Ion: 91 Resp: 415379

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

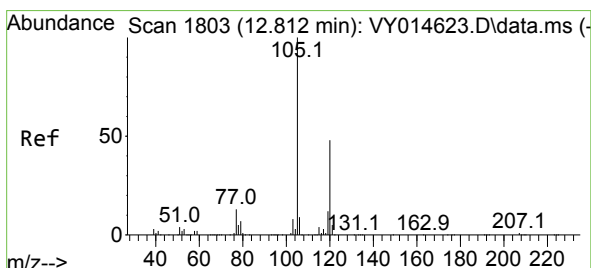
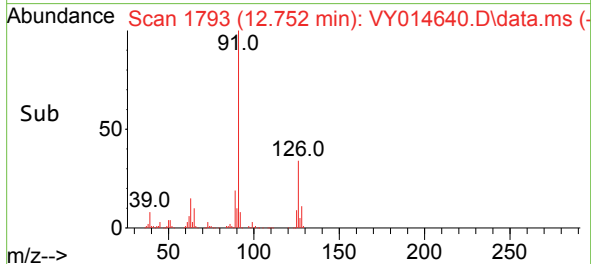
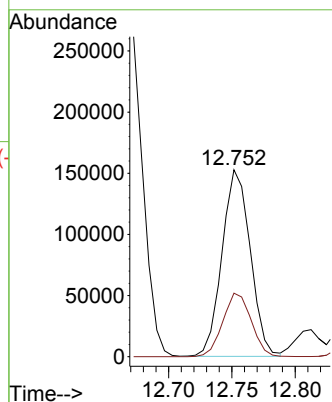
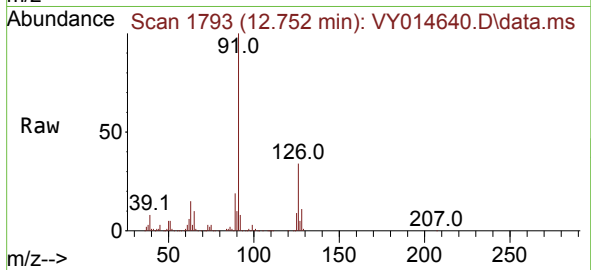




#79
2-Chlorotoluene
Concen: 19.439 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

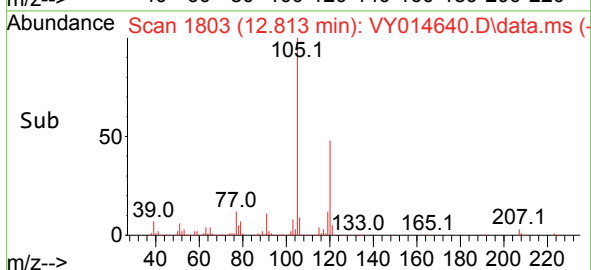
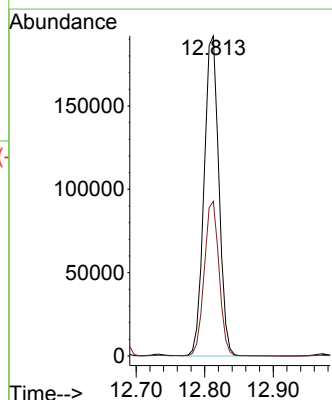
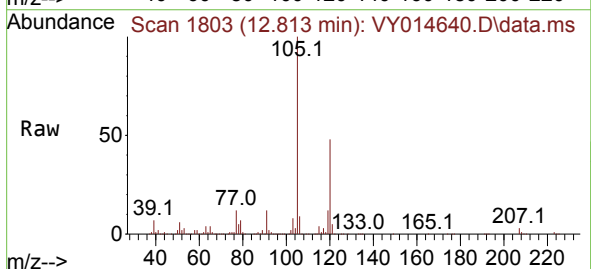
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

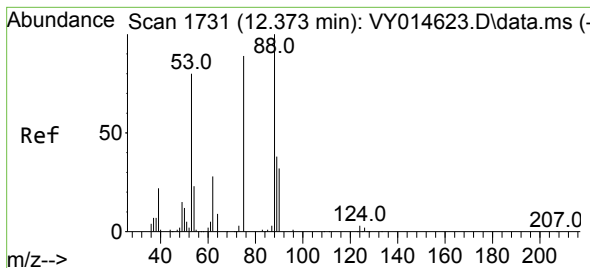
Tgt Ion: 91 Resp: 237110
Ion Ratio Lower Upper
91 100
126 34.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.704 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

Tgt Ion: 105 Resp: 289191
Ion Ratio Lower Upper
105 100
120 48.4 23.9 71.7

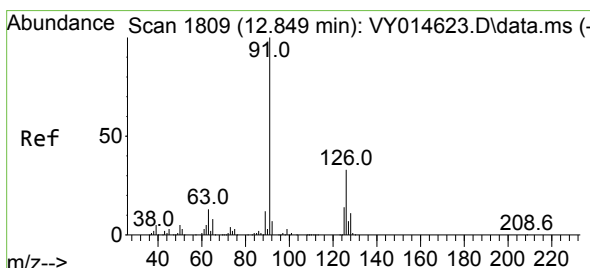
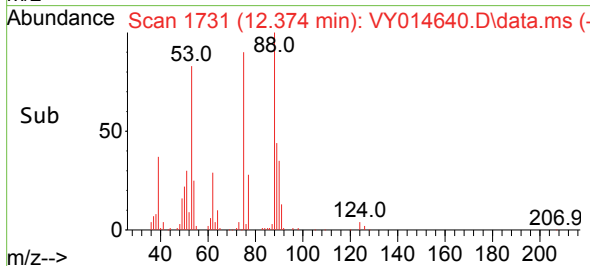
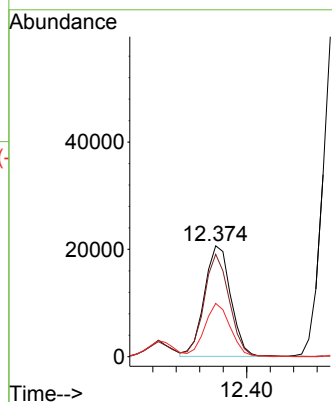
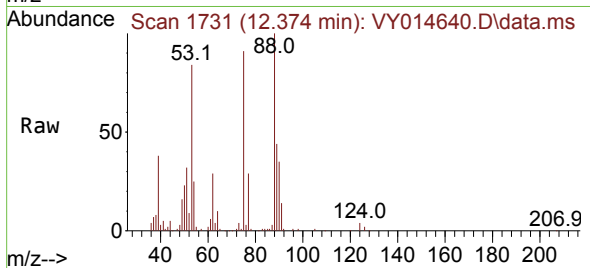




#81
trans-1,4-Dichloro-2-butene
Concen: 22.018 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.001 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

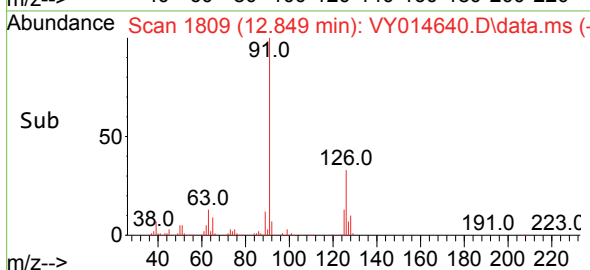
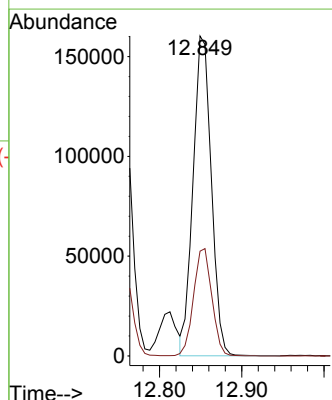
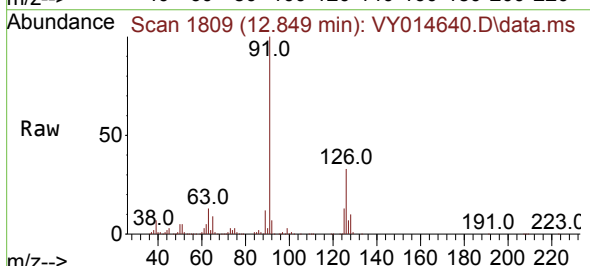
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

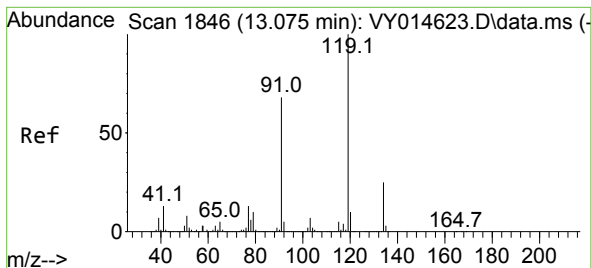
Tgt Ion: 75 Resp: 32236
Ion Ratio Lower Upper
75 100
53 88.4 77.8 116.8
89 46.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.662 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

Tgt Ion: 91 Resp: 247000
Ion Ratio Lower Upper
91 100
126 33.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.528 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

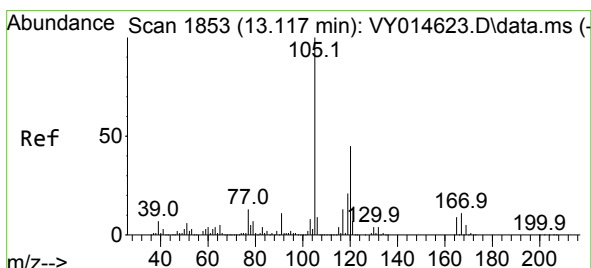
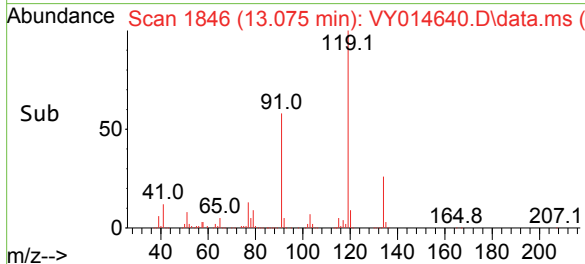
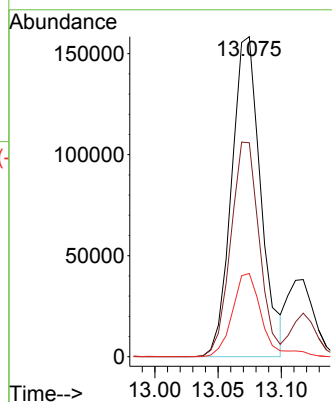
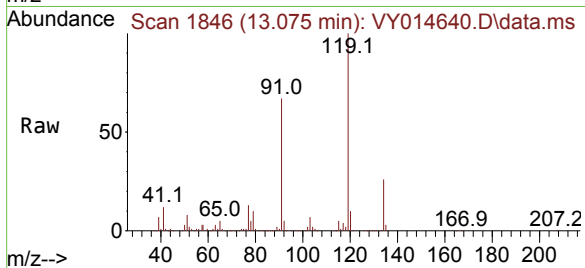
Tgt Ion:119 Resp: 254250

Ion Ratio Lower Upper

119 100

91 65.7 32.9 98.6

134 26.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.558 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014640.D

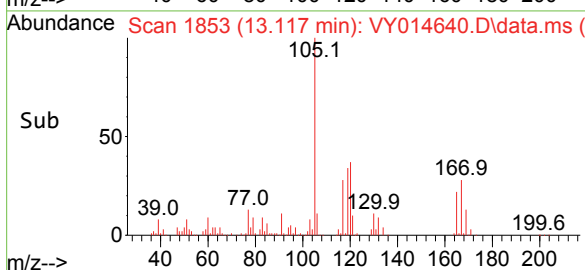
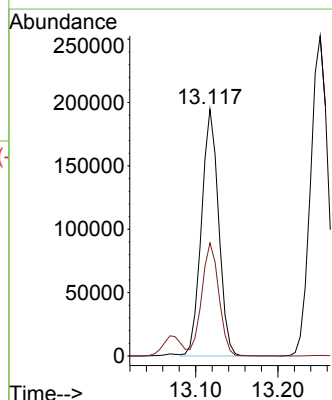
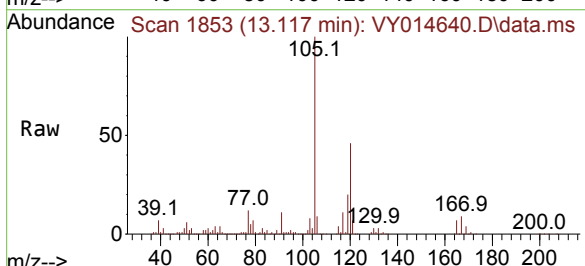
Acq: 14 Jul 2023 12:18

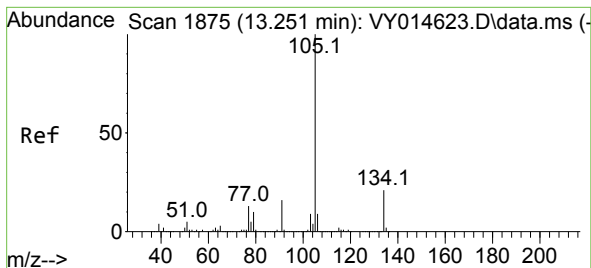
Tgt Ion:105 Resp: 281707

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.602 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

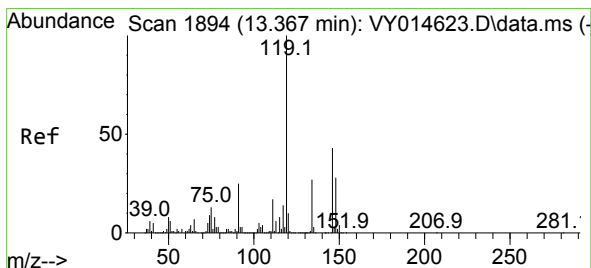
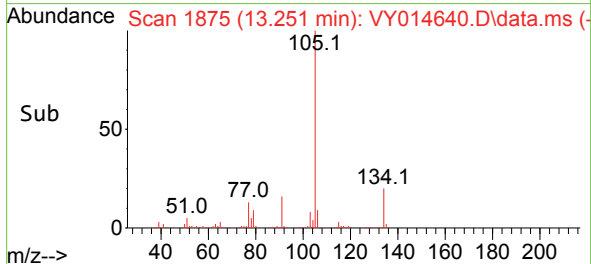
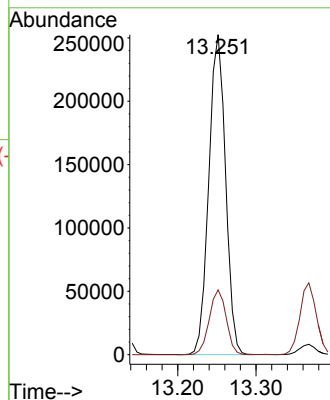
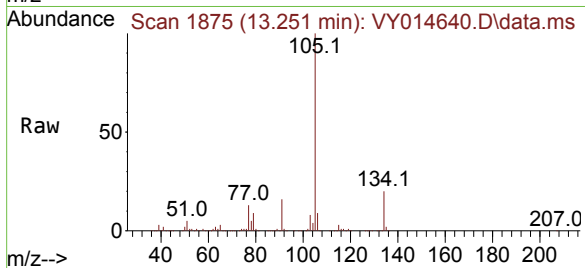
VY0714SBS01

Tgt Ion:105 Resp: 374371

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.015 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

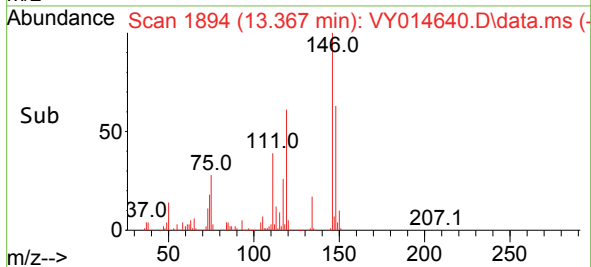
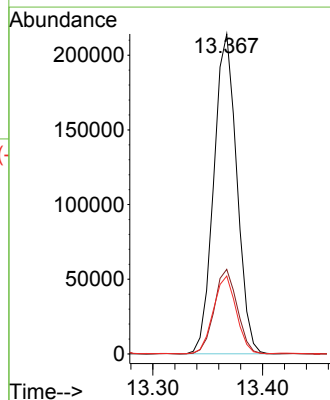
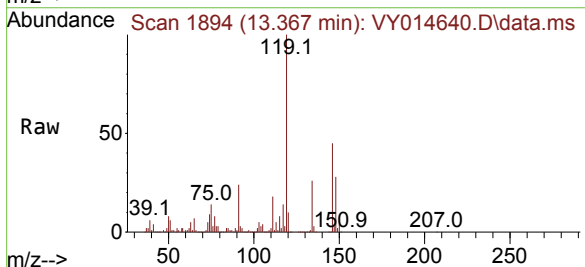
Tgt Ion:119 Resp: 312103

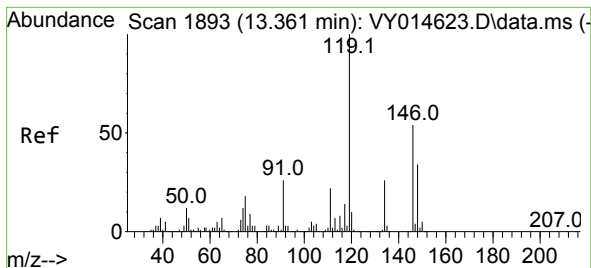
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 24.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.357 ug/l

RT: 13.361 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

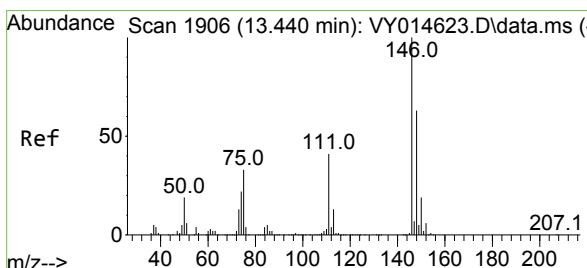
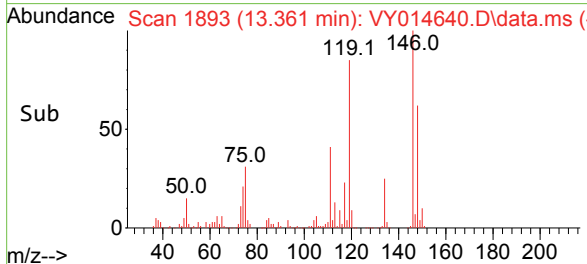
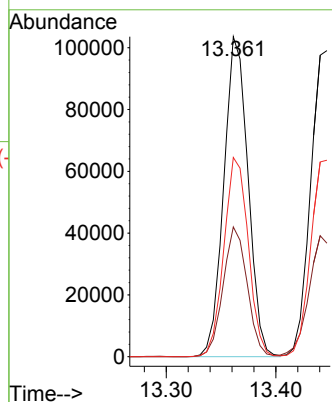
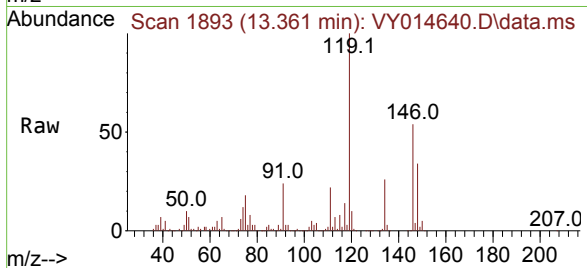
Tgt Ion:146 Resp: 158939

Ion Ratio Lower Upper

146 100

111 40.3 19.4 58.2

148 62.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.217 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.007 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

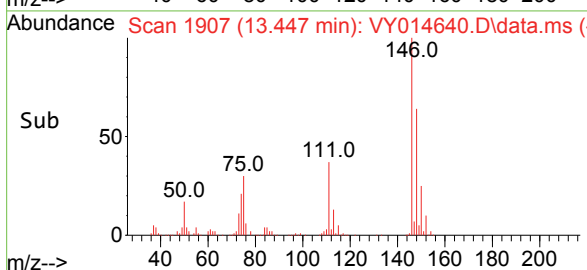
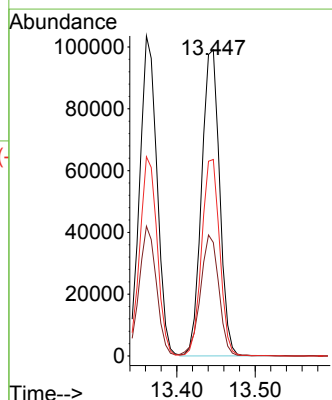
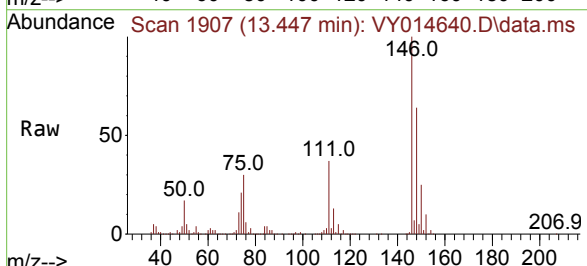
Tgt Ion:146 Resp: 158173

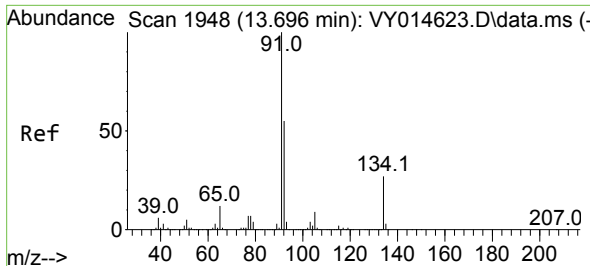
Ion Ratio Lower Upper

146 100

111 40.4 18.9 56.7

148 64.3 32.1 96.5

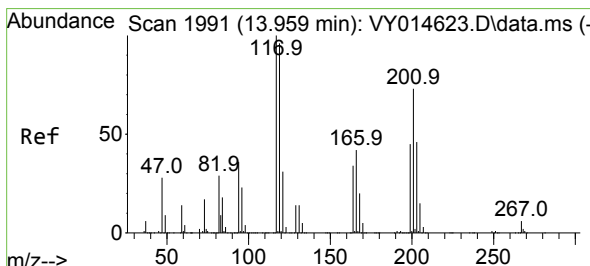
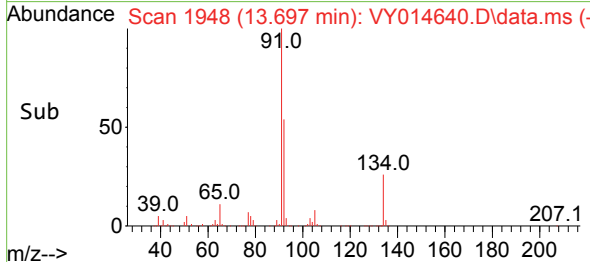
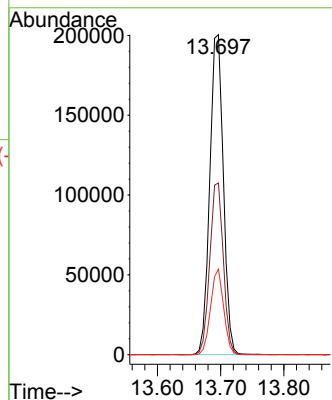
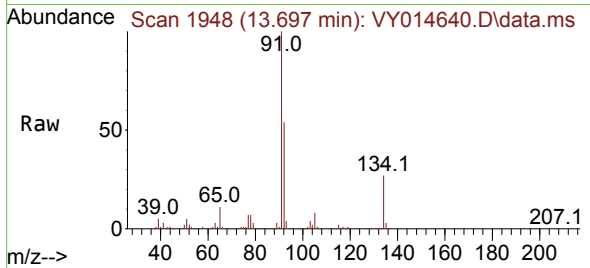




#89
n-Butylbenzene
Concen: 19.795 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

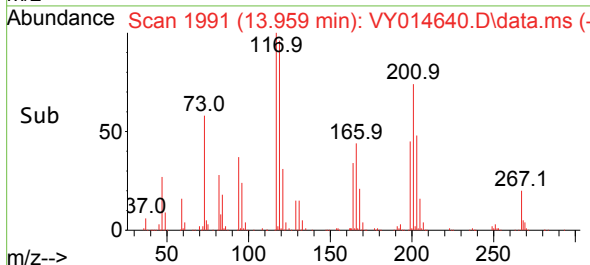
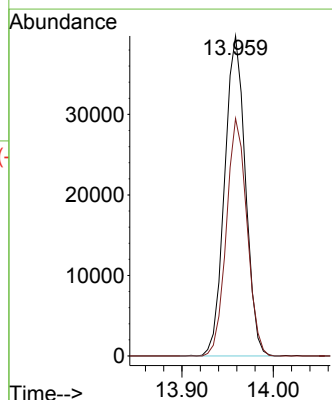
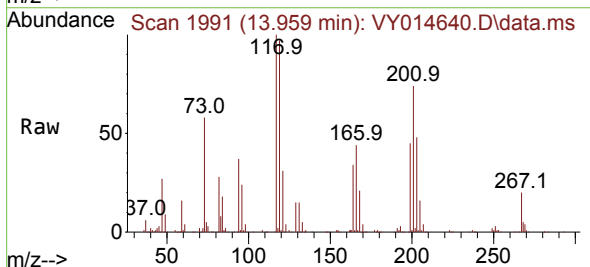
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

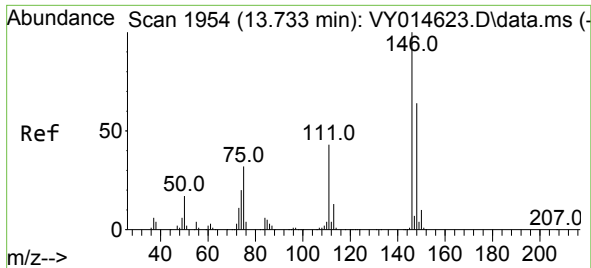
Tgt Ion: 91 Resp: 300308
Ion Ratio Lower Upper
91 100
92 53.7 25.4 76.0
134 25.6 12.6 37.6



#90
Hexachloroethane
Concen: 19.614 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

Tgt Ion: 117 Resp: 62821
Ion Ratio Lower Upper
117 100
201 73.5 41.6 124.8

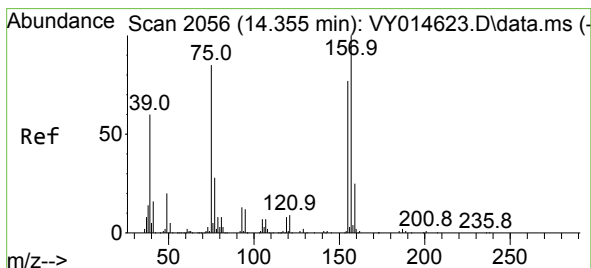
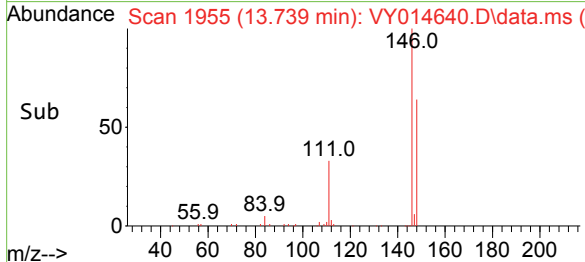
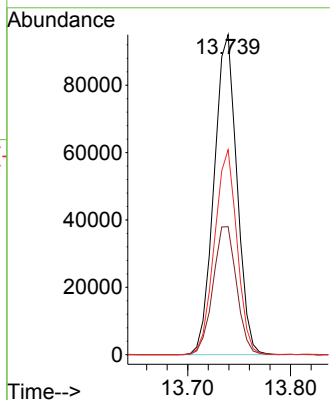
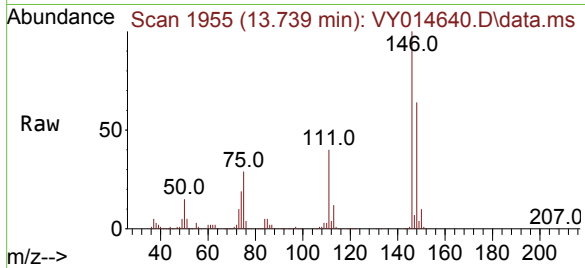




#91
1,2-Dichlorobenzene
Concen: 20.490 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

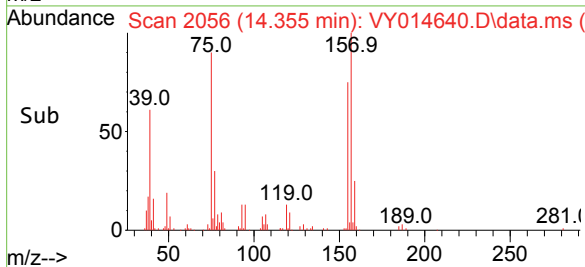
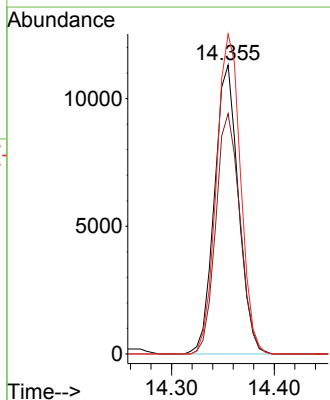
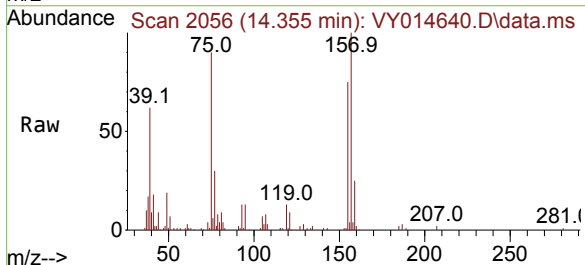
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

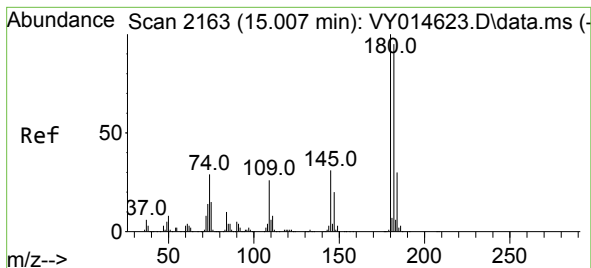
Tgt Ion:146 Resp: 146573
Ion Ratio Lower Upper
146 100
111 41.5 19.7 59.0
148 63.2 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.846 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014640.D
Acq: 14 Jul 2023 12:18

Tgt Ion: 75 Resp: 18276
Ion Ratio Lower Upper
75 100
155 84.0 41.5 124.6
157 111.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.402 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

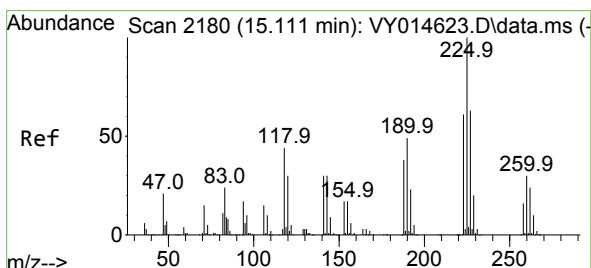
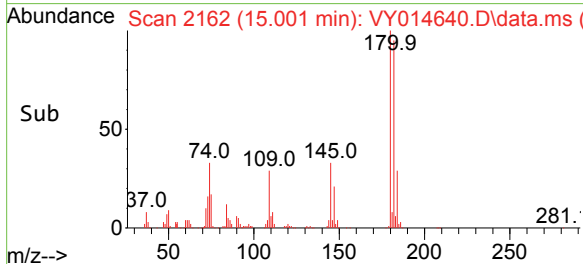
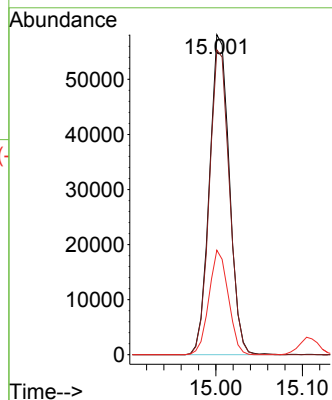
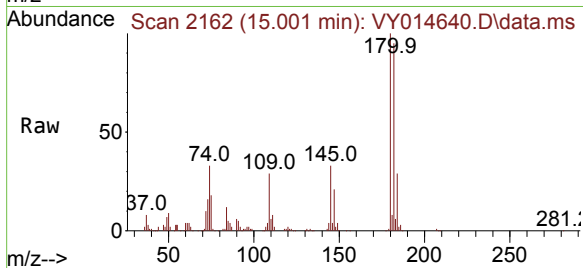
Tgt Ion:180 Resp: 92643

Ion Ratio Lower Upper

180 100

182 95.9 47.0 141.2

145 31.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.201 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

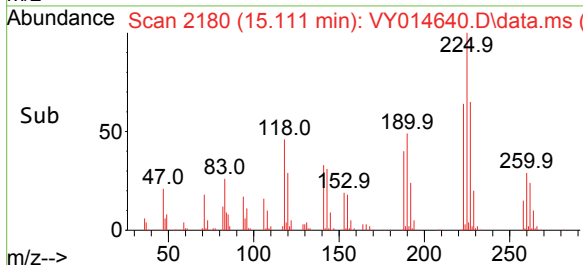
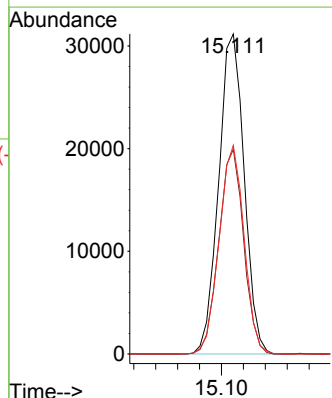
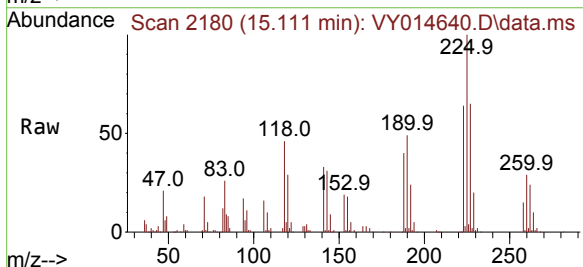
Tgt Ion:225 Resp: 50408

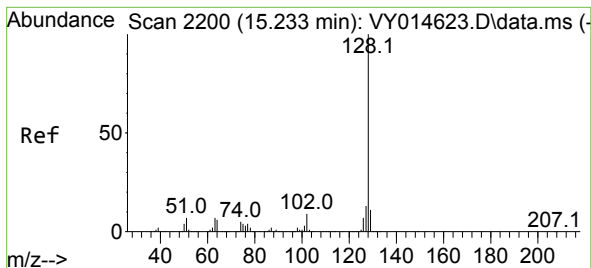
Ion Ratio Lower Upper

225 100

223 62.2 31.9 95.9

227 63.7 33.0 98.9





#95

Naphthalene

Concen: 22.673 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

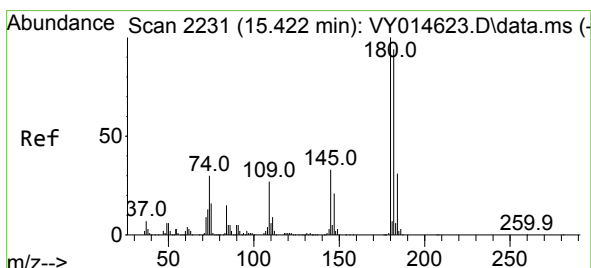
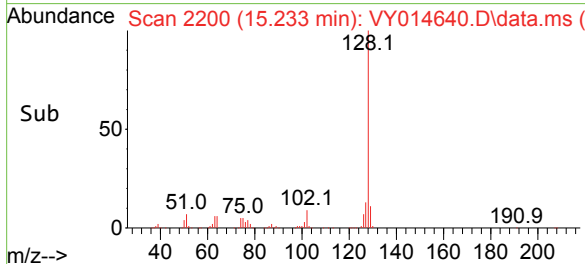
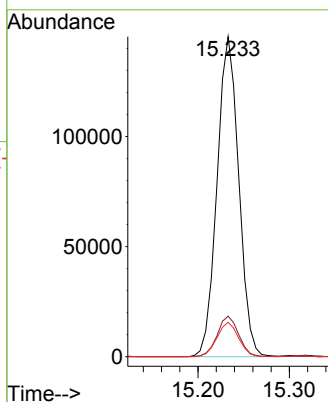
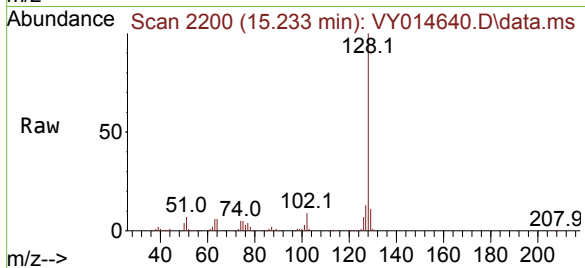
Tgt Ion:128 Resp: 239861

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.733 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014640.D

Acq: 14 Jul 2023 12:18

Tgt Ion:180 Resp: 83672

Ion Ratio Lower Upper

180 100

182 95.6 47.3 141.8

145 34.0 15.4 46.2

