

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
 Data File : VY014760.D
 Acq On : 21 Jul 2023 20:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 22 05:42:38 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	221567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	370218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	336477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	137940	54.633	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.260%	
35) Dibromofluoromethane	7.716	113	128856	54.676	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.360%	
50) Toluene-d8	10.179	98	462776	53.262	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.520%	
62) 4-Bromofluorobenzene	12.477	95	175648	52.722	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.440%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	76513	42.386	ug/l	97
3) Chloromethane	2.107	50	112711	55.546	ug/l	98
4) Vinyl Chloride	2.247	62	130963	57.749	ug/l	99
5) Bromomethane	2.637	94	92280	61.574	ug/l	100
6) Chloroethane	2.784	64	86038	60.737	ug/l	99
7) Trichlorofluoromethane	3.119	101	189733	49.815	ug/l	98
8) Diethyl Ether	3.521	74	72726	51.320	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	112068	48.005	ug/l	96
10) Methyl Iodide	4.082	142	120783	48.863	ug/l	98
11) Tert butyl alcohol	4.960	59	119640	226.884	ug/l #	82
12) 1,1-Dichloroethene	3.863	96	104309	47.807	ug/l	90
13) Acrolein	3.729	56	50931	192.997	ug/l	98
14) Allyl chloride	4.472	41	173808	44.865	ug/l	97
15) Acrylonitrile	5.161	53	219998	281.525	ug/l	98
16) Acetone	3.948	43	178581	223.201	ug/l	92
17) Carbon Disulfide	4.186	76	272603	43.640	ug/l	100
18) Methyl Acetate	4.472	43	178634	58.180	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	373581	52.710	ug/l	100
20) Methylene Chloride	4.710	84	135163	52.187	ug/l	92
21) trans-1,2-Dichloroethene	5.216	96	121452	49.050	ug/l	96
22) Diisopropyl ether	6.118	45	389687	49.476	ug/l	91
23) Vinyl Acetate	6.057	43	1167497	247.698	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	222306	49.328	ug/l	98
25) 2-Butanone	6.984	43	306294	261.672	ug/l	95
26) 2,2-Dichloropropane	6.978	77	183080	42.625	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	147416	51.148	ug/l	93
28) Bromochloromethane	7.332	49	101173	52.126	ug/l	91
29) Tetrahydrofuran	7.344	42	203551	282.413	ug/l	91
30) Chloroform	7.502	83	239049	51.438	ug/l	98
31) Cyclohexane	7.783	56	178478	42.583	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	208776	49.915	ug/l	98
36) 1,1-Dichloropropene	7.917	75	169208	48.010	ug/l	99
37) Ethyl Acetate	7.069	43	131893	54.354	ug/l #	95
38) Carbon Tetrachloride	7.899	117	184778	49.597	ug/l	99
39) Methylcyclohexane	9.179	83	207110	45.106	ug/l	96
40) Benzene	8.161	78	498824	49.765	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	186248	149.224	ug/l #	28
42) 1,2-Dichloroethane	8.234	62	164963	51.970	ug/l	96
43) Isopropyl Acetate	8.270	43	240625	52.057	ug/l	96
44) Trichloroethene	8.941	130	141249	50.365	ug/l	98
45) 1,2-Dichloropropane	9.215	63	127936	48.879	ug/l	97
46) Dibromomethane	9.301	93	84195	53.025	ug/l	96
47) Bromodichloromethane	9.496	83	190797	50.983	ug/l	99
48) Methyl methacrylate	9.289	41	109441	52.618	ug/l	92
49) 1,4-Dioxane	9.295	88	29445	1137.264	ug/l #	62
51) 4-Methyl-2-Pentanone	10.069	43	685574	282.486	ug/l	94
52) Toluene	10.240	92	322463	50.274	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	199035	48.622	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	214665	48.222	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	118270	53.472	ug/l	96
56) Ethyl methacrylate	10.508	69	178648	52.901	ug/l	91
57) 1,3-Dichloropropane	10.788	76	196655	51.549	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	409229	260.073	ug/l	94
59) 2-Hexanone	10.831	43	496503	280.534	ug/l	91
60) Dibromochloromethane	10.983	129	143533	52.929	ug/l	99
61) 1,2-Dibromoethane	11.087	107	119146	53.998	ug/l	99
64) Tetrachloroethene	10.715	164	145227	53.665	ug/l	97
65) Chlorobenzene	11.514	112	356549	49.726	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	137845	50.988	ug/l	99
67) Ethyl Benzene	11.593	91	629333	48.612	ug/l	99
68) m/p-Xylenes	11.697	106	488331	98.817	ug/l	96
69) o-Xylene	12.026	106	237514	49.345	ug/l	100
70) Styrene	12.044	104	409010	50.417	ug/l	98
71) Bromoform	12.209	173	97547	53.232	ug/l #	100
73) Isopropylbenzene	12.325	105	628253	47.154	ug/l	100
74) N-amyl acetate	12.142	43	219076	49.095	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	152460	50.179	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	199616	92.886	ug/l #	100
77) Bromobenzene	12.605	156	150939	49.630	ug/l	97
78) n-propylbenzene	12.672	91	750524	46.747	ug/l	99
79) 2-Chlorotoluene	12.757	91	430759	46.582	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	528214	47.471	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	49785	44.854	ug/l	94
82) 4-Chlorotoluene	12.855	91	445490	46.776	ug/l	100
83) tert-Butylbenzene	13.074	119	465131	47.124	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	521209	47.730	ug/l	99
85) sec-Butylbenzene	13.251	105	687109	47.455	ug/l	99
86) p-Isopropyltoluene	13.367	119	572705	48.445	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	291888	49.313	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	293311	49.450	ug/l	99
89) n-Butylbenzene	13.696	91	541548	47.085	ug/l	96
90) Hexachloroethane	13.958	117	113189	46.614	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	272236	50.199	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	30462	52.426	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	172489	50.105	ug/l	98
94) Hexachlorobutadiene	15.111	225	91600	48.420	ug/l	99
95) Naphthalene	15.233	128	430842	53.719	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	155086	50.690	ug/l	99

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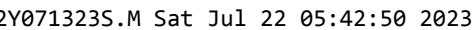
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

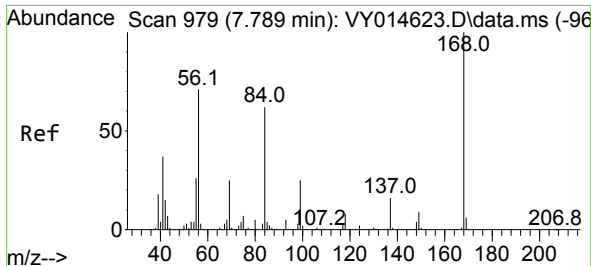
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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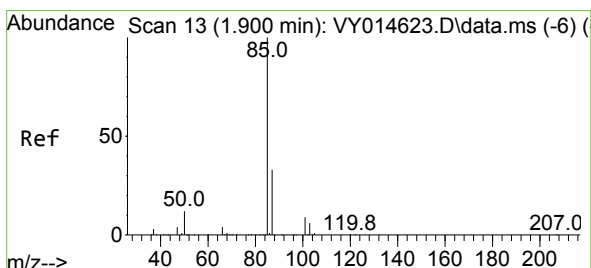
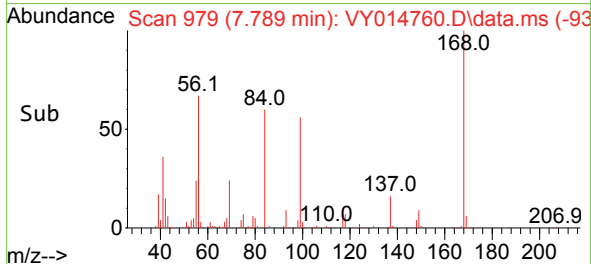
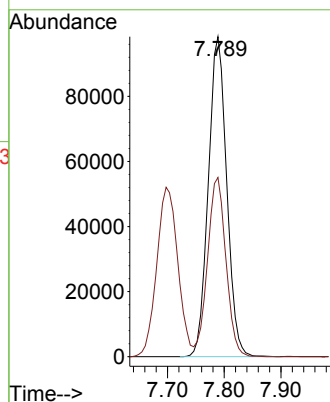
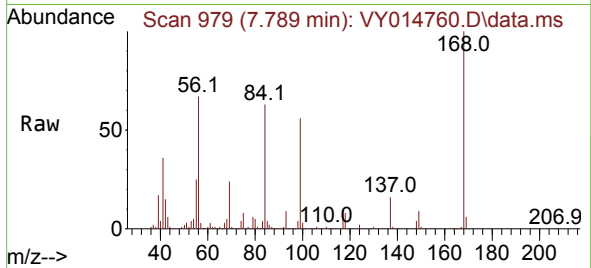




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

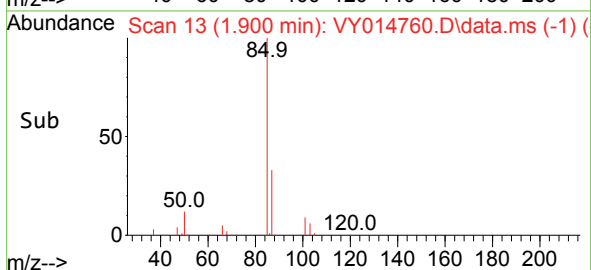
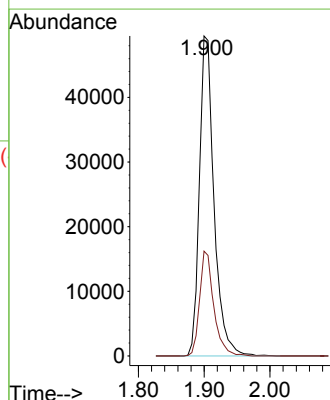
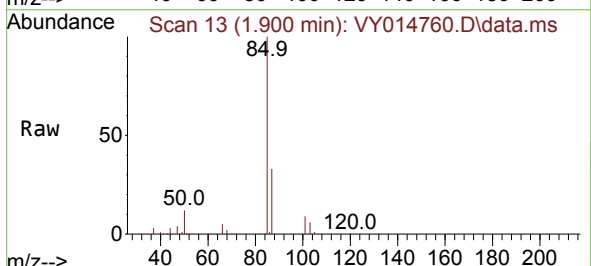
Instrument :
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VSTDCCC050EC

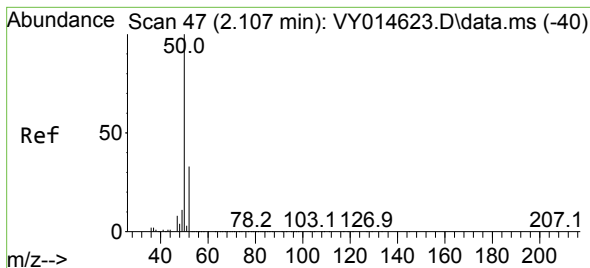
Tgt Ion:168 Resp: 221567
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 42.386 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

Tgt Ion: 85 Resp: 76513
Ion Ratio Lower Upper
85 100
87 32.8 15.6 46.8





#3

Chloromethane

Concen: 55.546 ug/l

RT: 2.107 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY014760.D

Acq: 21 Jul 2023 20:27

Instrument :

MSVOA_Y

ClientSampleId :

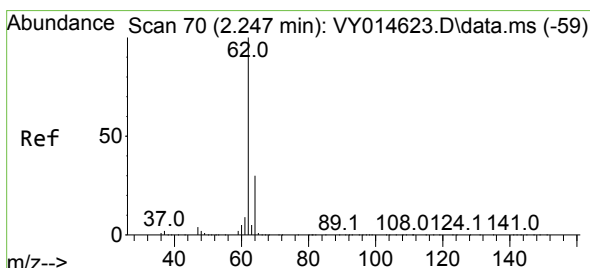
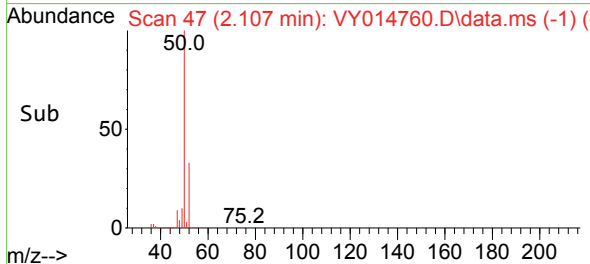
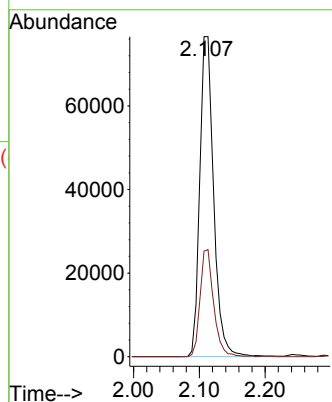
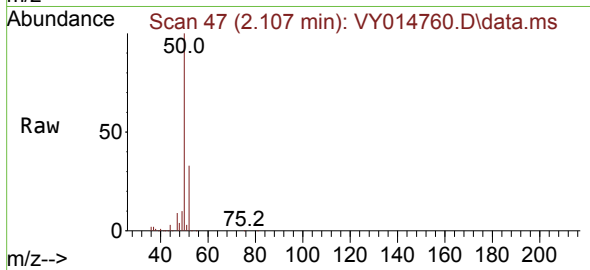
VSTDCCC050EC

Tgt Ion: 50 Resp: 112711

Ion Ratio Lower Upper

50 100

52 33.0 25.4 38.2



#4

Vinyl Chloride

Concen: 57.749 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY014760.D

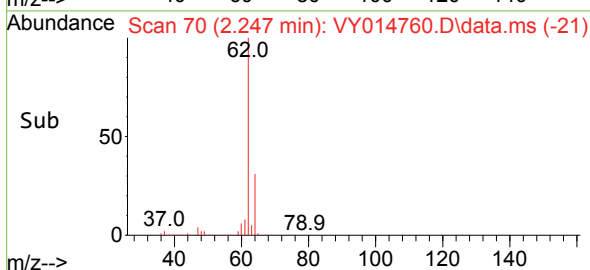
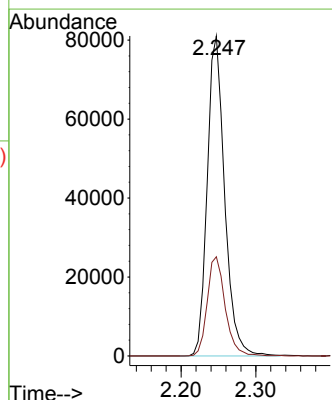
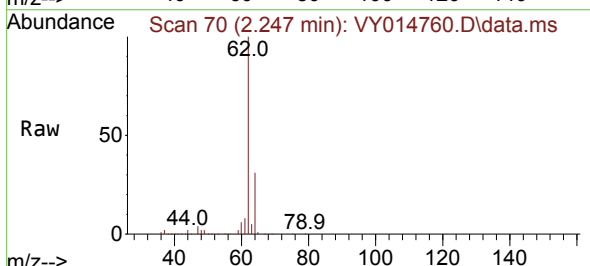
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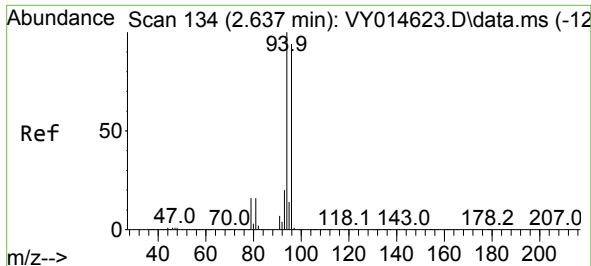
Tgt Ion: 62 Resp: 130963

Ion Ratio Lower Upper

62 100

64 31.0 24.3 36.5

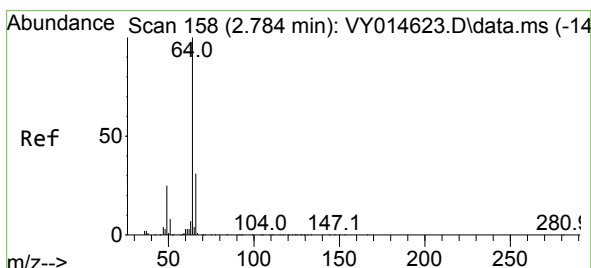
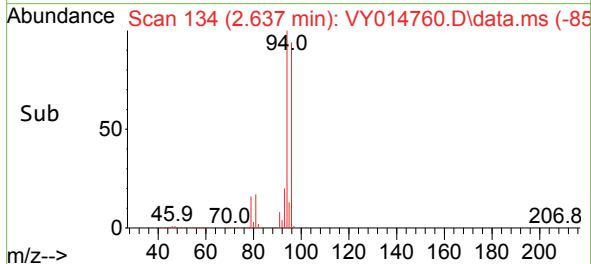
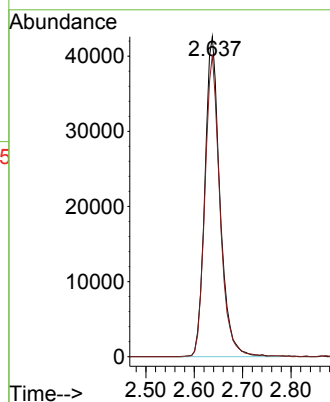
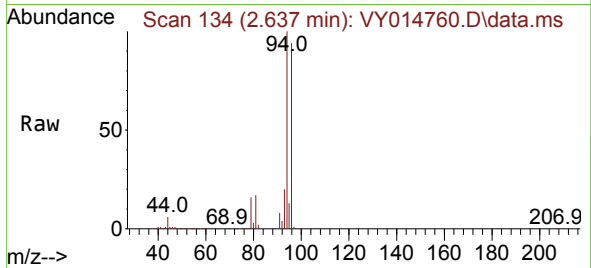




#5
Bromomethane
Concen: 61.574 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

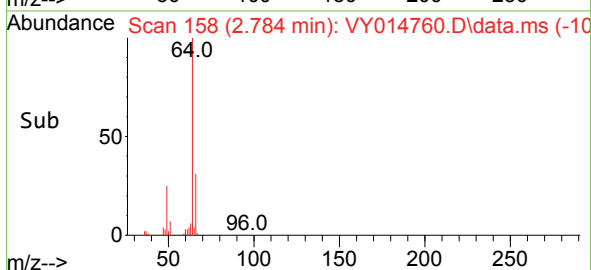
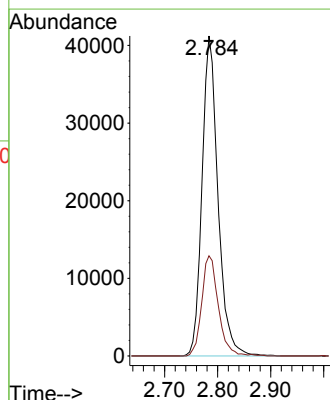
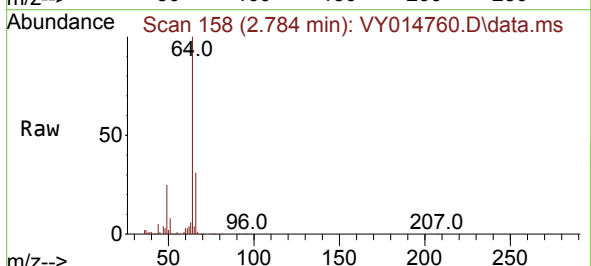
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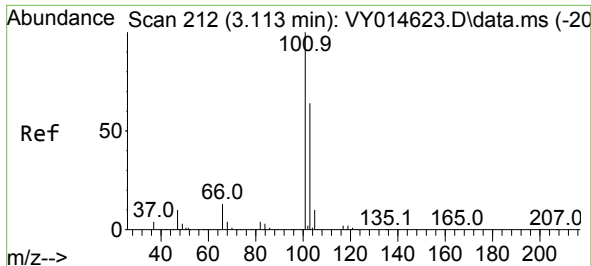
Tgt Ion: 94 Resp: 92280
Ion Ratio Lower Upper
94 100
96 94.3 75.8 113.6



#6
Chloroethane
Concen: 60.737 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

Tgt Ion: 64 Resp: 86038
Ion Ratio Lower Upper
64 100
66 31.3 24.4 36.6

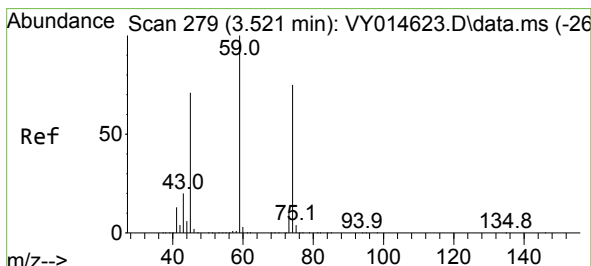
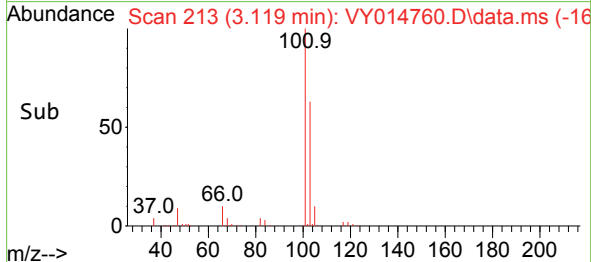
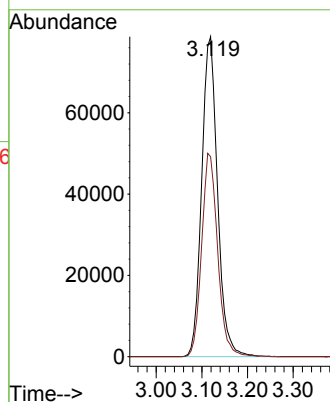
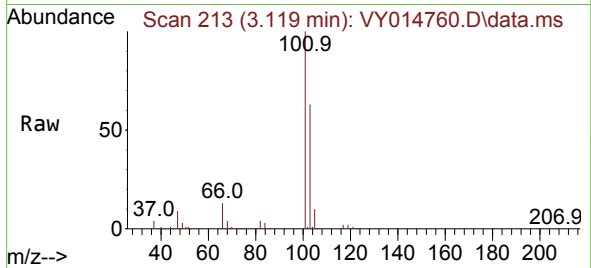




#7
 Trichlorofluoromethane
 Concen: 49.815 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY014760.D
 Acq: 21 Jul 2023 20:27

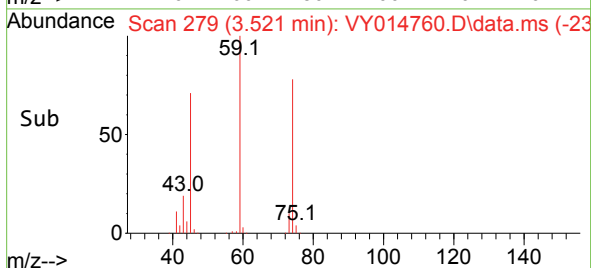
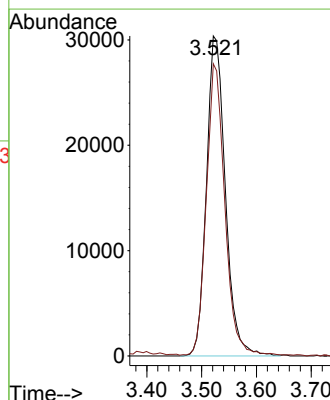
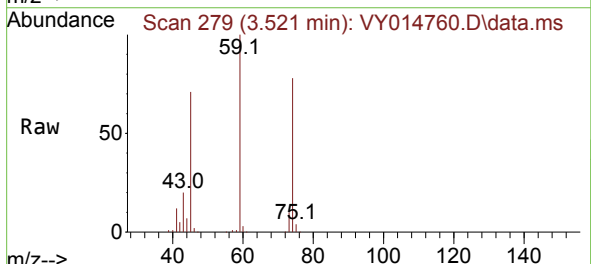
Instrument :
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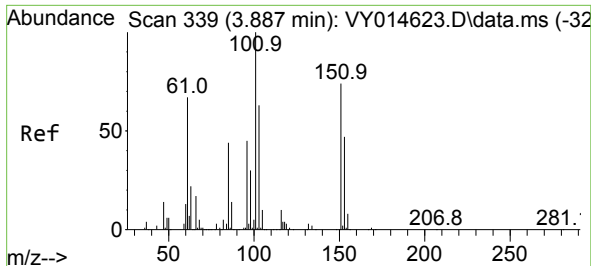
Tgt Ion:101 Resp: 189733
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.4 77.0



#8
 Diethyl Ether
 Concen: 51.320 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY014760.D
 Acq: 21 Jul 2023 20:27

Tgt Ion: 74 Resp: 72726
 Ion Ratio Lower Upper
 74 100
 45 88.7 51.5 154.5

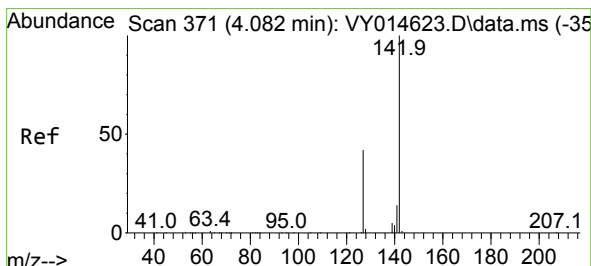
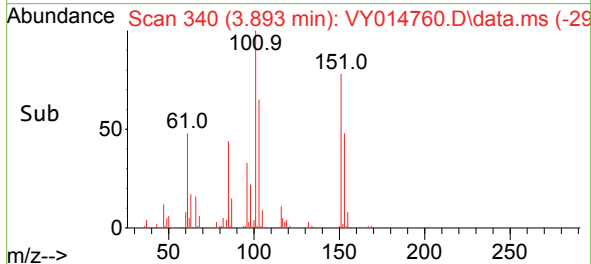
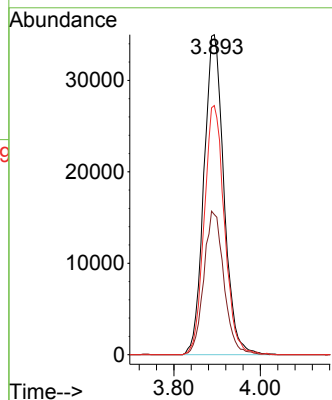
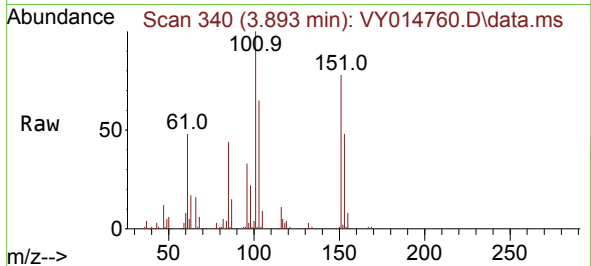




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.005 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

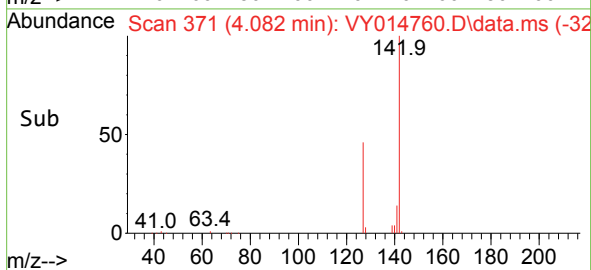
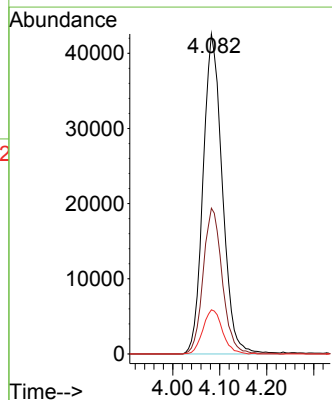
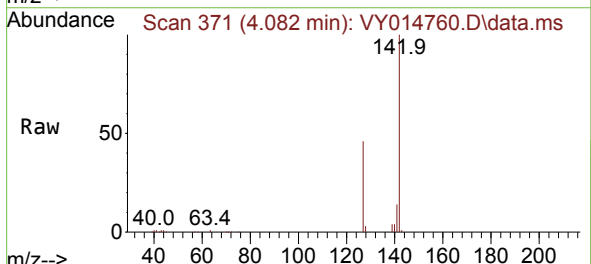
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

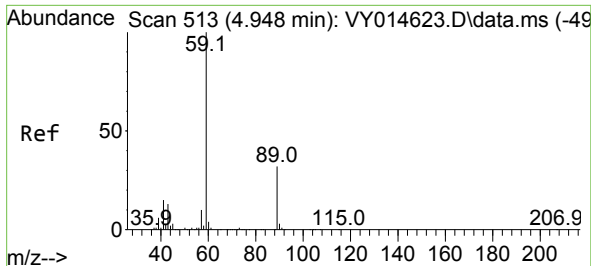
Tgt Ion:101 Resp: 112068
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 78.9 67.0 100.6



#10
Methyl Iodide
Concen: 48.863 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

Tgt Ion:142 Resp: 120783
Ion Ratio Lower Upper
142 100
127 45.2 37.6 56.4
141 14.1 11.8 17.8

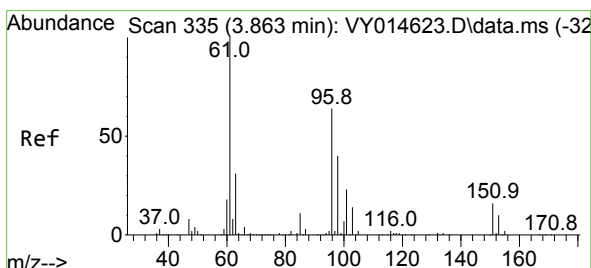
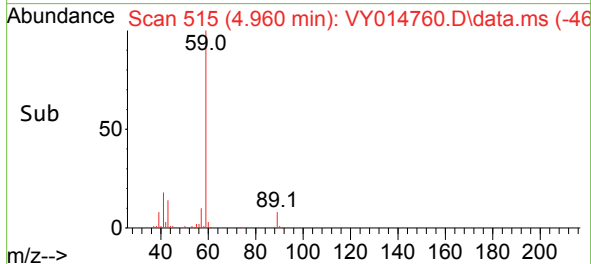
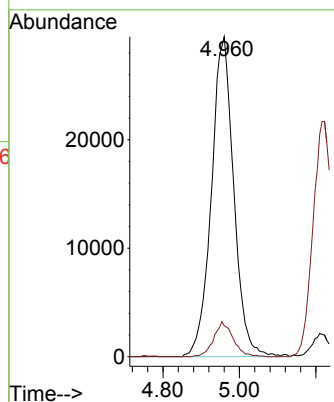
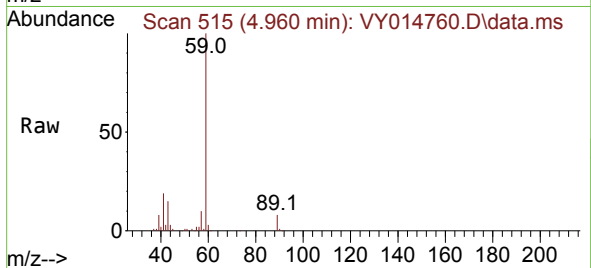




#11
Tert butyl alcohol
Concen: 226.884 ug/l
RT: 4.960 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

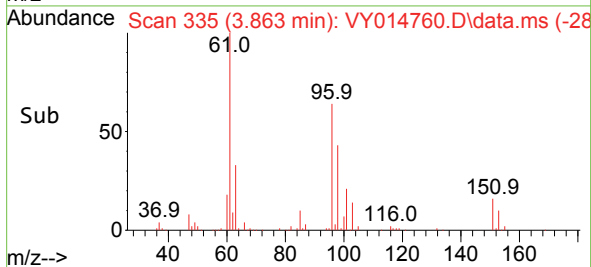
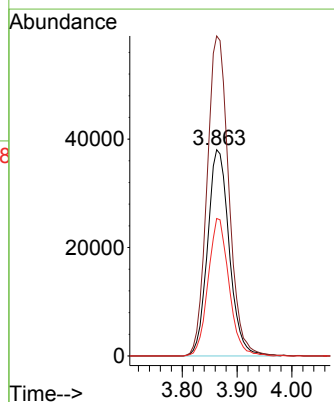
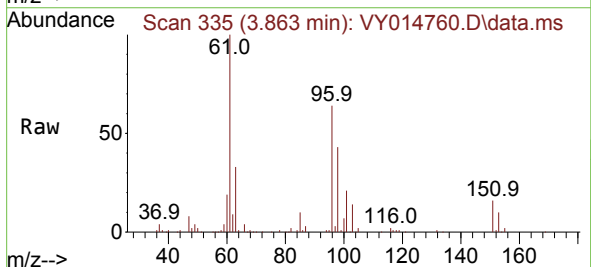
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

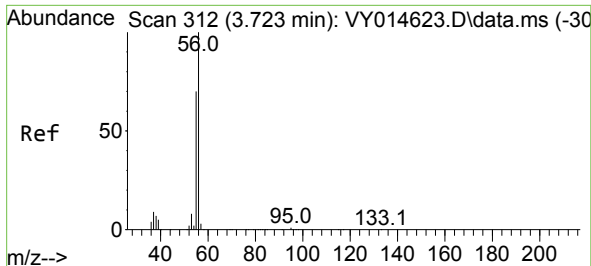
Tgt Ion: 59 Resp: 119640
Ion Ratio Lower Upper
59 100
57 9.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.807 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

Tgt Ion: 96 Resp: 104309
Ion Ratio Lower Upper
96 100
61 155.2 136.4 204.6
98 66.7 49.4 74.2





#13

Acrolein

Concen: 192.997 ug/l

RT: 3.729 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY014760.D

Acq: 21 Jul 2023 20:27

Instrument :

MSVOA_Y

ClientSampleId :

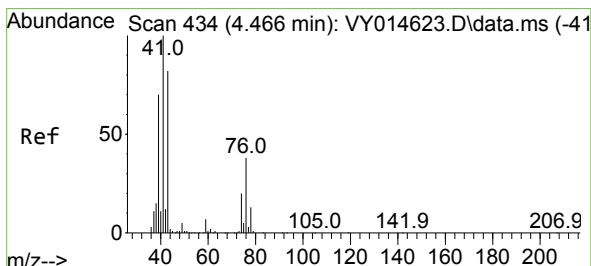
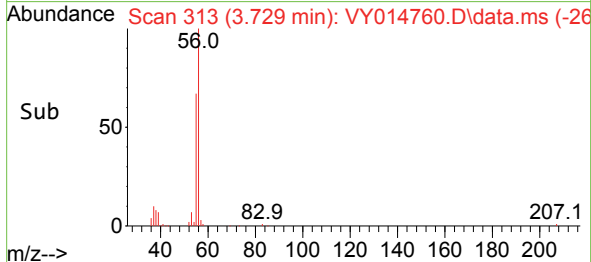
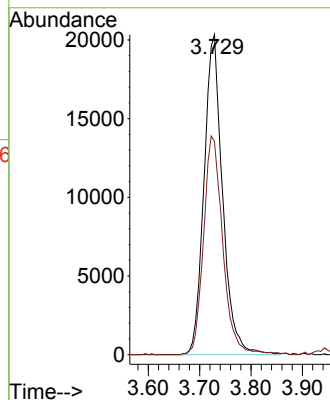
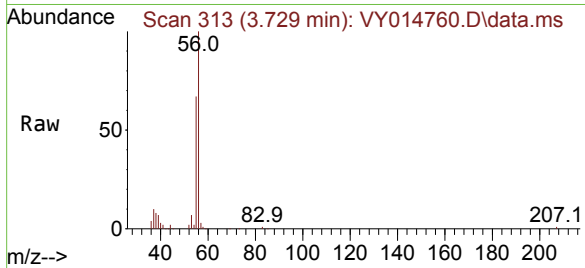
VSTDCCC050EC

Tgt Ion: 56 Resp: 50931

Ion Ratio Lower Upper

56 100

55 69.8 57.0 85.4



#14

Allyl chloride

Concen: 44.865 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY014760.D

Acq: 21 Jul 2023 20:27

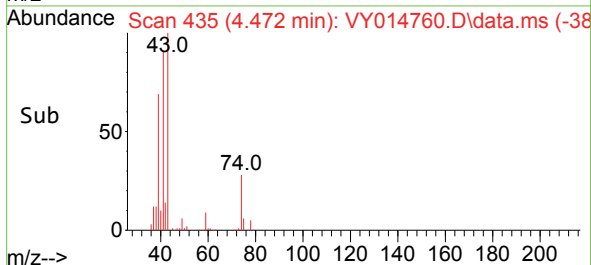
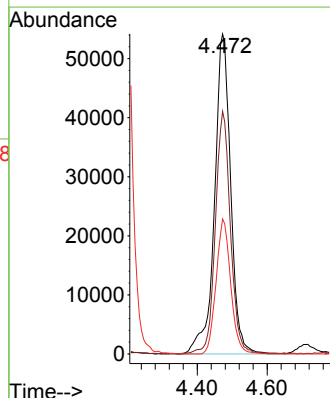
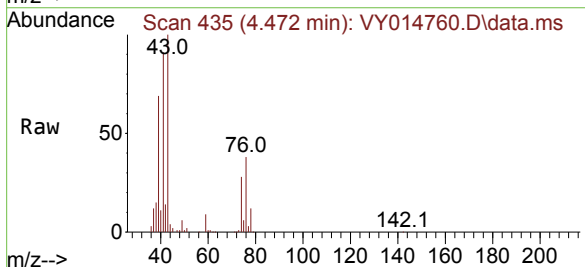
Tgt Ion: 41 Resp: 173808

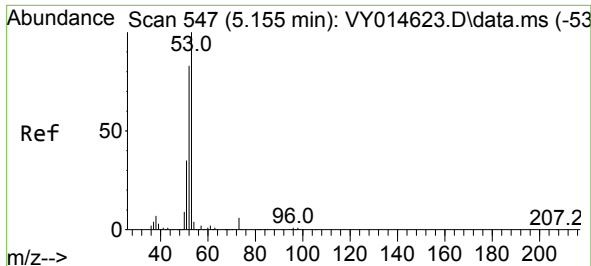
Ion Ratio Lower Upper

41 100

39 70.9 58.0 87.0

76 38.1 27.4 41.2

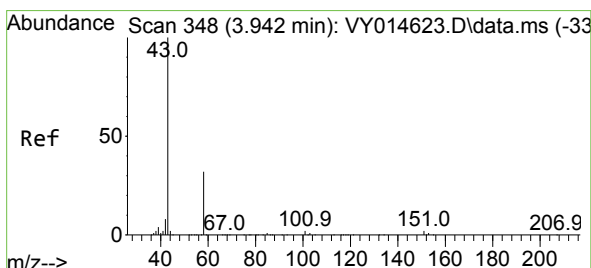
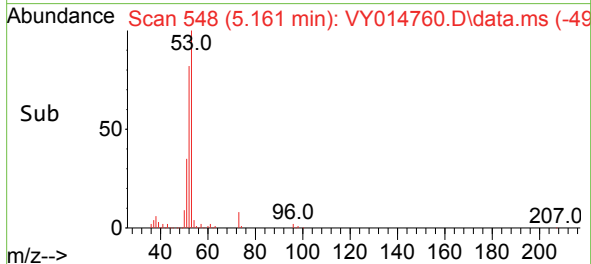
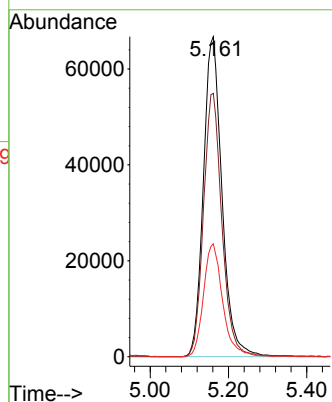
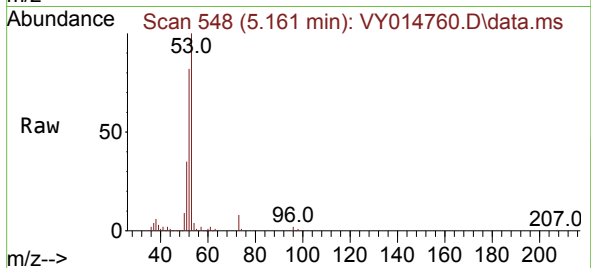




#15
Acrylonitrile
Concen: 281.525 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

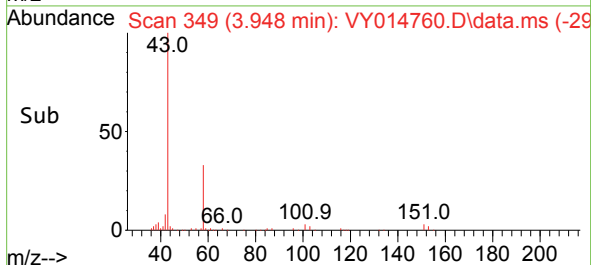
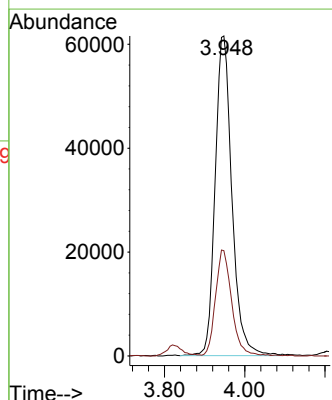
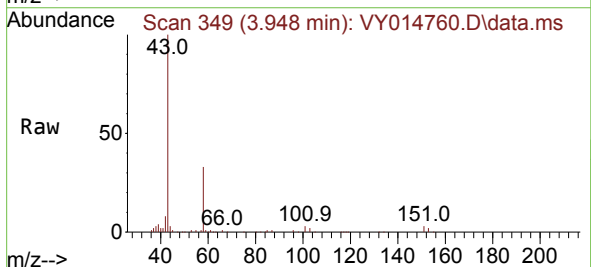
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

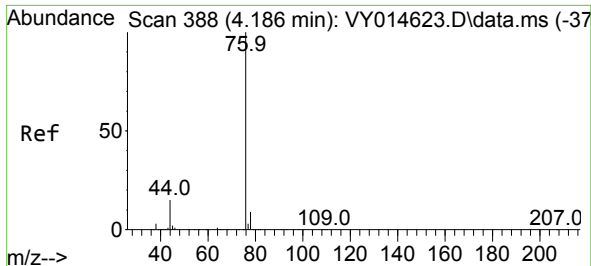
Tgt Ion: 53 Resp: 219998
Ion Ratio Lower Upper
53 100
52 81.4 66.9 100.3
51 36.4 29.8 44.6



#16
Acetone
Concen: 223.201 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

Tgt Ion: 43 Resp: 178581
Ion Ratio Lower Upper
43 100
58 32.8 22.7 34.1

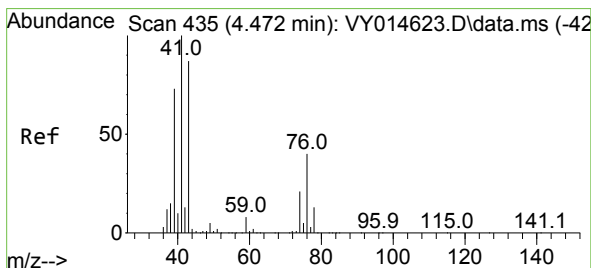
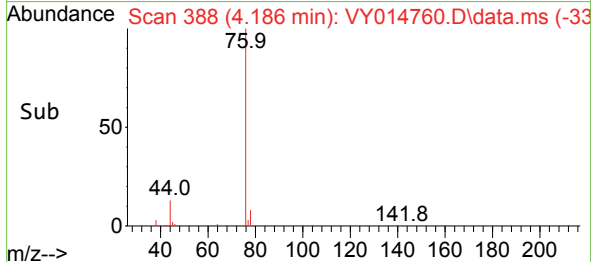
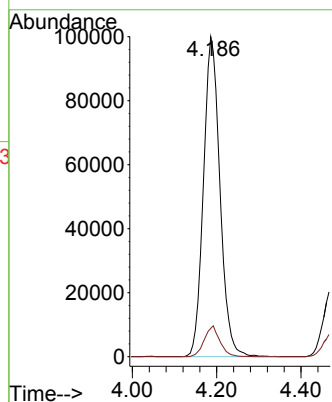
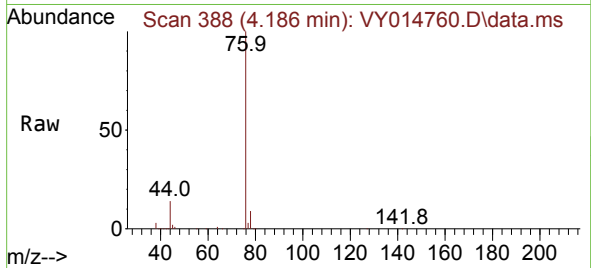




#17
Carbon Disulfide
Concen: 43.640 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

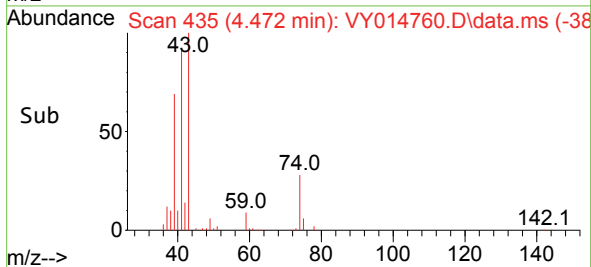
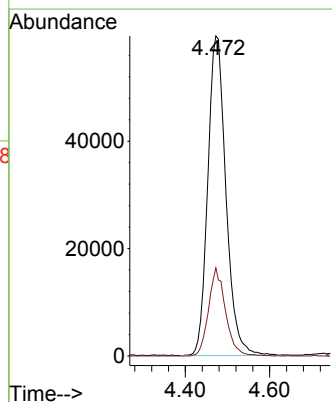
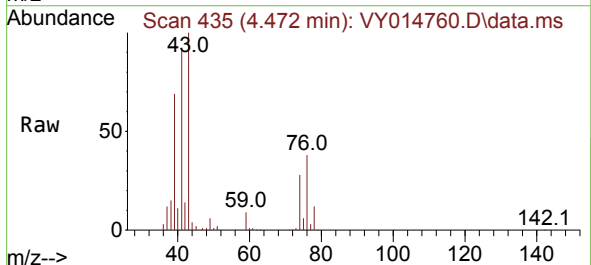
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

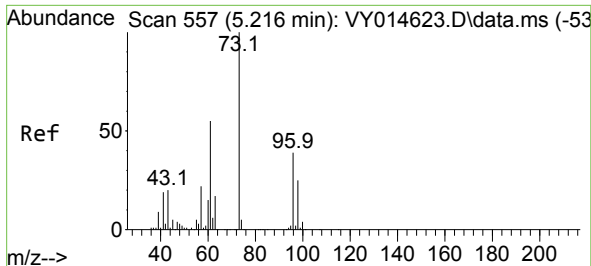
Tgt Ion: 76 Resp: 272603
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 58.180 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

Tgt Ion: 43 Resp: 178634
Ion Ratio Lower Upper
43 100
74 25.7 17.4 26.0

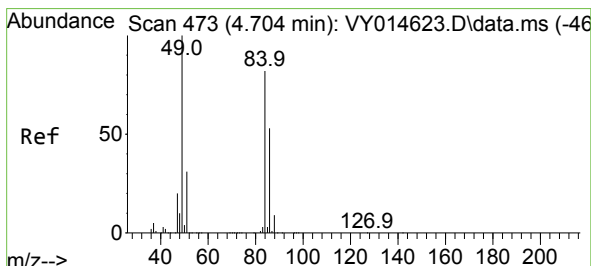
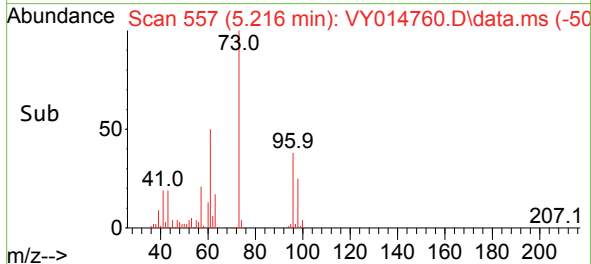
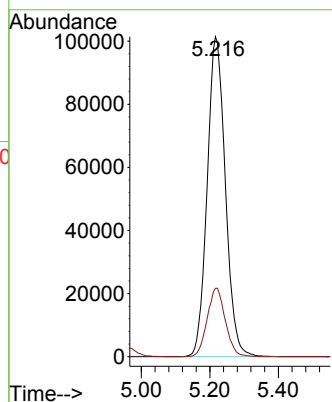
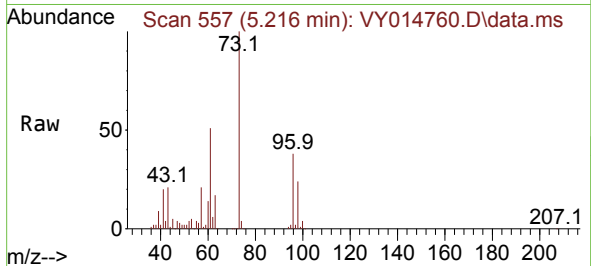




#19
Methyl tert-butyl Ether
Concen: 52.710 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

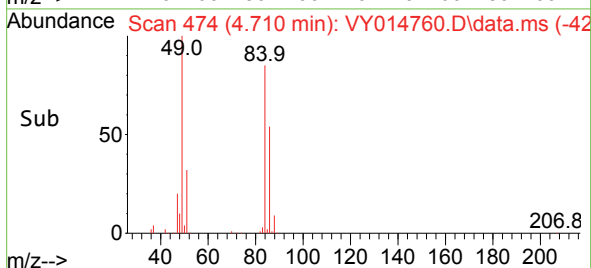
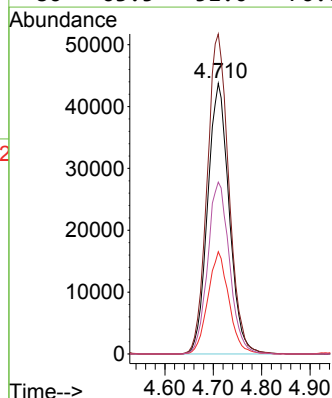
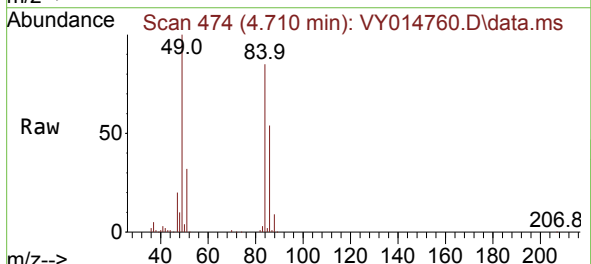
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

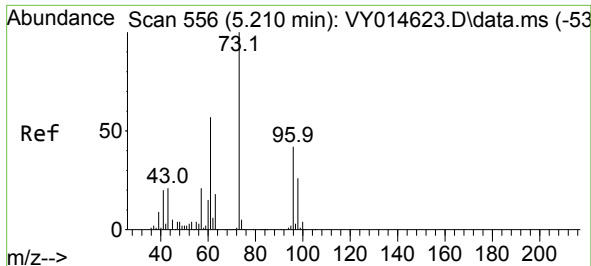
Tgt Ion: 73 Resp: 373581
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 52.187 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

Tgt Ion: 84 Resp: 135163
Ion Ratio Lower Upper
84 100
49 118.2 106.9 160.3
51 37.8 33.2 49.8
86 63.5 51.0 76.6

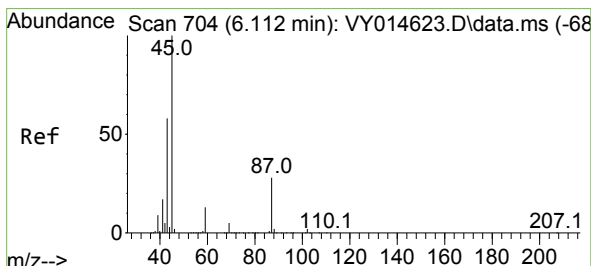
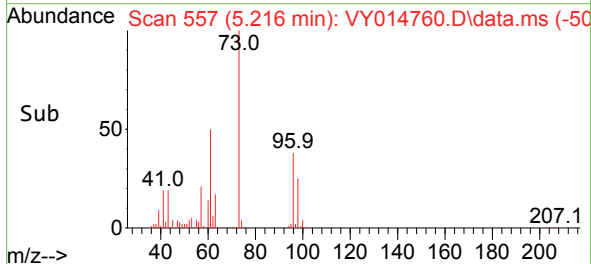
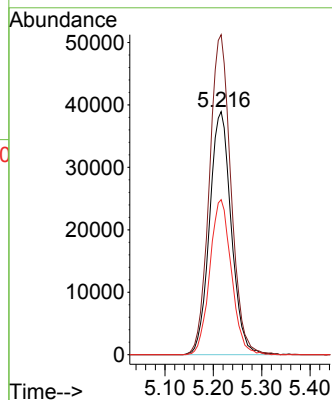
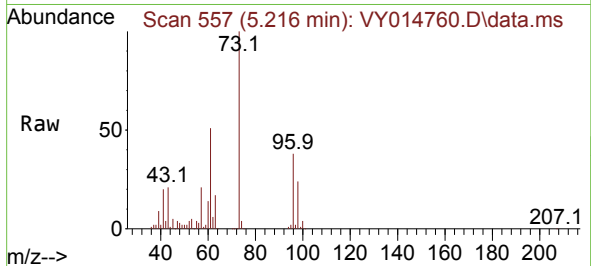




#21
trans-1,2-Dichloroethene
Concen: 49.050 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

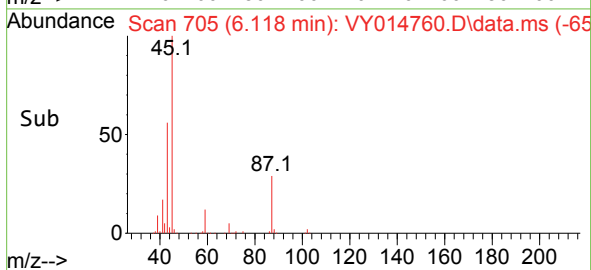
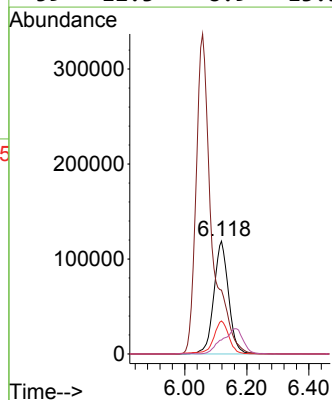
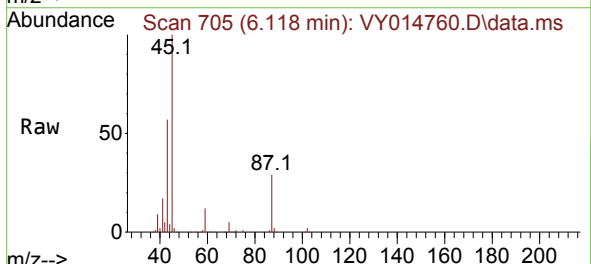
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

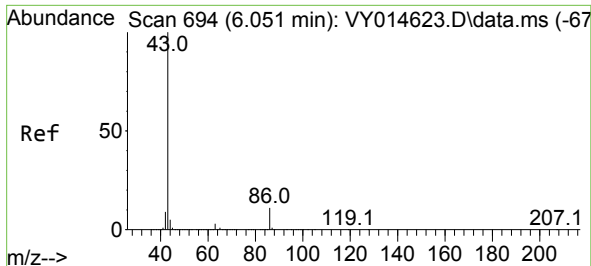
Tgt Ion: 96 Resp: 121452
Ion Ratio Lower Upper
96 100
61 131.6 110.2 165.4
98 63.8 51.8 77.6



#22
Diisopropyl ether
Concen: 49.476 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

Tgt Ion: 45 Resp: 389687
Ion Ratio Lower Upper
45 100
43 56.5 52.2 78.4
87 29.2 21.0 31.6
59 12.3 8.9 13.3

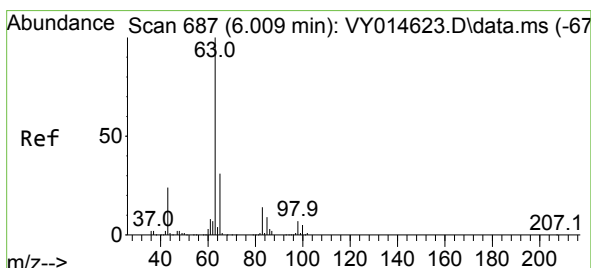
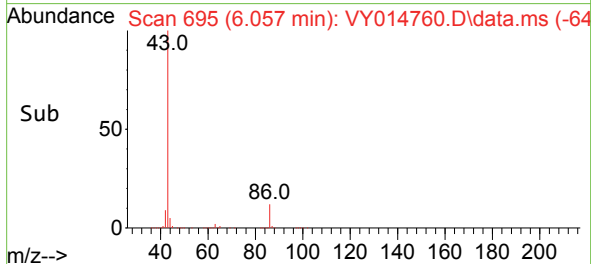
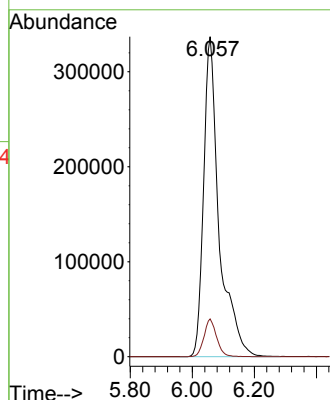
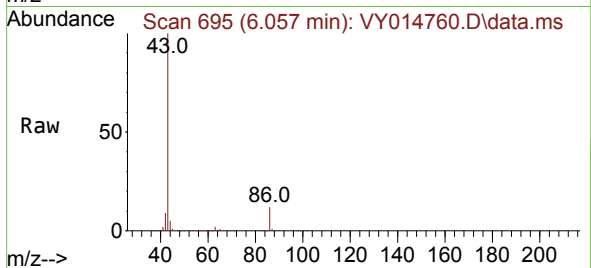




#23
 Vinyl Acetate
 Concen: 247.698 ug/l
 RT: 6.057 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY014760.D
 Acq: 21 Jul 2023 20:27

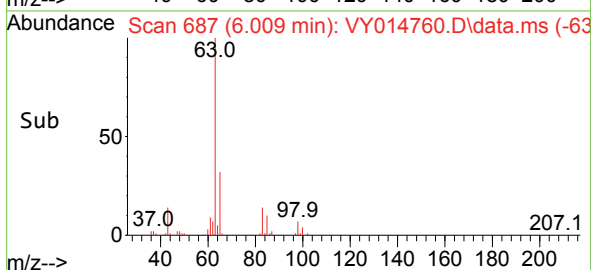
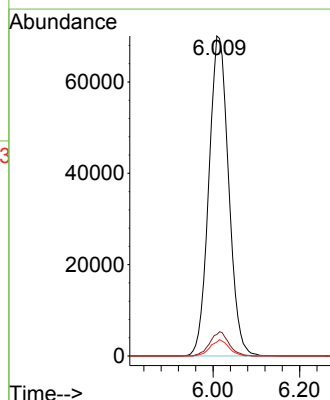
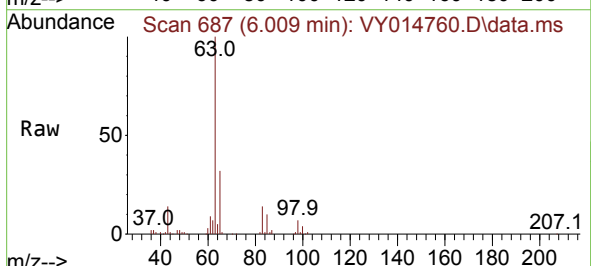
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

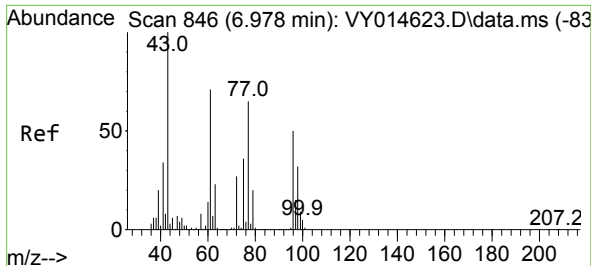
Tgt Ion: 43 Resp: 1167497
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 49.328 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014760.D
 Acq: 21 Jul 2023 20:27

Tgt Ion: 63 Resp: 222306
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.4
 100 4.3 1.8 5.5

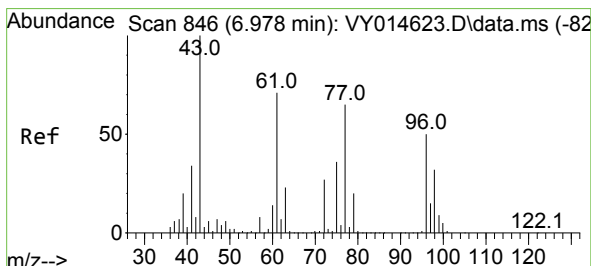
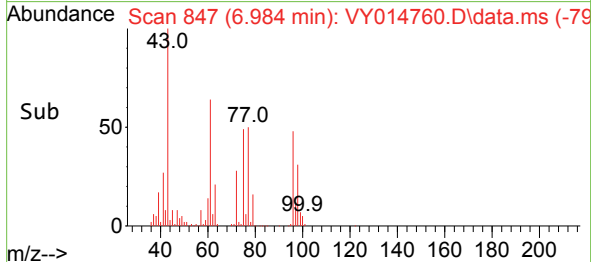
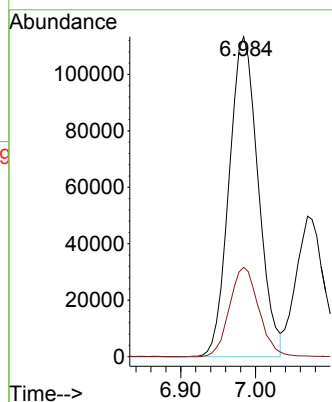
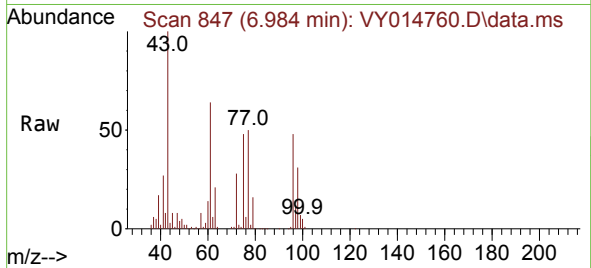




#25
2-Butanone
Concen: 261.672 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

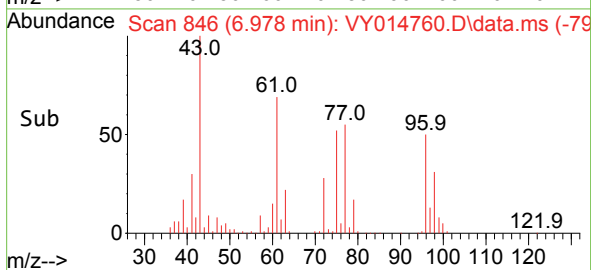
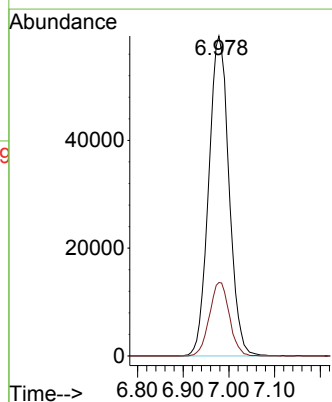
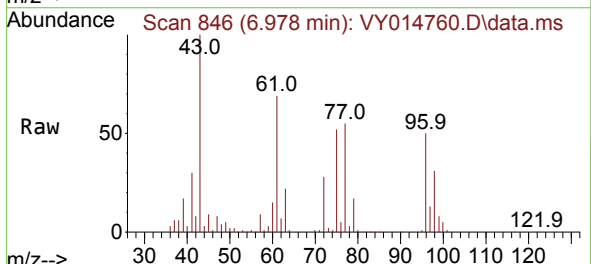
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

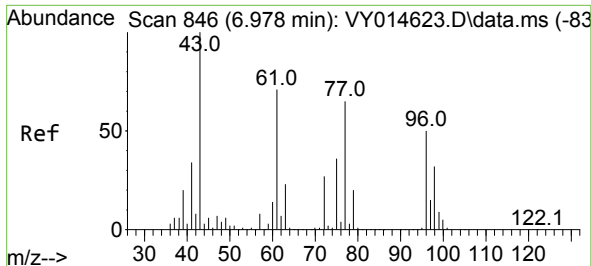
Tgt Ion: 43 Resp: 306294
Ion Ratio Lower Upper
43 100
72 27.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 42.625 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

Tgt Ion: 77 Resp: 183080
Ion Ratio Lower Upper
77 100
97 22.6 10.9 32.9

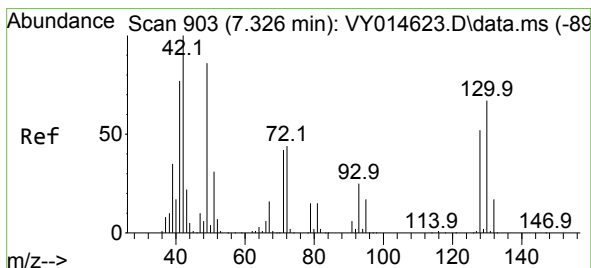
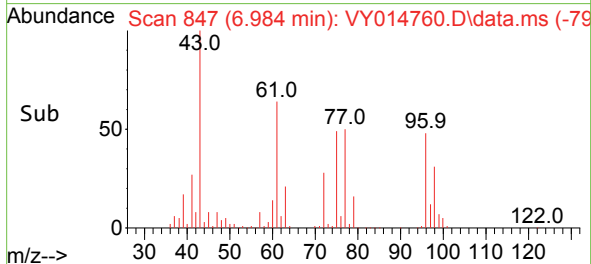
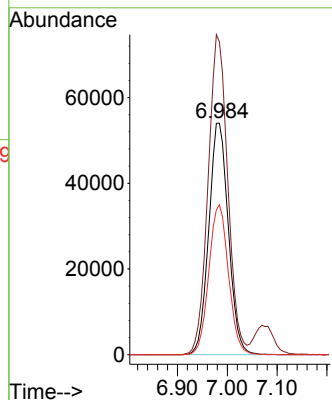
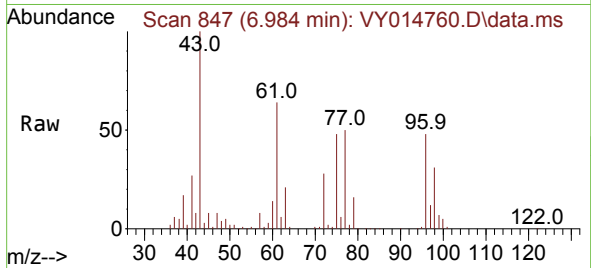




#27
 cis-1,2-Dichloroethene
 Concen: 51.148 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY014760.D
 Acq: 21 Jul 2023 20:27

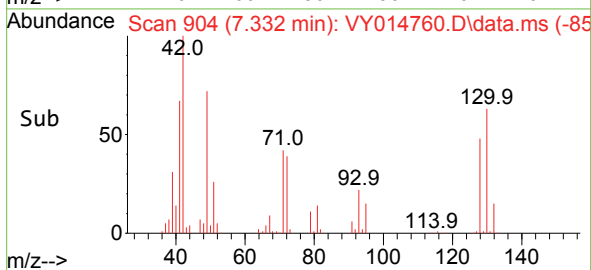
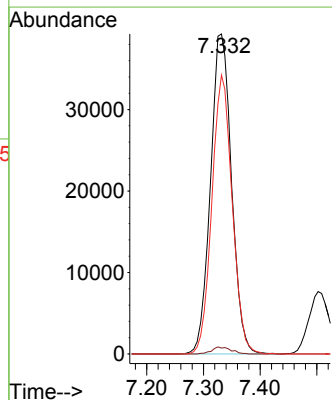
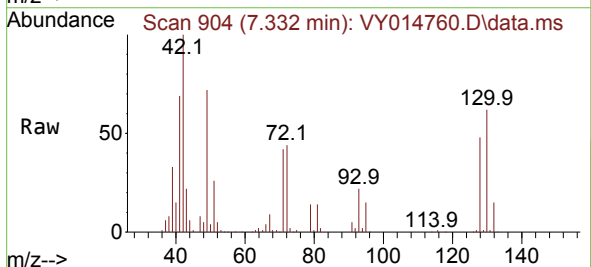
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

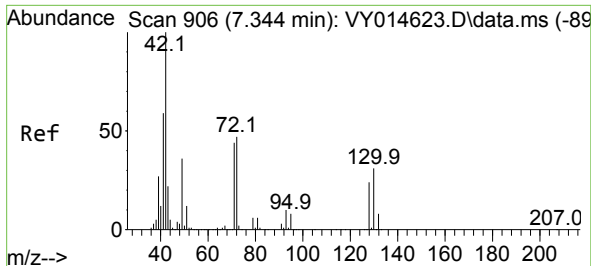
Tgt Ion: 96 Resp: 147416
 Ion Ratio Lower Upper
 96 100
 61 138.6 0.0 301.4
 98 65.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 52.126 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY014760.D
 Acq: 21 Jul 2023 20:27

Tgt Ion: 49 Resp: 101173
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 84.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 282.413 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014760.D

Acq: 21 Jul 2023 20:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

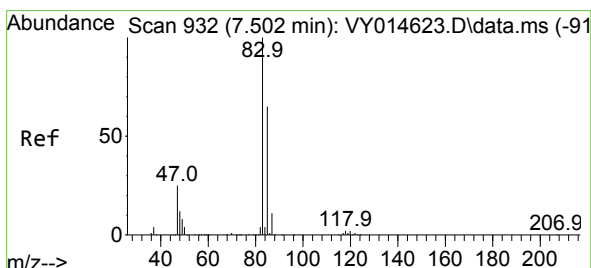
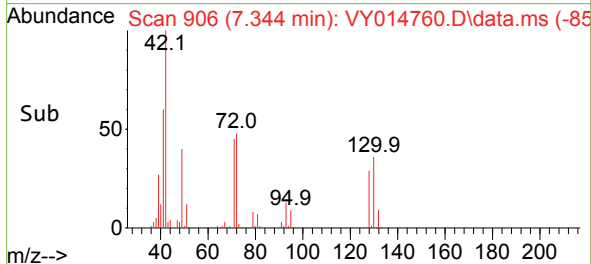
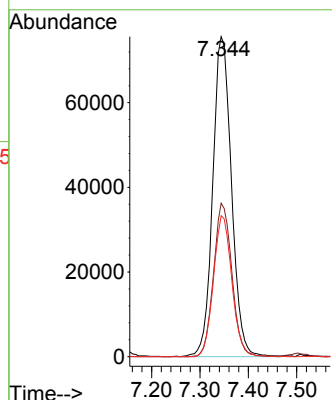
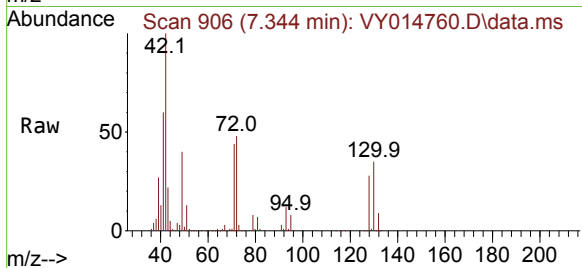
Tgt Ion: 42 Resp: 203551

Ion Ratio Lower Upper

42 100

72 46.9 32.8 49.2

71 43.2 31.0 46.4



#30

Chloroform

Concen: 51.438 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY014760.D

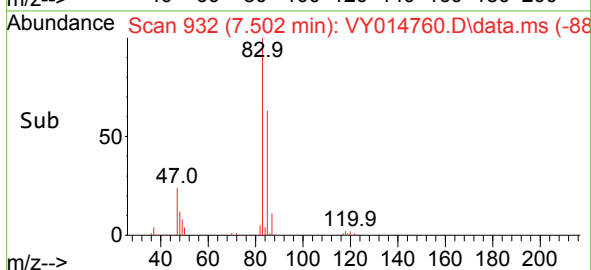
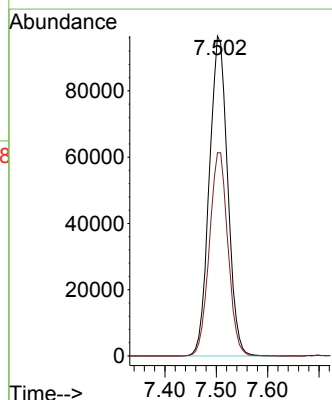
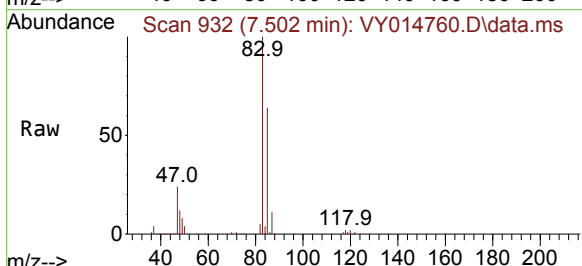
Acq: 21 Jul 2023 20:27

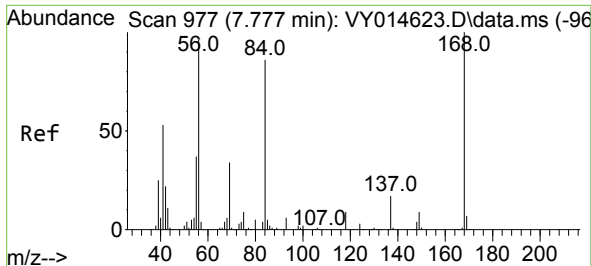
Tgt Ion: 83 Resp: 239049

Ion Ratio Lower Upper

83 100

85 63.5 49.7 74.5

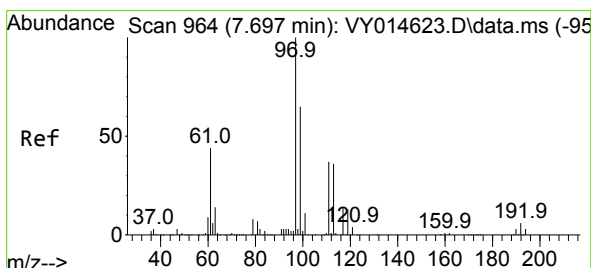
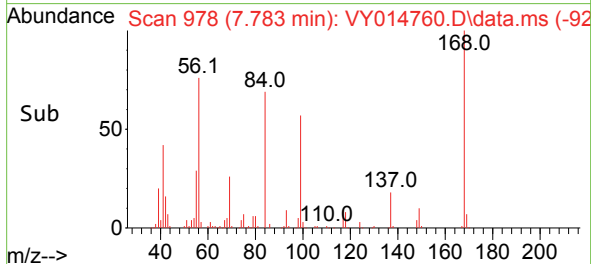
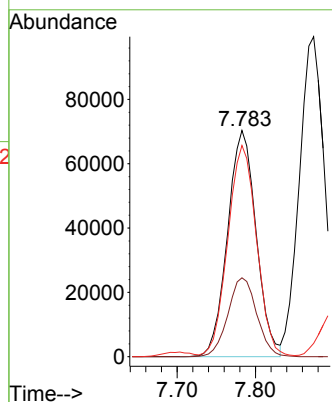
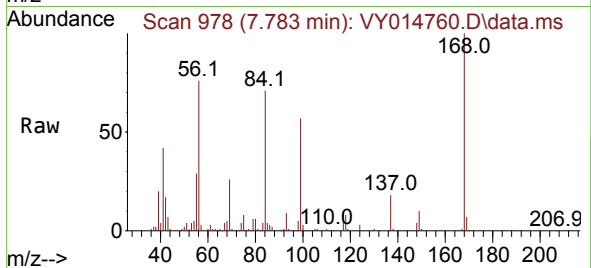




#31
Cyclohexane
Concen: 42.583 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

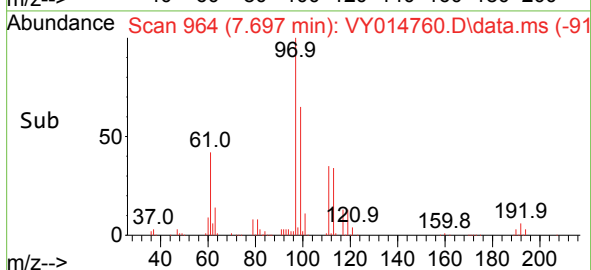
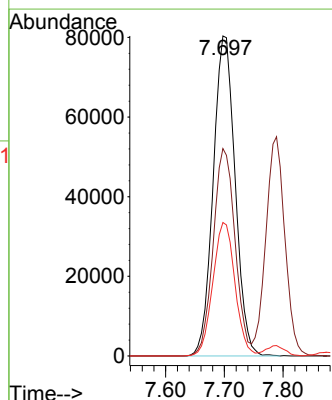
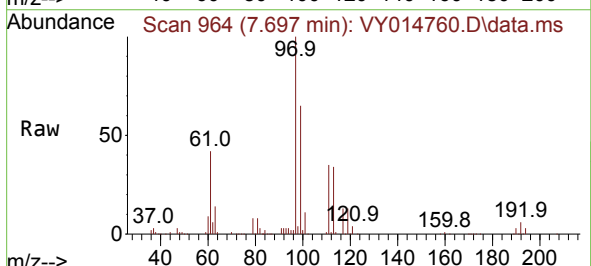
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

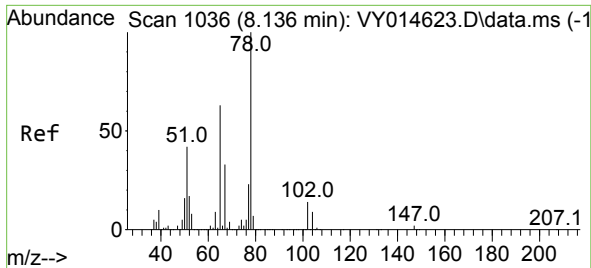
Tgt Ion: 56 Resp: 178478
Ion Ratio Lower Upper
56 100
69 34.8 27.8 41.6
84 91.3 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 49.915 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

Tgt Ion: 97 Resp: 208776
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 41.9 35.1 52.7

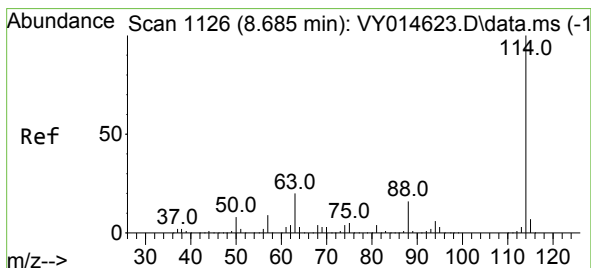
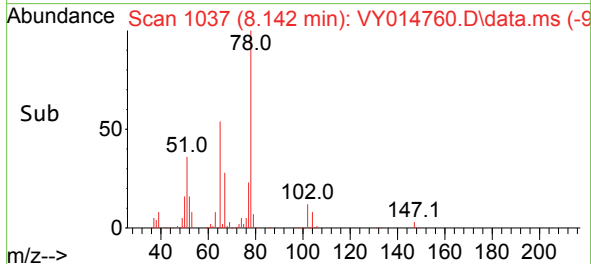
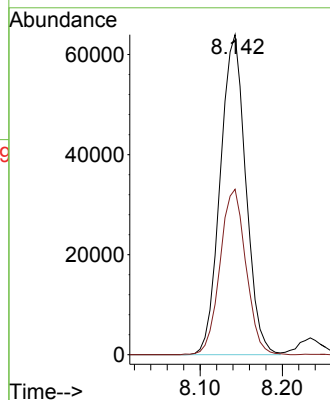
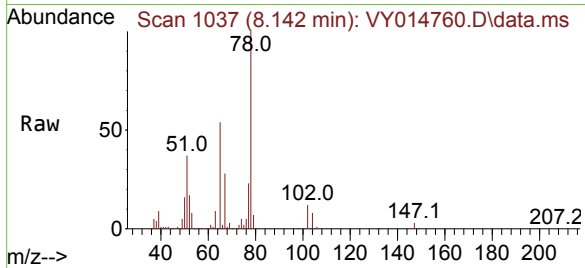




#33
 1,2-Dichloroethane-d4
 Concen: 54.633 ug/l
 RT: 8.142 min Scan# 110
 Delta R.T. 0.006 min
 Lab File: VY014760.D
 Acq: 21 Jul 2023 20:27

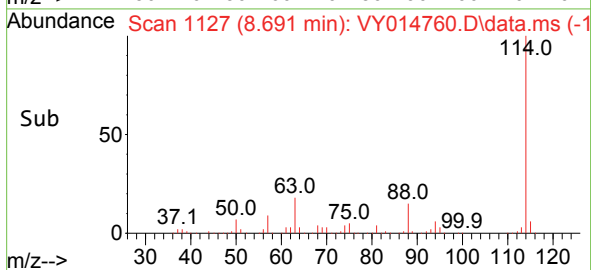
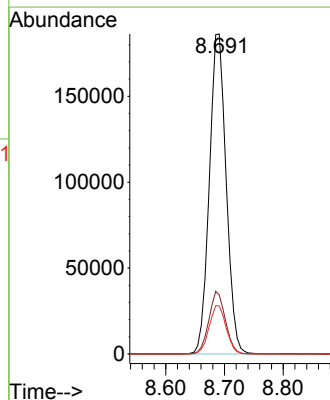
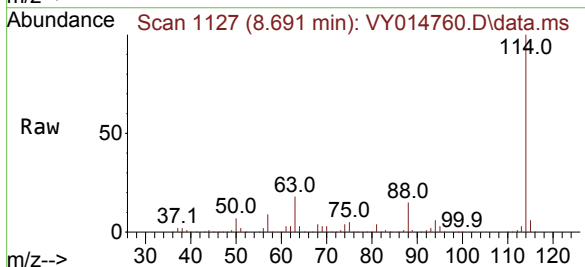
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

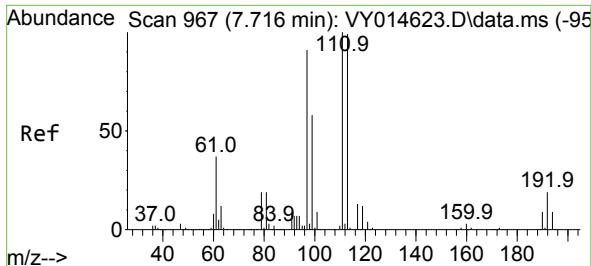
Tgt Ion: 65 Resp: 137940
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY014760.D
 Acq: 21 Jul 2023 20:27

Tgt Ion: 114 Resp: 370218
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 42.4
 88 15.0 0.0 30.6

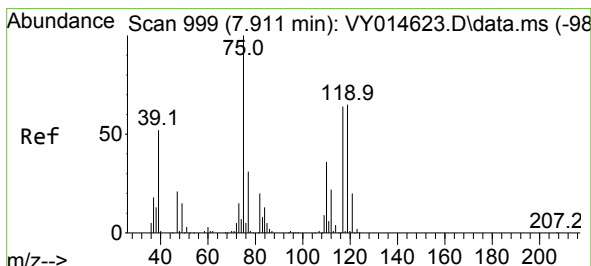
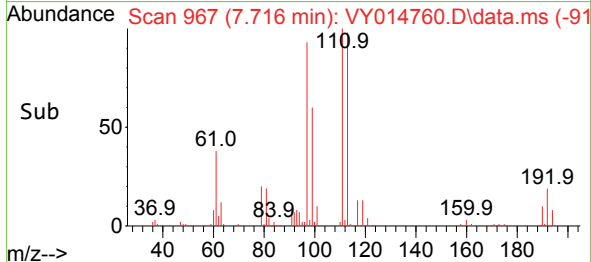
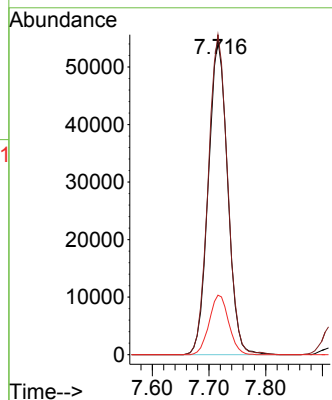
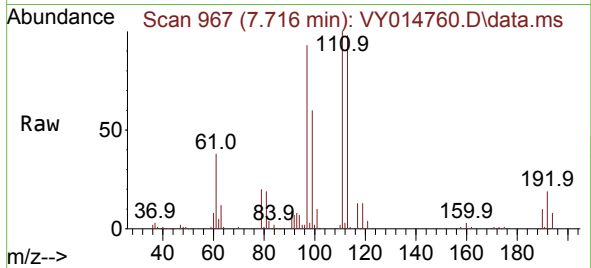




#35
Dibromofluoromethane
Concen: 54.676 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

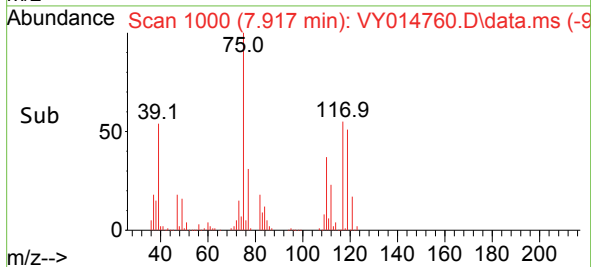
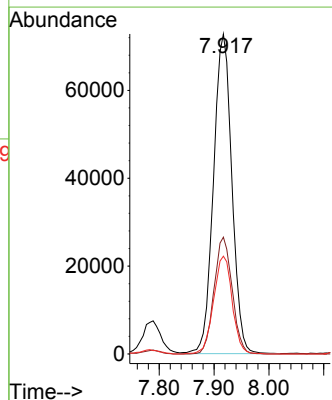
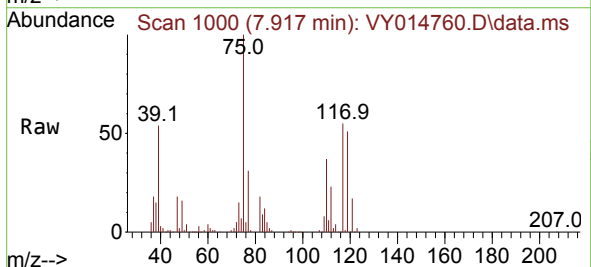
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

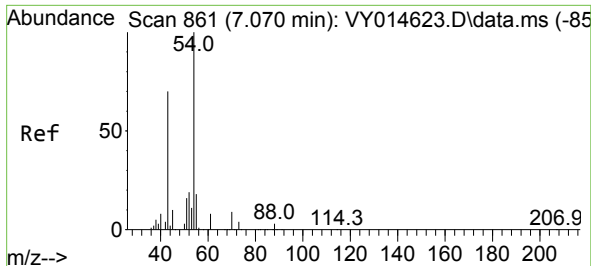
Tgt Ion:113 Resp: 128856
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 48.010 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

Tgt Ion: 75 Resp: 169208
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.5
77 31.0 24.4 36.6

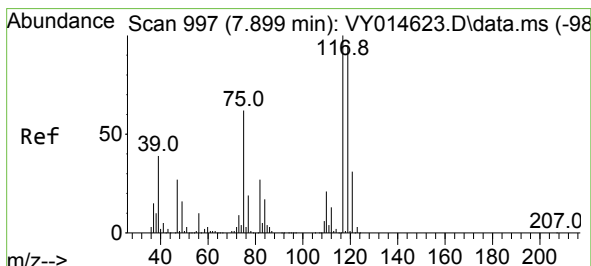
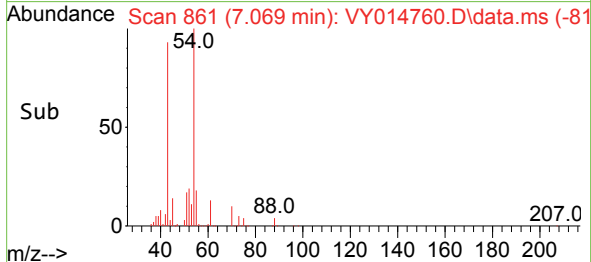
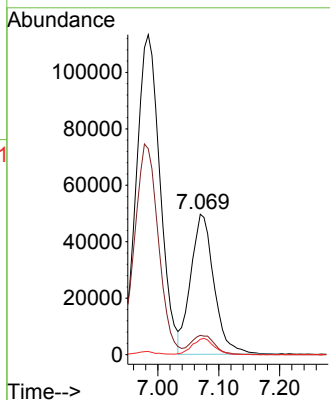
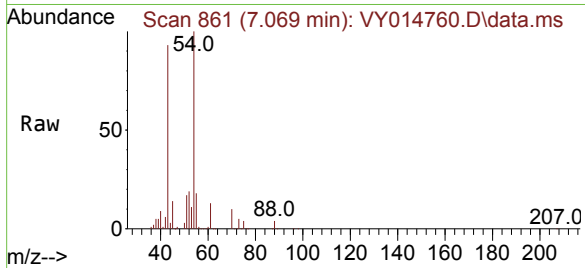




#37
Ethyl Acetate
Concen: 54.354 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.001 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

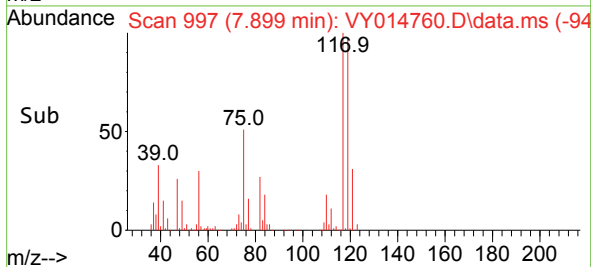
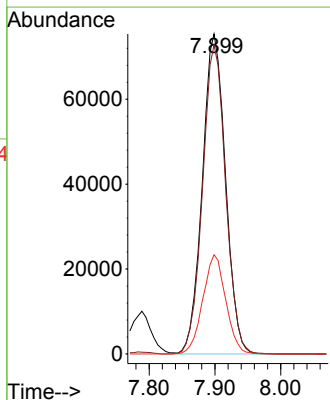
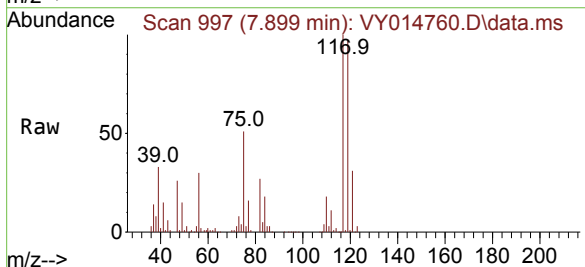
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

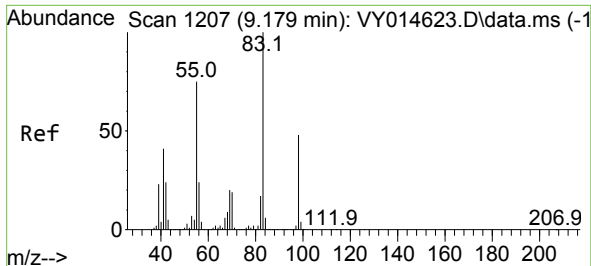
Tgt Ion: 43 Resp: 131893
Ion Ratio Lower Upper
43 100
61 14.4 10.1 15.1
70 11.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 49.597 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

Tgt Ion: 117 Resp: 184778
Ion Ratio Lower Upper
117 100
119 96.6 76.4 114.6
121 31.0 25.8 38.6





#39

Methylcyclohexane

Concen: 45.106 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014760.D

Acq: 21 Jul 2023 20:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

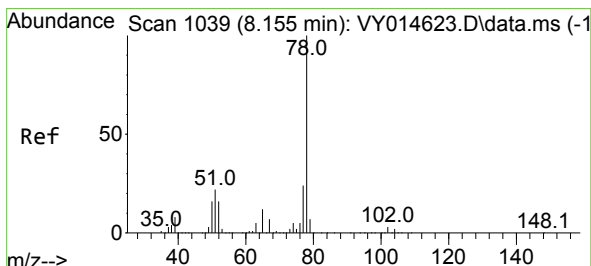
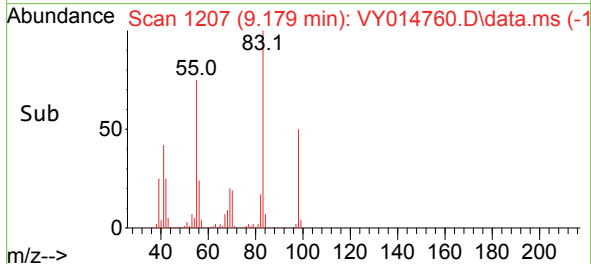
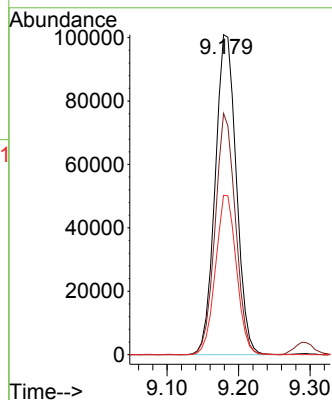
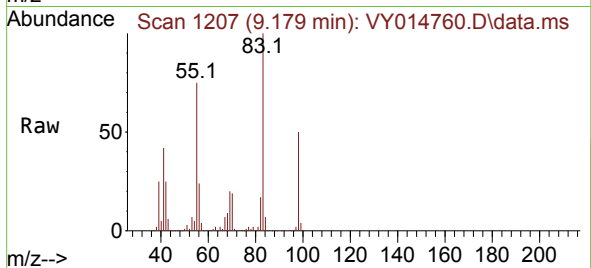
Tgt Ion: 83 Resp: 207110

Ion Ratio Lower Upper

83 100

55 75.4 63.0 94.4

98 49.8 37.4 56.2



#40

Benzene

Concen: 49.765 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY014760.D

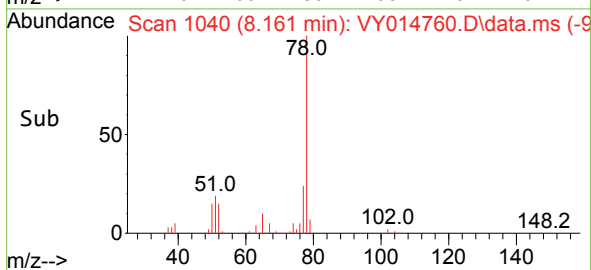
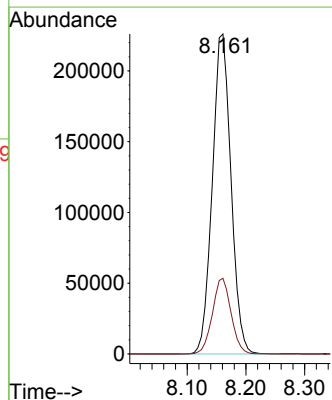
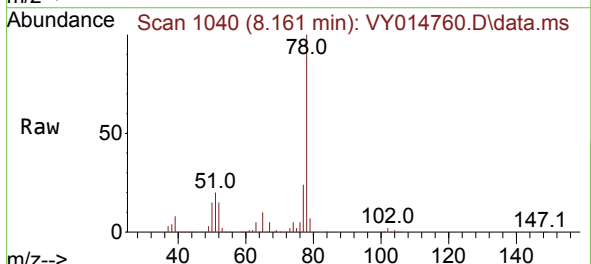
Acq: 21 Jul 2023 20:27

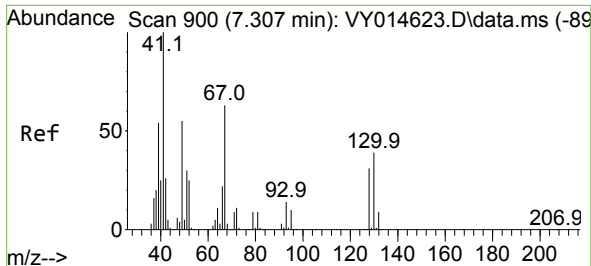
Tgt Ion: 78 Resp: 498824

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

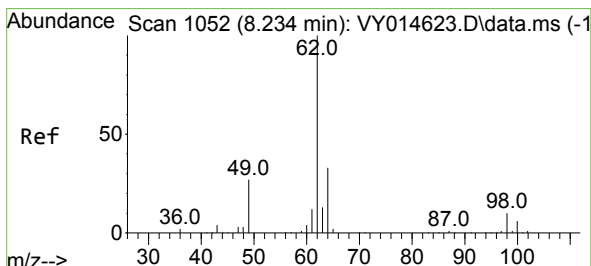
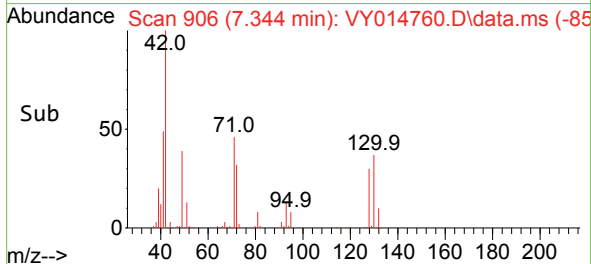
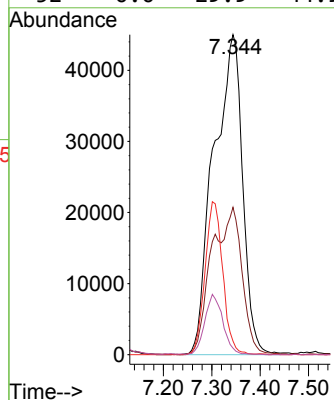
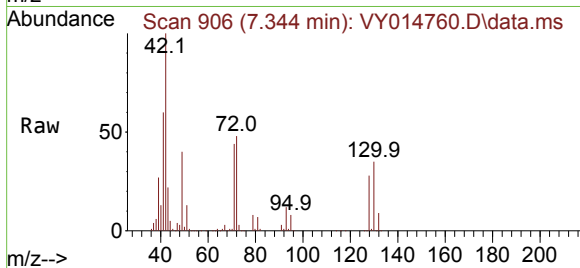




#41
Methacrylonitrile
Concen: 149.224 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

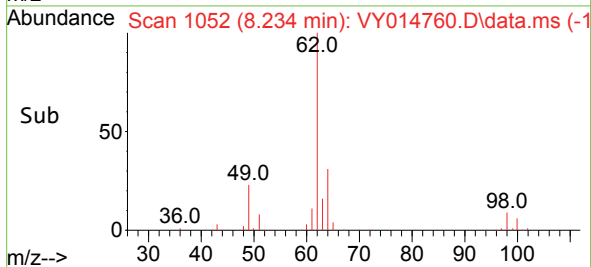
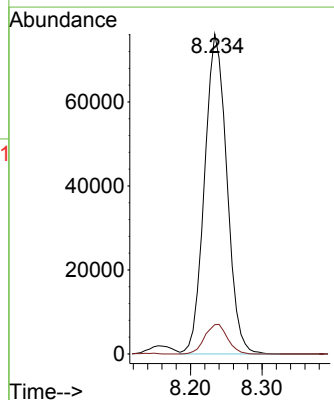
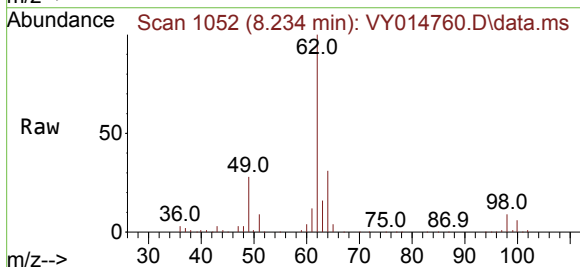
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

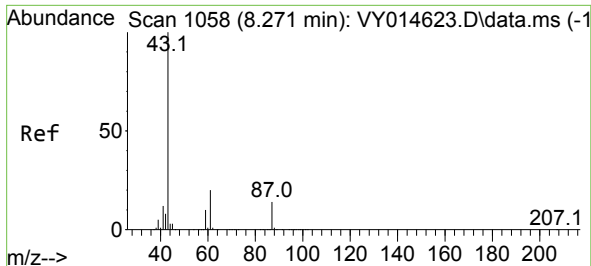
Tgt Ion: 41 Resp: 186248
Ion Ratio Lower Upper
41 100
39 25.1 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 51.970 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

Tgt Ion: 62 Resp: 164963
Ion Ratio Lower Upper
62 100
98 9.4 0.0 15.8

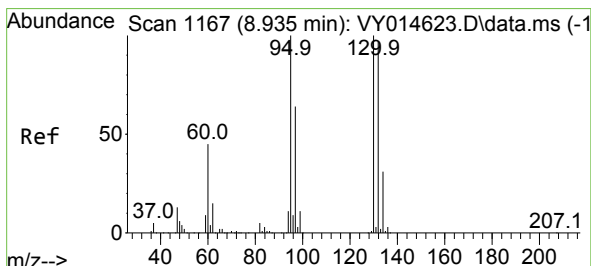
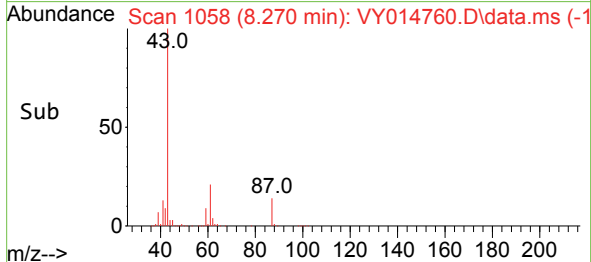
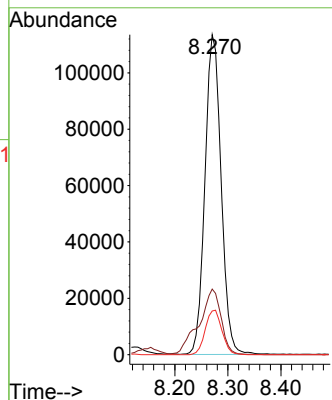
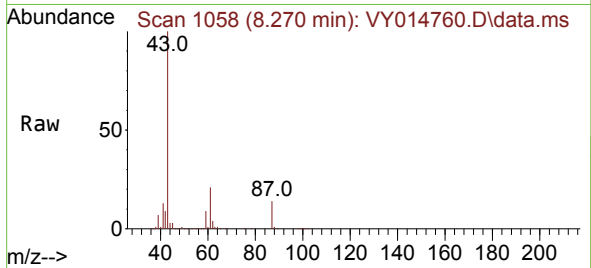




#43
Isopropyl Acetate
Concen: 52.057 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.001 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

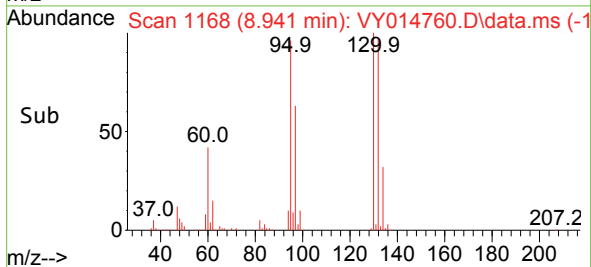
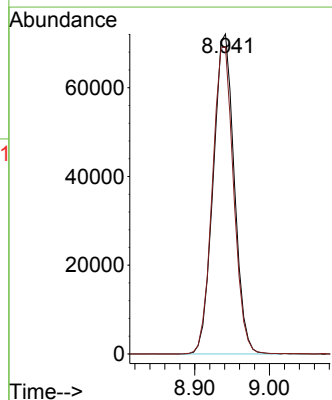
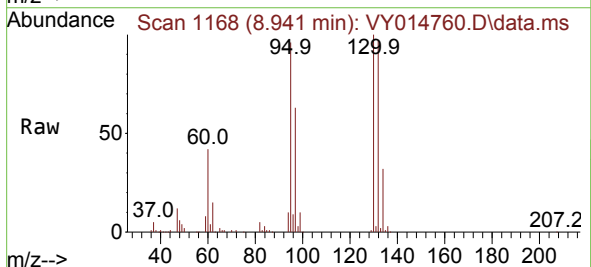
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

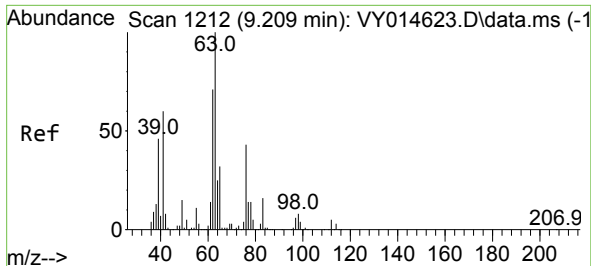
Tgt Ion: 43 Resp: 240625
Ion Ratio Lower Upper
43 100
61 28.1 21.1 31.7
87 14.3 9.8 14.8



#44
Trichloroethene
Concen: 50.365 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

Tgt Ion:130 Resp: 141249
Ion Ratio Lower Upper
130 100
95 96.0 0.0 196.0

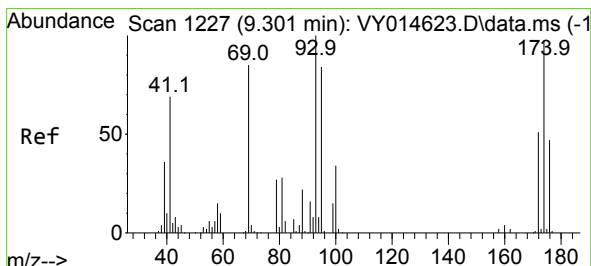
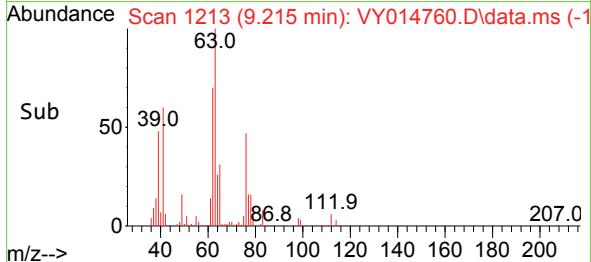
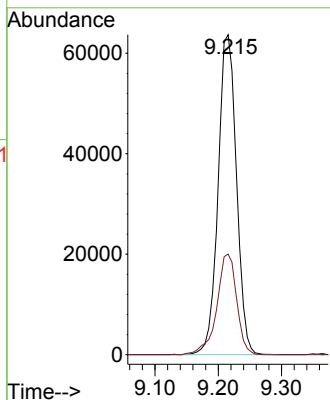
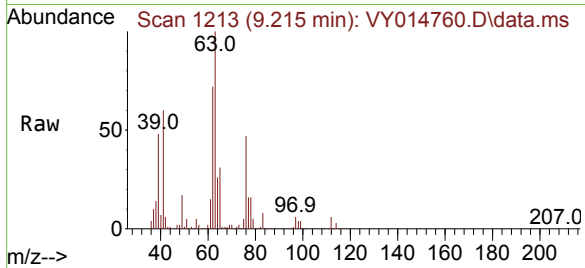




#45
1,2-Dichloropropane
Concen: 48.879 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

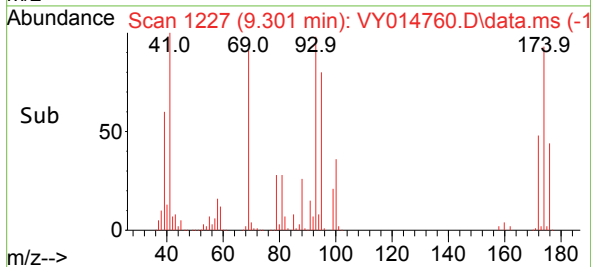
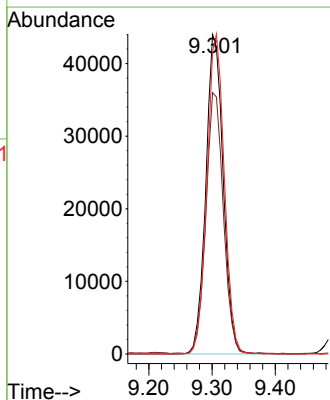
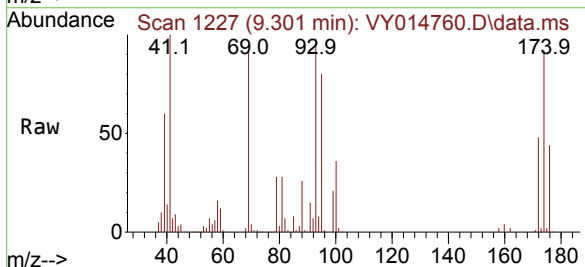
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

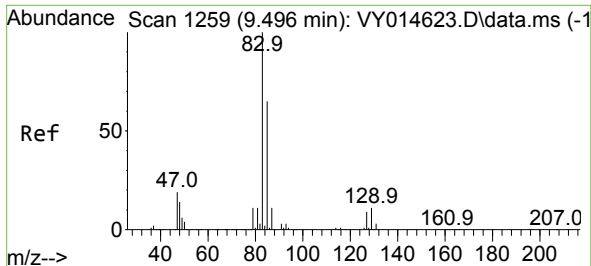
Tgt Ion: 63 Resp: 127936
Ion Ratio Lower Upper
63 100
65 31.5 23.8 35.6



#46
Dibromomethane
Concen: 53.025 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

Tgt Ion: 93 Resp: 84195
Ion Ratio Lower Upper
93 100
95 81.5 66.6 100.0
174 99.4 84.8 127.2

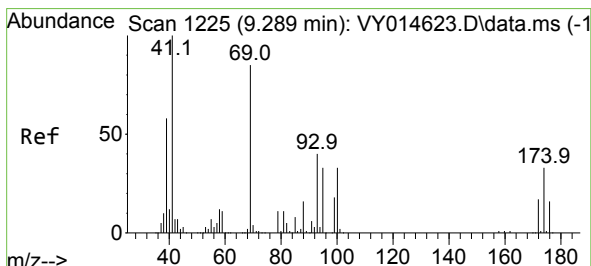
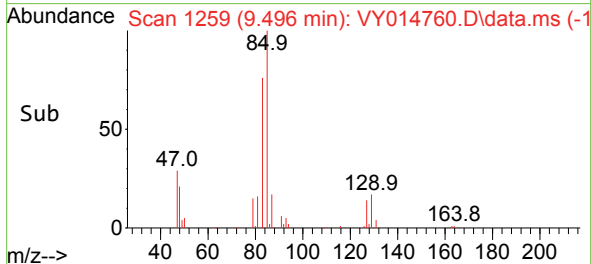
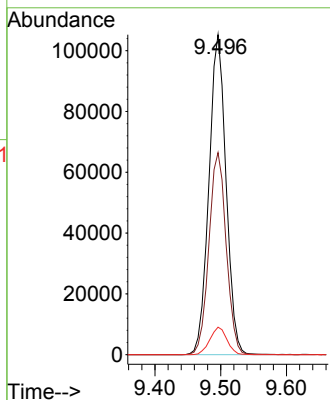
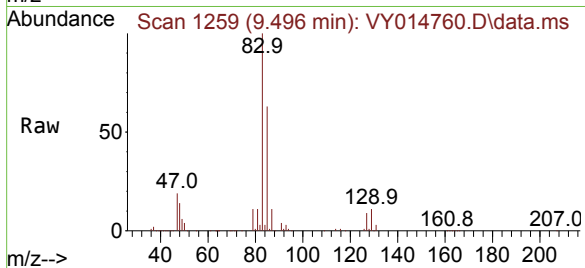




#47
 Bromodichloromethane
 Concen: 50.983 ug/l
 RT: 9.496 min Scan# 1259
 Delta R.T. -0.000 min
 Lab File: VY014760.D
 Acq: 21 Jul 2023 20:27

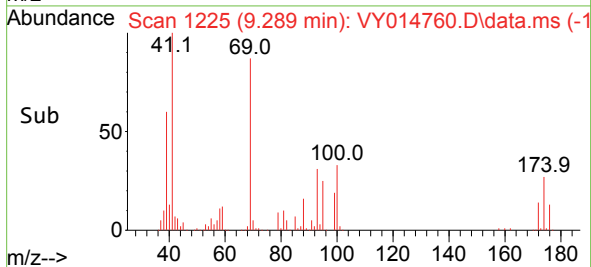
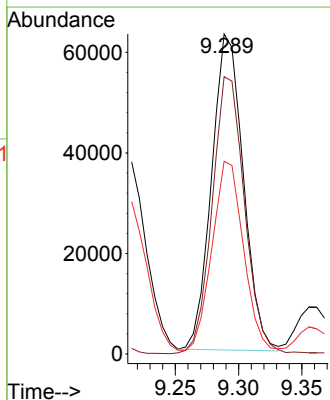
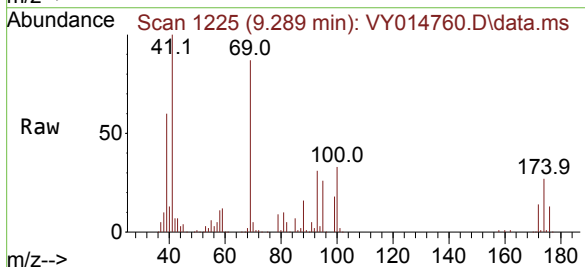
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

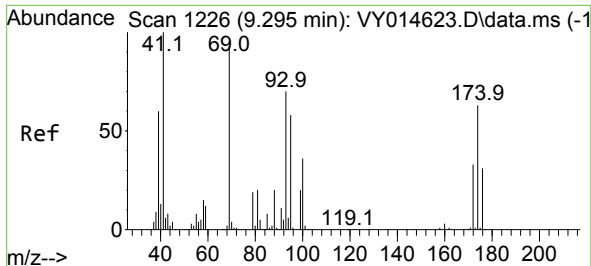
Tgt Ion: 83 Resp: 190797
 Ion Ratio Lower Upper
 83 100
 85 63.2 50.1 75.1
 127 8.6 7.1 10.7



#48
 Methyl methacrylate
 Concen: 52.618 ug/l
 RT: 9.289 min Scan# 1225
 Delta R.T. -0.000 min
 Lab File: VY014760.D
 Acq: 21 Jul 2023 20:27

Tgt Ion: 41 Resp: 109441
 Ion Ratio Lower Upper
 41 100
 69 89.9 64.5 96.7
 39 59.5 50.8 76.2





#49

1,4-Dioxane

Concen: 1137.264 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014760.D

Acq: 21 Jul 2023 20:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

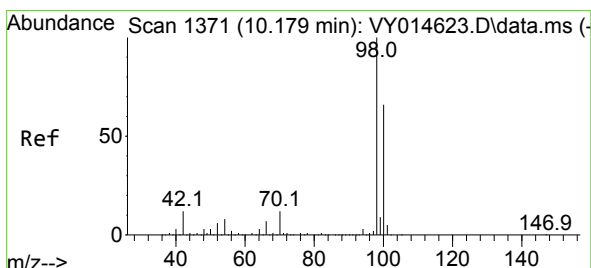
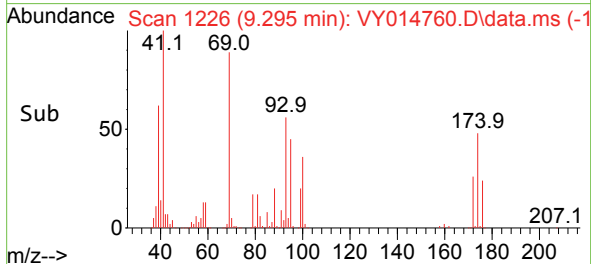
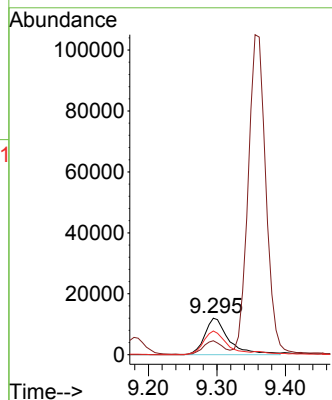
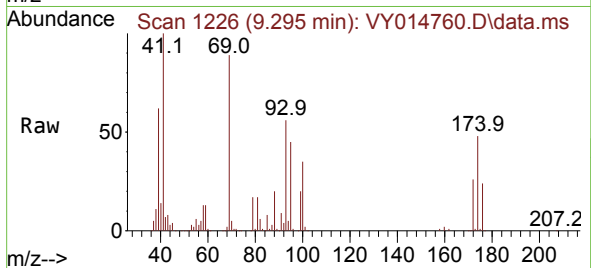
Tgt Ion: 88 Resp: 29445

Ion Ratio Lower Upper

88 100

43 29.8 0.0 0.0#

58 61.8 30.9 46.3#



#50

Toluene-d8

Concen: 53.262 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014760.D

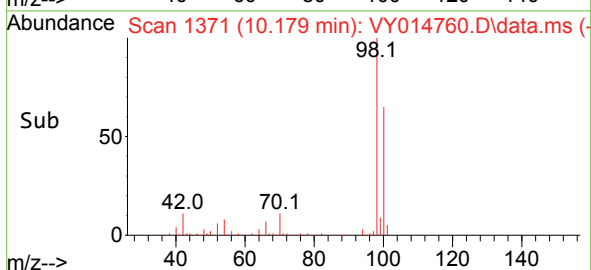
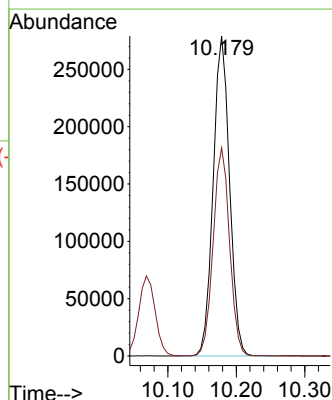
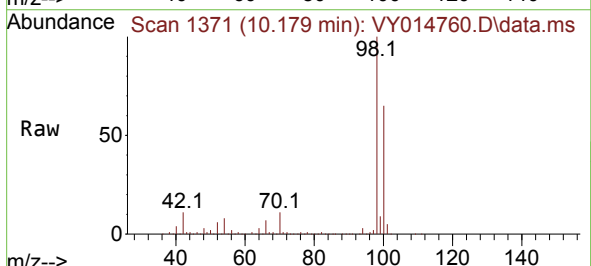
Acq: 21 Jul 2023 20:27

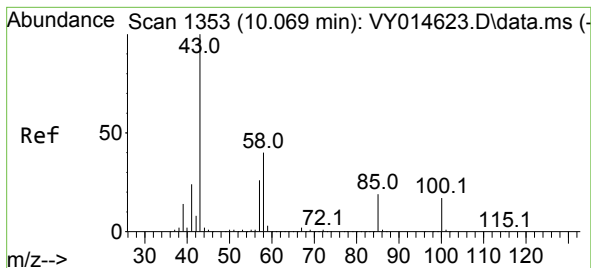
Tgt Ion: 98 Resp: 462776

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

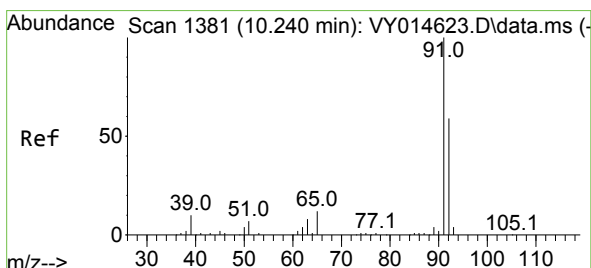
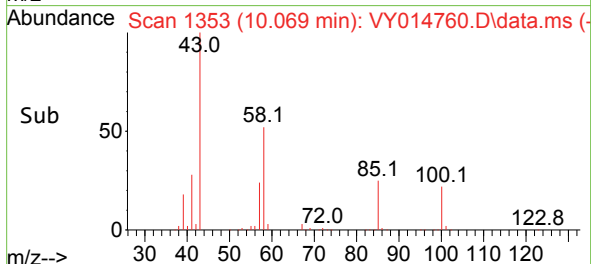
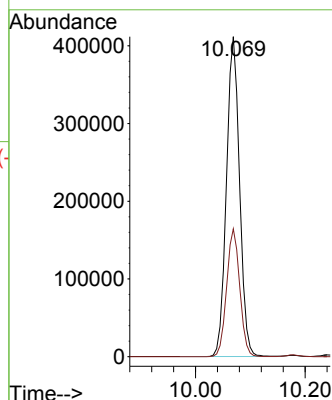
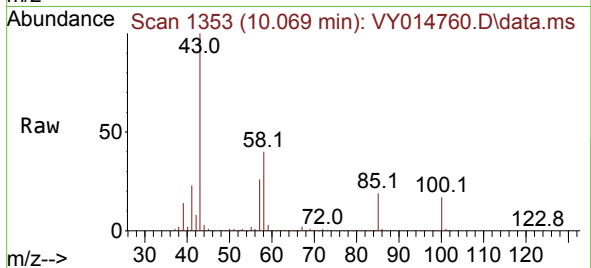




#51
4-Methyl-2-Pentanone
Concen: 282.486 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

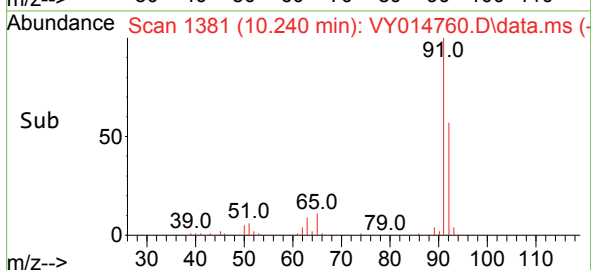
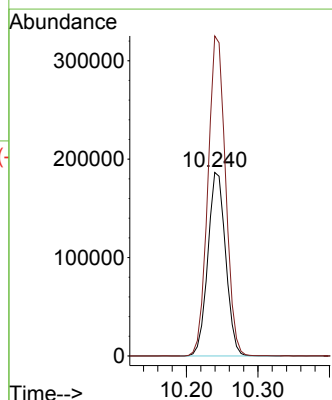
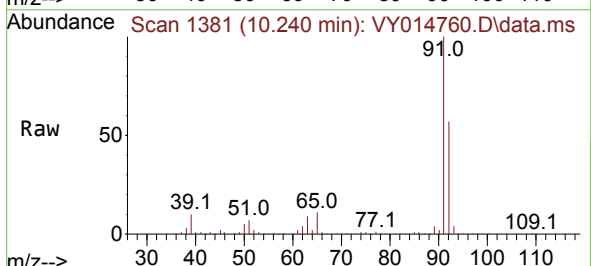
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

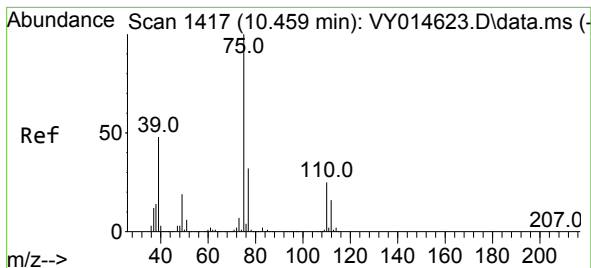
Tgt Ion: 43 Resp: 685574
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6



#52
Toluene
Concen: 50.274 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

Tgt Ion: 92 Resp: 322463
Ion Ratio Lower Upper
92 100
91 173.0 143.8 215.6

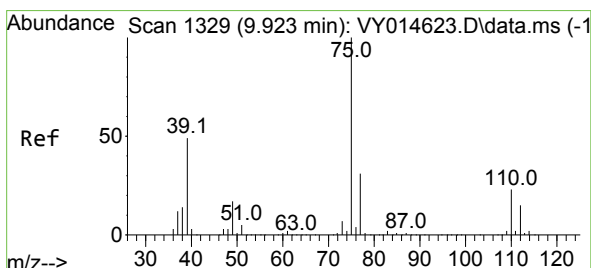
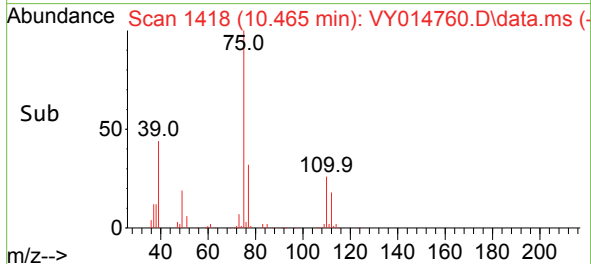
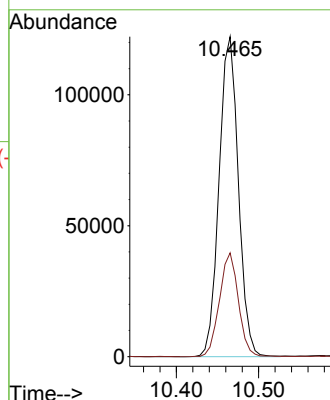
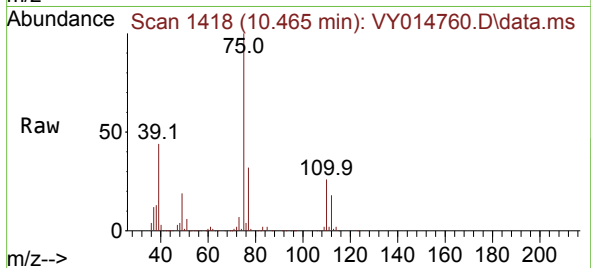




#53
t-1,3-Dichloropropene
Concen: 48.622 ug/l
RT: 10.465 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

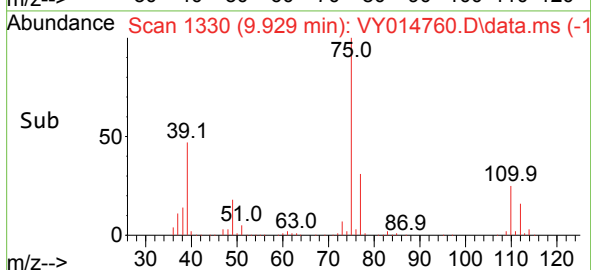
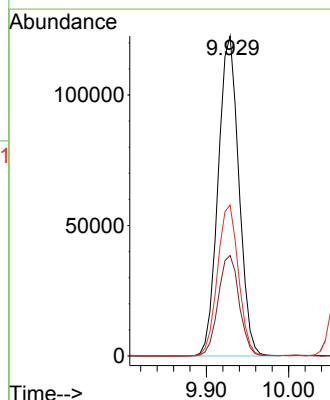
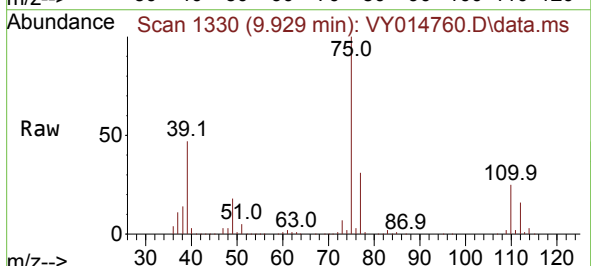
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

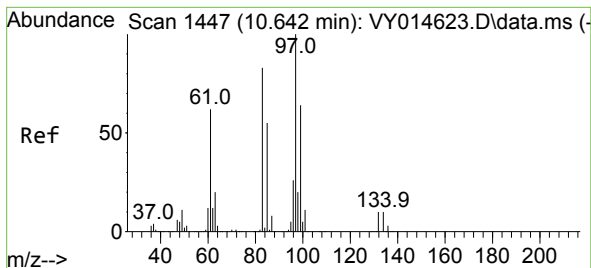
Tgt Ion: 75 Resp: 199035
Ion Ratio Lower Upper
75 100
77 32.5 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 48.222 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

Tgt Ion: 75 Resp: 214665
Ion Ratio Lower Upper
75 100
77 31.4 24.2 36.4
39 47.1 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 53.472 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY014760.D

Acq: 21 Jul 2023 20:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 118270

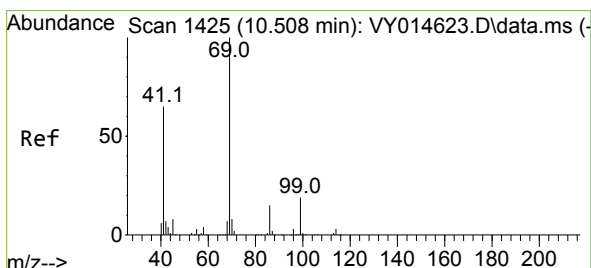
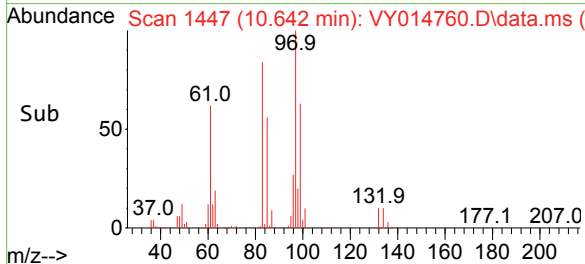
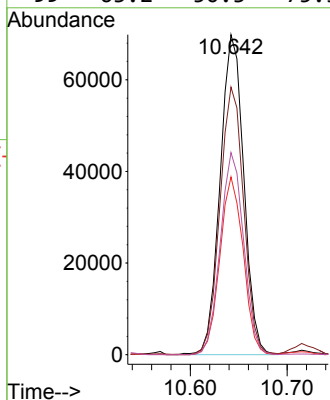
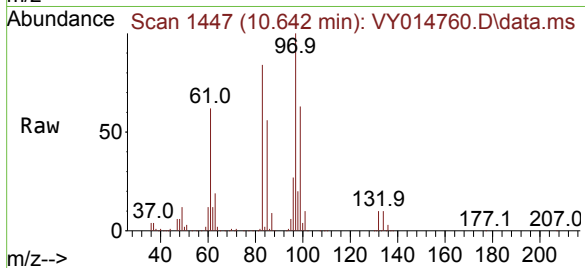
Ion Ratio Lower Upper

97 100

83 83.4 72.0 108.0

85 55.5 45.4 68.0

99 63.2 50.3 75.5



#56

Ethyl methacrylate

Concen: 52.901 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY014760.D

Acq: 21 Jul 2023 20:27

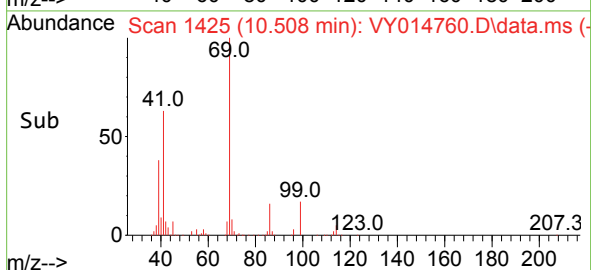
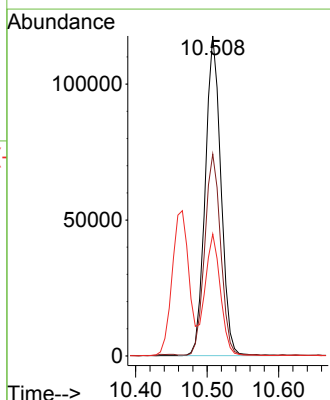
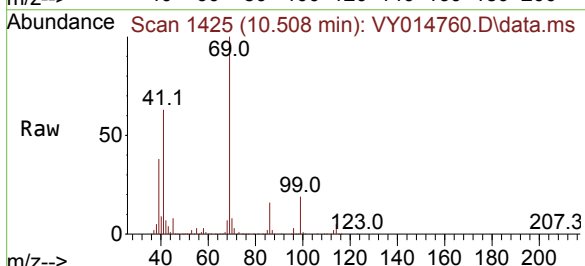
Tgt Ion: 69 Resp: 178648

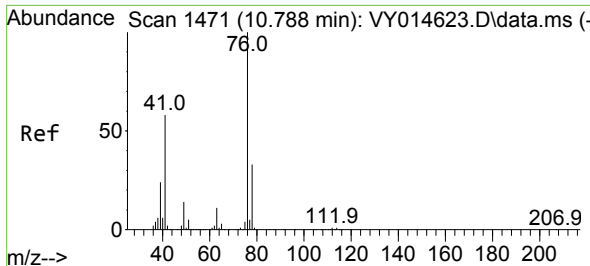
Ion Ratio Lower Upper

69 100

41 64.0 57.6 86.4

39 37.8 34.1 51.1





#57

1,3-Dichloropropane

Concen: 51.549 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014760.D

Acq: 21 Jul 2023 20:27

Instrument :

MSVOA_Y

ClientSampleId :

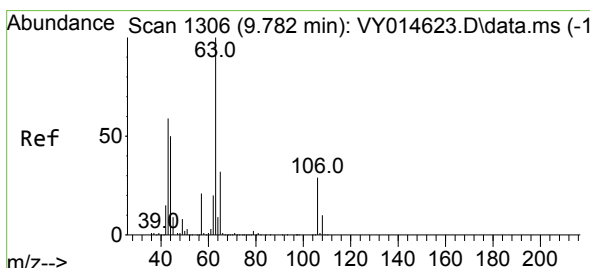
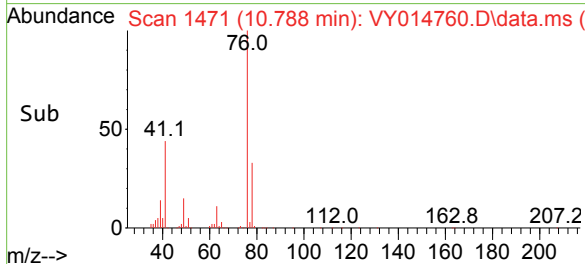
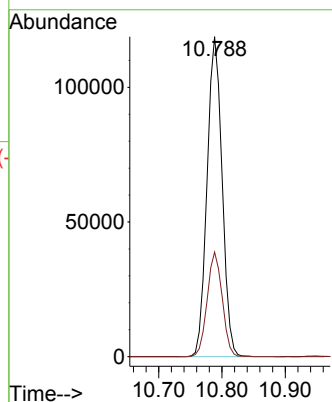
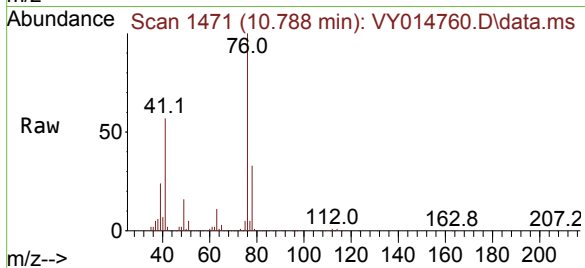
VSTDCCC050EC

Tgt Ion: 76 Resp: 196655

Ion Ratio Lower Upper

76 100

78 32.7 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 260.073 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014760.D

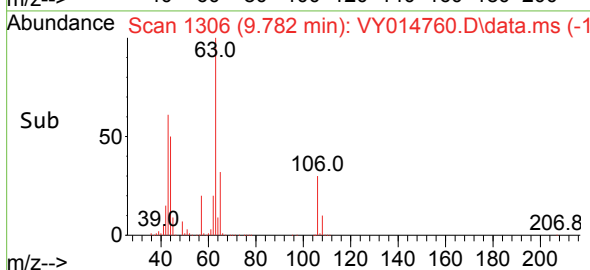
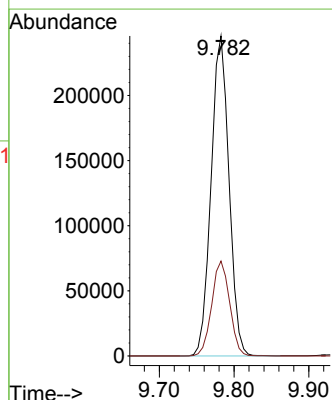
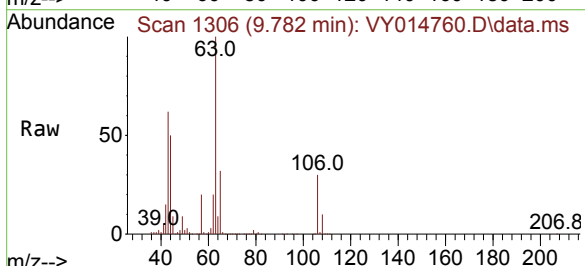
Acq: 21 Jul 2023 20:27

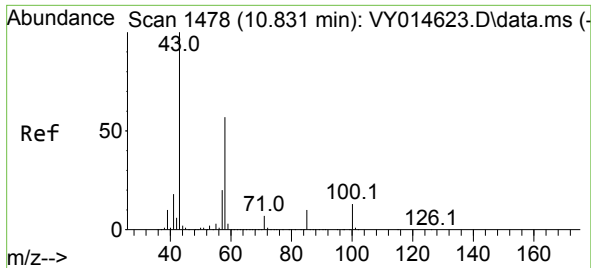
Tgt Ion: 63 Resp: 409229

Ion Ratio Lower Upper

63 100

106 29.7 21.2 31.8

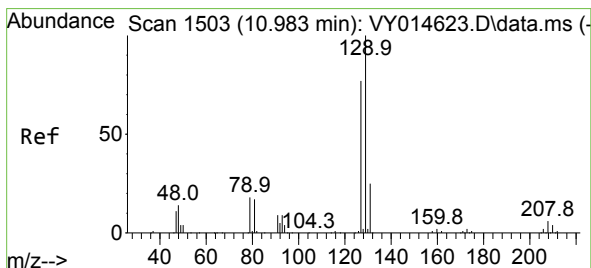
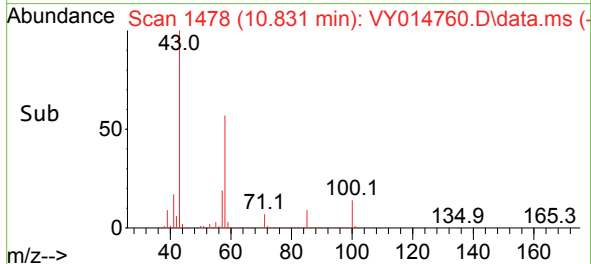
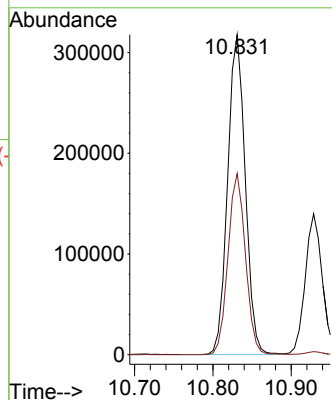
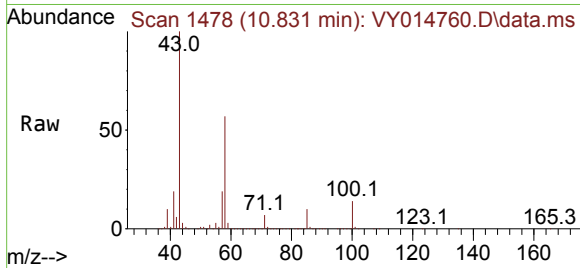




#59
2-Hexanone
Concen: 280.534 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

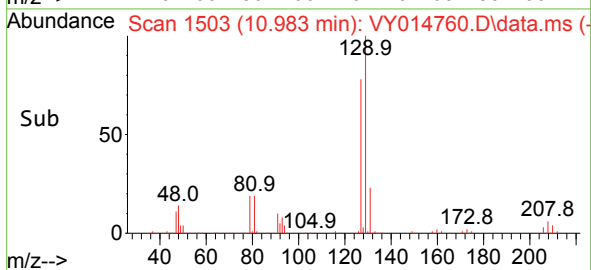
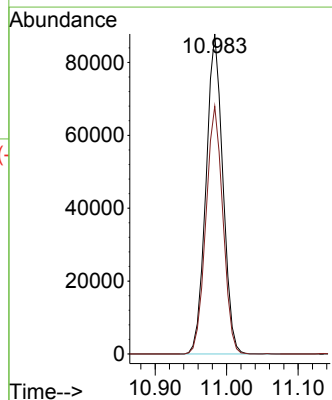
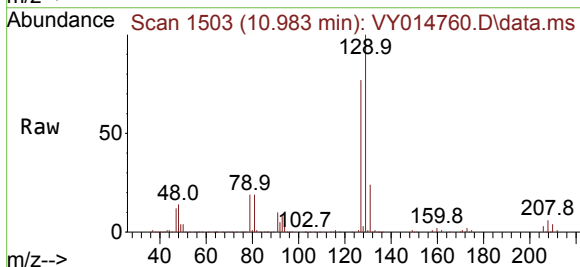
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

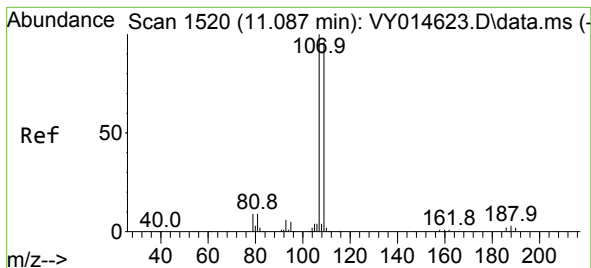
Tgt Ion: 43 Resp: 496503
Ion Ratio Lower Upper
43 100
58 56.2 25.1 75.3



#60
Dibromochloromethane
Concen: 52.929 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

Tgt Ion: 129 Resp: 143533
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5

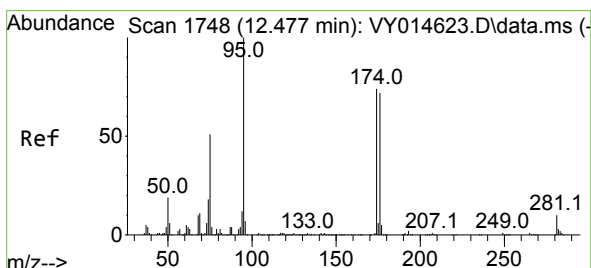
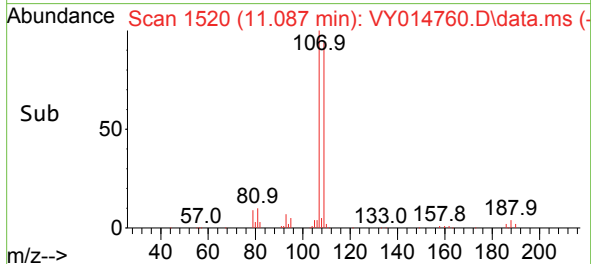
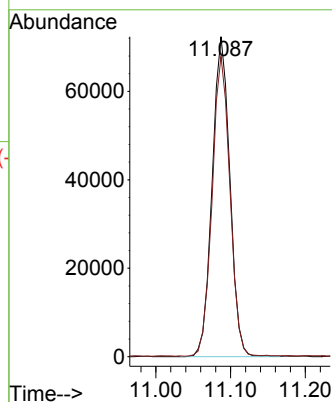
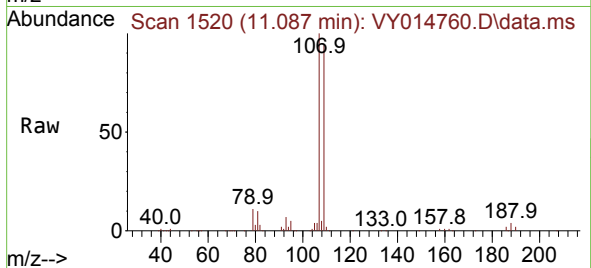




#61
1,2-Dibromoethane
Concen: 53.998 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

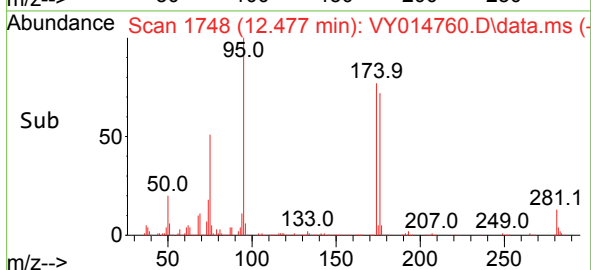
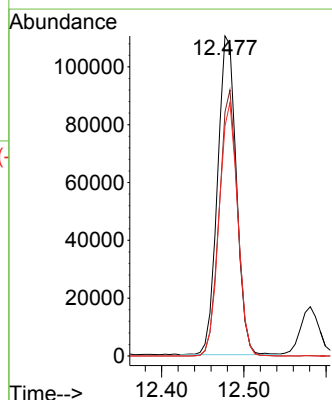
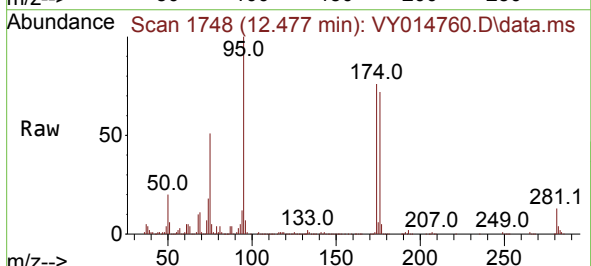
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

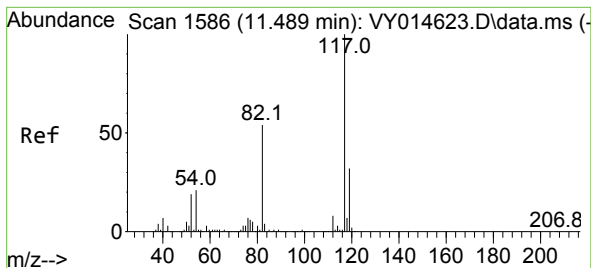
Tgt Ion:107 Resp: 119146
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.722 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

Tgt Ion: 95 Resp: 175648
Ion Ratio Lower Upper
95 100
174 80.9 0.0 178.2
176 78.3 0.0 173.8

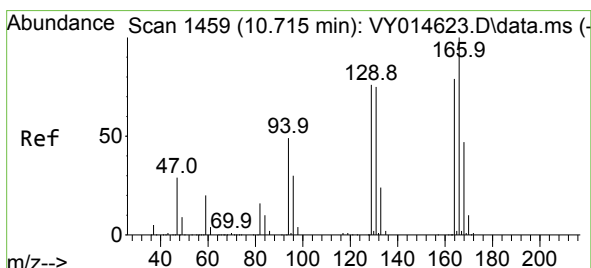
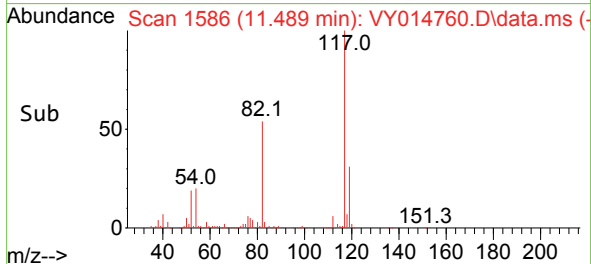
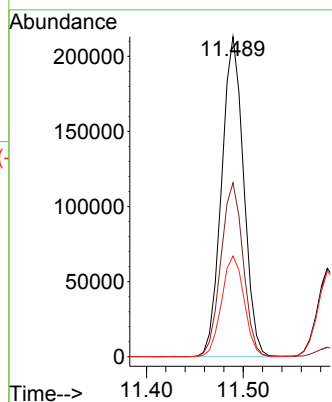
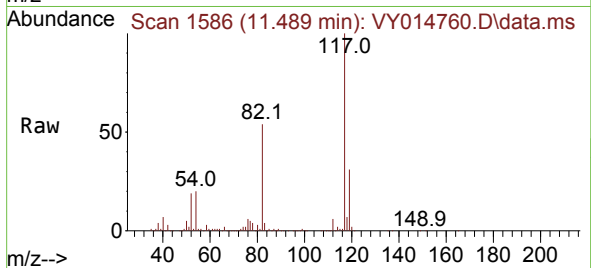




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

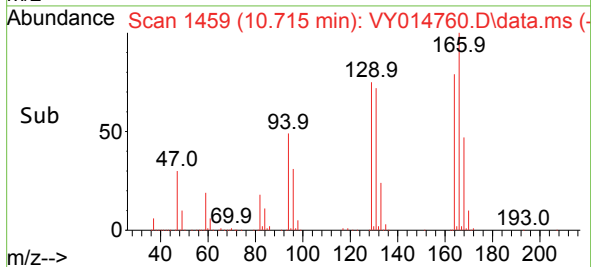
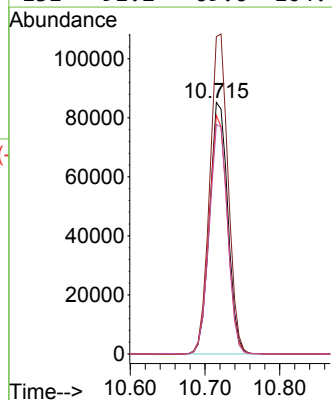
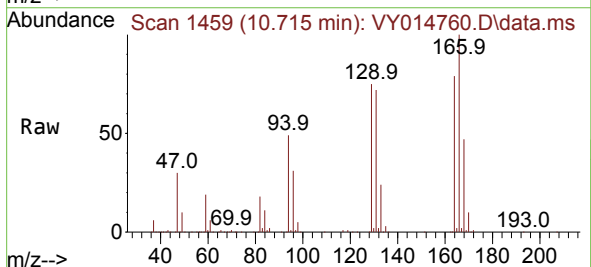
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

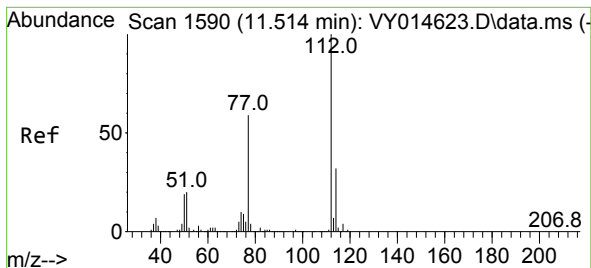
Tgt Ion:117 Resp: 336477
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 31.4 26.3 39.5



#64
Tetrachloroethene
Concen: 53.665 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

Tgt Ion:164 Resp: 145227
Ion Ratio Lower Upper
164 100
166 126.2 103.0 154.6
129 94.9 77.2 115.8
131 91.2 69.6 104.4

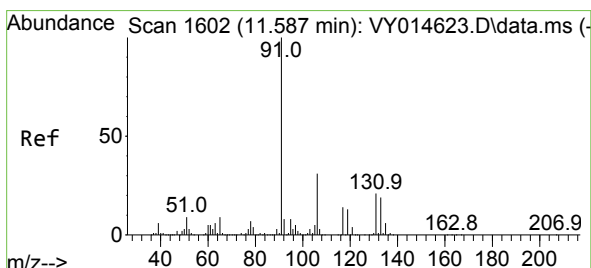
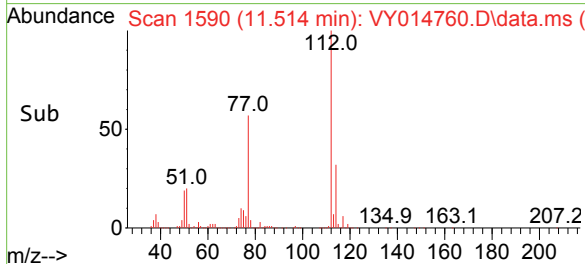
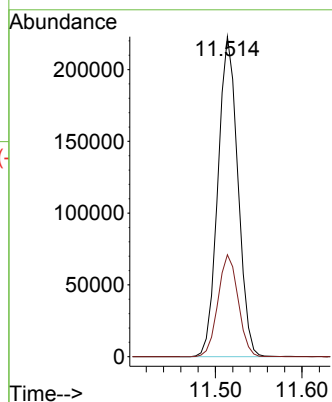
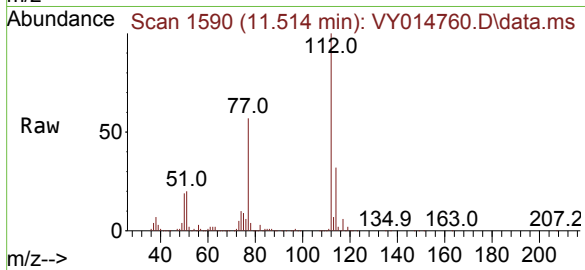




#65
Chlorobenzene
Concen: 49.726 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

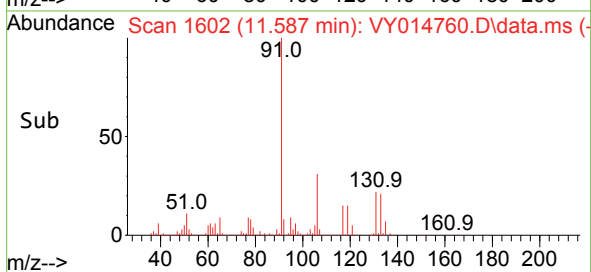
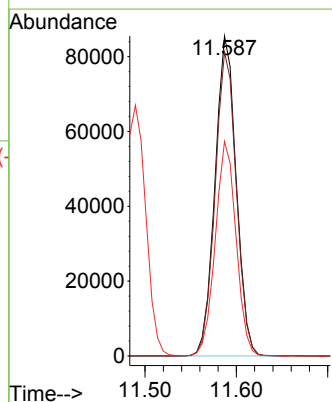
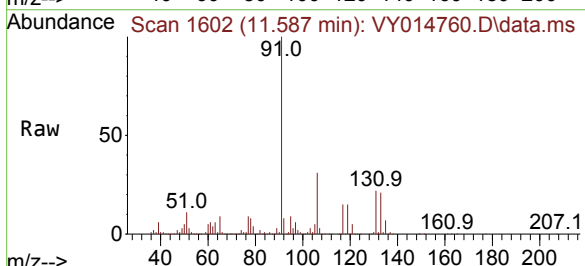
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

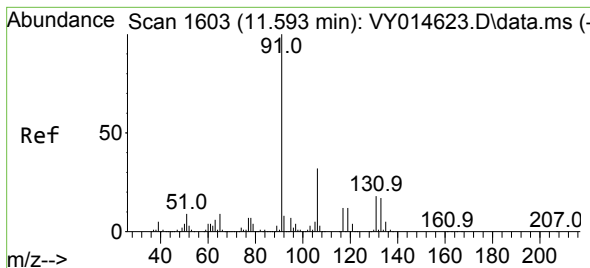
Tgt Ion:112 Resp: 356549
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.988 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

Tgt Ion:131 Resp: 137845
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.6
119 65.8 31.6 94.7

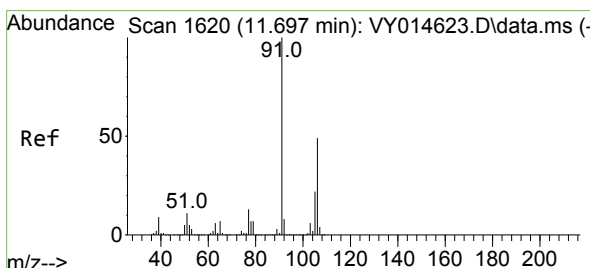
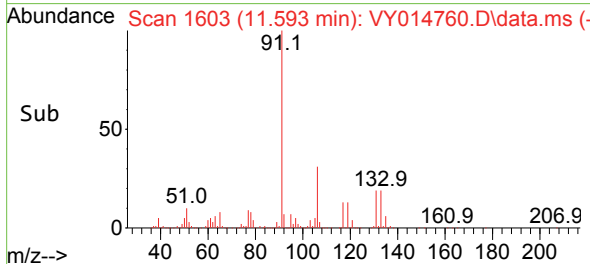
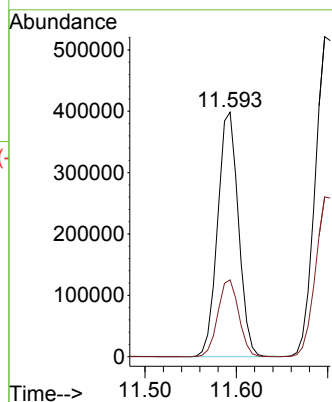
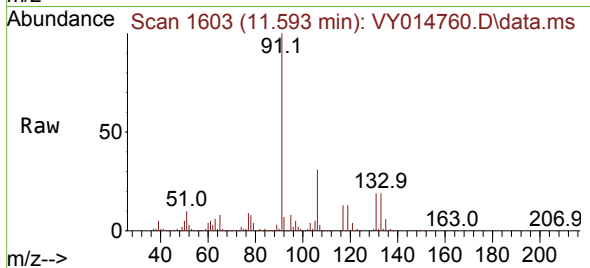




#67
Ethyl Benzene
Concen: 48.612 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

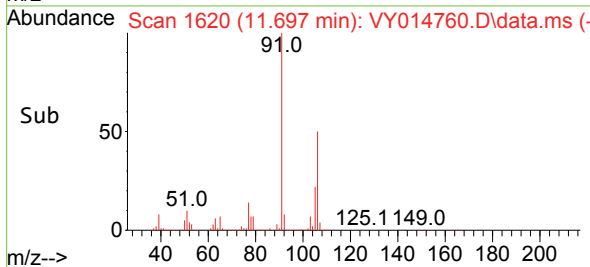
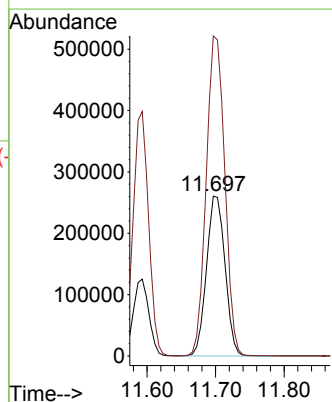
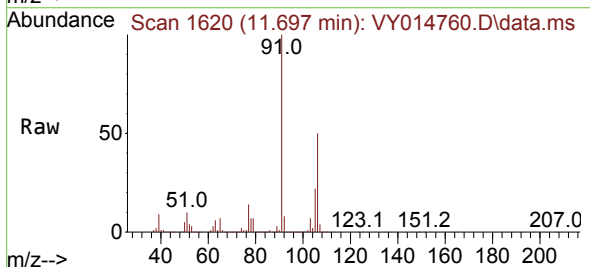
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

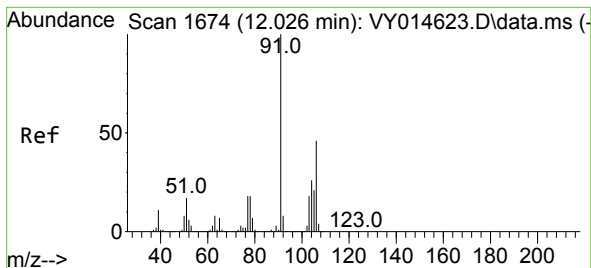
Tgt Ion: 91 Resp: 629333
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8



#68
m/p-Xylenes
Concen: 98.817 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

Tgt Ion: 106 Resp: 488331
Ion Ratio Lower Upper
106 100
91 201.0 166.1 249.1

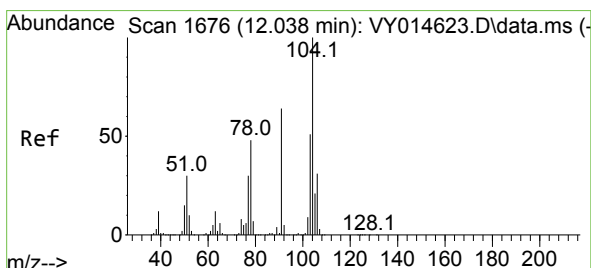
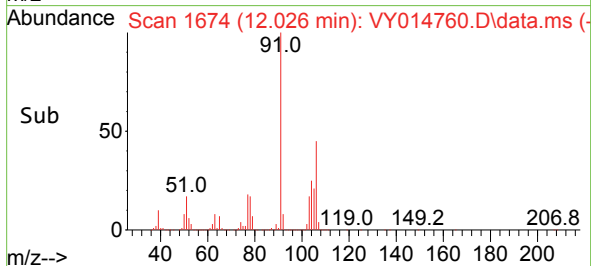
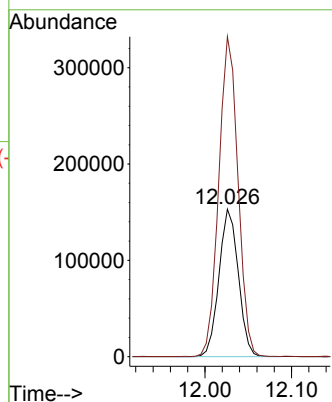
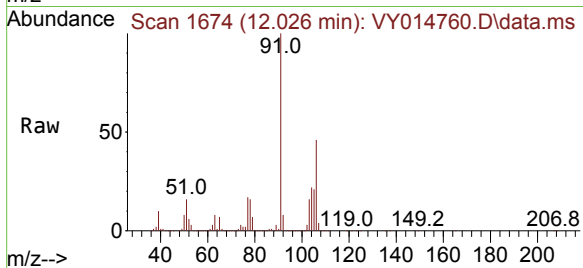




#69
o-Xylene
Concen: 49.345 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

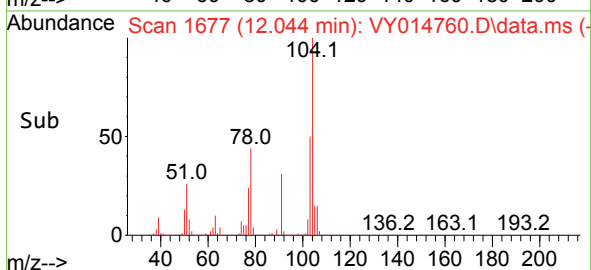
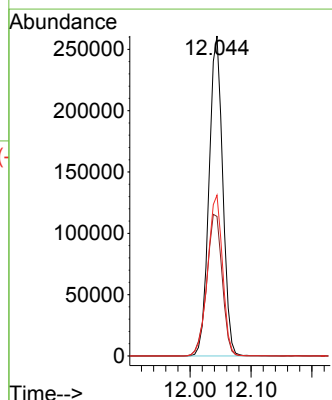
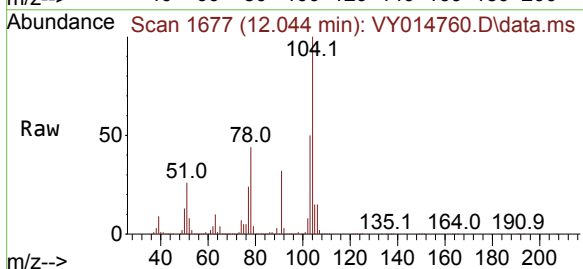
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

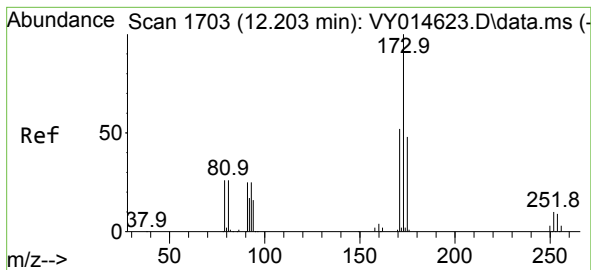
Tgt Ion:106 Resp: 237514
Ion Ratio Lower Upper
106 100
91 215.5 108.1 324.3



#70
Styrene
Concen: 50.417 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

Tgt Ion:104 Resp: 409010
Ion Ratio Lower Upper
104 100
78 49.8 41.5 62.3
103 54.8 44.6 67.0





#71

Bromoform

Concen: 53.232 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014760.D

Acq: 21 Jul 2023 20:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

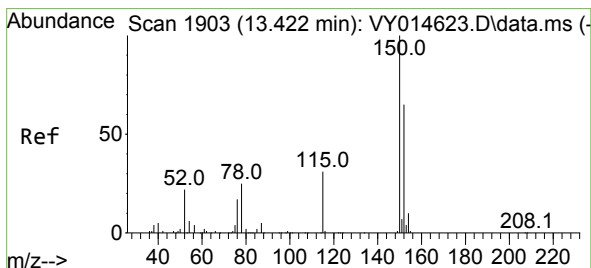
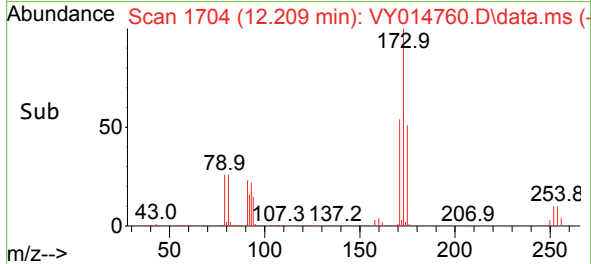
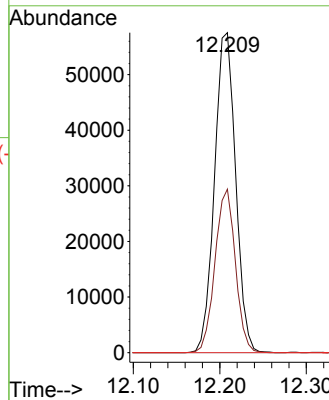
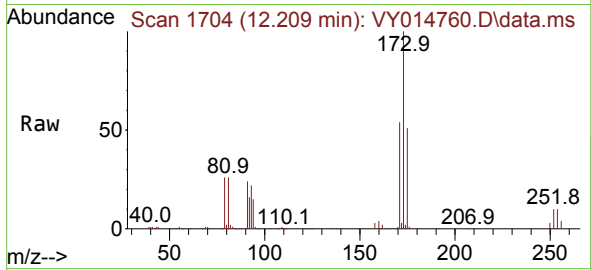
Tgt Ion:173 Resp: 97547

Ion Ratio Lower Upper

173 100

175 49.3 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY014760.D

Acq: 21 Jul 2023 20:27

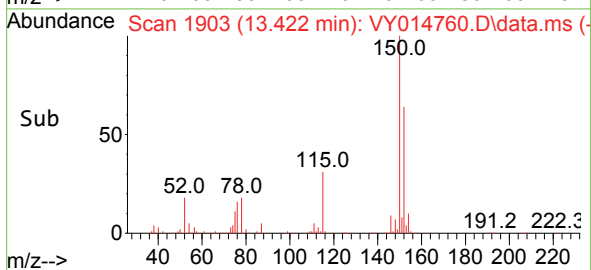
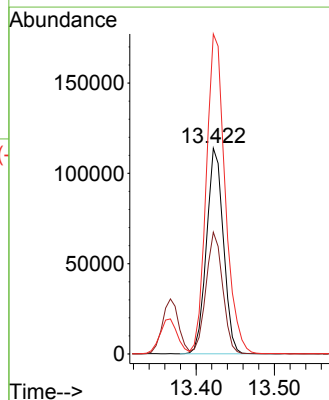
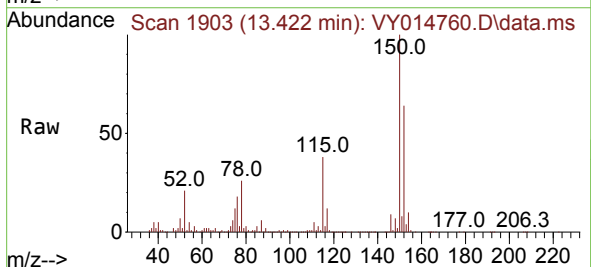
Tgt Ion:152 Resp: 170158

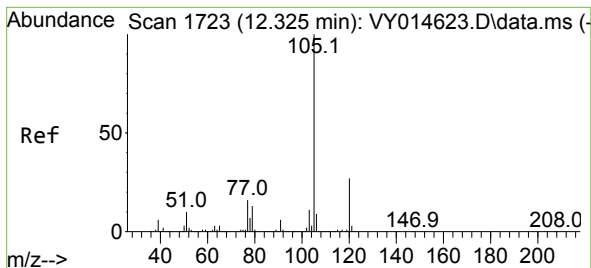
Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 173.6 0.0 348.8





#73

Isopropylbenzene

Concen: 47.154 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014760.D

Acq: 21 Jul 2023 20:27

Instrument :

MSVOA_Y

ClientSampleId :

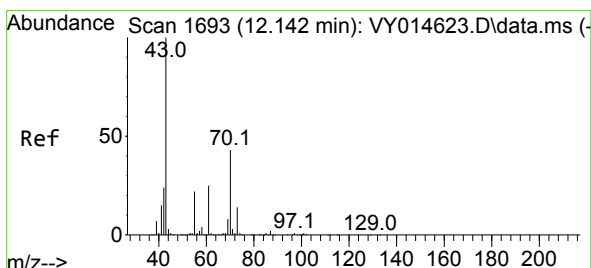
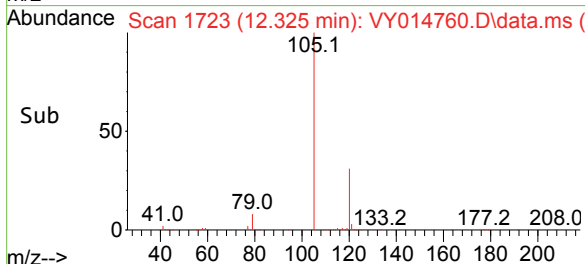
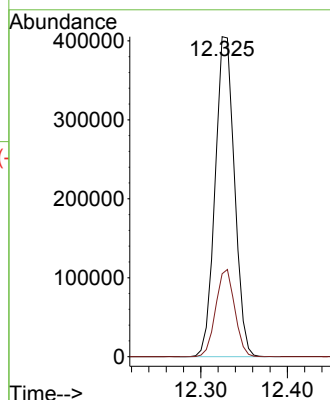
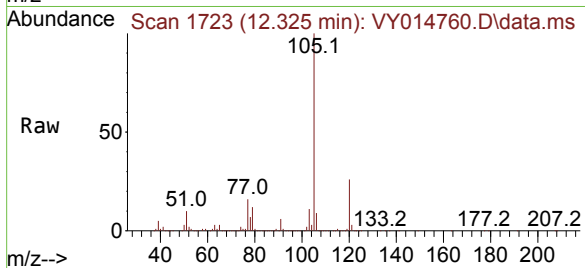
VSTDCCC050EC

Tgt Ion:105 Resp: 628253

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 49.095 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014760.D

Acq: 21 Jul 2023 20:27

Tgt Ion: 43 Resp: 219076

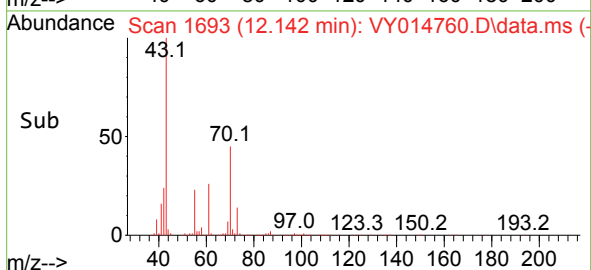
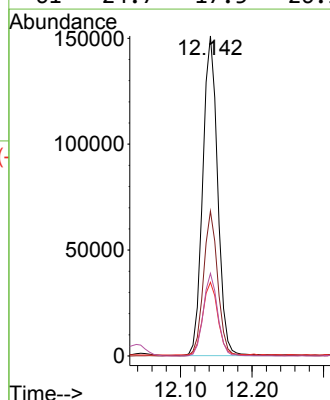
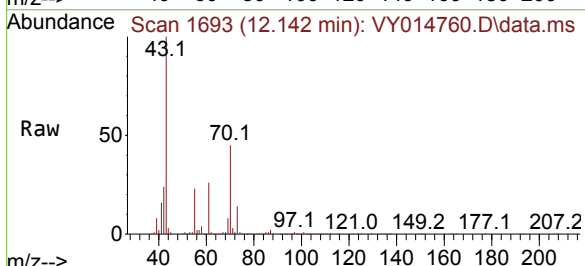
Ion Ratio Lower Upper

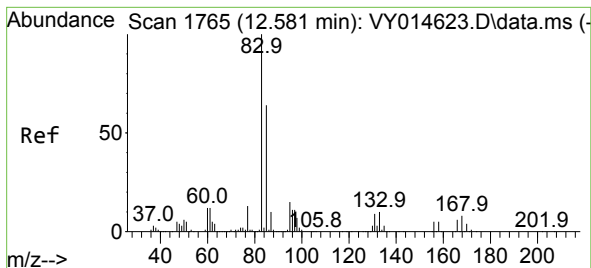
43 100

70 43.2 29.7 44.5

55 23.1 18.3 27.5

61 24.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 50.179 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014760.D

Acq: 21 Jul 2023 20:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

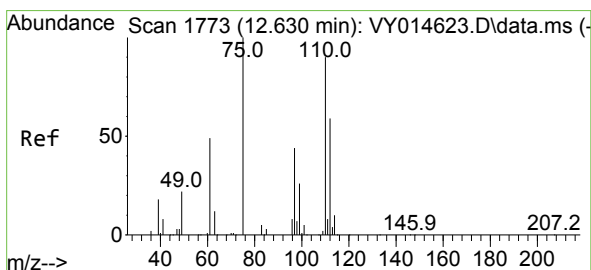
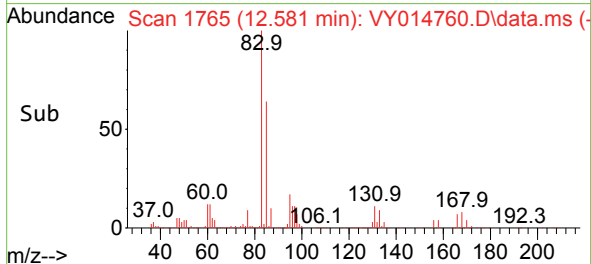
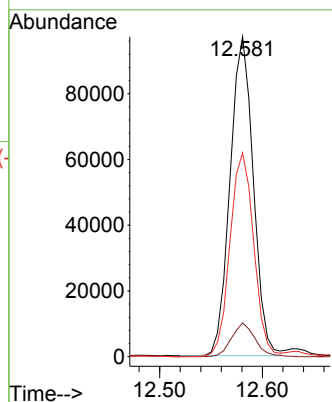
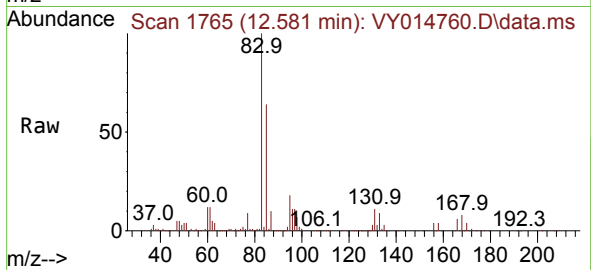
Tgt Ion: 83 Resp: 152460

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

85 65.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 92.886 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.001 min

Lab File: VY014760.D

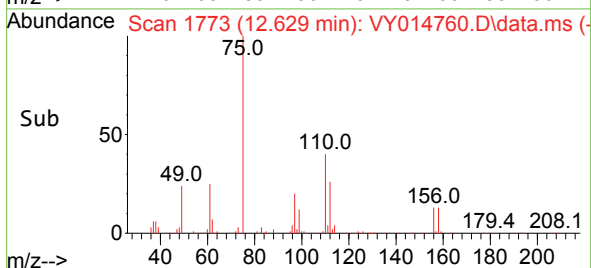
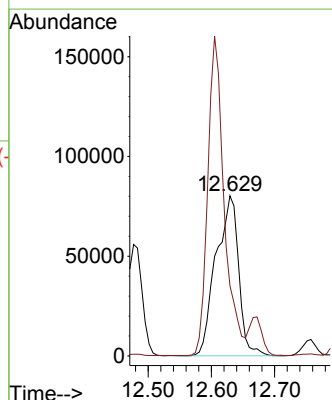
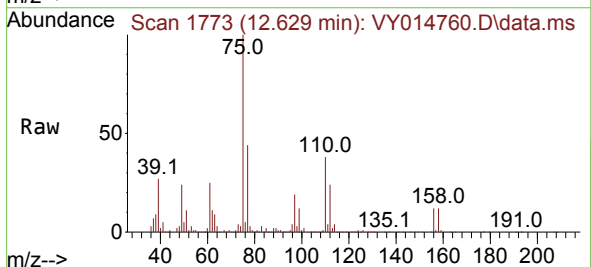
Acq: 21 Jul 2023 20:27

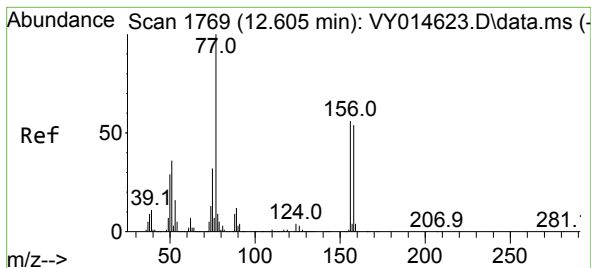
Tgt Ion: 75 Resp: 199616

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.630 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY014760.D

Acq: 21 Jul 2023 20:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

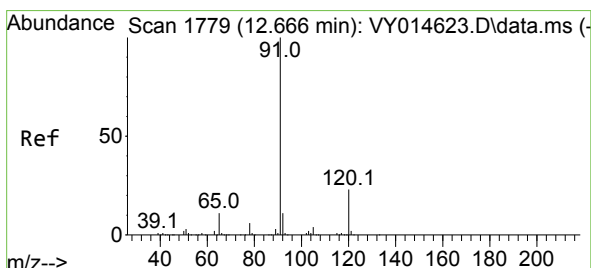
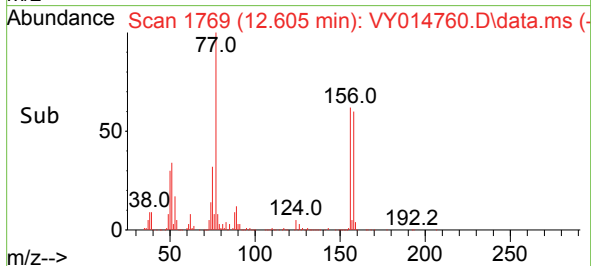
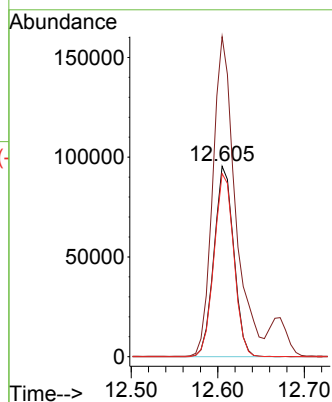
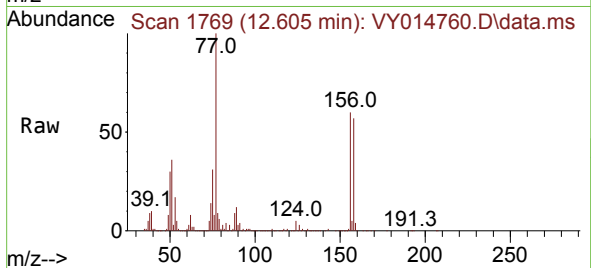
Tgt Ion:156 Resp: 150939

Ion Ratio Lower Upper

156 100

77 192.5 92.8 278.6

158 96.7 48.4 145.3



#78

n-propylbenzene

Concen: 46.747 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY014760.D

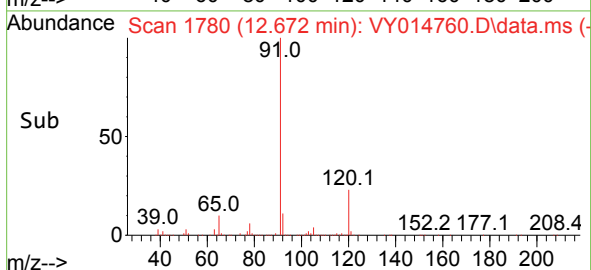
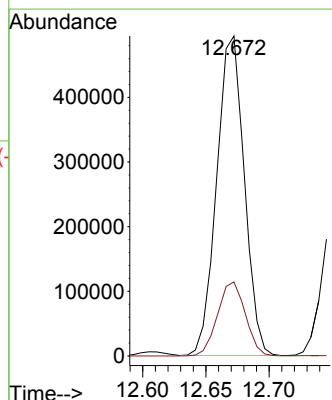
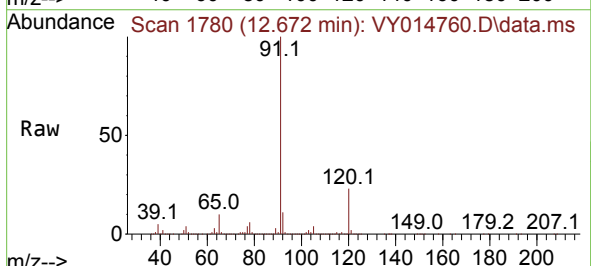
Acq: 21 Jul 2023 20:27

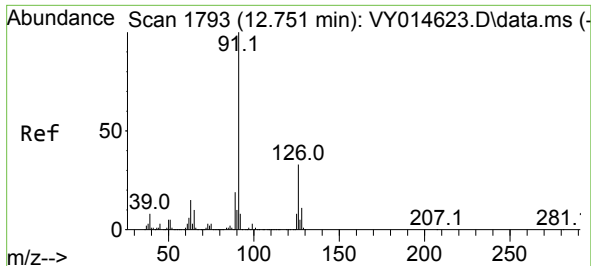
Tgt Ion: 91 Resp: 750524

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

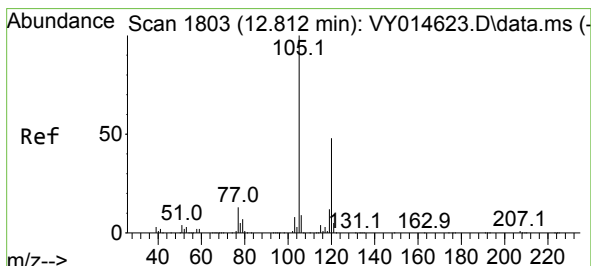
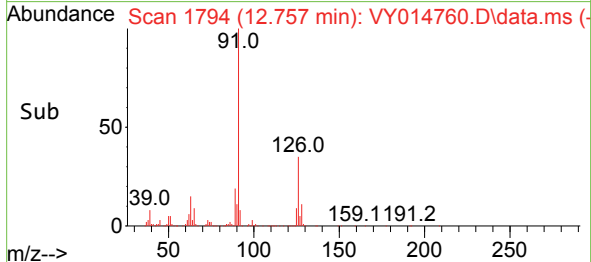
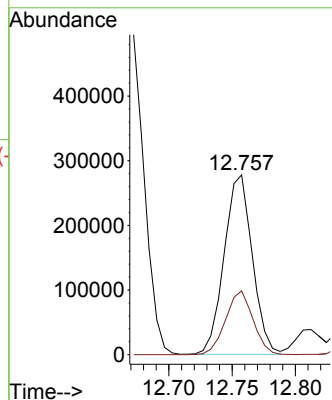
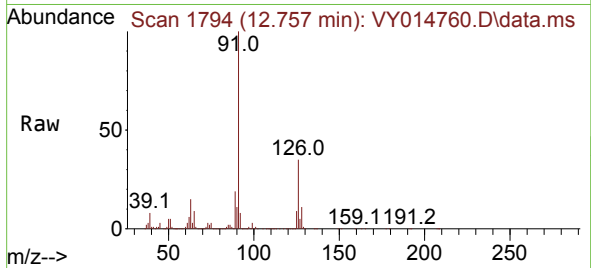




#79
2-Chlorotoluene
Concen: 46.582 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

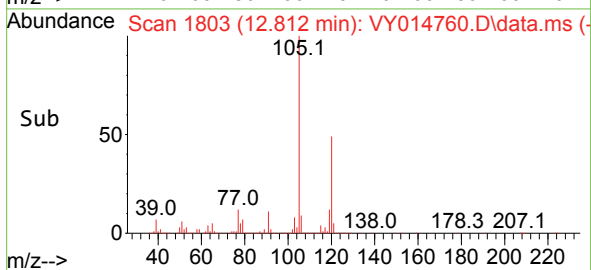
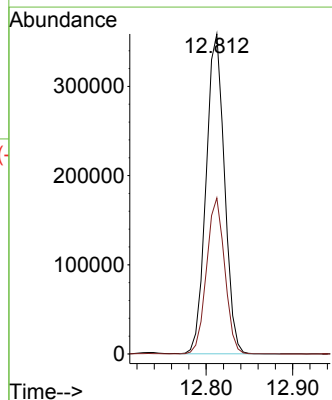
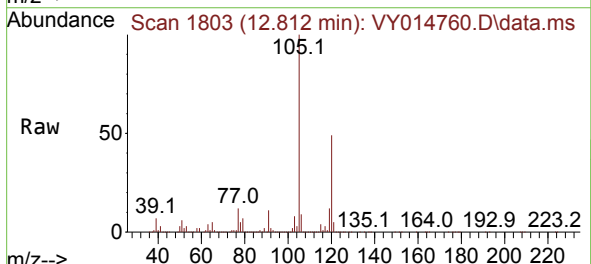
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

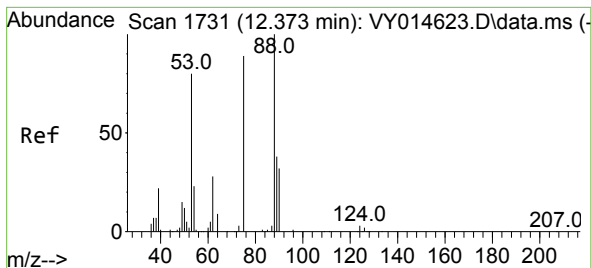
Tgt Ion: 91 Resp: 430759
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 47.471 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

Tgt Ion: 105 Resp: 528214
Ion Ratio Lower Upper
105 100
120 48.3 23.9 71.7

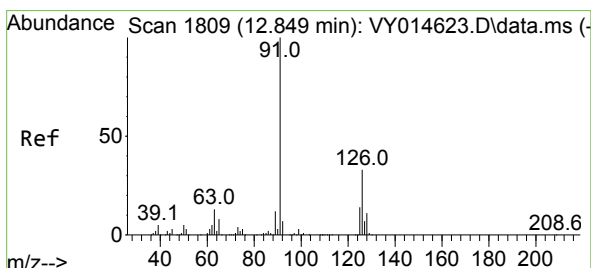
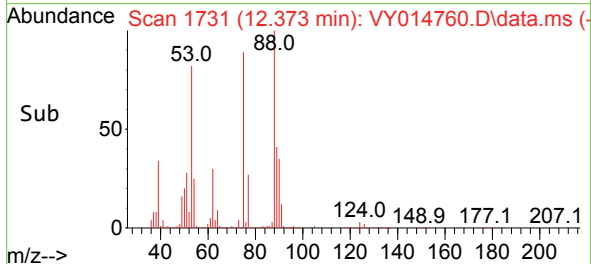
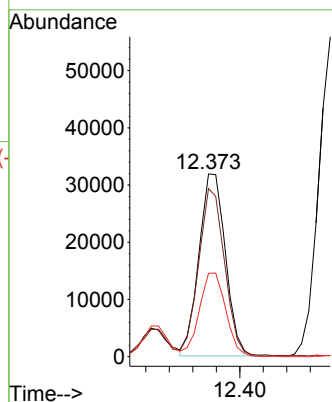
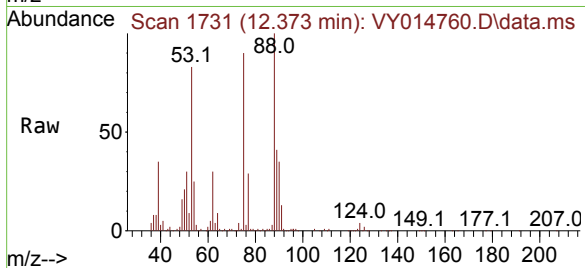




#81
trans-1,4-Dichloro-2-butene
Concen: 44.854 ug/l
RT: 12.373 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

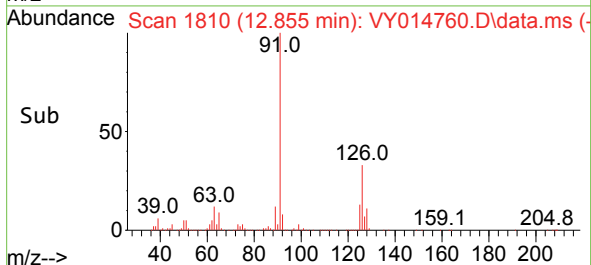
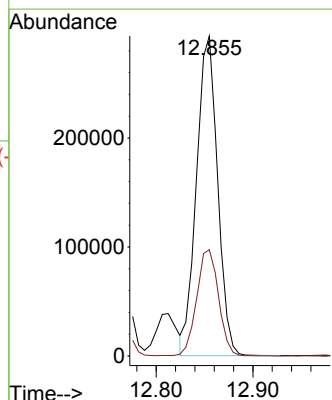
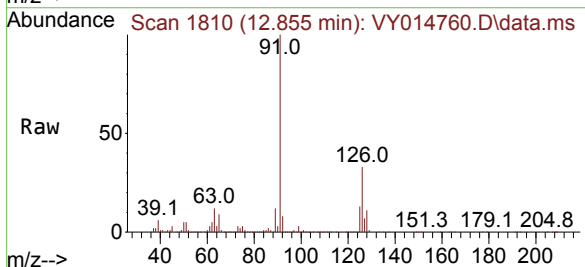
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

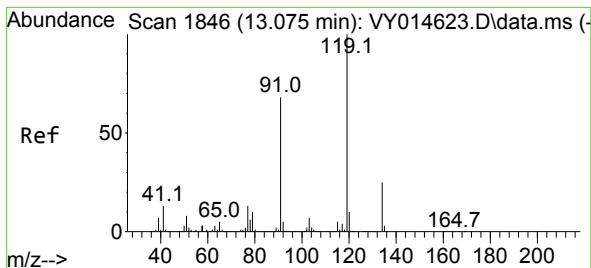
Tgt Ion: 75 Resp: 49785
Ion Ratio Lower Upper
75 100
53 89.8 77.8 116.8
89 46.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 46.776 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

Tgt Ion: 91 Resp: 445490
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 47.124 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.001 min

Lab File: VY014760.D

Acq: 21 Jul 2023 20:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

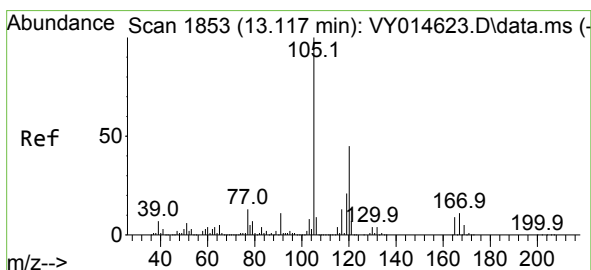
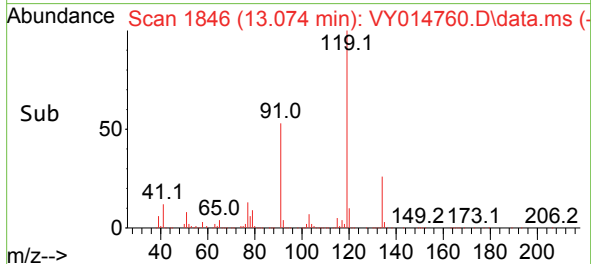
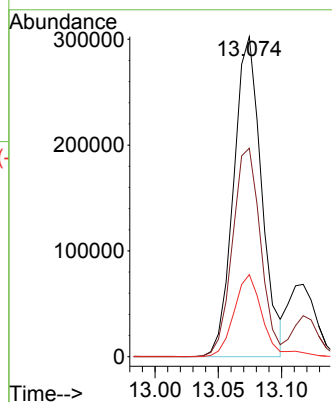
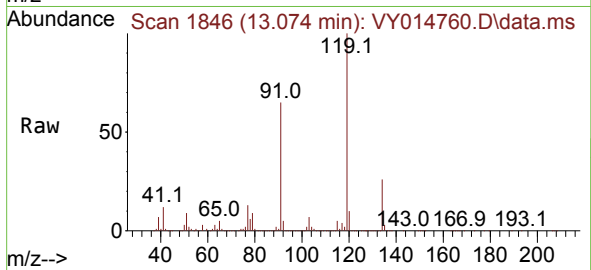
Tgt Ion:119 Resp: 465131

Ion Ratio Lower Upper

119 100

91 65.5 32.9 98.6

134 26.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 47.730 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014760.D

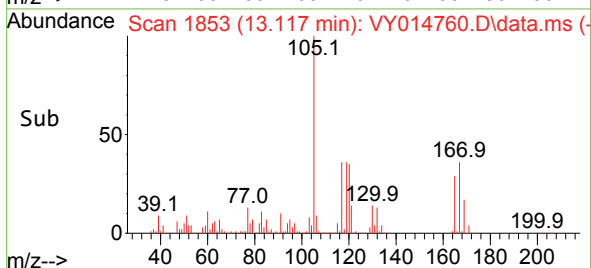
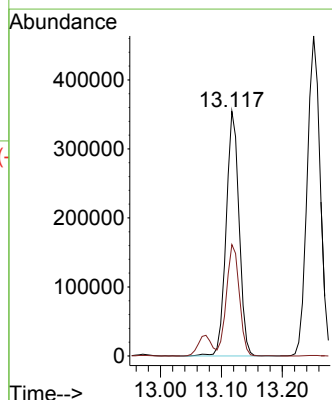
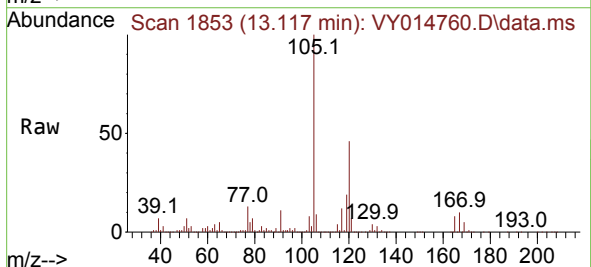
Acq: 21 Jul 2023 20:27

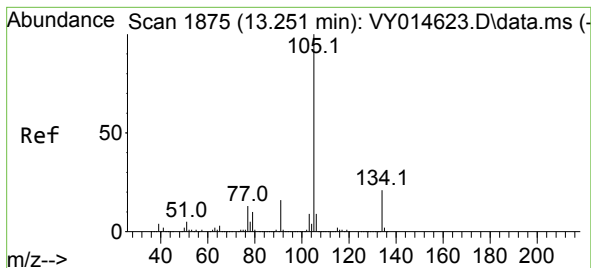
Tgt Ion:105 Resp: 521209

Ion Ratio Lower Upper

105 100

120 45.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 47.455 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014760.D

Acq: 21 Jul 2023 20:27

Instrument :

MSVOA_Y

ClientSampleId :

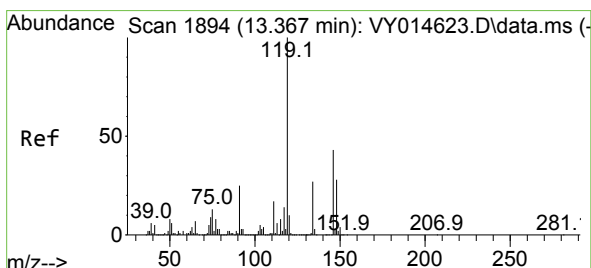
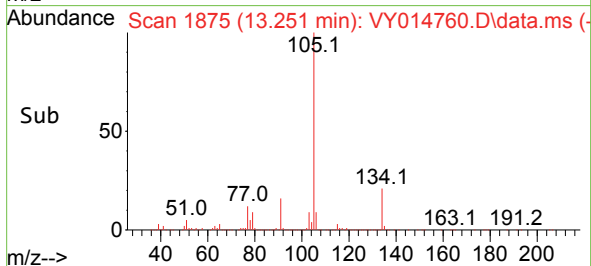
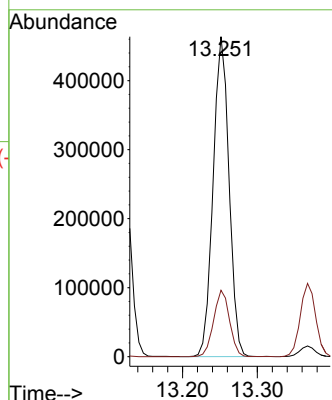
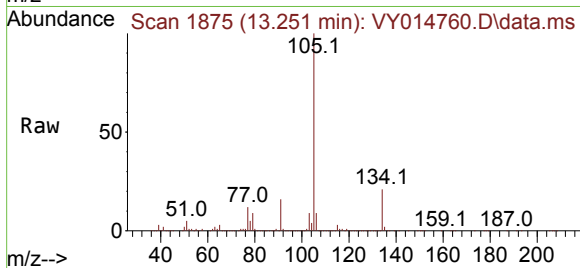
VSTDCCC050EC

Tgt Ion:105 Resp: 687109

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.6



#86

p-Isopropyltoluene

Concen: 48.445 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014760.D

Acq: 21 Jul 2023 20:27

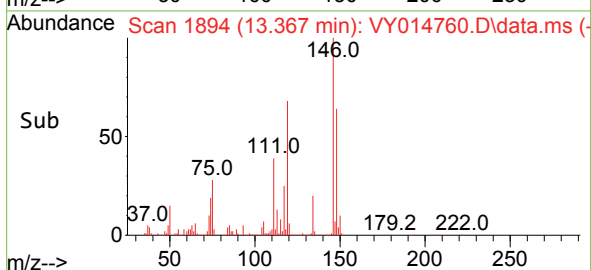
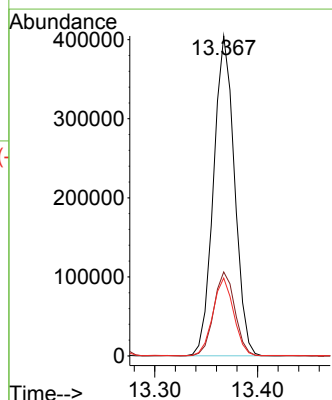
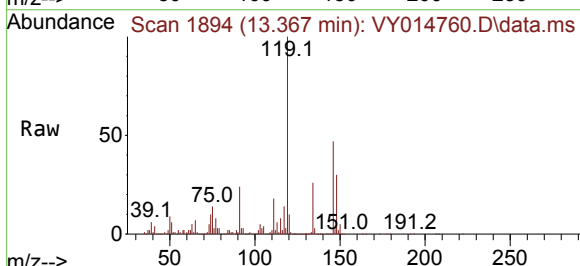
Tgt Ion:119 Resp: 572705

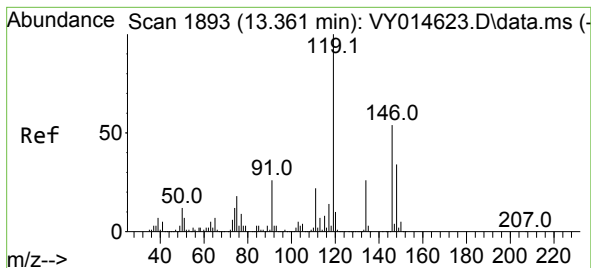
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 24.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.313 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014760.D

Acq: 21 Jul 2023 20:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

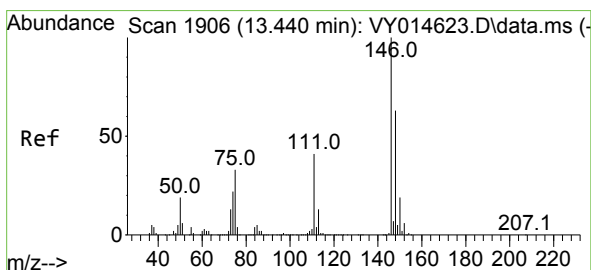
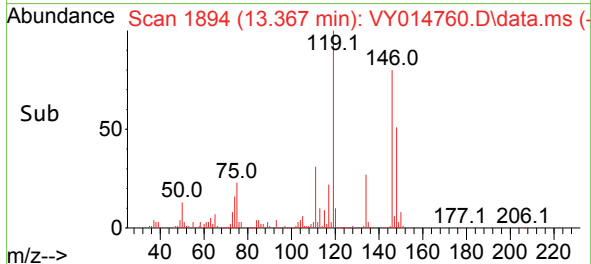
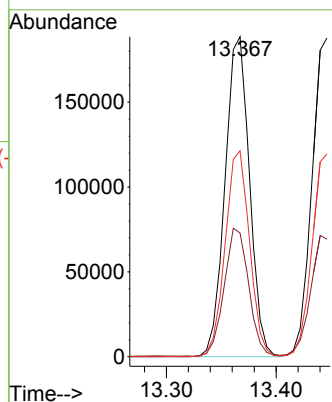
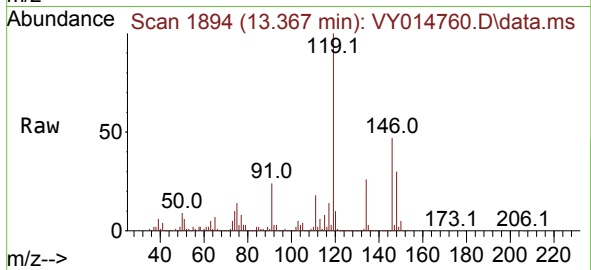
Tgt Ion:146 Resp: 291888

Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.2

148 64.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 49.450 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY014760.D

Acq: 21 Jul 2023 20:27

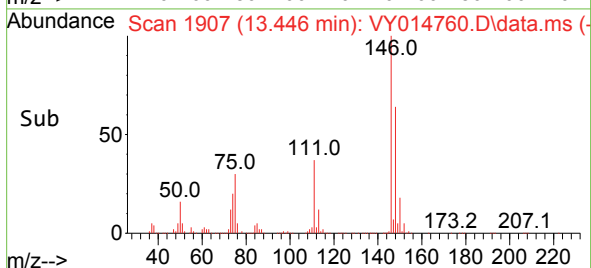
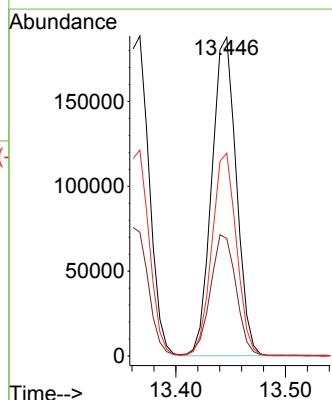
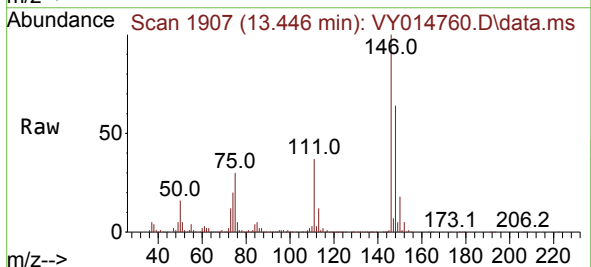
Tgt Ion:146 Resp: 293311

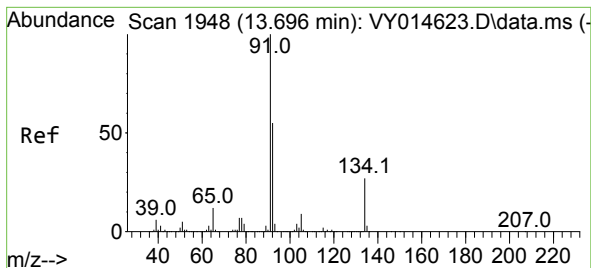
Ion Ratio Lower Upper

146 100

111 39.1 18.9 56.7

148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 47.085 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014760.D

Acq: 21 Jul 2023 20:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

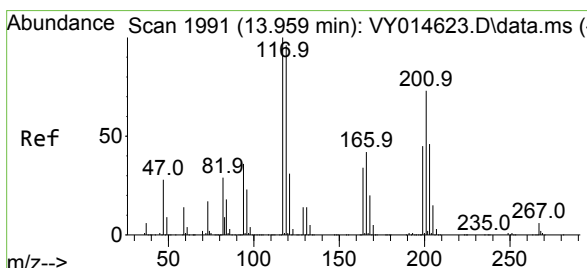
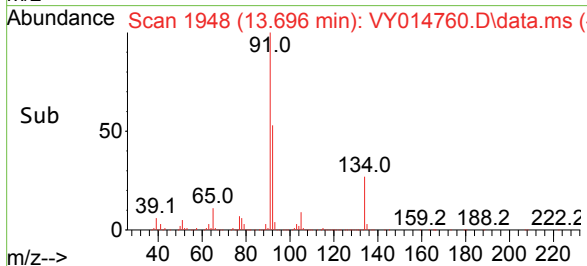
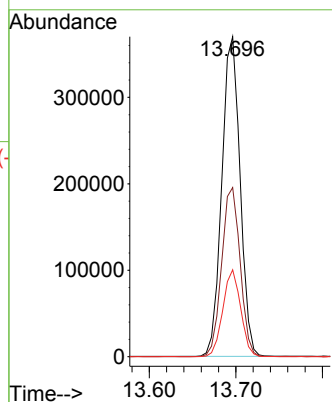
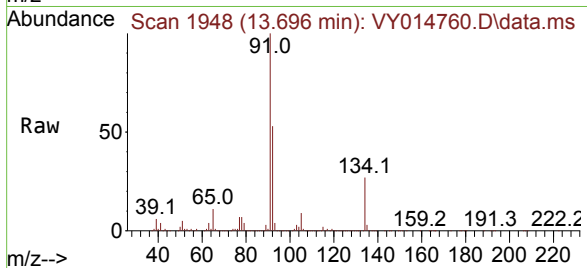
Tgt Ion: 91 Resp: 541548

Ion Ratio Lower Upper

91 100

92 53.6 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 46.614 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.001 min

Lab File: VY014760.D

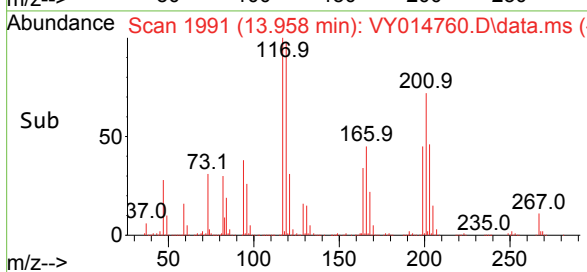
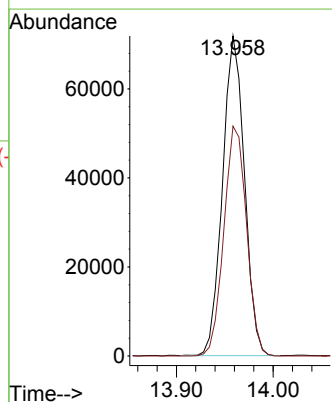
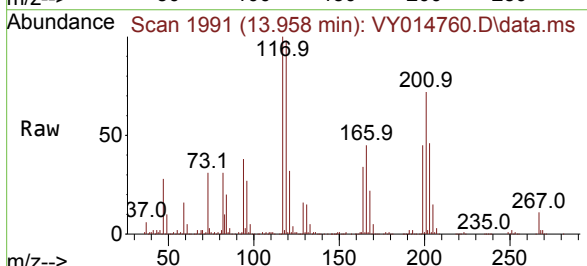
Acq: 21 Jul 2023 20:27

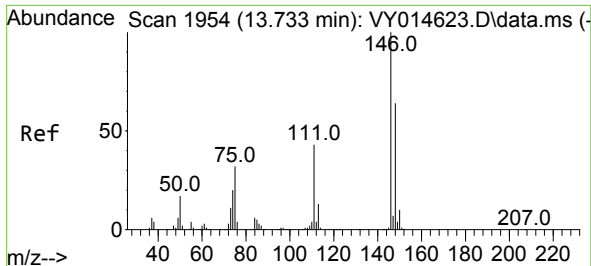
Tgt Ion: 117 Resp: 113189

Ion Ratio Lower Upper

117 100

201 74.3 41.6 124.8

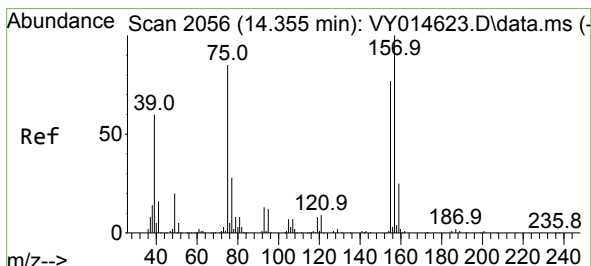
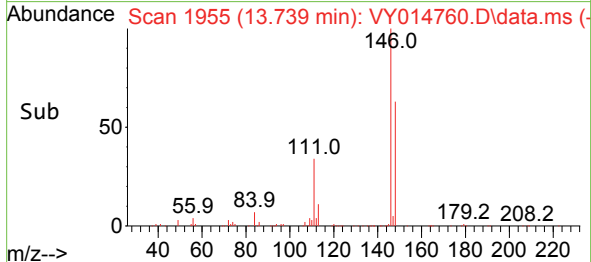
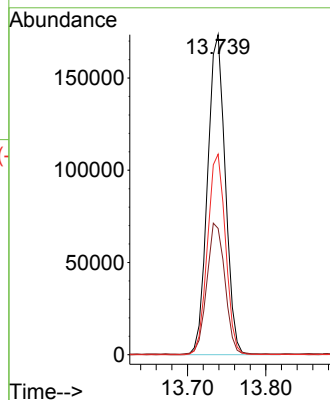
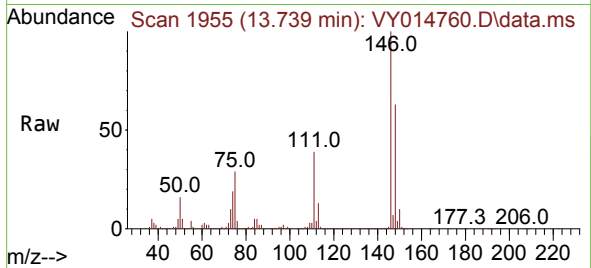




#91
1,2-Dichlorobenzene
Concen: 50.199 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

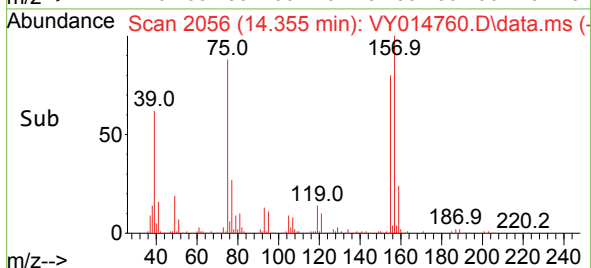
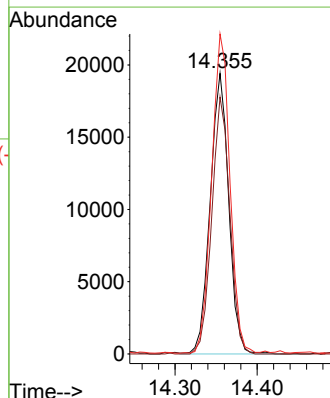
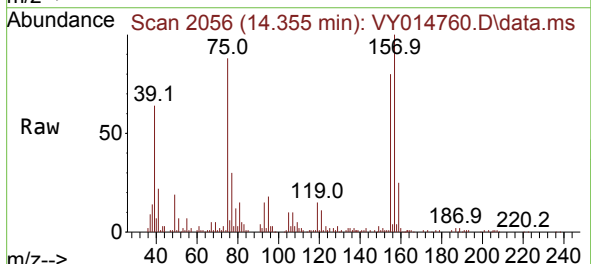
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

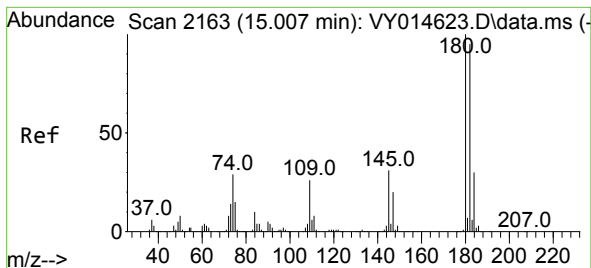
Tgt Ion:146 Resp: 272236
Ion Ratio Lower Upper
146 100
111 41.8 19.7 59.0
148 63.6 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.426 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014760.D
Acq: 21 Jul 2023 20:27

Tgt Ion: 75 Resp: 30462
Ion Ratio Lower Upper
75 100
155 88.9 41.5 124.6
157 112.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.105 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014760.D

Acq: 21 Jul 2023 20:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

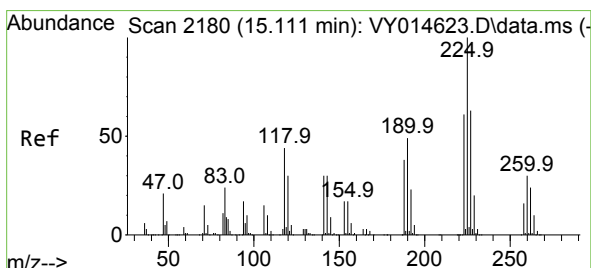
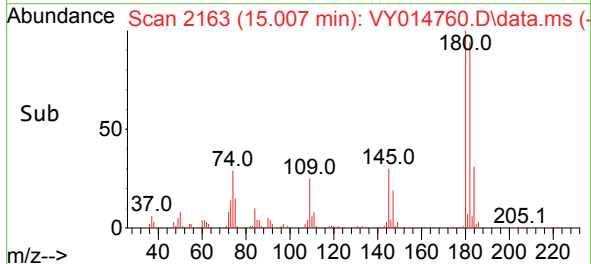
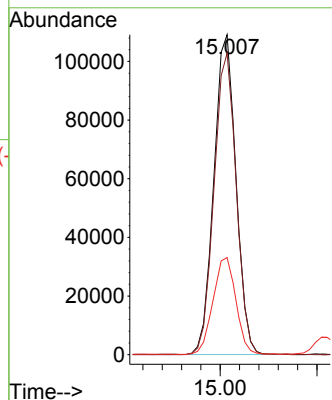
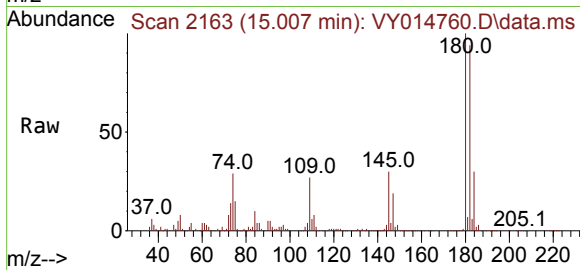
Tgt Ion:180 Resp: 172489

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

145 31.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 48.420 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014760.D

Acq: 21 Jul 2023 20:27

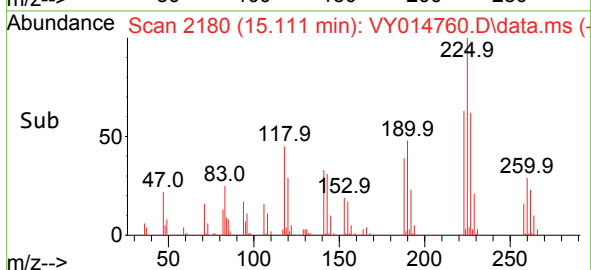
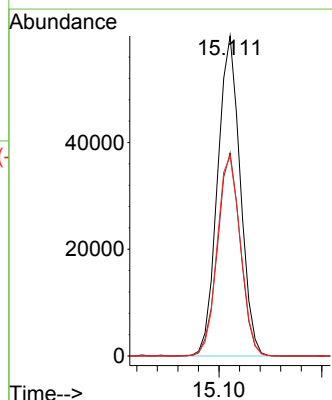
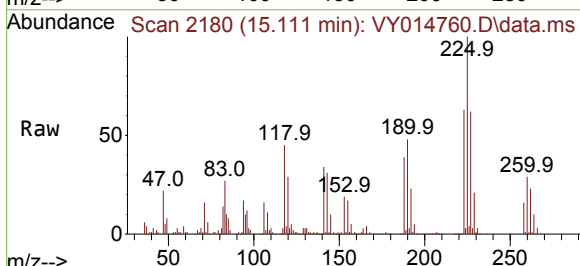
Tgt Ion:225 Resp: 91600

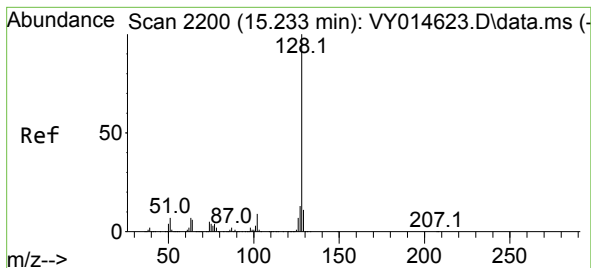
Ion Ratio Lower Upper

225 100

223 63.7 31.9 95.9

227 64.1 33.0 98.9





#95

Naphthalene

Concen: 53.719 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY014760.D

Acq: 21 Jul 2023 20:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

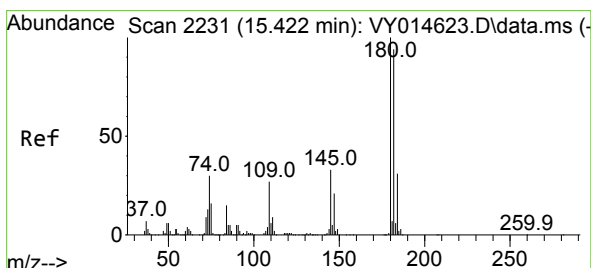
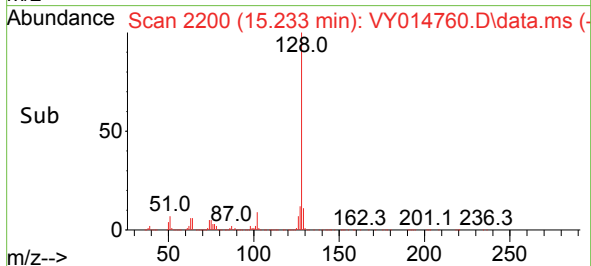
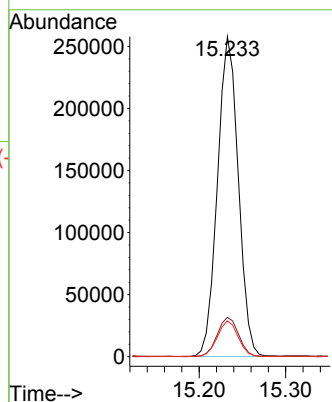
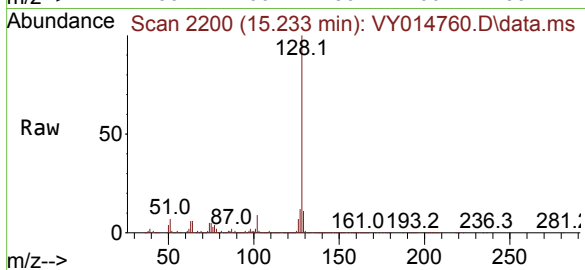
Tgt Ion:128 Resp: 430842

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.690 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014760.D

Acq: 21 Jul 2023 20:27

Tgt Ion:180 Resp: 155086

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.8

145 33.4 15.4 46.2

