

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014446.D
 Acq On : 26 Jun 2023 19:57
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 27 01:51:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	410976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	599156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	558540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	311244	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	266785	52.284	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.560%	
35) Dibromofluoromethane	7.728	113	190971	51.590	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.180%	
50) Toluene-d8	10.185	98	761289	51.736	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.480%	
62) 4-Bromofluorobenzene	12.483	95	271857	51.750	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.500%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	89186	23.378	ug/l	96
3) Chloromethane	2.113	50	77960	20.882	ug/l	96
4) Vinyl Chloride	2.253	62	95669	23.512	ug/l	100
5) Bromomethane	2.649	94	90814	25.402	ug/l	97
6) Chloroethane	2.796	64	66214	24.567	ug/l	99
7) Trichlorofluoromethane	3.125	101	213785	26.612	ug/l	99
8) Diethyl Ether	3.533	74	62632	25.571	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.905	101	96597	25.442	ug/l	94
10) Methyl Iodide	4.094	142	104898	22.578	ug/l	92
11) Tert butyl alcohol	4.960	59	78167	103.179	ug/l #	79
12) 1,1-Dichloroethene	3.881	96	95481	25.219	ug/l	93
13) Acrolein	3.735	56	71210	106.943	ug/l	99
14) Allyl chloride	4.485	41	141690	23.432	ug/l	86
15) Acrylonitrile	5.167	53	171514	125.230	ug/l	99
16) Acetone	3.948	43	154202	96.039	ug/l	100
17) Carbon Disulfide	4.198	76	287125	24.506	ug/l	97
18) Methyl Acetate	4.485	43	131187	23.767	ug/l	91
19) Methyl tert-butyl Ether	5.228	73	323692	27.796	ug/l	94
20) Methylene Chloride	4.722	84	116776	22.081	ug/l	86
21) trans-1,2-Dichloroethene	5.228	96	108214	25.994	ug/l	98
22) Diisopropyl ether	6.131	45	298447	24.836	ug/l #	93
23) Vinyl Acetate	6.070	43	946293	154.238	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	180664	25.318	ug/l	99
25) 2-Butanone	6.990	43	224692	112.354	ug/l	98
26) 2,2-Dichloropropane	6.990	77	183149	24.274	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	124388	26.543	ug/l	94
28) Bromochloromethane	7.338	49	79283	25.477	ug/l #	74
29) Tetrahydrofuran	7.356	42	144769	121.403	ug/l #	85
30) Chloroform	7.514	83	218326	27.123	ug/l	95
31) Cyclohexane	7.795	56	151573	24.049	ug/l #	84
32) 1,1,1-Trichloroethane	7.710	97	210339	27.452	ug/l	97
36) 1,1-Dichloropropene	7.923	75	150890	26.452	ug/l	98
37) Ethyl Acetate	7.082	43	94767	24.106	ug/l #	94
38) Carbon Tetrachloride	7.905	117	202958	28.273	ug/l	97
39) Methylcyclohexane	9.191	83	176750	26.932	ug/l	93
40) Benzene	8.167	78	439711	27.216	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	144673	74.258	ug/l #	42
42) 1,2-Dichloroethane	8.240	62	176953	28.888	ug/l	99
43) Isopropyl Acetate	8.277	43	178884	25.770	ug/l #	95
44) Trichloroethene	8.947	130	127585	27.505	ug/l	98
45) 1,2-Dichloropropane	9.221	63	99341	26.078	ug/l	95
46) Dibromomethane	9.307	93	70454	27.064	ug/l	93
47) Bromodichloromethane	9.502	83	169890	28.000	ug/l	98
48) Methyl methacrylate	9.295	41	87169	27.037	ug/l	92
49) 1,4-Dioxane	9.301	88	23922	587.699	ug/l #	72
51) 4-Methyl-2-Pentanone	10.075	43	506933	129.392	ug/l	96
52) Toluene	10.246	92	295743	28.449	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	182573	27.754	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	183883	27.100	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	98324	28.206	ug/l	96
56) Ethyl methacrylate	10.514	69	141726	28.468	ug/l	94
57) 1,3-Dichloropropane	10.794	76	160187	27.320	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	368042	157.824	ug/l #	89
59) 2-Hexanone	10.837	43	376224	127.439	ug/l	96
60) Dibromochloromethane	10.989	129	136481	29.514	ug/l	98
61) 1,2-Dibromoethane	11.093	107	97868	28.198	ug/l	98
64) Tetrachloroethene	10.721	164	138231	29.083	ug/l	96
65) Chlorobenzene	11.520	112	327478	28.539	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	132126	28.585	ug/l	98
67) Ethyl Benzene	11.593	91	581351	28.451	ug/l	98
68) m/p-Xylenes	11.703	106	464206	58.166	ug/l	98
69) o-Xylene	12.032	106	222536	29.304	ug/l	99
70) Styrene	12.044	104	383864	29.493	ug/l	100
71) Bromoform	12.209	173	101030	29.574	ug/l #	100
73) Isopropylbenzene	12.331	105	585596	27.942	ug/l	99
74) N-amyl acetate	12.148	43	172309	25.961	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.587	83	118816	26.528	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	173567	44.455	ug/l #	100
77) Bromobenzene	12.611	156	152283	27.946	ug/l	92
78) n-propylbenzene	12.672	91	705109	27.887	ug/l	97
79) 2-Chlorotoluene	12.757	91	401238	27.786	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	522220	28.805	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	44894	26.179	ug/l	94
82) 4-Chlorotoluene	12.855	91	429479	27.919	ug/l	98
83) tert-Butylbenzene	13.074	119	456049	29.342	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	524003	29.168	ug/l	99
85) sec-Butylbenzene	13.257	105	638886	28.425	ug/l	98
86) p-Isopropyltoluene	13.373	119	572288	29.408	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	304040	28.927	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	306447	29.002	ug/l	100
89) n-Butylbenzene	13.696	91	507678	28.553	ug/l	98
90) Hexachloroethane	13.965	117	103328	27.911	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	280024	29.184	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27476	27.756	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	188220	30.193	ug/l	100
94) Hexachlorobutadiene	15.111	225	109692	29.293	ug/l	98
95) Naphthalene	15.239	128	403286	30.090	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	170900	30.108	ug/l	99

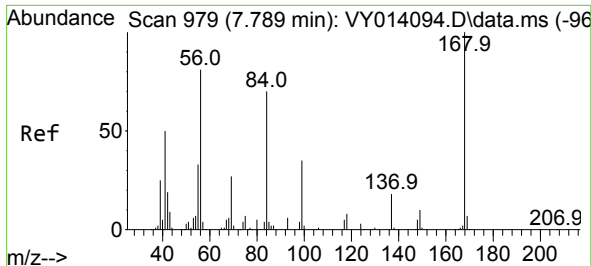
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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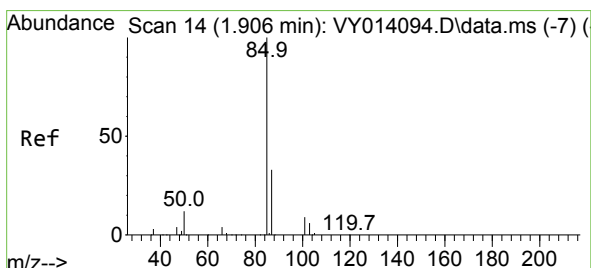
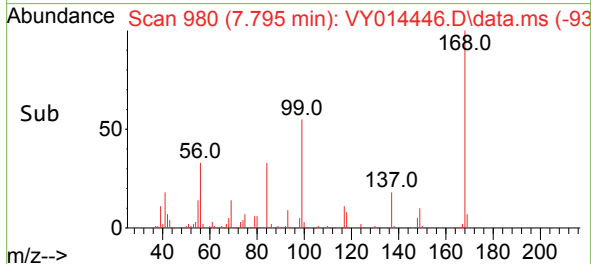
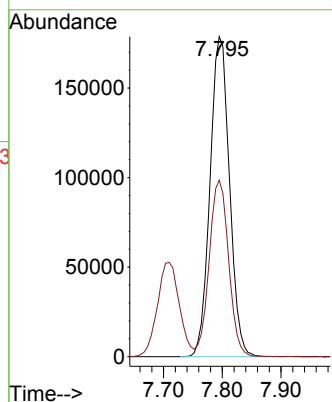
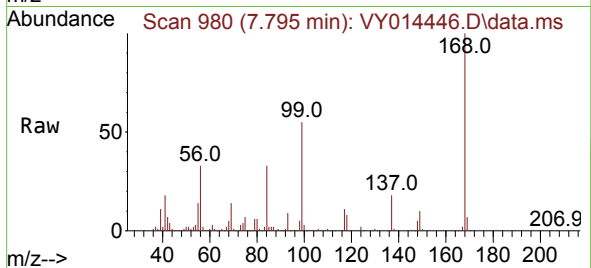
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

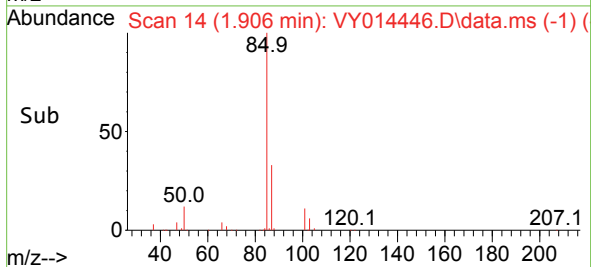
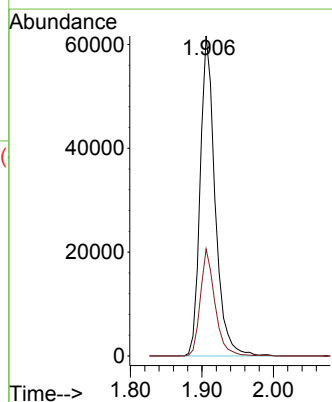
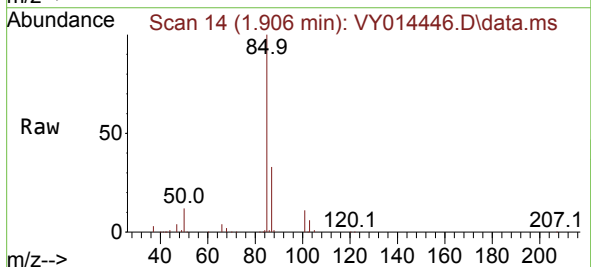
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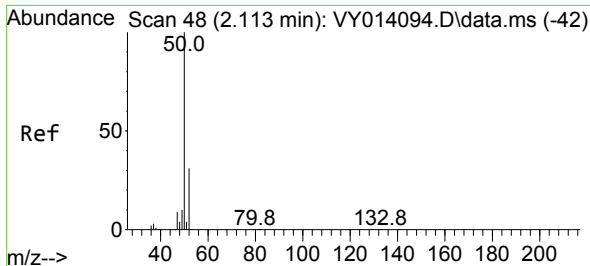
Tgt Ion:168 Resp: 410976
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 23.378 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion: 85 Resp: 89186
Ion Ratio Lower Upper
85 100
87 33.5 15.6 46.8

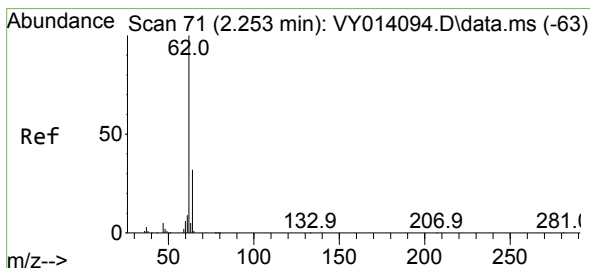
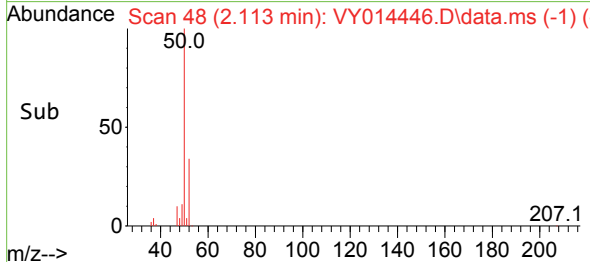
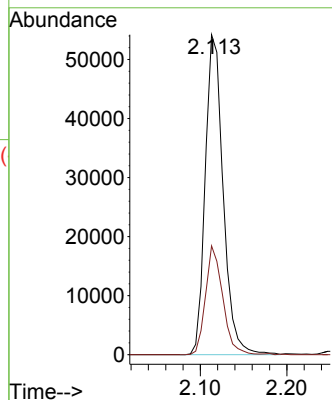
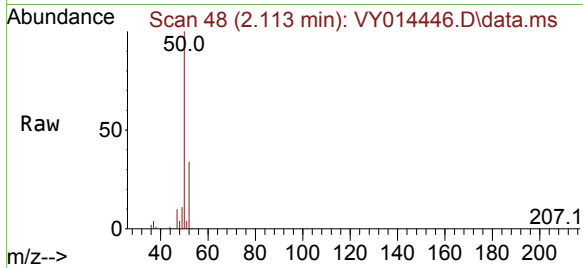




#3
Chloromethane
Concen: 20.882 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

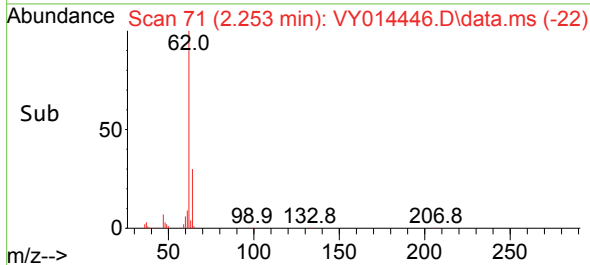
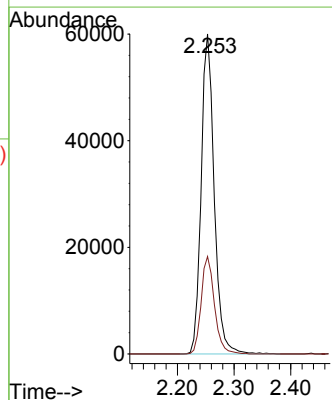
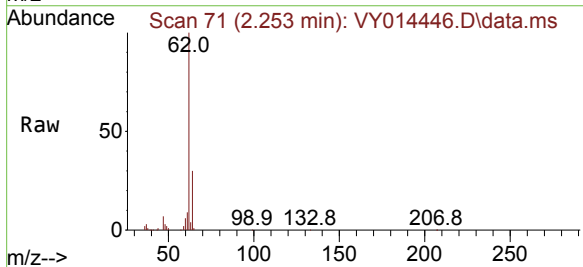
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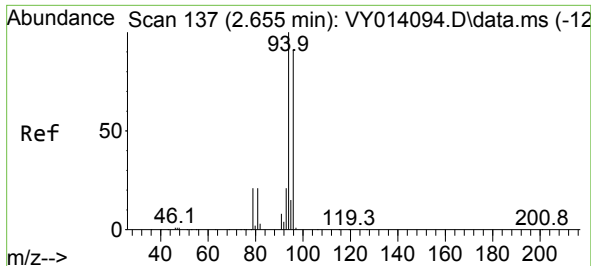
Tgt Ion: 50 Resp: 77960
Ion Ratio Lower Upper
50 100
52 34.0 25.4 38.2



#4
Vinyl Chloride
Concen: 23.512 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion: 62 Resp: 95669
Ion Ratio Lower Upper
62 100
64 30.4 24.3 36.5

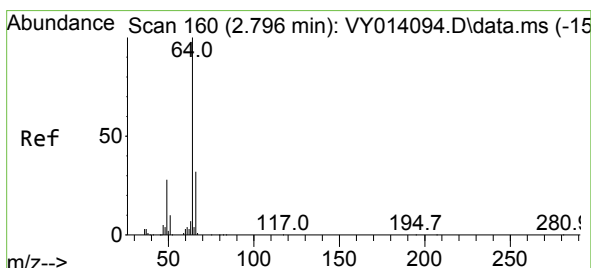
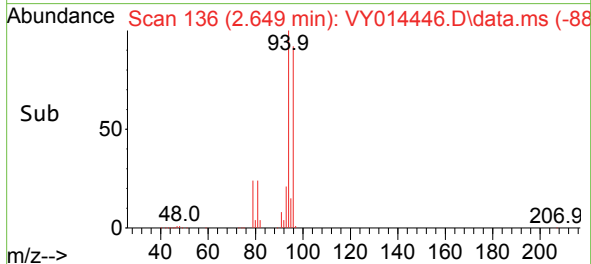
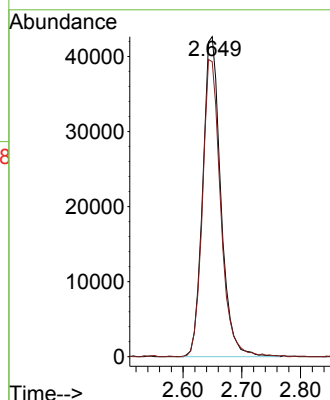
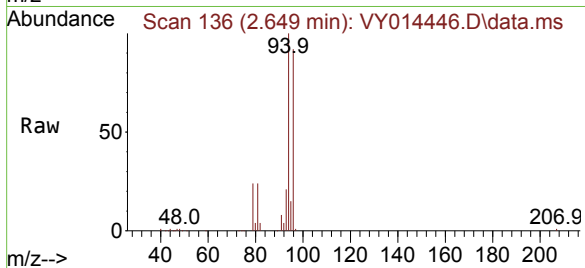




#5
Bromomethane
Concen: 25.402 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

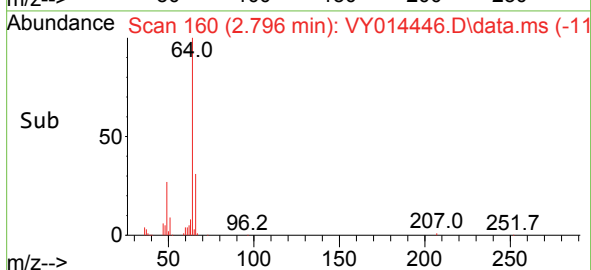
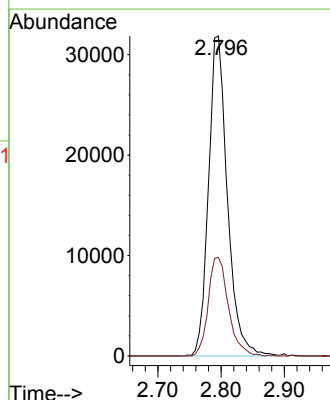
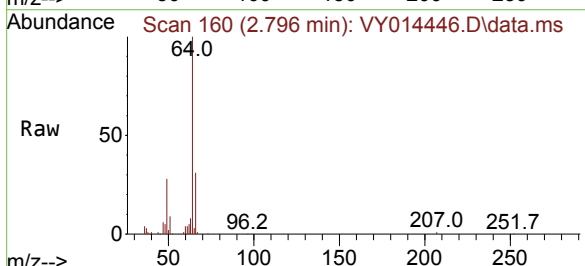
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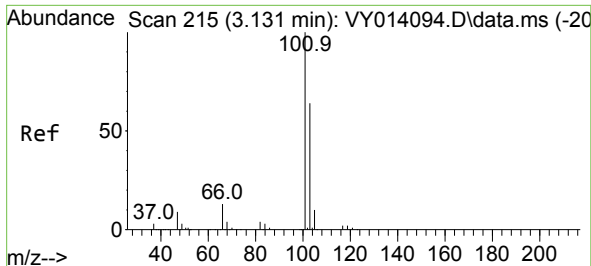
Tgt Ion: 94 Resp: 90814
Ion Ratio Lower Upper
94 100
96 92.2 75.8 113.6



#6
Chloroethane
Concen: 24.567 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion: 64 Resp: 66214
Ion Ratio Lower Upper
64 100
66 30.8 24.4 36.6

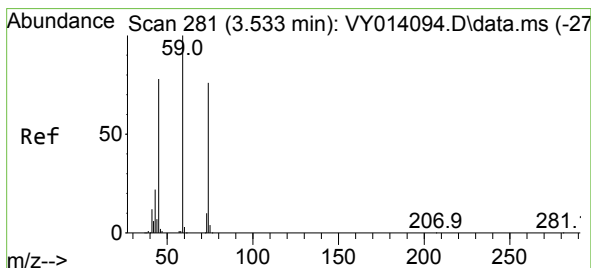
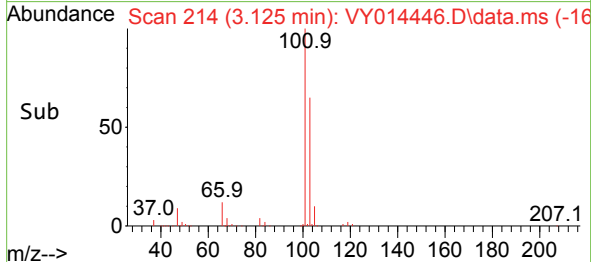
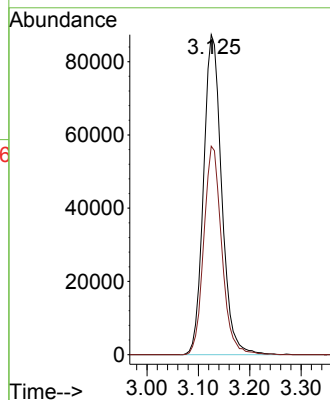
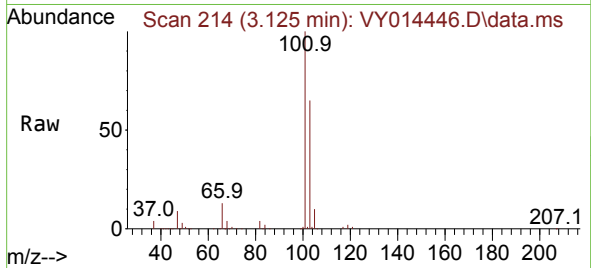




#7
Trichlorofluoromethane
Concen: 26.612 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

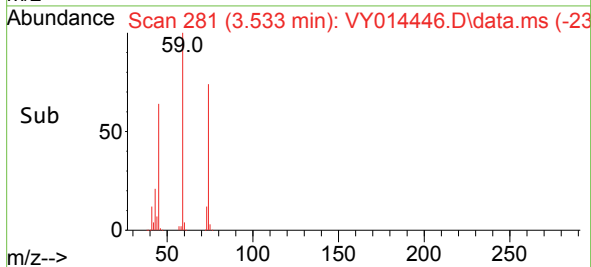
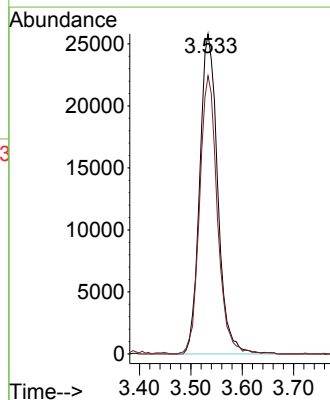
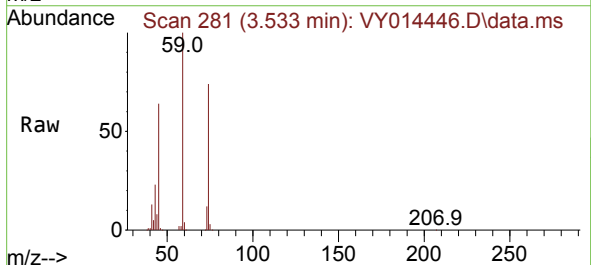
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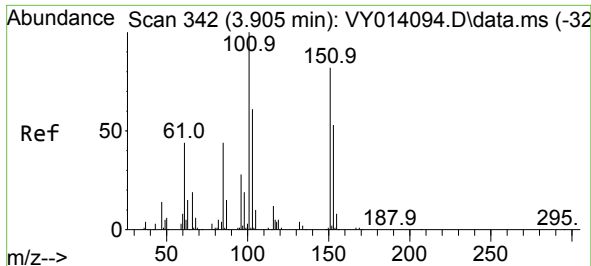
Tgt Ion:101 Resp: 213785
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.0



#8
Diethyl Ether
Concen: 25.571 ug/l
RT: 3.533 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion: 74 Resp: 62632
Ion Ratio Lower Upper
74 100
45 86.0 51.5 154.5

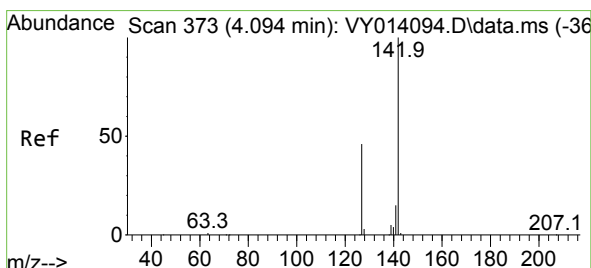
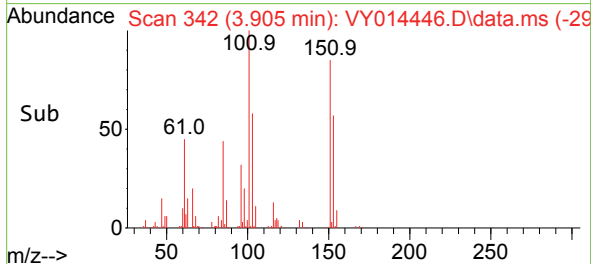
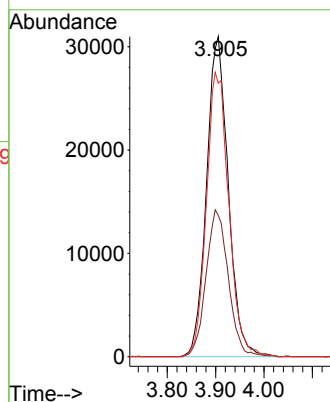
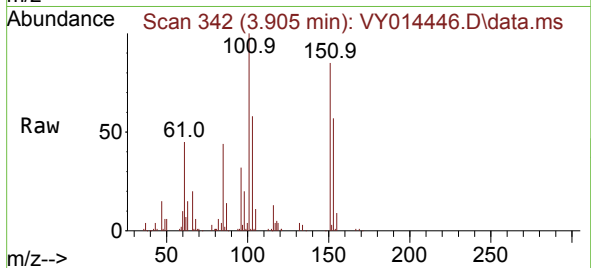




#9
1,1,2-Trichlorotrifluoroethane
Concen: 25.442 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY014446.D
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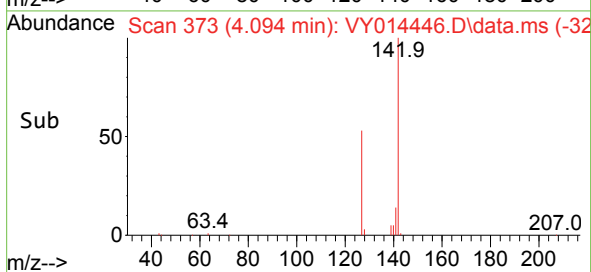
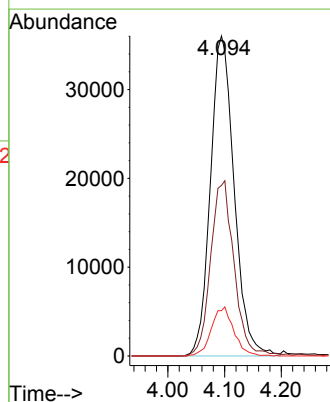
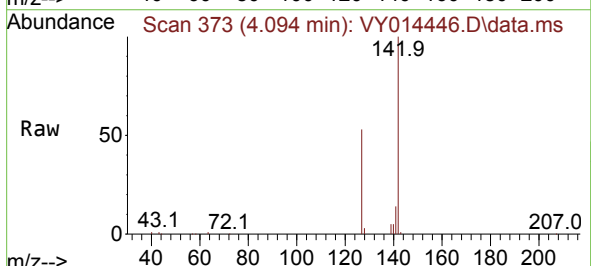
Instrument :
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ClientSampleId :
VSTDCCC050EC

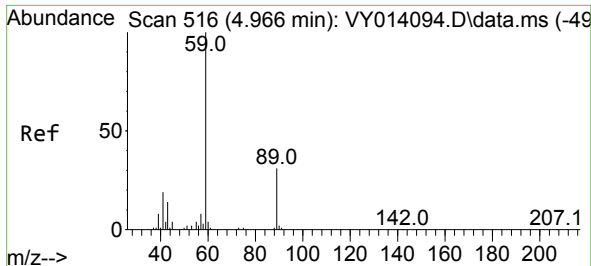
Tgt Ion:101 Resp: 96597
Ion Ratio Lower Upper
101 100
85 47.2 36.6 55.0
151 91.8 67.0 100.6



#10
Methyl Iodide
Concen: 22.578 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion:142 Resp: 104898
Ion Ratio Lower Upper
142 100
127 54.1 37.6 56.4
141 14.5 11.8 17.8

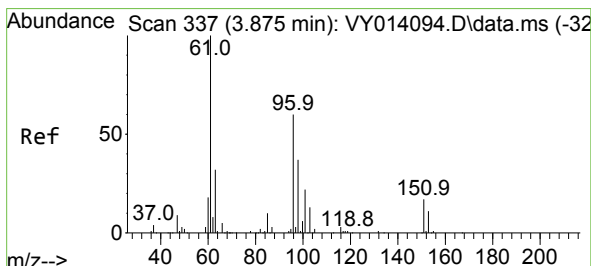
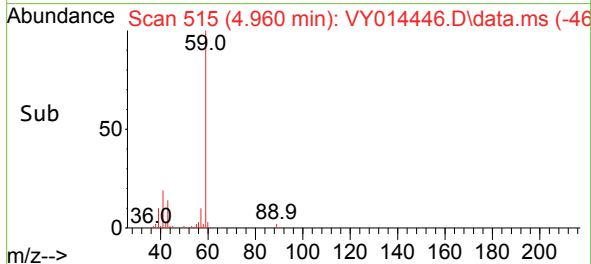
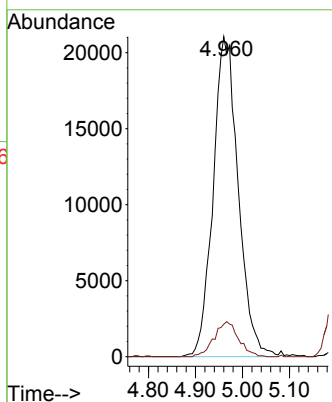
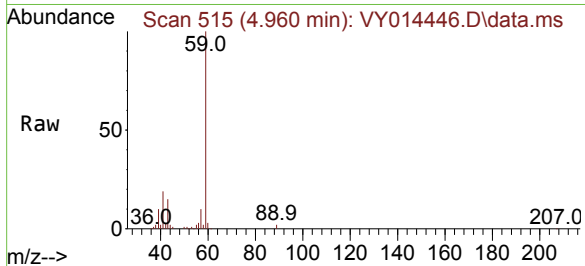




#11
Tert butyl alcohol
Concen: 103.179 ug/l
RT: 4.960 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

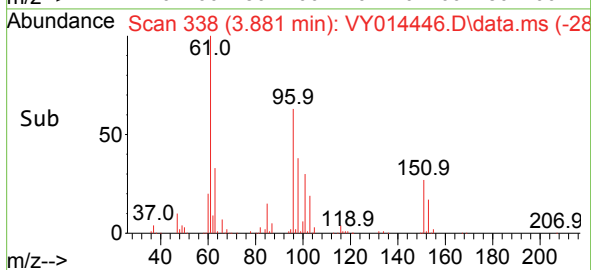
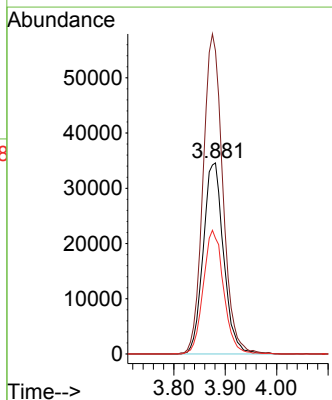
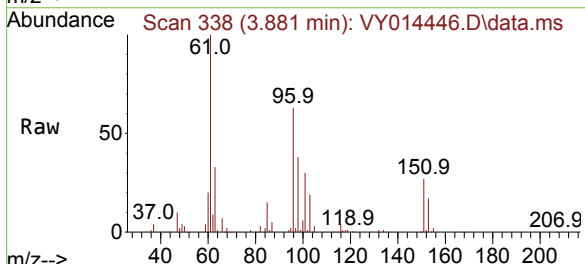
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

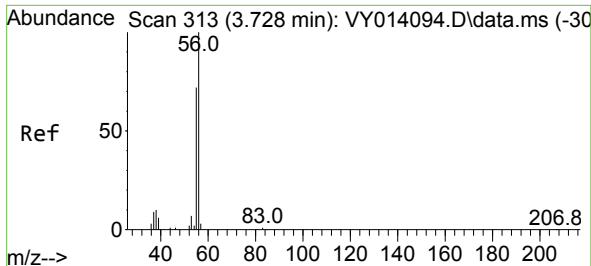
Tgt Ion: 59 Resp: 78167
Ion Ratio Lower Upper
59 100
57 10.6 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 25.219 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion: 96 Resp: 95481
Ion Ratio Lower Upper
96 100
61 158.6 136.4 204.6
98 60.6 49.4 74.2

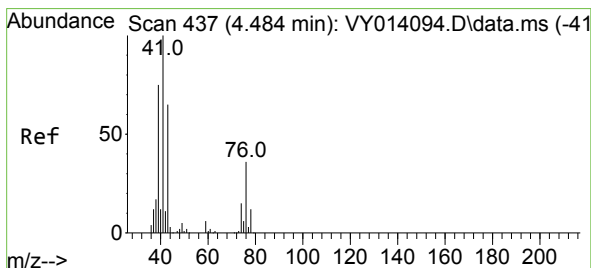
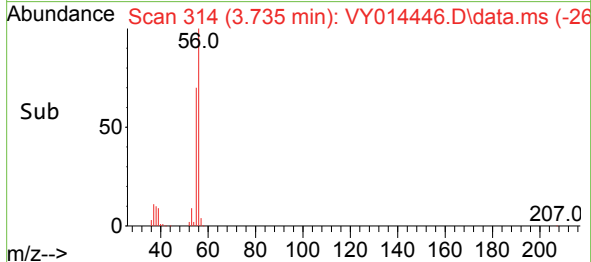
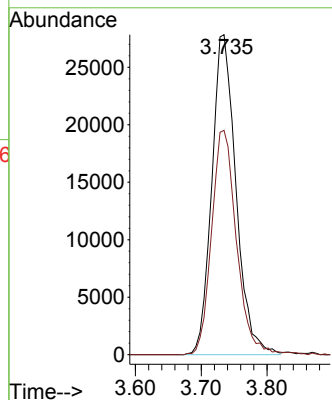
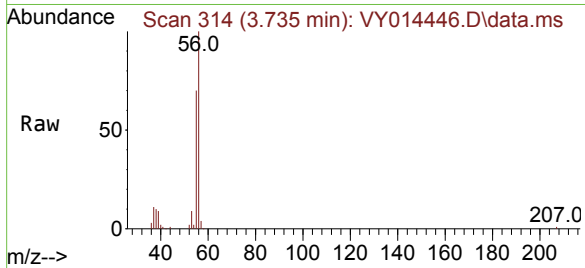




#13
Acrolein
Concen: 106.943 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.007 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

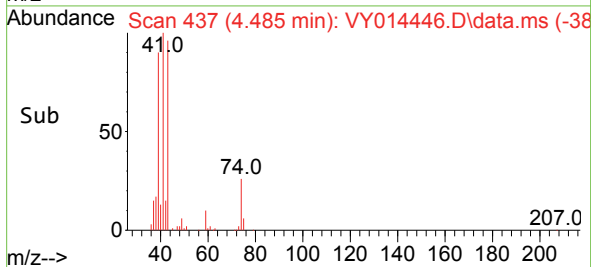
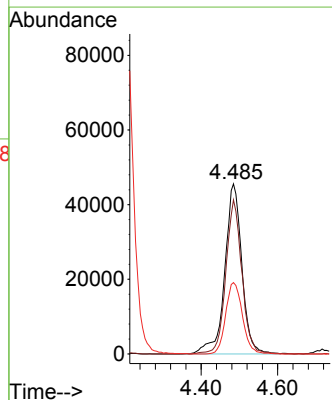
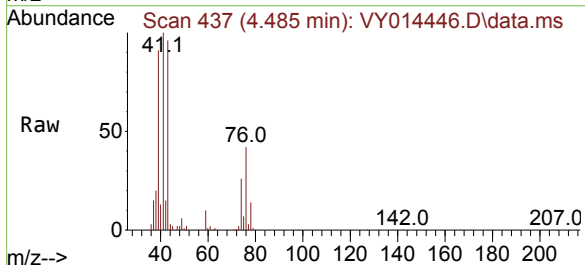
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

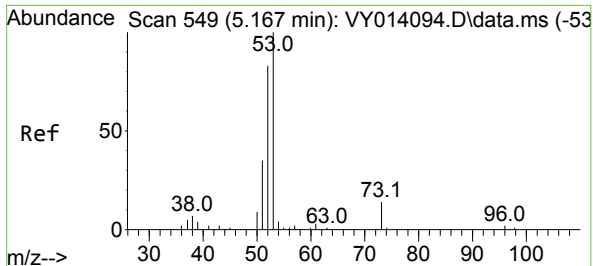
Tgt Ion: 56 Resp: 71210
Ion Ratio Lower Upper
56 100
55 72.4 57.0 85.4



#14
Allyl chloride
Concen: 23.432 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.001 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion: 41 Resp: 141690
Ion Ratio Lower Upper
41 100
39 84.9 58.0 87.0
76 41.1 27.4 41.2

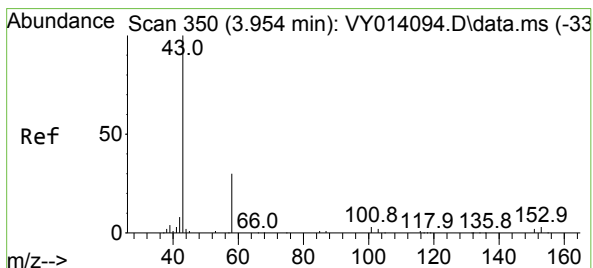
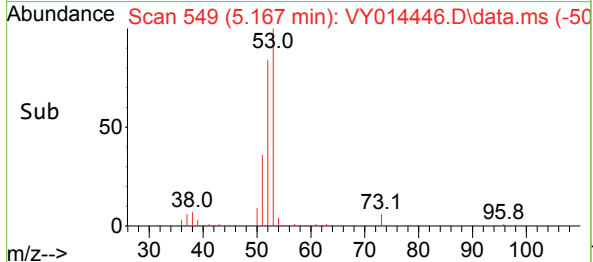
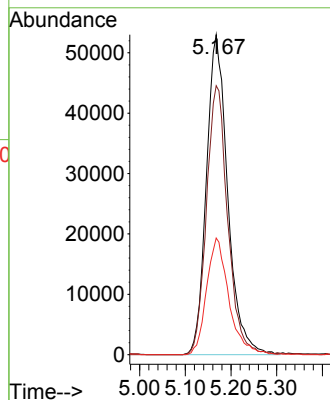
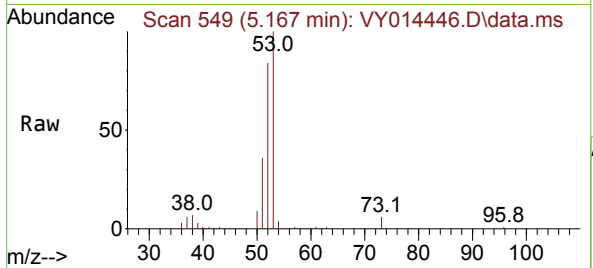




#15
Acrylonitrile
Concen: 125.230 ug/l
RT: 5.167 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

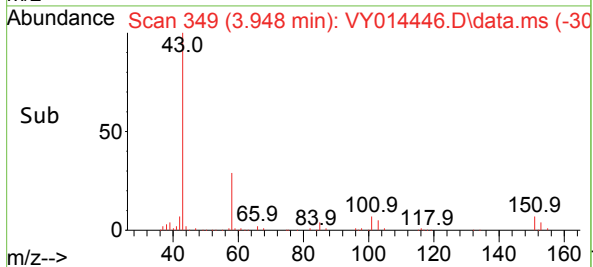
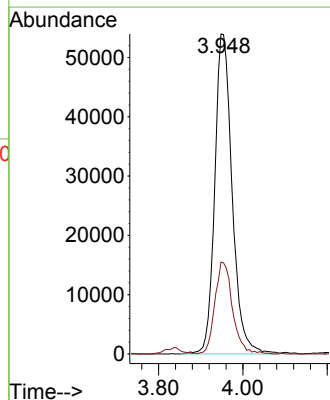
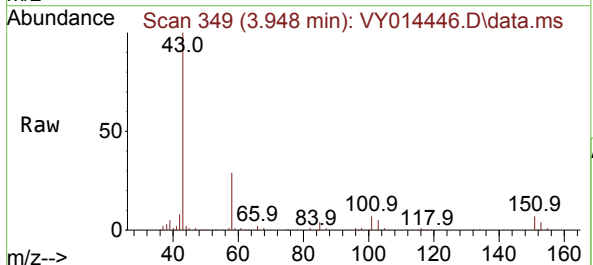
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

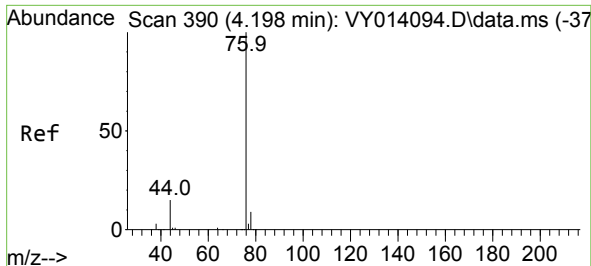
Tgt Ion: 53	Resp: 171514
Ion Ratio	Lower Upper
53	100
52	83.9 66.9 100.3
51	38.2 29.8 44.6



#16
Acetone
Concen: 96.039 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion: 43	Resp: 154202
Ion Ratio	Lower Upper
43	100
58	28.6 22.7 34.1

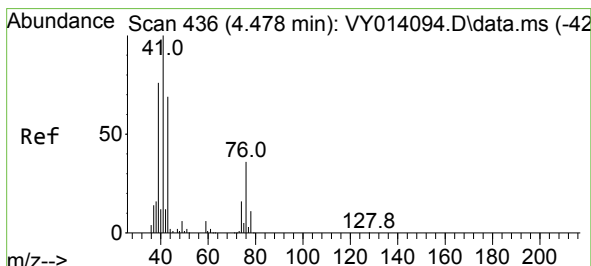
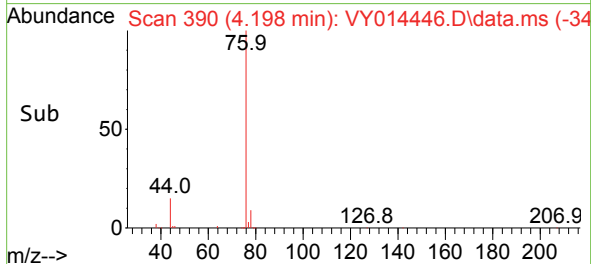
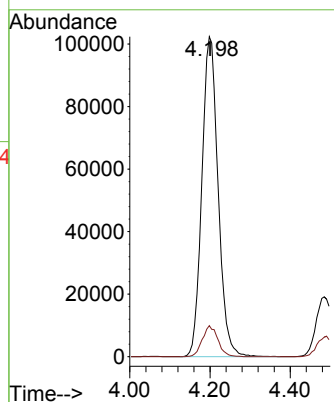
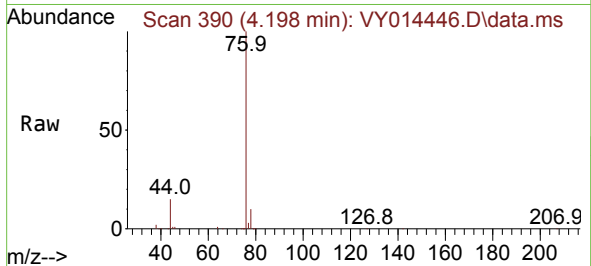




#17
Carbon Disulfide
Concen: 24.506 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

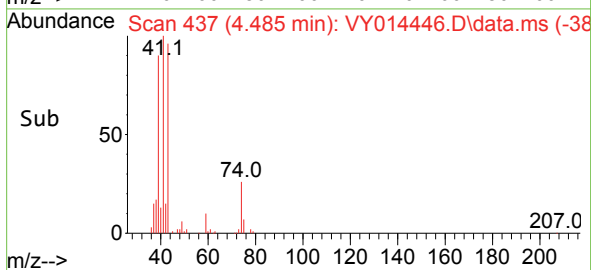
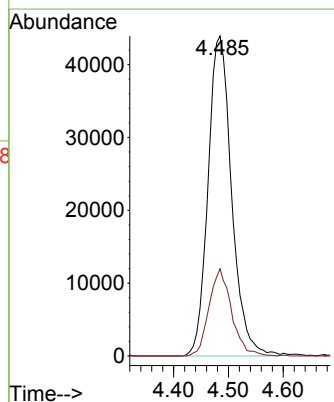
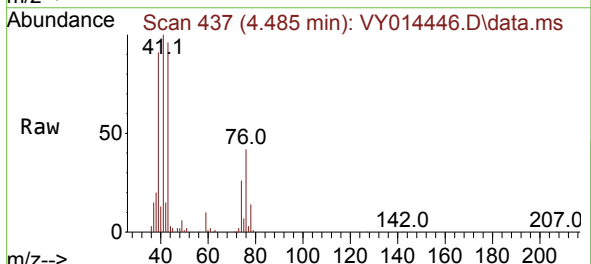
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

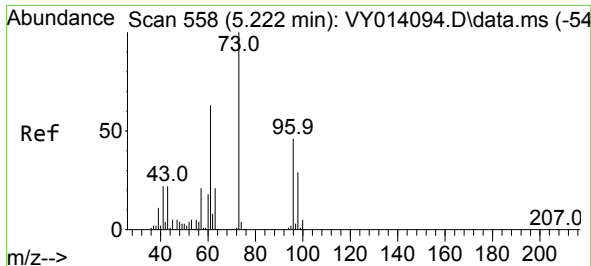
Tgt Ion: 76 Resp: 287125
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4



#18
Methyl Acetate
Concen: 23.767 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.007 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion: 43 Resp: 131187
Ion Ratio Lower Upper
43 100
74 26.0 17.4 26.0

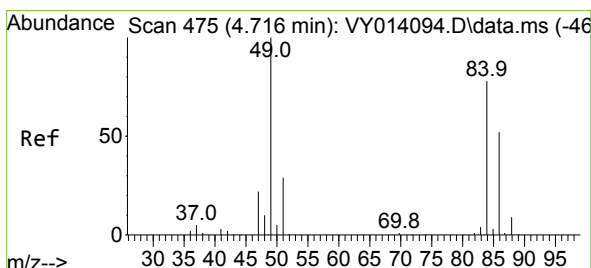
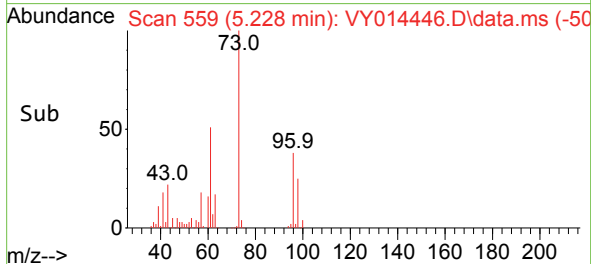
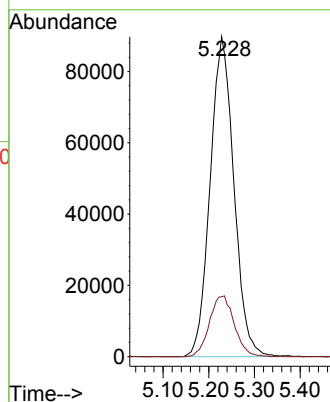
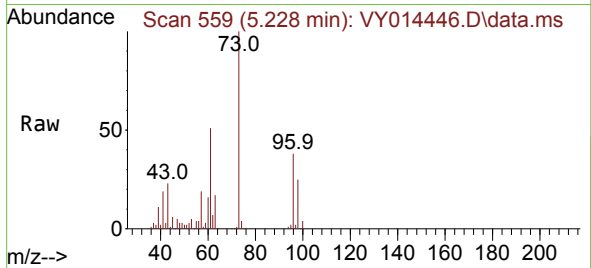




#19
Methyl tert-butyl Ether
Concen: 27.796 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

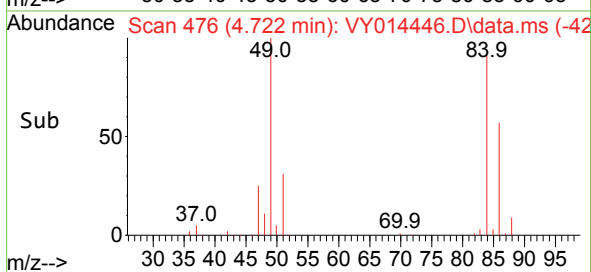
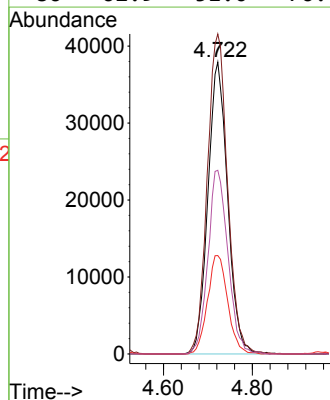
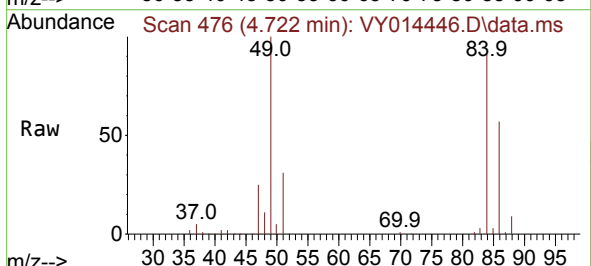
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

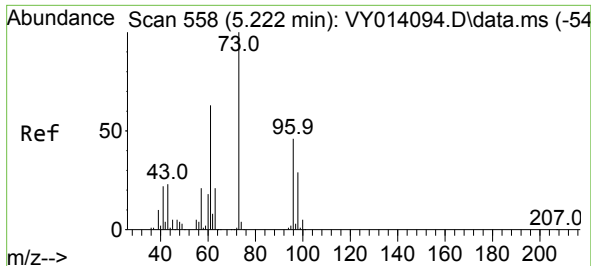
Tgt Ion: 73 Resp: 323692
Ion Ratio Lower Upper
73 100
57 18.8 17.3 25.9



#20
Methylene Chloride
Concen: 22.081 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion: 84 Resp: 116776
Ion Ratio Lower Upper
84 100
49 109.6 106.9 160.3
51 33.7 33.2 49.8
86 62.9 51.0 76.6

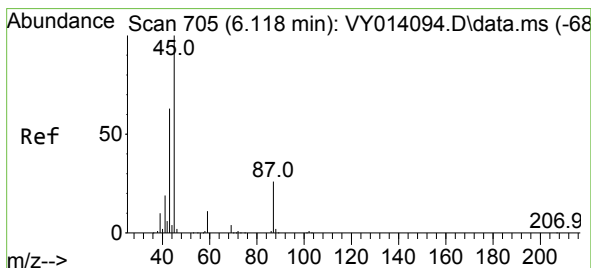
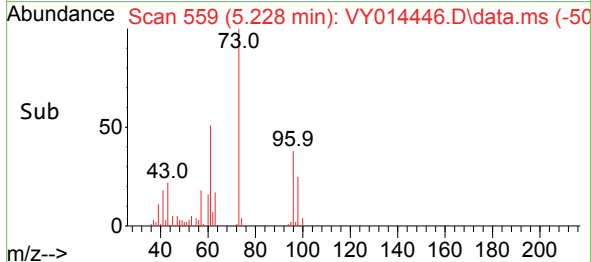
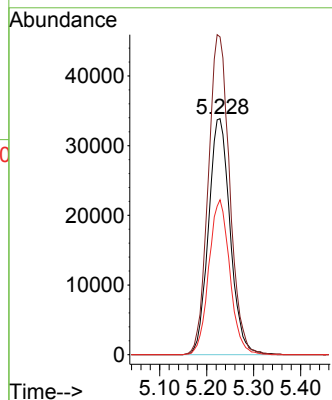
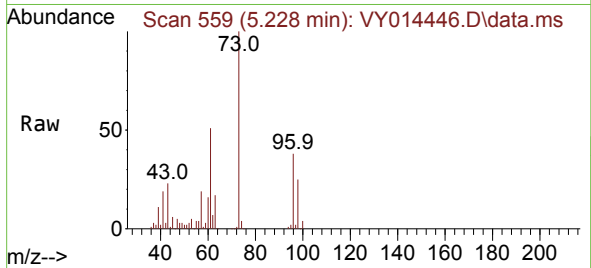




#21
trans-1,2-Dichloroethene
Concen: 25.994 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

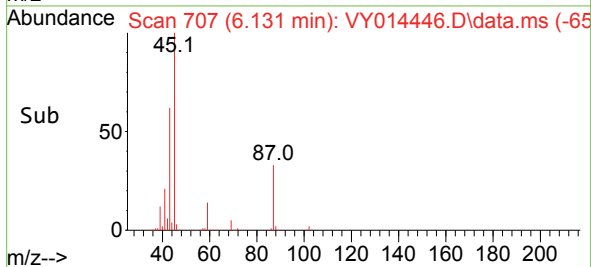
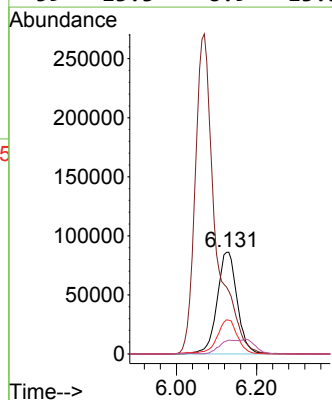
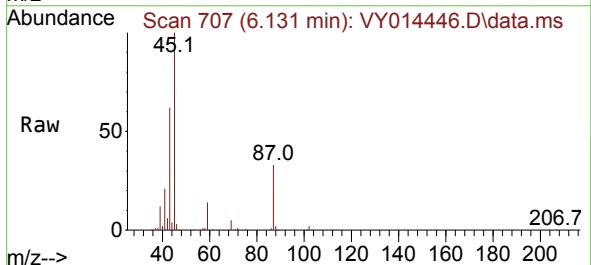
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

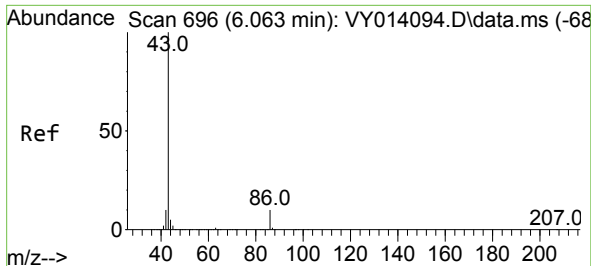
Tgt Ion: 96 Resp: 108214
Ion Ratio Lower Upper
96 100
61 134.7 110.2 165.4
98 65.7 51.8 77.6



#22
Diisopropyl ether
Concen: 24.836 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.013 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion: 45 Resp: 298447
Ion Ratio Lower Upper
45 100
43 61.3 52.2 78.4
87 33.1 21.0 31.6#
59 13.3 8.9 13.3

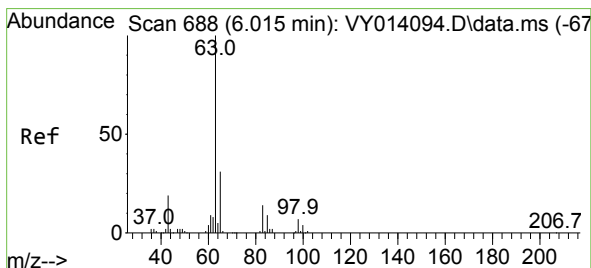
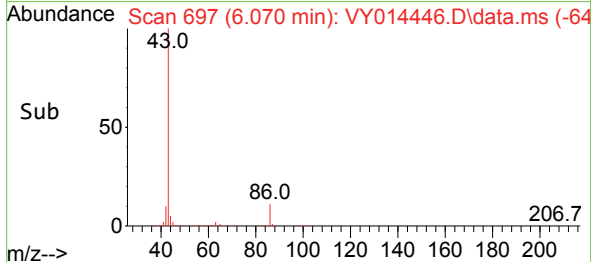
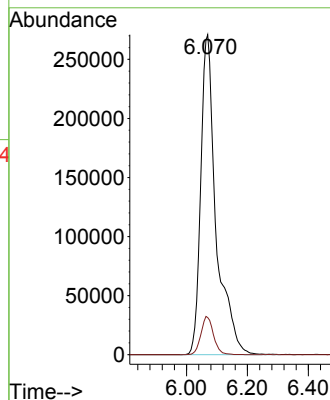
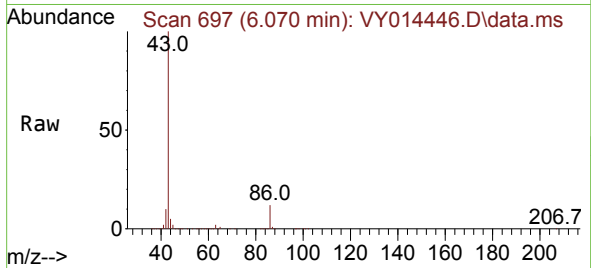




#23
 Vinyl Acetate
 Concen: 154.238 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.007 min
 Lab File: VY014446.D
 Acq: 26 Jun 2023 19:57

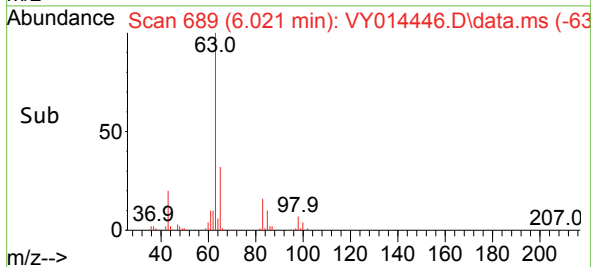
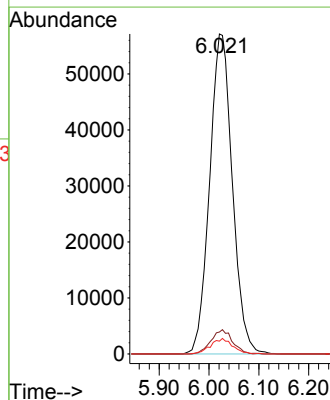
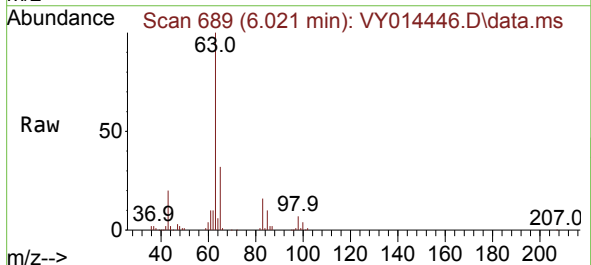
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

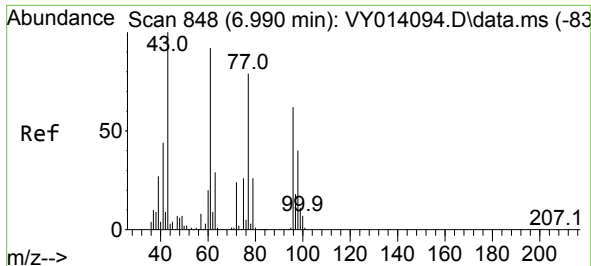
Tgt Ion: 43 Resp: 946293
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 25.318 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY014446.D
 Acq: 26 Jun 2023 19:57

Tgt Ion: 63 Resp: 180664
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.0 1.8 5.5

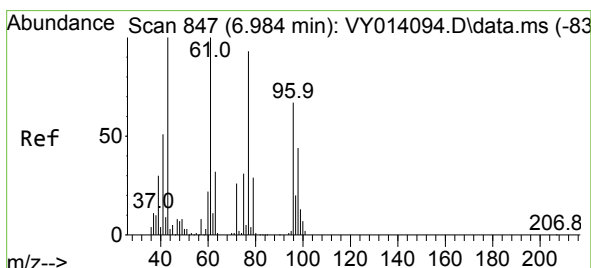
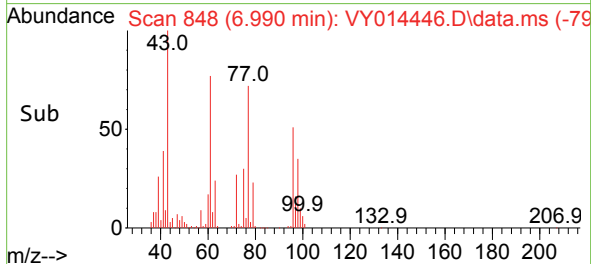
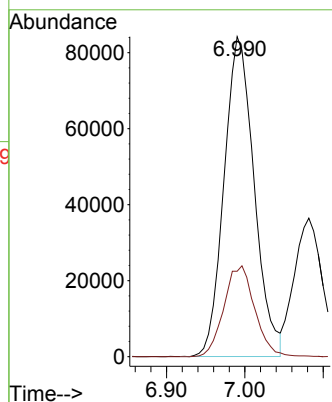
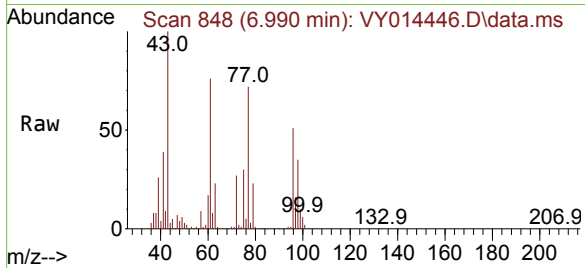




#25
2-Butanone
Concen: 112.354 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

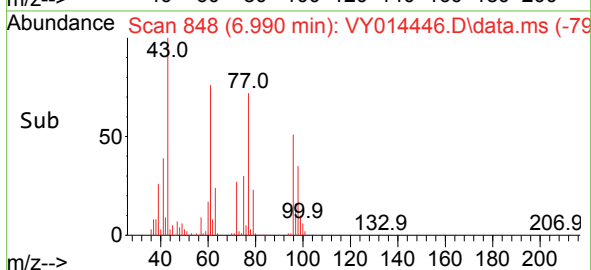
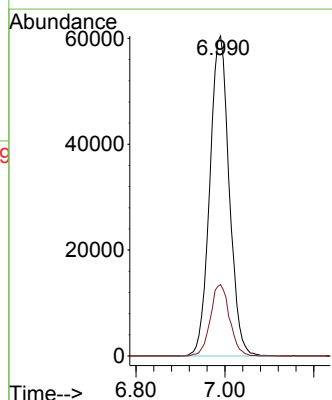
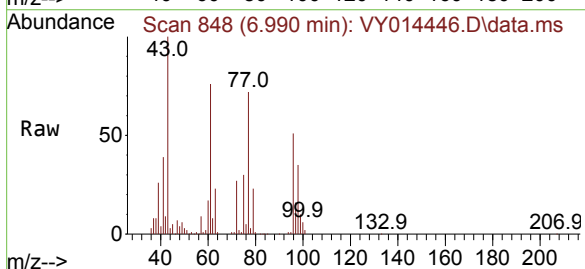
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

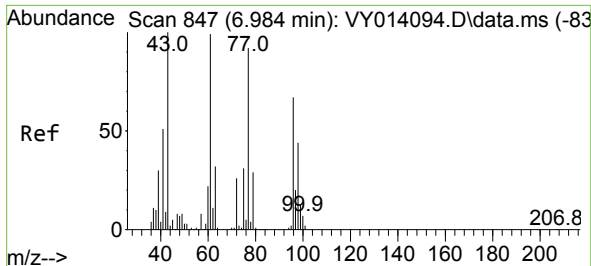
Tgt Ion: 43 Resp: 224692
Ion Ratio Lower Upper
43 100
72 26.7 20.5 30.7



#26
2,2-Dichloropropane
Concen: 24.274 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion: 77 Resp: 183149
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 26.543 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY014446.D

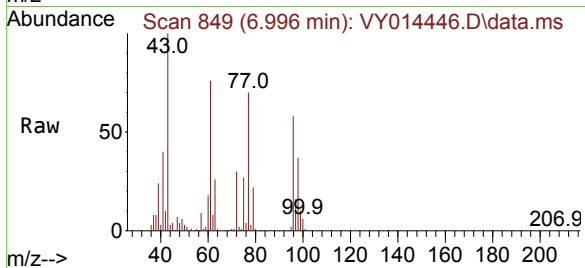
Acq: 26 Jun 2023 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



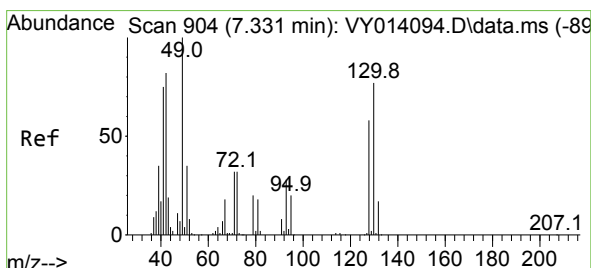
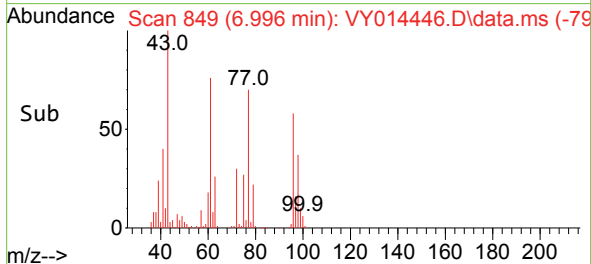
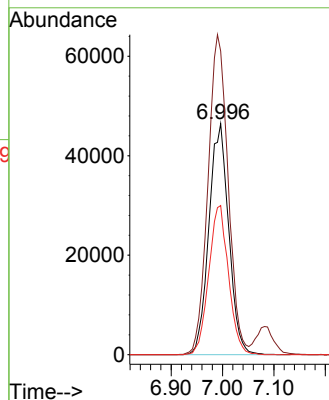
Tgt Ion: 96 Resp: 124388

Ion Ratio Lower Upper

96 100

61 140.7 0.0 301.4

98 64.4 0.0 130.4



#28

Bromochloromethane

Concen: 25.477 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.007 min

Lab File: VY014446.D

Acq: 26 Jun 2023 19:57

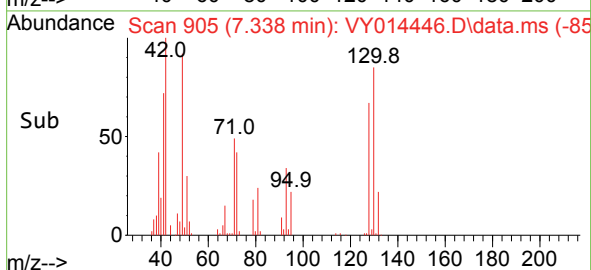
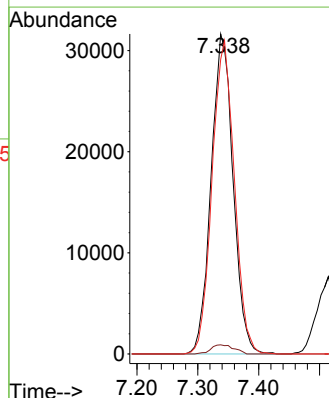
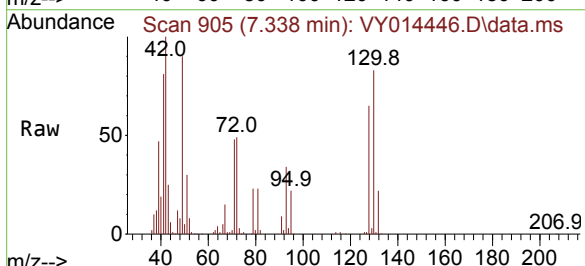
Tgt Ion: 49 Resp: 79283

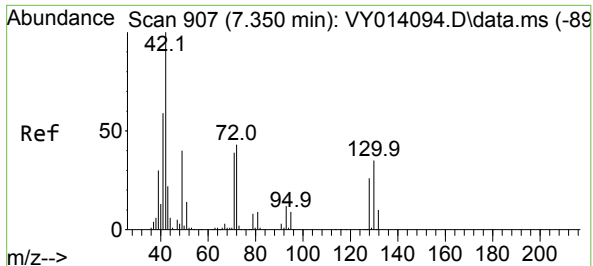
Ion Ratio Lower Upper

49 100

129 3.0 0.0 4.6

130 99.1 60.7 91.1#





#29

Tetrahydrofuran

Concen: 121.403 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY014446.D

Acq: 26 Jun 2023 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC050EC

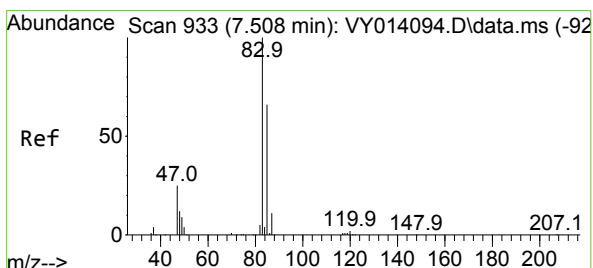
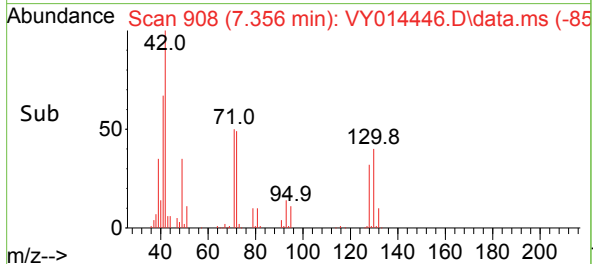
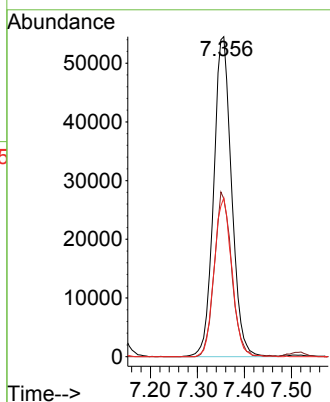
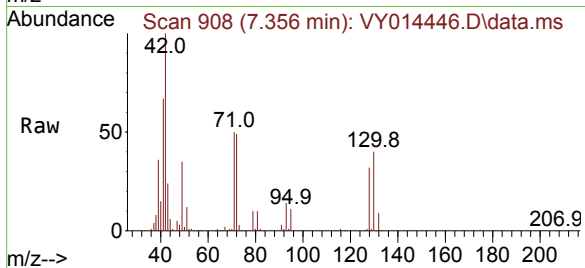
Tgt Ion: 42 Resp: 144769

Ion Ratio Lower Upper

42 100

72 49.6 32.8 49.2#

71 49.0 31.0 46.4#



#30

Chloroform

Concen: 27.123 ug/l

RT: 7.514 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY014446.D

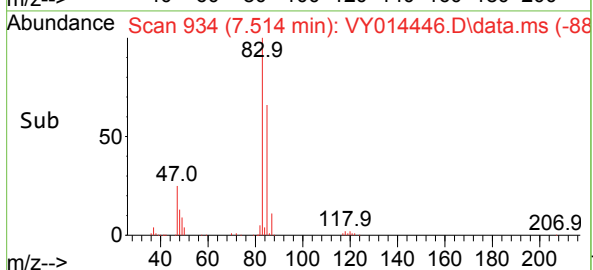
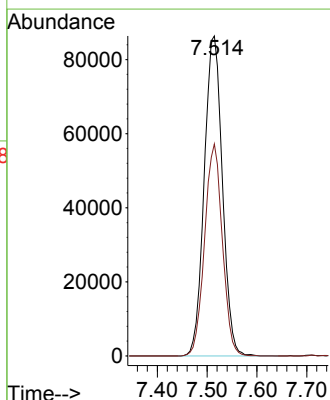
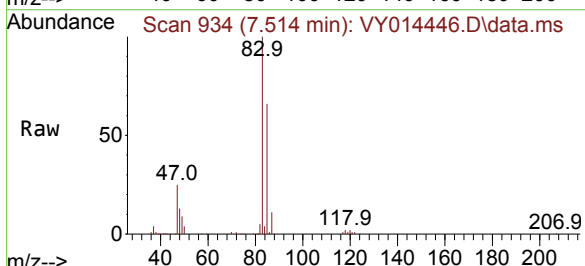
Acq: 26 Jun 2023 19:57

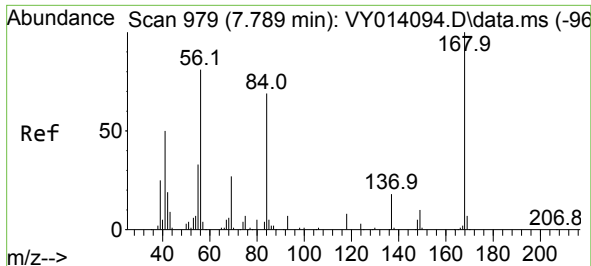
Tgt Ion: 83 Resp: 218326

Ion Ratio Lower Upper

83 100

85 66.2 49.7 74.5

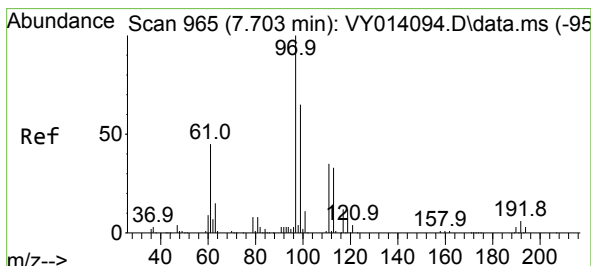
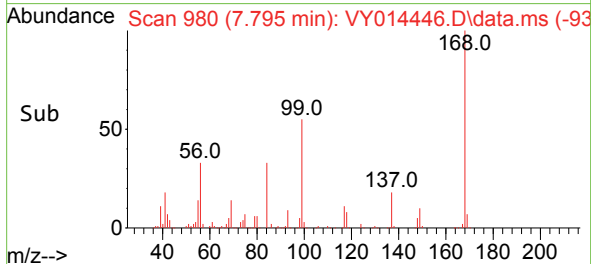
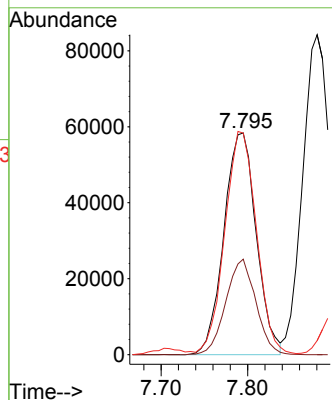
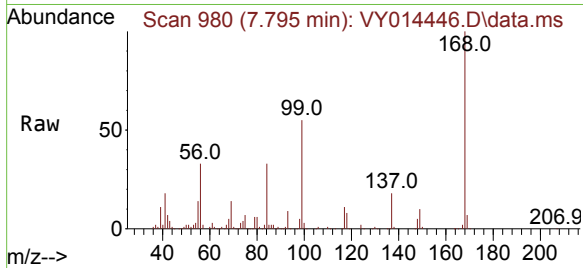




#31
Cyclohexane
Concen: 24.049 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

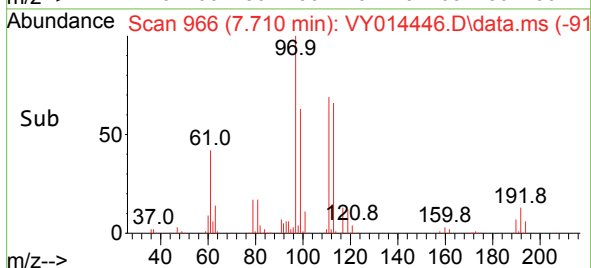
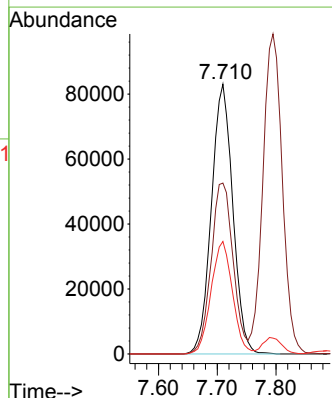
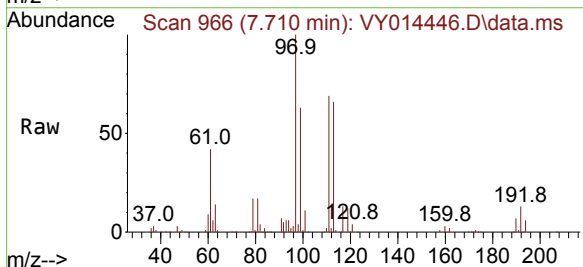
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

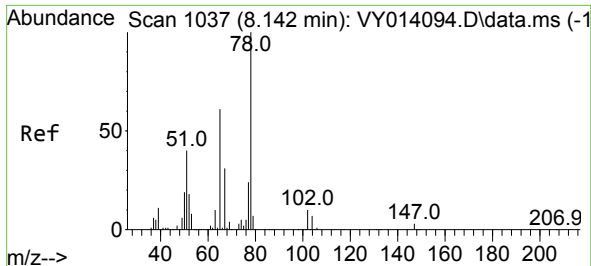
Tgt Ion: 56 Resp: 151573
Ion Ratio Lower Upper
56 100
69 43.1 27.8 41.6#
84 97.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 27.452 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.007 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion: 97 Resp: 210339
Ion Ratio Lower Upper
97 100
99 65.3 50.8 76.2
61 41.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.284 ug/l

RT: 8.148 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY014446.D

Acq: 26 Jun 2023 19:57

Instrument :

MSVOA_Y

ClientSampleId :

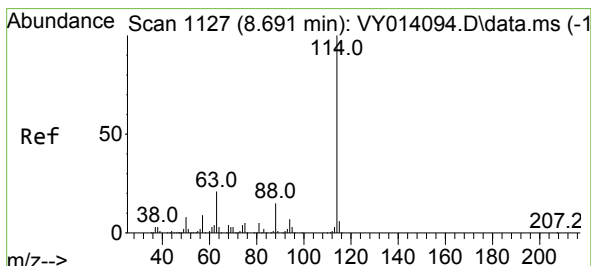
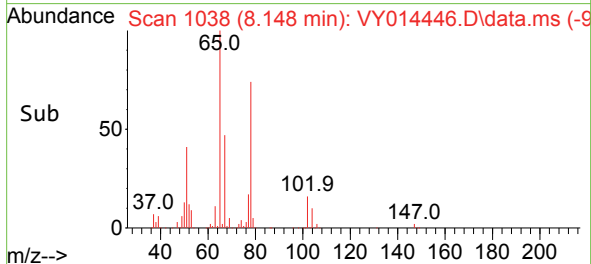
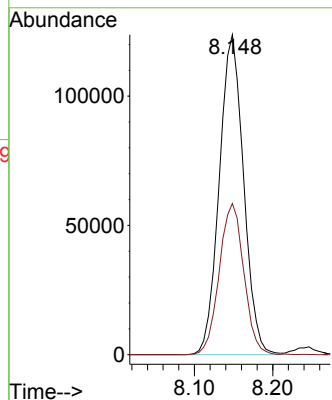
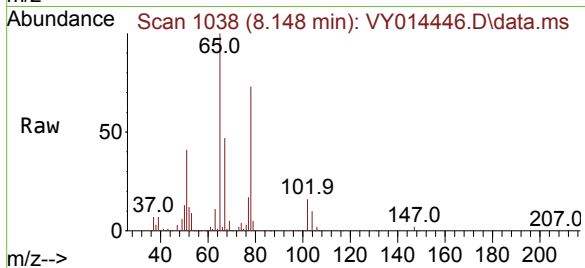
VSTDCCC050EC

Tgt Ion: 65 Resp: 266785

Ion Ratio Lower Upper

65 100

67 47.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY014446.D

Acq: 26 Jun 2023 19:57

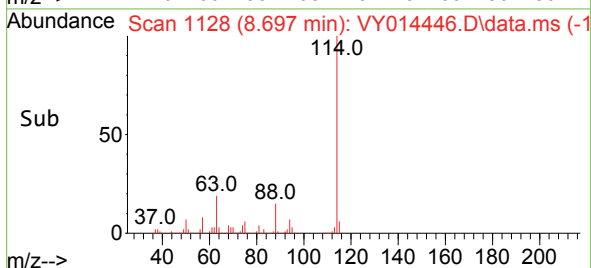
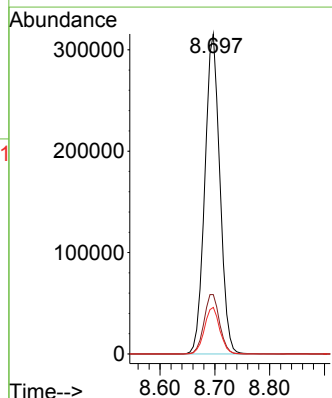
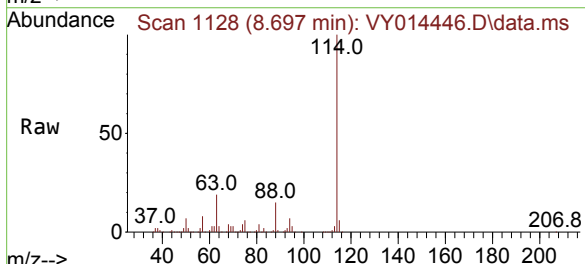
Tgt Ion: 114 Resp: 599156

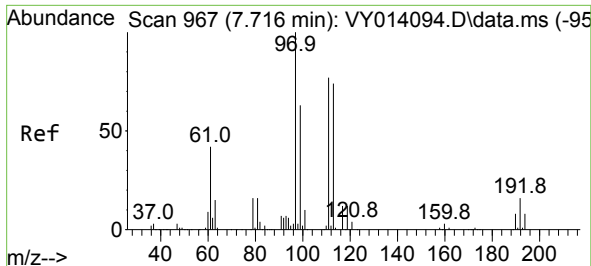
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 14.5 0.0 30.6

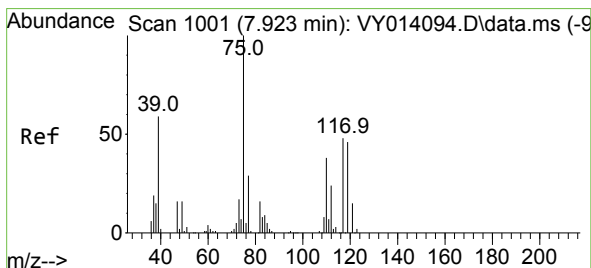
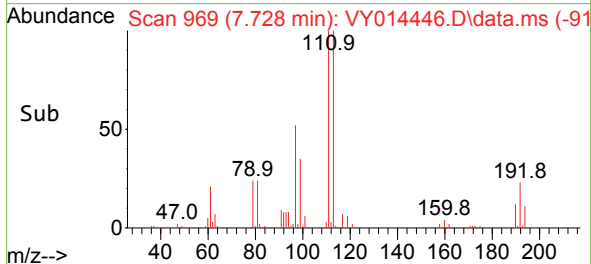
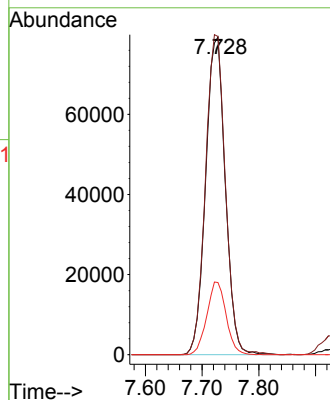
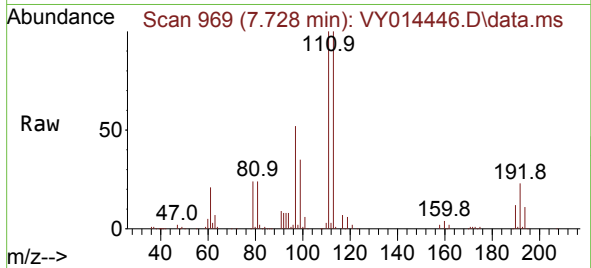




#35
Dibromofluoromethane
Concen: 51.590 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

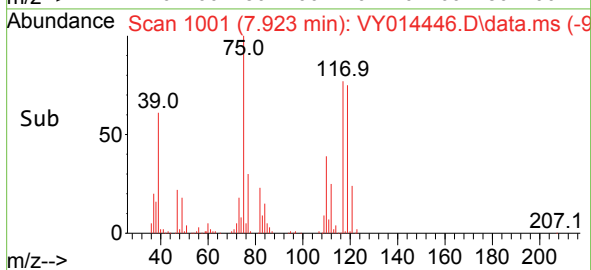
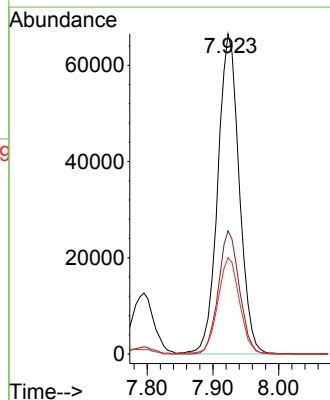
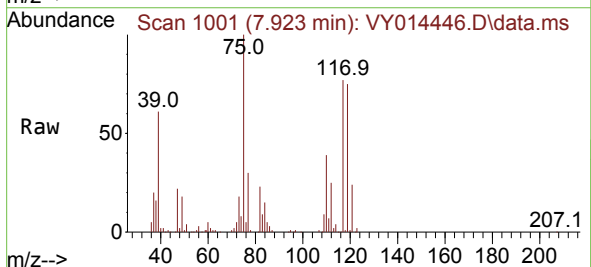
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

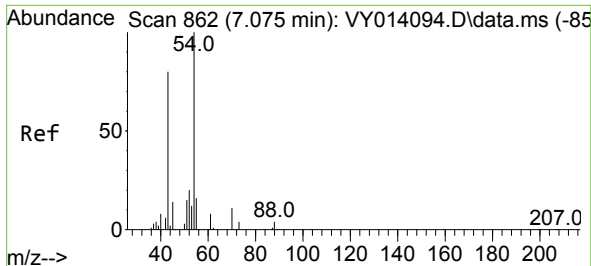
Tgt Ion:113 Resp: 190971
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 22.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 26.452 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion: 75 Resp: 150890
Ion Ratio Lower Upper
75 100
110 37.6 17.8 53.5
77 30.7 24.4 36.6

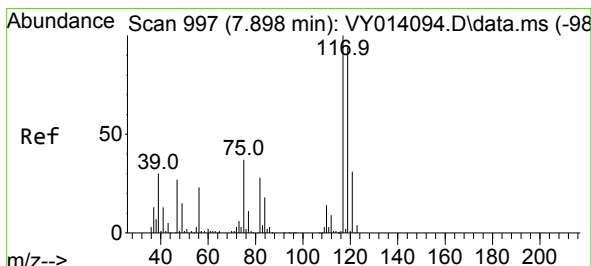
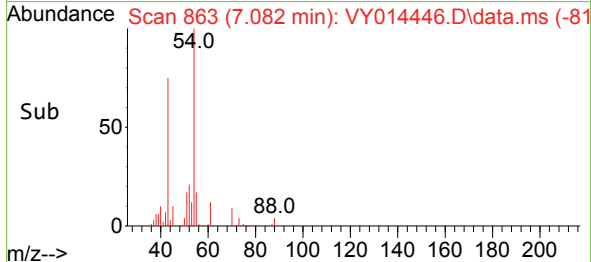
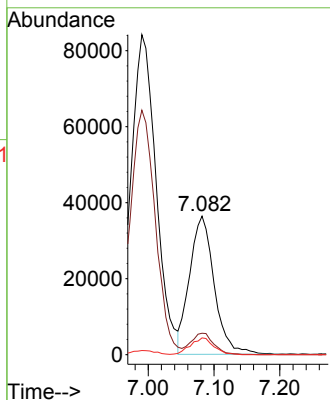
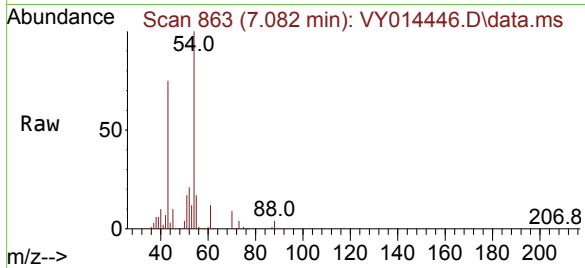




#37
Ethyl Acetate
Concen: 24.106 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.007 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

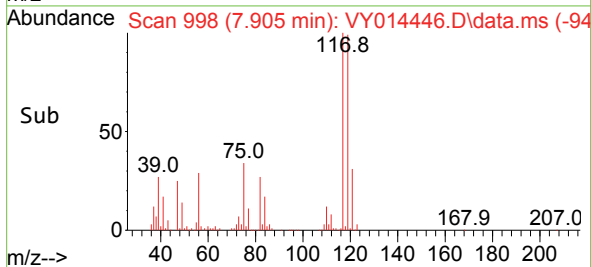
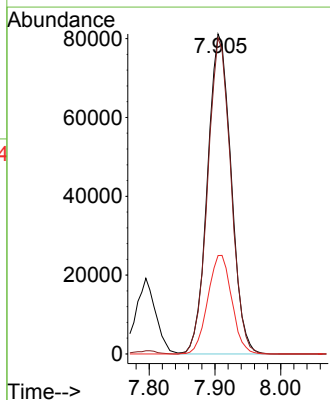
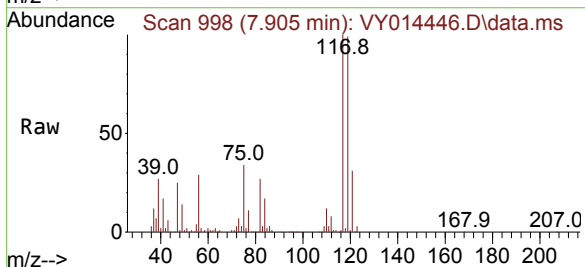
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

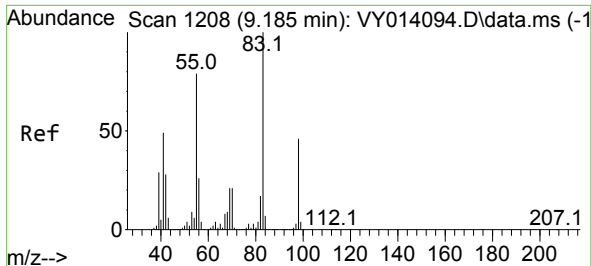
Tgt Ion: 43 Resp: 94767
Ion Ratio Lower Upper
43 100
61 14.4 10.1 15.1
70 11.4 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 28.273 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.007 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion: 117 Resp: 202958
Ion Ratio Lower Upper
117 100
119 98.8 76.4 114.6
121 30.7 25.8 38.6





#39

Methylcyclohexane

Concen: 26.932 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014446.D

Acq: 26 Jun 2023 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

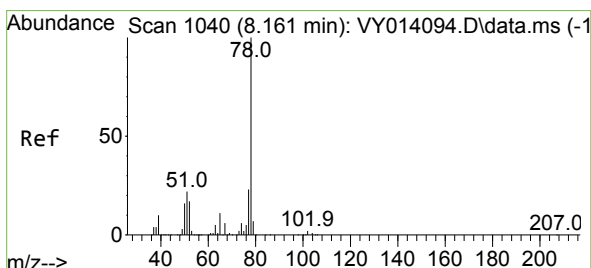
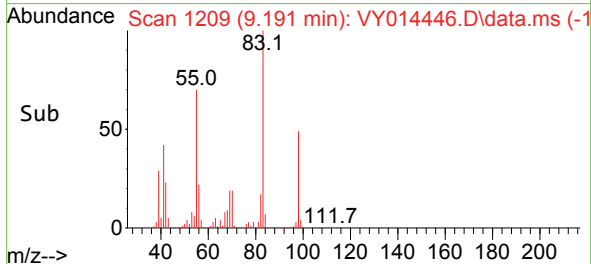
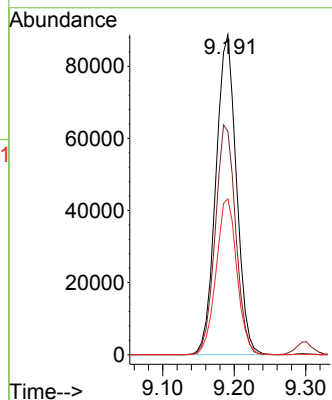
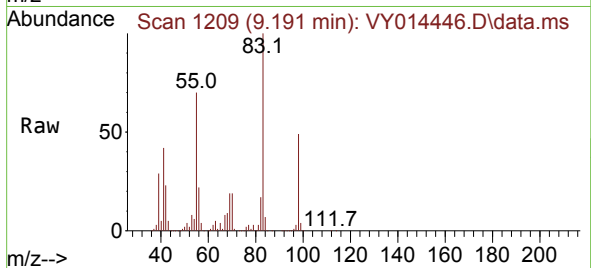
Tgt Ion: 83 Resp: 176750

Ion Ratio Lower Upper

83 100

55 69.7 63.0 94.4

98 48.7 37.4 56.2



#40

Benzene

Concen: 27.216 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY014446.D

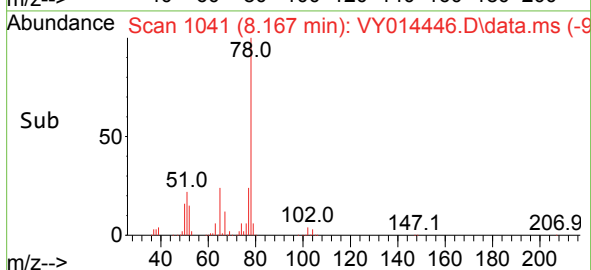
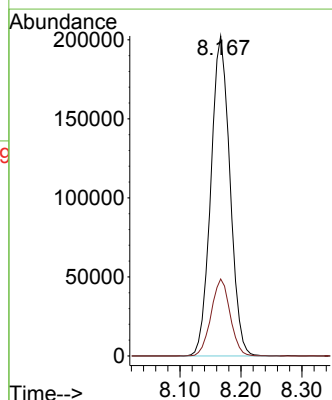
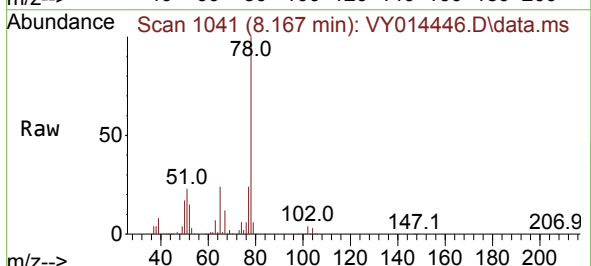
Acq: 26 Jun 2023 19:57

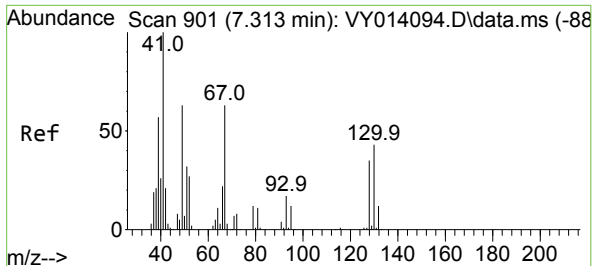
Tgt Ion: 78 Resp: 439711

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.6

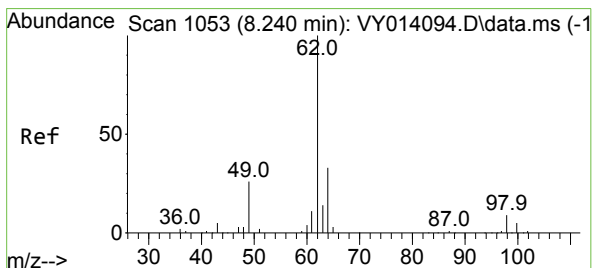
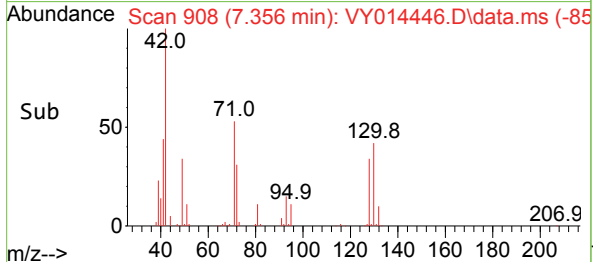
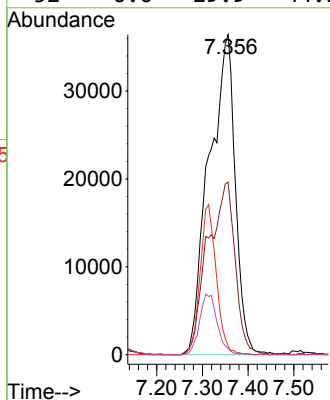
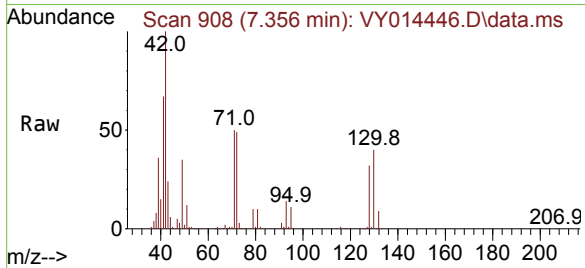




#41
Methacrylonitrile
Concen: 74.258 ug/l
RT: 7.356 min Scan# 901
Delta R.T. 0.043 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

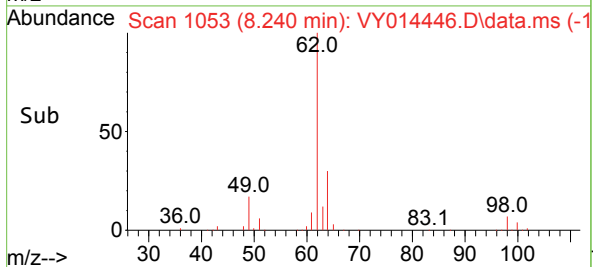
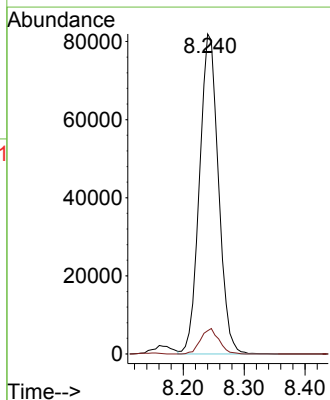
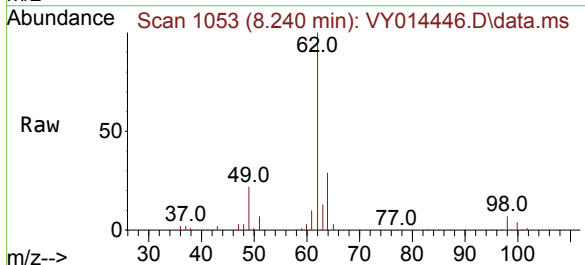
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

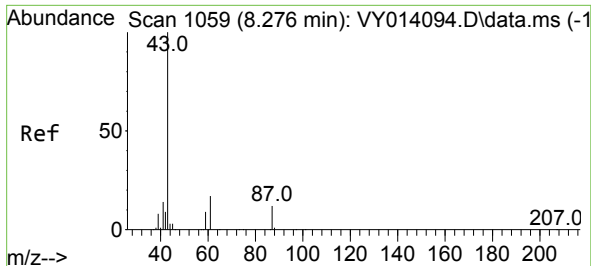
Tgt Ion: 41 Resp: 144673
Ion Ratio Lower Upper
41 100
39 56.2 52.1 78.1
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 28.888 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion: 62 Resp: 176953
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.8

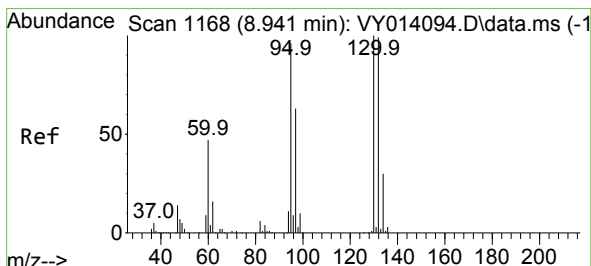
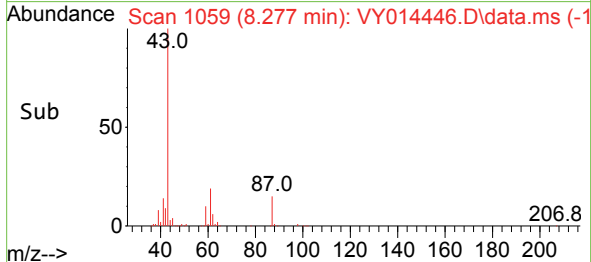
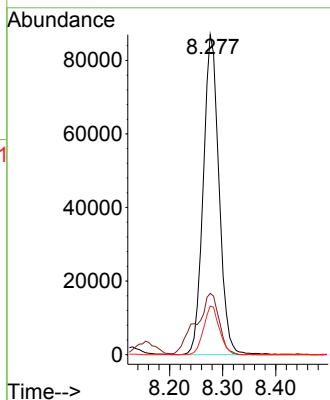
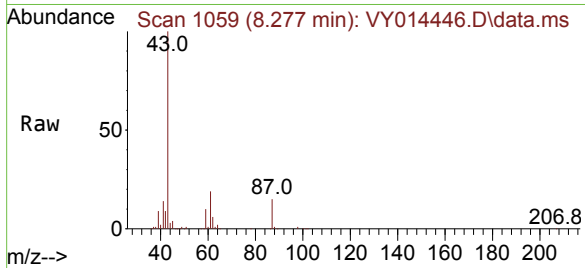




#43
Isopropyl Acetate
Concen: 25.770 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.001 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

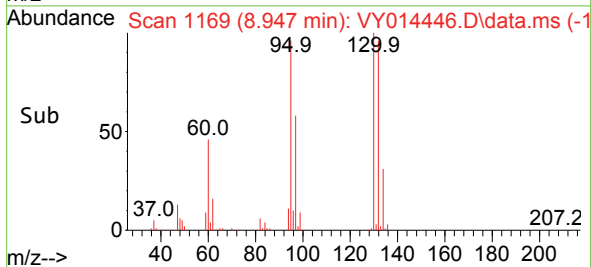
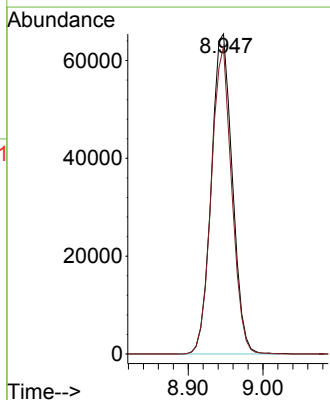
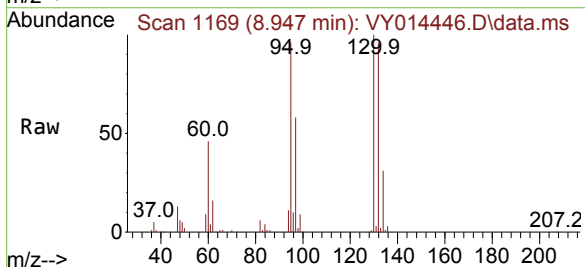
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

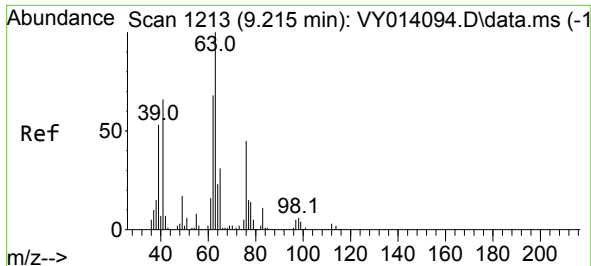
Tgt Ion: 43 Resp: 178884
Ion Ratio Lower Upper
43 100
61 28.1 21.1 31.7
87 15.3 9.8 14.8#



#44
Trichloroethene
Concen: 27.505 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion:130 Resp: 127585
Ion Ratio Lower Upper
130 100
95 96.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 26.078 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY014446.D

Acq: 26 Jun 2023 19:57

Instrument :

MSVOA_Y

ClientSampleId :

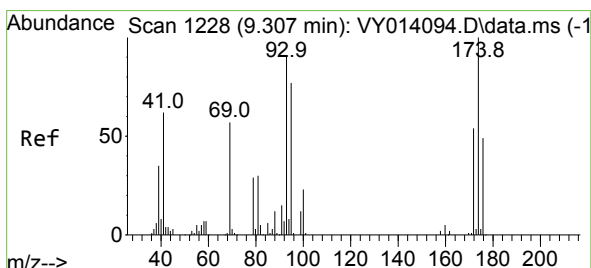
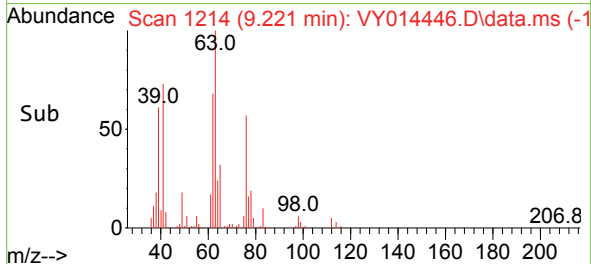
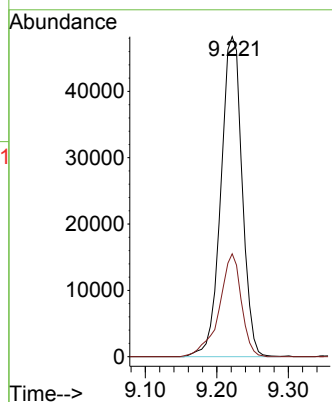
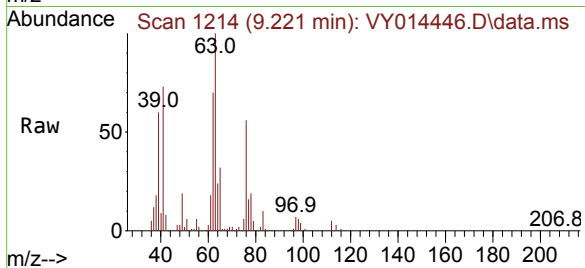
VSTDCCC050EC

Tgt Ion: 63 Resp: 99341

Ion Ratio Lower Upper

63 100

65 32.1 23.8 35.6



#46

Dibromomethane

Concen: 27.064 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY014446.D

Acq: 26 Jun 2023 19:57

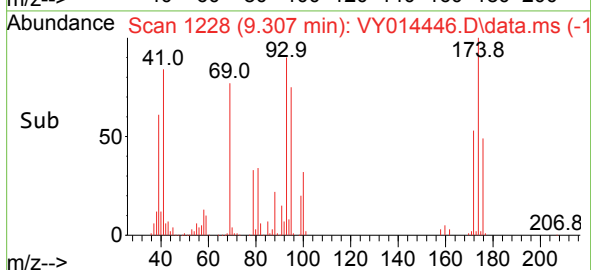
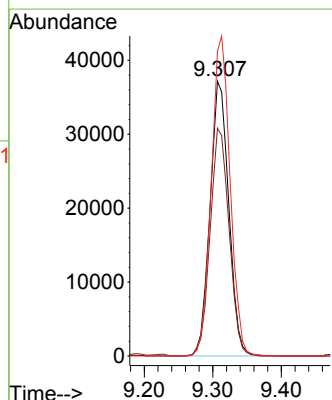
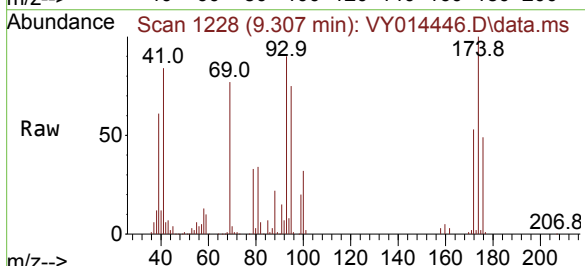
Tgt Ion: 93 Resp: 70454

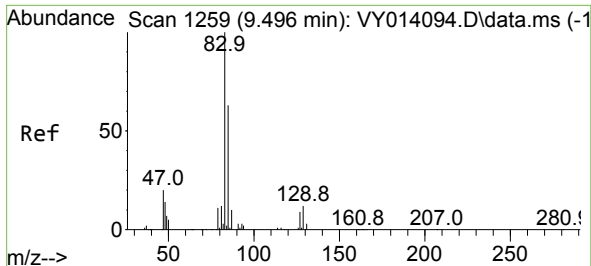
Ion Ratio Lower Upper

93 100

95 83.9 66.6 100.0

174 117.6 84.8 127.2

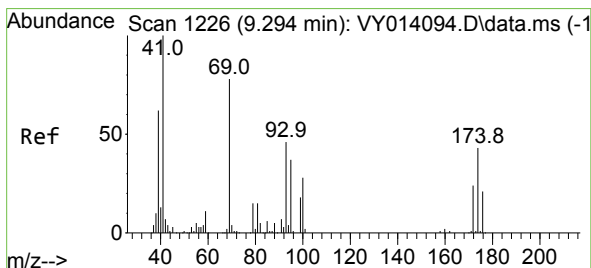
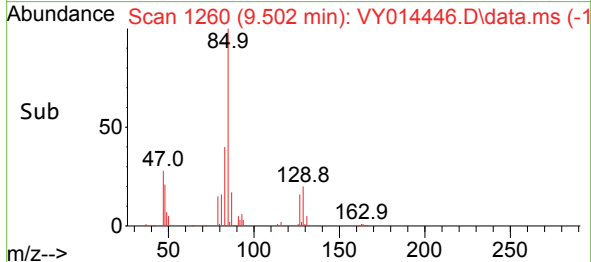
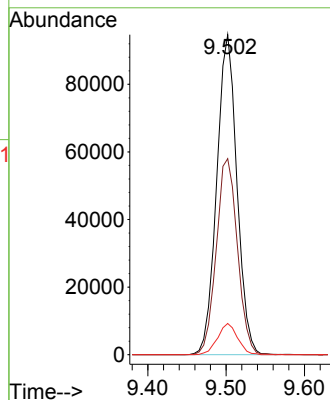
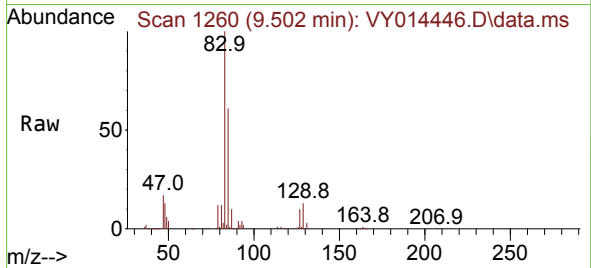




#47
Bromodichloromethane
Concen: 28.000 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

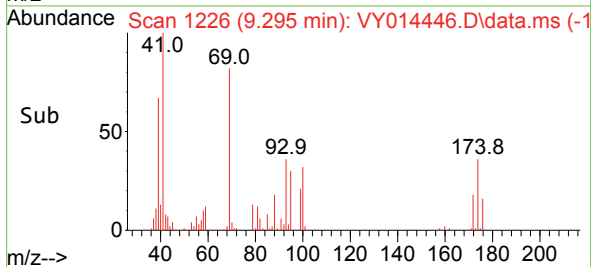
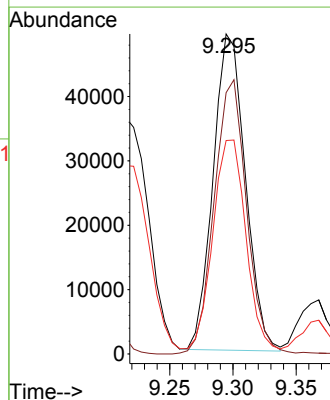
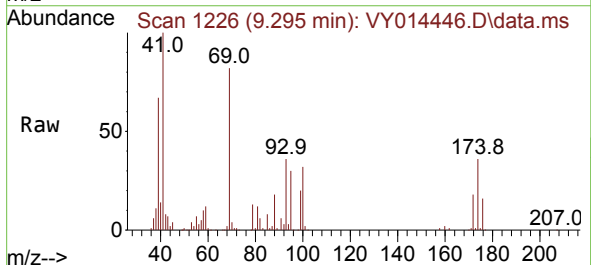
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

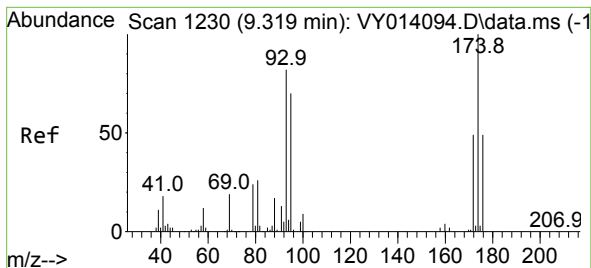
Tgt Ion: 83 Resp: 169890
Ion Ratio Lower Upper
83 100
85 61.3 50.1 75.1
127 9.7 7.1 10.7



#48
Methyl methacrylate
Concen: 27.037 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion: 41 Resp: 87169
Ion Ratio Lower Upper
41 100
69 87.4 64.5 96.7
39 70.4 50.8 76.2





#49

1,4-Dioxane

Concen: 587.699 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.018 min

Lab File: VY014446.D

Acq: 26 Jun 2023 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

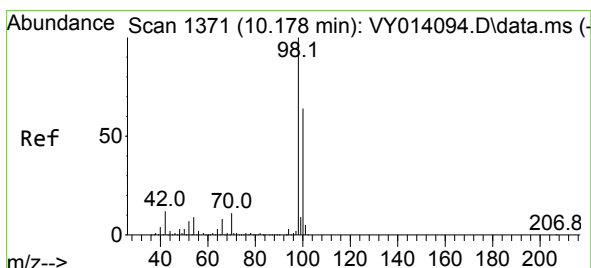
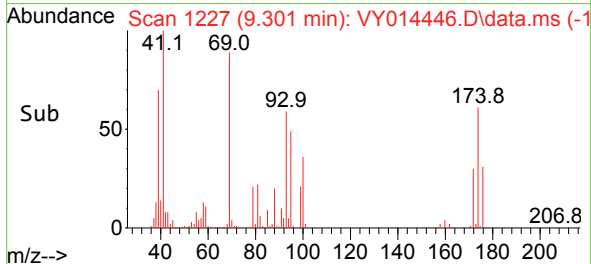
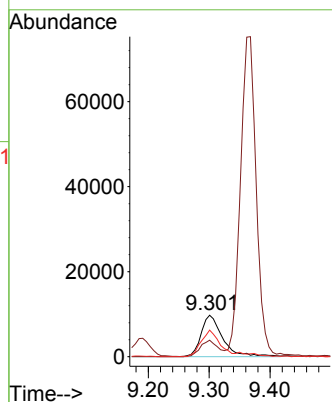
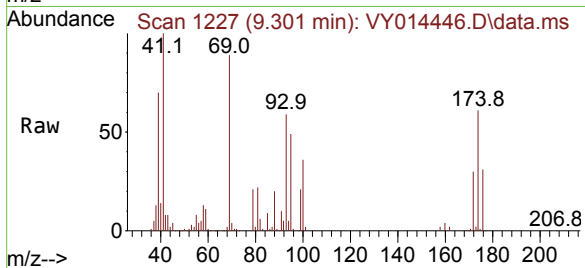
Tgt Ion: 88 Resp: 23922

Ion Ratio Lower Upper

88 100

43 31.8 0.0 0.0#

58 55.7 30.9 46.3#



#50

Toluene-d8

Concen: 51.736 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.007 min

Lab File: VY014446.D

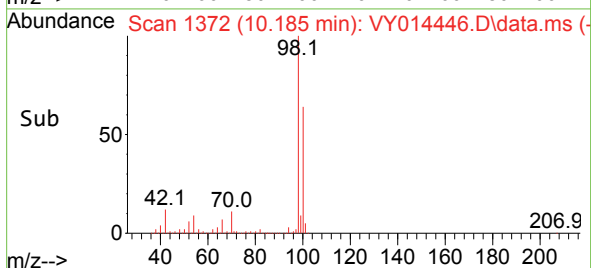
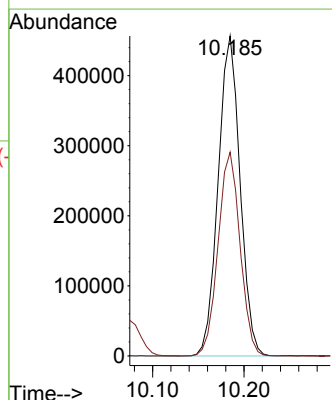
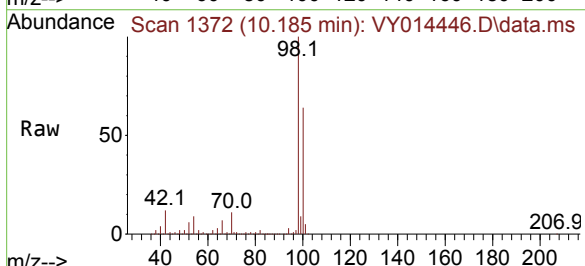
Acq: 26 Jun 2023 19:57

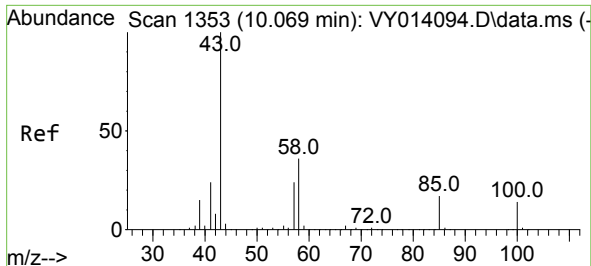
Tgt Ion: 98 Resp: 761289

Ion Ratio Lower Upper

98 100

100 63.8 50.1 75.1

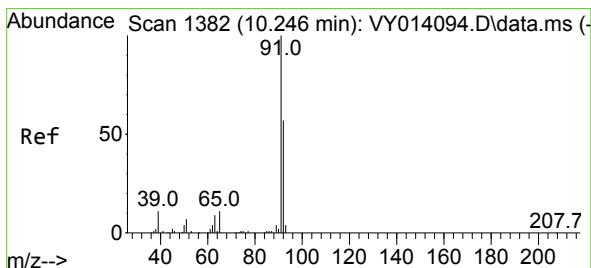
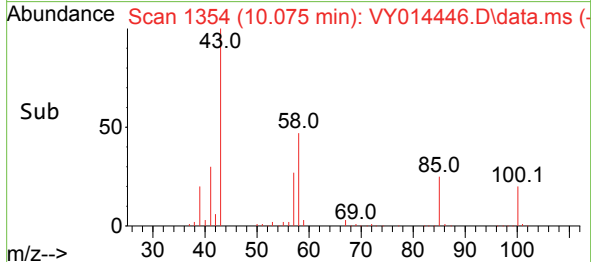
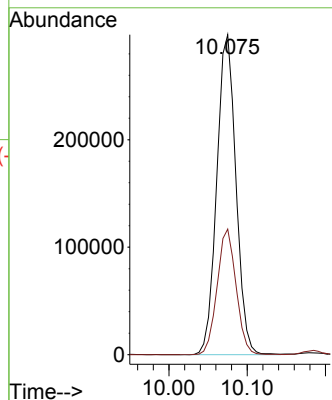
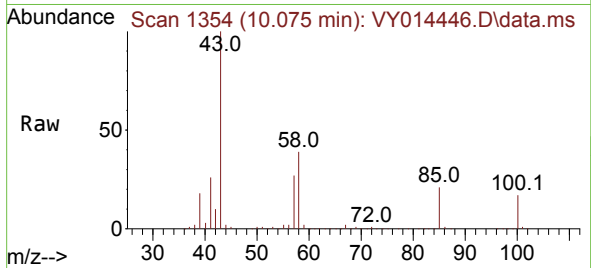




#51
4-Methyl-2-Pentanone
Concen: 129.392 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

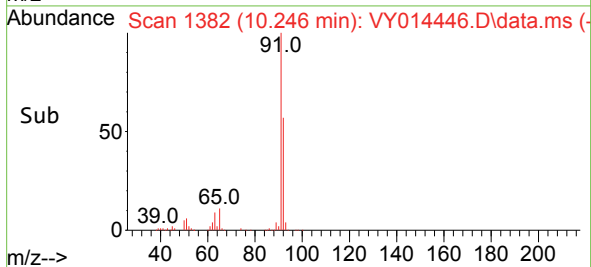
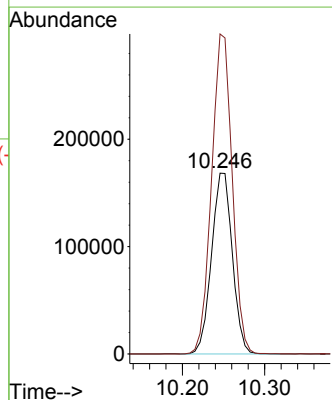
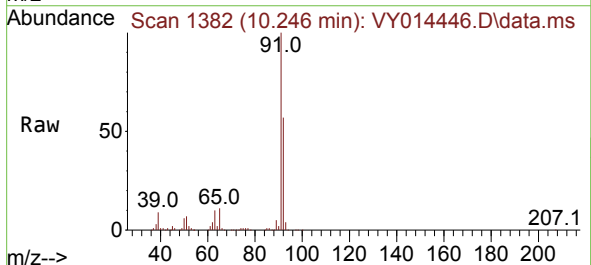
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

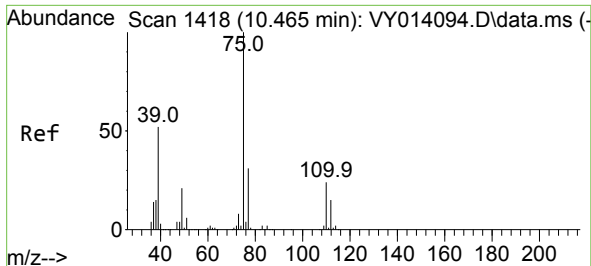
Tgt Ion: 43 Resp: 506933
Ion Ratio Lower Upper
43 100
58 38.8 29.0 43.6



#52
Toluene
Concen: 28.449 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion: 92 Resp: 295743
Ion Ratio Lower Upper
92 100
91 175.8 143.8 215.6

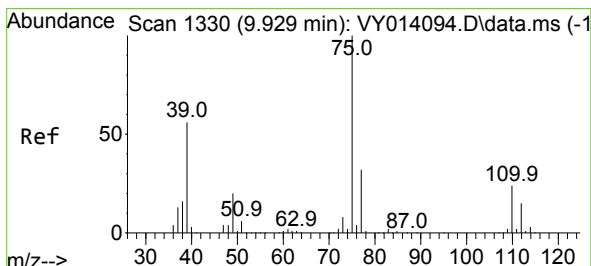
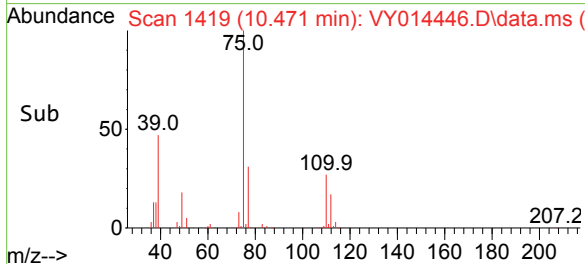
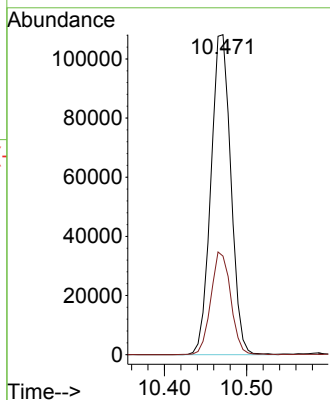
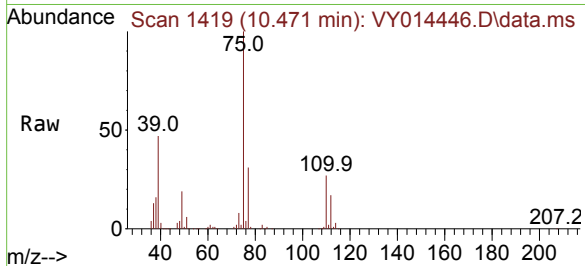




#53
 t-1,3-Dichloropropene
 Concen: 27.754 ug/l
 RT: 10.471 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY014446.D
 Acq: 26 Jun 2023 19:57

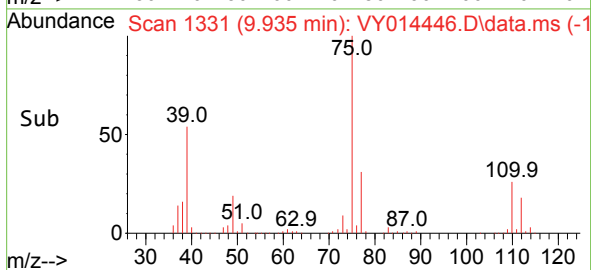
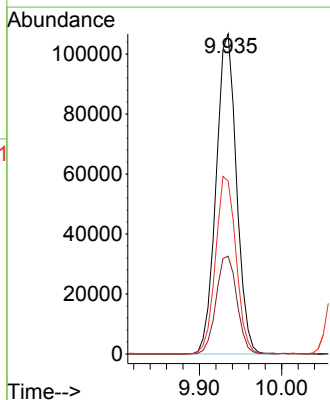
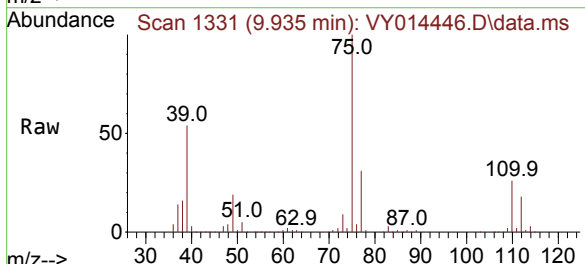
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

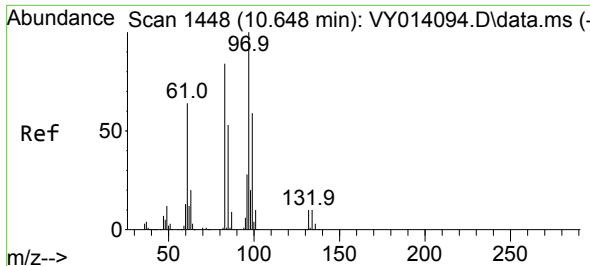
Tgt Ion: 75 Resp: 182573
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 27.100 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: VY014446.D
 Acq: 26 Jun 2023 19:57

Tgt Ion: 75 Resp: 183883
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.2 36.4
 39 54.0 42.2 63.4

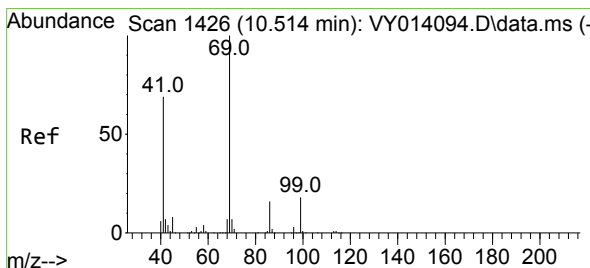
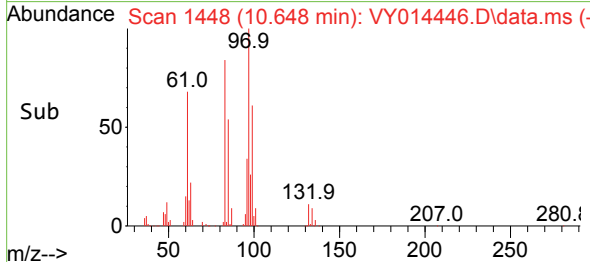
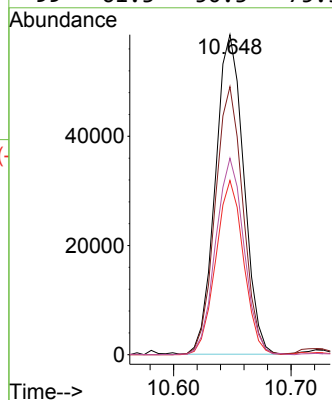
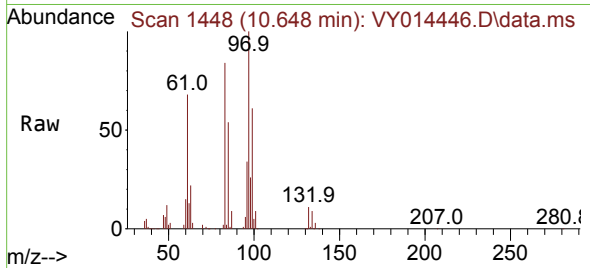




#55
1,1,2-Trichloroethane
Concen: 28.206 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

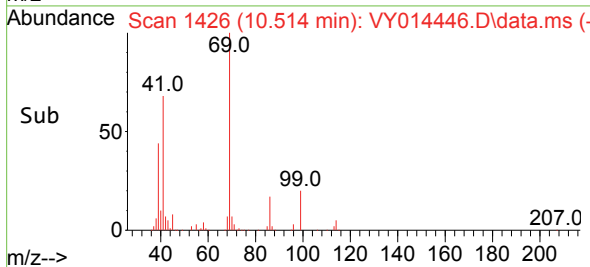
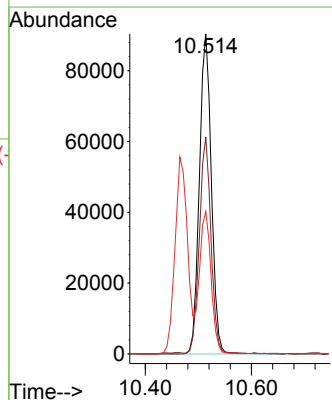
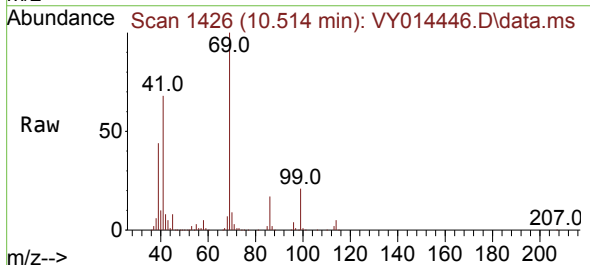
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

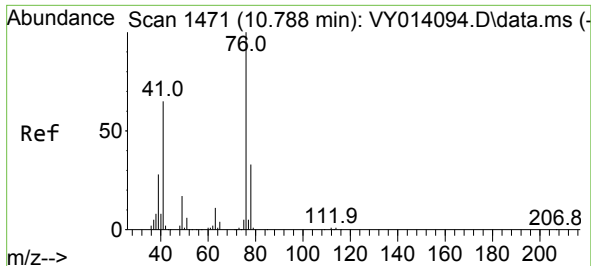
Tgt Ion: 97	Resp: 98324
Ion Ratio	Lower Upper
97 100	
83 83.7	72.0 108.0
85 54.5	45.4 68.0
99 61.3	50.3 75.5



#56
Ethyl methacrylate
Concen: 28.468 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion: 69	Resp: 141726
Ion Ratio	Lower Upper
69 100	
41 65.7	57.6 86.4
39 44.0	34.1 51.1

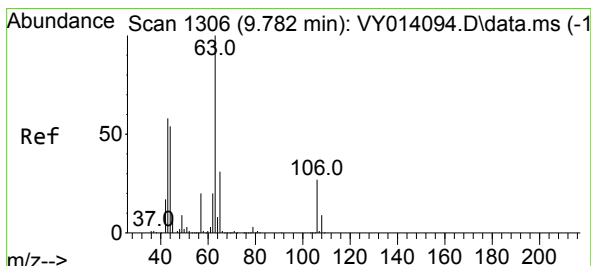
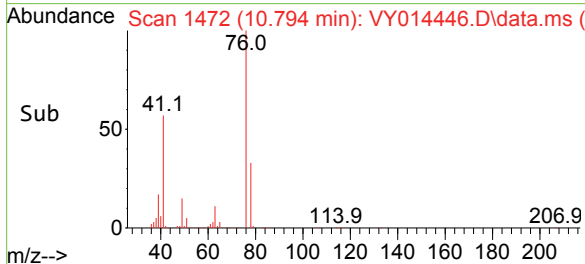
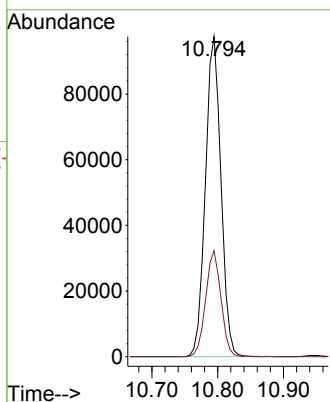
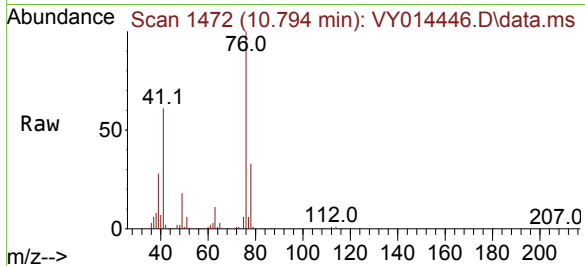




#57
1,3-Dichloropropane
Concen: 27.320 ug/l
RT: 10.794 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

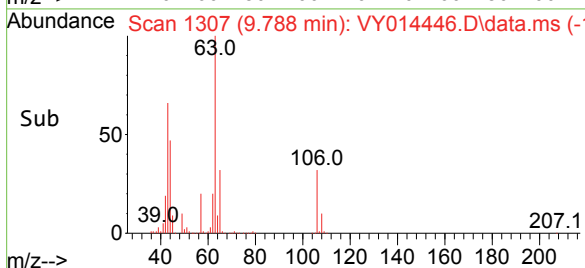
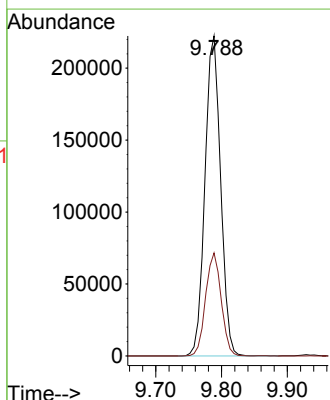
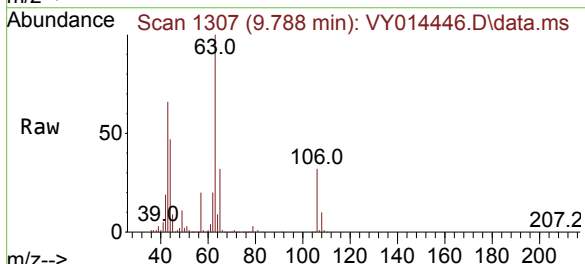
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

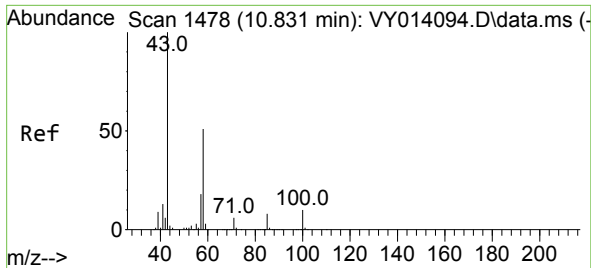
Tgt Ion: 76 Resp: 160187
Ion Ratio Lower Upper
76 100
78 32.6 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 157.824 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. 0.006 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion: 63 Resp: 368042
Ion Ratio Lower Upper
63 100
106 32.1 21.2 31.8#

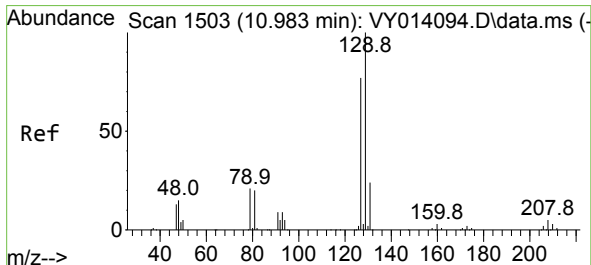
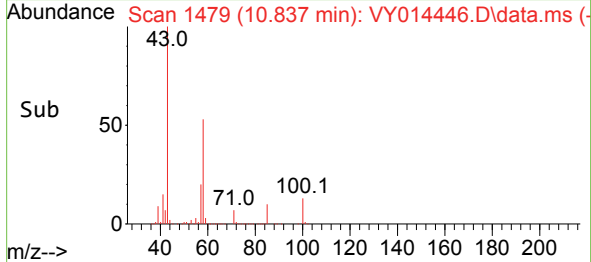
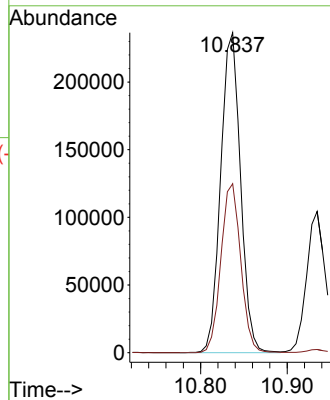
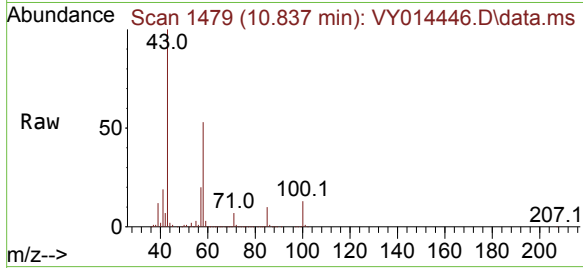




#59
2-Hexanone
Concen: 127.439 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

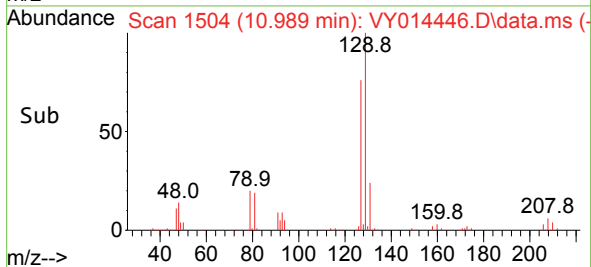
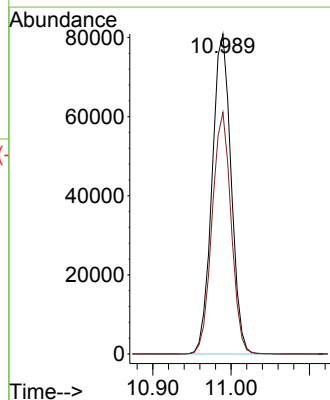
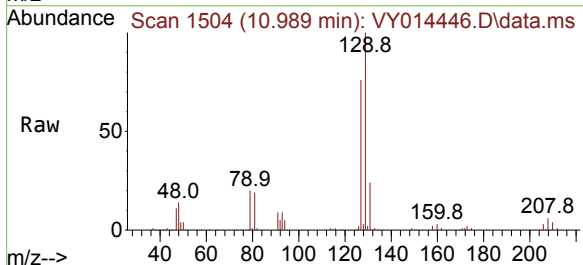
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

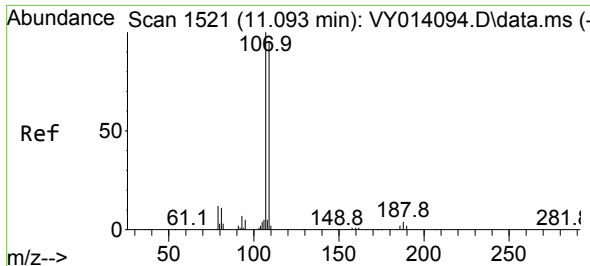
Tgt Ion: 43 Resp: 376224
Ion Ratio Lower Upper
43 100
58 52.8 25.1 75.3



#60
Dibromochloromethane
Concen: 29.514 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion: 129 Resp: 136481
Ion Ratio Lower Upper
129 100
127 75.4 38.5 115.5

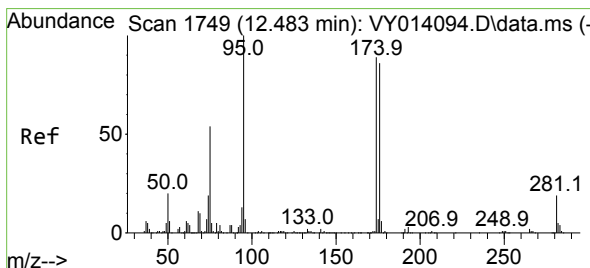
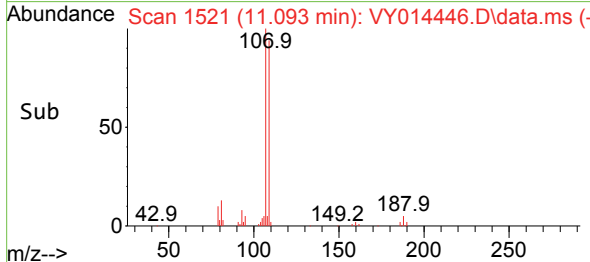
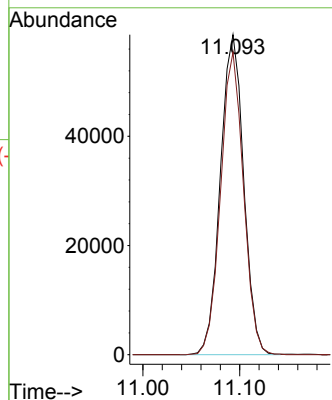
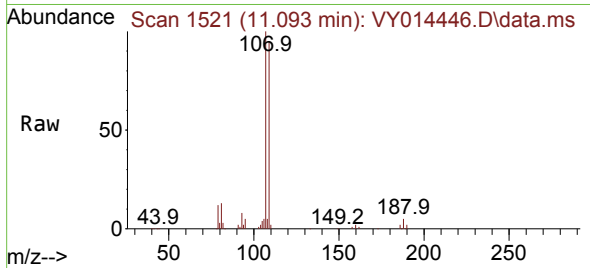




#61
1,2-Dibromoethane
Concen: 28.198 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

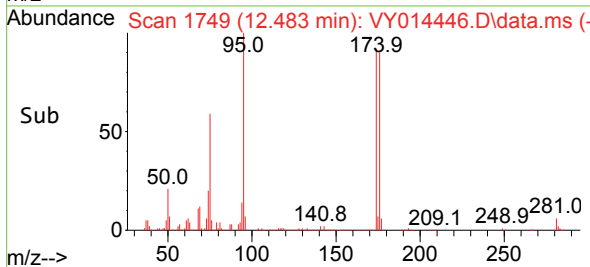
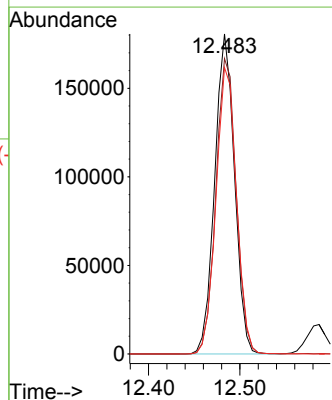
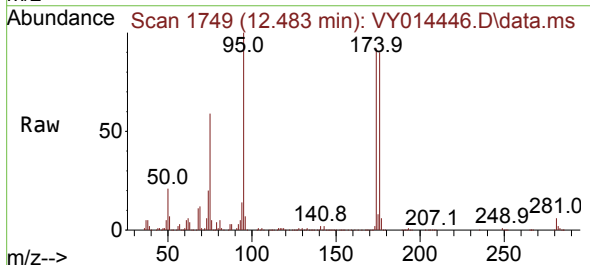
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

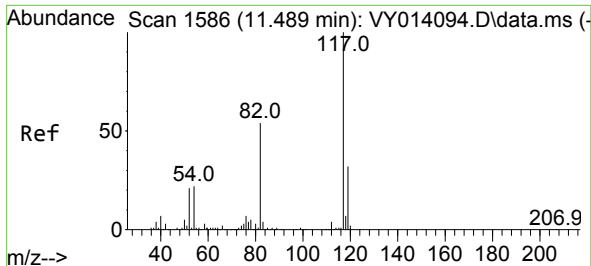
Tgt Ion:107 Resp: 97868
Ion Ratio Lower Upper
107 100
109 92.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.750 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion: 95 Resp: 271857
Ion Ratio Lower Upper
95 100
174 94.9 0.0 178.2
176 92.4 0.0 173.8

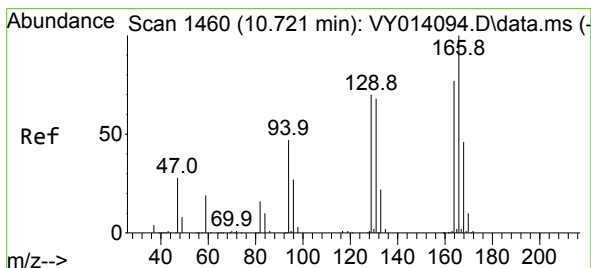
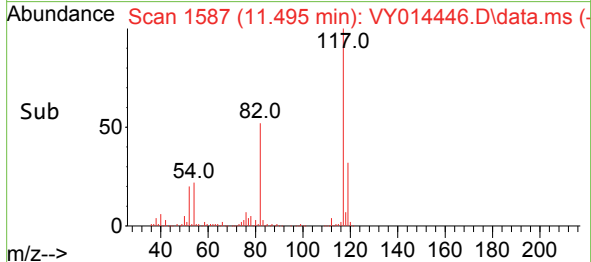
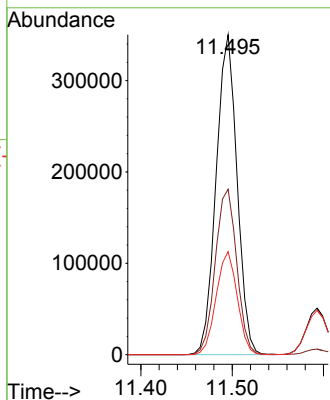
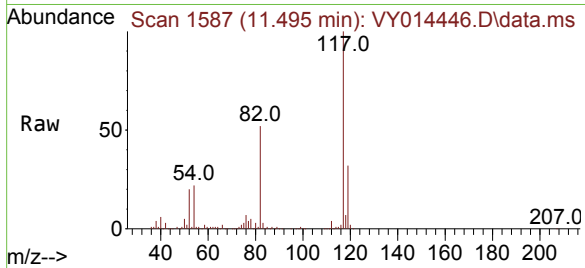




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

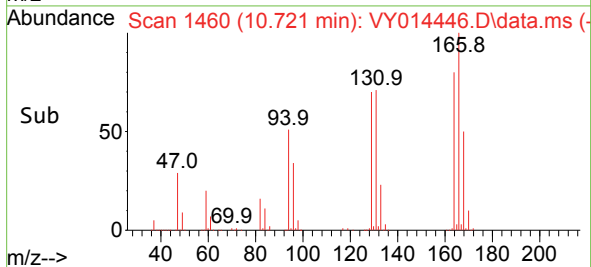
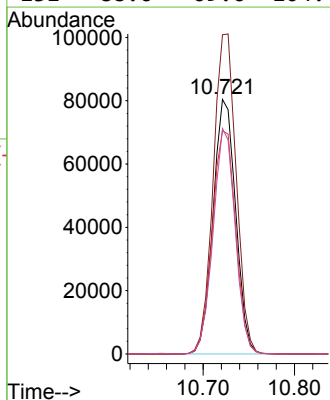
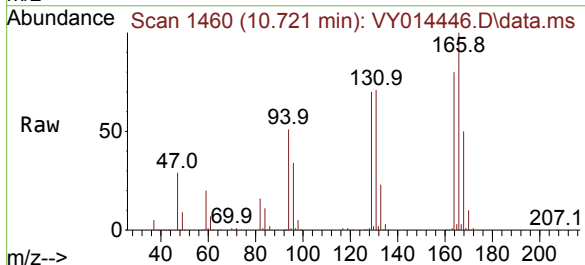
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

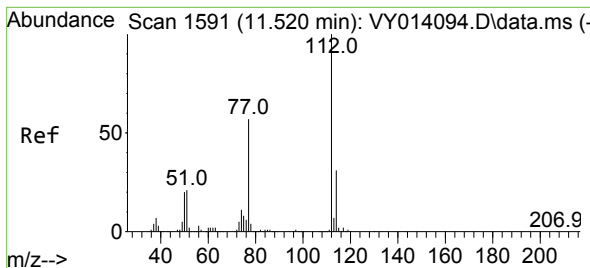
Tgt Ion:117 Resp: 558540
Ion Ratio Lower Upper
117 100
82 51.7 43.4 65.0
119 32.2 26.3 39.5



#64
Tetrachloroethene
Concen: 29.083 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion:164 Resp: 138231
Ion Ratio Lower Upper
164 100
166 125.4 103.0 154.6
129 87.6 77.2 115.8
131 88.6 69.6 104.4

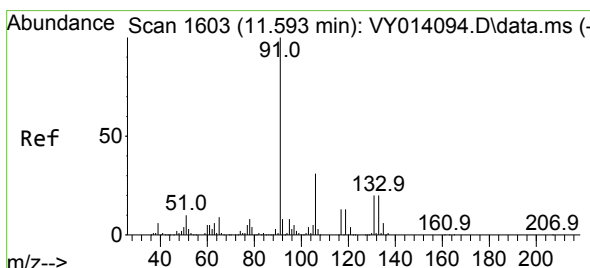
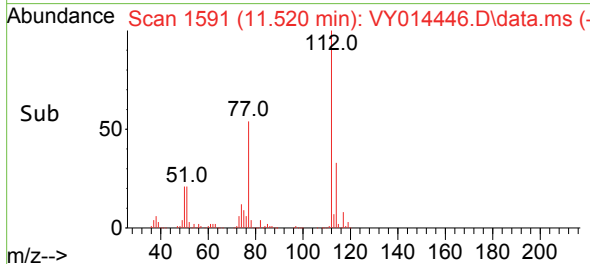
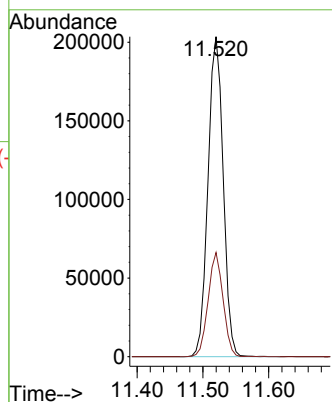
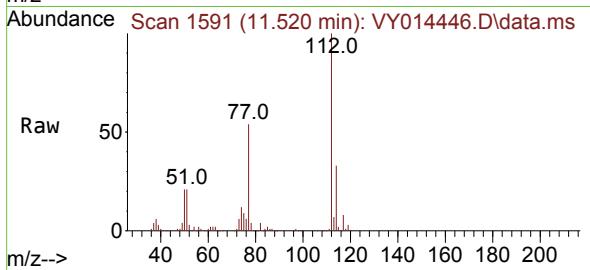




#65
Chlorobenzene
Concen: 28.539 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

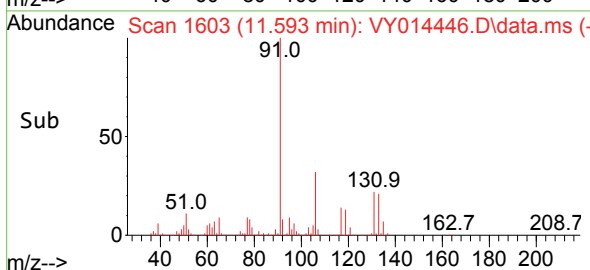
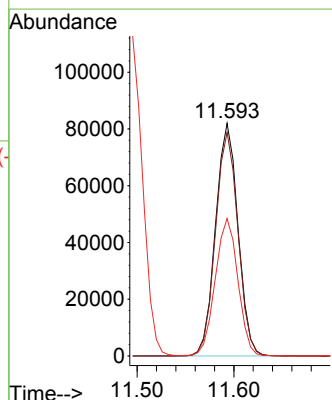
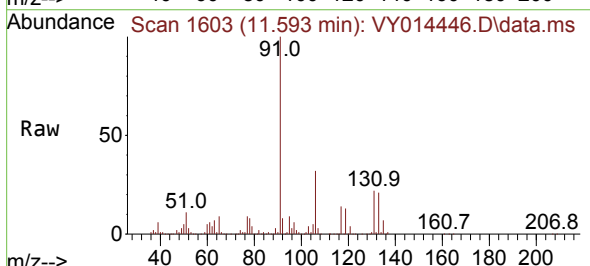
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

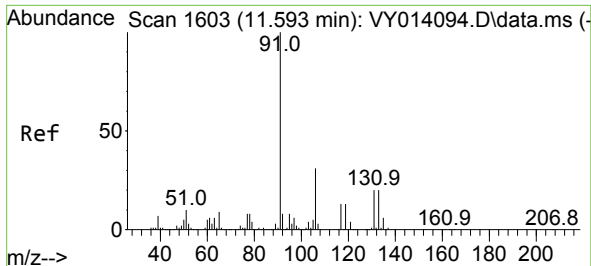
Tgt Ion:112 Resp: 327478
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 28.585 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion:131 Resp: 132126
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.6
119 59.7 31.6 94.7

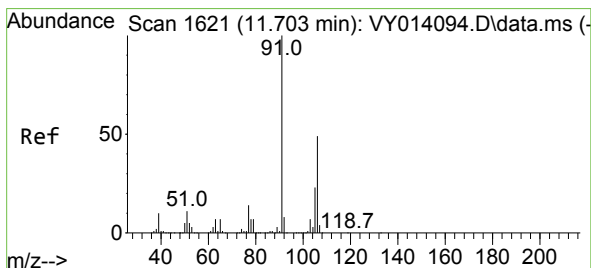
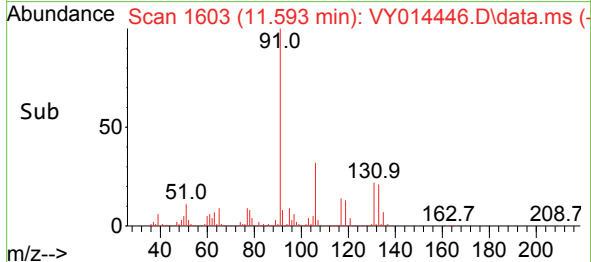
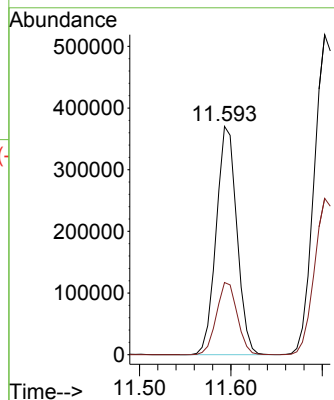
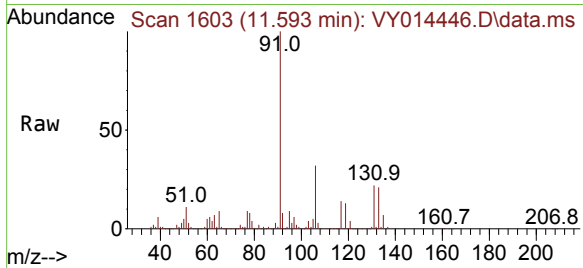




#67
Ethyl Benzene
Concen: 28.451 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

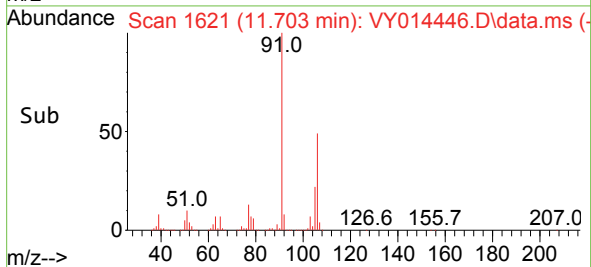
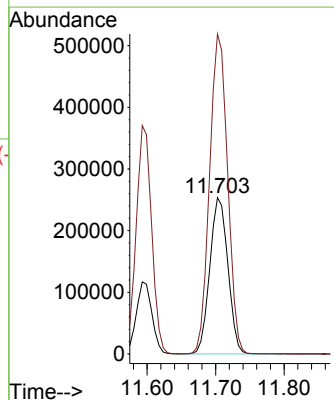
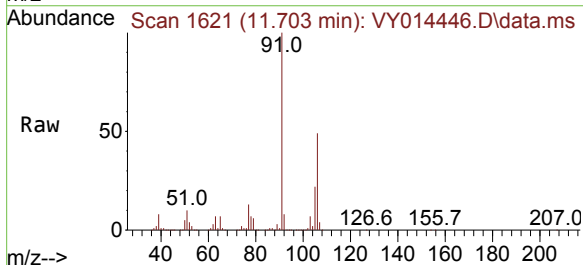
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

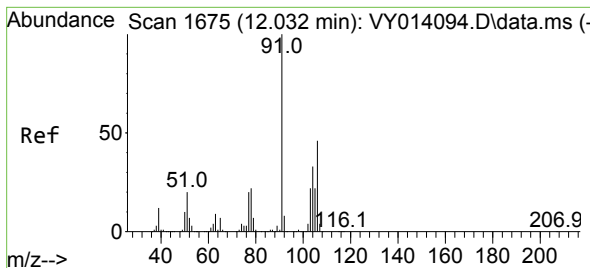
Tgt Ion: 91 Resp: 581351
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8



#68
m/p-Xylenes
Concen: 58.166 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion:106 Resp: 464206
Ion Ratio Lower Upper
106 100
91 204.2 166.1 249.1

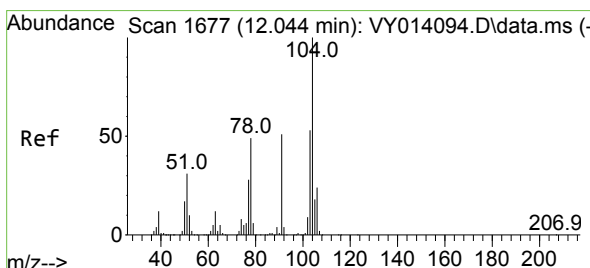
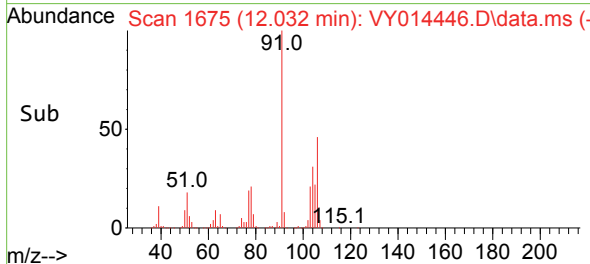
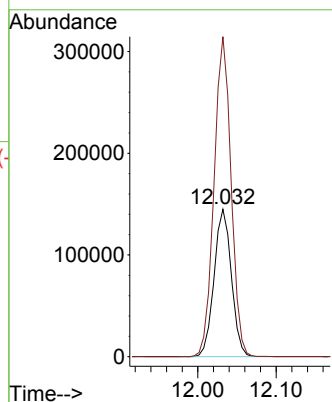
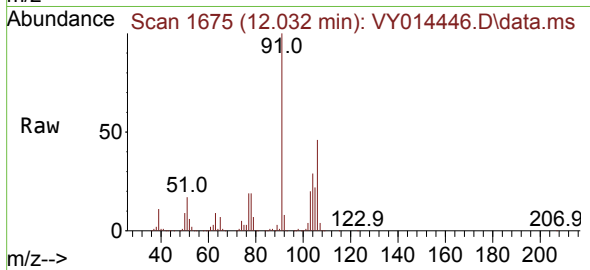




#69
o-Xylene
Concen: 29.304 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

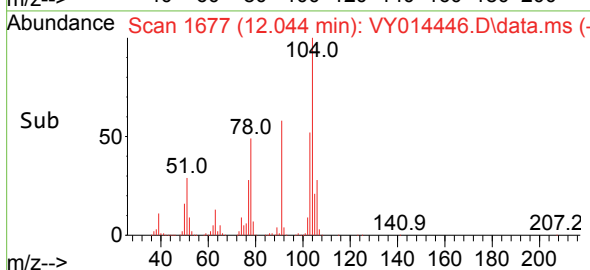
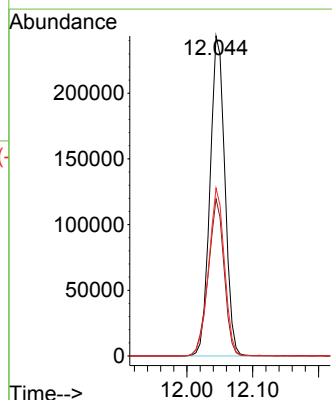
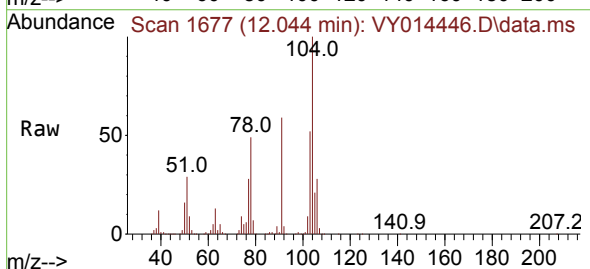
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

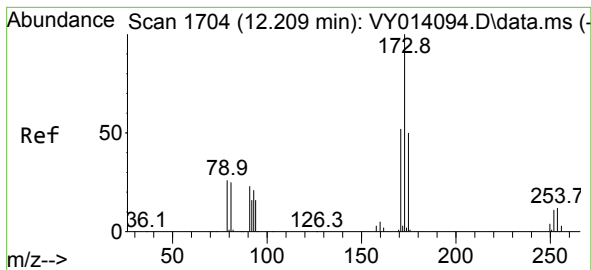
Tgt Ion:106 Resp: 222536
Ion Ratio Lower Upper
106 100
91 213.9 108.1 324.3



#70
Styrene
Concen: 29.493 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion:104 Resp: 383864
Ion Ratio Lower Upper
104 100
78 52.0 41.5 62.3
103 55.8 44.6 67.0





#71

Bromoform

Concen: 29.574 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014446.D

Acq: 26 Jun 2023 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

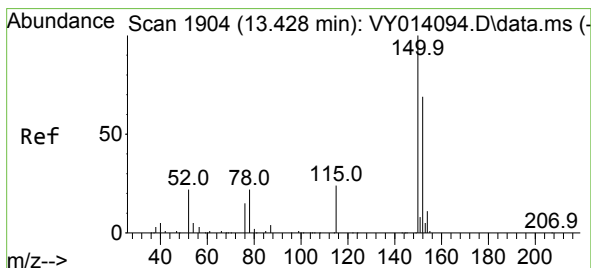
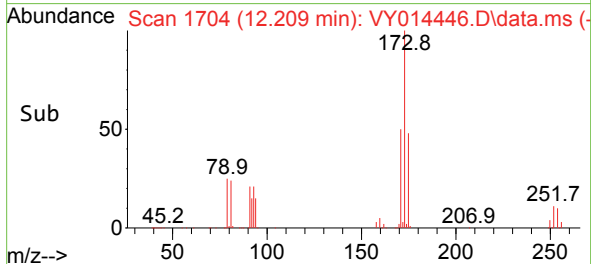
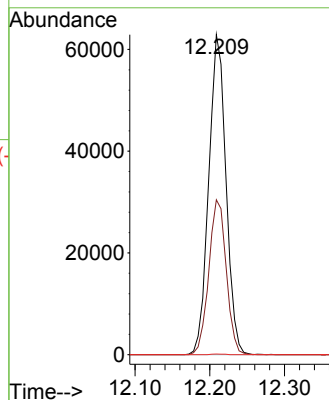
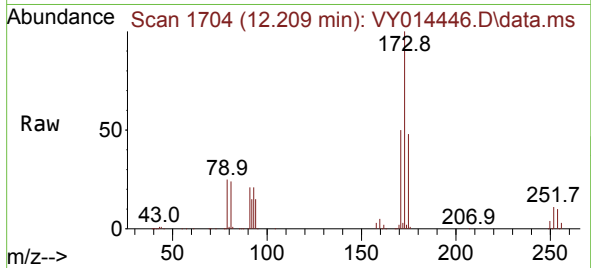
Tgt Ion:173 Resp: 101030

Ion Ratio Lower Upper

173 100

175 49.0 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014446.D

Acq: 26 Jun 2023 19:57

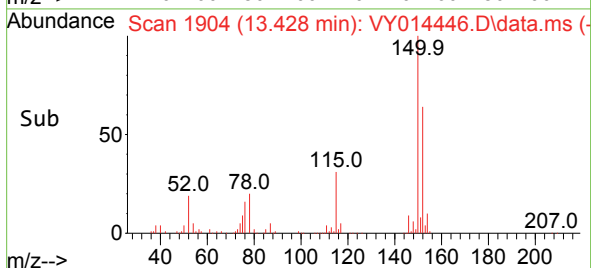
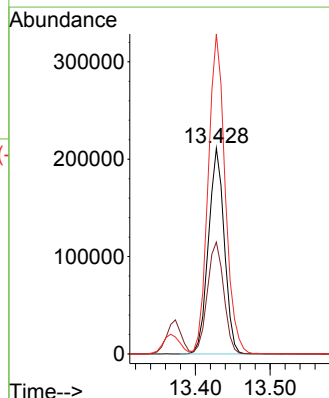
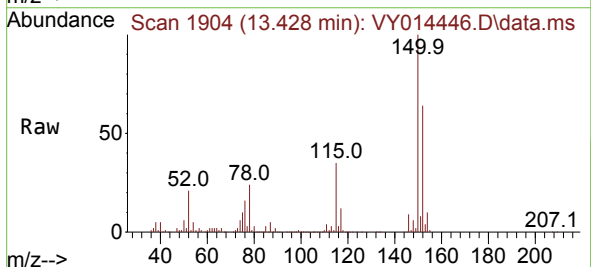
Tgt Ion:152 Resp: 311244

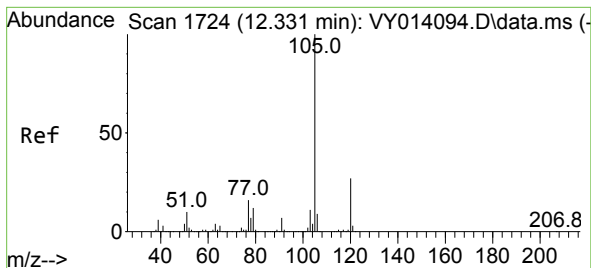
Ion Ratio Lower Upper

152 100

115 56.3 28.8 86.5

150 166.6 0.0 348.8





#73

Isopropylbenzene

Concen: 27.942 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014446.D

Acq: 26 Jun 2023 19:57

Instrument :

MSVOA_Y

ClientSampleId :

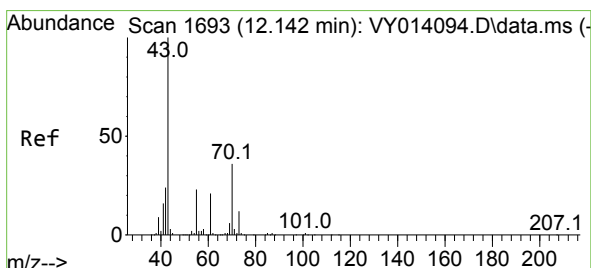
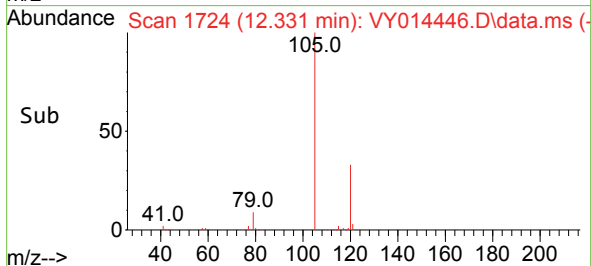
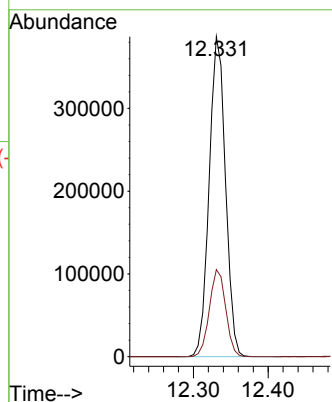
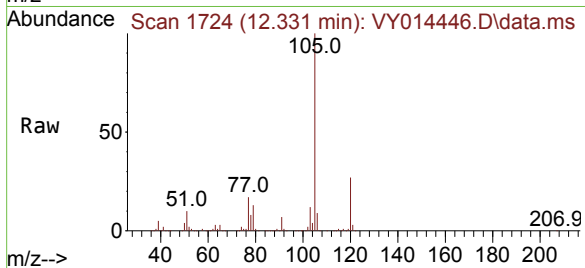
VSTDCCC050EC

Tgt Ion:105 Resp: 585596

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.9



#74

N-ethyl acetate

Concen: 25.961 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY014446.D

Acq: 26 Jun 2023 19:57

Tgt Ion: 43 Resp: 172309

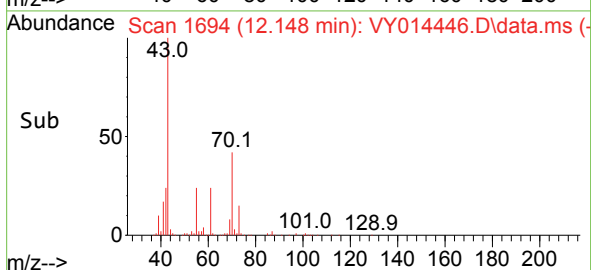
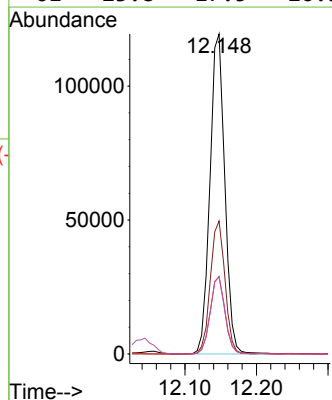
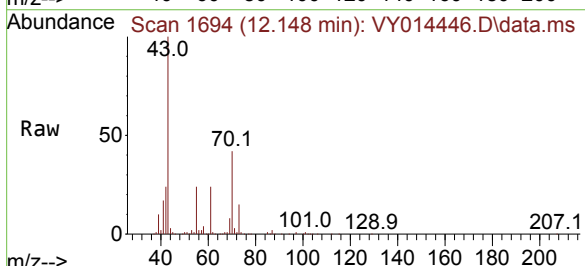
Ion Ratio Lower Upper

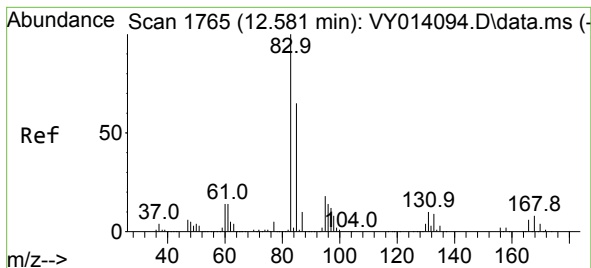
43 100

70 41.1 29.7 44.5

55 24.2 18.3 27.5

61 23.8 17.5 26.3

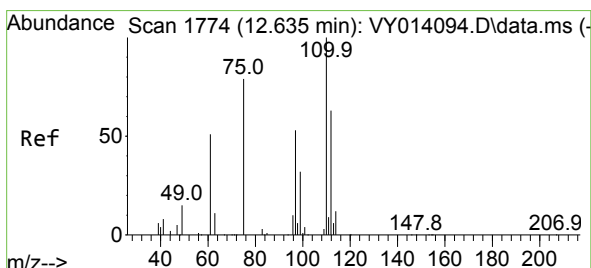
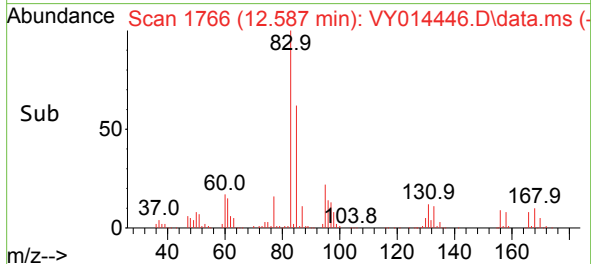
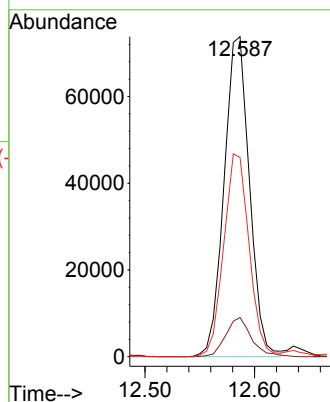
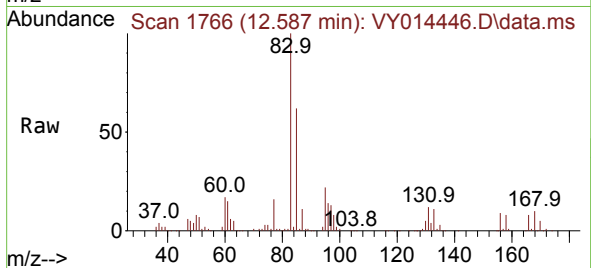




#75
1,1,2,2-Tetrachloroethane
Concen: 26.528 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

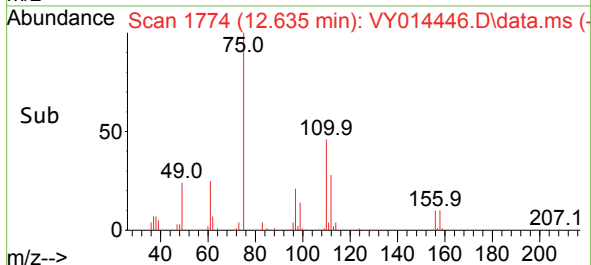
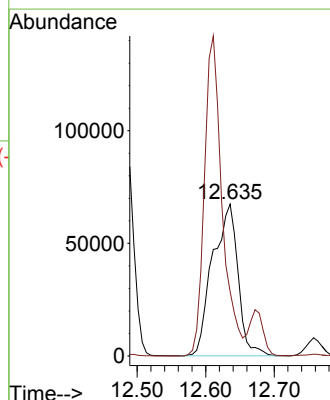
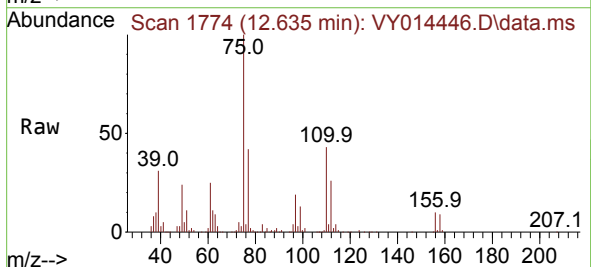
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

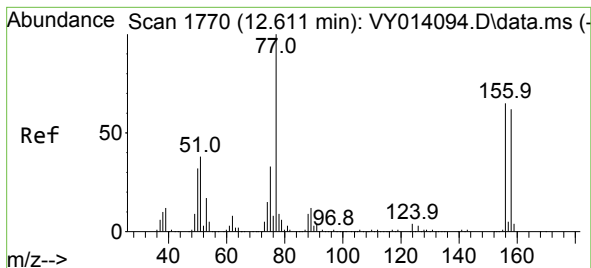
Tgt Ion: 83 Resp: 118816
Ion Ratio Lower Upper
83 100
131 12.4 5.4 16.2
85 63.5 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 44.455 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion: 75 Resp: 173567
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 27.946 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY014446.D

Acq: 26 Jun 2023 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

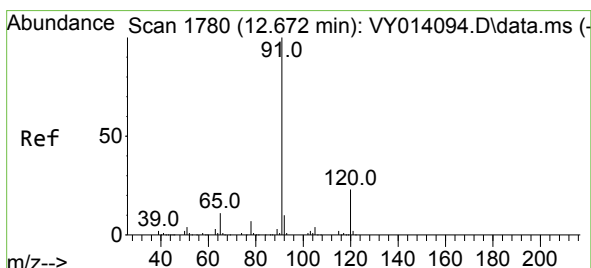
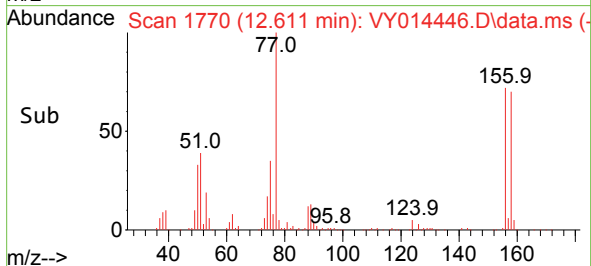
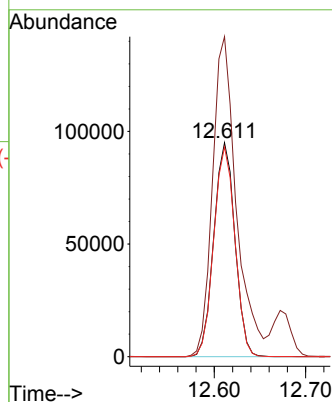
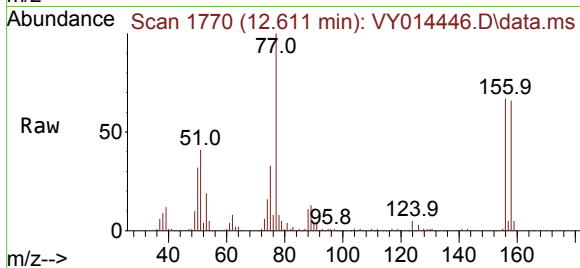
Tgt Ion:156 Resp: 152283

Ion Ratio Lower Upper

156 100

77 168.4 92.8 278.6

158 98.4 48.4 145.3



#78

n-propylbenzene

Concen: 27.887 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014446.D

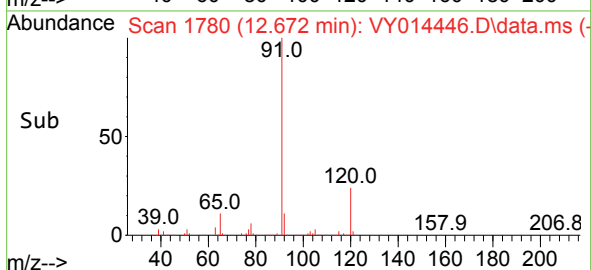
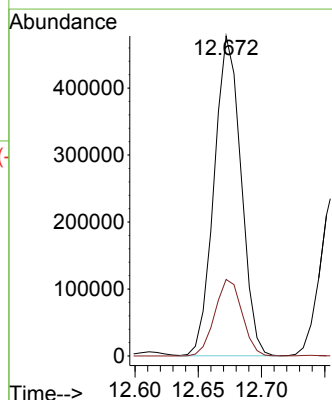
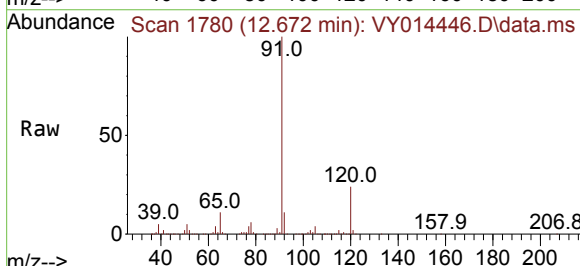
Acq: 26 Jun 2023 19:57

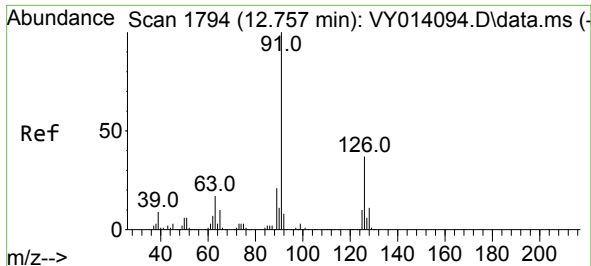
Tgt Ion: 91 Resp: 705109

Ion Ratio Lower Upper

91 100

120 24.3 11.5 34.4

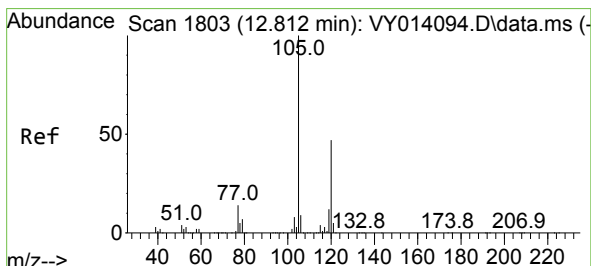
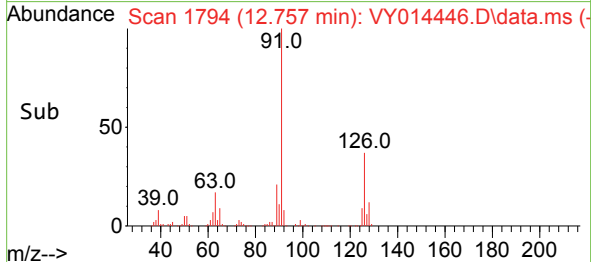
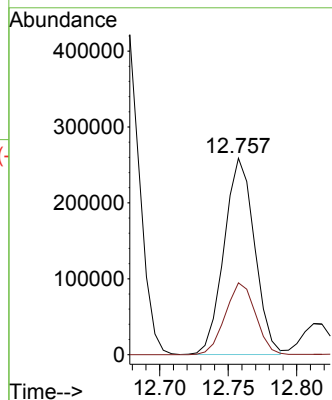
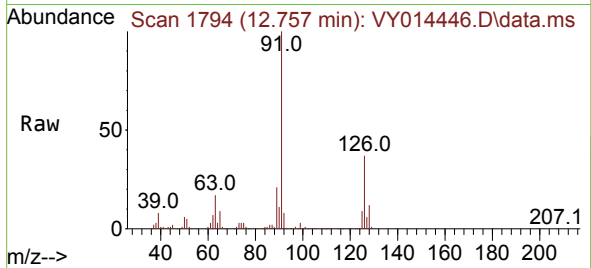




#79
2-Chlorotoluene
Concen: 27.786 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

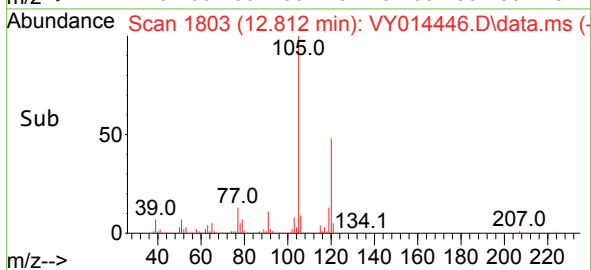
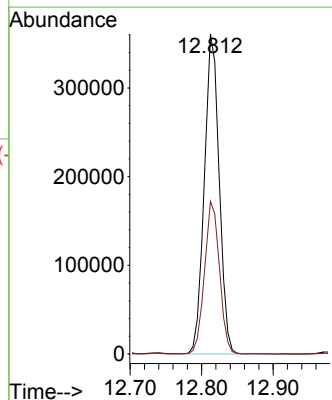
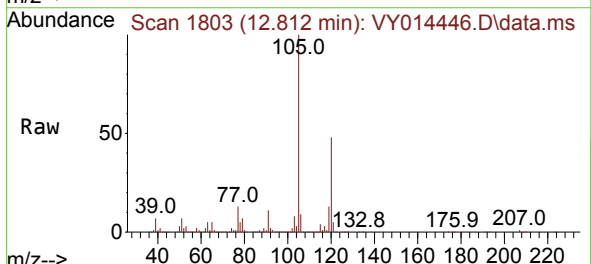
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

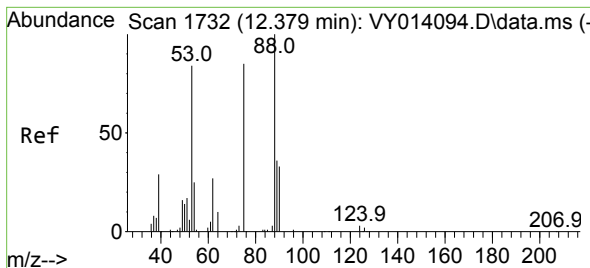
Tgt Ion: 91 Resp: 401238
Ion Ratio Lower Upper
91 100
126 36.4 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 28.805 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion: 105 Resp: 522220
Ion Ratio Lower Upper
105 100
120 48.0 23.9 71.7

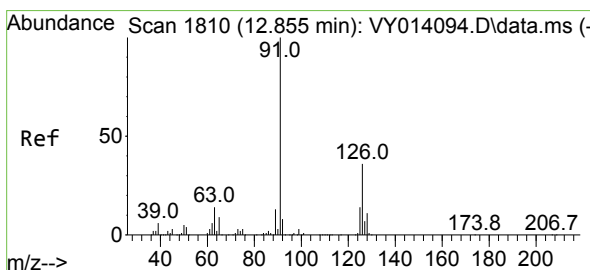
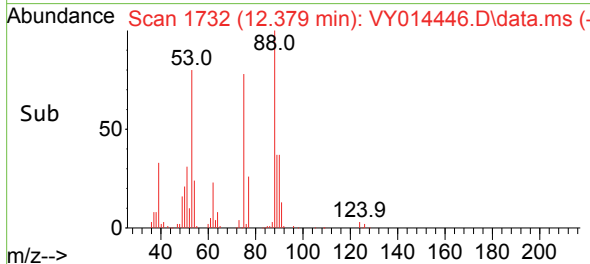
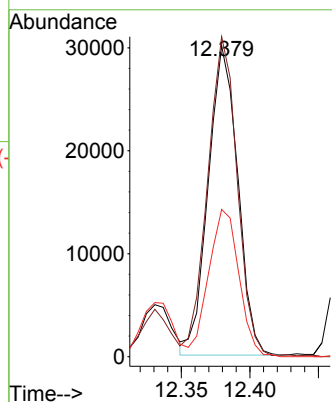
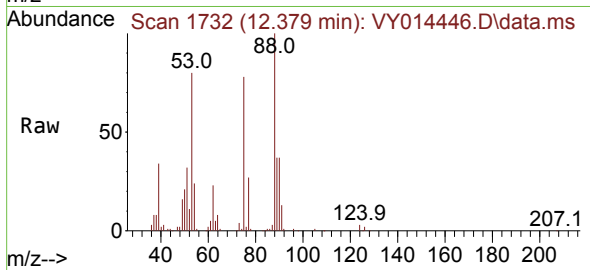




#81
trans-1,4-Dichloro-2-butene
Concen: 26.179 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

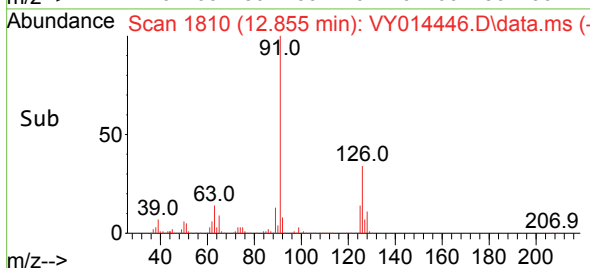
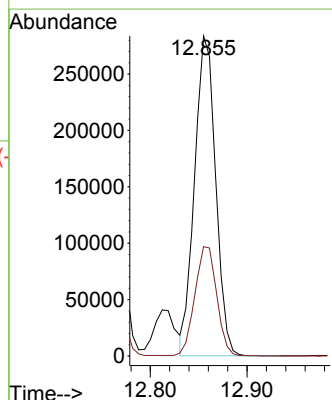
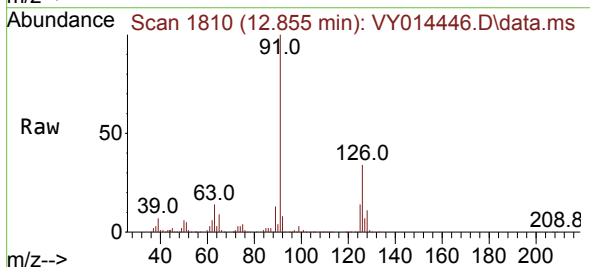
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

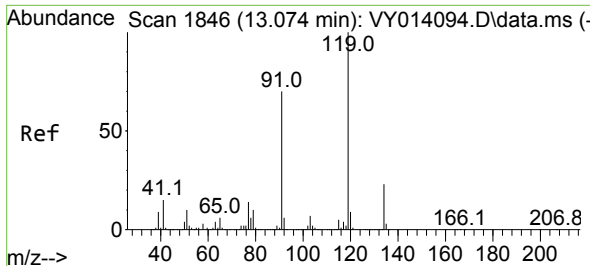
Tgt Ion: 75 Resp: 44894
Ion Ratio Lower Upper
75 100
53 104.7 77.8 116.8
89 48.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 27.919 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion: 91 Resp: 429479
Ion Ratio Lower Upper
91 100
126 35.6 17.2 51.6

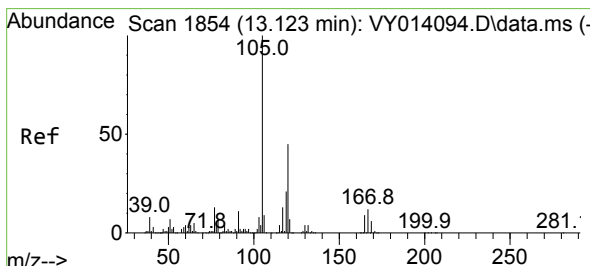
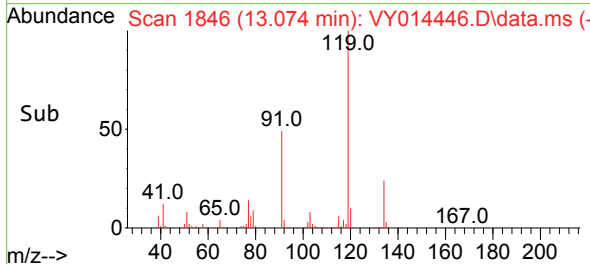
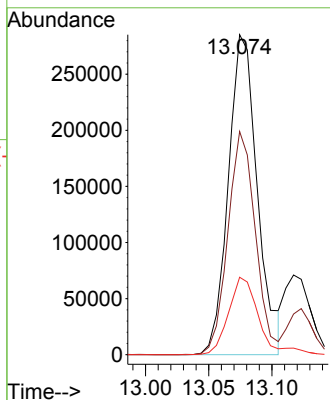
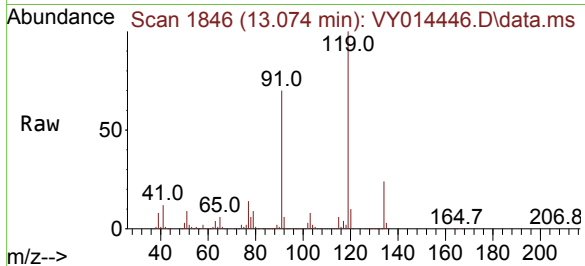




#83
tert-Butylbenzene
Concen: 29.342 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

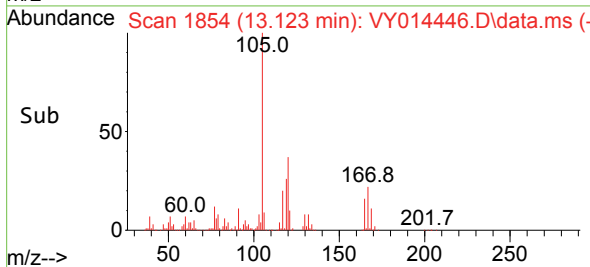
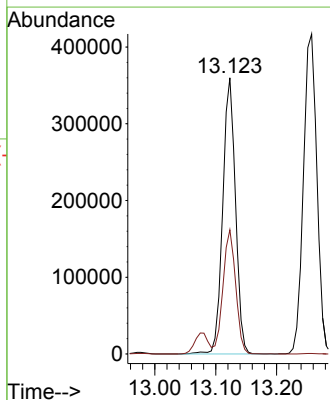
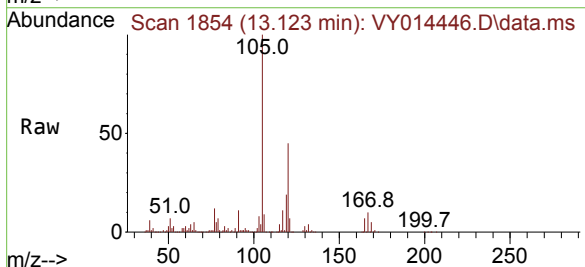
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

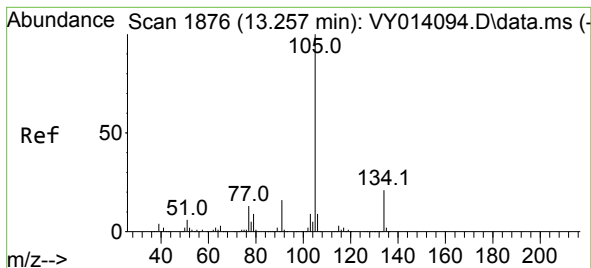
Tgt Ion:119 Resp: 456049
Ion Ratio Lower Upper
119 100
91 66.2 32.9 98.6
134 25.3 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 29.168 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion:105 Resp: 524003
Ion Ratio Lower Upper
105 100
120 44.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 28.425 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY014446.D

Acq: 26 Jun 2023 19:57

Instrument :

MSVOA_Y

ClientSampleId :

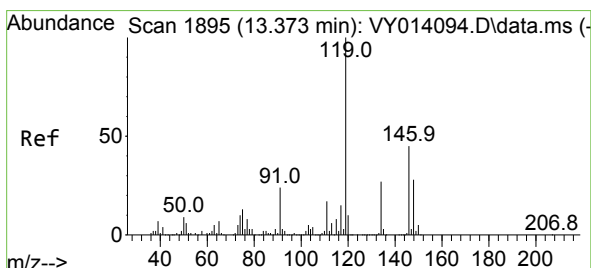
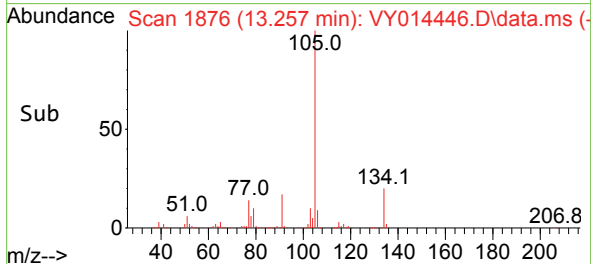
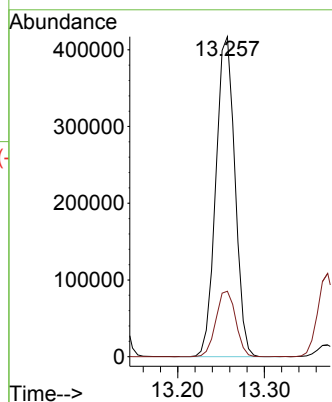
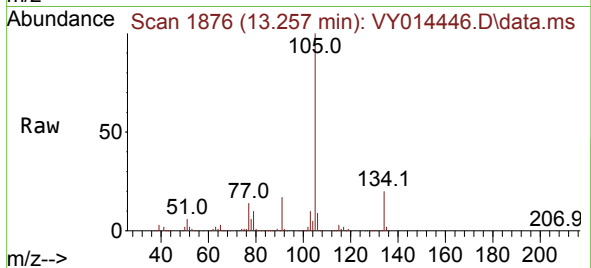
VSTDCCC050EC

Tgt Ion:105 Resp: 638886

Ion Ratio Lower Upper

105 100

134 21.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 29.408 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY014446.D

Acq: 26 Jun 2023 19:57

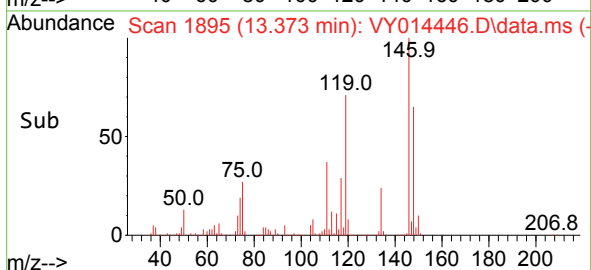
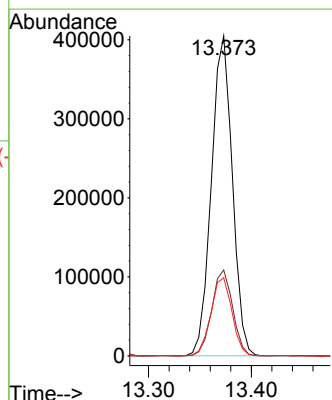
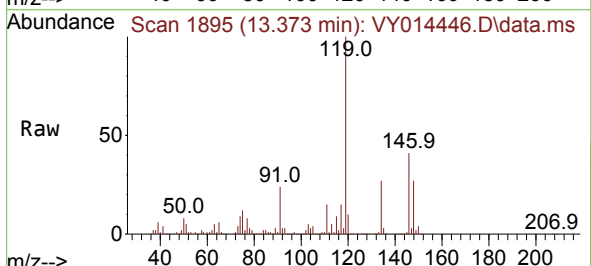
Tgt Ion:119 Resp: 572288

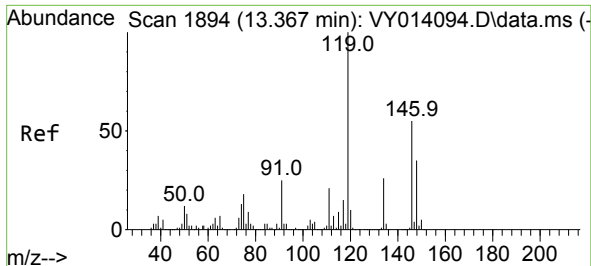
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 24.6 12.4 37.4

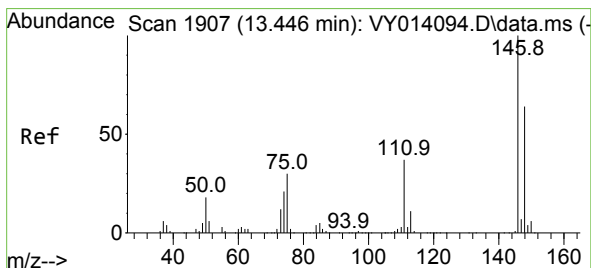
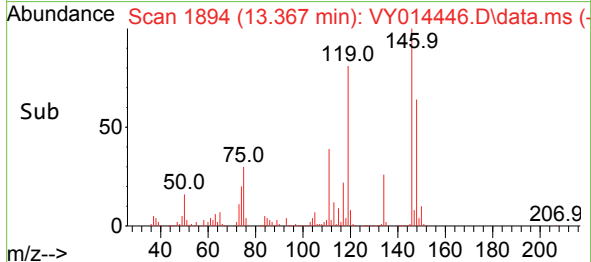
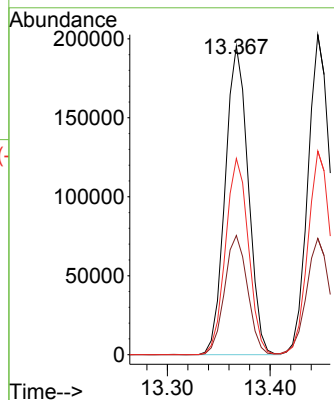
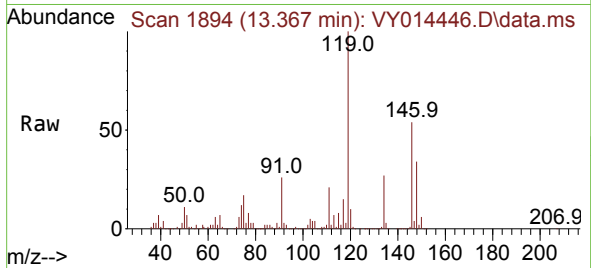




#87
 1,3-Dichlorobenzene
 Concen: 28.927 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY014446.D
 Acq: 26 Jun 2023 19:57

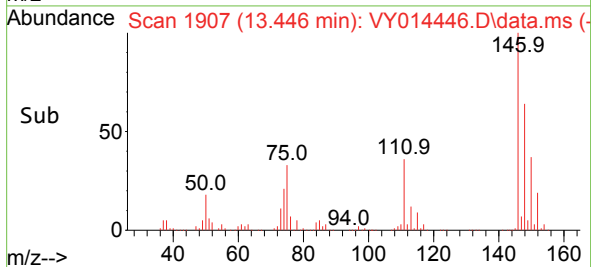
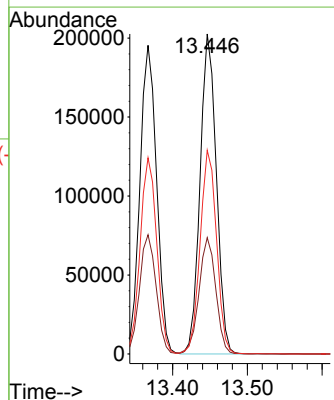
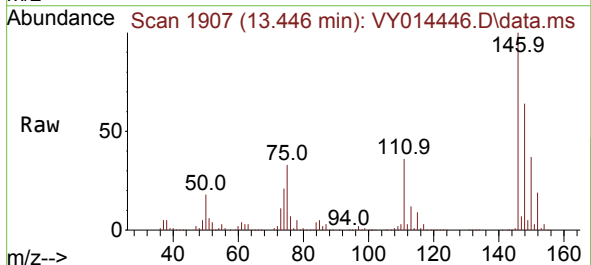
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

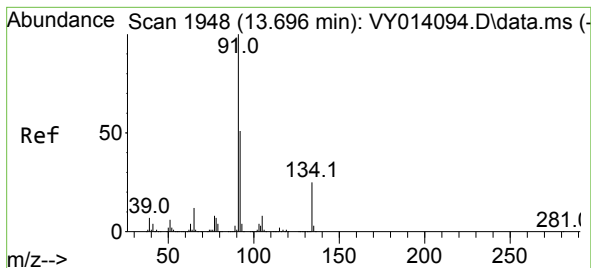
Tgt Ion:146 Resp: 304040
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.4 58.2
 148 63.3 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 29.002 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY014446.D
 Acq: 26 Jun 2023 19:57

Tgt Ion:146 Resp: 306447
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.7
 148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 28.553 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014446.D

Acq: 26 Jun 2023 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

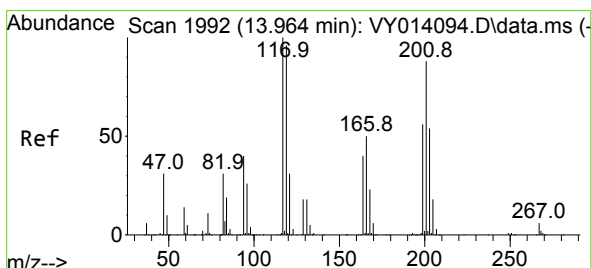
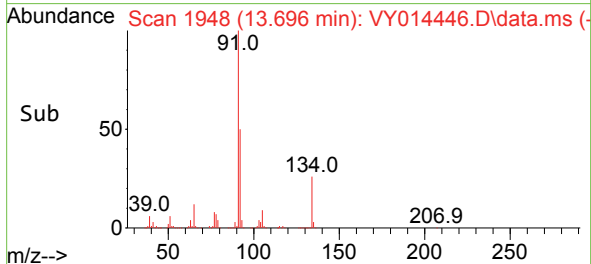
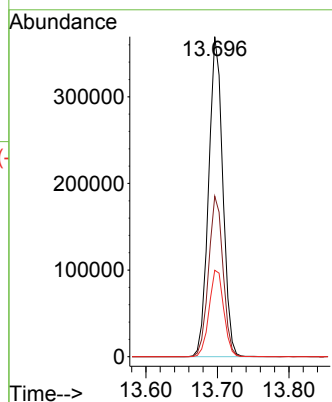
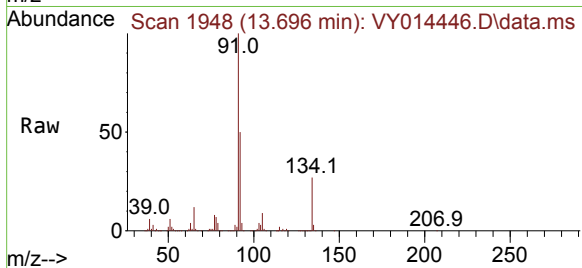
Tgt Ion: 91 Resp: 507678

Ion Ratio Lower Upper

91 100

92 51.2 25.4 76.0

134 28.0 12.6 37.6



#90

Hexachloroethane

Concen: 27.911 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.001 min

Lab File: VY014446.D

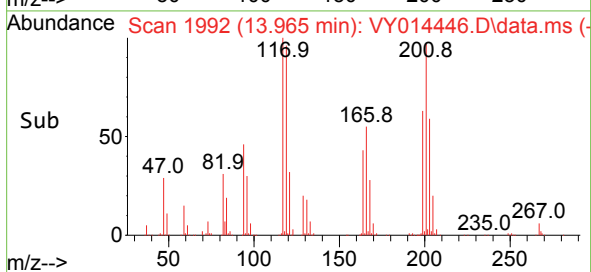
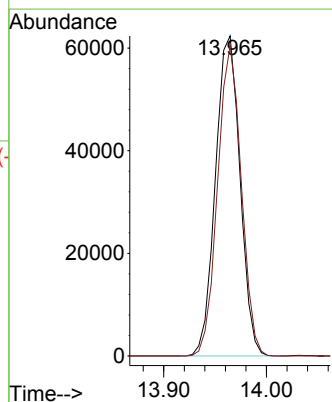
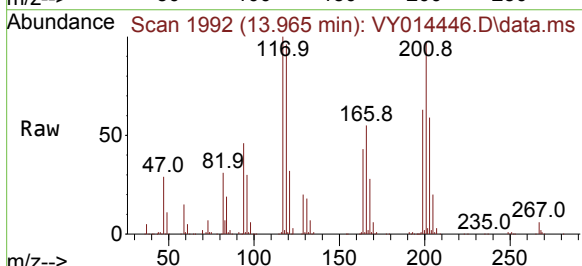
Acq: 26 Jun 2023 19:57

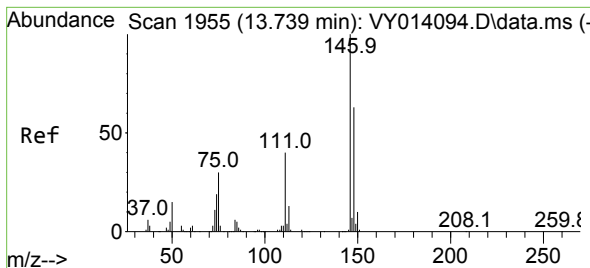
Tgt Ion: 117 Resp: 103328

Ion Ratio Lower Upper

117 100

201 93.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 29.184 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY014446.D

Acq: 26 Jun 2023 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

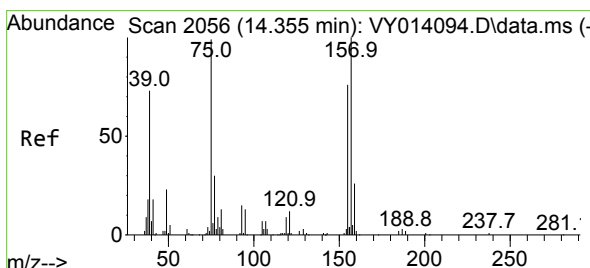
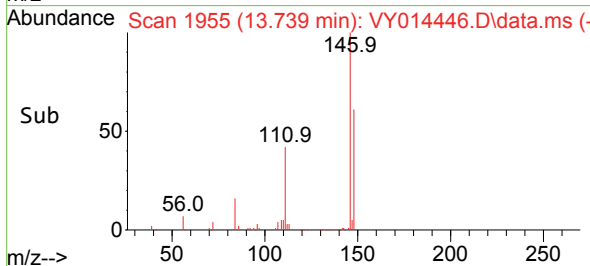
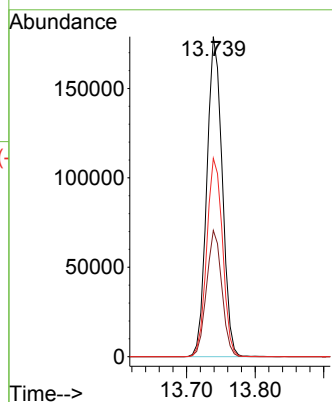
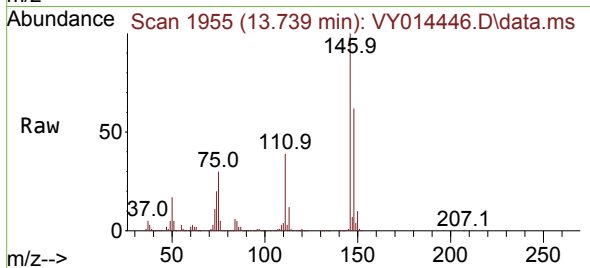
Tgt Ion:146 Resp: 280024

Ion Ratio Lower Upper

146 100

111 39.2 19.7 59.0

148 63.4 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 27.756 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014446.D

Acq: 26 Jun 2023 19:57

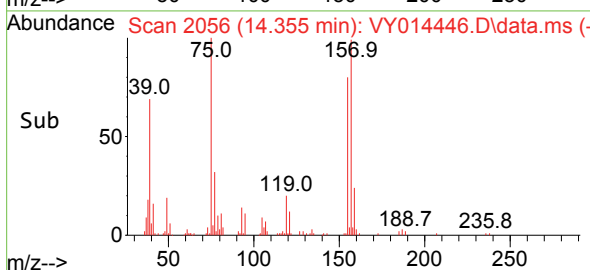
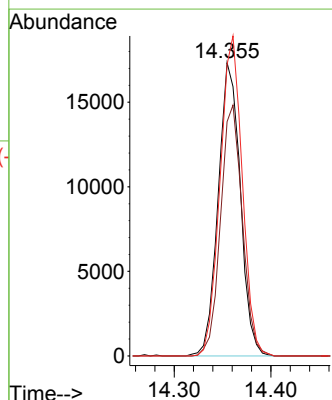
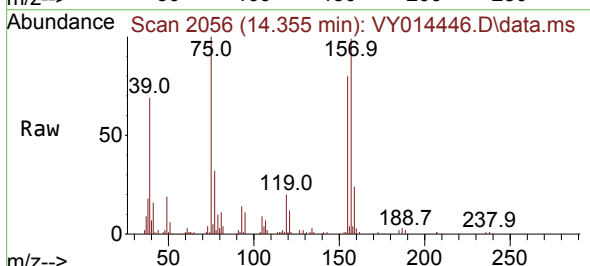
Tgt Ion: 75 Resp: 27476

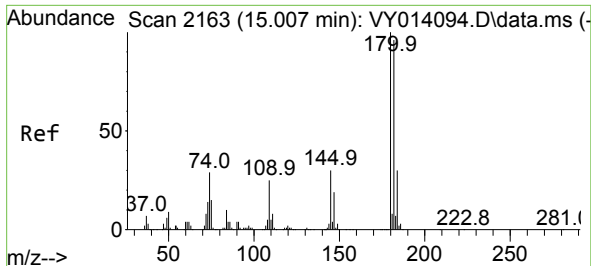
Ion Ratio Lower Upper

75 100

155 84.2 41.5 124.6

157 109.6 51.8 155.5

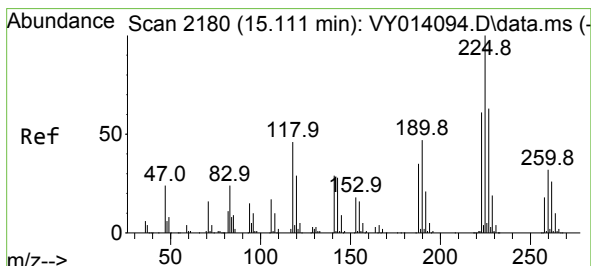
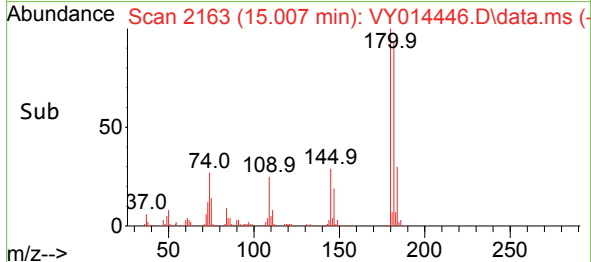
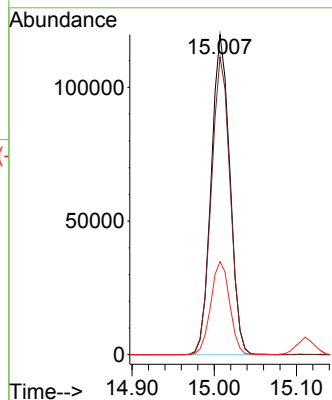
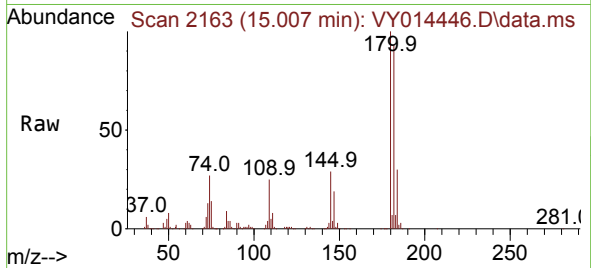




#93
1,2,4-Trichlorobenzene
Concen: 30.193 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

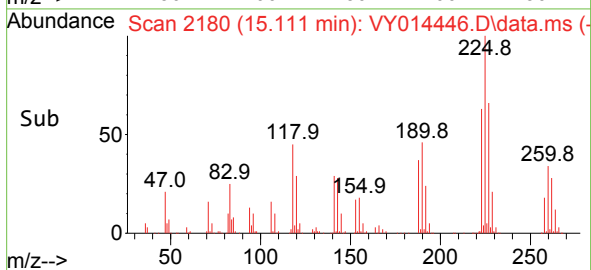
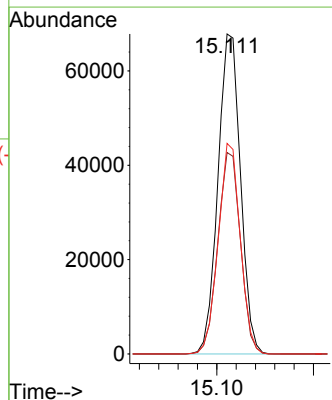
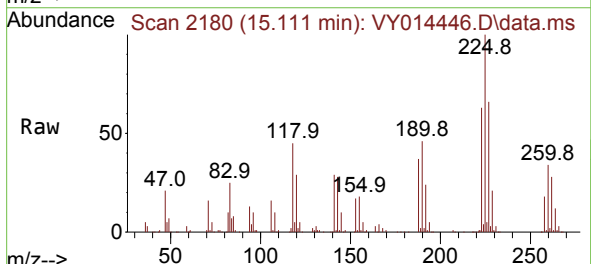
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

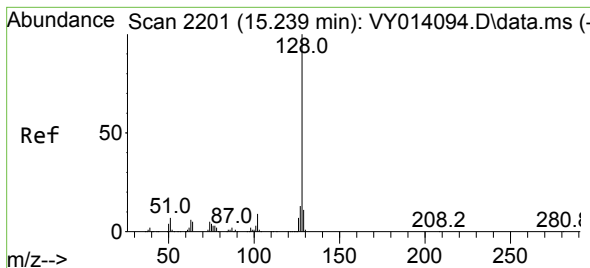
Tgt Ion:180 Resp: 188220
Ion Ratio Lower Upper
180 100
182 94.3 47.0 141.2
145 29.6 14.5 43.5



#94
Hexachlorobutadiene
Concen: 29.293 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY014446.D
Acq: 26 Jun 2023 19:57

Tgt Ion:225 Resp: 109692
Ion Ratio Lower Upper
225 100
223 63.1 31.9 95.9
227 64.3 33.0 98.9





#95

Naphthalene

Concen: 30.090 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY014446.D

Acq: 26 Jun 2023 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

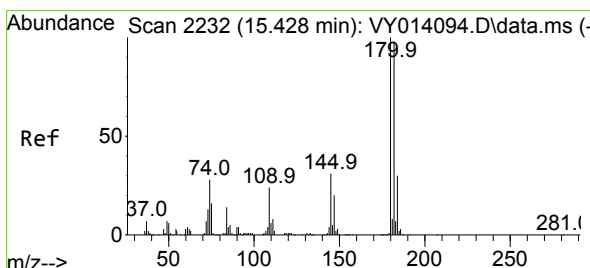
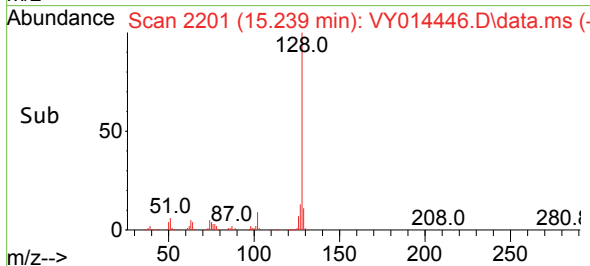
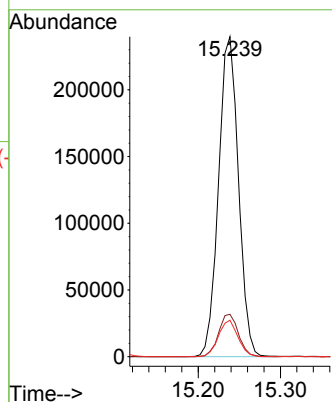
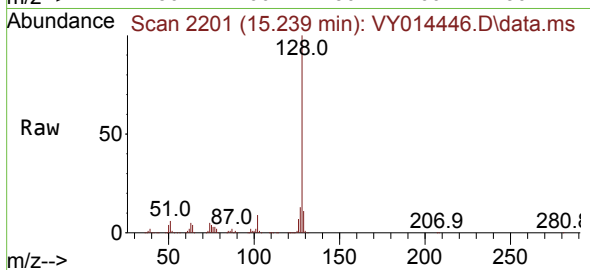
Tgt Ion:128 Resp: 403286

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 30.108 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014446.D

Acq: 26 Jun 2023 19:57

Tgt Ion:180 Resp: 170900

Ion Ratio Lower Upper

180 100

182 95.6 47.3 141.8

145 30.6 15.4 46.2

