

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014731.D
 Acq On : 20 Jul 2023 19:12
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 21 01:35:12 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	7.789	168	251472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	439413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	396661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	194310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	154460	53.901	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.800%	
35) Dibromofluoromethane	7.716	113	142415	50.913	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.820%	
50) Toluene-d8	10.179	98	503317	48.806	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.620%	
62) 4-Bromofluorobenzene	12.477	95	190446	48.162	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	88361	43.129	ug/l	97
3) Chloromethane	2.113	50	133182	57.829	ug/l	100
4) Vinyl Chloride	2.247	62	153909	59.797	ug/l	97
5) Bromomethane	2.637	94	108922	64.036	ug/l	99
6) Chloroethane	2.784	64	103059	64.101	ug/l	100
7) Trichlorofluoromethane	3.119	101	225350	52.130	ug/l	98
8) Diethyl Ether	3.528	74	91795	57.073	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	132048	49.837	ug/l	95
10) Methyl Iodide	4.082	142	153000	54.260	ug/l	97
11) Tert butyl alcohol	4.954	59	173345	300.063	ug/l #	85
12) 1,1-Dichloroethene	3.863	96	128618	51.938	ug/l	93
13) Acrolein	3.729	56	7686	25.662	ug/l	96
14) Allyl chloride	4.472	41	200252	45.544	ug/l	95
15) Acrylonitrile	5.155	53	281044	316.875	ug/l	98
16) Acetone	3.942	43	238114	262.217	ug/l	93
17) Carbon Disulfide	4.186	76	340041	47.962	ug/l	98
18) Methyl Acetate	4.472	43	370221	106.239	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	480126	59.686	ug/l	99
20) Methylene Chloride	4.710	84	159529	54.454	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	148698	52.912	ug/l	94
22) Diisopropyl ether	6.119	45	483835	54.124	ug/l #	88
23) Vinyl Acetate	6.058	43	632957	118.320	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	280159	54.773	ug/l	98
25) 2-Butanone	6.978	43	396904	298.758	ug/l	94
26) 2,2-Dichloropropane	6.978	77	129753	26.617	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	182924	55.921	ug/l	90
28) Bromochloromethane	7.332	49	126797	57.559	ug/l	90
29) Tetrahydrofuran	7.344	42	266797	326.142	ug/l	91
30) Chloroform	7.502	83	295571	56.037	ug/l	97
31) Cyclohexane	7.783	56	206124	43.331	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	253557	53.412	ug/l	97
36) 1,1-Dichloropropene	7.917	75	199945	47.798	ug/l	98
37) Ethyl Acetate	7.070	43	146642	50.916	ug/l #	95
38) Carbon Tetrachloride	7.899	117	222048	50.215	ug/l	99
39) Methylcyclohexane	9.179	83	241592	44.330	ug/l	94
40) Benzene	8.155	78	608188	51.121	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	240525	162.365	ug/l #	28
42) 1,2-Dichloroethane	8.234	62	207072	54.963	ug/l	94
43) Isopropyl Acetate	8.271	43	282362	51.467	ug/l	95
44) Trichloroethene	8.935	130	175958	52.861	ug/l	97
45) 1,2-Dichloropropane	9.216	63	161265	51.911	ug/l	100
46) Dibromomethane	9.301	93	105814	56.146	ug/l	97
47) Bromodichloromethane	9.496	83	241329	54.331	ug/l	99
48) Methyl methacrylate	9.289	41	141104	57.158	ug/l	92
49) 1,4-Dioxane	9.295	88	39661	1290.619	ug/l #	49
51) 4-Methyl-2-Pentanone	10.069	43	878128	304.849	ug/l	93
52) Toluene	10.240	92	394711	51.848	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	215984	44.454	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	230156	43.560	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	151212	57.600	ug/l	99
56) Ethyl methacrylate	10.508	69	223648	55.797	ug/l	91
57) 1,3-Dichloropropane	10.788	76	251703	55.589	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	523002	280.038	ug/l	93
59) 2-Hexanone	10.831	43	615650	293.077	ug/l	91
60) Dibromochloromethane	10.984	129	183622	57.049	ug/l	99
61) 1,2-Dibromoethane	11.087	107	152896	58.382	ug/l	98
64) Tetrachloroethene	10.715	164	192293	60.276	ug/l	97
65) Chlorobenzene	11.514	112	440713	52.139	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	172044	53.982	ug/l	99
67) Ethyl Benzene	11.593	91	764637	50.102	ug/l	99
68) m/p-Xylenes	11.697	106	577492	99.128	ug/l	97
69) o-Xylene	12.026	106	290156	51.135	ug/l	98
70) Styrene	12.038	104	494588	51.716	ug/l	98
71) Bromoform	12.203	173	128217	59.352	ug/l #	98
73) Isopropylbenzene	12.325	105	741637	48.745	ug/l	99
74) N-amyl acetate	12.142	43	133753	26.249	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	193422	55.748	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	231189	94.206	ug/l #	100
77) Bromobenzene	12.605	156	184191	53.035	ug/l	98
78) n-propylbenzene	12.666	91	866807	47.279	ug/l	99
79) 2-Chlorotoluene	12.751	91	515729	48.838	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	619068	48.721	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	43554	34.362	ug/l	94
82) 4-Chlorotoluene	12.849	91	522851	48.076	ug/l	100
83) tert-Butylbenzene	13.075	119	545733	48.418	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	609241	48.857	ug/l	99
85) sec-Butylbenzene	13.251	105	781231	47.249	ug/l	100
86) p-Isopropyltoluene	13.367	119	630173	46.680	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	347231	51.371	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	348158	51.401	ug/l	99
89) n-Butylbenzene	13.696	91	573809	43.689	ug/l	96
90) Hexachloroethane	13.959	117	136000	49.047	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	327514	52.886	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	38607	58.185	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	194048	49.361	ug/l	98
94) Hexachlorobutadiene	15.111	225	94731	43.851	ug/l	99
95) Naphthalene	15.233	128	530507	57.924	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	181943	52.076	ug/l	99

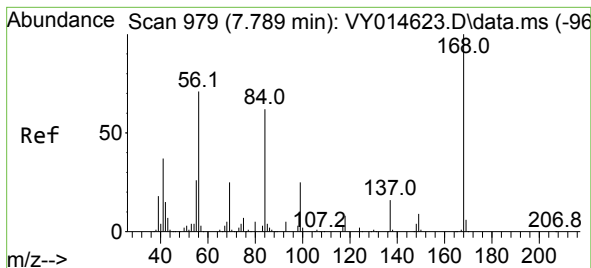
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

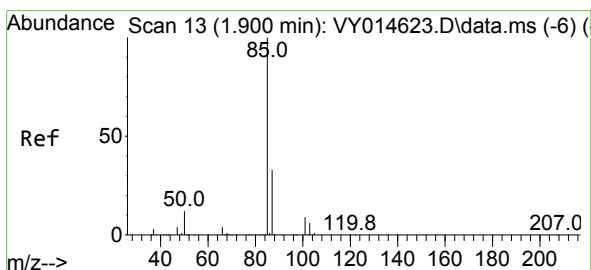
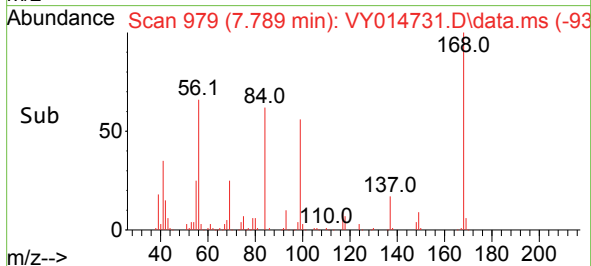
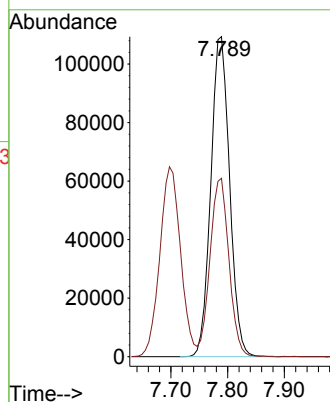
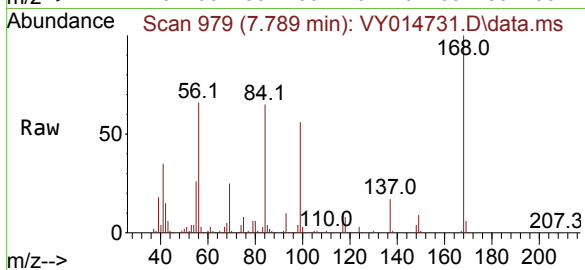
VSTDCCC050EC

Tgt Ion:168 Resp: 251472

Ion Ratio Lower Upper

168 100

99 55.7 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 43.129 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY014731.D

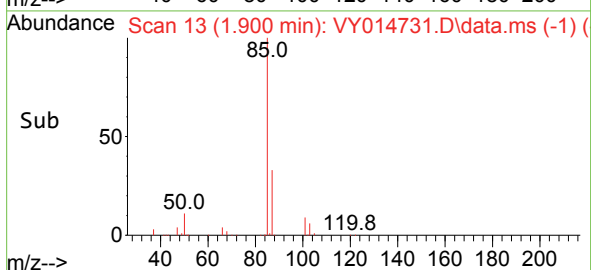
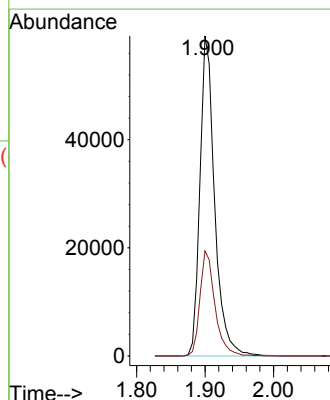
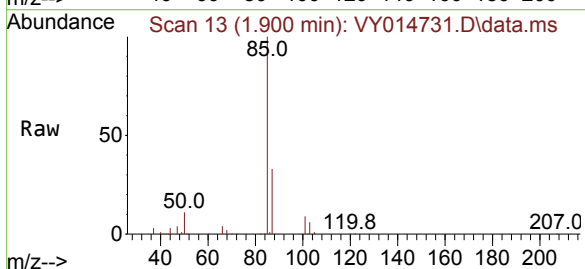
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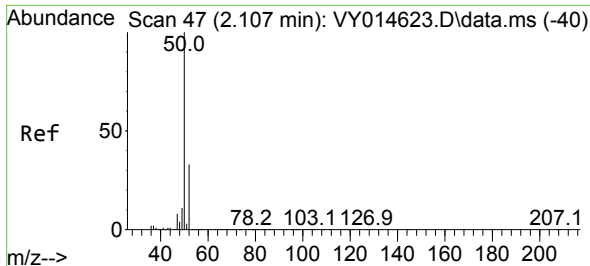
Tgt Ion: 85 Resp: 88361

Ion Ratio Lower Upper

85 100

87 32.8 15.6 46.8

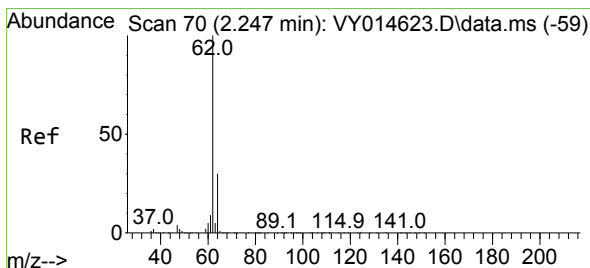
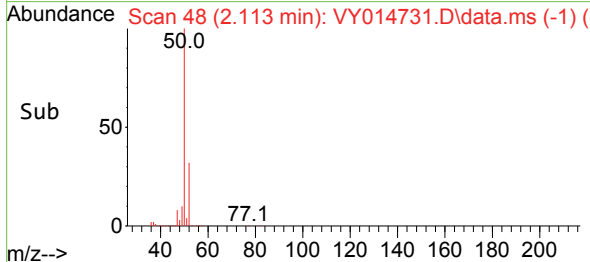
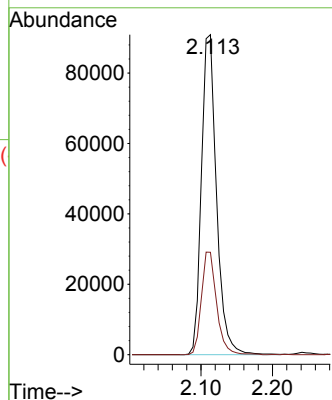
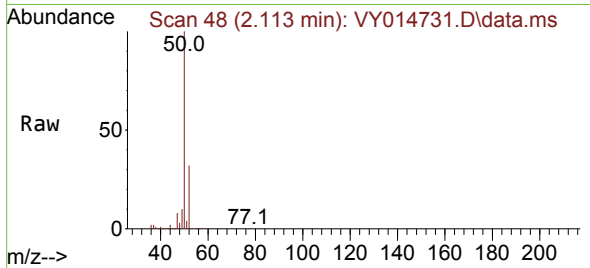




#3
Chloromethane
Concen: 57.829 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

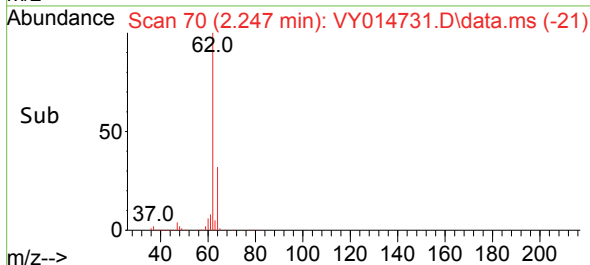
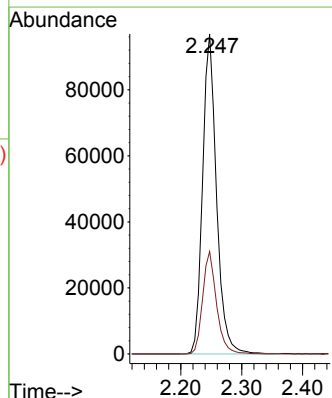
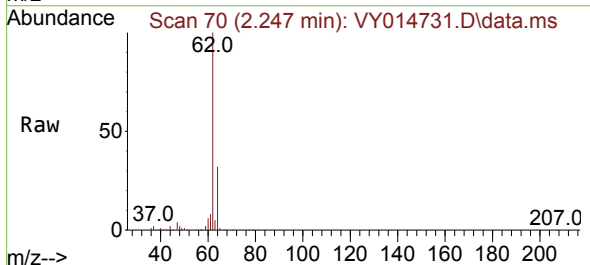
Instrument :
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ClientSampleId :
VSTDCCC050EC

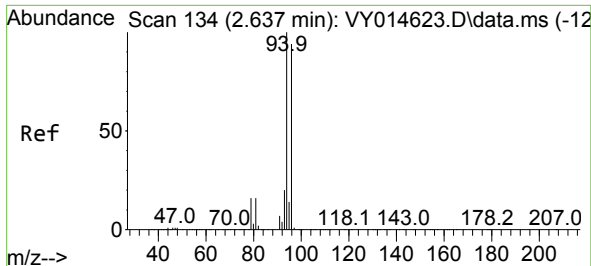
Tgt Ion: 50 Resp: 133182
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.2



#4
Vinyl Chloride
Concen: 59.797 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

Tgt Ion: 62 Resp: 153909
Ion Ratio Lower Upper
62 100
64 32.0 24.3 36.5

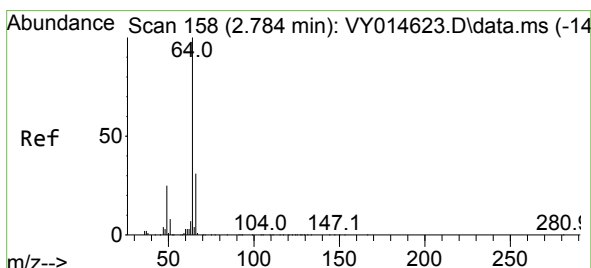
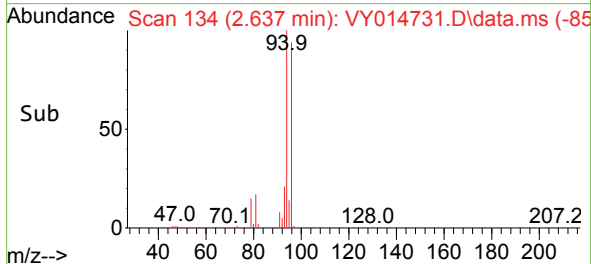
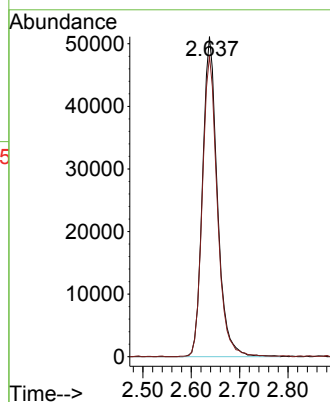
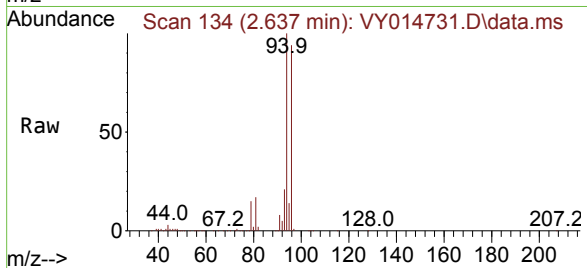




#5
Bromomethane
Concen: 64.036 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

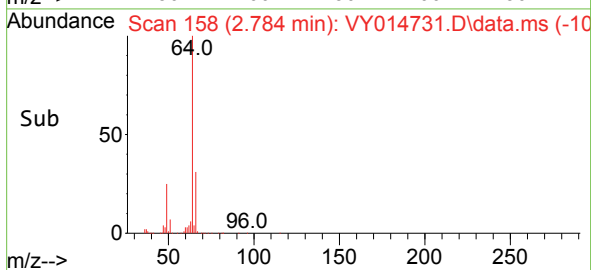
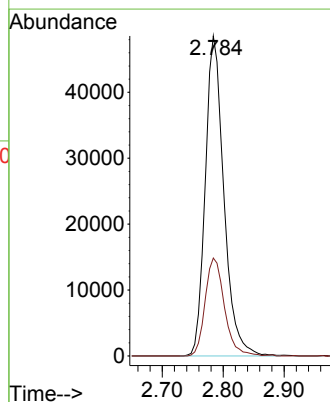
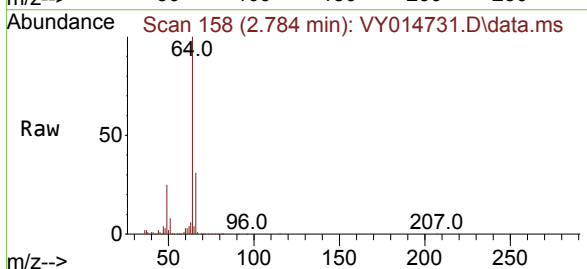
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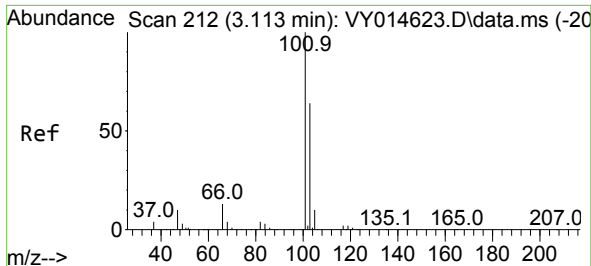
Tgt Ion: 94 Resp: 108922
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.6



#6
Chloroethane
Concen: 64.101 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

Tgt Ion: 64 Resp: 103059
Ion Ratio Lower Upper
64 100
66 30.6 24.4 36.6

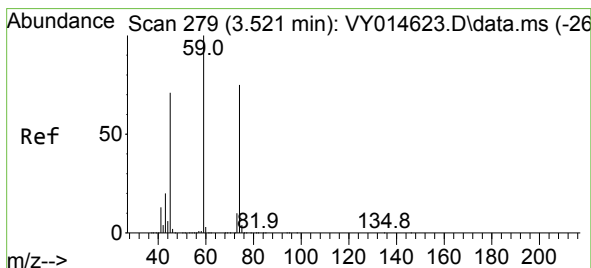
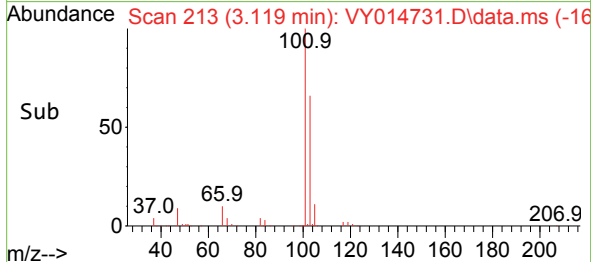
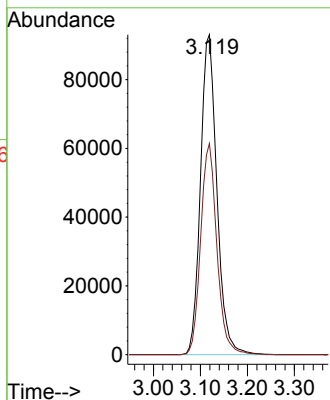
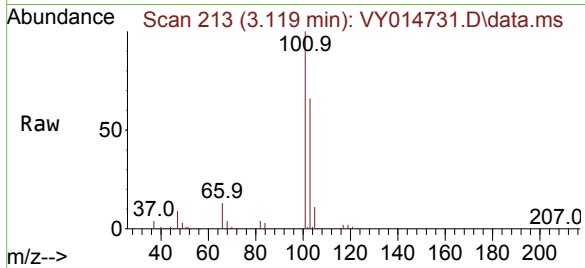




#7
 Trichlorofluoromethane
 Concen: 52.130 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY014731.D
 Acq: 20 Jul 2023 19:12

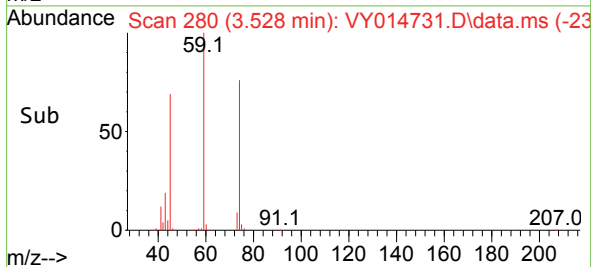
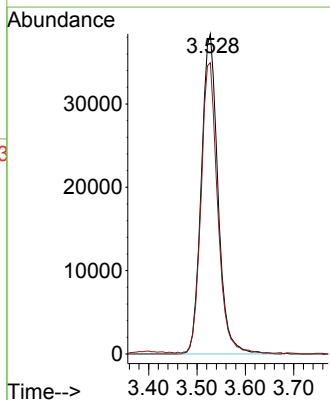
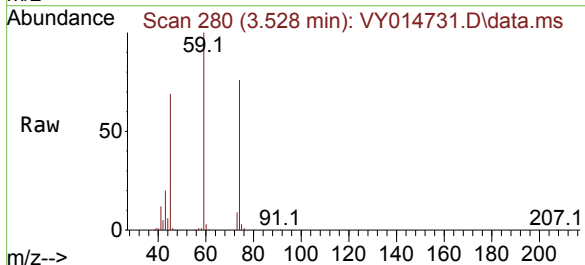
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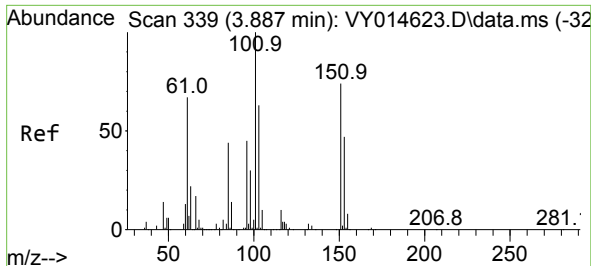
Tgt Ion:101 Resp: 225350
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 57.073 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.007 min
 Lab File: VY014731.D
 Acq: 20 Jul 2023 19:12

Tgt Ion: 74 Resp: 91795
 Ion Ratio Lower Upper
 74 100
 45 90.1 51.5 154.5

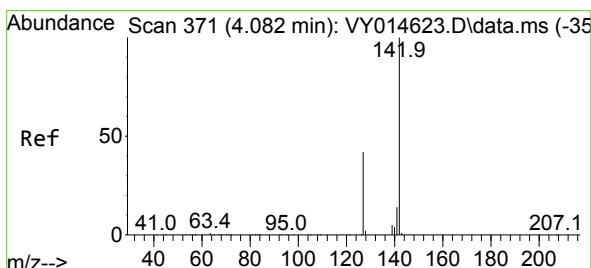
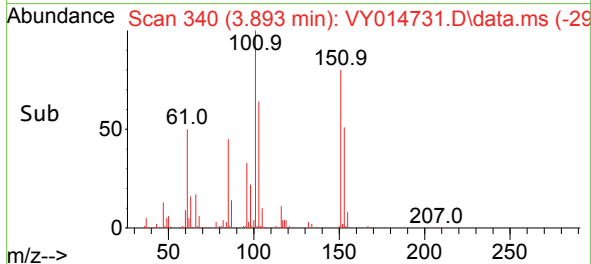
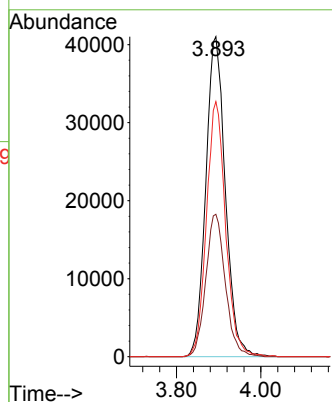
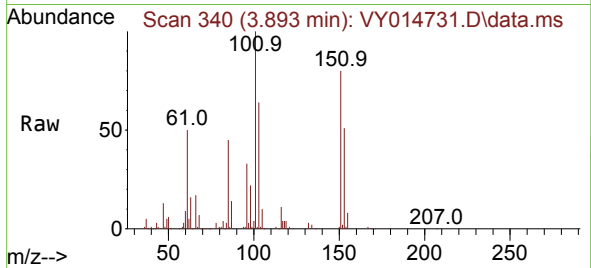




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.837 ug/l
RT: 3.893 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY014731.D
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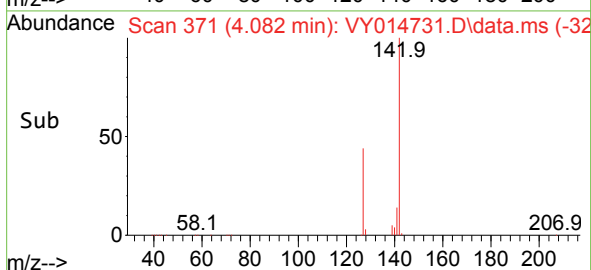
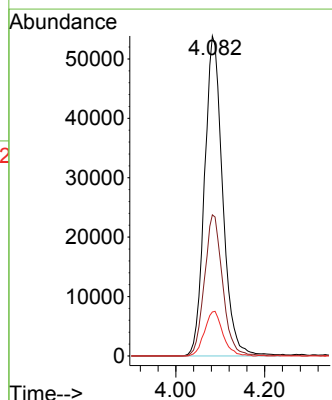
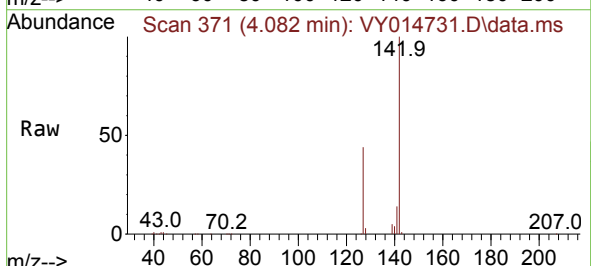
Instrument :
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ClientSampleId :
VSTDCCC050EC

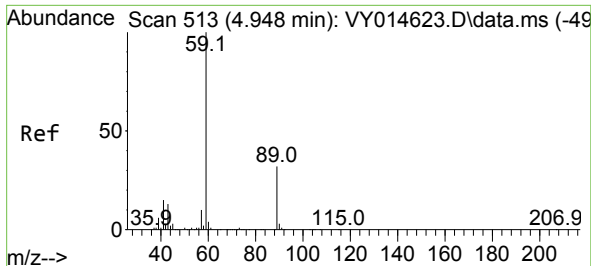
Tgt Ion:101 Resp: 132048
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 78.2 67.0 100.6



#10
Methyl Iodide
Concen: 54.260 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

Tgt Ion:142 Resp: 153000
Ion Ratio Lower Upper
142 100
127 44.3 37.6 56.4
141 14.2 11.8 17.8

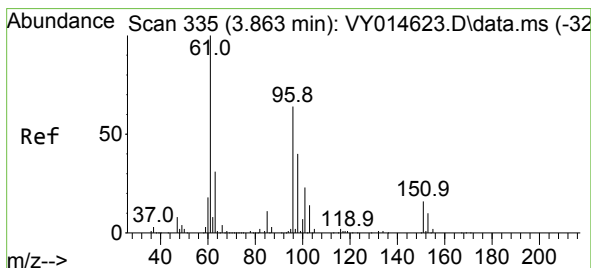
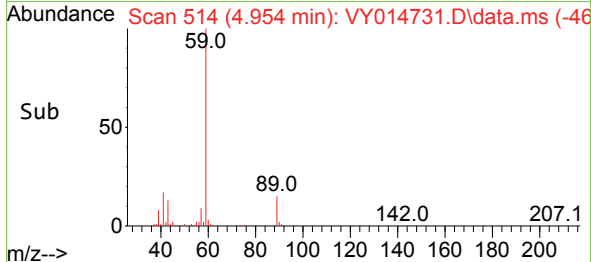
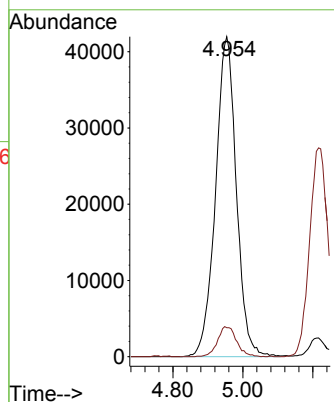
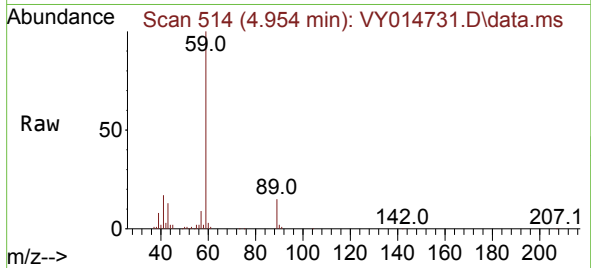




#11
Tert butyl alcohol
Concen: 300.063 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

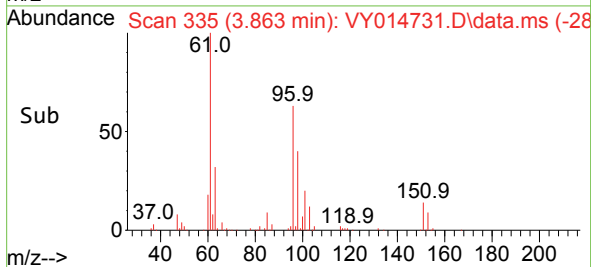
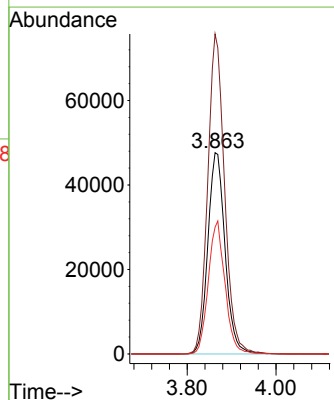
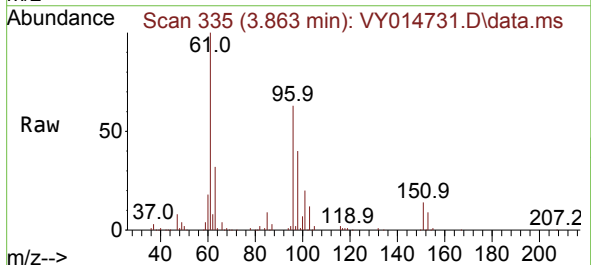
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

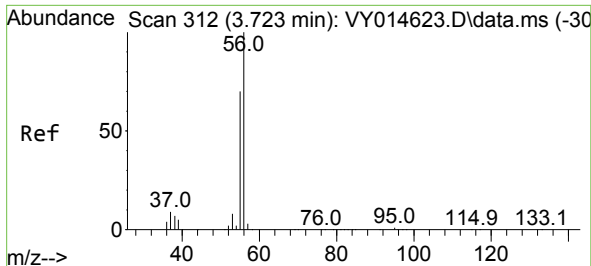
Tgt Ion: 59 Resp: 173345
Ion Ratio Lower Upper
59 100
57 8.6 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 51.938 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

Tgt Ion: 96 Resp: 128618
Ion Ratio Lower Upper
96 100
61 159.0 136.4 204.6
98 63.0 49.4 74.2

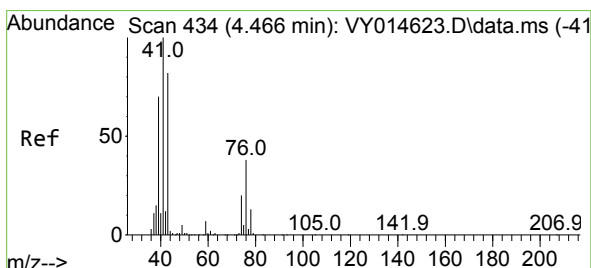
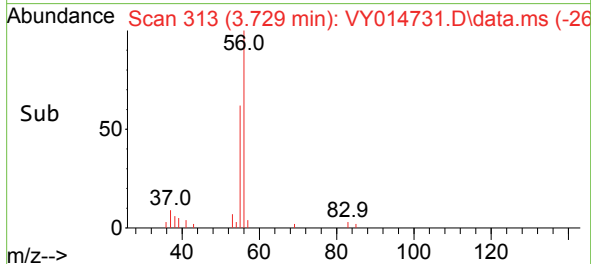
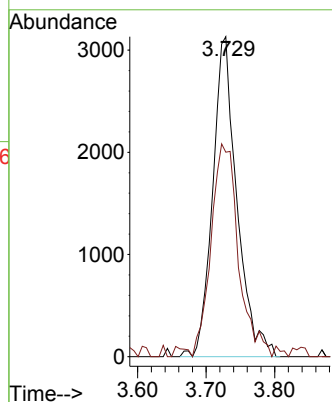
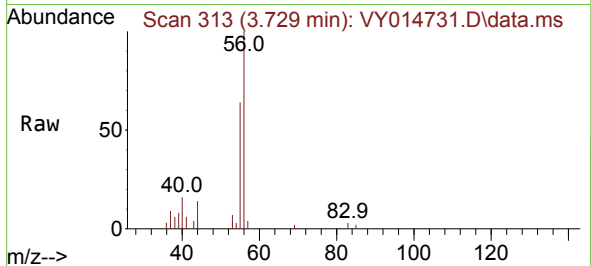




#13
Acrolein
Concen: 25.662 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

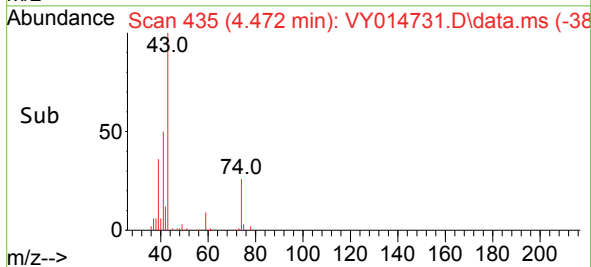
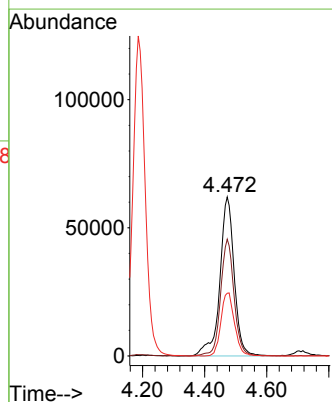
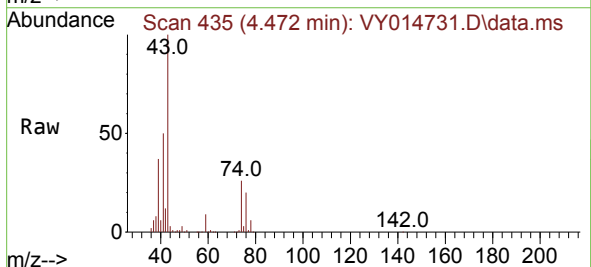
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

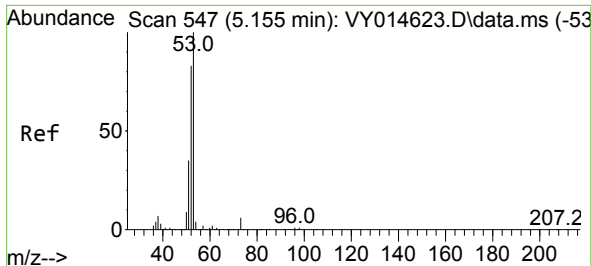
Tgt Ion: 56 Resp: 7686
Ion Ratio Lower Upper
56 100
55 74.9 57.0 85.4



#14
Allyl chloride
Concen: 45.544 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

Tgt Ion: 41 Resp: 200252
Ion Ratio Lower Upper
41 100
39 68.6 58.0 87.0
76 37.3 27.4 41.2

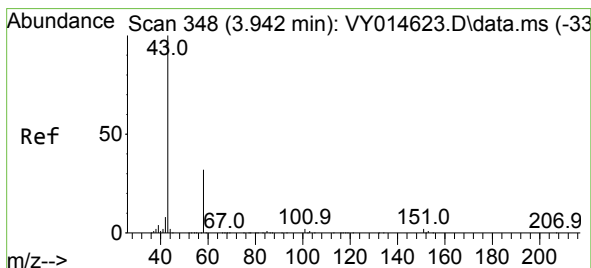
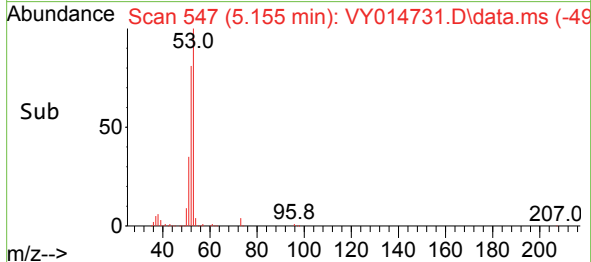
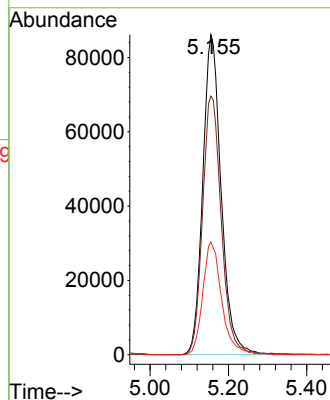
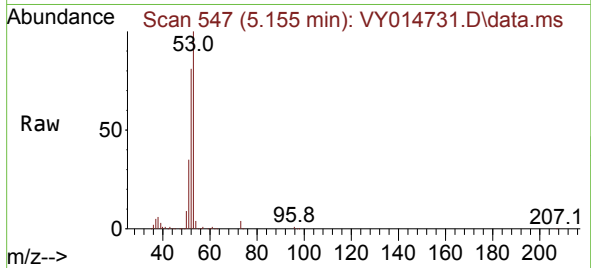




#15
Acrylonitrile
Concen: 316.875 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

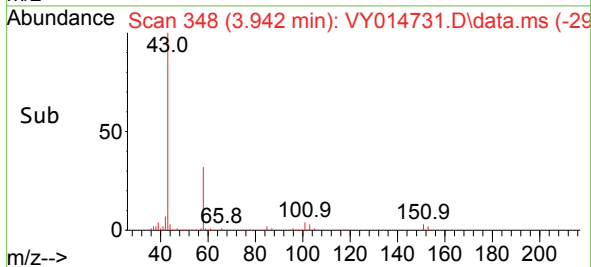
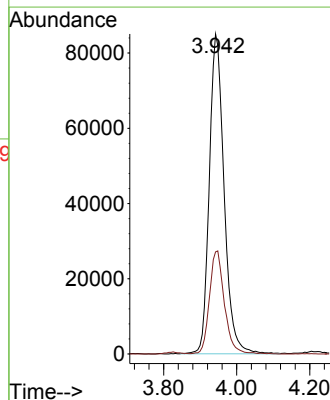
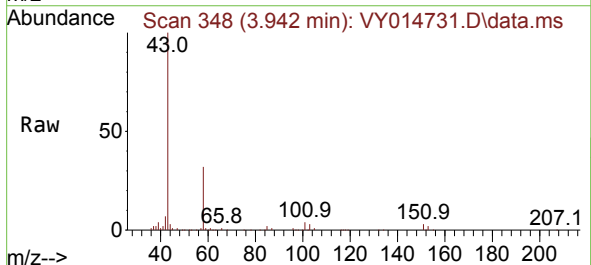
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

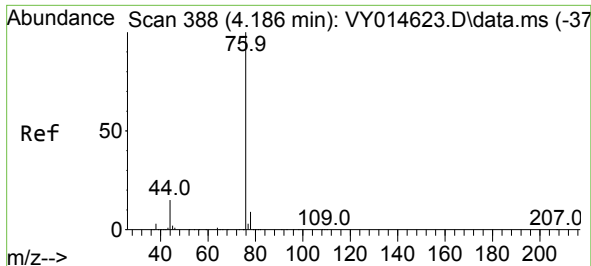
Tgt Ion: 53 Resp: 281044
Ion Ratio Lower Upper
53 100
52 82.1 66.9 100.3
51 36.2 29.8 44.6



#16
Acetone
Concen: 262.217 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

Tgt Ion: 43 Resp: 238114
Ion Ratio Lower Upper
43 100
58 31.9 22.7 34.1

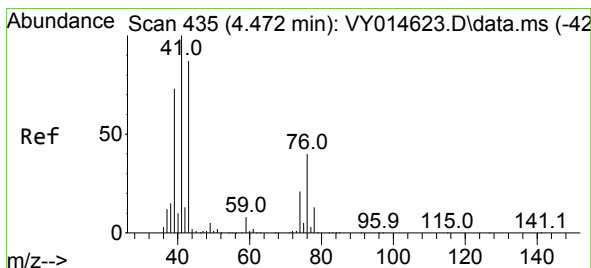
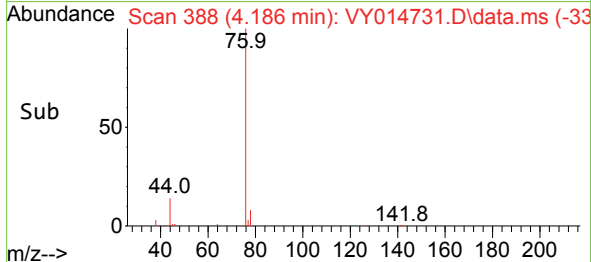
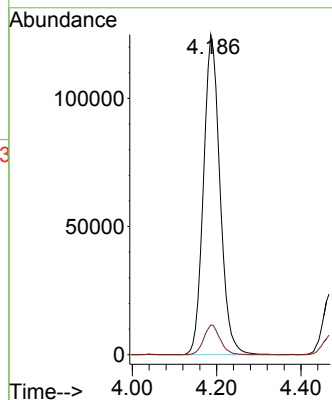
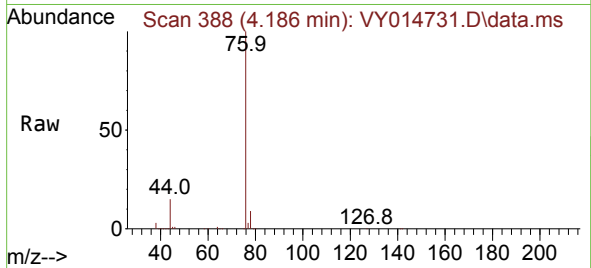




#17
Carbon Disulfide
Concen: 47.962 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

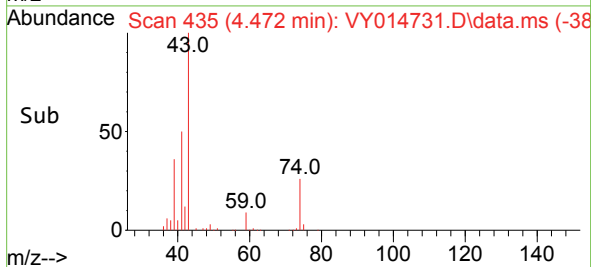
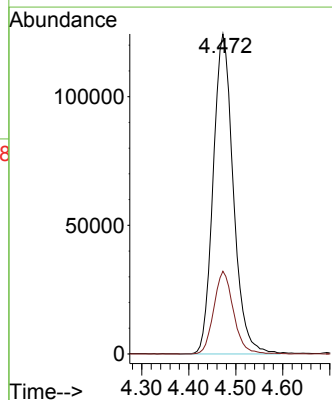
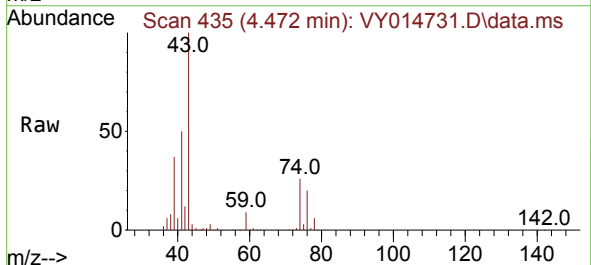
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

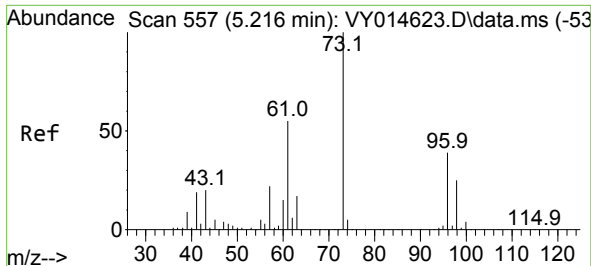
Tgt Ion: 76 Resp: 340041
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 106.239 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

Tgt Ion: 43 Resp: 370221
Ion Ratio Lower Upper
43 100
74 25.3 17.4 26.0

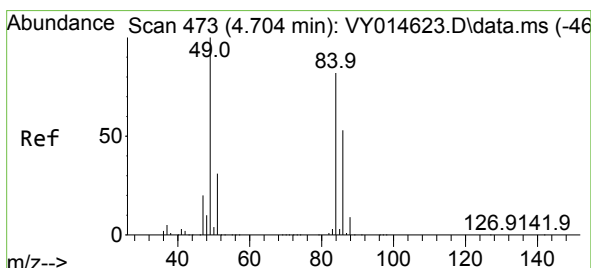
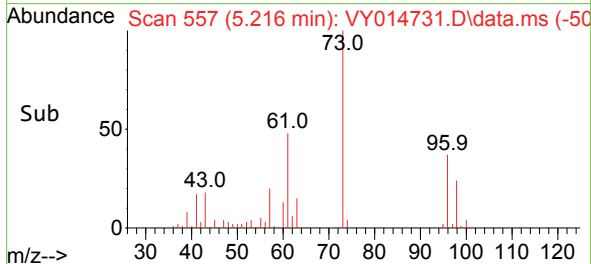
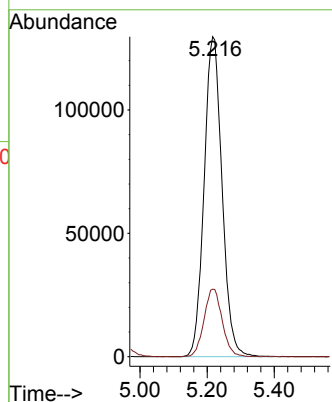
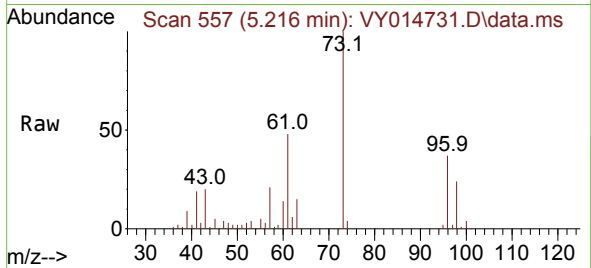




#19
Methyl tert-butyl Ether
Concen: 59.686 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

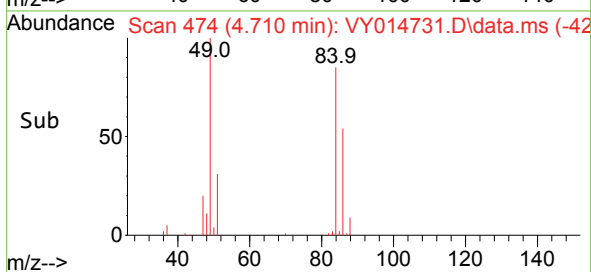
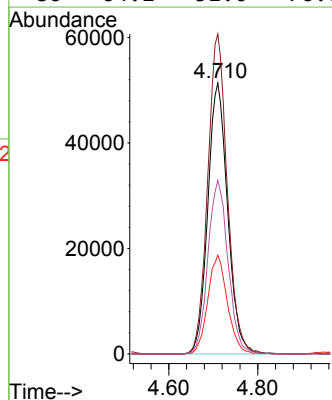
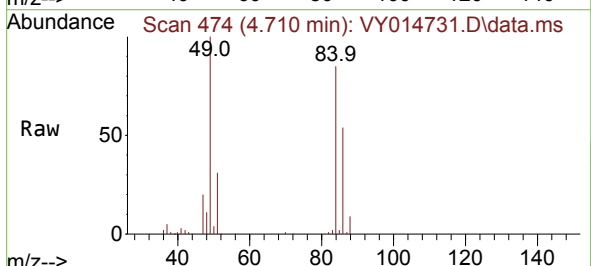
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

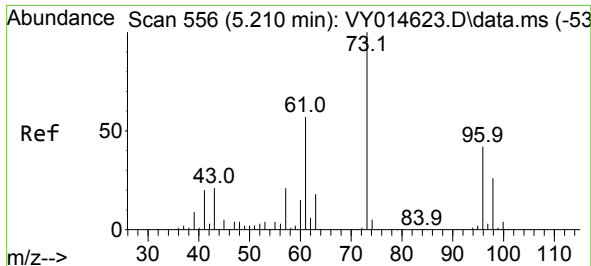
Tgt Ion: 73 Resp: 480126
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 54.454 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

Tgt Ion: 84 Resp: 159529
Ion Ratio Lower Upper
84 100
49 118.1 106.9 160.3
51 36.4 33.2 49.8
86 64.1 51.0 76.6

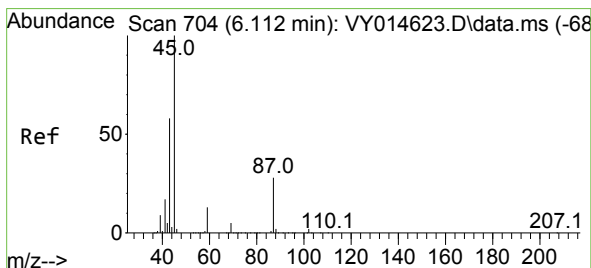
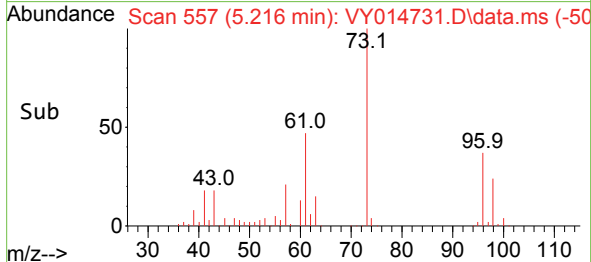
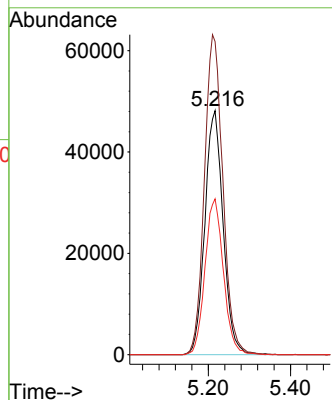
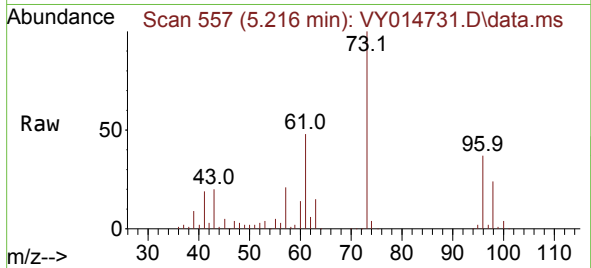




#21
trans-1,2-Dichloroethene
Concen: 52.912 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

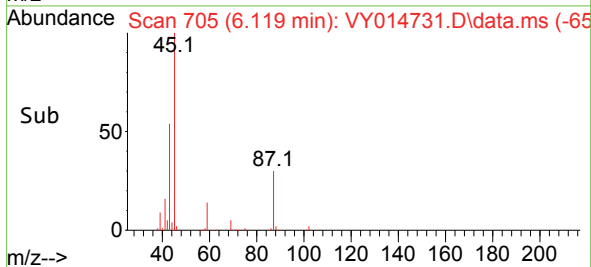
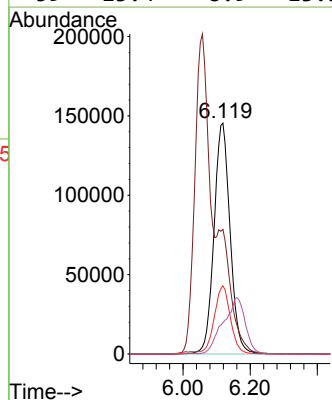
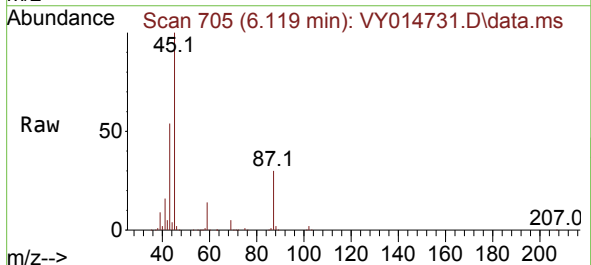
Instrument :
MSVOA_Y
ClientSampleId :
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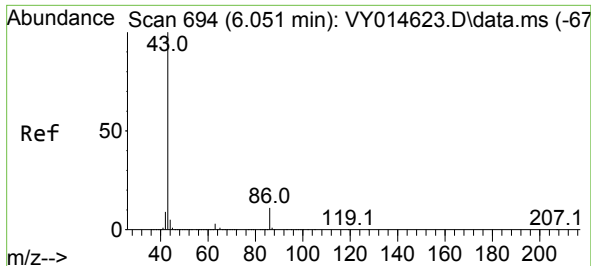
Tgt Ion: 96 Resp: 148698
Ion Ratio Lower Upper
96 100
61 128.3 110.2 165.4
98 63.9 51.8 77.6



#22
Diisopropyl ether
Concen: 54.124 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.007 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

Tgt Ion: 45 Resp: 483835
Ion Ratio Lower Upper
45 100
43 53.8 52.2 78.4
87 29.5 21.0 31.6
59 13.4 8.9 13.3#

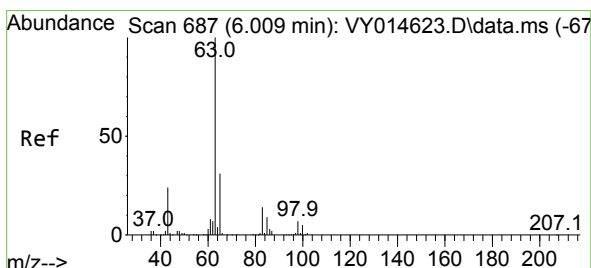
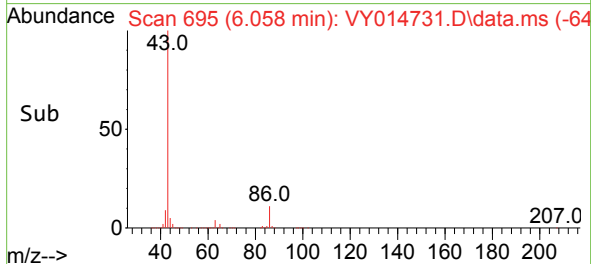
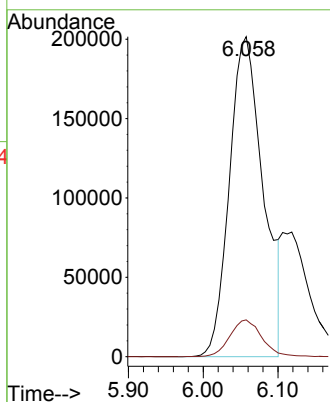
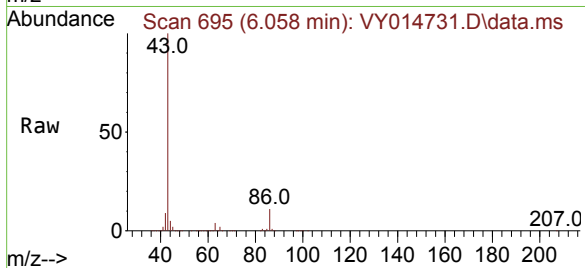




#23
 Vinyl Acetate
 Concen: 118.320 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: VY014731.D
 Acq: 20 Jul 2023 19:12

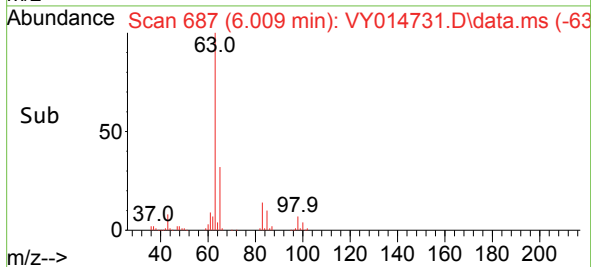
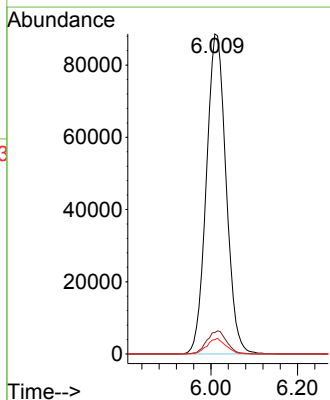
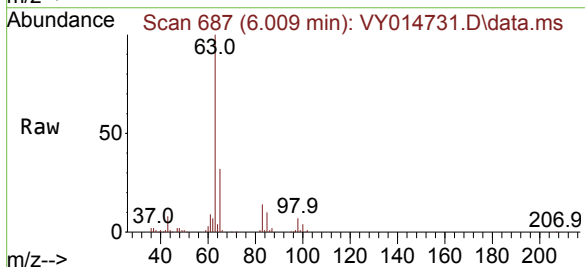
Instrument :
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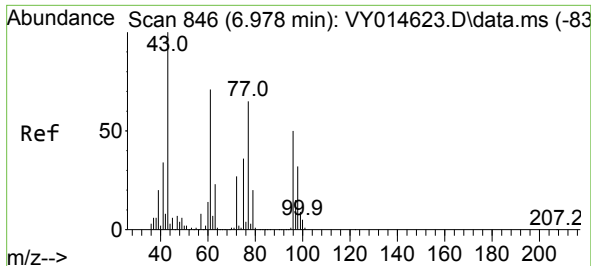
Tgt Ion: 43 Resp: 632957
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 54.773 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014731.D
 Acq: 20 Jul 2023 19:12

Tgt Ion: 63 Resp: 280159
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.4
 100 4.5 1.8 5.5

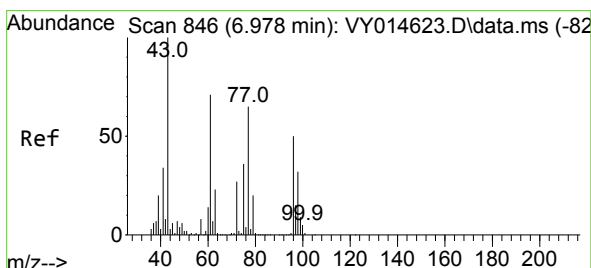
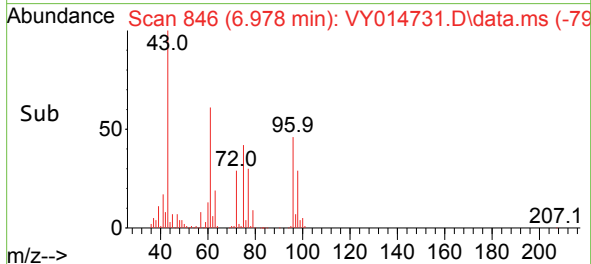
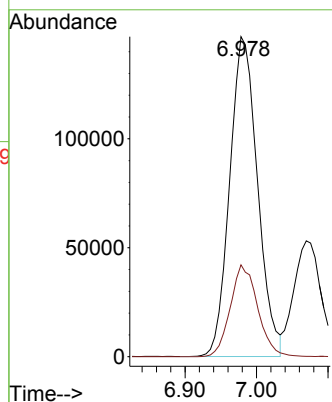
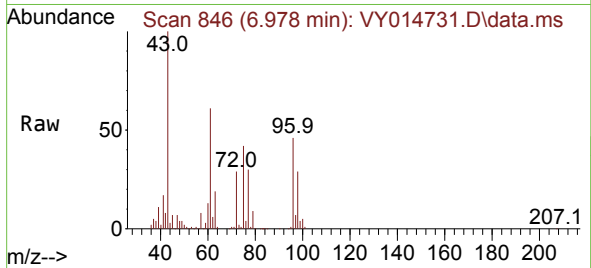




#25
2-Butanone
Concen: 298.758 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

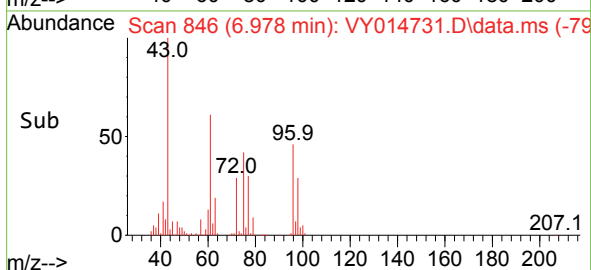
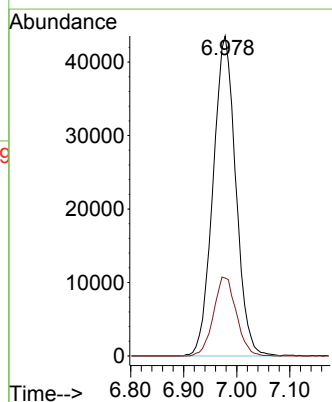
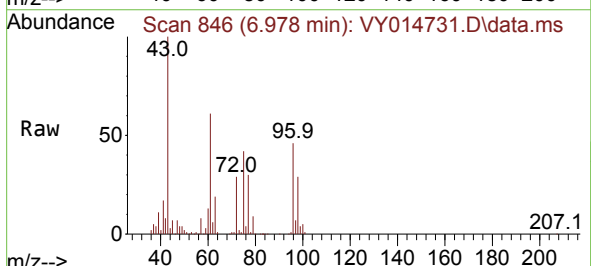
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

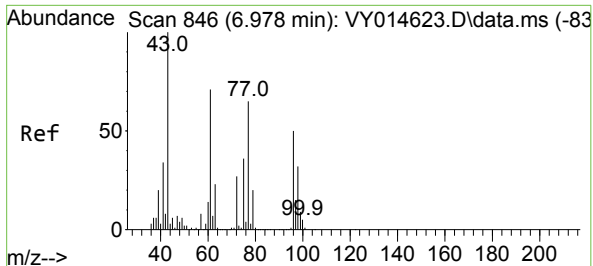
Tgt Ion: 43 Resp: 396904
Ion Ratio Lower Upper
43 100
72 28.7 20.5 30.7



#26
2,2-Dichloropropane
Concen: 26.617 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

Tgt Ion: 77 Resp: 129753
Ion Ratio Lower Upper
77 100
97 24.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 55.921 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

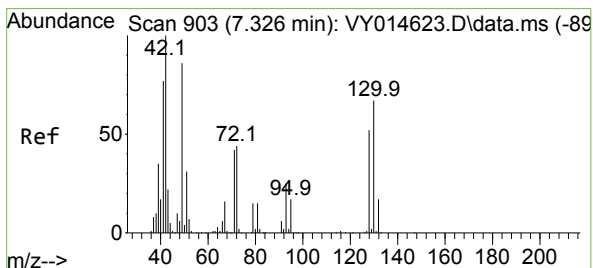
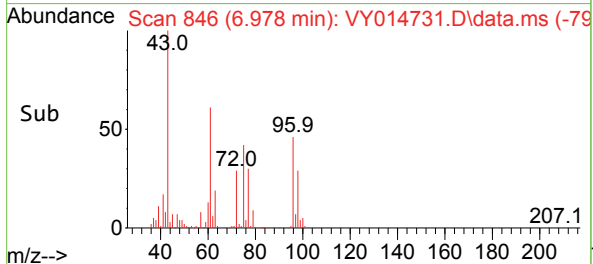
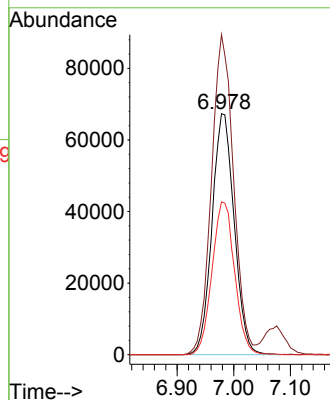
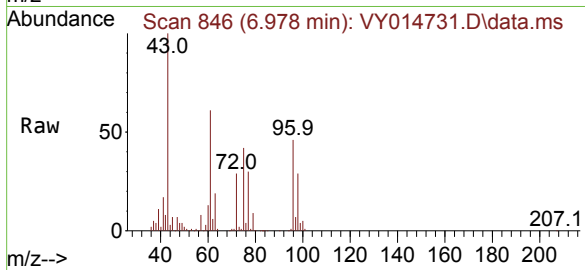
Tgt Ion: 96 Resp: 182924

Ion Ratio Lower Upper

96 100

61 132.8 0.0 301.4

98 64.5 0.0 130.4



#28

Bromochloromethane

Concen: 57.559 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

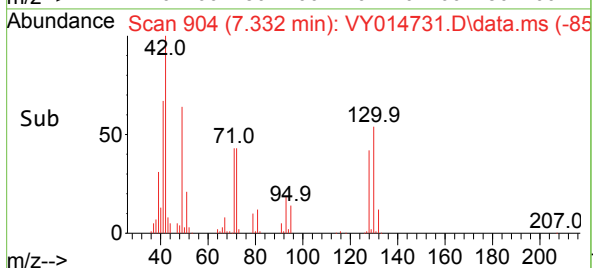
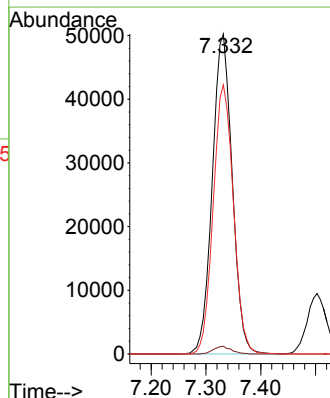
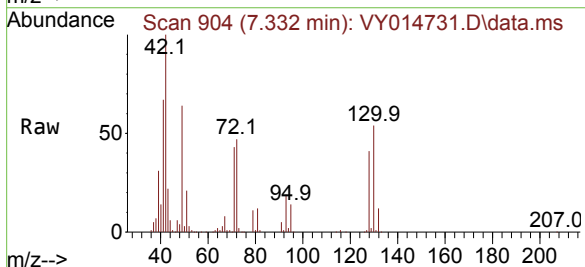
Tgt Ion: 49 Resp: 126797

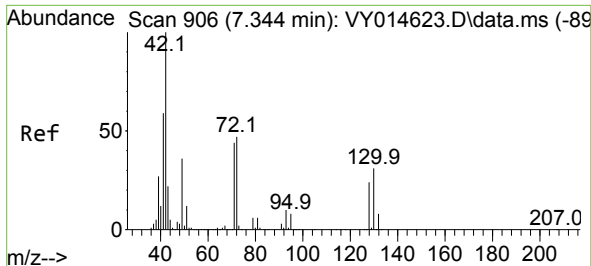
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 85.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 326.142 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

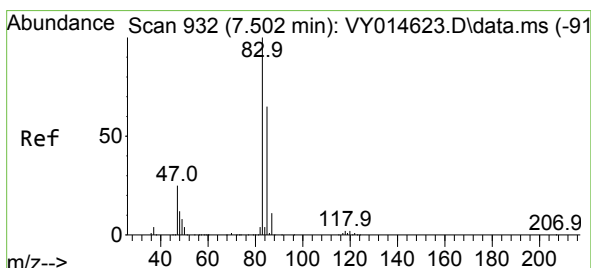
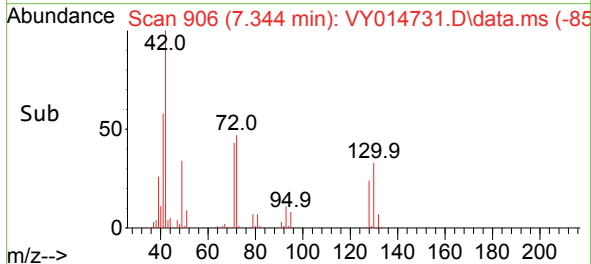
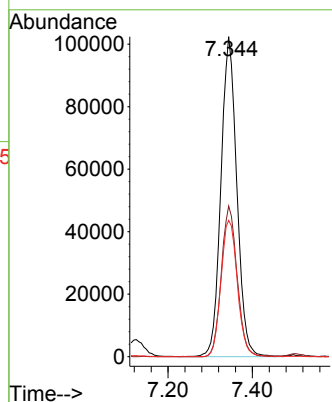
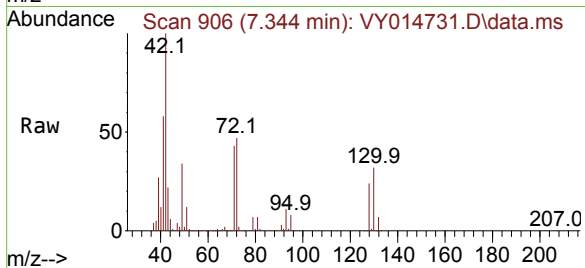
Tgt Ion: 42 Resp: 266797

Ion Ratio Lower Upper

42 100

72 46.8 32.8 49.2

71 43.9 31.0 46.4



#30

Chloroform

Concen: 56.037 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY014731.D

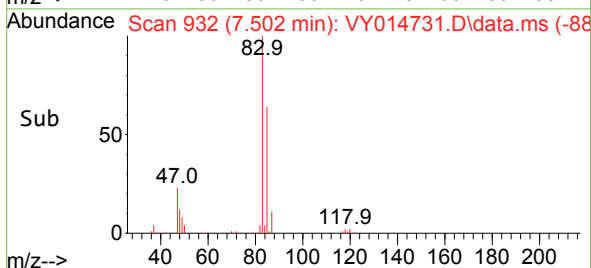
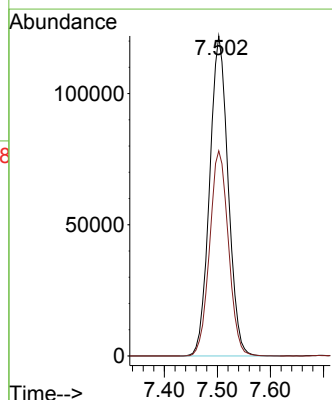
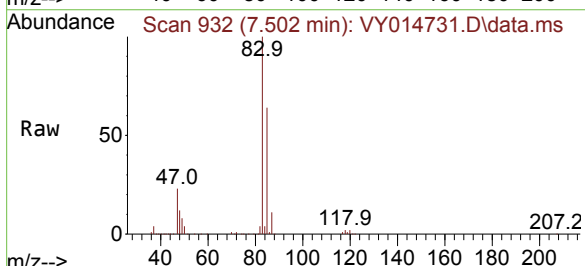
Acq: 20 Jul 2023 19:12

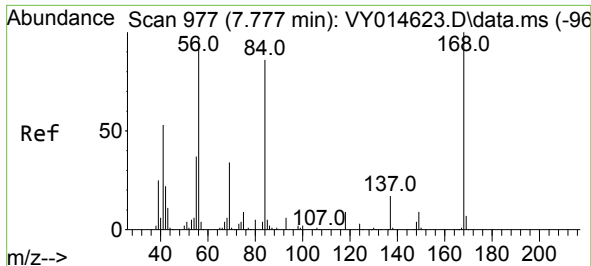
Tgt Ion: 83 Resp: 295571

Ion Ratio Lower Upper

83 100

85 64.1 49.7 74.5

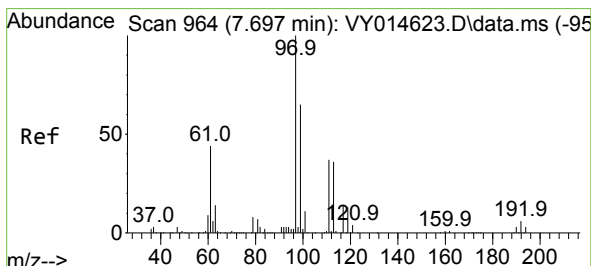
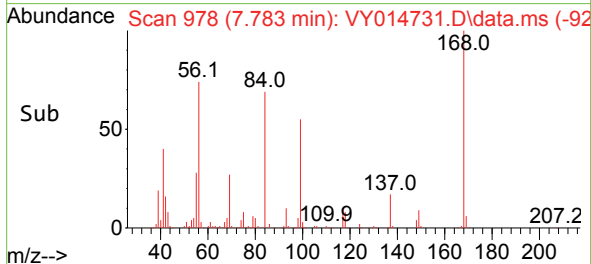
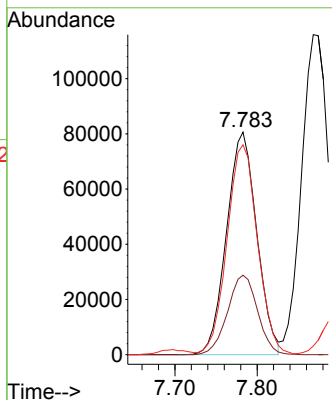
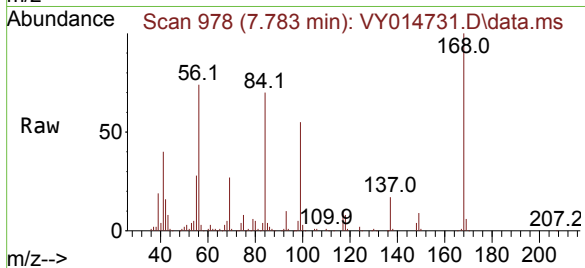




#31
Cyclohexane
Concen: 43.331 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

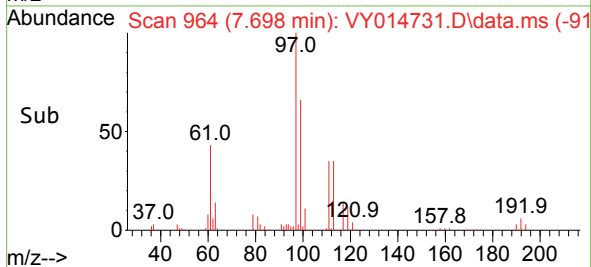
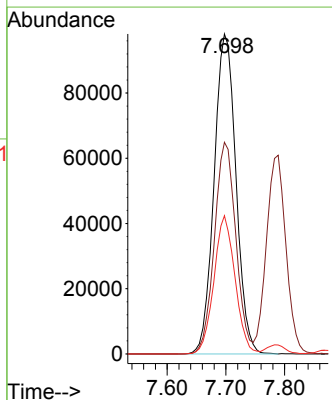
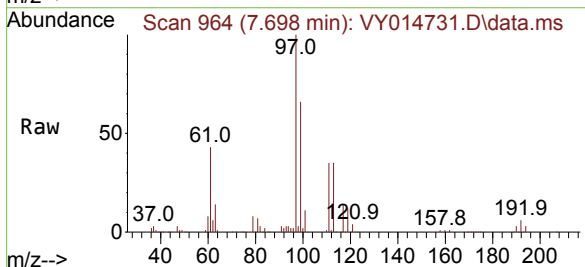
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

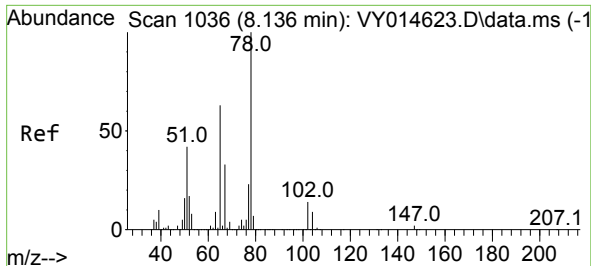
Tgt Ion: 56 Resp: 206124
Ion Ratio Lower Upper
56 100
69 35.8 27.8 41.6
84 92.5 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 53.412 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

Tgt Ion: 97 Resp: 253557
Ion Ratio Lower Upper
97 100
99 65.2 50.8 76.2
61 41.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 53.901 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

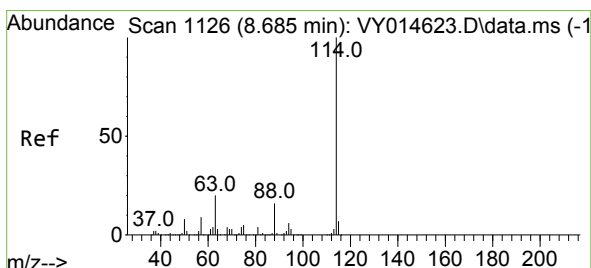
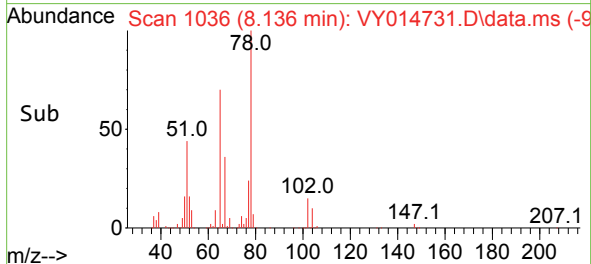
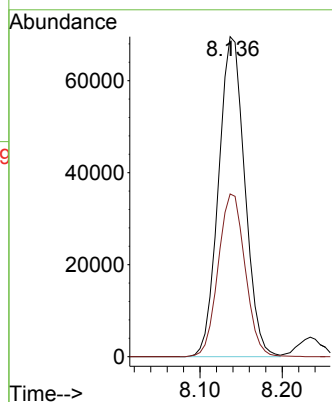
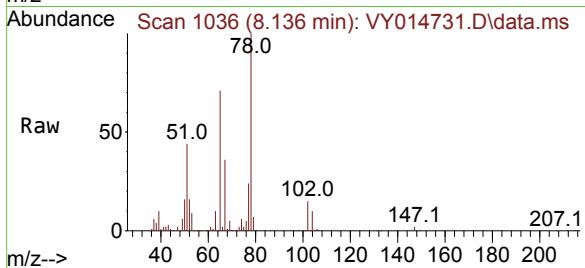
VSTDCCC050EC

Tgt Ion: 65 Resp: 154460

Ion Ratio Lower Upper

65 100

67 52.1 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: VY014731.D

Acq: 20 Jul 2023 19:12

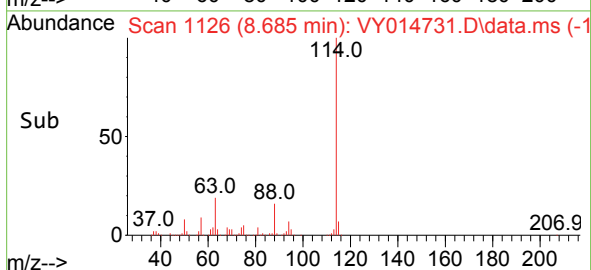
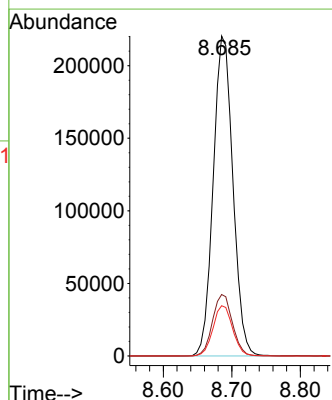
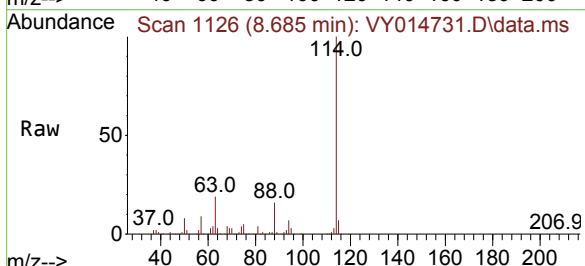
Tgt Ion: 114 Resp: 439413

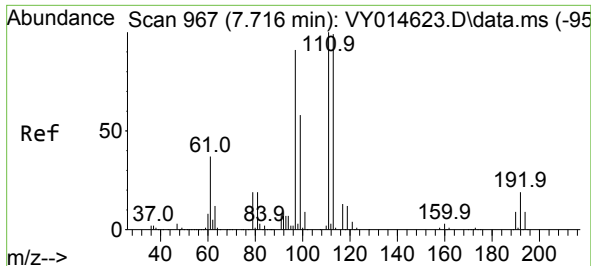
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.7 0.0 30.6

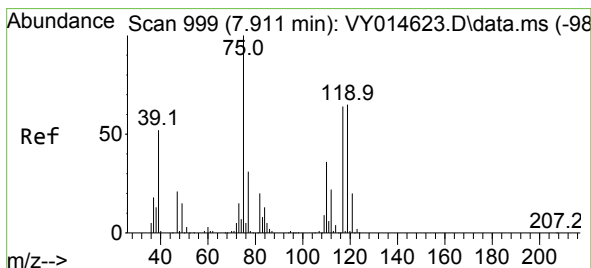
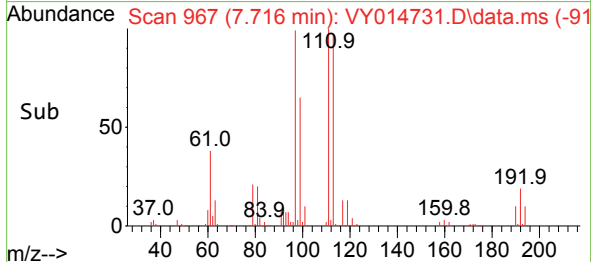
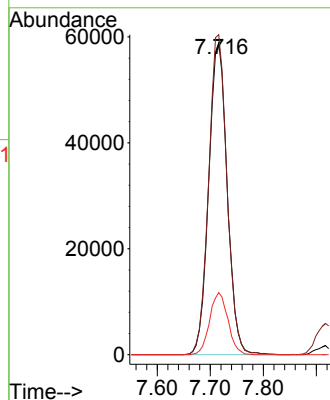
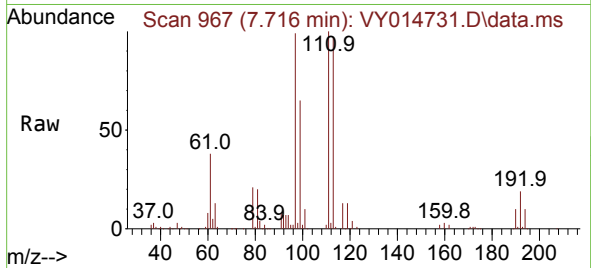




#35
Dibromofluoromethane
Concen: 50.913 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

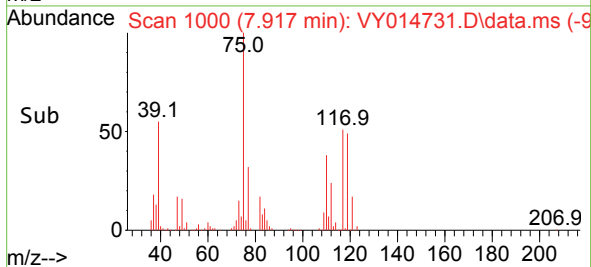
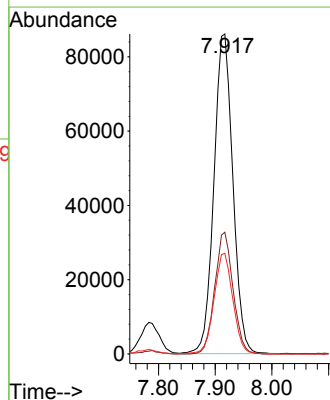
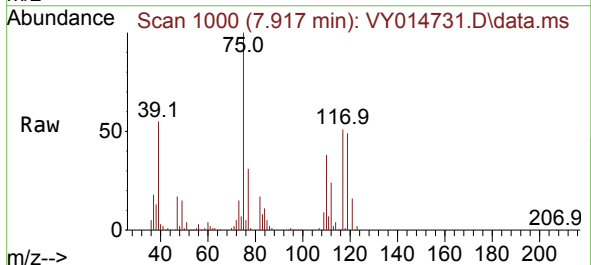
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

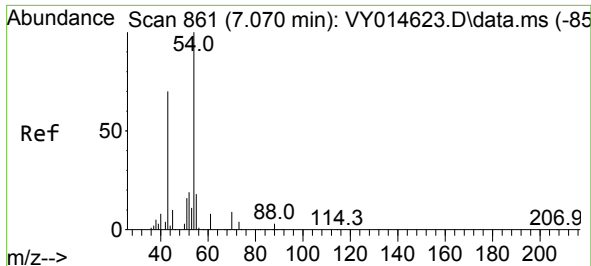
Tgt Ion:113 Resp: 142415
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 47.798 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

Tgt Ion: 75 Resp: 199945
Ion Ratio Lower Upper
75 100
110 36.7 17.8 53.5
77 31.3 24.4 36.6

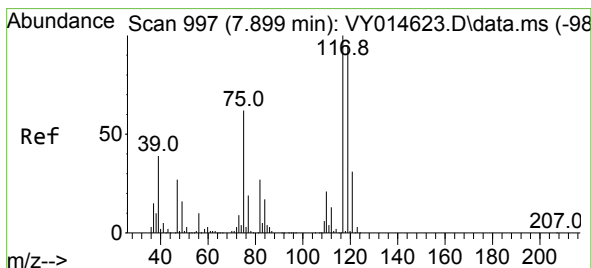
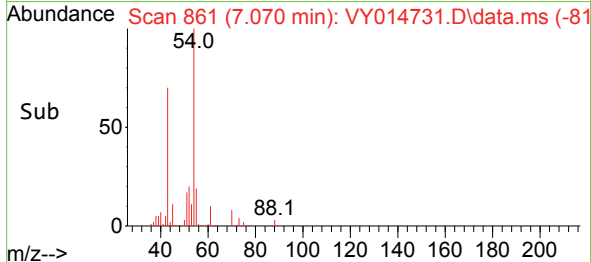
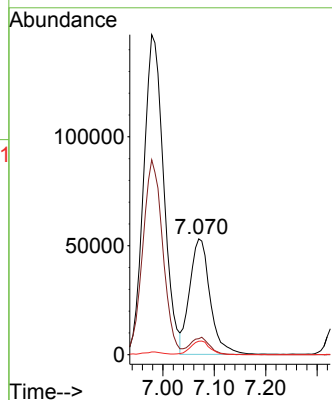
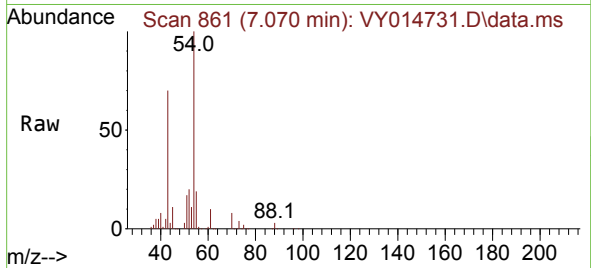




#37
Ethyl Acetate
Concen: 50.916 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

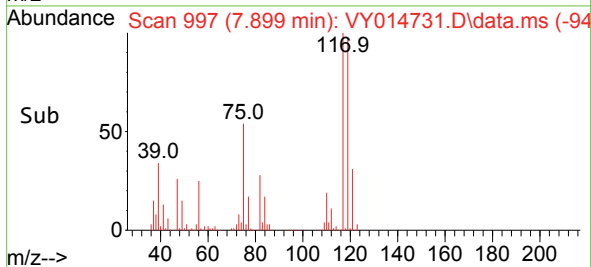
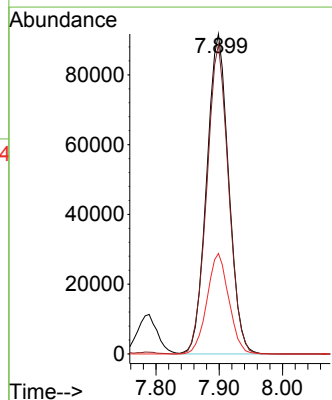
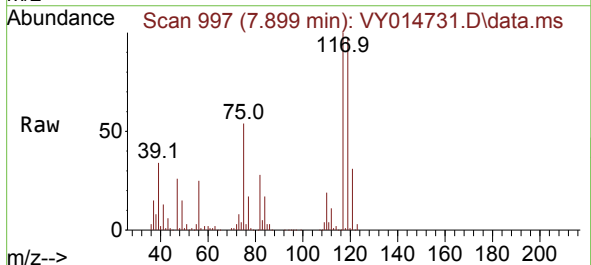
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

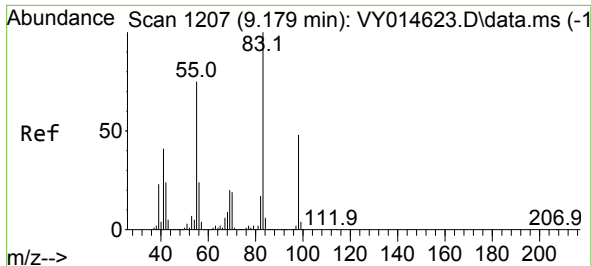
Tgt Ion: 43 Resp: 146642
Ion Ratio Lower Upper
43 100
61 14.0 10.1 15.1
70 11.2 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 50.215 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

Tgt Ion: 117 Resp: 222048
Ion Ratio Lower Upper
117 100
119 96.7 76.4 114.6
121 31.4 25.8 38.6





#39

Methylcyclohexane

Concen: 44.330 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

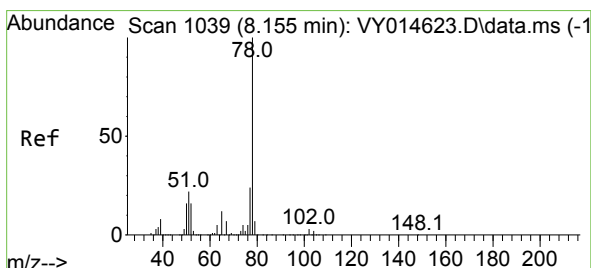
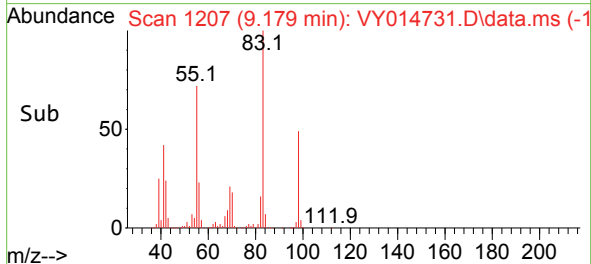
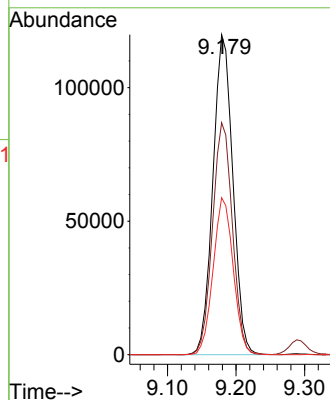
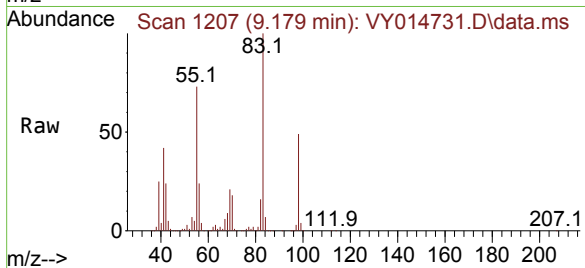
Tgt Ion: 83 Resp: 241592

Ion Ratio Lower Upper

83 100

55 72.5 63.0 94.4

98 49.0 37.4 56.2



#40

Benzene

Concen: 51.121 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY014731.D

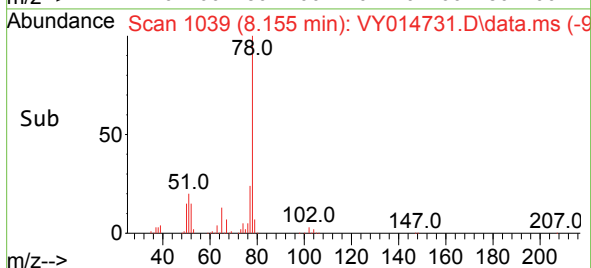
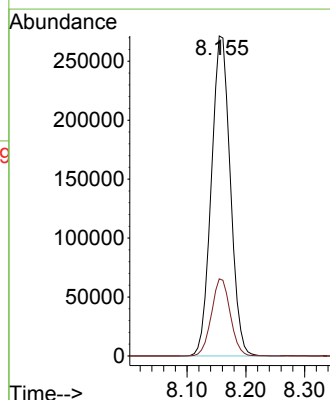
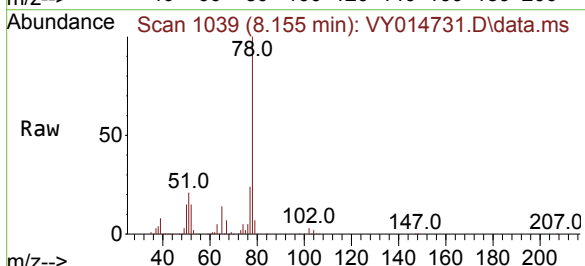
Acq: 20 Jul 2023 19:12

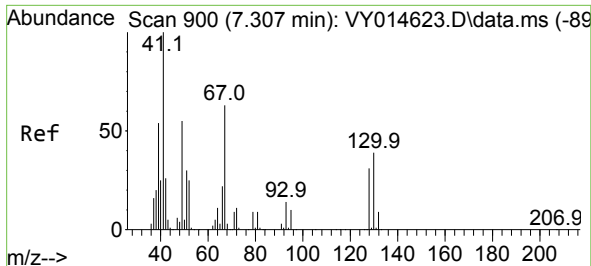
Tgt Ion: 78 Resp: 608188

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.6

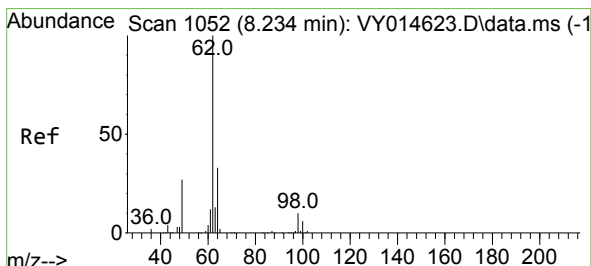
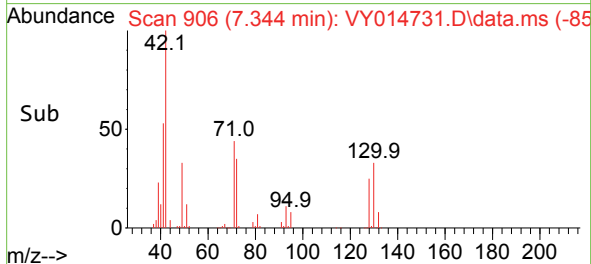
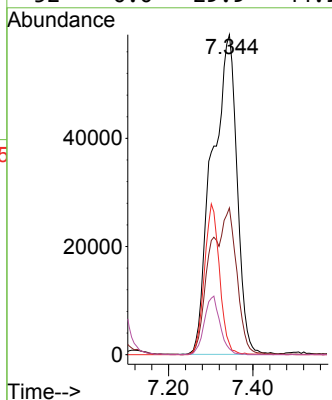
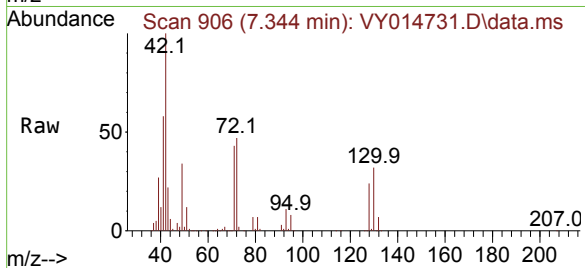




#41
Methacrylonitrile
Concen: 162.365 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

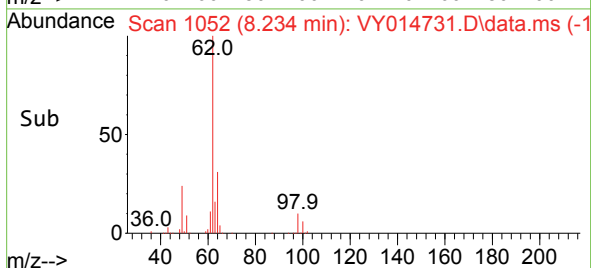
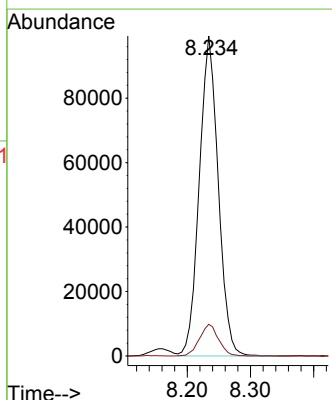
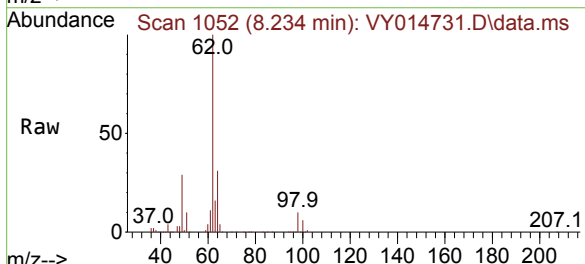
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

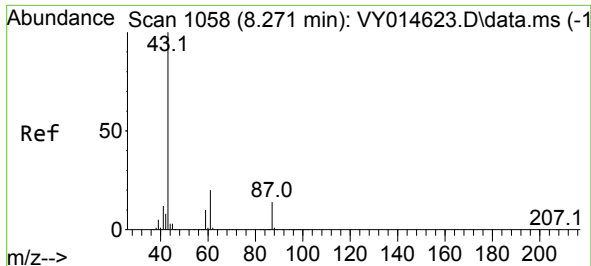
Tgt Ion:	41	Resp:	240525
Ion	Ratio	Lower	Upper
41	100		
39	24.4	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 54.963 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

Tgt Ion:	62	Resp:	207072
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	15.8

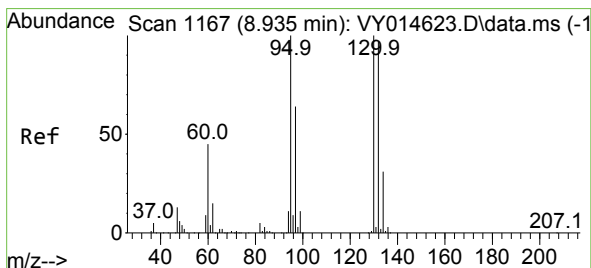
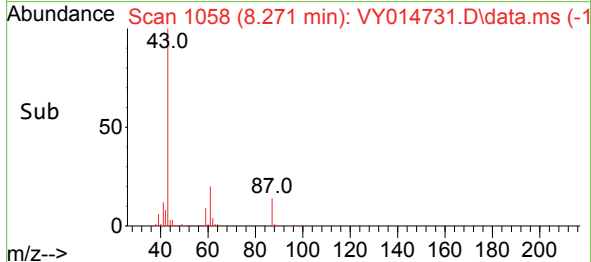
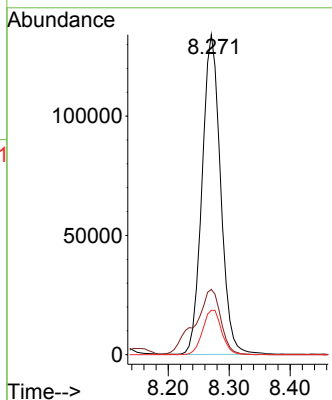
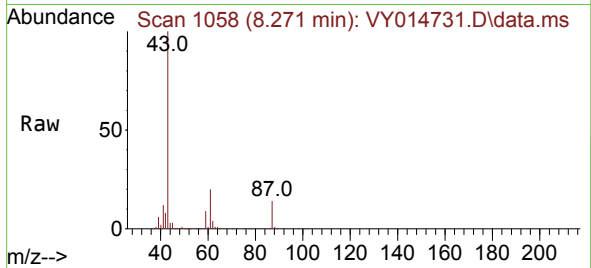




#43
Isopropyl Acetate
Concen: 51.467 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

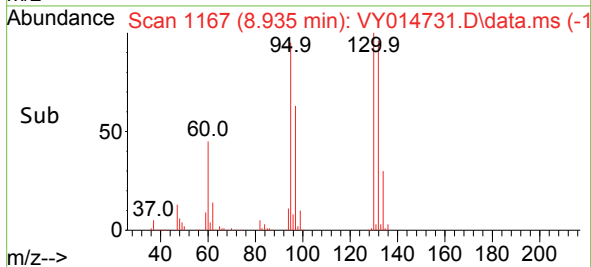
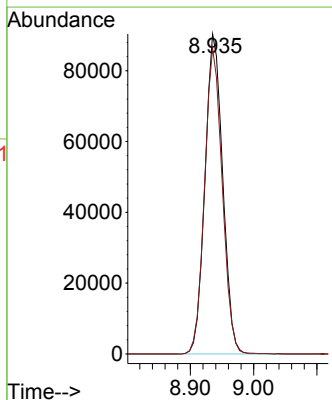
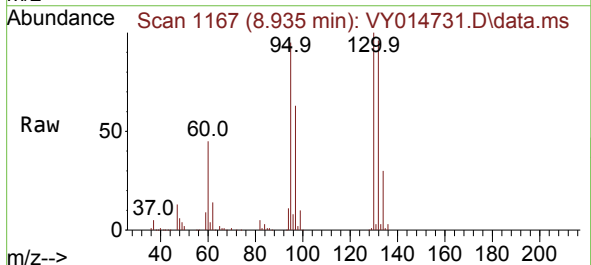
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

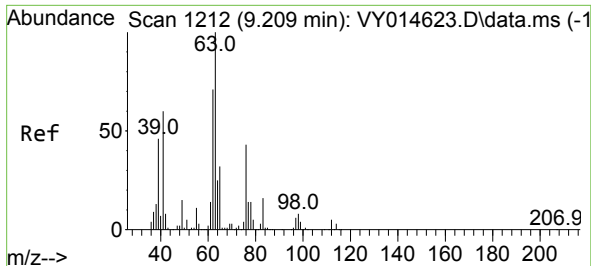
Tgt Ion: 43 Resp: 282362
Ion Ratio Lower Upper
43 100
61 28.6 21.1 31.7
87 14.4 9.8 14.8



#44
Trichloroethene
Concen: 52.861 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

Tgt Ion:130 Resp: 175958
Ion Ratio Lower Upper
130 100
95 95.5 0.0 196.0

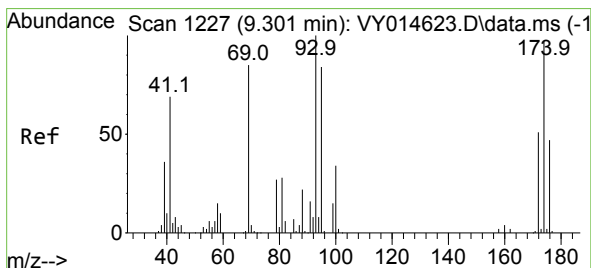
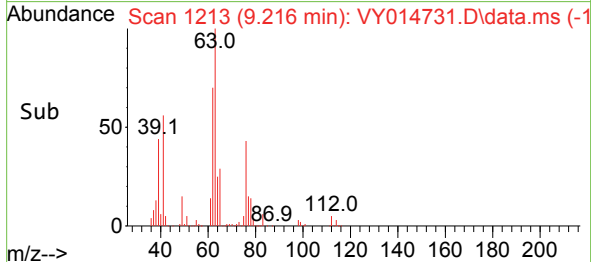
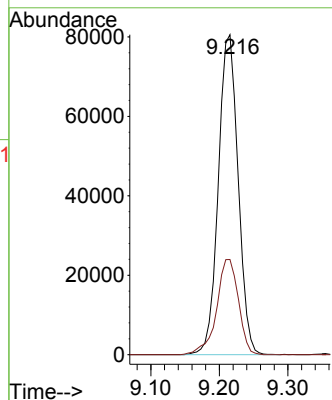
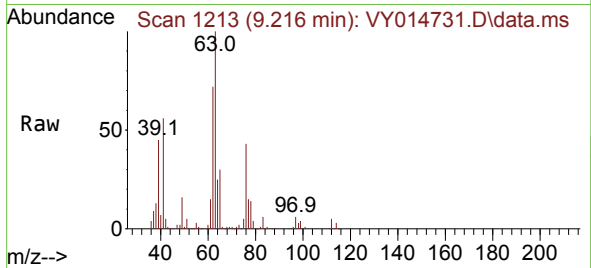




#45
1,2-Dichloropropane
Concen: 51.911 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.007 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

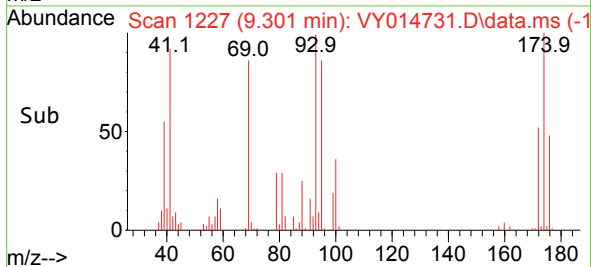
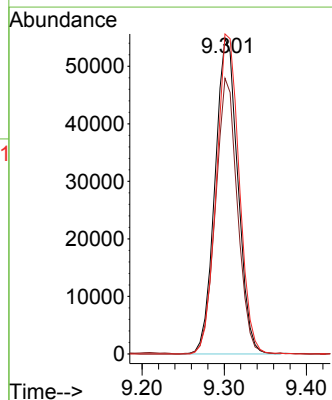
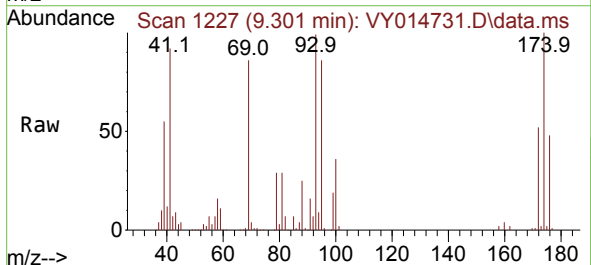
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

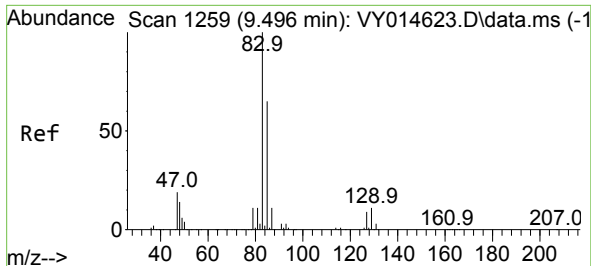
Tgt Ion: 63 Resp: 161265
Ion Ratio Lower Upper
63 100
65 29.8 23.8 35.6



#46
Dibromomethane
Concen: 56.146 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

Tgt Ion: 93 Resp: 105814
Ion Ratio Lower Upper
93 100
95 83.8 66.6 100.0
174 101.2 84.8 127.2

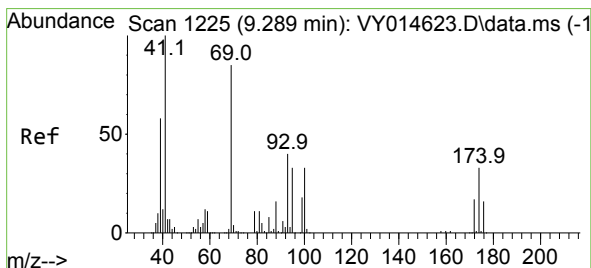
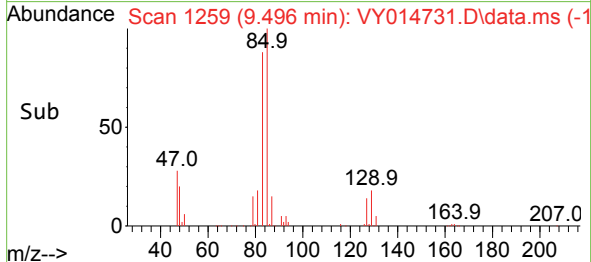
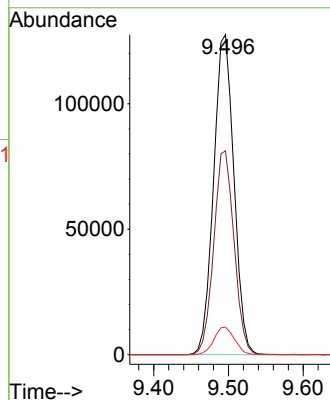
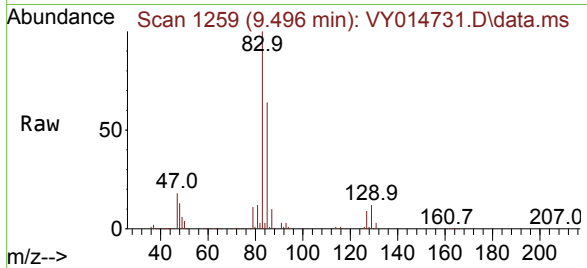




#47
Bromodichloromethane
Concen: 54.331 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

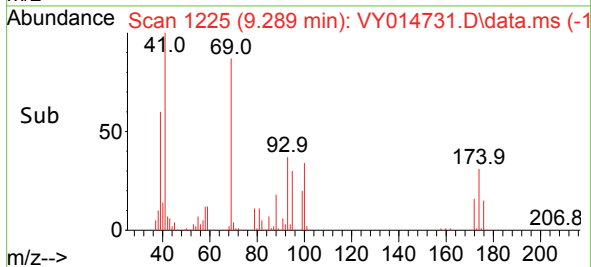
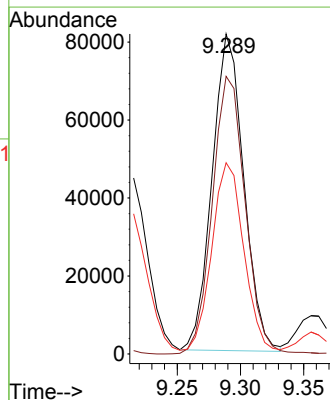
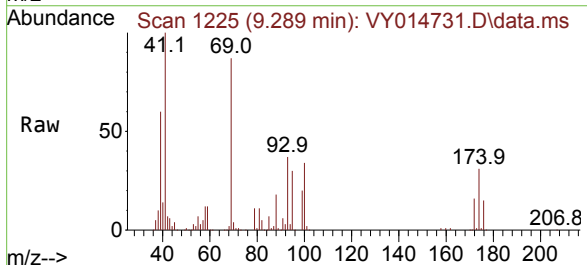
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

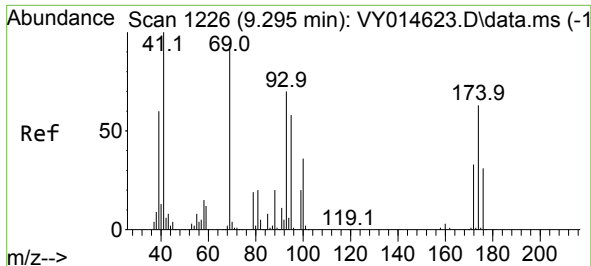
Tgt Ion: 83 Resp: 241329
Ion Ratio Lower Upper
83 100
85 63.7 50.1 75.1
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 57.158 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

Tgt Ion: 41 Resp: 141104
Ion Ratio Lower Upper
41 100
69 91.5 64.5 96.7
39 62.0 50.8 76.2





#49

1,4-Dioxane

Concen: 1290.619 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

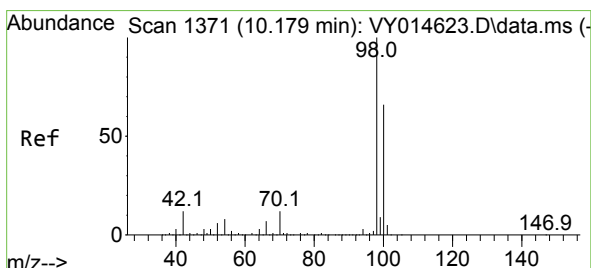
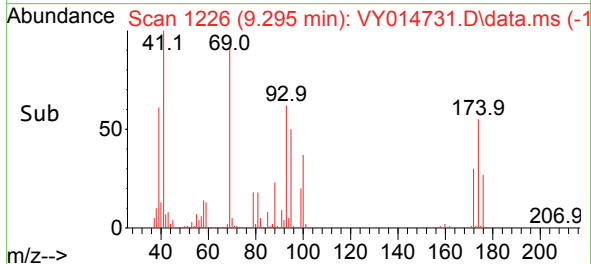
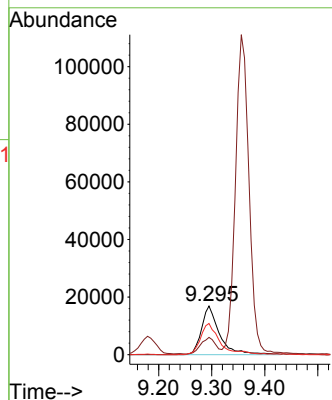
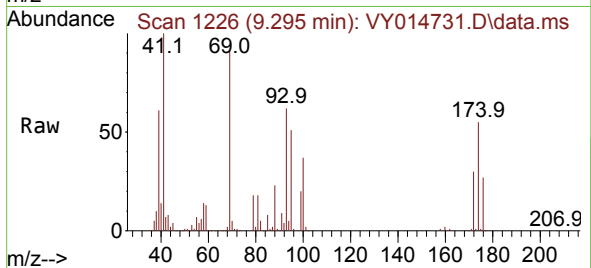
Tgt Ion: 88 Resp: 39661

Ion Ratio Lower Upper

88 100

43 29.8 0.0 0.0#

58 69.7 30.9 46.3#



#50

Toluene-d8

Concen: 48.806 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014731.D

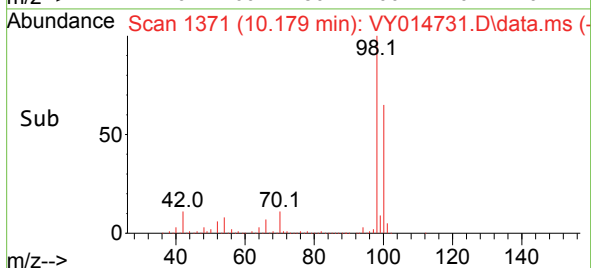
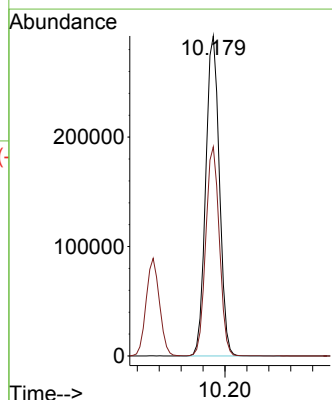
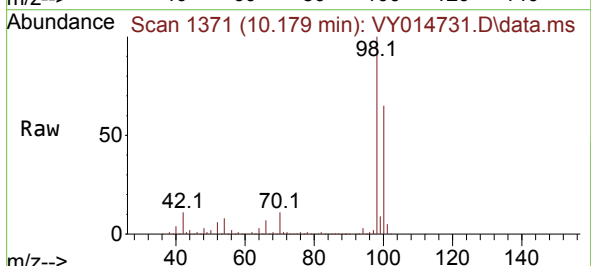
Acq: 20 Jul 2023 19:12

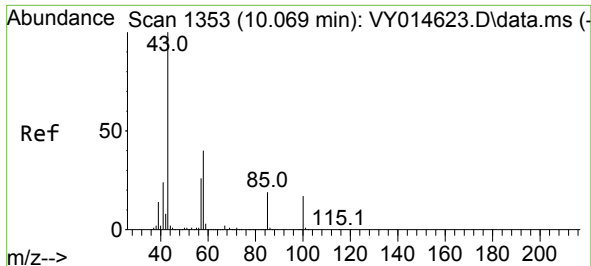
Tgt Ion: 98 Resp: 503317

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

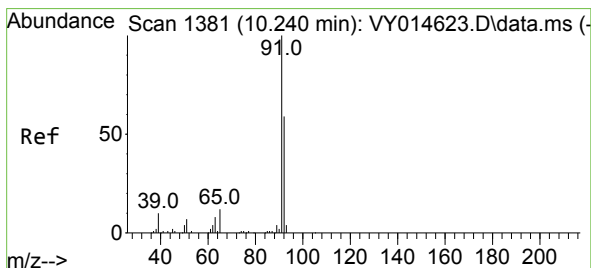
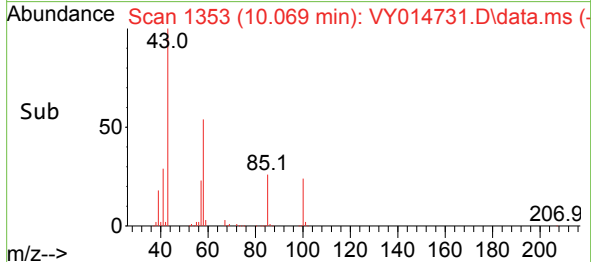
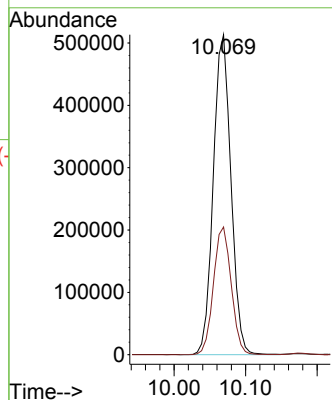
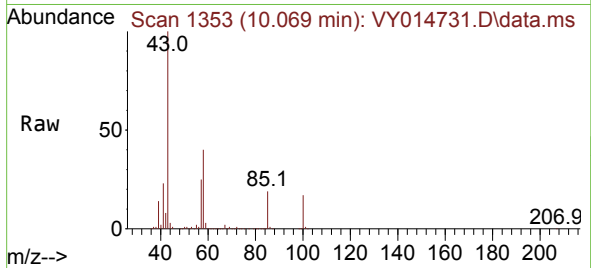




#51
4-Methyl-2-Pentanone
Concen: 304.849 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

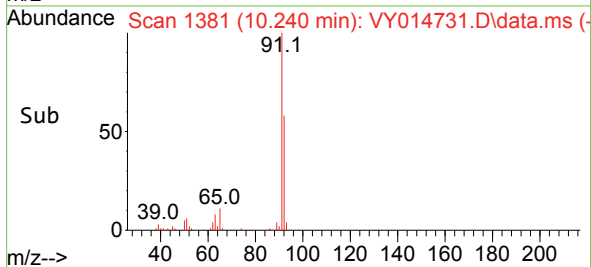
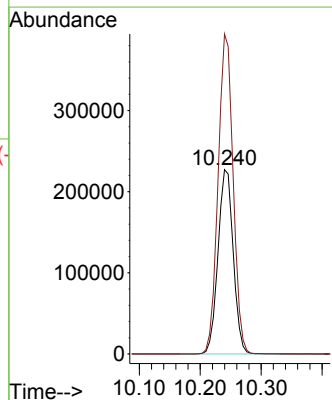
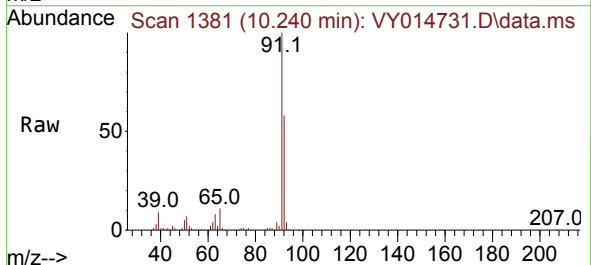
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

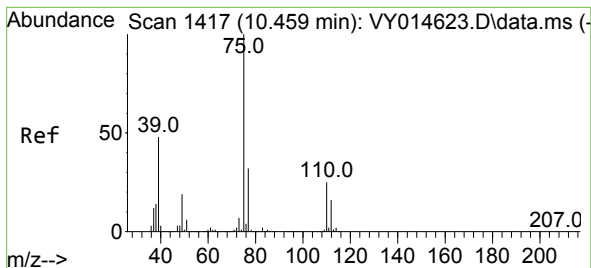
Tgt Ion: 43 Resp: 878128
Ion Ratio Lower Upper
43 100
58 40.2 29.0 43.6



#52
Toluene
Concen: 51.848 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

Tgt Ion: 92 Resp: 394711
Ion Ratio Lower Upper
92 100
91 171.8 143.8 215.6

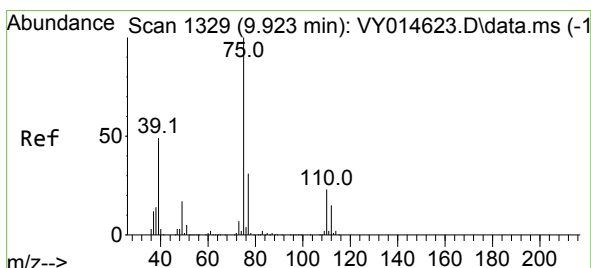
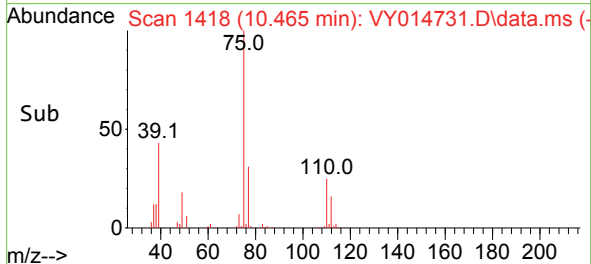
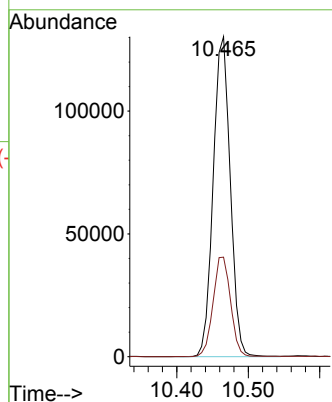
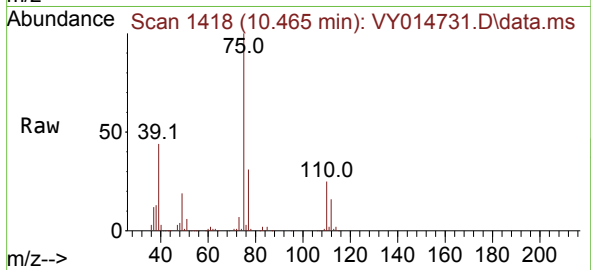




#53
 t-1,3-Dichloropropene
 Concen: 44.454 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY014731.D
 Acq: 20 Jul 2023 19:12

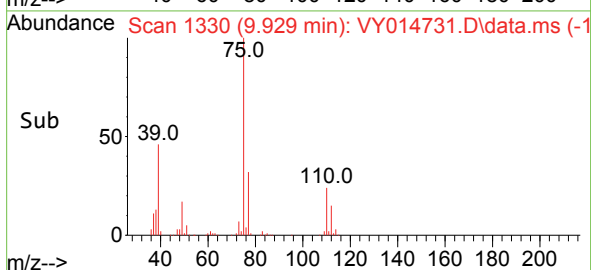
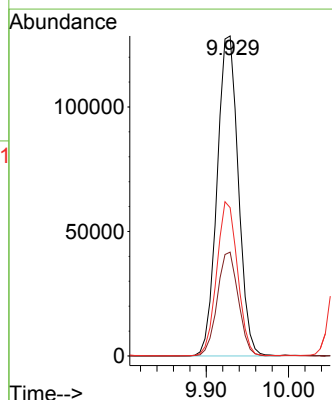
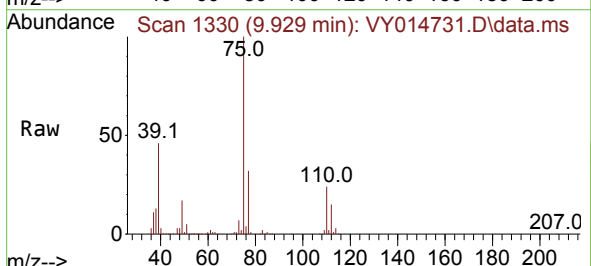
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

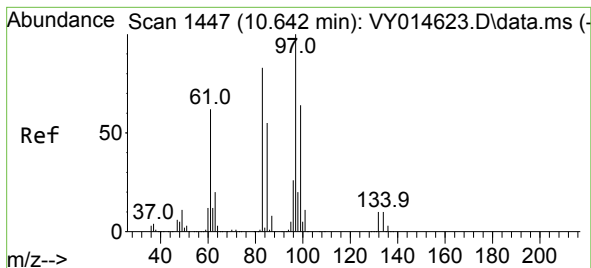
Tgt Ion: 75 Resp: 215984
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 43.560 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY014731.D
 Acq: 20 Jul 2023 19:12

Tgt Ion: 75 Resp: 230156
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.2 36.4
 39 46.3 42.2 63.4



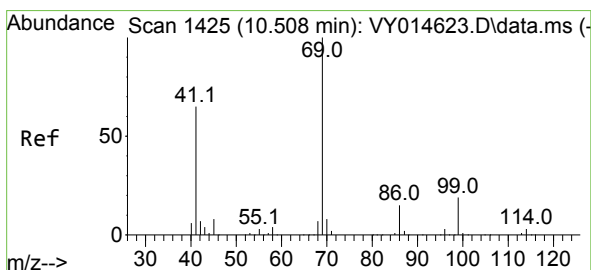
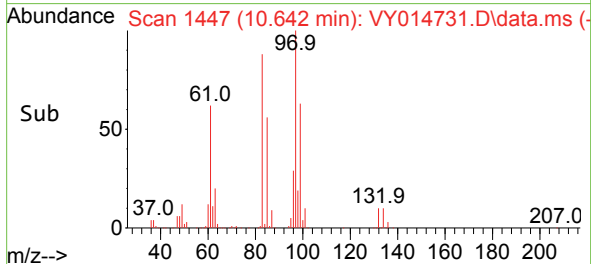
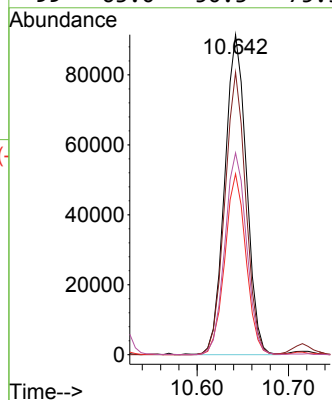
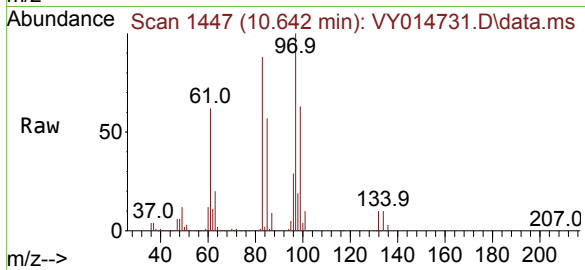


#55
1,1,2-Trichloroethane
Concen: 57.600 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 151212

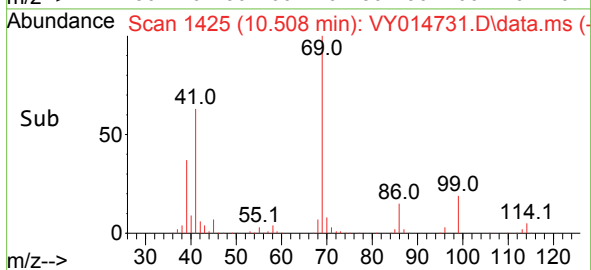
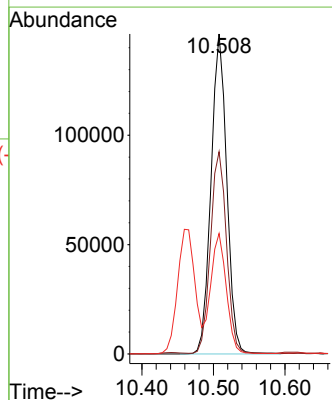
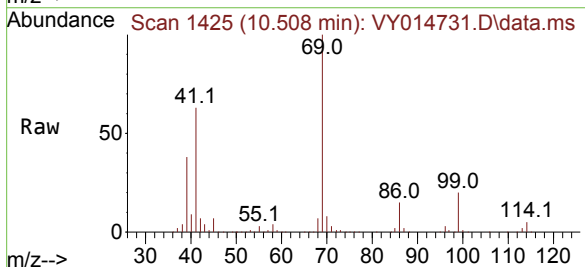
Ion	Ratio	Lower	Upper
97	100		
83	88.3	72.0	108.0
85	56.5	45.4	68.0
99	63.0	50.3	75.5

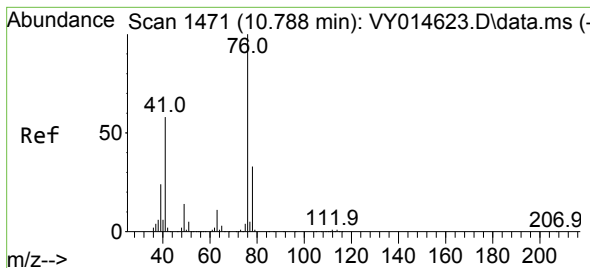


#56
Ethyl methacrylate
Concen: 55.797 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

Tgt Ion: 69 Resp: 223648

Ion	Ratio	Lower	Upper
69	100		
41	64.0	57.6	86.4
39	37.4	34.1	51.1





#57

1,3-Dichloropropane

Concen: 55.589 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

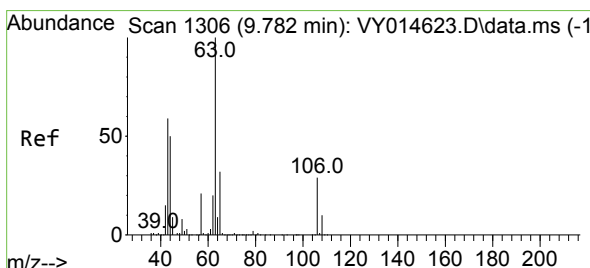
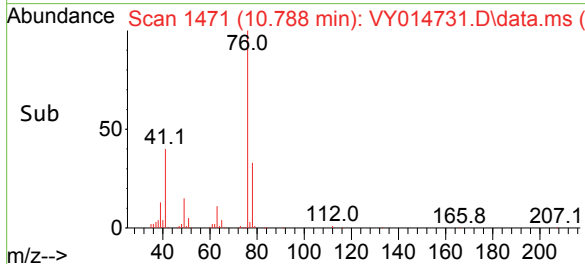
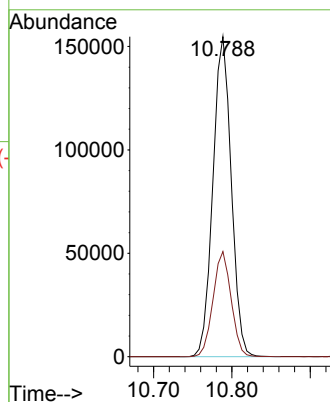
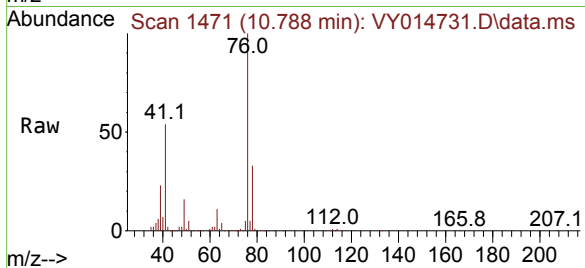
VSTDCCC050EC

Tgt Ion: 76 Resp: 251703

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 280.038 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY014731.D

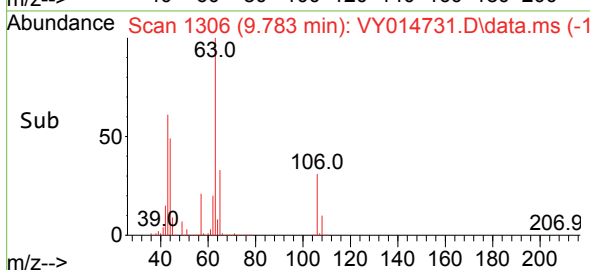
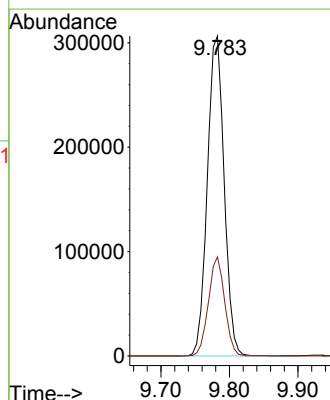
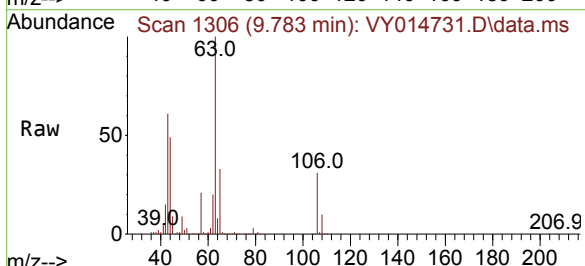
Acq: 20 Jul 2023 19:12

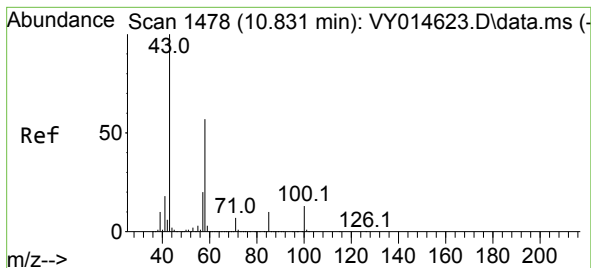
Tgt Ion: 63 Resp: 523002

Ion Ratio Lower Upper

63 100

106 30.0 21.2 31.8

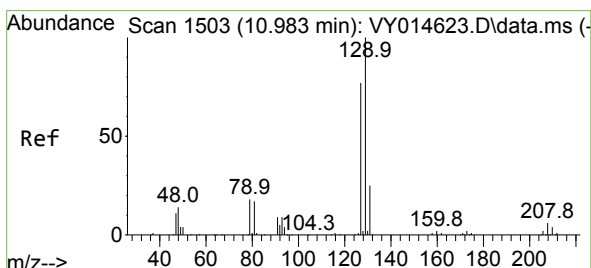
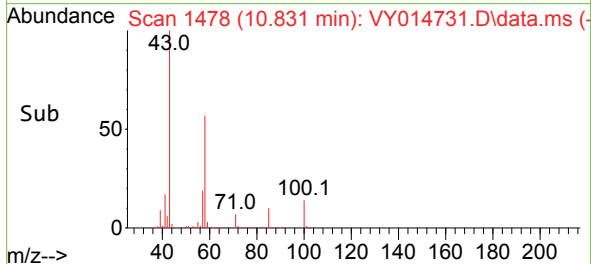
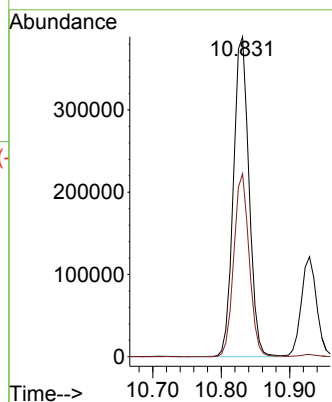
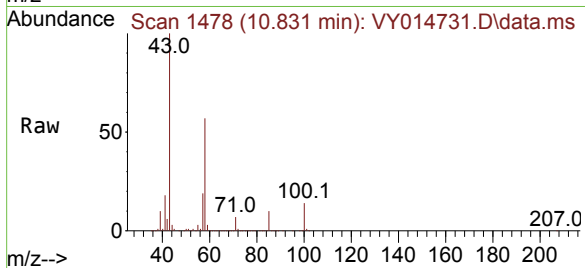




#59
2-Hexanone
Concen: 293.077 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

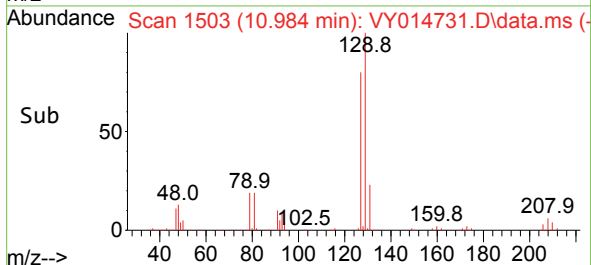
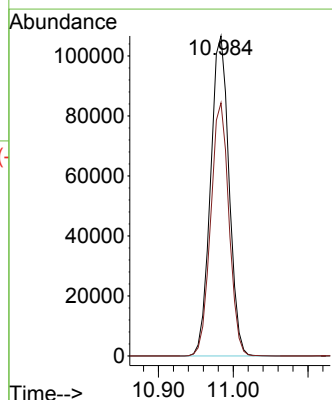
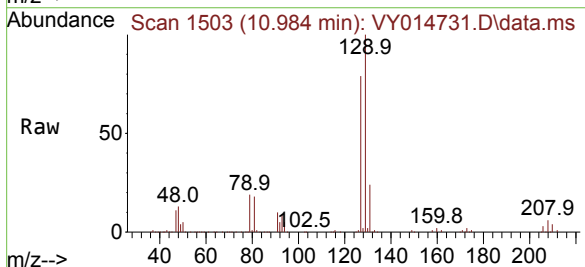
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

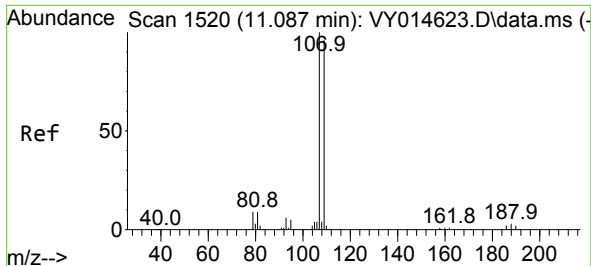
Tgt Ion: 43 Resp: 615650
Ion Ratio Lower Upper
43 100
58 56.6 25.1 75.3



#60
Dibromochloromethane
Concen: 57.049 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

Tgt Ion: 129 Resp: 183622
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5

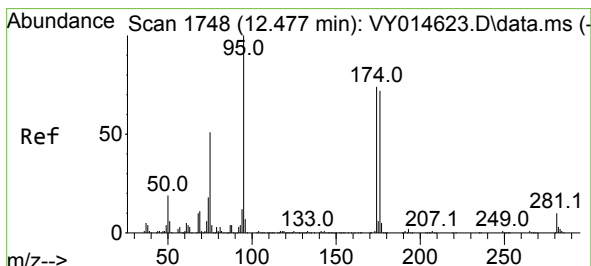
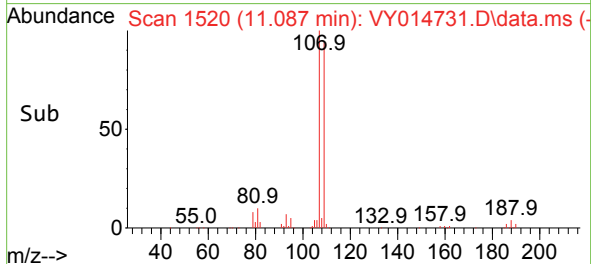
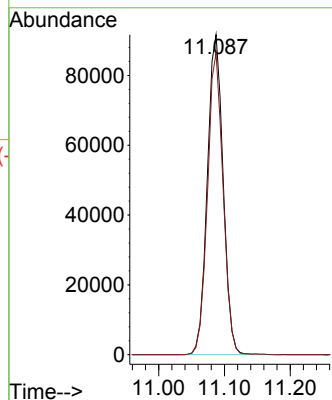
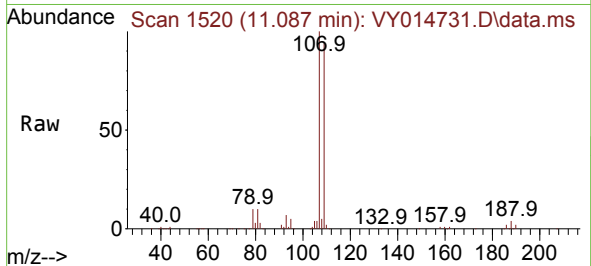




#61
1,2-Dibromoethane
Concen: 58.382 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

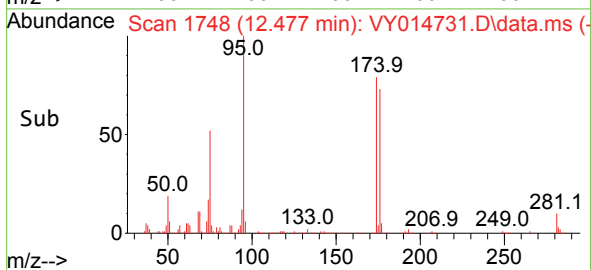
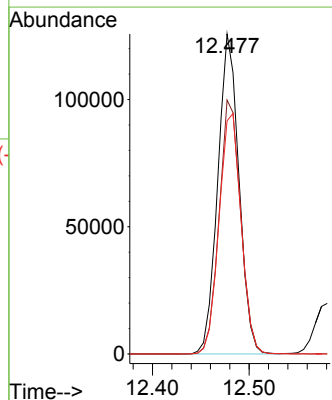
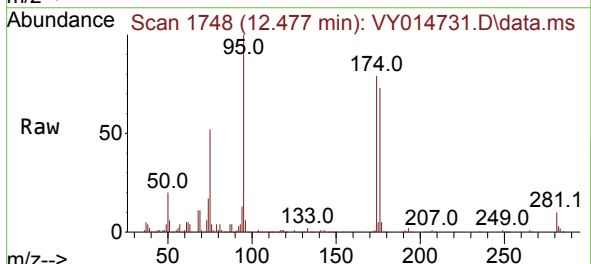
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

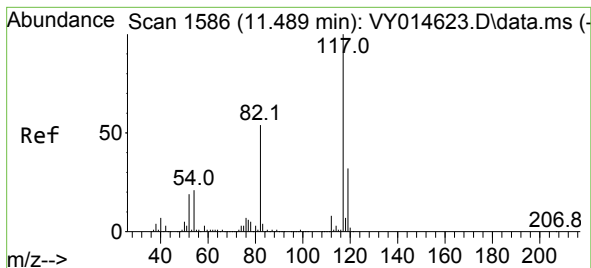
Tgt Ion:107 Resp: 152896
Ion Ratio Lower Upper
107 100
109 93.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.162 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

Tgt Ion: 95 Resp: 190446
Ion Ratio Lower Upper
95 100
174 80.8 0.0 178.2
176 78.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC050EC

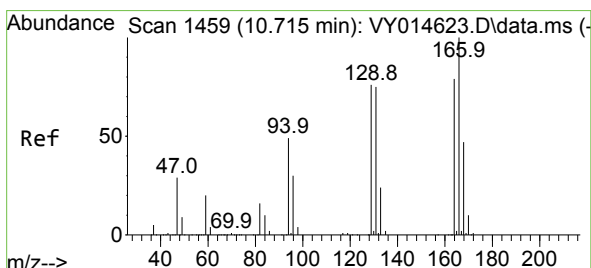
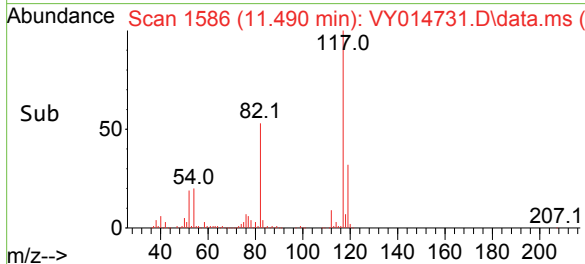
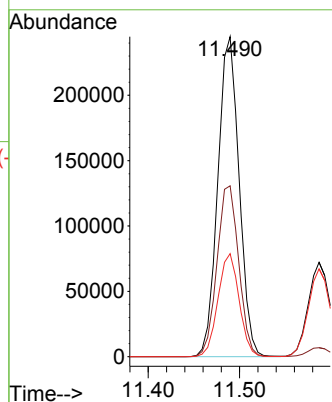
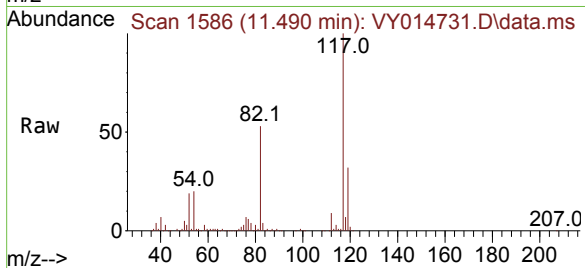
Tgt Ion:117 Resp: 396661

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 32.2 26.3 39.5



#64

Tetrachloroethene

Concen: 60.276 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

Tgt Ion:164 Resp: 192293

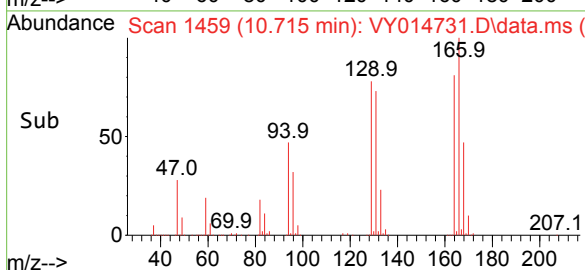
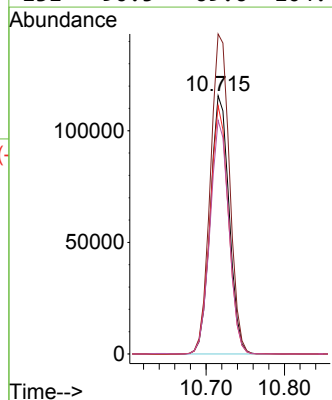
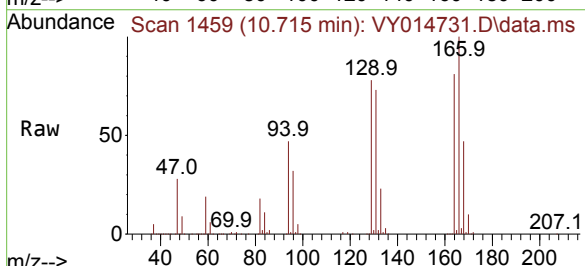
Ion Ratio Lower Upper

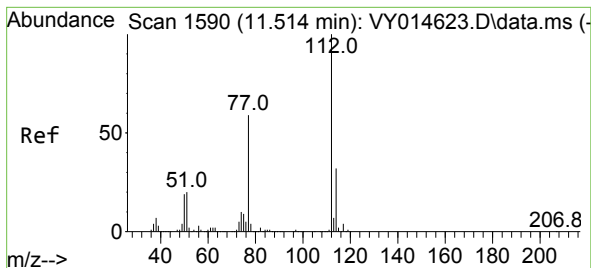
164 100

166 123.9 103.0 154.6

129 96.1 77.2 115.8

131 90.5 69.6 104.4

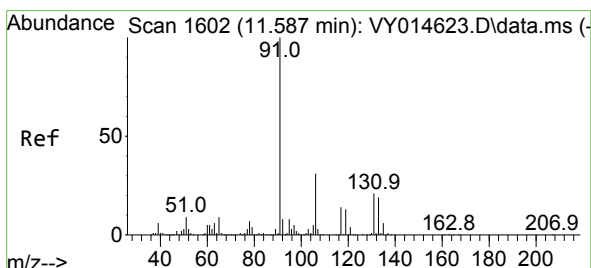
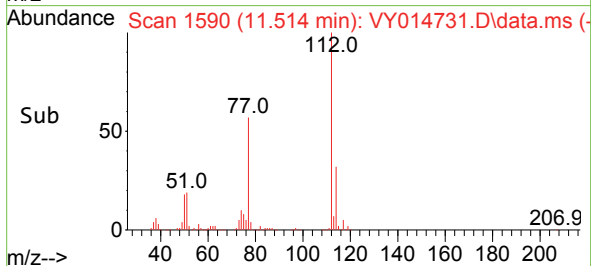
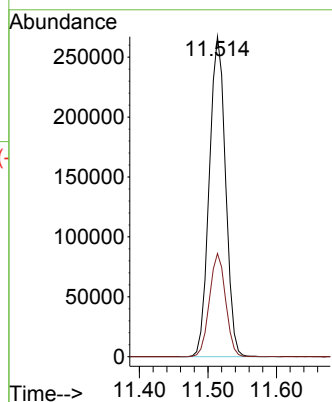
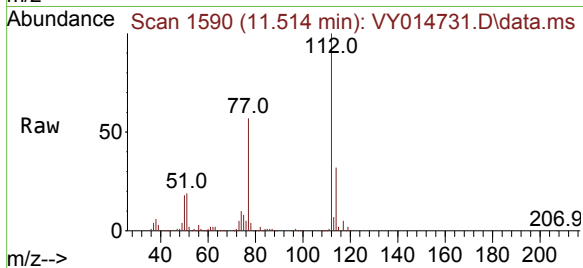




#65
Chlorobenzene
Concen: 52.139 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

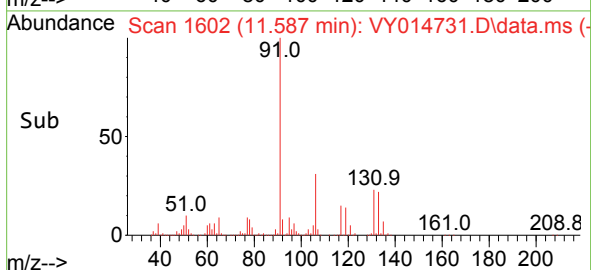
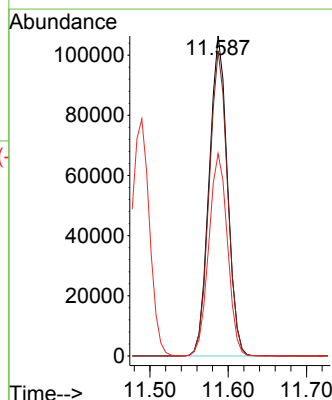
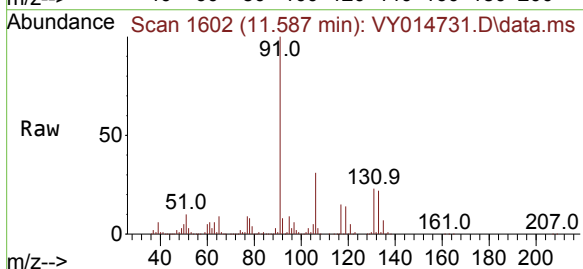
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

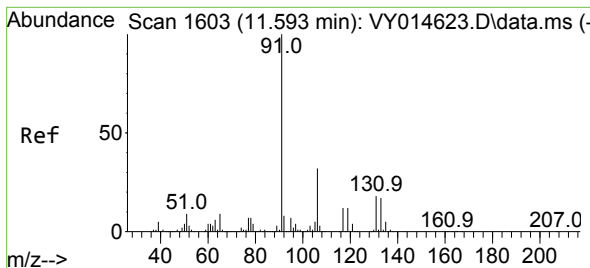
Tgt Ion:112 Resp: 440713
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 53.982 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

Tgt Ion:131 Resp: 172044
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 64.7 31.6 94.7





#67

Ethyl Benzene

Concen: 50.102 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

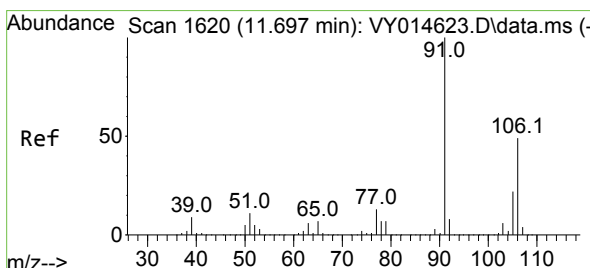
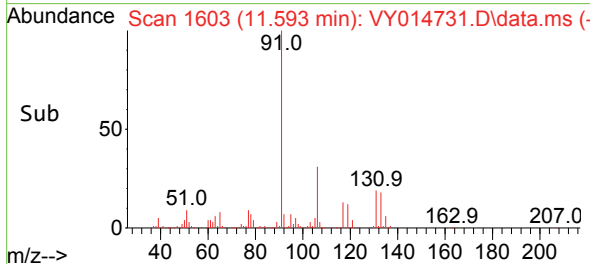
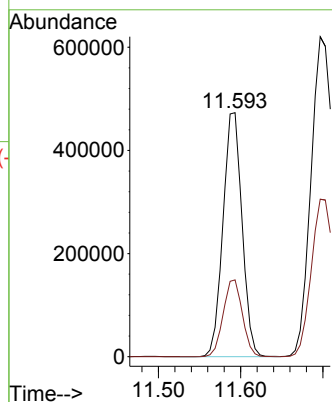
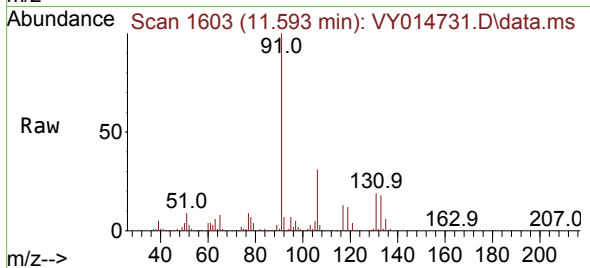
VSTDCCC050EC

Tgt Ion: 91 Resp: 764637

Ion Ratio Lower Upper

91 100

106 31.5 24.6 36.8



#68

m/p-Xylenes

Concen: 99.128 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY014731.D

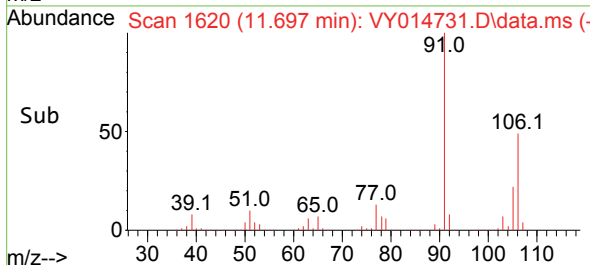
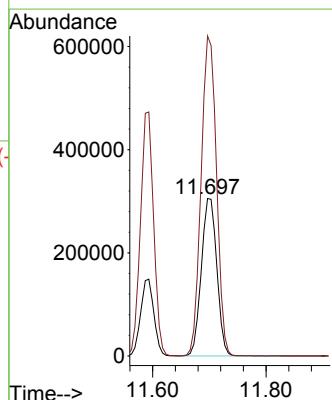
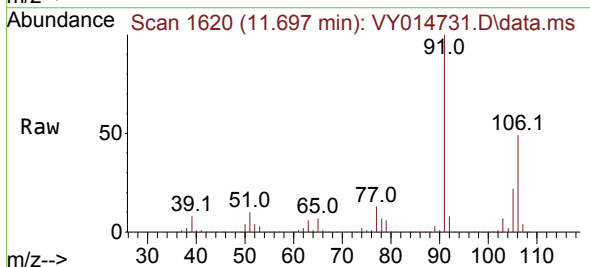
Acq: 20 Jul 2023 19:12

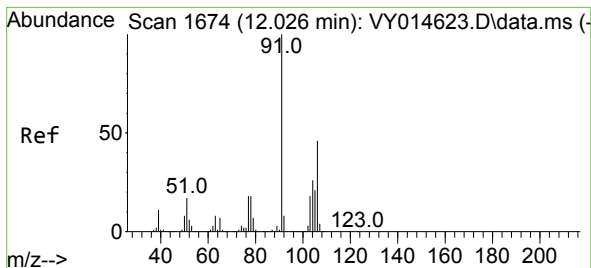
Tgt Ion:106 Resp: 577492

Ion Ratio Lower Upper

106 100

91 202.4 166.1 249.1





#69

o-Xylene

Concen: 51.135 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

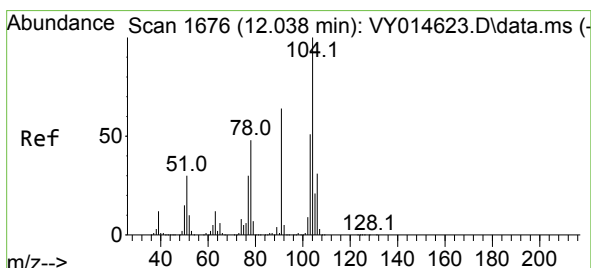
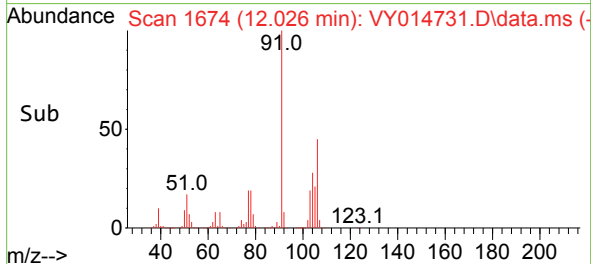
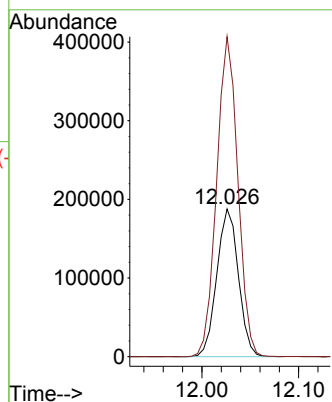
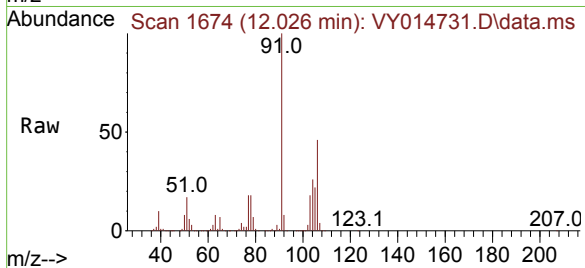
VSTDCCC050EC

Tgt Ion:106 Resp: 290156

Ion Ratio Lower Upper

106 100

91 213.1 108.1 324.3



#70

Styrene

Concen: 51.716 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

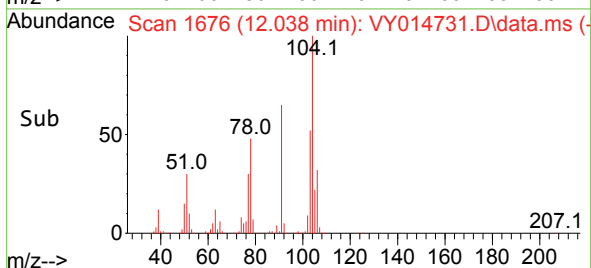
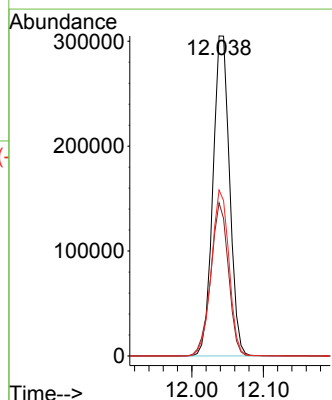
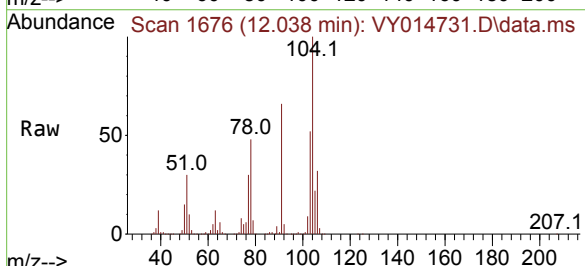
Tgt Ion:104 Resp: 494588

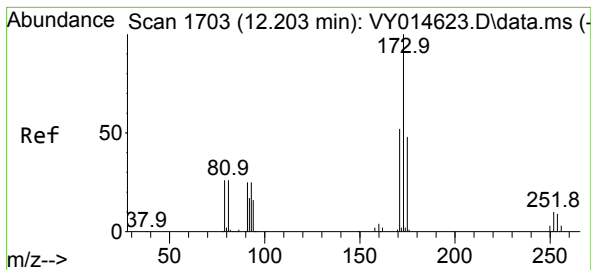
Ion Ratio Lower Upper

104 100

78 50.6 41.5 62.3

103 54.8 44.6 67.0





#71

Bromoform

Concen: 59.352 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

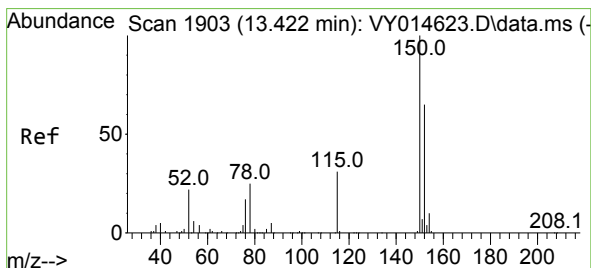
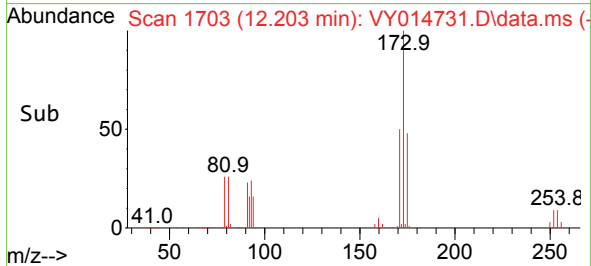
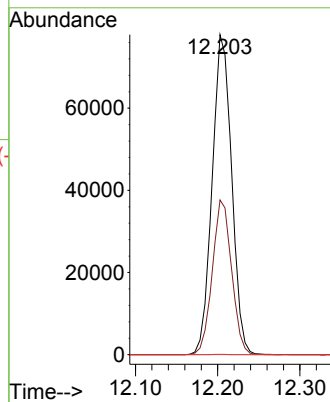
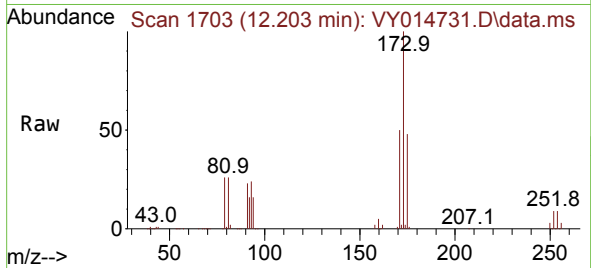
Tgt Ion:173 Resp: 128217

Ion Ratio Lower Upper

173 100

175 47.8 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

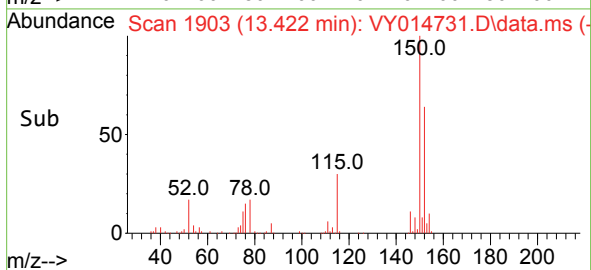
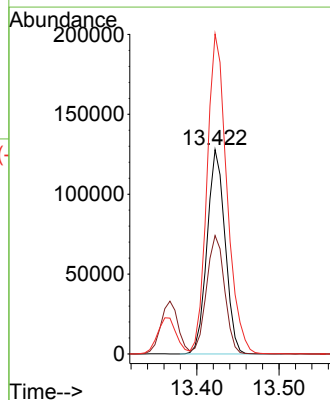
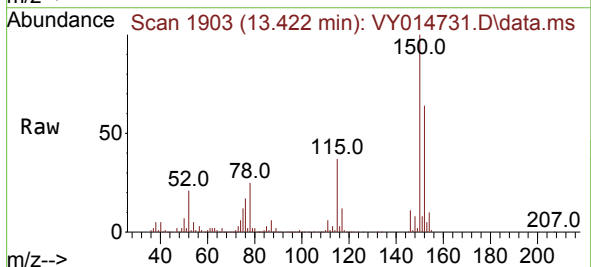
Tgt Ion:152 Resp: 194310

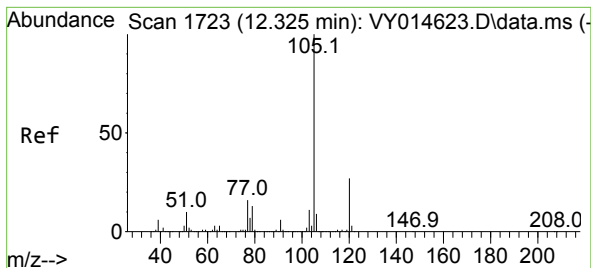
Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 173.0 0.0 348.8





#73

Isopropylbenzene

Concen: 48.745 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

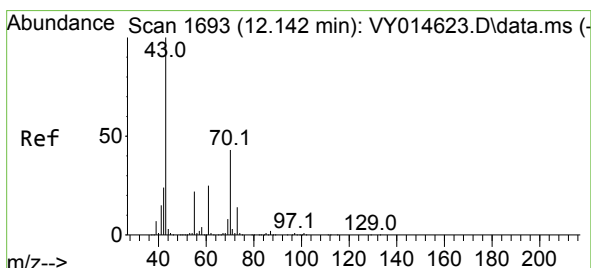
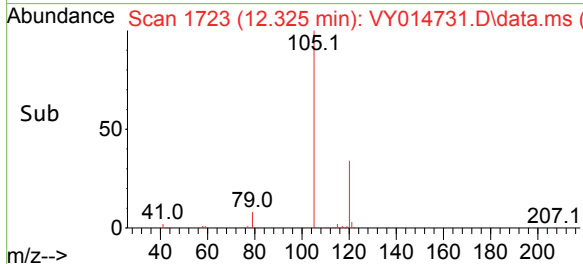
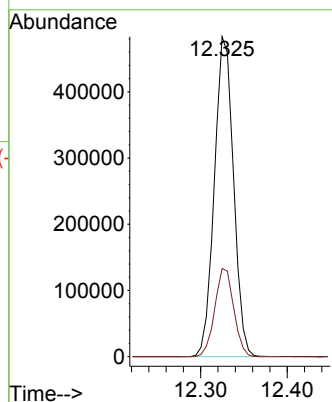
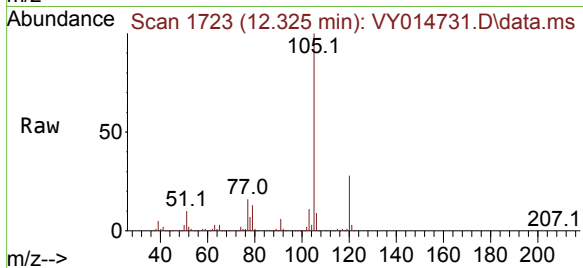
VSTDCCC050EC

Tgt Ion:105 Resp: 741637

Ion Ratio Lower Upper

105 100

120 27.3 13.3 39.9



#74

N-ethyl acetate

Concen: 26.249 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

Tgt Ion: 43 Resp: 133753

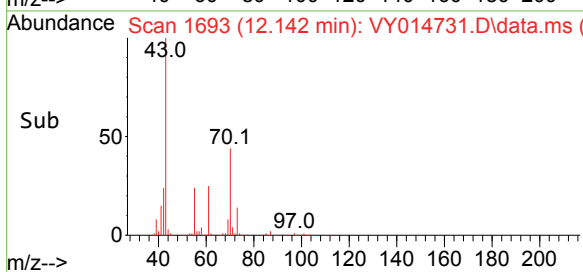
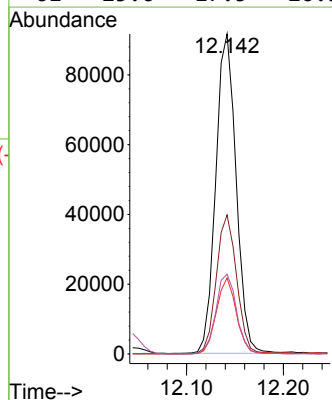
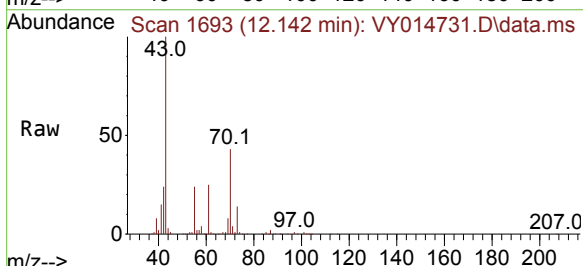
Ion Ratio Lower Upper

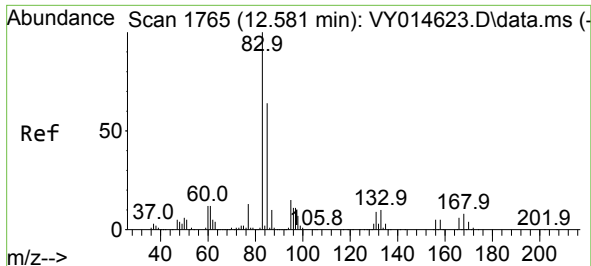
43 100

70 43.8 29.7 44.5

55 23.1 18.3 27.5

61 25.6 17.5 26.3

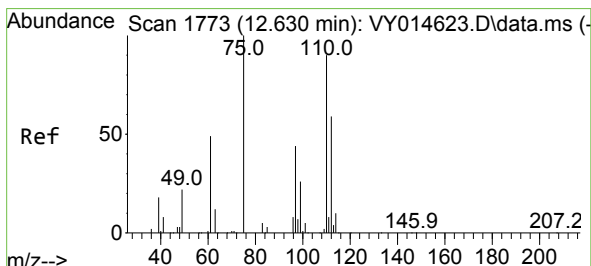
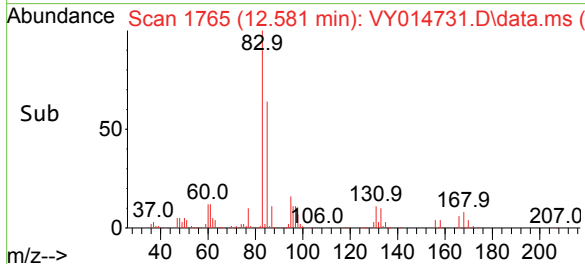
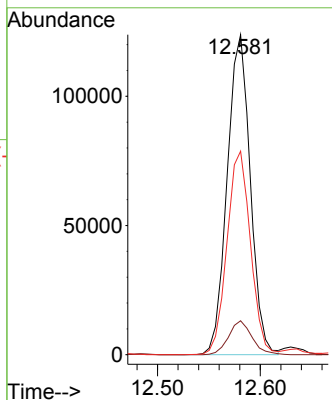
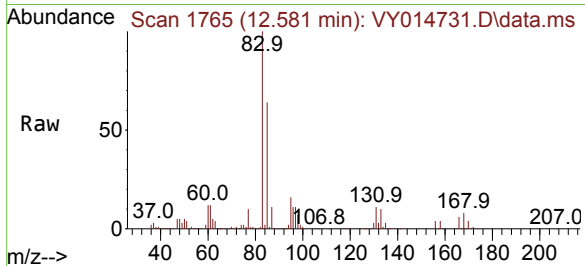




#75
 1,1,2,2-Tetrachloroethane
 Concen: 55.748 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY014731.D
 Acq: 20 Jul 2023 19:12

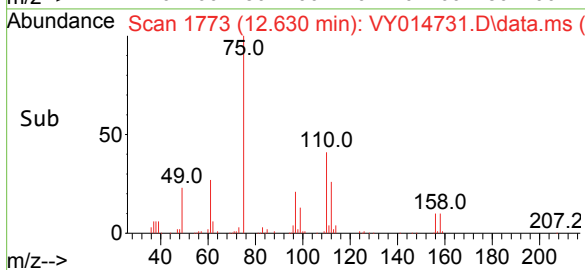
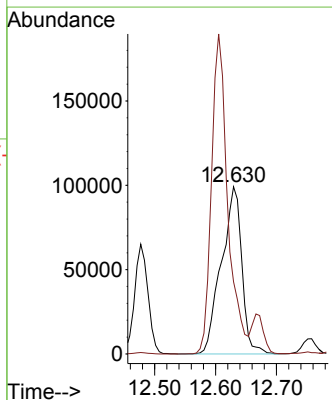
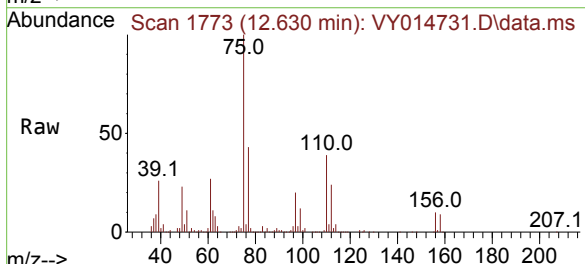
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

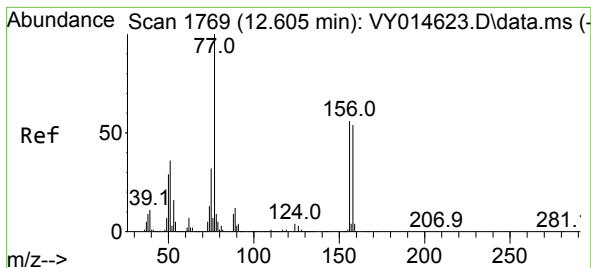
Tgt Ion: 83 Resp: 193422
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.4 16.2
 85 64.8 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 94.206 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY014731.D
 Acq: 20 Jul 2023 19:12

Tgt Ion: 75 Resp: 231189
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.035 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

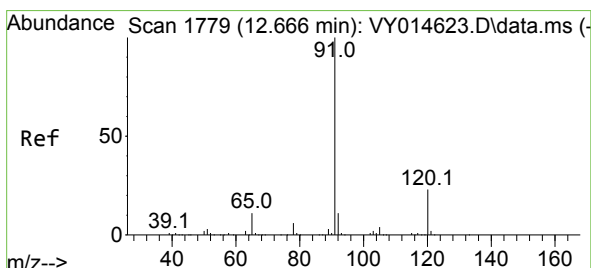
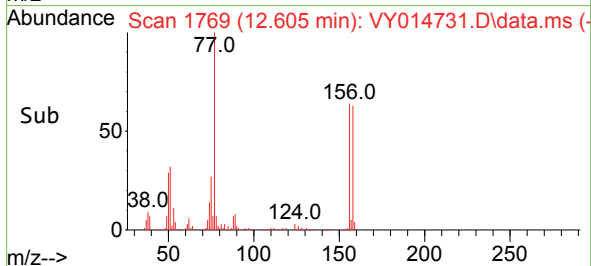
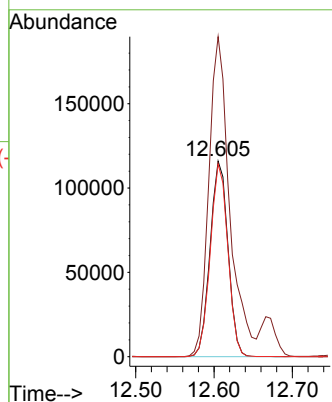
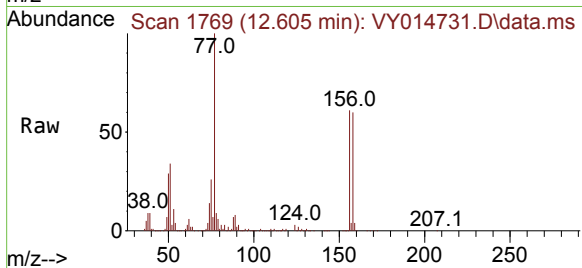
Tgt Ion:156 Resp: 184191

Ion Ratio Lower Upper

156 100

77 190.9 92.8 278.6

158 96.8 48.4 145.3



#78

n-propylbenzene

Concen: 47.279 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY014731.D

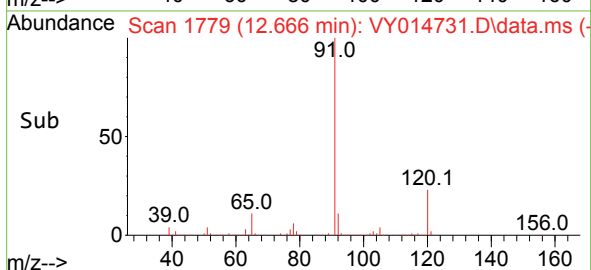
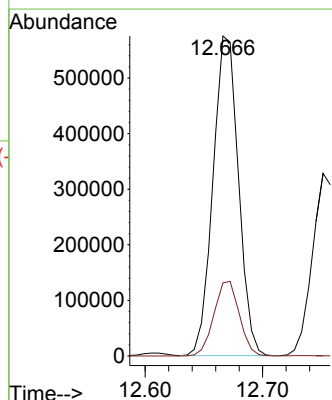
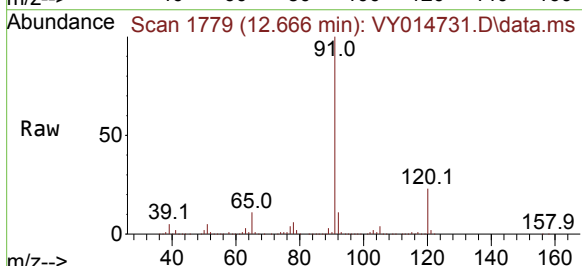
Acq: 20 Jul 2023 19:12

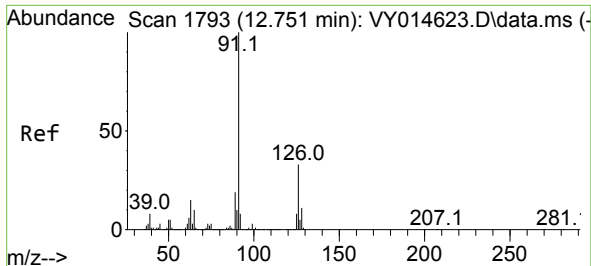
Tgt Ion: 91 Resp: 866807

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

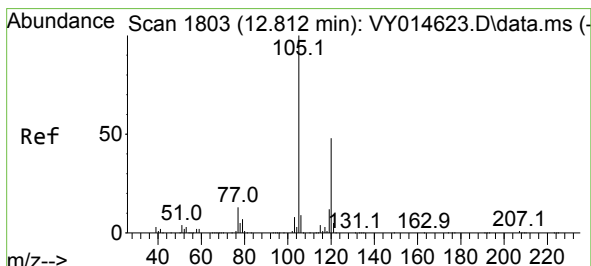
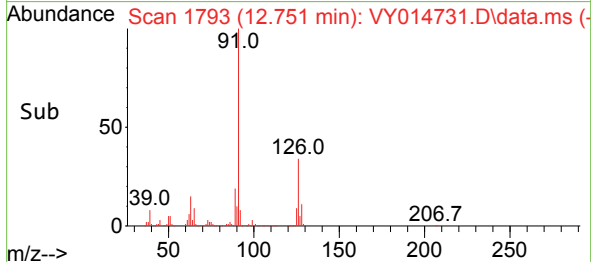
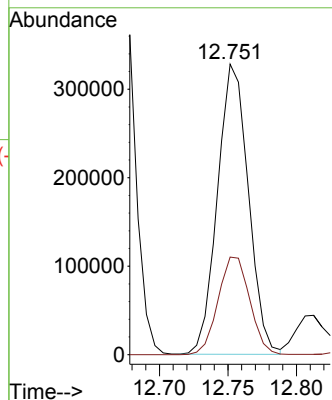
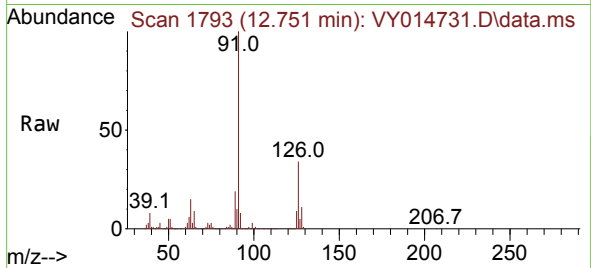




#79
2-Chlorotoluene
Concen: 48.838 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

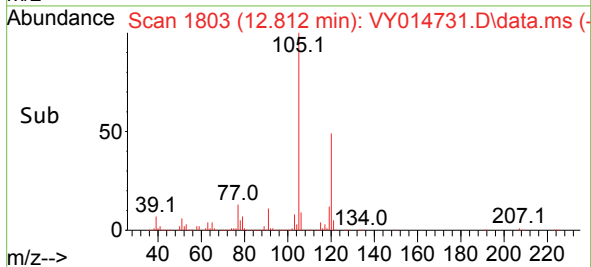
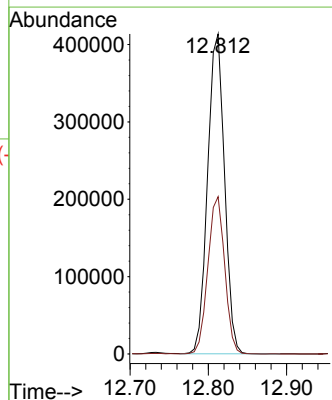
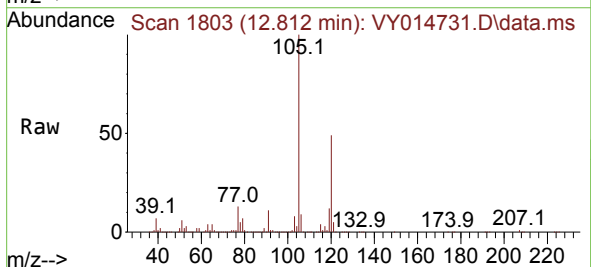
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

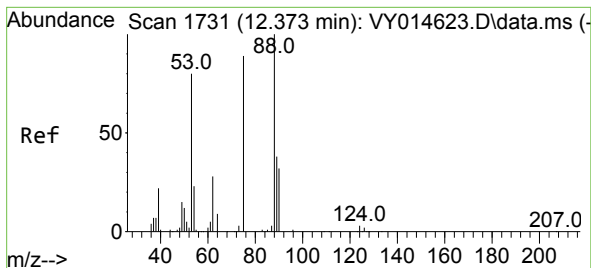
Tgt Ion: 91 Resp: 515729
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 48.721 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

Tgt Ion: 105 Resp: 619068
Ion Ratio Lower Upper
105 100
120 48.9 23.9 71.7

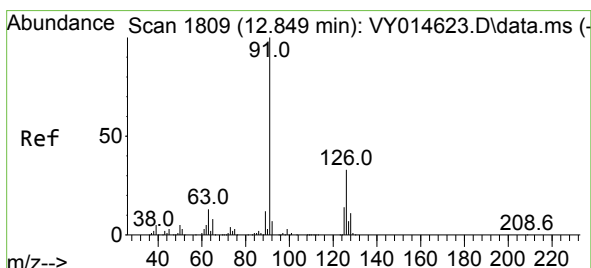
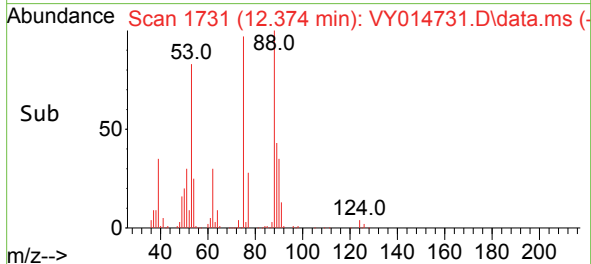
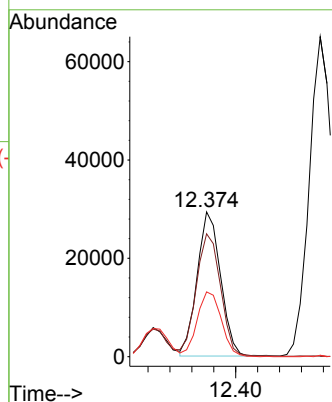
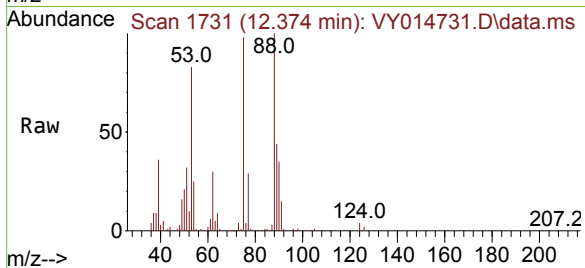




#81
trans-1,4-Dichloro-2-butene
Concen: 34.362 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.001 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

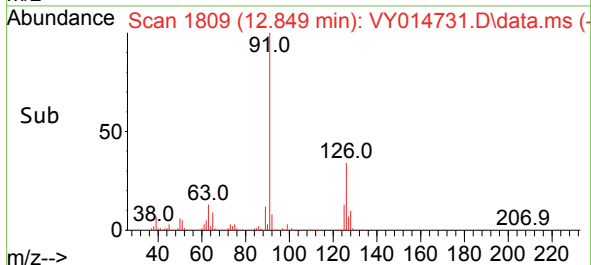
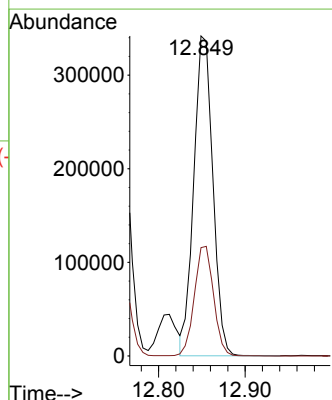
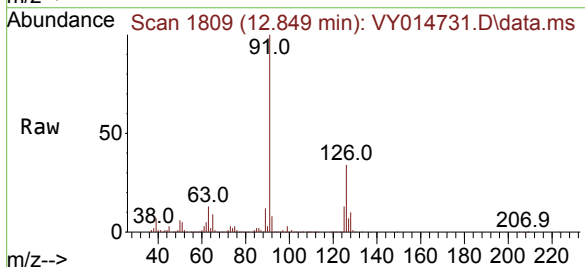
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

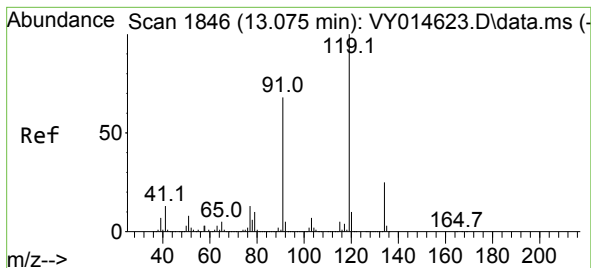
Tgt Ion: 75 Resp: 43554
Ion Ratio Lower Upper
75 100
53 88.3 77.8 116.8
89 46.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 48.076 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

Tgt Ion: 91 Resp: 522851
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 48.418 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

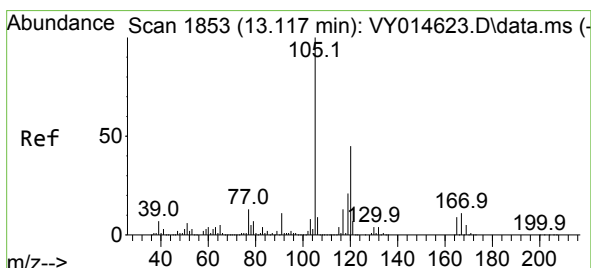
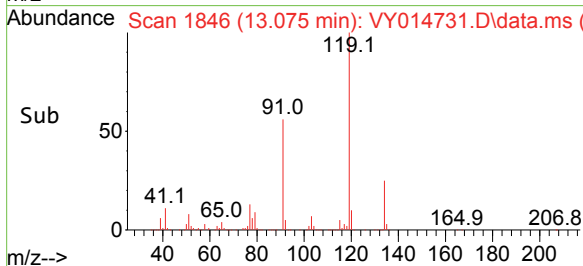
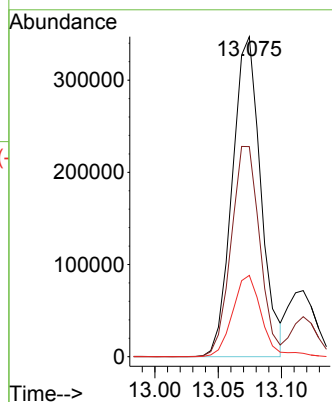
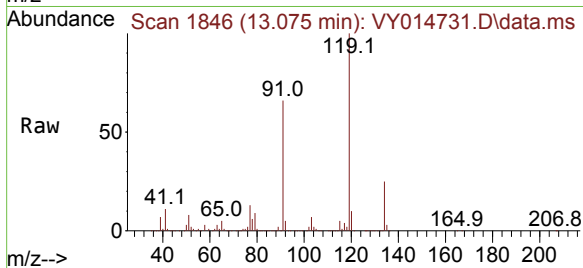
Tgt Ion:119 Resp: 545733

Ion Ratio Lower Upper

119 100

91 65.9 32.9 98.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 48.857 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014731.D

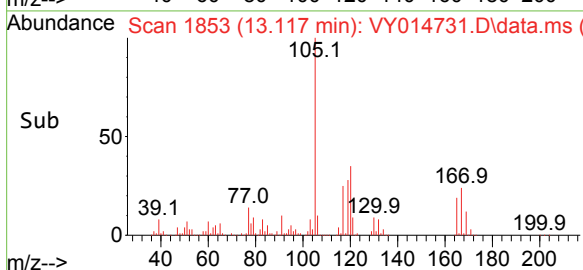
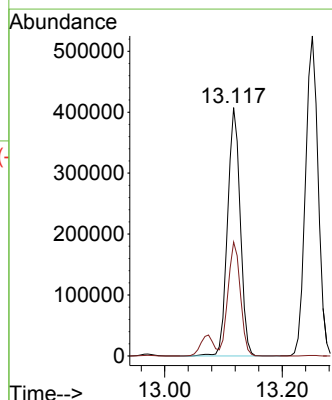
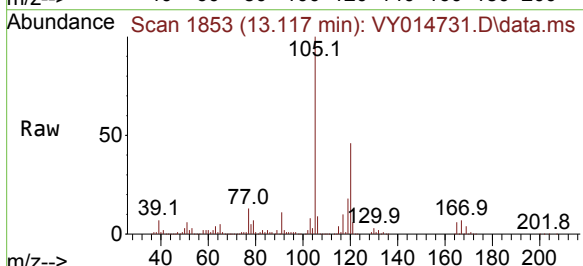
Acq: 20 Jul 2023 19:12

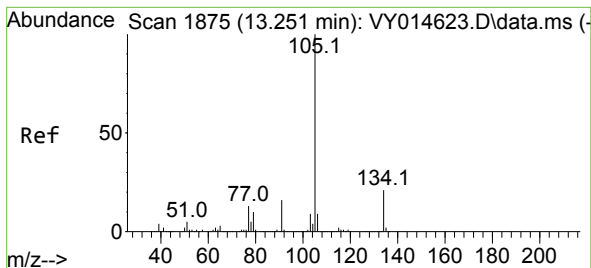
Tgt Ion:105 Resp: 609241

Ion Ratio Lower Upper

105 100

120 44.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 47.249 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

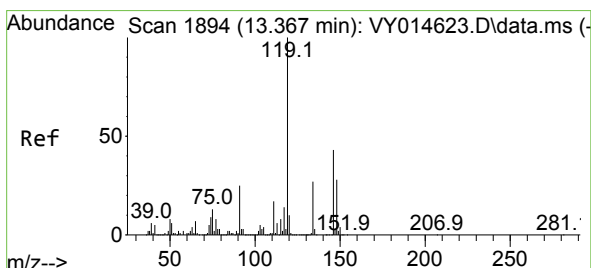
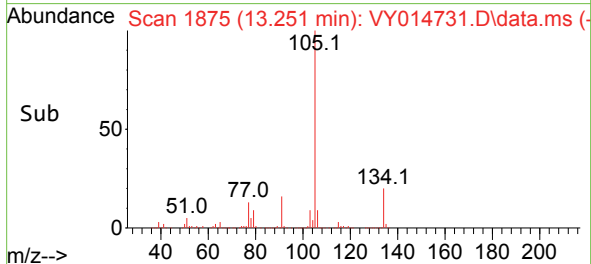
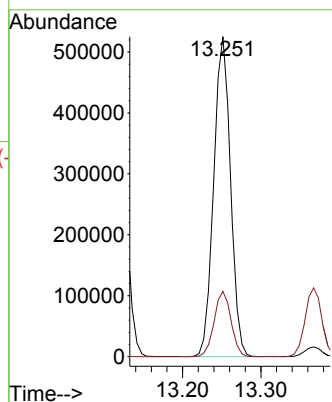
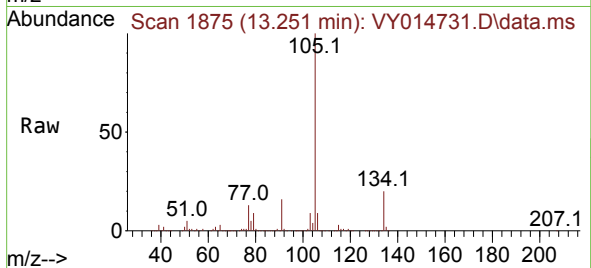
VSTDCCC050EC

Tgt Ion:105 Resp: 781231

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 46.680 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

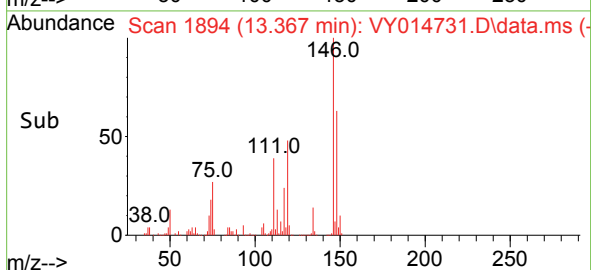
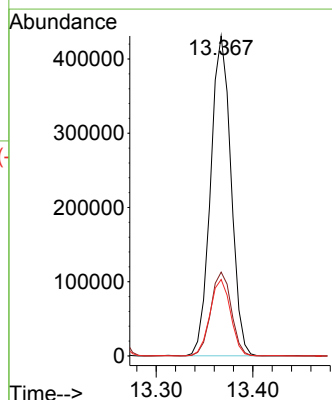
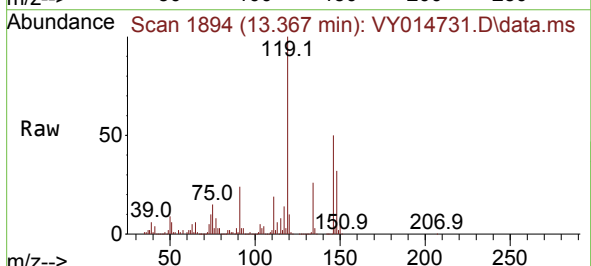
Tgt Ion:119 Resp: 630173

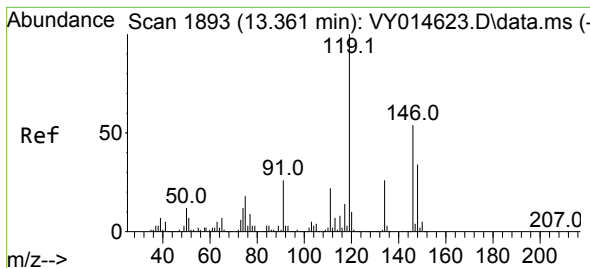
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 24.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 51.371 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

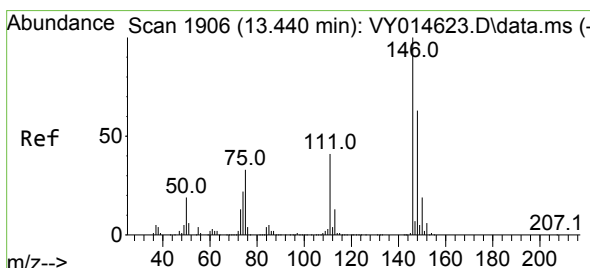
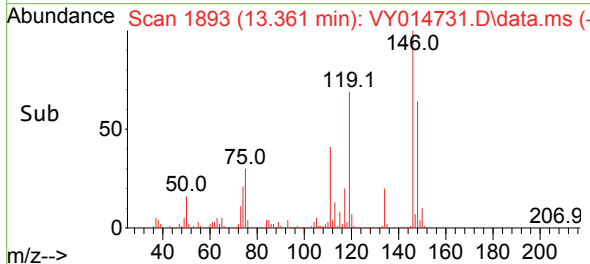
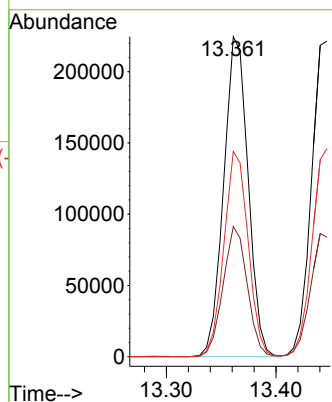
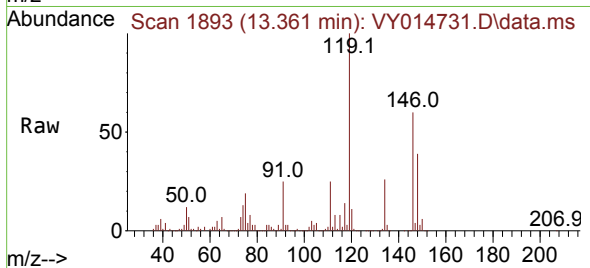
Tgt Ion:146 Resp: 347231

Ion Ratio Lower Upper

146 100

111 40.3 19.4 58.2

148 63.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 51.401 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

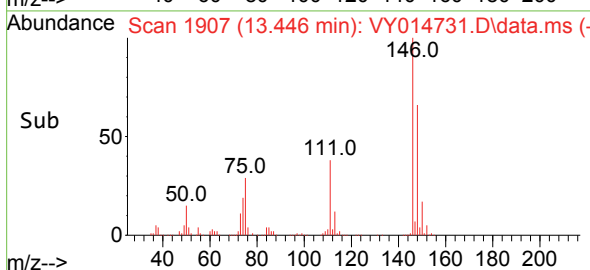
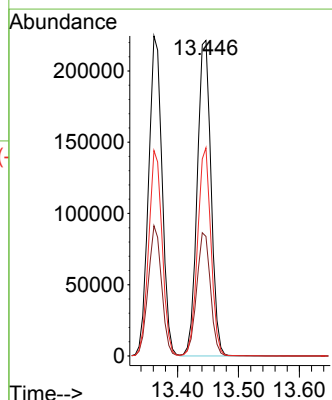
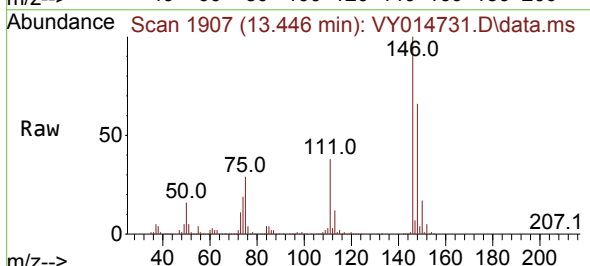
Tgt Ion:146 Resp: 348158

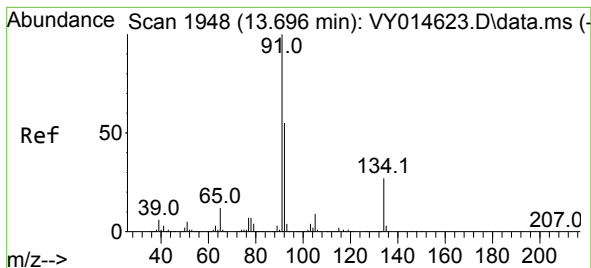
Ion Ratio Lower Upper

146 100

111 38.9 18.9 56.7

148 63.8 32.1 96.5

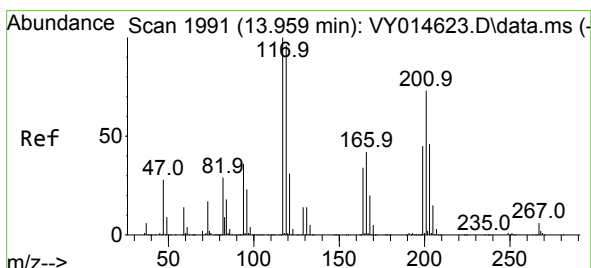
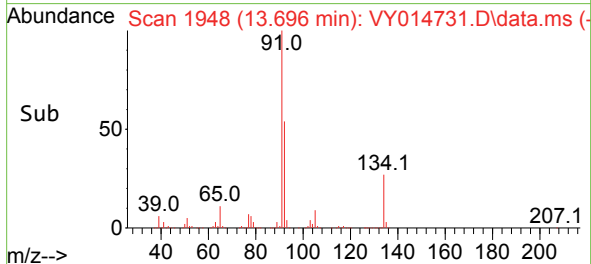
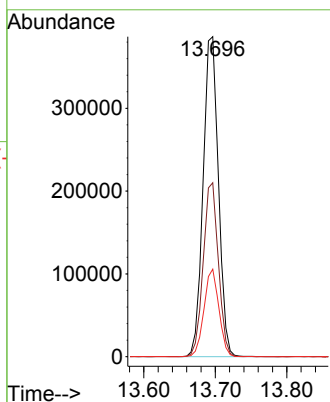
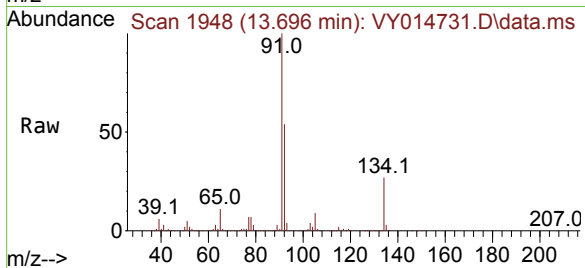




#89
n-Butylbenzene
Concen: 43.689 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

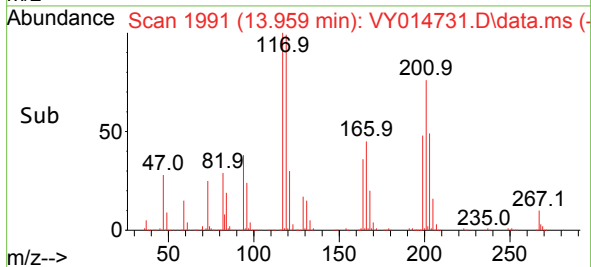
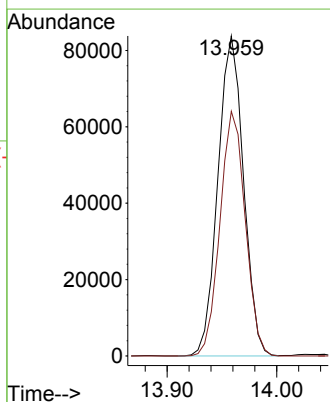
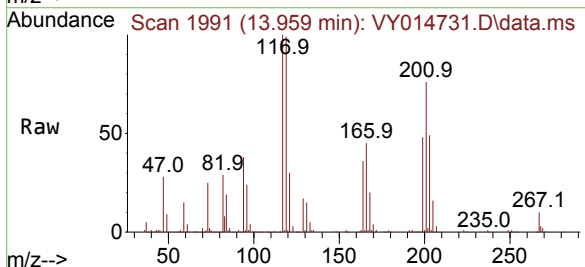
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

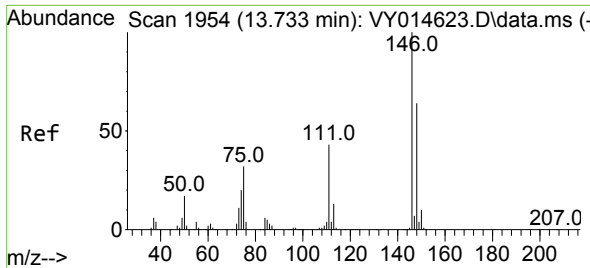
Tgt Ion: 91 Resp: 573809
Ion Ratio Lower Upper
91 100
92 53.9 25.4 76.0
134 26.7 12.6 37.6



#90
Hexachloroethane
Concen: 49.047 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY014731.D
Acq: 20 Jul 2023 19:12

Tgt Ion: 117 Resp: 136000
Ion Ratio Lower Upper
117 100
201 75.5 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 52.886 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

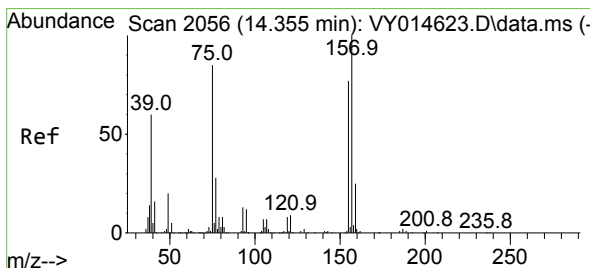
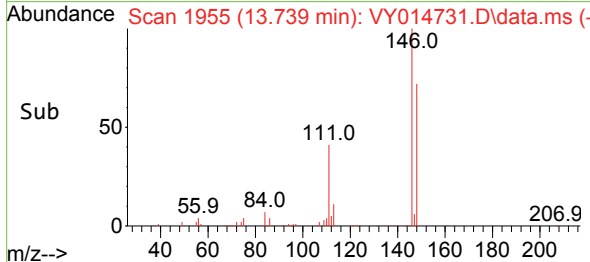
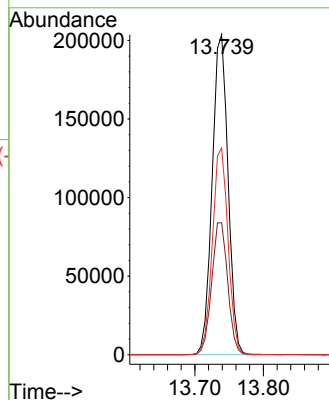
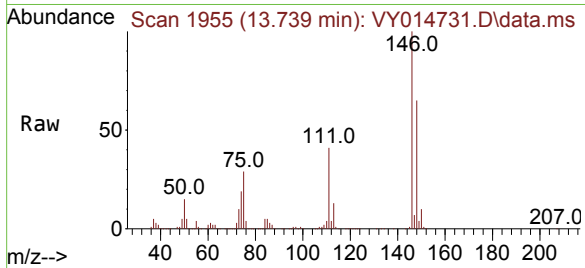
Tgt Ion:146 Resp: 327514

Ion Ratio Lower Upper

146 100

111 41.7 19.7 59.0

148 64.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.185 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

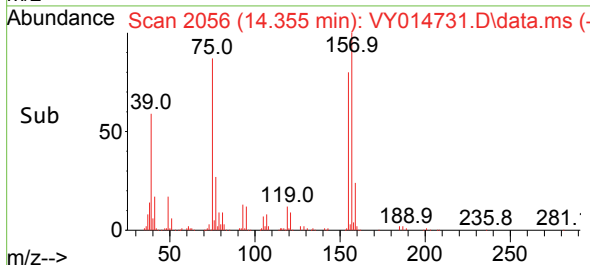
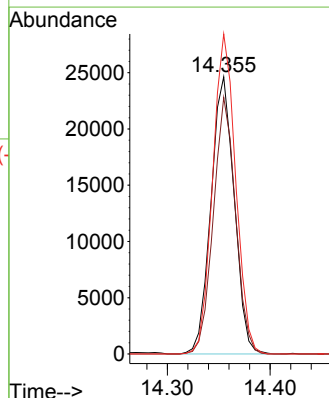
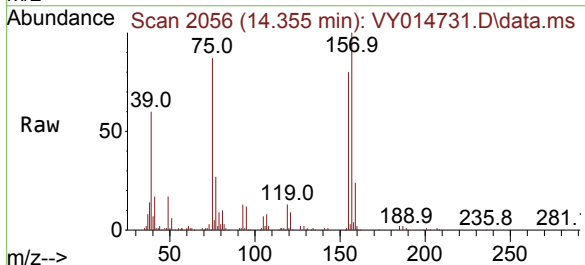
Tgt Ion: 75 Resp: 38607

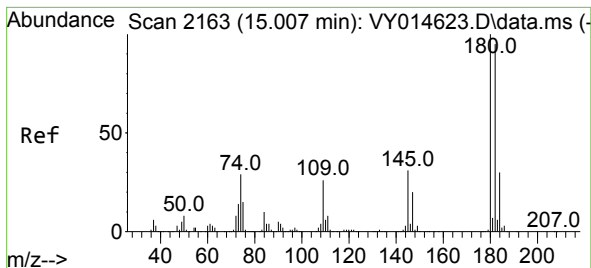
Ion Ratio Lower Upper

75 100

155 88.2 41.5 124.6

157 114.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.361 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

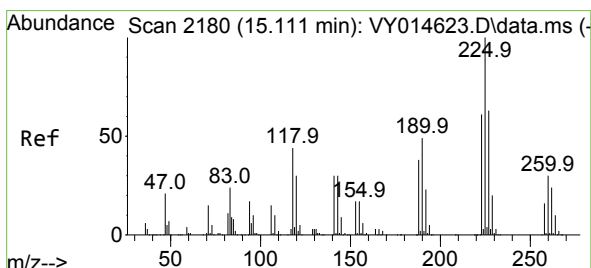
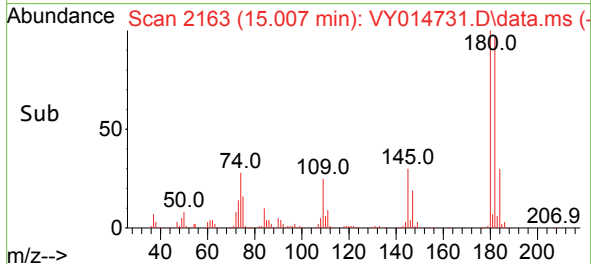
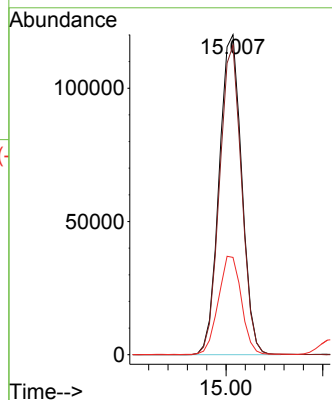
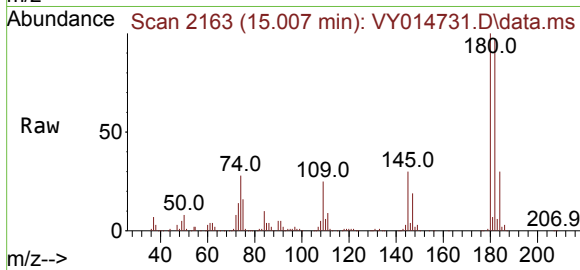
Tgt Ion:180 Resp: 194048

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

145 31.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 43.851 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

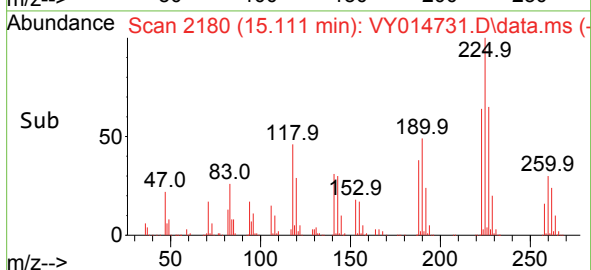
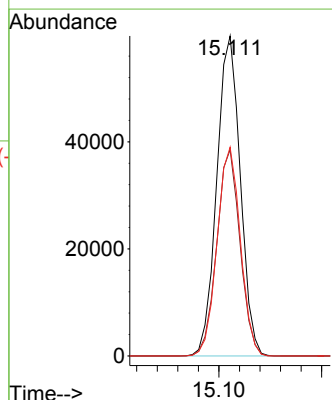
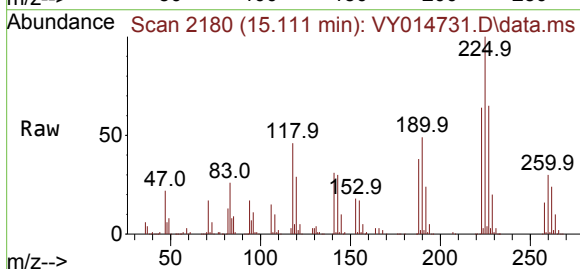
Tgt Ion:225 Resp: 94731

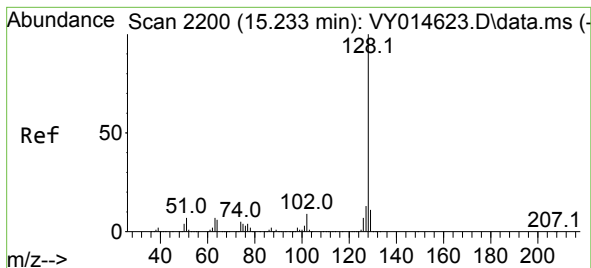
Ion Ratio Lower Upper

225 100

223 63.6 31.9 95.9

227 64.6 33.0 98.9





#95

Naphthalene

Concen: 57.924 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

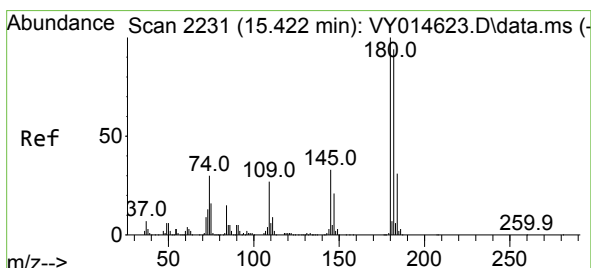
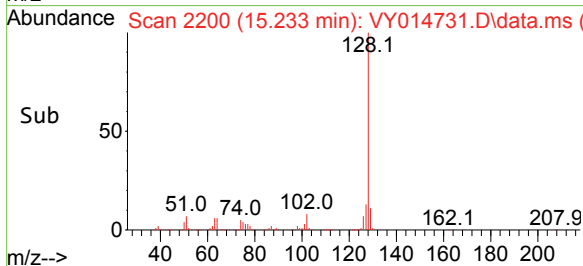
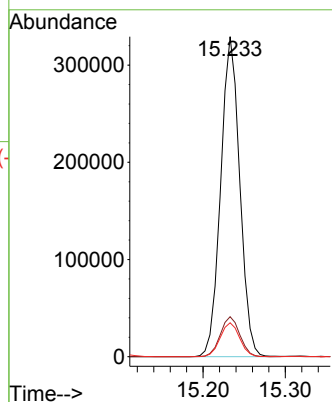
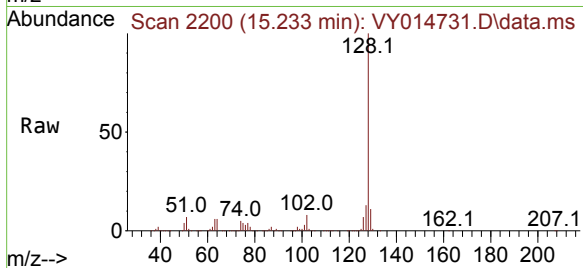
Tgt Ion:128 Resp: 530507

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.076 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014731.D

Acq: 20 Jul 2023 19:12

Tgt Ion:180 Resp: 181943

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.8

145 34.0 15.4 46.2

