

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061323\
 Data File : VY014131.D
 Acq On : 13 Jun 2023 10:56
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 14 01:31:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	194679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	296986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	280237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128455	47.384	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.760%
35) Dibromofluoromethane	7.710	113	113022	53.663	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.320%
50) Toluene-d8	10.179	98	385082	48.905	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.820%
62) 4-Bromofluorobenzene	12.477	95	147475	52.724	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	107371	49.488	ug/l	96
3) Chloromethane	2.113	50	122814	44.642	ug/l	98
4) Vinyl Chloride	2.253	62	127227	47.567	ug/l	98
5) Bromomethane	2.650	94	96906	43.911	ug/l	97
6) Chloroethane	2.796	64	84797	46.656	ug/l	97
7) Trichlorofluoromethane	3.125	101	224892	51.756	ug/l	98
8) Diethyl Ether	3.528	74	73048	50.346	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	120630	55.007	ug/l	99
10) Methyl Iodide	4.088	142	149031	51.465	ug/l	98
11) Tert butyl alcohol	4.960	59	73276	232.008	ug/l #	88
12) 1,1-Dichloroethene	3.875	96	111052	49.961	ug/l	91
13) Acrolein	3.729	56	30316	240.058	ug/l	98
14) Allyl chloride	4.472	41	204176	50.674	ug/l	97
15) Acrylonitrile	5.155	53	184072	245.957	ug/l	98
16) Acetone	3.948	43	229193	280.475	ug/l	99
17) Carbon Disulfide	4.192	76	302866	42.048	ug/l	99
18) Methyl Acetate	4.472	43	152911	48.209	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	343706	52.428	ug/l	100
20) Methylene Chloride	4.710	84	140277	54.062	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	122388	49.366	ug/l	98
22) Diisopropyl ether	6.112	45	421202	54.599	ug/l	96
23) Vinyl Acetate	6.058	43	1197029	262.986	ug/l	99
24) 1,1-Dichloroethane	6.009	63	234276	52.671	ug/l	100
25) 2-Butanone	6.978	43	266800	265.238	ug/l	100
26) 2,2-Dichloropropane	6.972	77	227995	54.575	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	146744	52.912	ug/l	99
28) Bromochloromethane	7.326	49	82602	45.666	ug/l	96
29) Tetrahydrofuran	7.344	42	156152	244.812	ug/l	98
30) Chloroform	7.502	83	257606	54.591	ug/l	97
31) Cyclohexane	7.783	56	174946	48.174	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	231605	54.419	ug/l	99
36) 1,1-Dichloropropene	7.911	75	174675	53.197	ug/l	99
37) Ethyl Acetate	7.070	43	114365	50.479	ug/l	99
38) Carbon Tetrachloride	7.899	117	213159	56.255	ug/l	99
39) Methylcyclohexane	9.179	83	190503	52.291	ug/l	97
40) Benzene	8.155	78	515754	52.823	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	62805	54.318	ug/l	88
42) 1,2-Dichloroethane	8.234	62	185149	53.623	ug/l	99
43) Isopropyl Acetate	8.264	43	203761	51.314	ug/l	98
44) Trichloroethene	8.935	130	138988	53.279	ug/l	99
45) 1,2-Dichloropropane	9.216	63	133415	53.796	ug/l	97
46) Dibromomethane	9.301	93	79957	52.376	ug/l	99
47) Bromodichloromethane	9.496	83	198808	55.619	ug/l	99
48) Methyl methacrylate	9.289	41	95763	51.706	ug/l	97
49) 1,4-Dioxane	9.307	88	19992	1030.636	ug/l #	48
51) 4-Methyl-2-Pentanone	10.069	43	573001	265.608	ug/l	100
52) Toluene	10.240	92	330877	54.666	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	206859	54.974	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	224941	54.790	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	111278	54.957	ug/l	96
56) Ethyl methacrylate	10.508	69	149301	53.458	ug/l	99
57) 1,3-Dichloropropane	10.788	76	186099	53.738	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	311449	249.612	ug/l	98
59) 2-Hexanone	10.831	43	414238	265.854	ug/l	100
60) Dibromochloromethane	10.983	129	144291	55.677	ug/l	99
61) 1,2-Dibromoethane	11.087	107	107238	53.663	ug/l	98
64) Tetrachloroethene	10.715	164	125322	52.466	ug/l	95
65) Chlorobenzene	11.514	112	362005	53.761	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	145729	55.023	ug/l	99
67) Ethyl Benzene	11.593	91	651434	55.269	ug/l	99
68) m/p-Xylenes	11.703	106	504173	111.209	ug/l	99
69) o-Xylene	12.026	106	238853	55.726	ug/l	98
70) Styrene	12.044	104	417067	57.012	ug/l	99
71) Bromoform	12.203	173	99212	54.698	ug/l #	99
73) Isopropylbenzene	12.331	105	639019	55.438	ug/l	100
74) N-amyl acetate	12.142	43	194501	53.248	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	132185	51.321	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	178567	90.077	ug/l #	100
77) Bromobenzene	12.605	156	161796	53.405	ug/l	96
78) n-propylbenzene	12.672	91	778615	55.303	ug/l	99
79) 2-Chlorotoluene	12.758	91	440663	54.396	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	545948	55.315	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	47172	51.437	ug/l	97
82) 4-Chlorotoluene	12.855	91	465798	54.259	ug/l	99
83) tert-Butylbenzene	13.075	119	470504	56.097	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	549563	56.251	ug/l	100
85) sec-Butylbenzene	13.251	105	682946	56.007	ug/l	100
86) p-Isopropyltoluene	13.367	119	587781	56.322	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	315252	54.501	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	313536	53.798	ug/l	99
89) n-Butylbenzene	13.696	91	545912	56.399	ug/l	99
90) Hexachloroethane	13.959	117	113684	54.668	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	283627	54.594	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23773	48.469	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	182521	55.460	ug/l	98
94) Hexachlorobutadiene	15.111	225	109085	57.412	ug/l	98
95) Naphthalene	15.239	128	359383	53.799	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	162909	54.780	ug/l	99

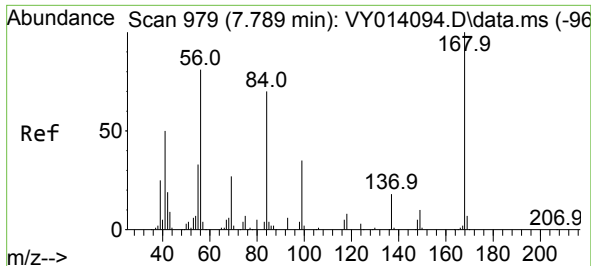
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Response via : Initial Calibration

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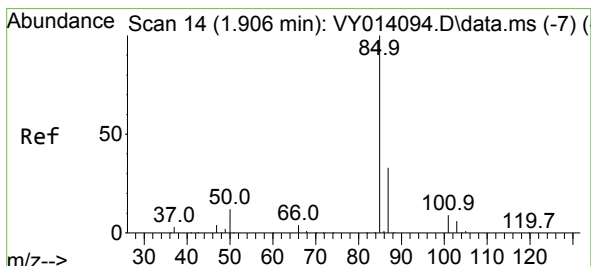
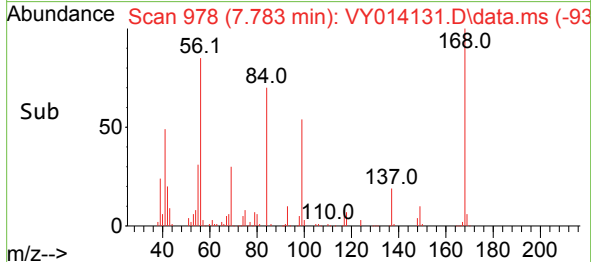
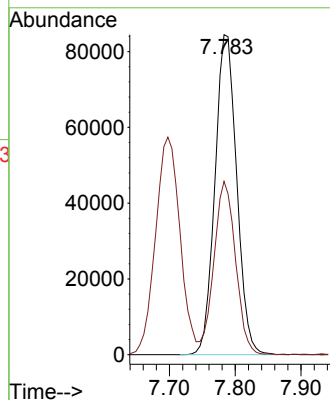
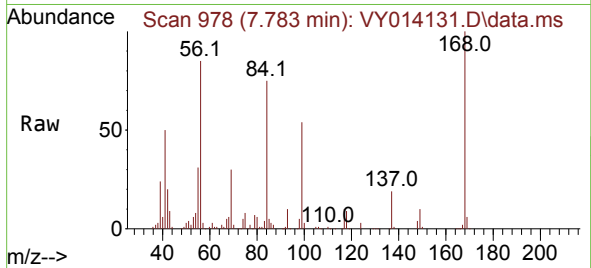
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014131.D
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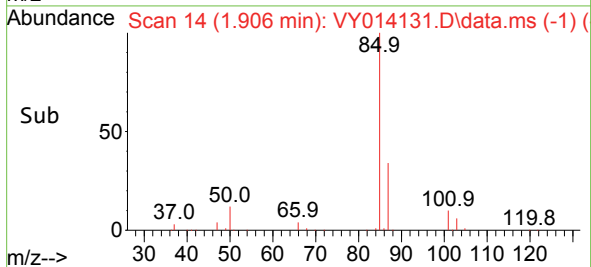
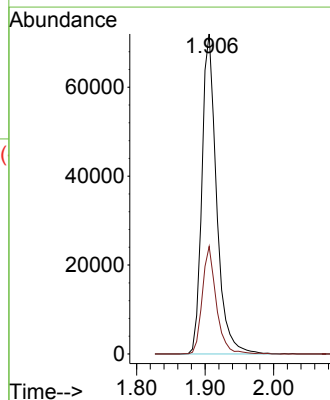
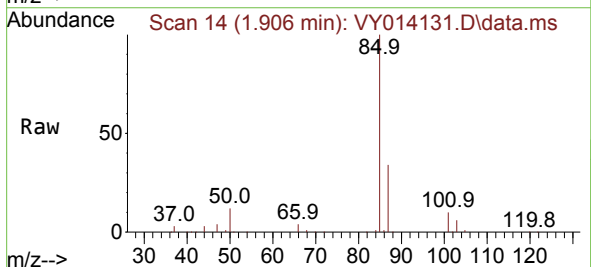
Instrument :
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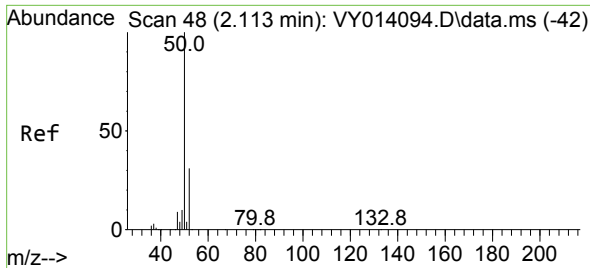
Tgt Ion:168 Resp: 194679
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 49.488 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion: 85 Resp: 107371
Ion Ratio Lower Upper
85 100
87 33.6 15.6 46.8

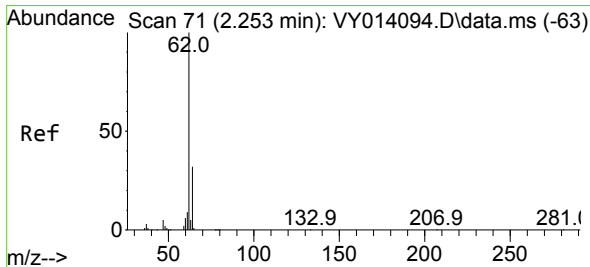
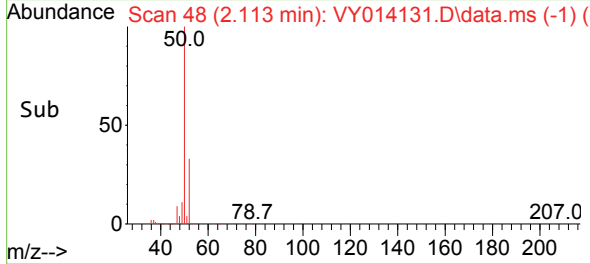
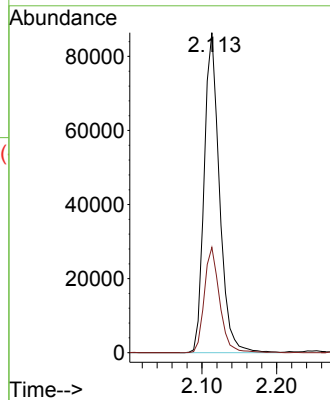
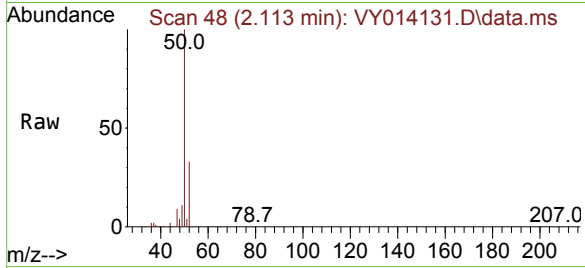




#3
Chloromethane
Concen: 44.642 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

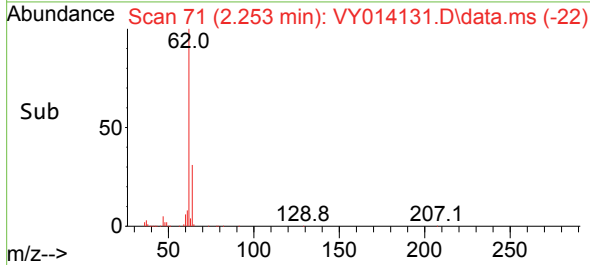
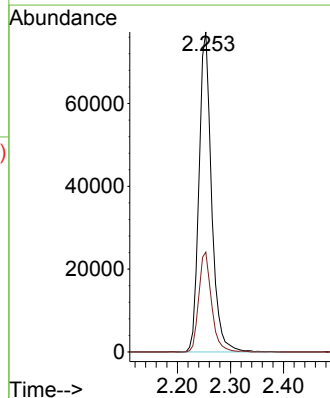
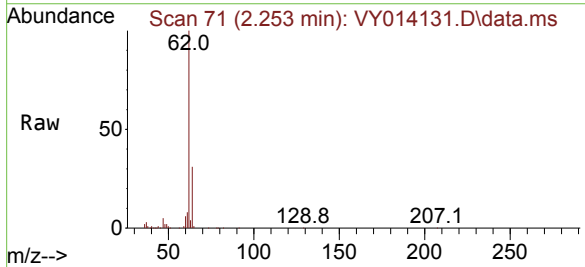
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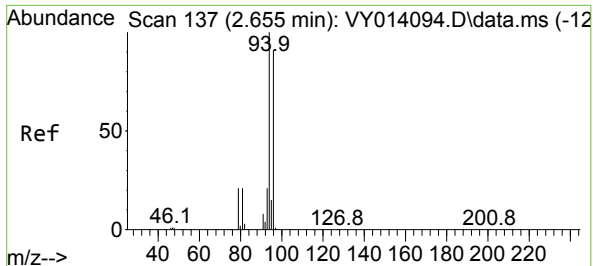
Tgt Ion: 50 Resp: 122814
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2



#4
Vinyl Chloride
Concen: 47.567 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion: 62 Resp: 127227
Ion Ratio Lower Upper
62 100
64 31.2 24.3 36.5

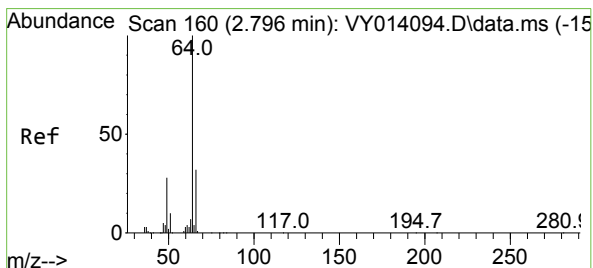
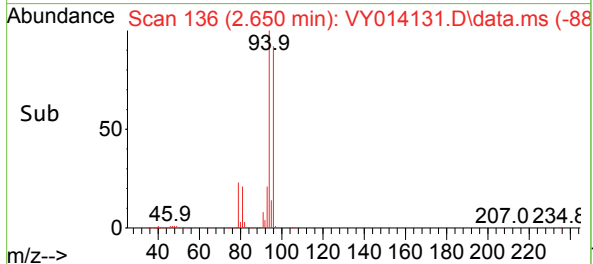
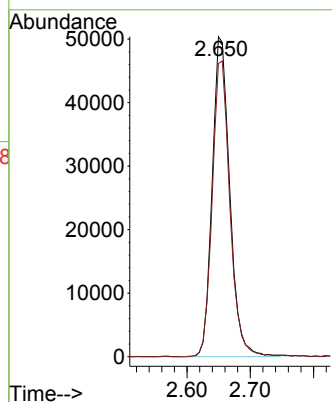
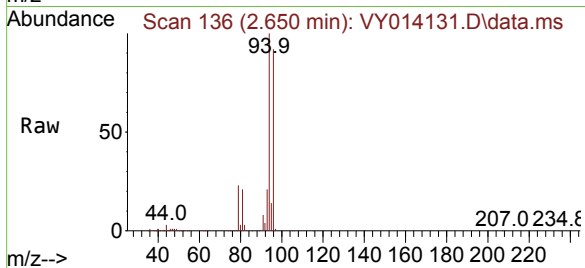




#5
Bromomethane
Concen: 43.911 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

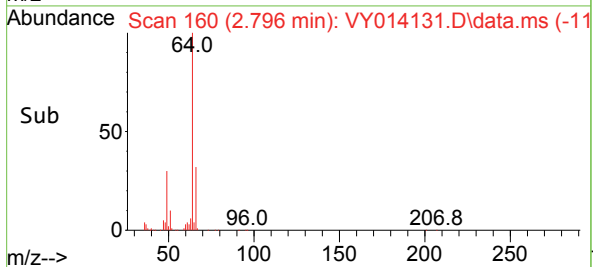
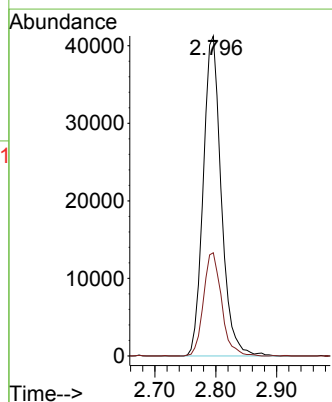
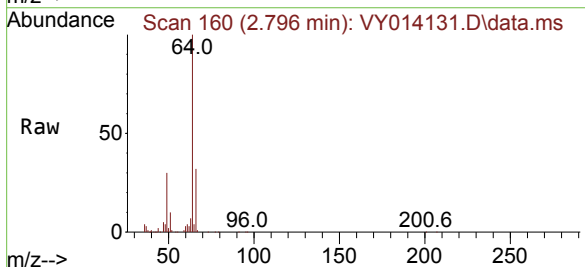
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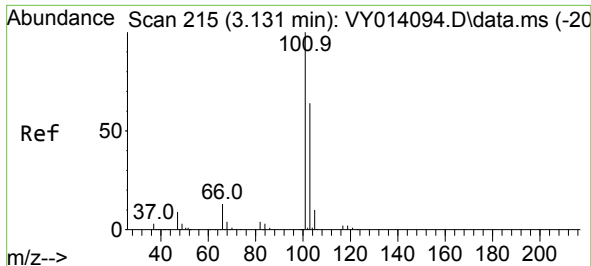
Tgt Ion: 94 Resp: 96906
Ion Ratio Lower Upper
94 100
96 91.6 75.8 113.6



#6
Chloroethane
Concen: 46.656 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion: 64 Resp: 84797
Ion Ratio Lower Upper
64 100
66 32.3 24.4 36.6

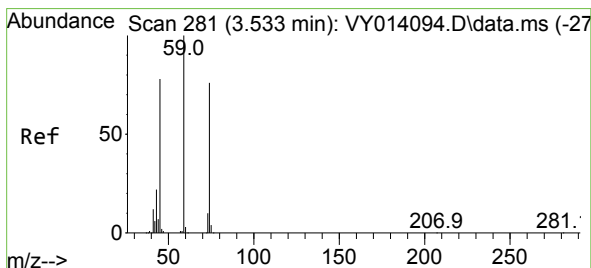
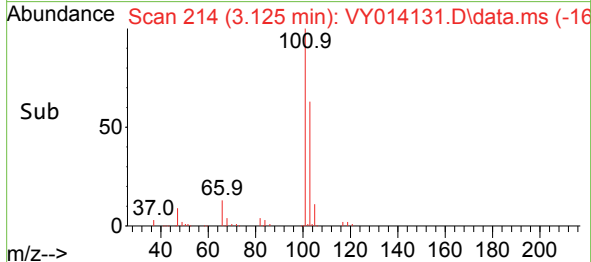
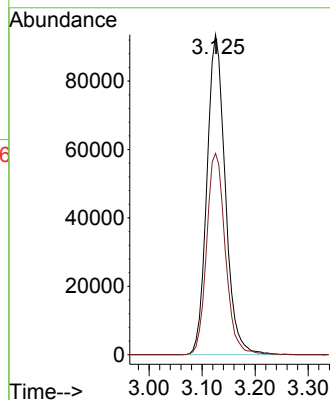
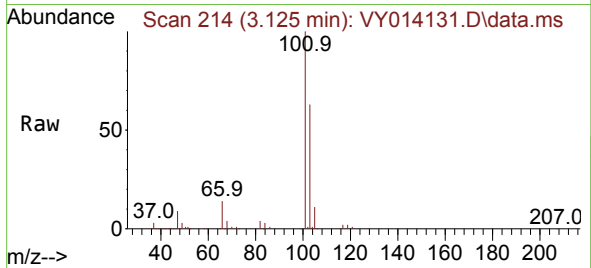




#7
Trichlorofluoromethane
Concen: 51.756 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY014131.D
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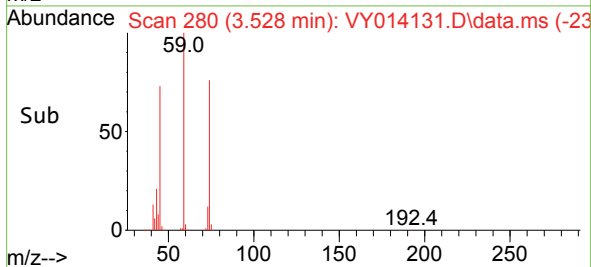
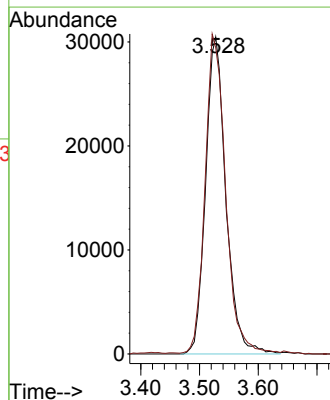
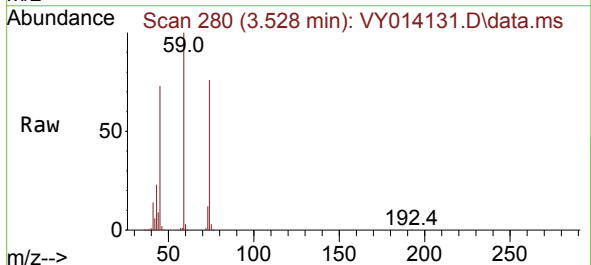
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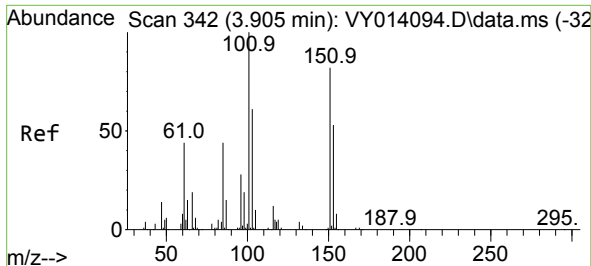
Tgt Ion:101 Resp: 224892
Ion Ratio Lower Upper
101 100
103 62.9 51.4 77.0



#8
Diethyl Ether
Concen: 50.346 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.005 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion: 74 Resp: 73048
Ion Ratio Lower Upper
74 100
45 101.6 51.5 154.5

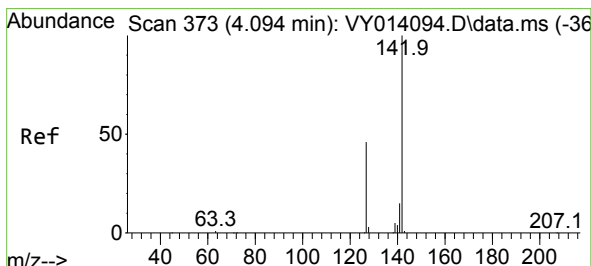
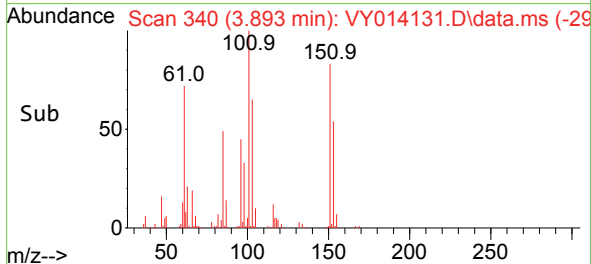
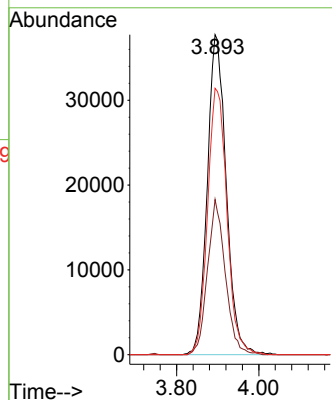
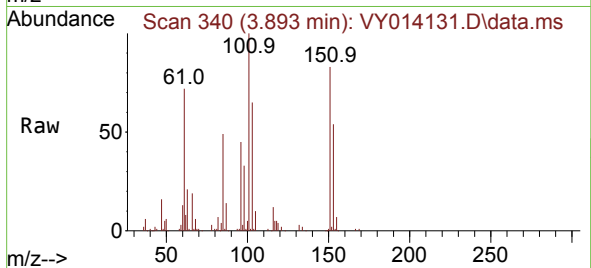




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.007 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.012 min
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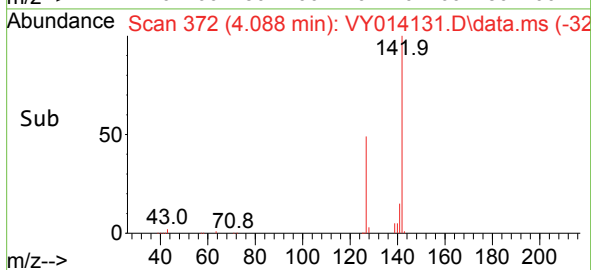
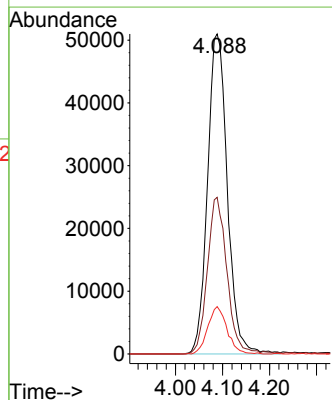
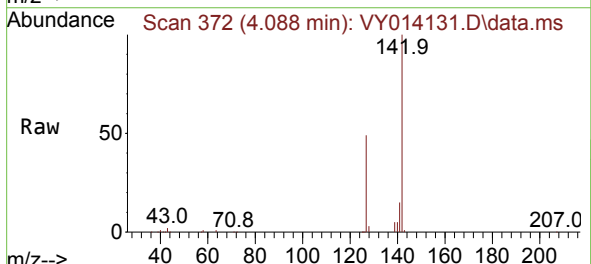
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

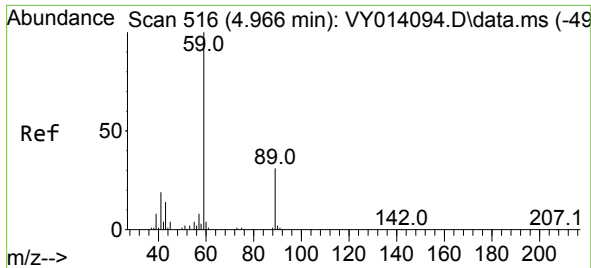
Tgt Ion:101 Resp: 120630
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 85.2 67.0 100.6



#10
Methyl Iodide
Concen: 51.465 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion:142 Resp: 149031
Ion Ratio Lower Upper
142 100
127 48.6 37.6 56.4
141 14.5 11.8 17.8

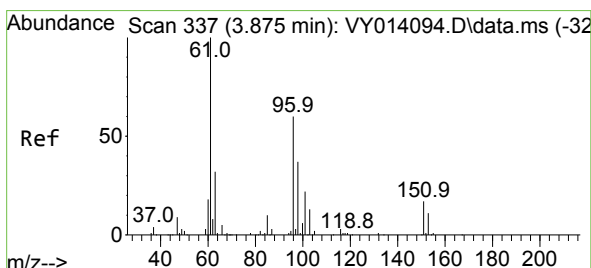
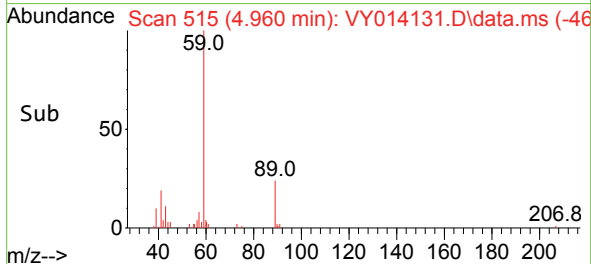
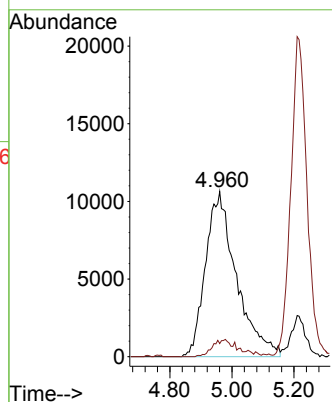
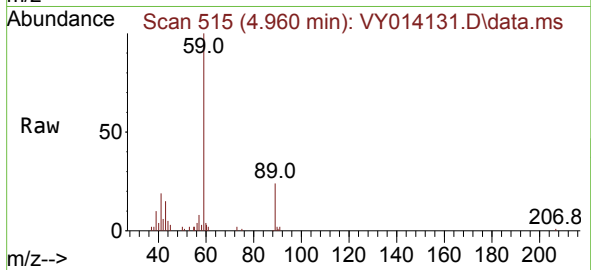




#11
Tert butyl alcohol
Concen: 232.008 ug/l
RT: 4.960 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

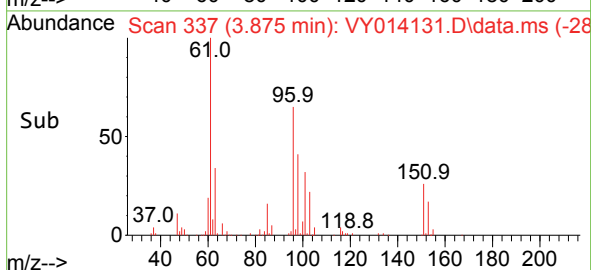
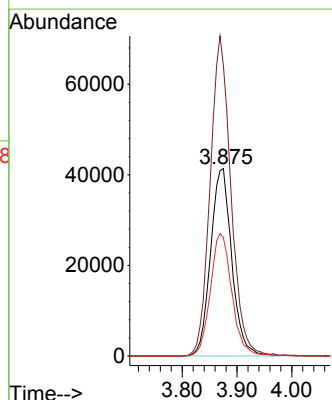
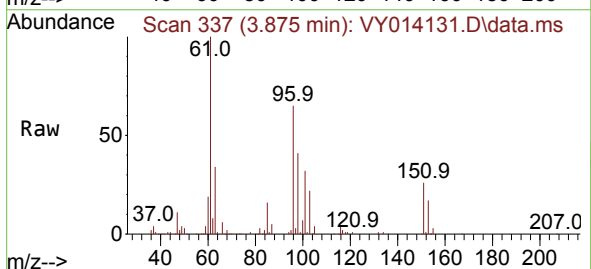
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

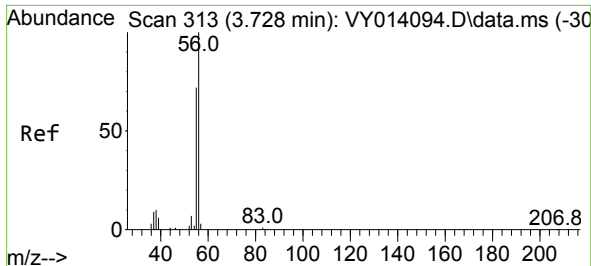
Tgt Ion: 59 Resp: 73276
Ion Ratio Lower Upper
59 100
57 7.6 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.961 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion: 96 Resp: 111052
Ion Ratio Lower Upper
96 100
61 154.9 136.4 204.6
98 63.0 49.4 74.2

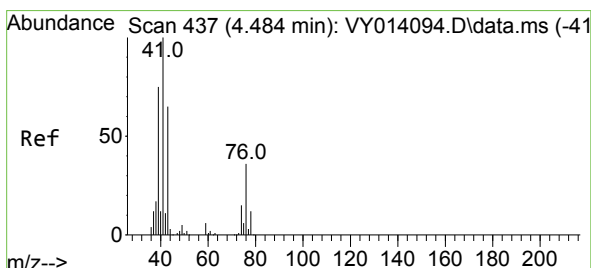
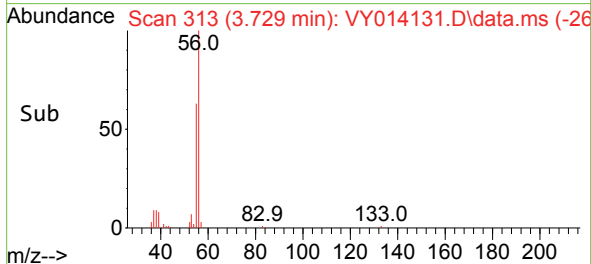
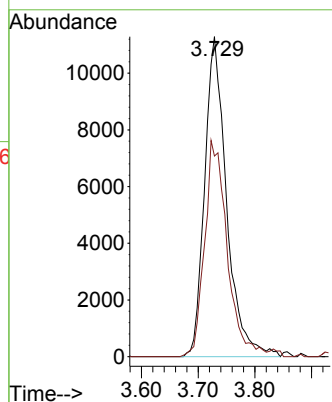
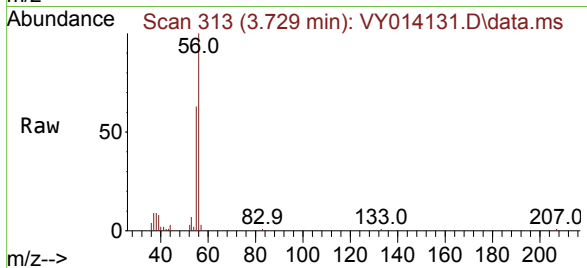




#13
Acrolein
Concen: 240.058 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.001 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

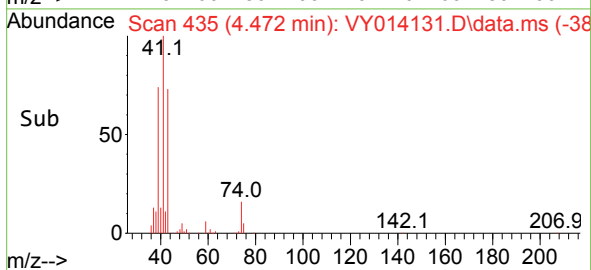
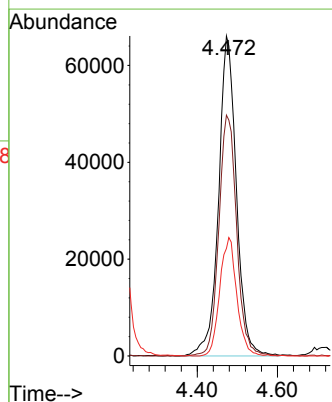
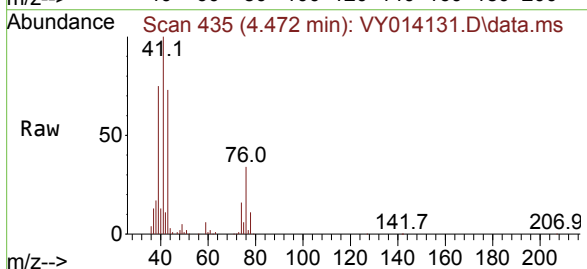
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

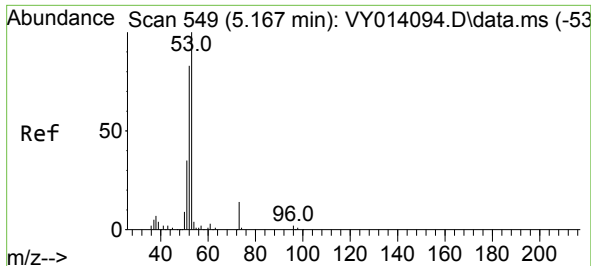
Tgt Ion: 56 Resp: 30316
Ion Ratio Lower Upper
56 100
55 69.5 57.0 85.4



#14
Allyl chloride
Concen: 50.674 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.012 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion: 41 Resp: 204176
Ion Ratio Lower Upper
41 100
39 75.1 58.0 87.0
76 35.3 27.4 41.2

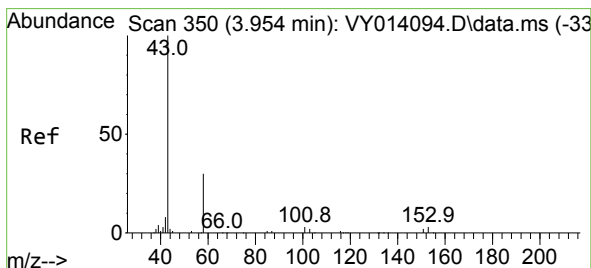
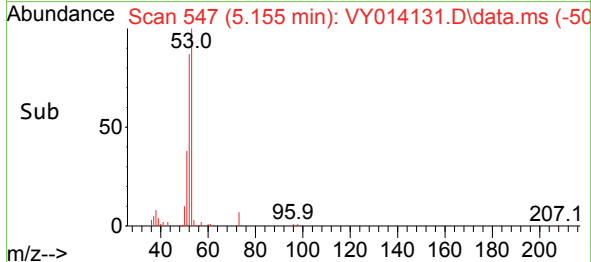
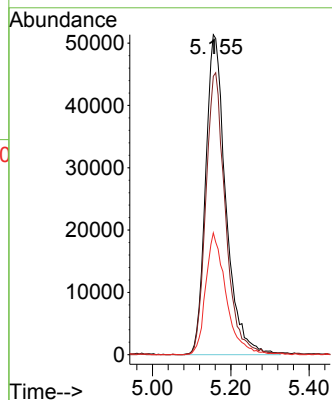
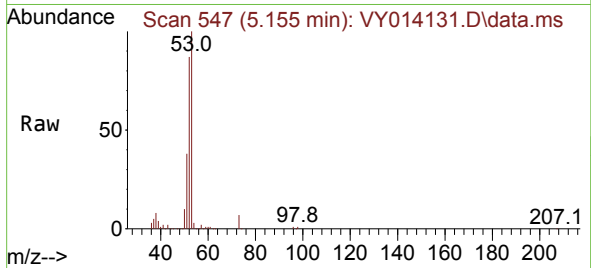




#15
Acrylonitrile
Concen: 245.957 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

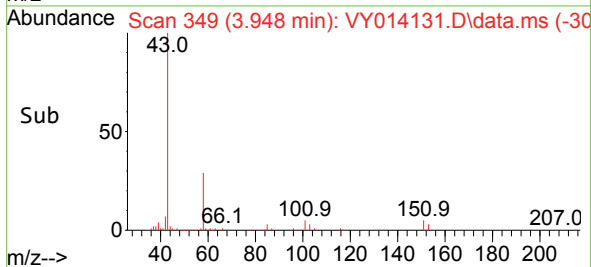
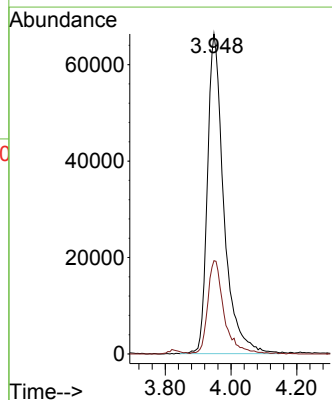
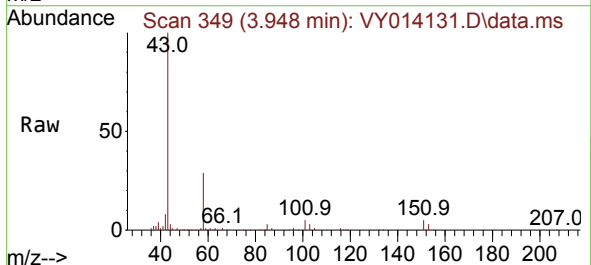
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

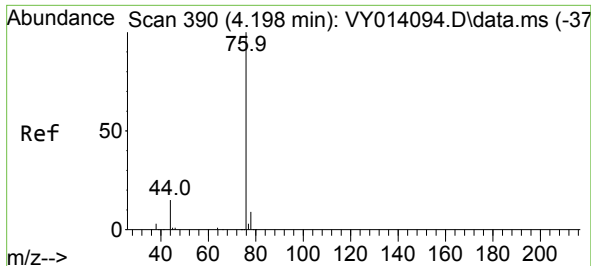
Tgt Ion: 53 Resp: 184072
Ion Ratio Lower Upper
53 100
52 85.7 66.9 100.3
51 38.3 29.8 44.6



#16
Acetone
Concen: 280.475 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion: 43 Resp: 229193
Ion Ratio Lower Upper
43 100
58 29.0 22.7 34.1

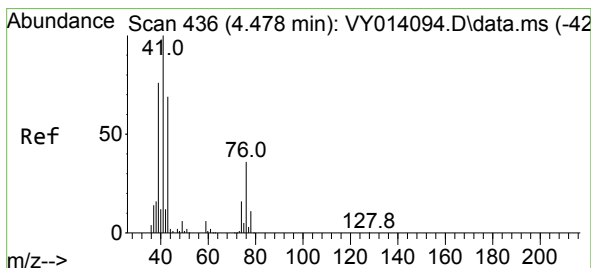
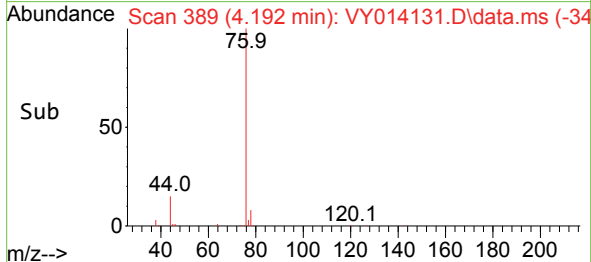
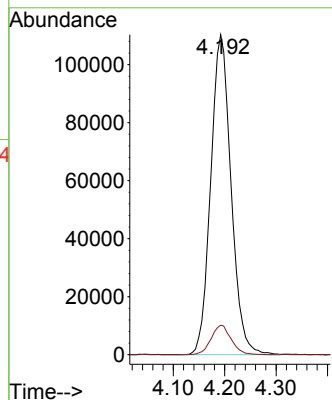
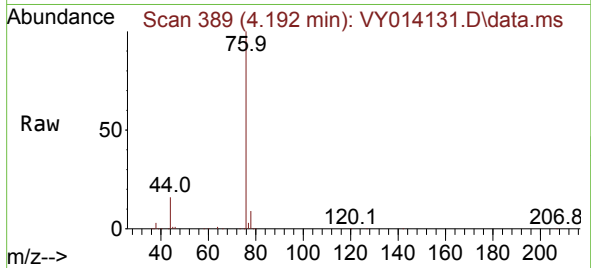




#17
Carbon Disulfide
Concen: 42.048 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

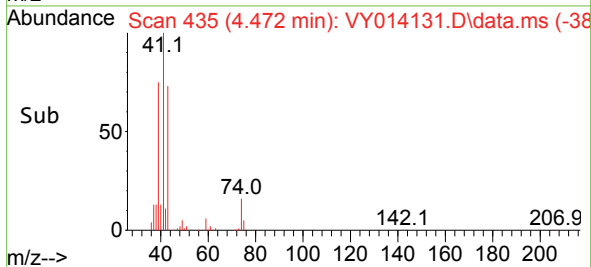
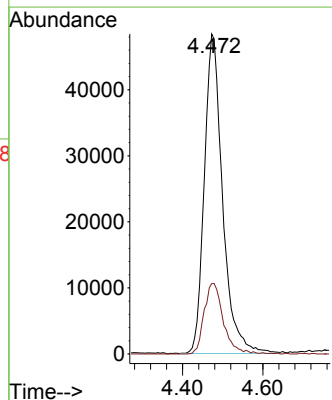
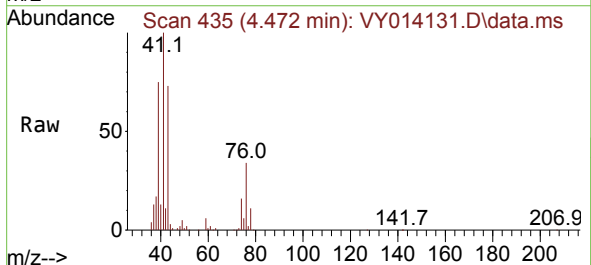
Instrument :
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ClientSampleId :
VSTDCCC050

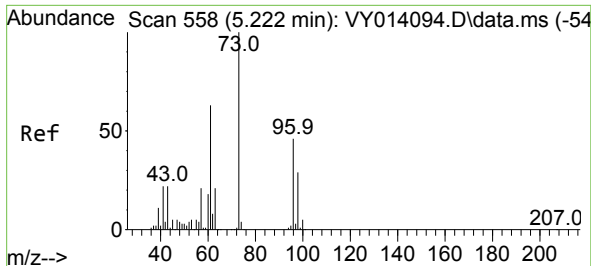
Tgt Ion: 76 Resp: 302866
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 48.209 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion: 43 Resp: 152911
Ion Ratio Lower Upper
43 100
74 23.2 17.4 26.0

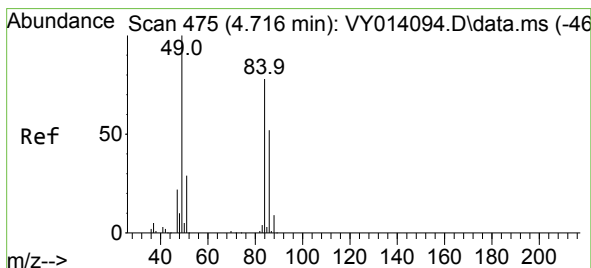
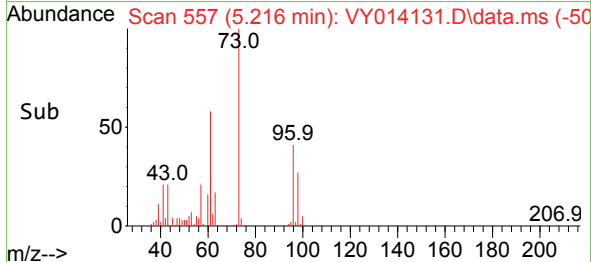
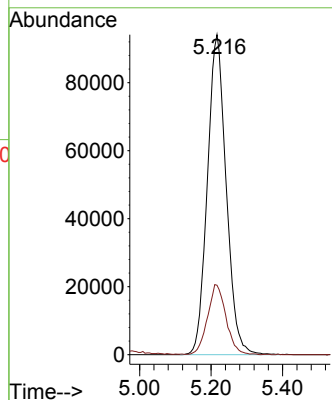
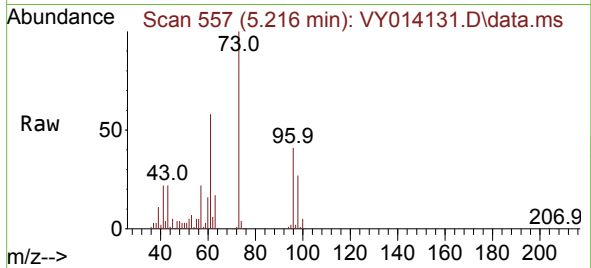




#19
Methyl tert-butyl Ether
Concen: 52.428 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

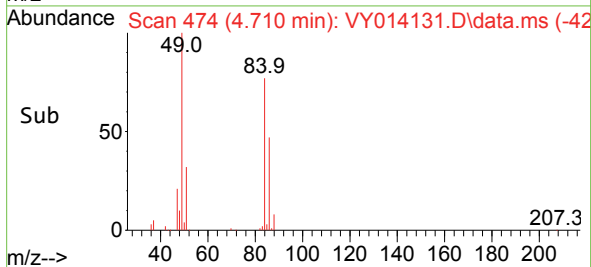
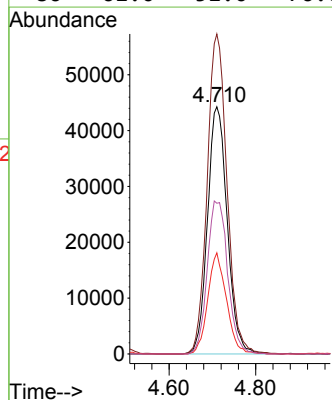
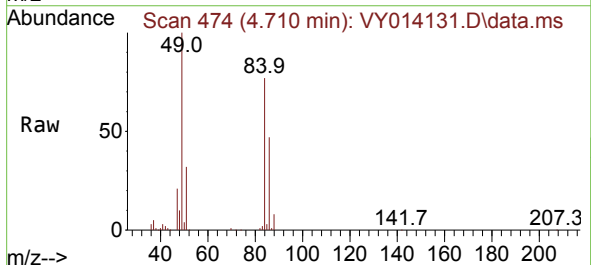
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

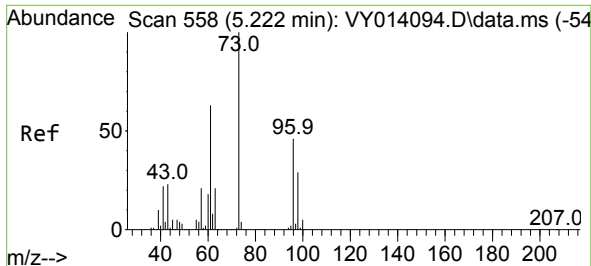
Tgt Ion: 73 Resp: 343706
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 54.062 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion: 84 Resp: 140277
Ion Ratio Lower Upper
84 100
49 129.5 106.9 160.3
51 40.9 33.2 49.8
86 61.0 51.0 76.6

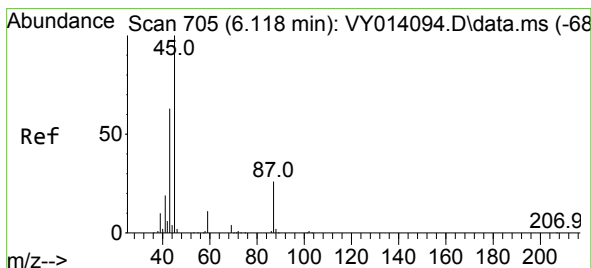
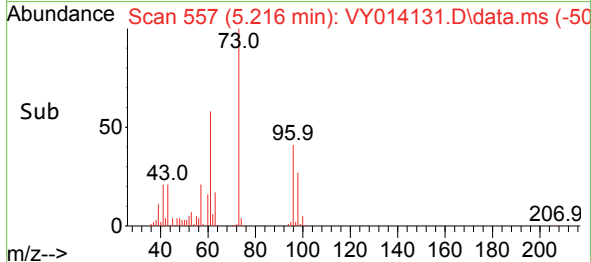
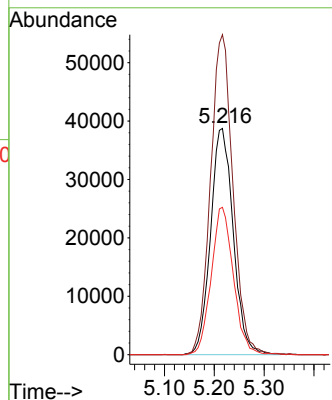
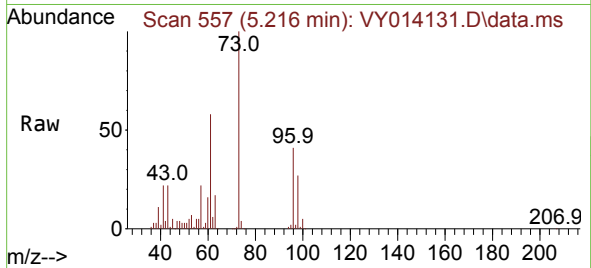




#21
trans-1,2-Dichloroethene
Concen: 49.366 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

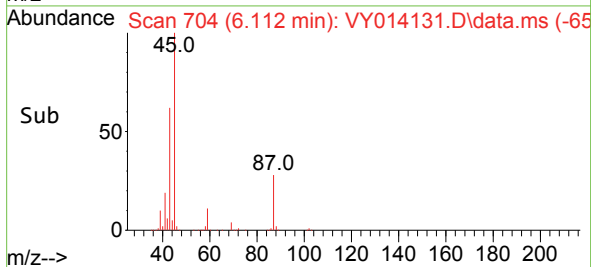
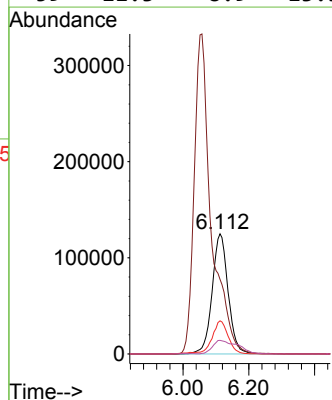
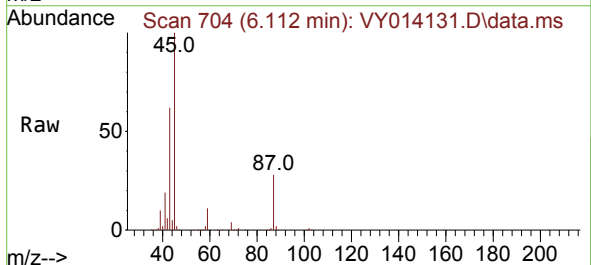
Instrument :
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ClientSampleId :
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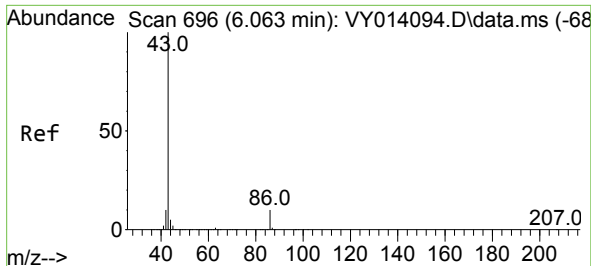
Tgt Ion: 96 Resp: 122388
Ion Ratio Lower Upper
96 100
61 141.4 110.2 165.4
98 65.1 51.8 77.6



#22
Diisopropyl ether
Concen: 54.599 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion: 45 Resp: 421202
Ion Ratio Lower Upper
45 100
43 61.7 52.2 78.4
87 27.6 21.0 31.6
59 11.3 8.9 13.3

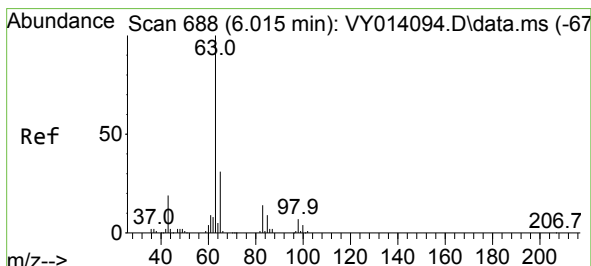
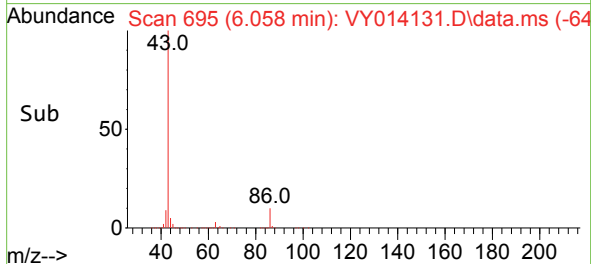
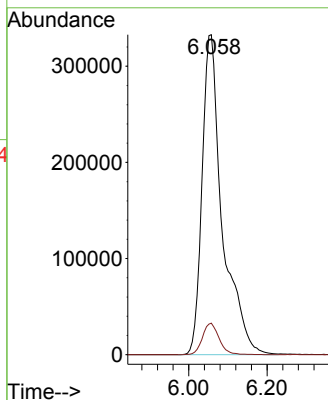
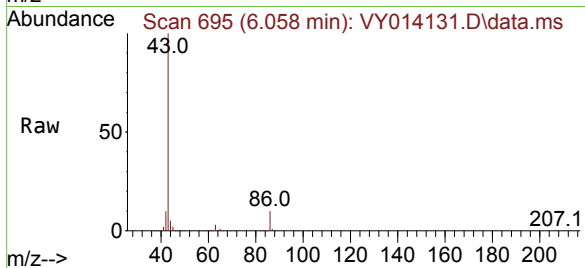




#23
 Vinyl Acetate
 Concen: 262.986 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. -0.005 min
 Lab File: VY014131.D
 Acq: 13 Jun 2023 10:56

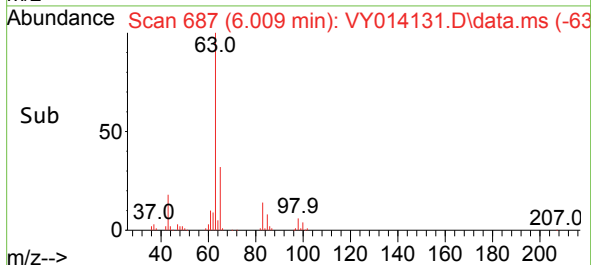
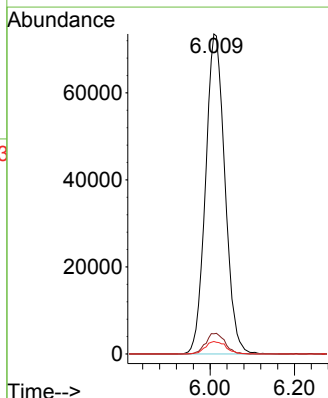
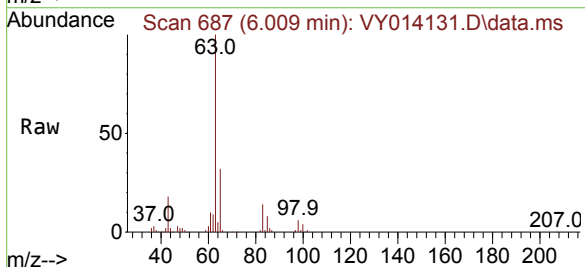
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

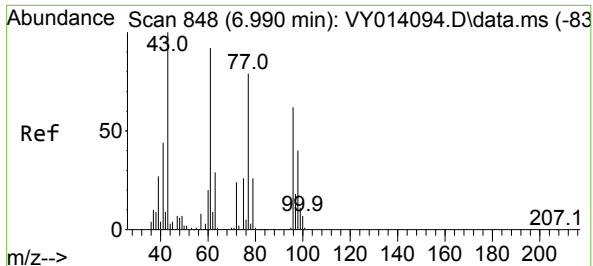
Tgt Ion: 43 Resp: 1197029
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 52.671 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY014131.D
 Acq: 13 Jun 2023 10:56

Tgt Ion: 63 Resp: 234276
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.1 9.4
 100 3.9 1.8 5.5

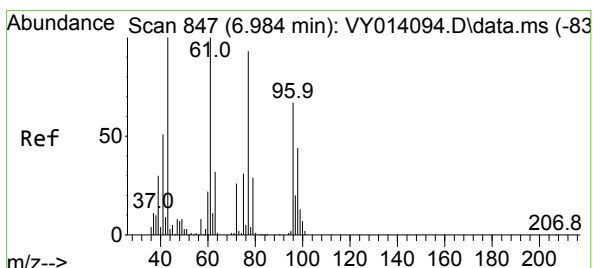
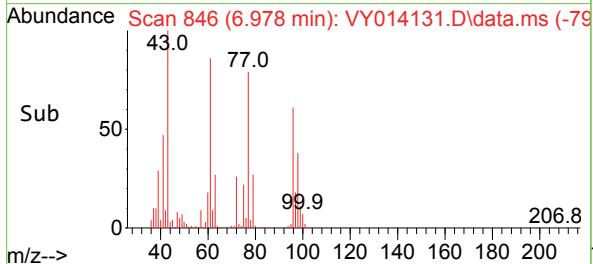
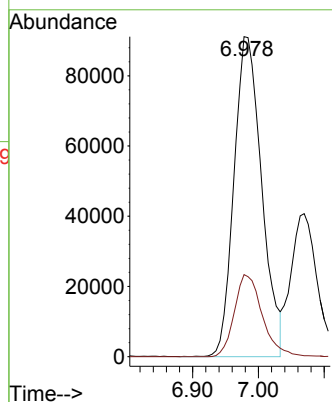
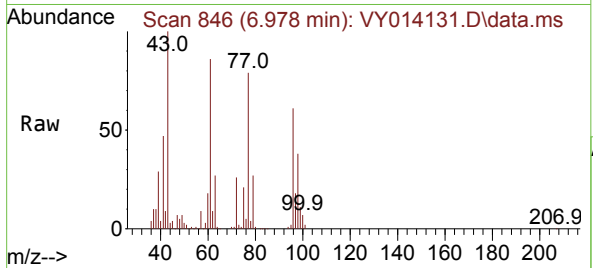




#25
2-Butanone
Concen: 265.238 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

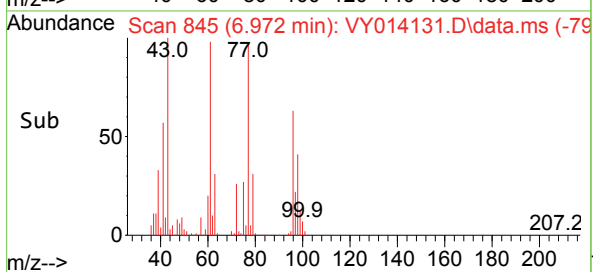
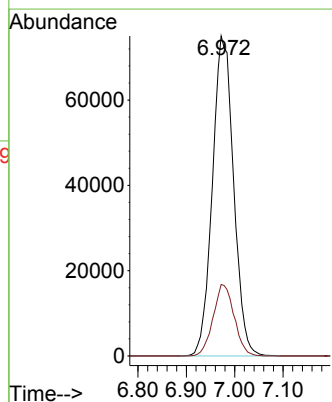
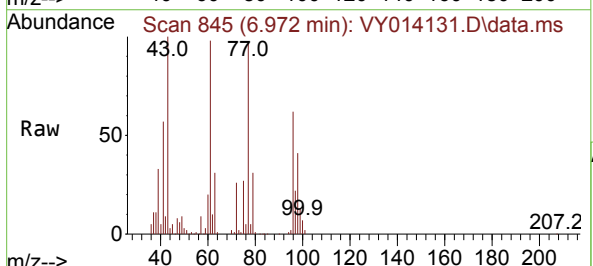
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

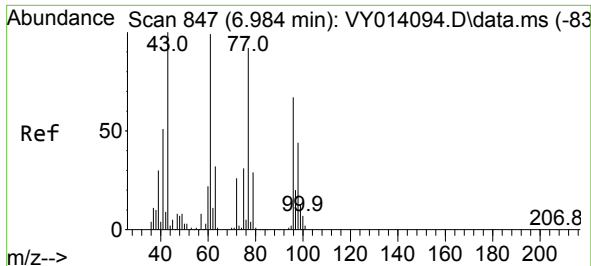
Tgt Ion: 43 Resp: 266800
Ion Ratio Lower Upper
43 100
72 25.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 54.575 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion: 77 Resp: 227995
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.912 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY014131.D

Acq: 13 Jun 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

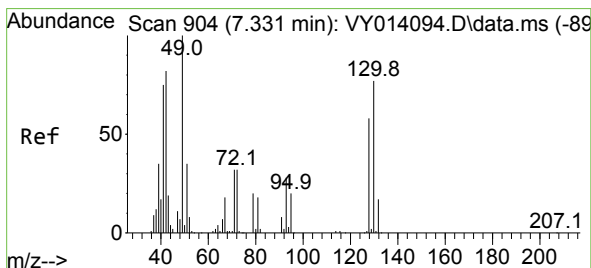
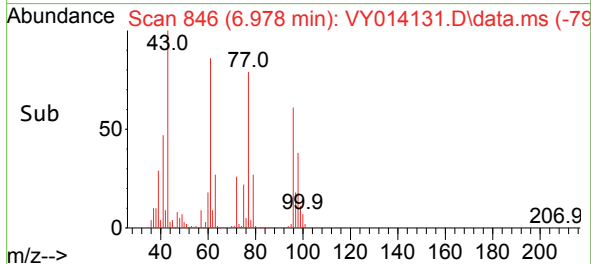
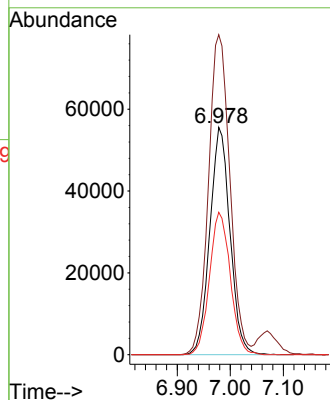
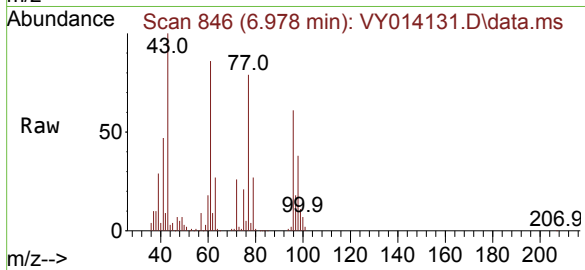
Tgt Ion: 96 Resp: 146744

Ion Ratio Lower Upper

96 100

61 149.4 0.0 301.4

98 64.6 0.0 130.4



#28

Bromochloromethane

Concen: 45.666 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.005 min

Lab File: VY014131.D

Acq: 13 Jun 2023 10:56

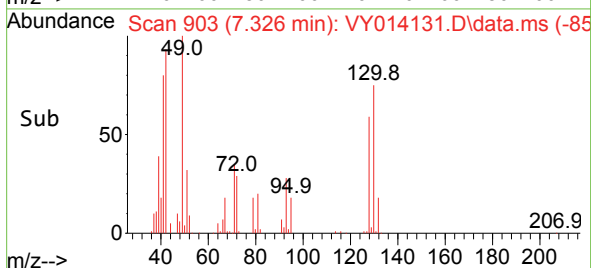
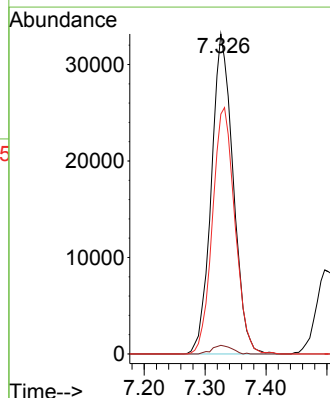
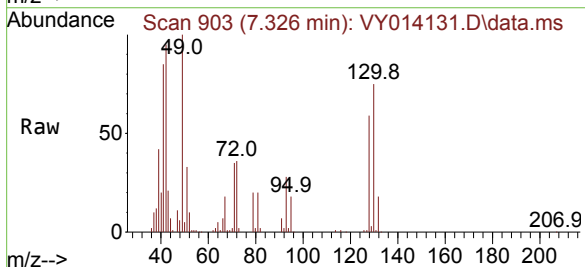
Tgt Ion: 49 Resp: 82602

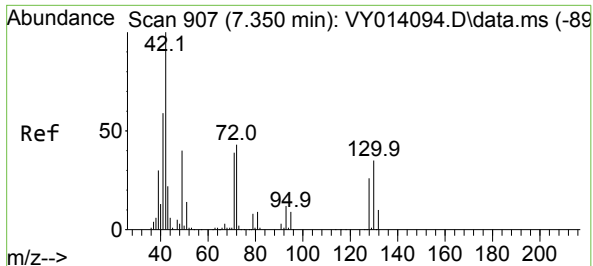
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 79.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 244.812 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY014131.D

Acq: 13 Jun 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

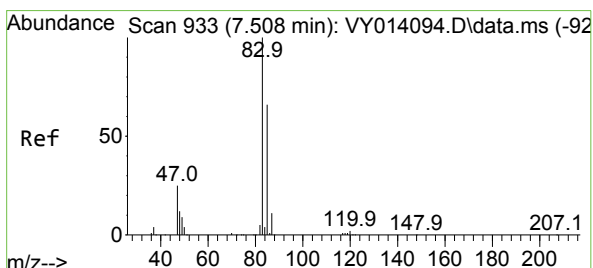
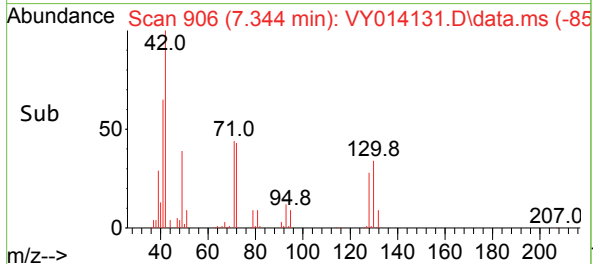
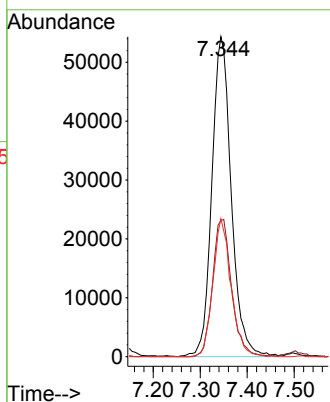
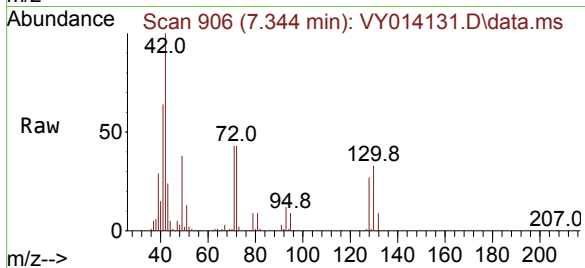
Tgt Ion: 42 Resp: 156152

Ion Ratio Lower Upper

42 100

72 42.0 32.8 49.2

71 40.3 31.0 46.4



#30

Chloroform

Concen: 54.591 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY014131.D

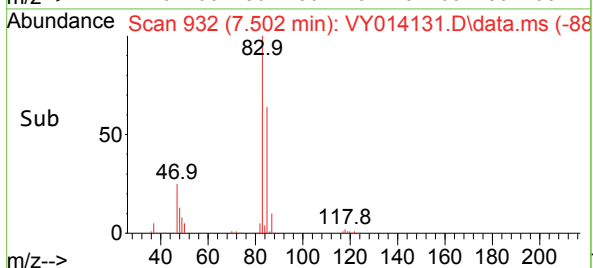
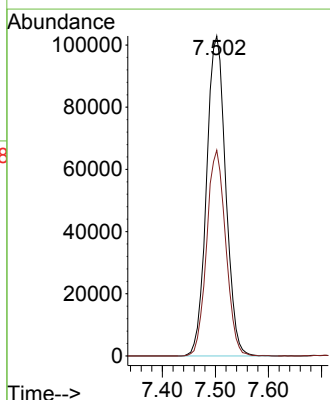
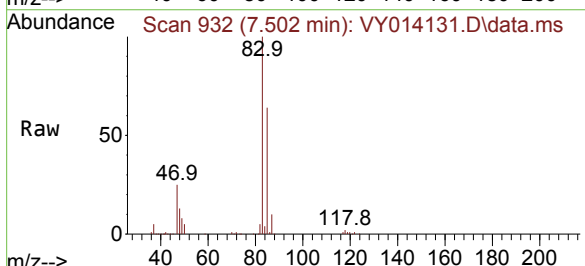
Acq: 13 Jun 2023 10:56

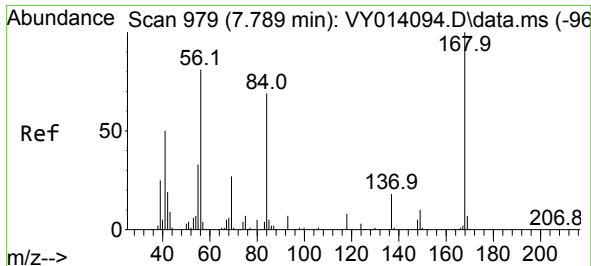
Tgt Ion: 83 Resp: 257606

Ion Ratio Lower Upper

83 100

85 64.3 49.7 74.5

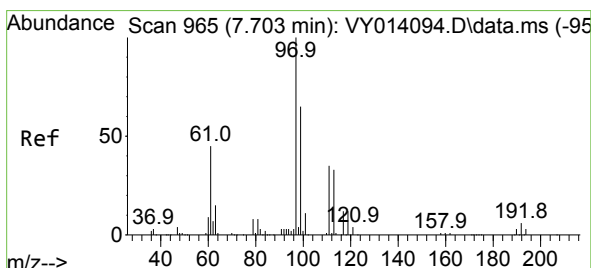
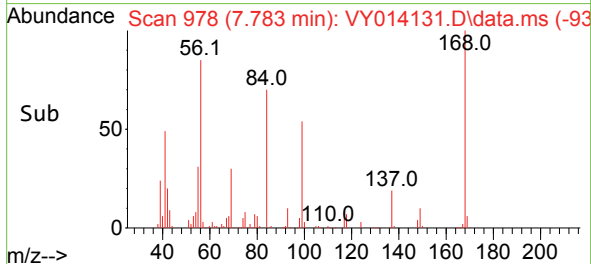
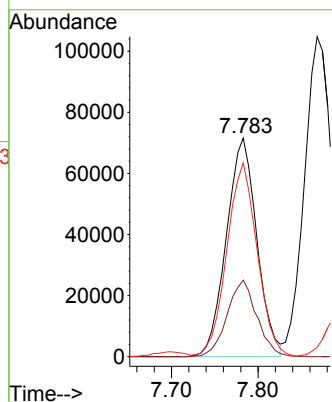
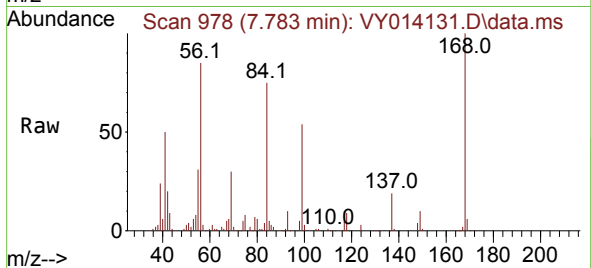




#31
Cyclohexane
Concen: 48.174 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

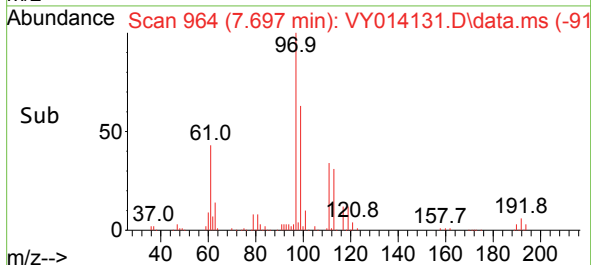
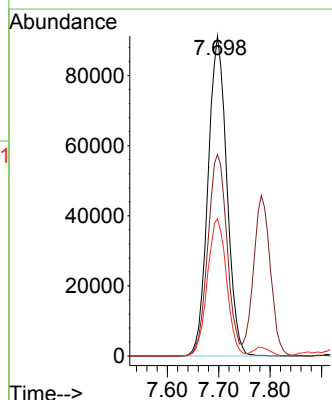
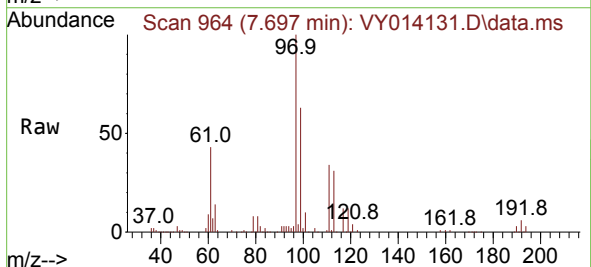
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

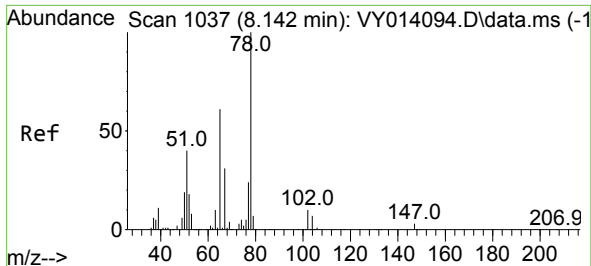
Tgt Ion: 56 Resp: 174946
Ion Ratio Lower Upper
56 100
69 35.0 27.8 41.6
84 86.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 54.419 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion: 97 Resp: 231605
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 44.0 35.1 52.7

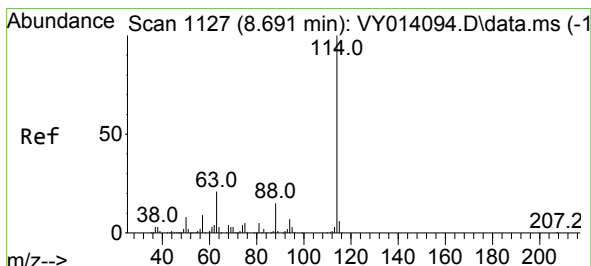
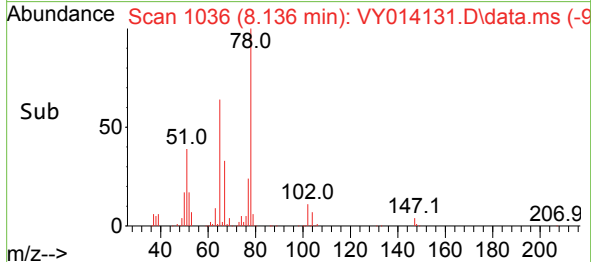
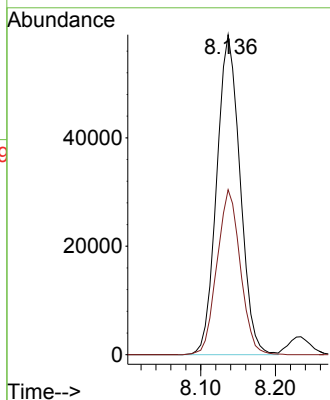
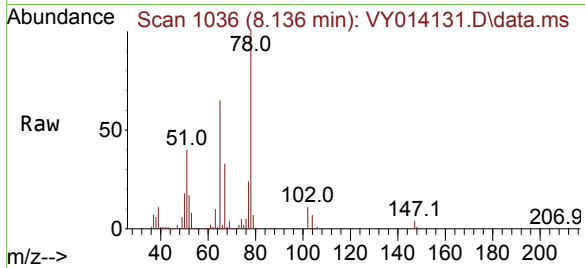




#33
1,2-Dichloroethane-d4
Concen: 47.384 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

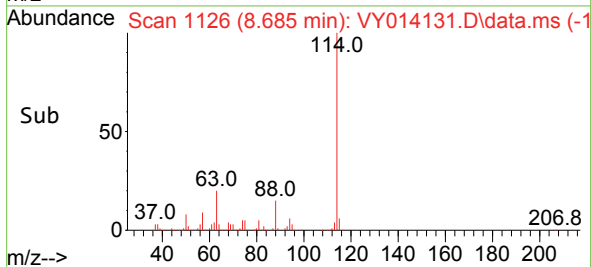
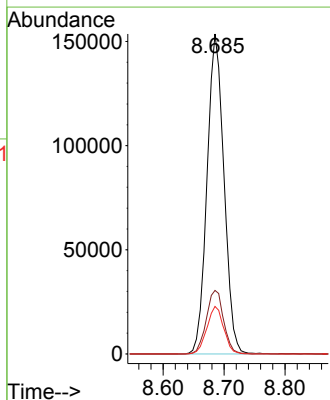
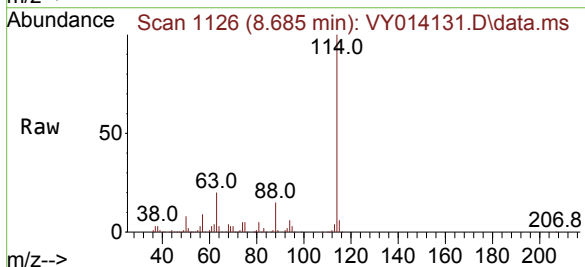
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

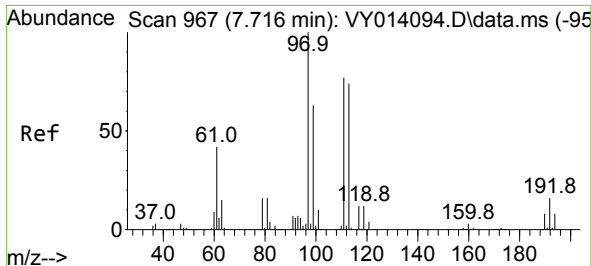
Tgt Ion: 65 Resp: 128455
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion: 114 Resp: 296986
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.4
88 14.9 0.0 30.6

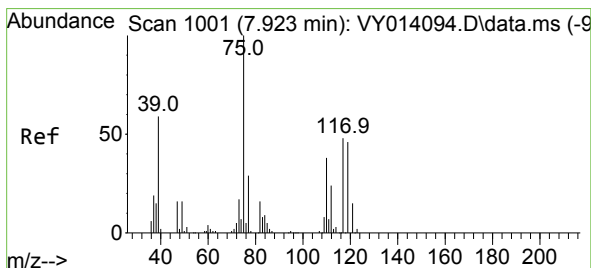
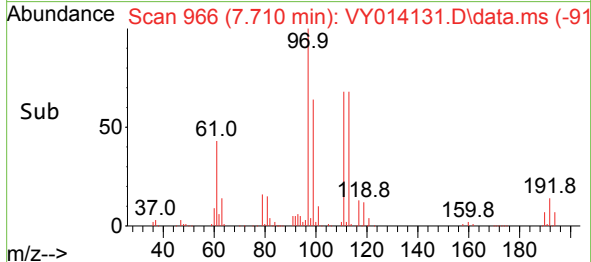
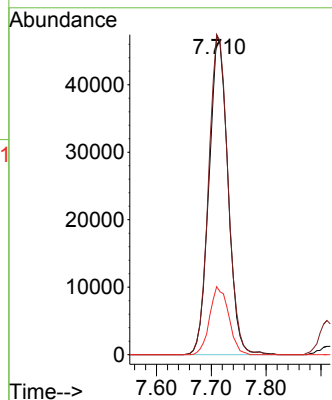
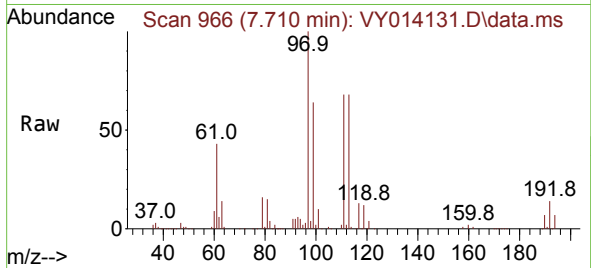




#35
Dibromofluoromethane
Concen: 53.663 ug/l
RT: 7.710 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

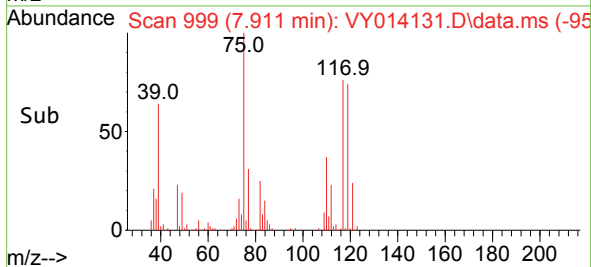
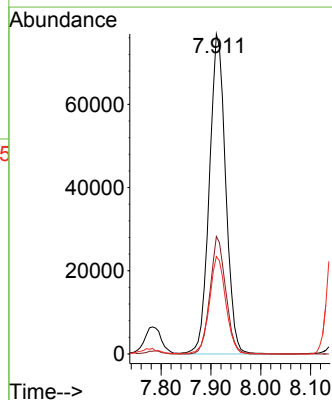
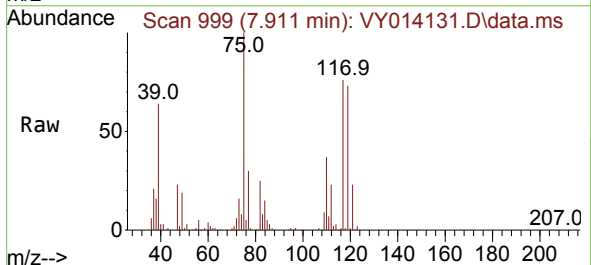
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

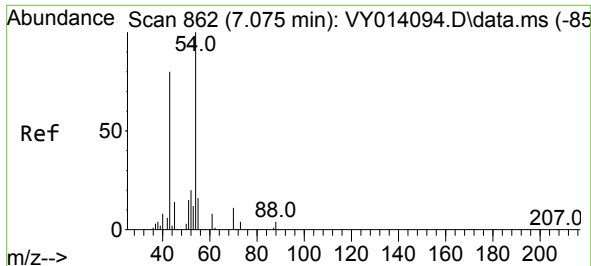
Tgt Ion:113 Resp: 113022
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 21.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 53.197 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion: 75 Resp: 174675
Ion Ratio Lower Upper
75 100
110 35.3 17.8 53.5
77 30.8 24.4 36.6

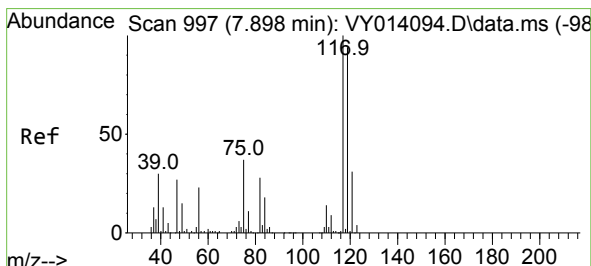
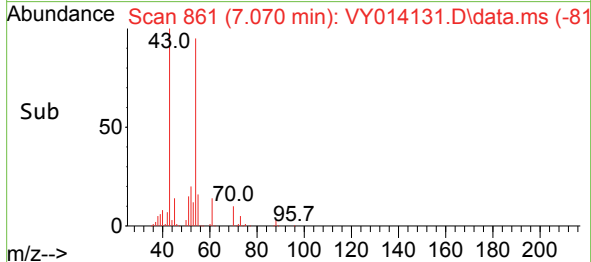
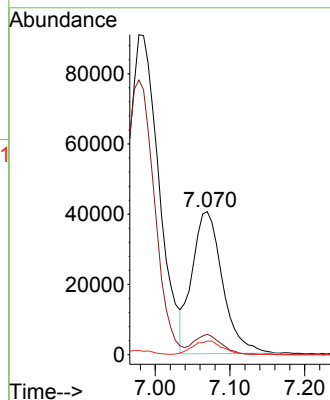
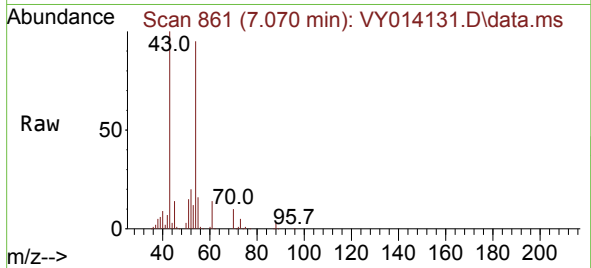




#37
Ethyl Acetate
Concen: 50.479 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.005 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

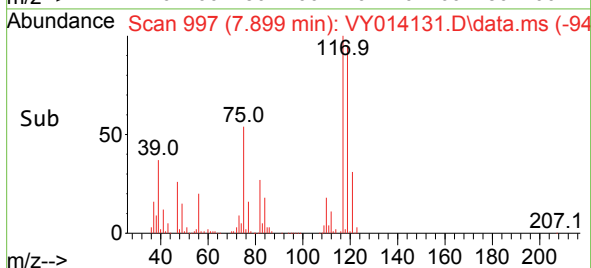
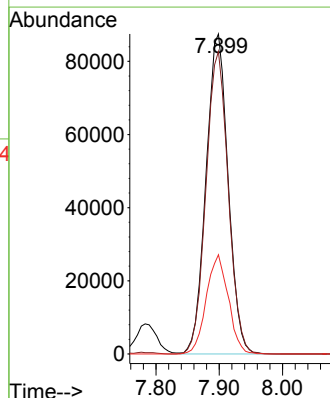
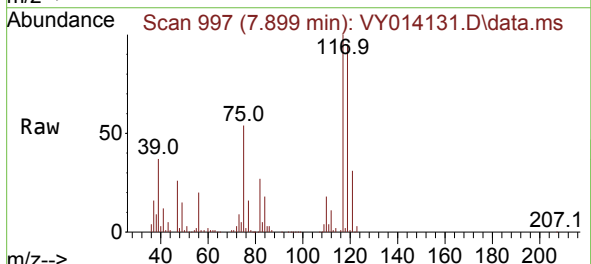
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

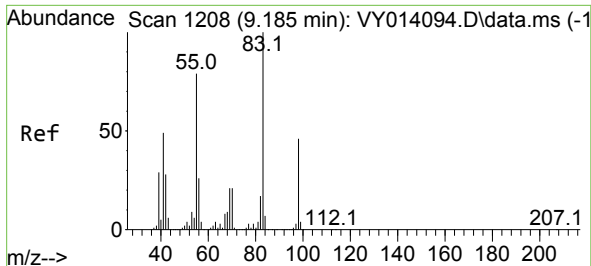
Tgt Ion: 43 Resp: 114365
Ion Ratio Lower Upper
43 100
61 12.6 10.1 15.1
70 9.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 56.255 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.001 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion: 117 Resp: 213159
Ion Ratio Lower Upper
117 100
119 94.6 76.4 114.6
121 31.0 25.8 38.6





#39

Methylcyclohexane

Concen: 52.291 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014131.D

Acq: 13 Jun 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

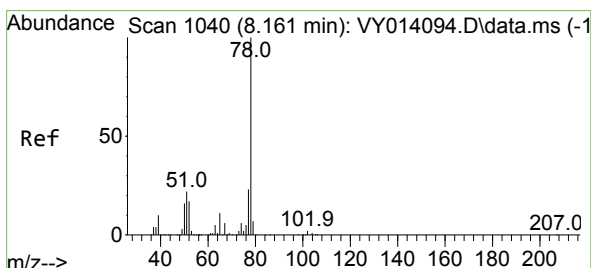
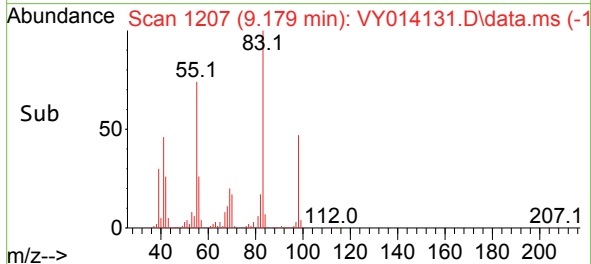
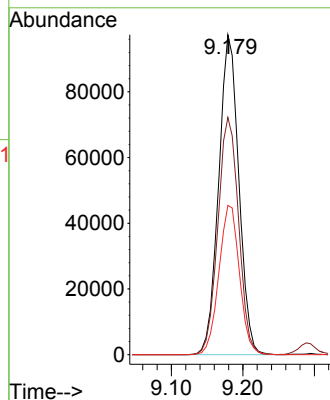
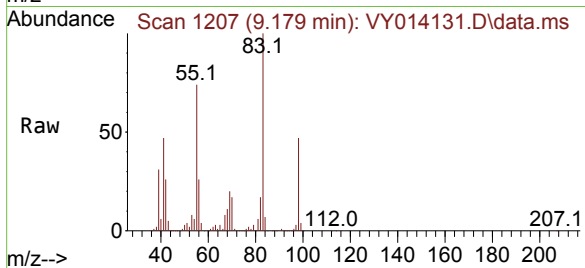
Tgt Ion: 83 Resp: 190503

Ion Ratio Lower Upper

83 100

55 74.1 63.0 94.4

98 46.7 37.4 56.2



#40

Benzene

Concen: 52.823 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY014131.D

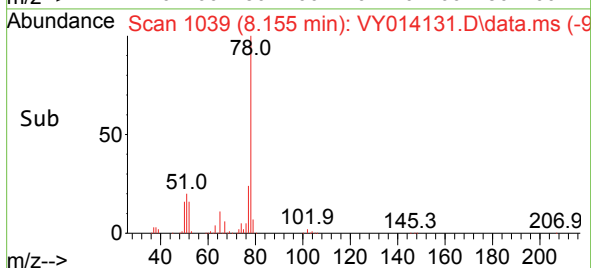
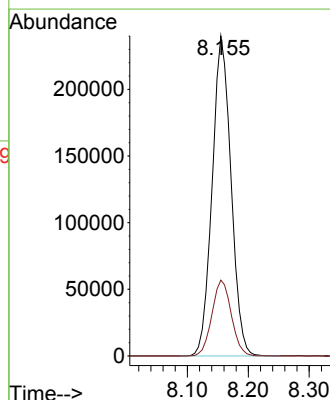
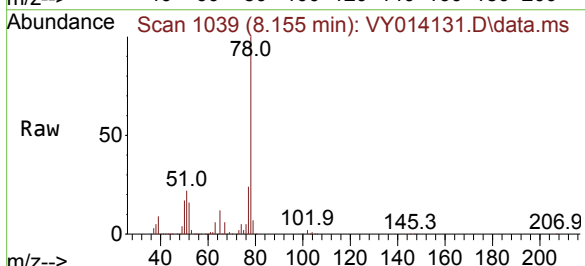
Acq: 13 Jun 2023 10:56

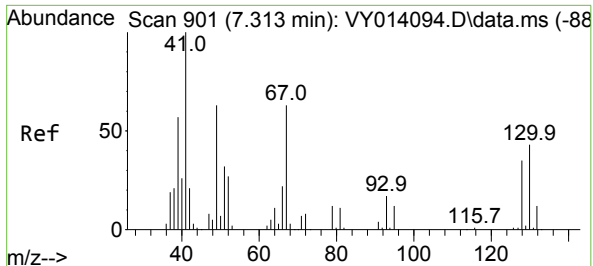
Tgt Ion: 78 Resp: 515754

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6



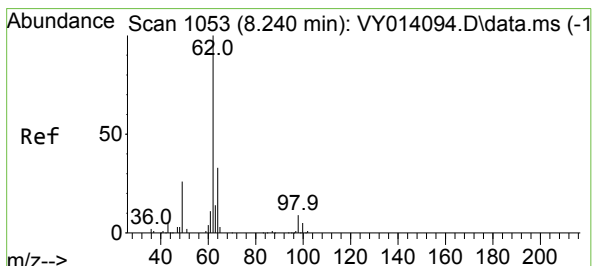
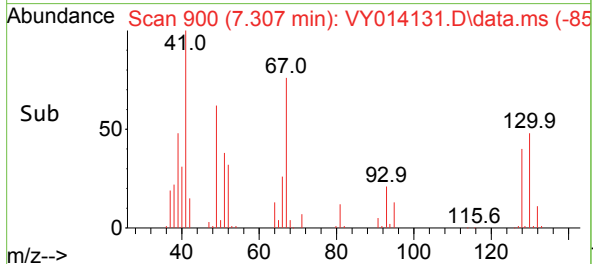
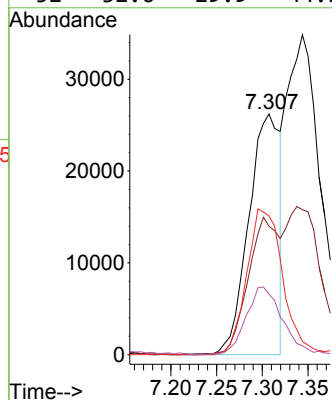
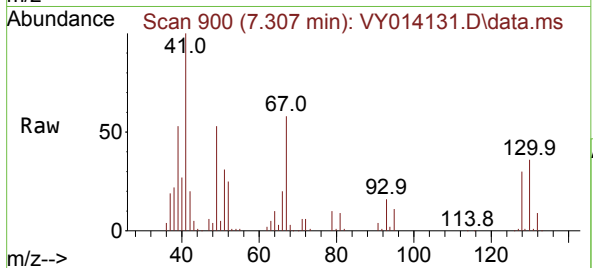


#41
Methacrylonitrile
Concen: 54.318 ug/l
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 62805

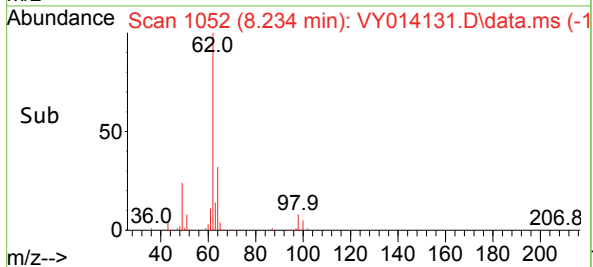
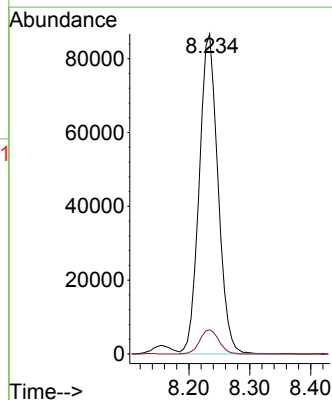
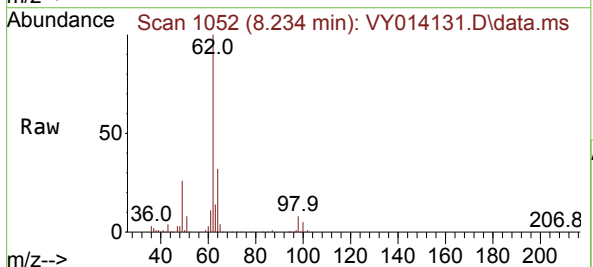
Ion	Ratio	Lower	Upper
41	100		
39	56.0	52.1	78.1
67	69.6	66.2	99.2
52	32.6	29.9	44.9

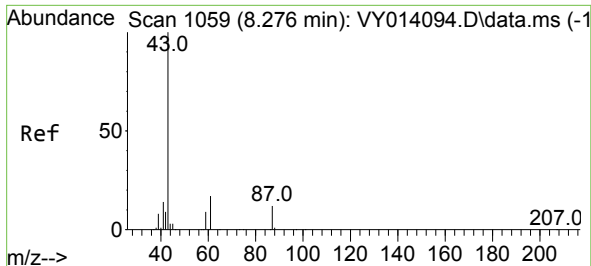


#42
1,2-Dichloroethane
Concen: 53.623 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion: 62 Resp: 185149

Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.8

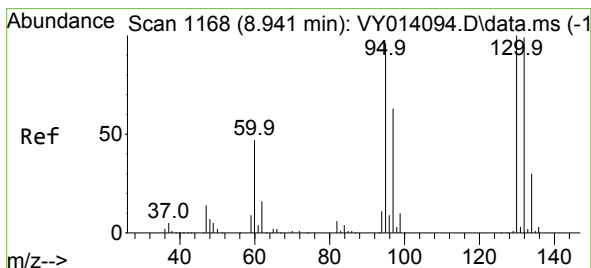
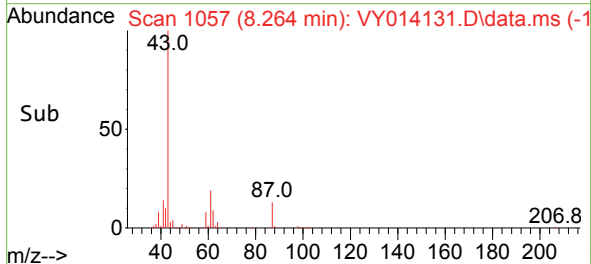
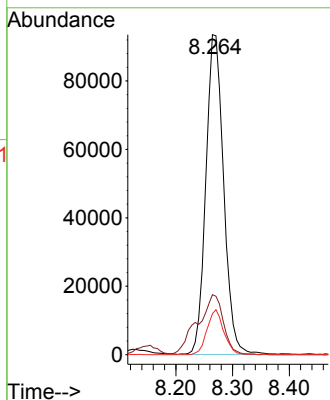
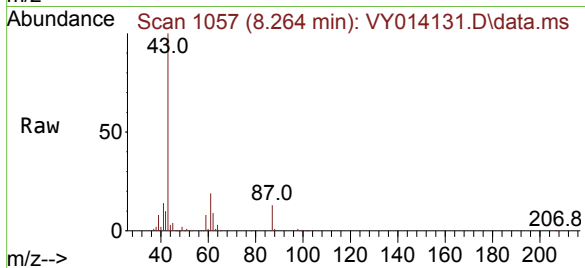




#43
Isopropyl Acetate
Concen: 51.314 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.012 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

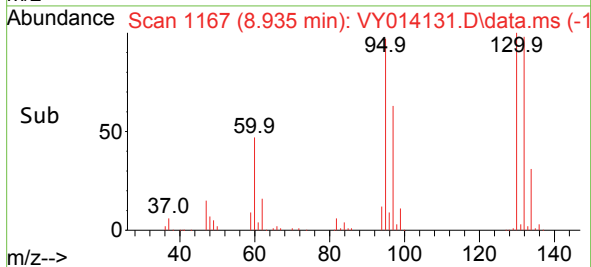
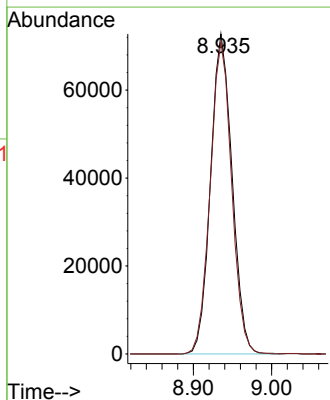
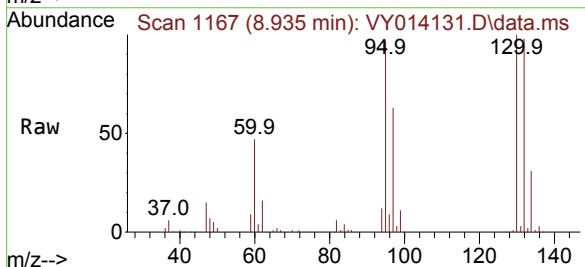
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

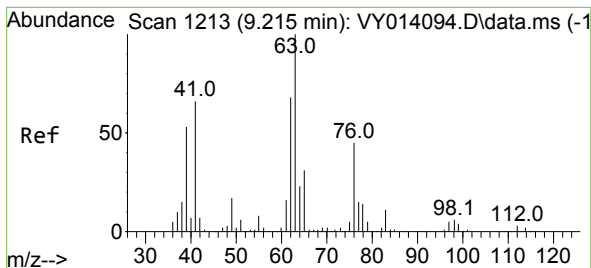
Tgt Ion: 43 Resp: 203761
Ion Ratio Lower Upper
43 100
61 27.1 21.1 31.7
87 13.3 9.8 14.8



#44
Trichloroethene
Concen: 53.279 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion:130 Resp: 138988
Ion Ratio Lower Upper
130 100
95 97.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 53.796 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014131.D

Acq: 13 Jun 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

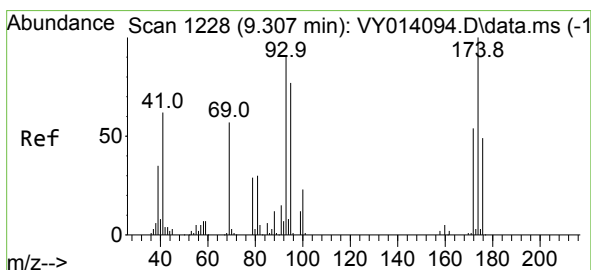
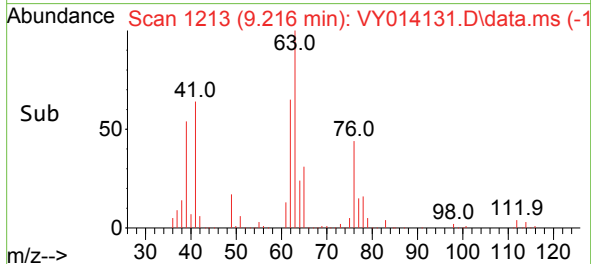
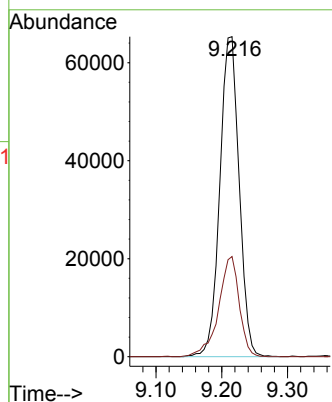
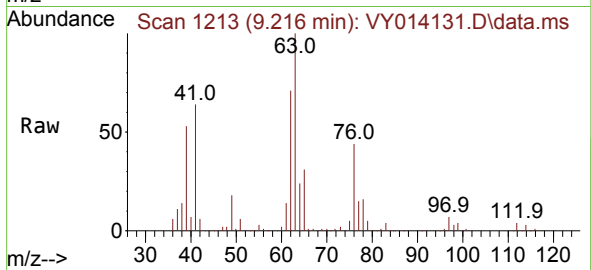
VSTDCCC050

Tgt Ion: 63 Resp: 133415

Ion Ratio Lower Upper

63 100

65 31.3 23.8 35.6



#46

Dibromomethane

Concen: 52.376 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY014131.D

Acq: 13 Jun 2023 10:56

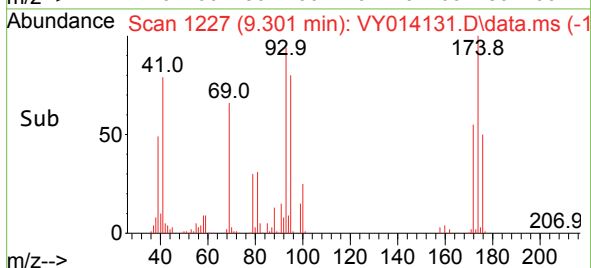
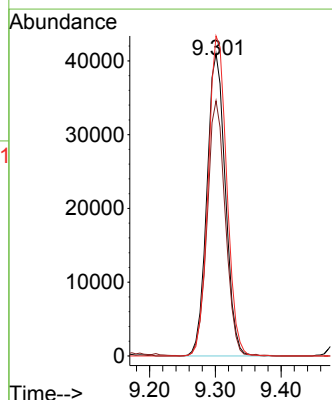
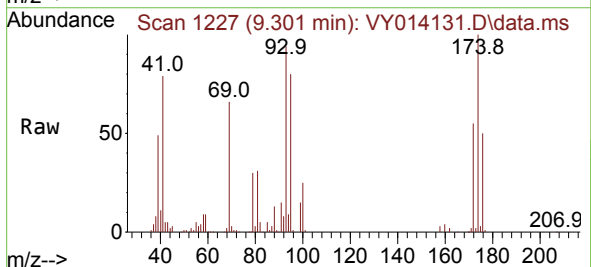
Tgt Ion: 93 Resp: 79957

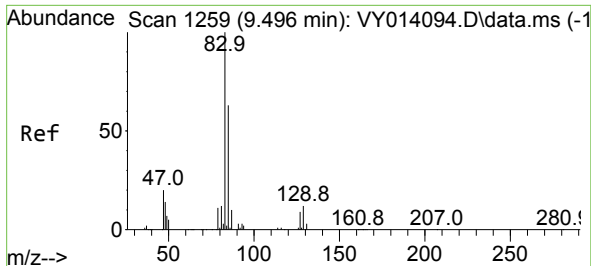
Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

174 106.7 84.8 127.2

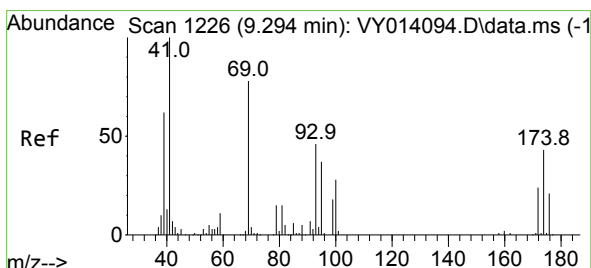
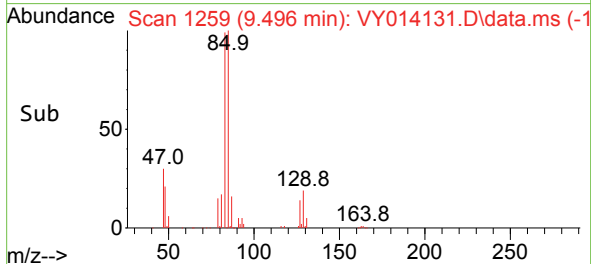
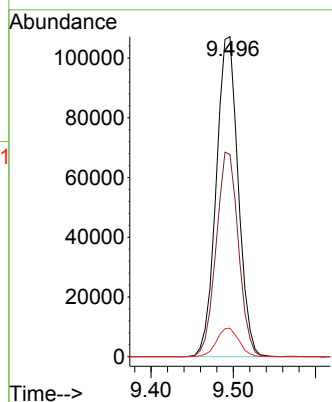
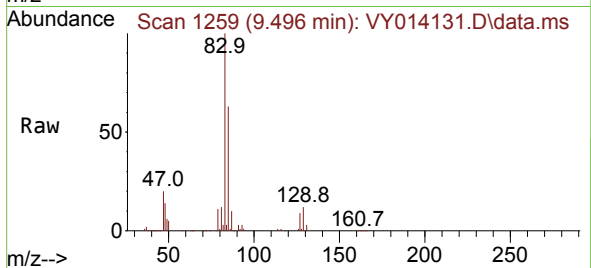




#47
Bromodichloromethane
Concen: 55.619 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

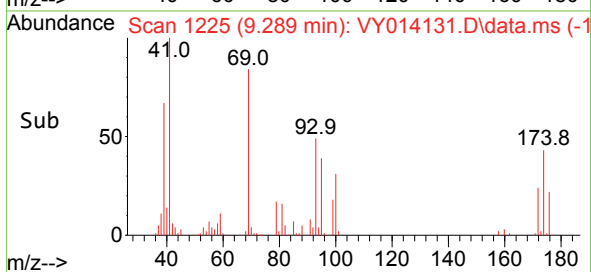
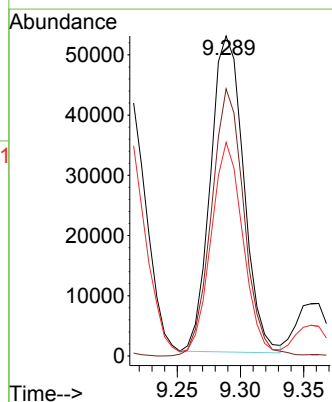
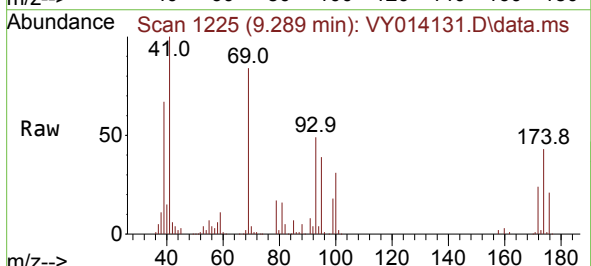
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

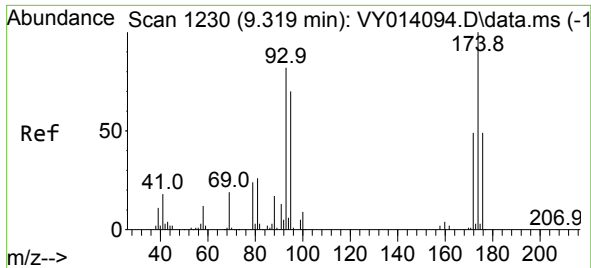
Tgt Ion: 83 Resp: 198808
Ion Ratio Lower Upper
83 100
85 63.2 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 51.706 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion: 41 Resp: 95763
Ion Ratio Lower Upper
41 100
69 83.2 64.5 96.7
39 65.4 50.8 76.2

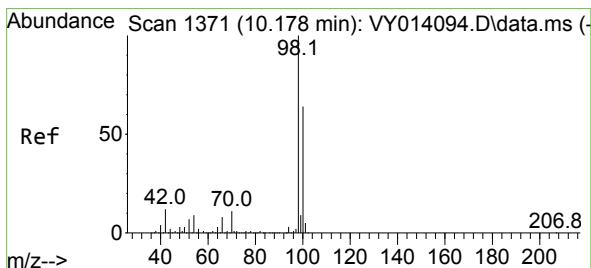
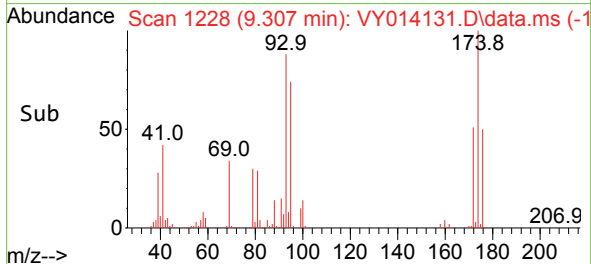
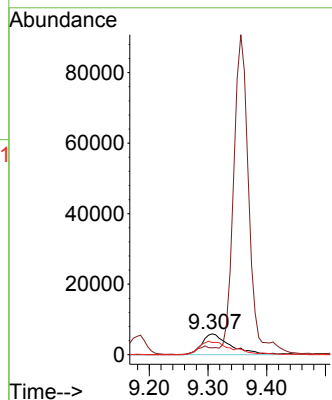
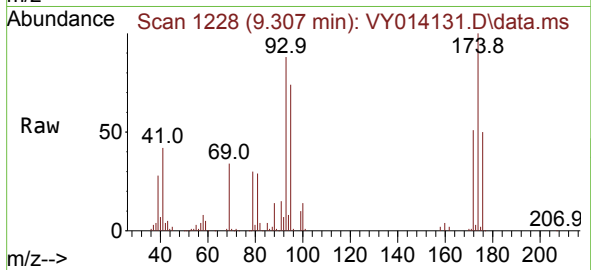




#49
1,4-Dioxane
Concen: 1030.636 ug/l
RT: 9.307 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

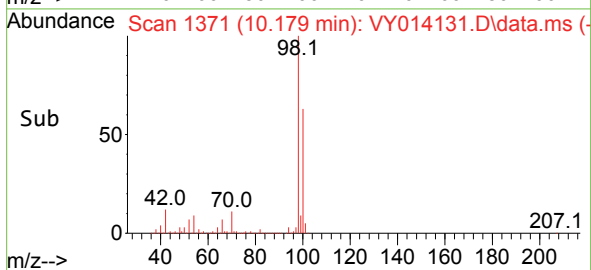
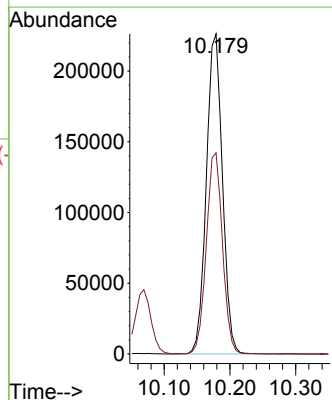
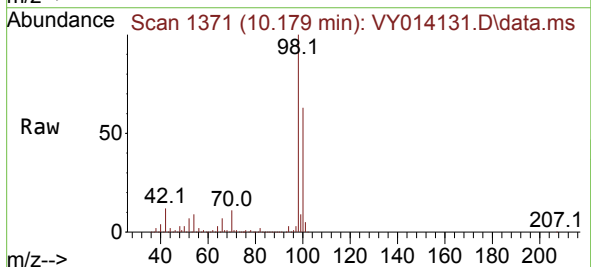
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

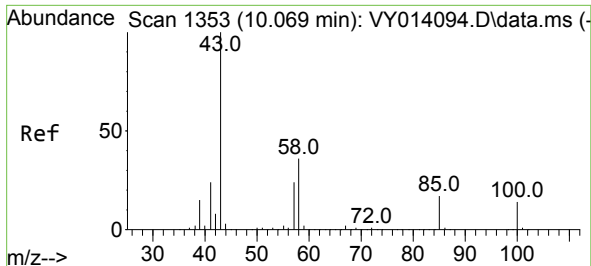
Tgt Ion: 88 Resp: 19992
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 69.9 30.9 46.3#



#50
Toluene-d8
Concen: 48.905 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion: 98 Resp: 385082
Ion Ratio Lower Upper
98 100
100 63.2 50.1 75.1

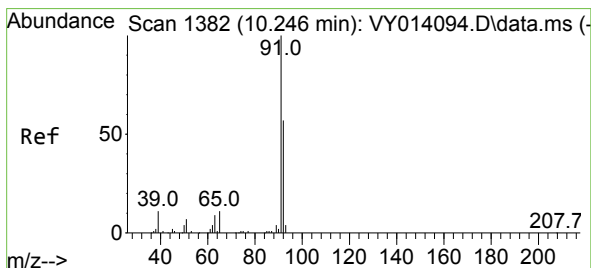
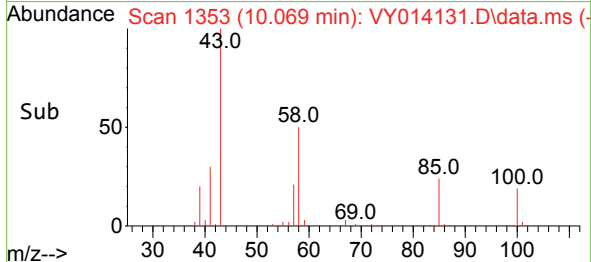
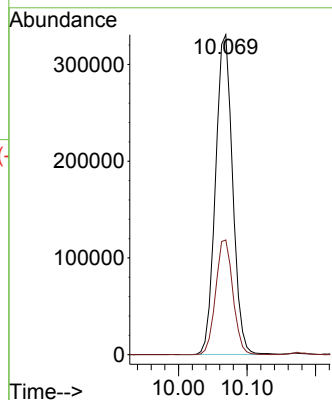
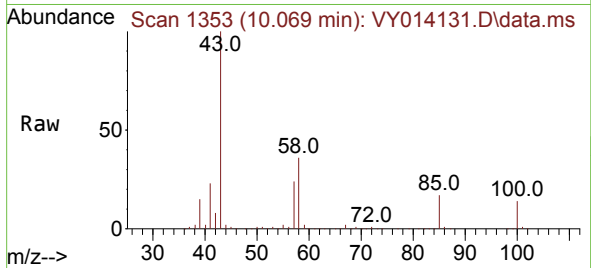




#51
4-Methyl-2-Pentanone
Concen: 265.608 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

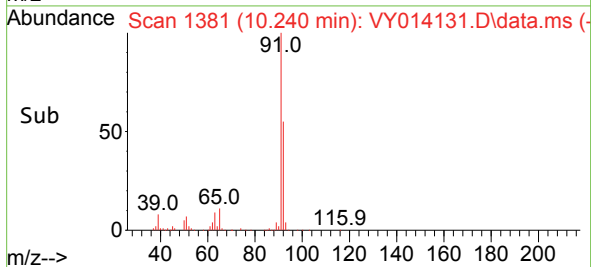
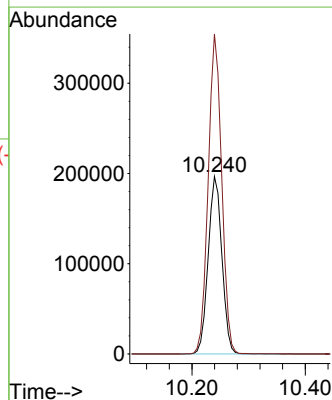
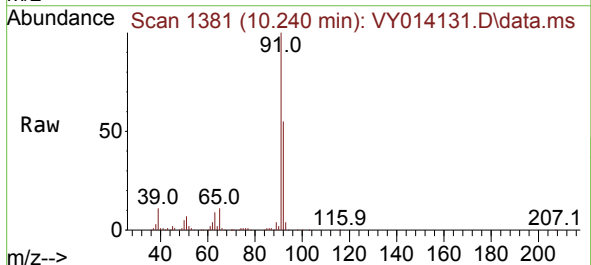
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

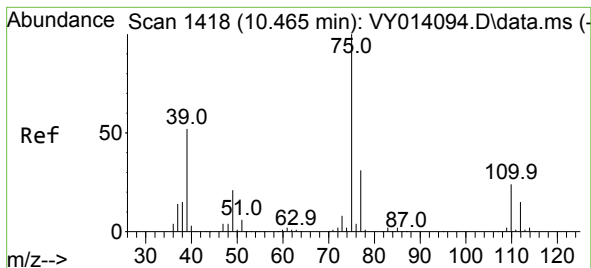
Tgt Ion: 43 Resp: 573001
Ion Ratio Lower Upper
43 100
58 36.2 29.0 43.6



#52
Toluene
Concen: 54.666 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion: 92 Resp: 330877
Ion Ratio Lower Upper
92 100
91 177.1 143.8 215.6

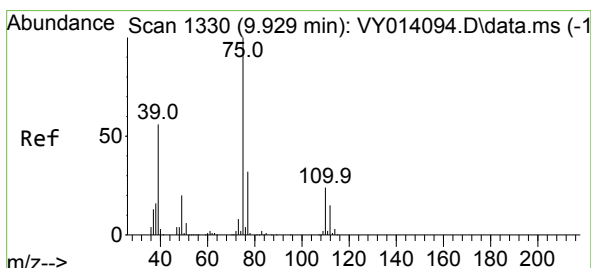
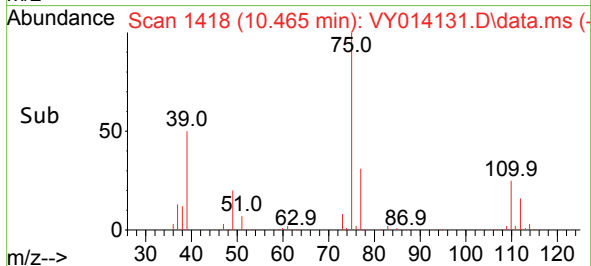
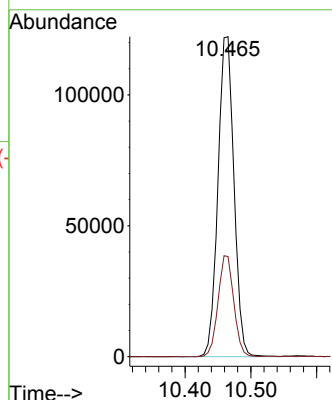
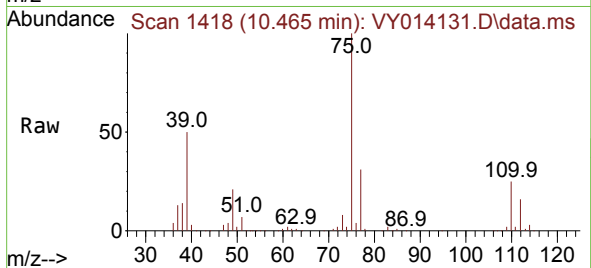




#53
t-1,3-Dichloropropene
Concen: 54.974 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

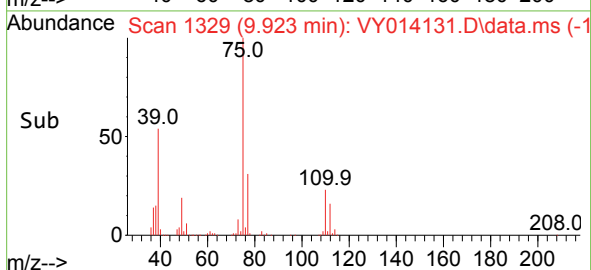
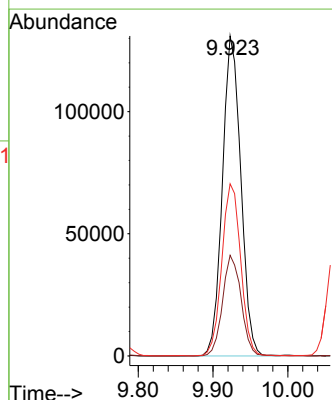
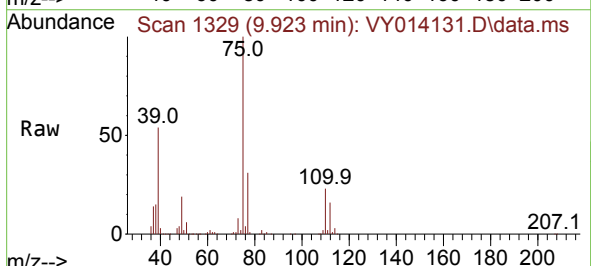
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

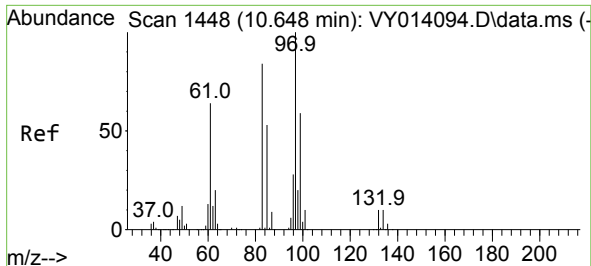
Tgt Ion: 75 Resp: 206859
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 54.790 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion: 75 Resp: 224941
Ion Ratio Lower Upper
75 100
77 31.5 24.2 36.4
39 53.7 42.2 63.4



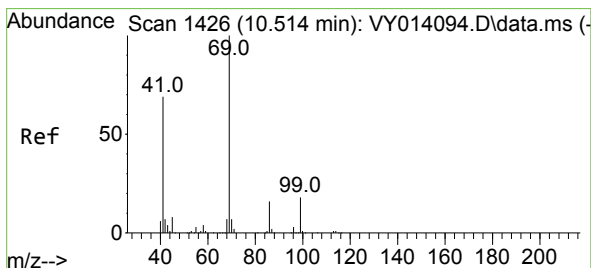
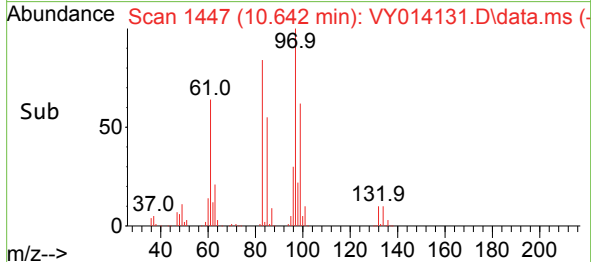
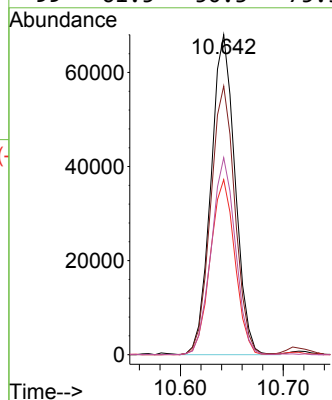
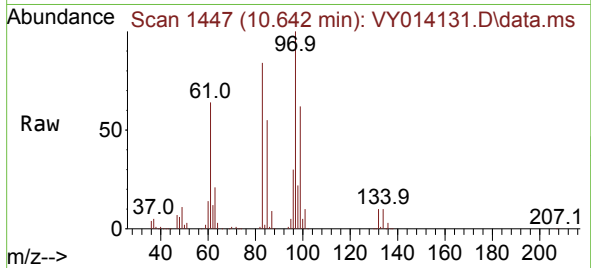


#55
1,1,2-Trichloroethane
Concen: 54.957 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 111278

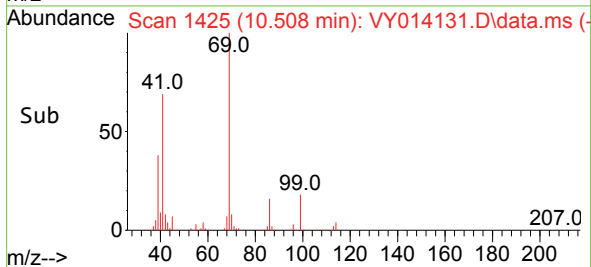
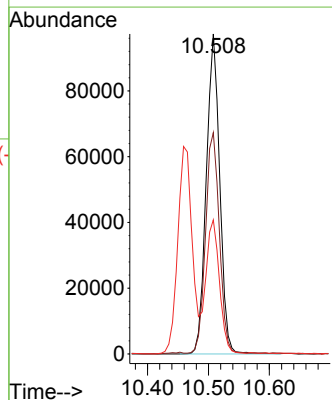
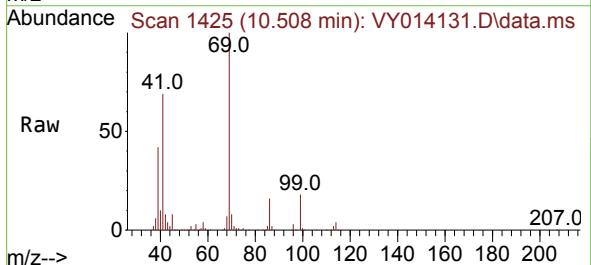
Ion	Ratio	Lower	Upper
97	100		
83	83.9	72.0	108.0
85	54.7	45.4	68.0
99	61.5	50.3	75.5

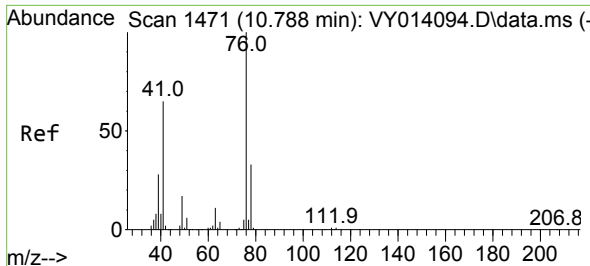


#56
Ethyl methacrylate
Concen: 53.458 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion: 69 Resp: 149301

Ion	Ratio	Lower	Upper
69	100		
41	70.5	57.6	86.4
39	42.4	34.1	51.1





#57

1,3-Dichloropropane

Concen: 53.738 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014131.D

Acq: 13 Jun 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

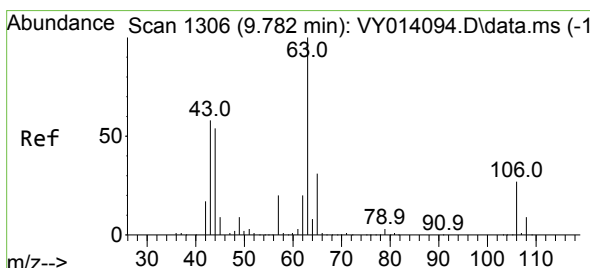
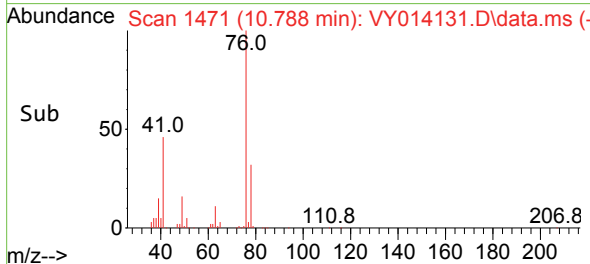
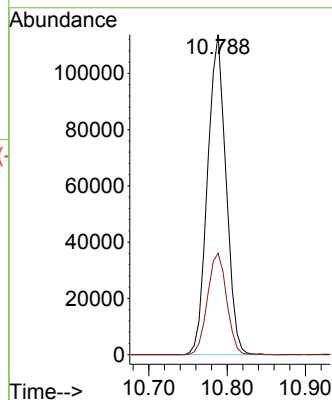
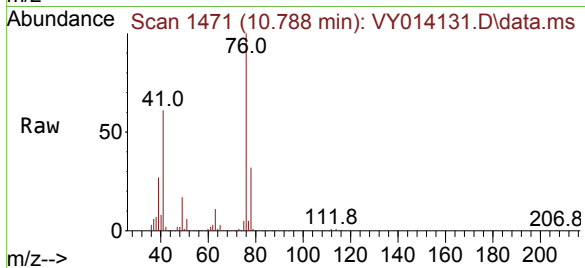
VSTDCCC050

Tgt Ion: 76 Resp: 186099

Ion Ratio Lower Upper

76 100

78 32.9 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 249.612 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY014131.D

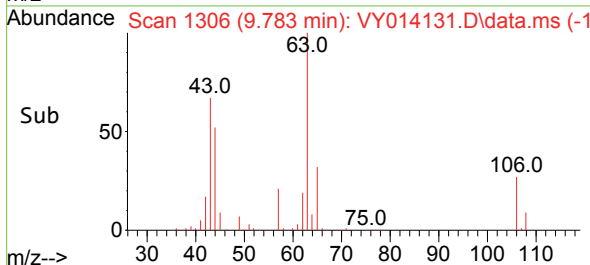
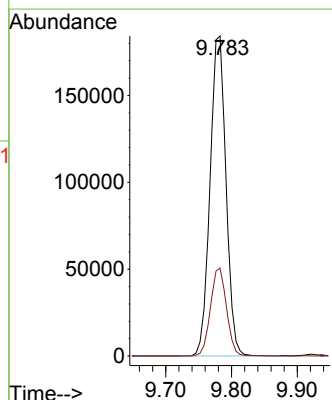
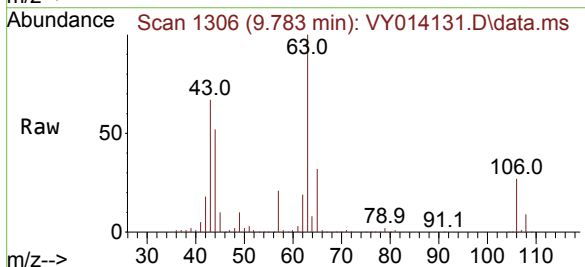
Acq: 13 Jun 2023 10:56

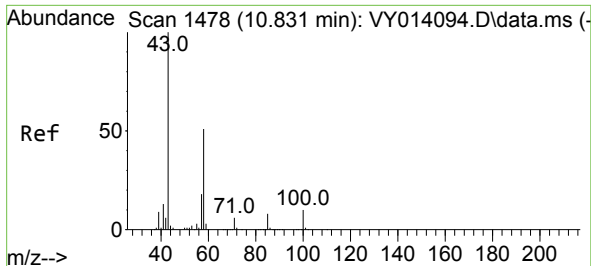
Tgt Ion: 63 Resp: 311449

Ion Ratio Lower Upper

63 100

106 27.4 21.2 31.8

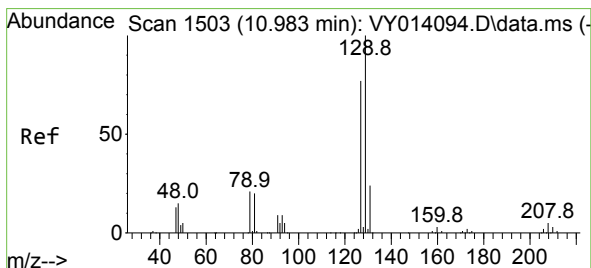
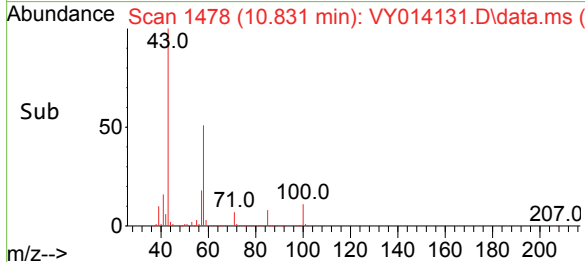
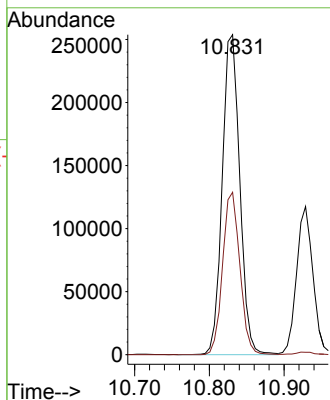
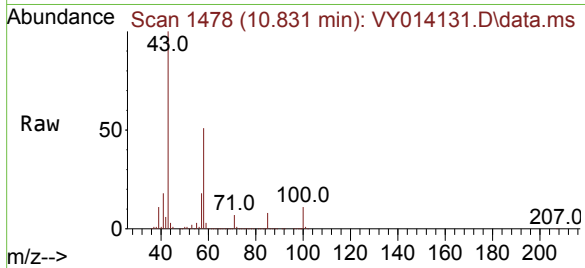




#59
2-Hexanone
Concen: 265.854 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

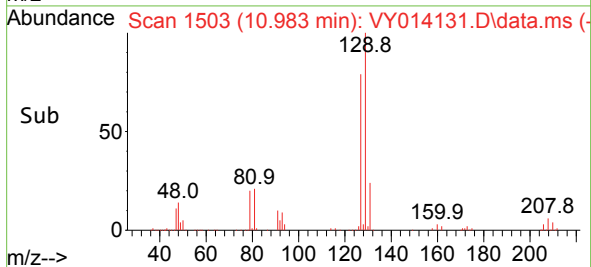
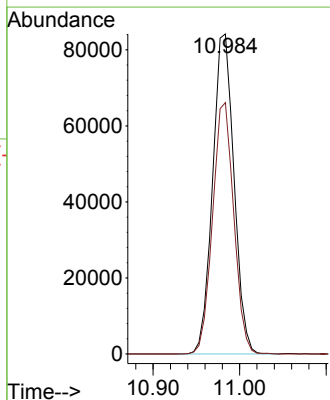
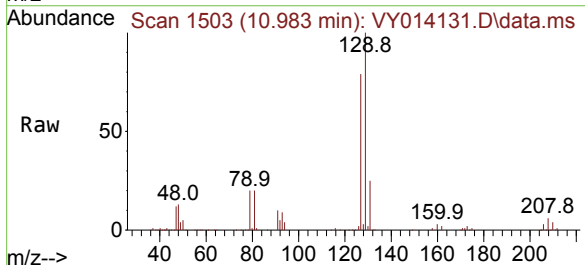
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

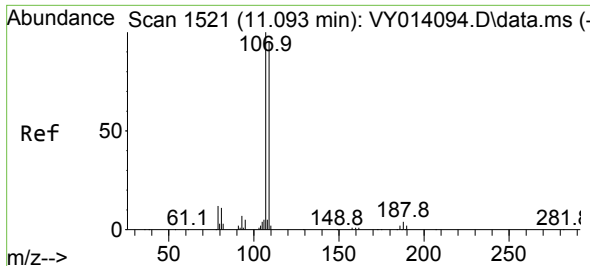
Tgt Ion: 43 Resp: 414238
Ion Ratio Lower Upper
43 100
58 50.0 25.1 75.3



#60
Dibromochloromethane
Concen: 55.677 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion: 129 Resp: 144291
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5

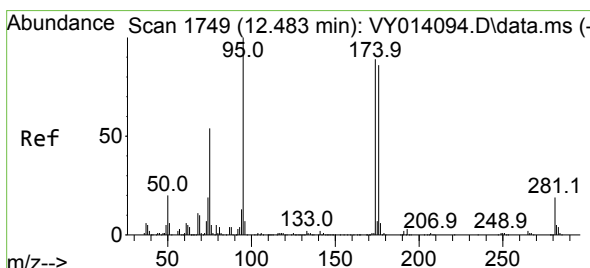
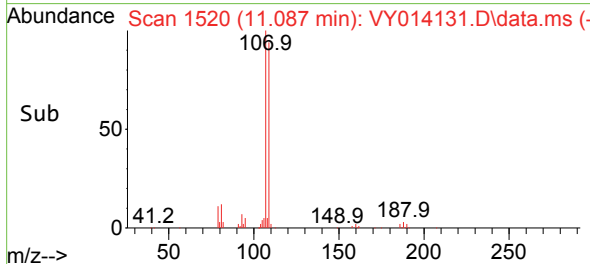
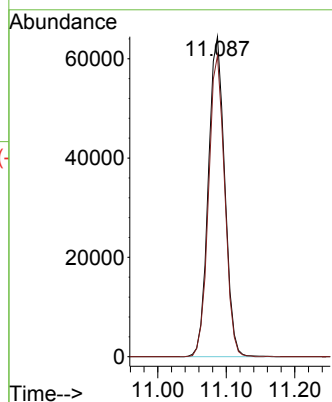
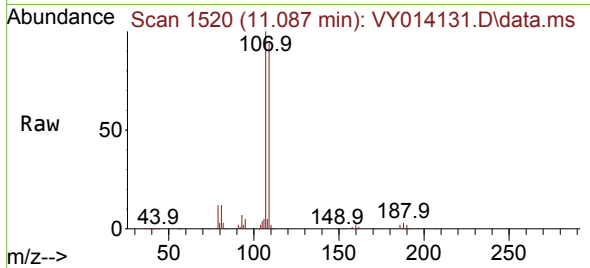




#61
1,2-Dibromoethane
Concen: 53.663 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

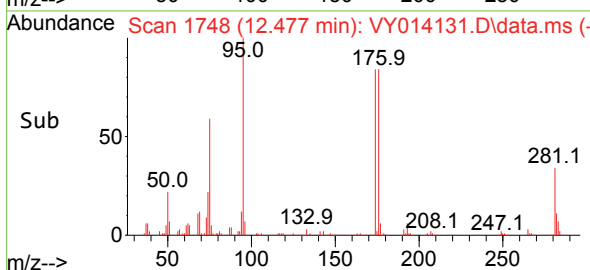
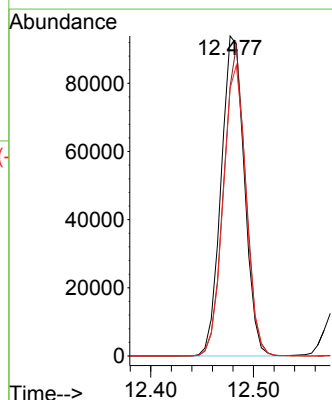
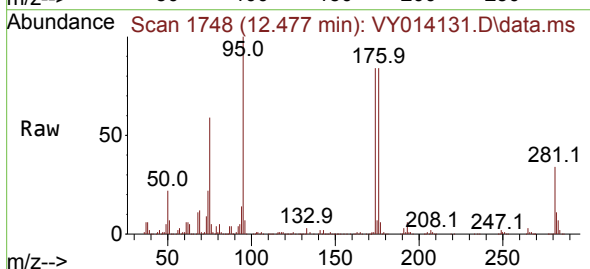
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

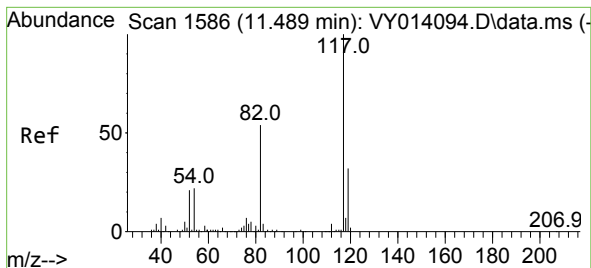
Tgt Ion:107 Resp: 107238
Ion Ratio Lower Upper
107 100
109 92.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.724 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion: 95 Resp: 147475
Ion Ratio Lower Upper
95 100
174 91.8 0.0 178.2
176 89.0 0.0 173.8

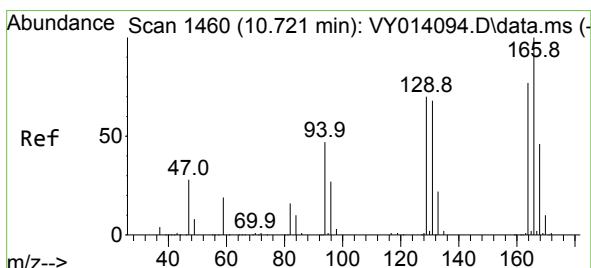
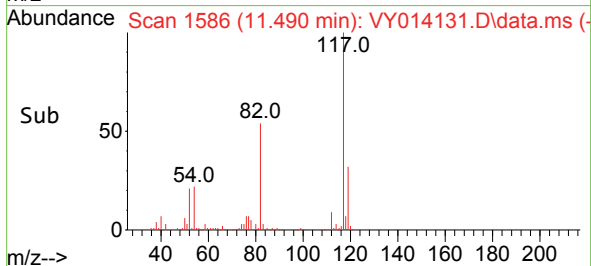
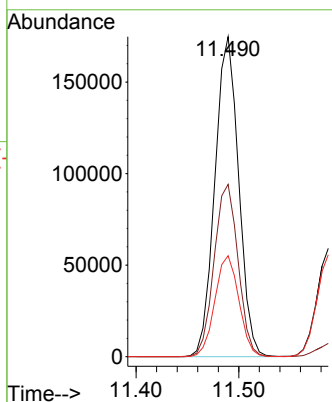
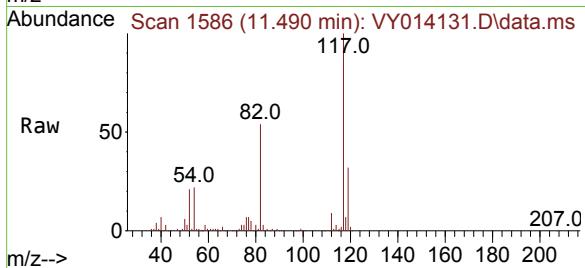




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

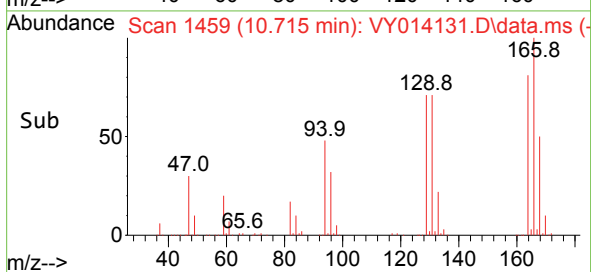
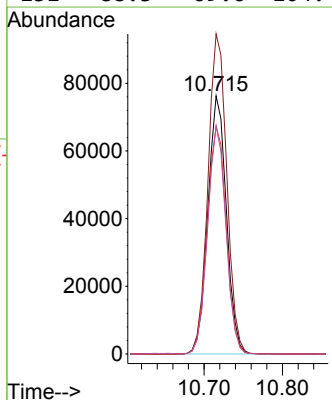
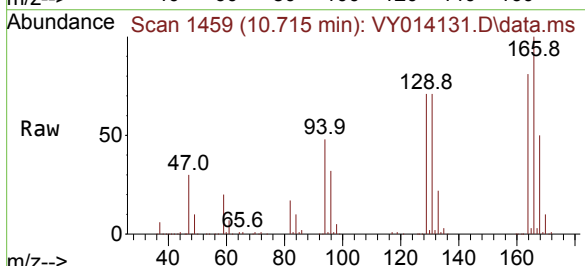
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

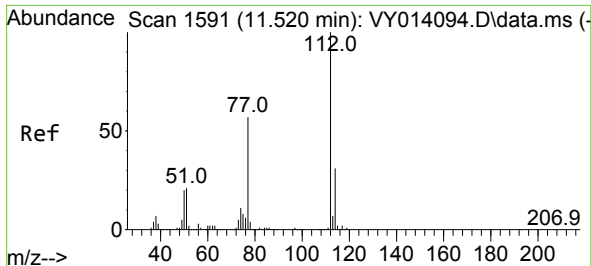
Tgt Ion:117 Resp: 280237
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 31.6 26.3 39.5



#64
Tetrachloroethene
Concen: 52.466 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion:164 Resp: 125322
Ion Ratio Lower Upper
164 100
166 124.0 103.0 154.6
129 88.2 77.2 115.8
131 88.3 69.6 104.4

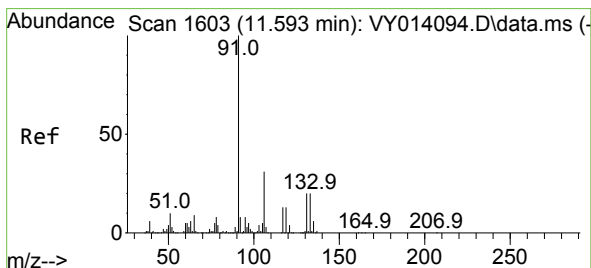
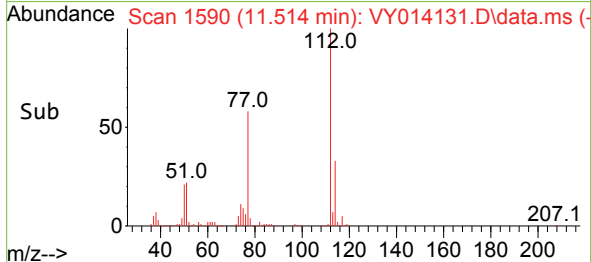
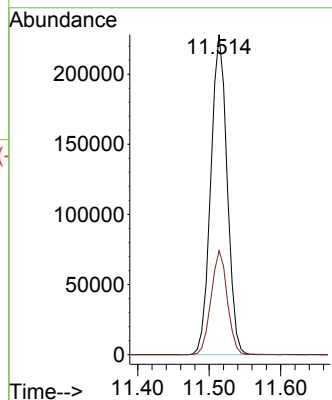
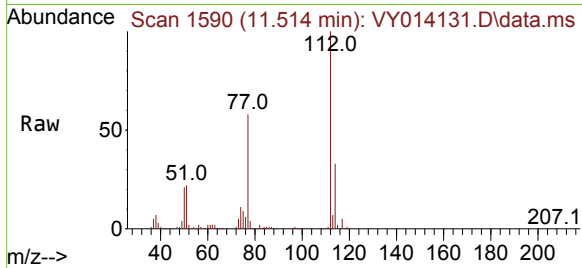




#65
Chlorobenzene
Concen: 53.761 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

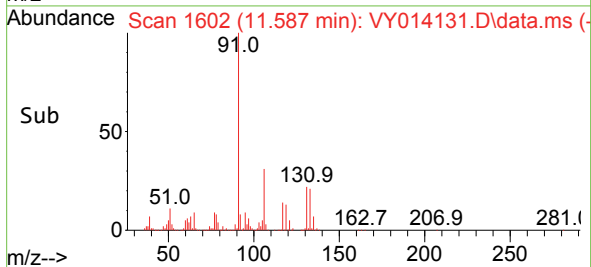
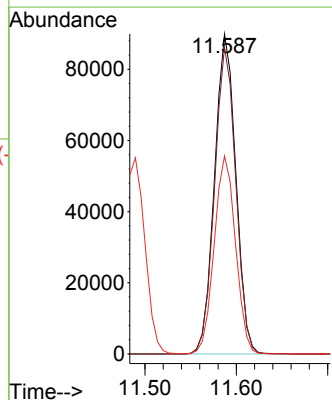
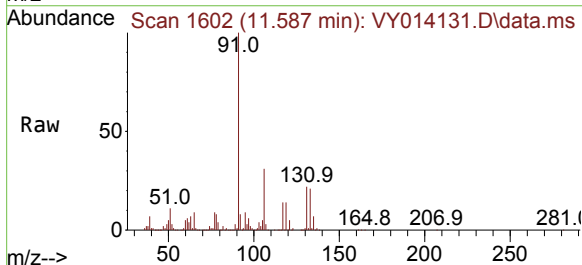
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

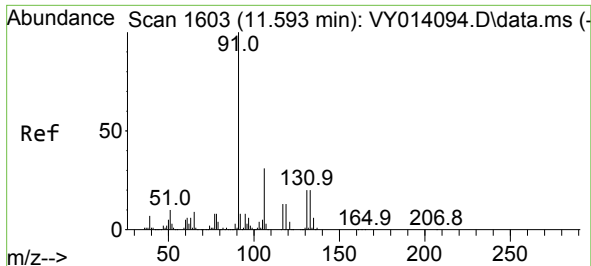
Tgt Ion:112 Resp: 362005
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 55.023 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion:131 Resp: 145729
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.6
119 62.0 31.6 94.7





#67

Ethyl Benzene

Concen: 55.269 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014131.D

Acq: 13 Jun 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

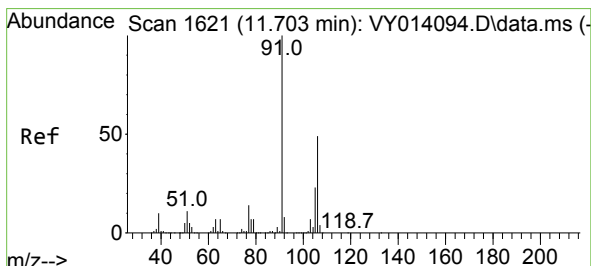
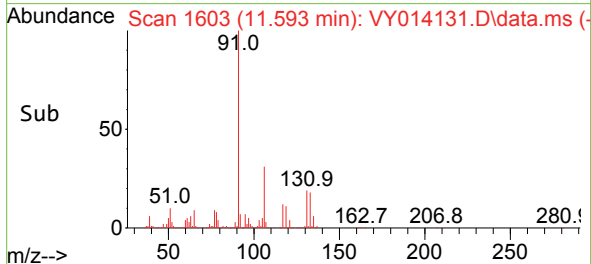
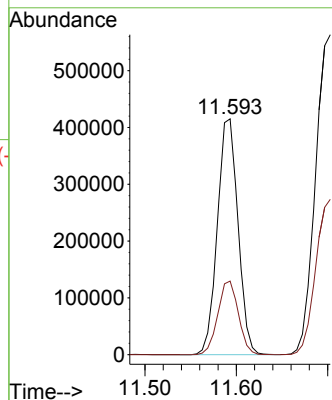
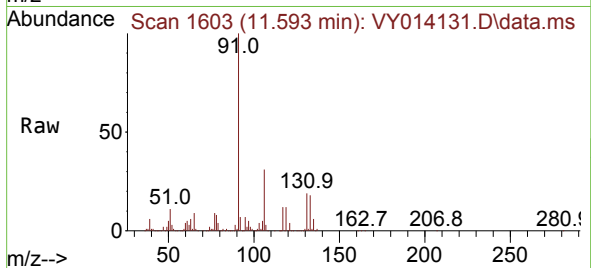
VSTDCCC050

Tgt Ion: 91 Resp: 651434

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 111.209 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014131.D

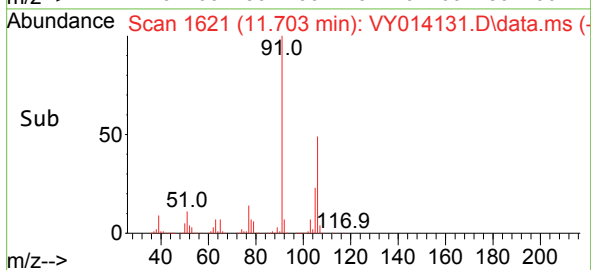
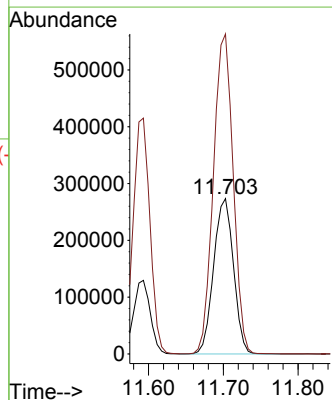
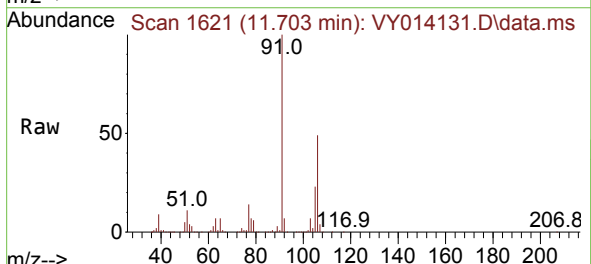
Acq: 13 Jun 2023 10:56

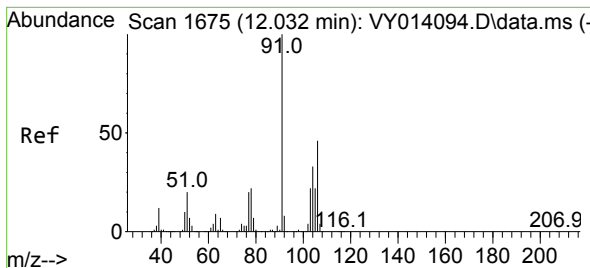
Tgt Ion:106 Resp: 504173

Ion Ratio Lower Upper

106 100

91 205.3 166.1 249.1

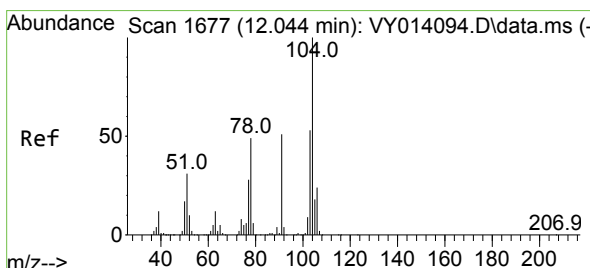
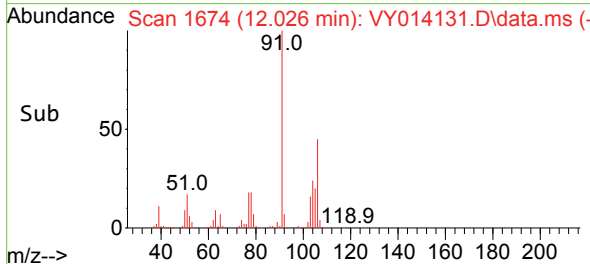
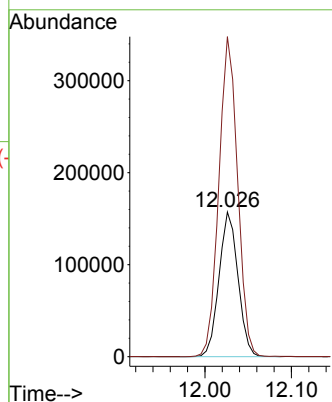
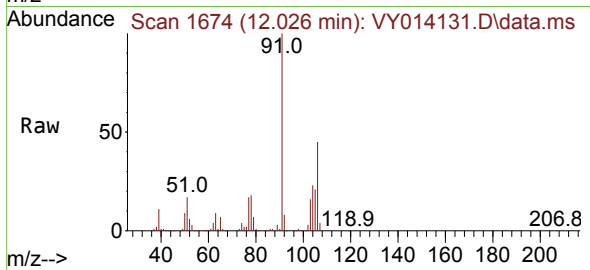




#69
o-Xylene
Concen: 55.726 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

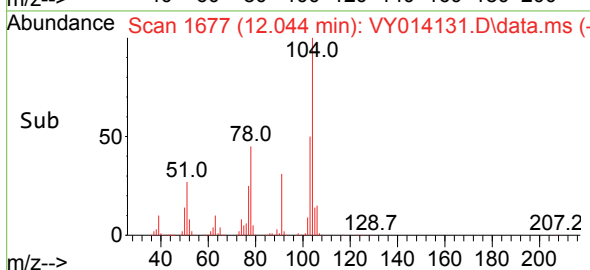
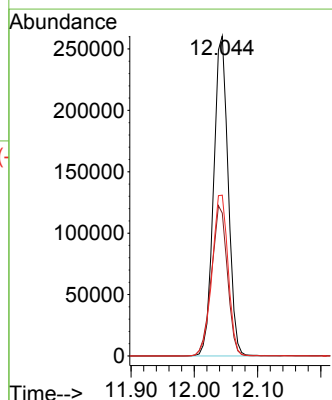
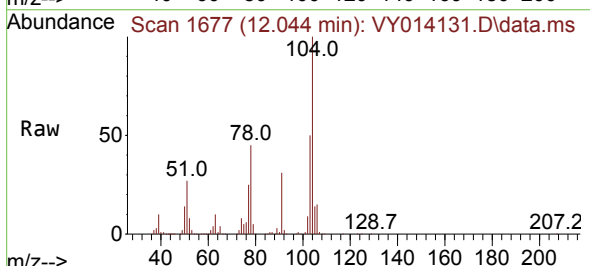
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

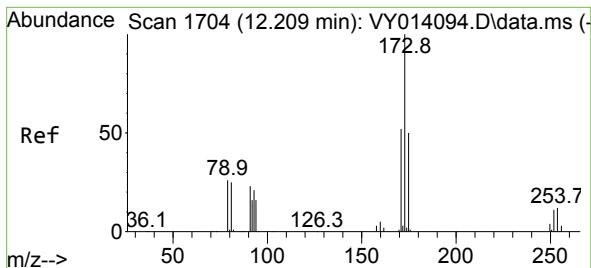
Tgt Ion:106 Resp: 238853
Ion Ratio Lower Upper
106 100
91 219.1 108.1 324.3



#70
Styrene
Concen: 57.012 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion:104 Resp: 417067
Ion Ratio Lower Upper
104 100
78 51.4 41.5 62.3
103 55.6 44.6 67.0





#71

Bromoform

Concen: 54.698 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014131.D

Acq: 13 Jun 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

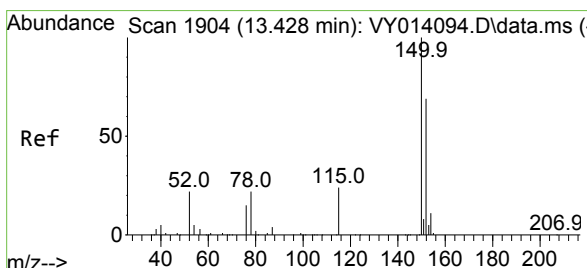
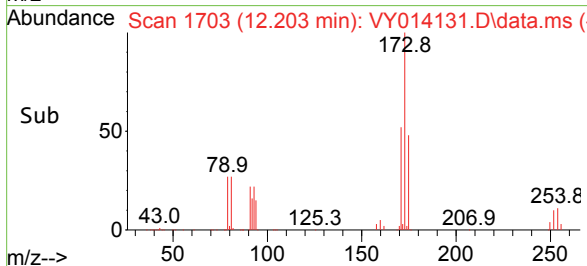
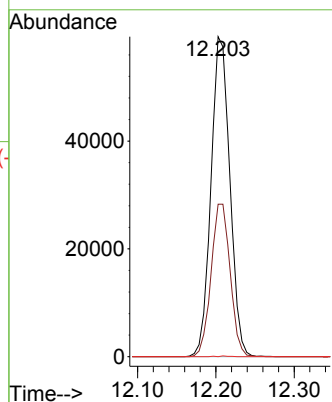
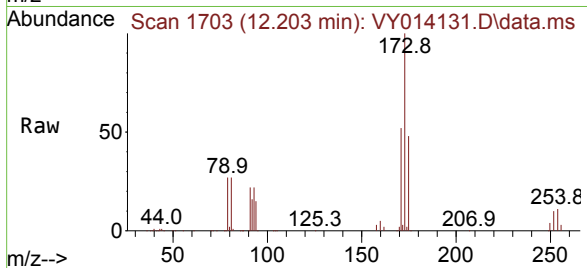
Tgt Ion:173 Resp: 99212

Ion Ratio Lower Upper

173 100

175 48.3 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: VY014131.D

Acq: 13 Jun 2023 10:56

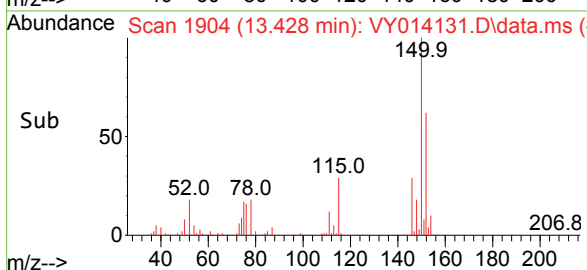
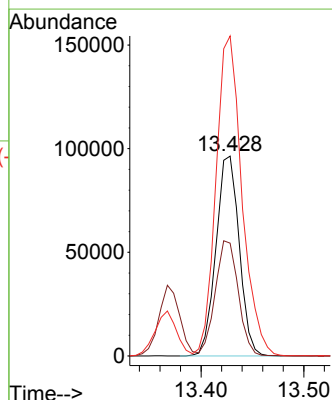
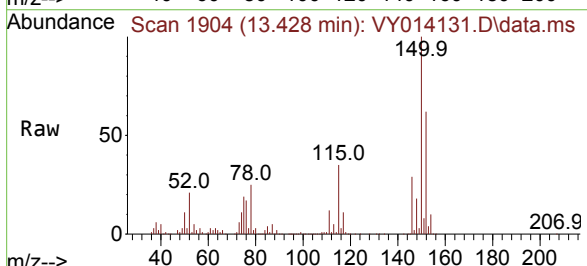
Tgt Ion:152 Resp: 151099

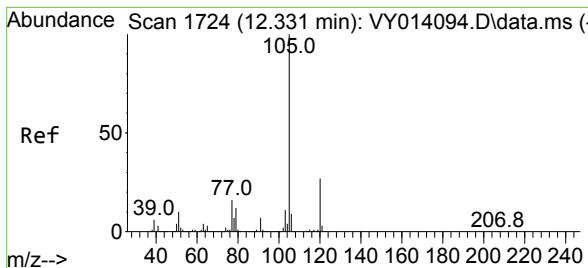
Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 179.0 0.0 348.8





#73

Isopropylbenzene

Concen: 55.438 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014131.D

Acq: 13 Jun 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

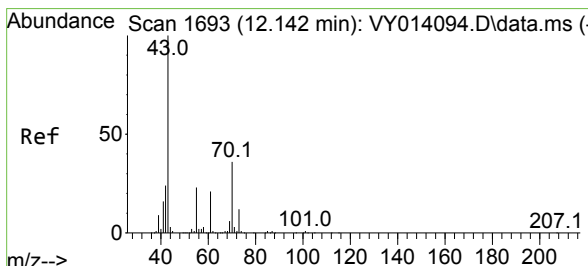
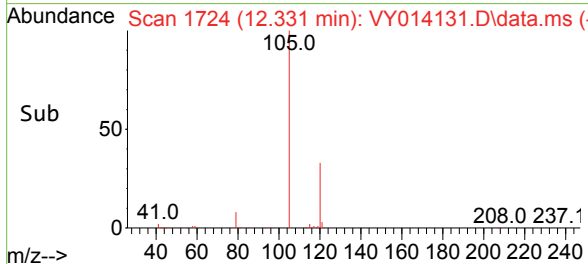
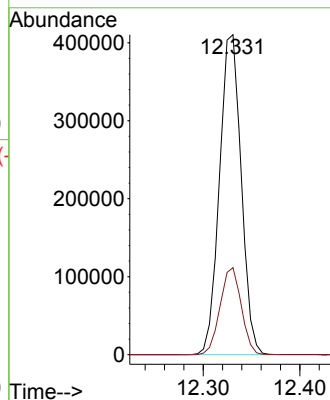
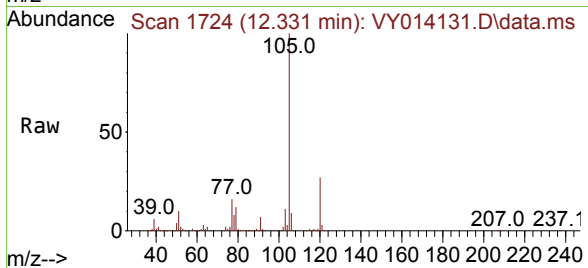
VSTDCCC050

Tgt Ion:105 Resp: 639019

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 53.248 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014131.D

Acq: 13 Jun 2023 10:56

Tgt Ion: 43 Resp: 194501

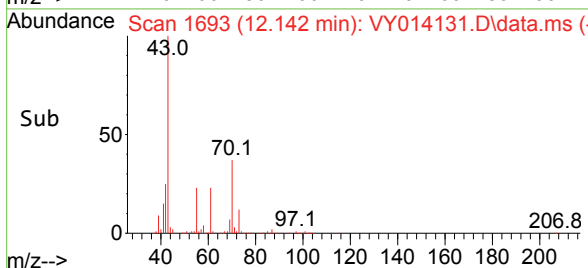
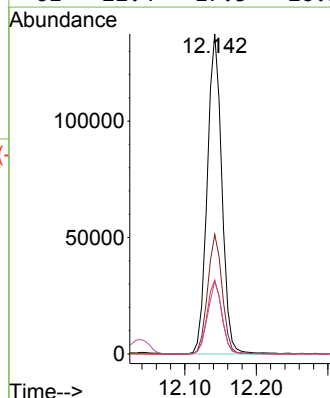
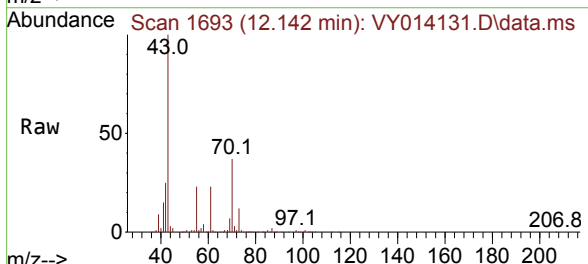
Ion Ratio Lower Upper

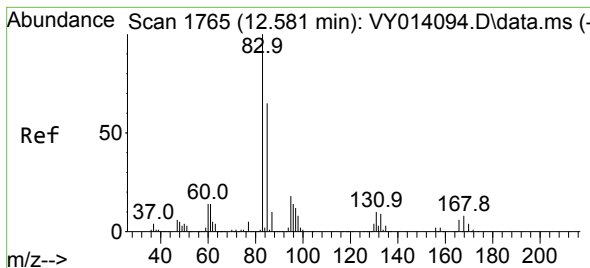
43 100

70 37.4 29.7 44.5

55 23.4 18.3 27.5

61 22.4 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 51.321 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014131.D

Acq: 13 Jun 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

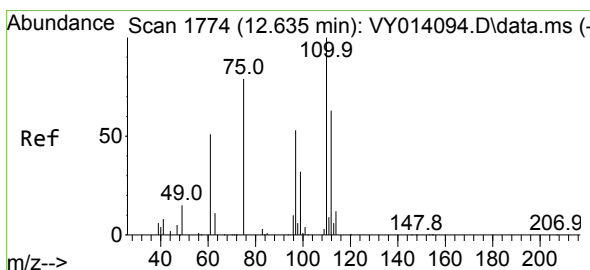
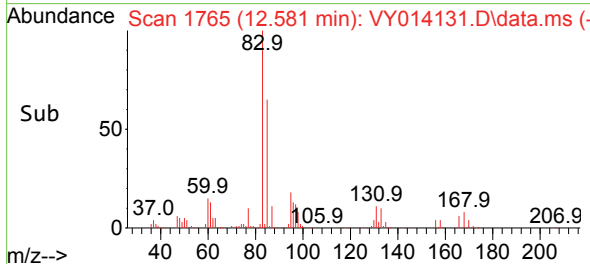
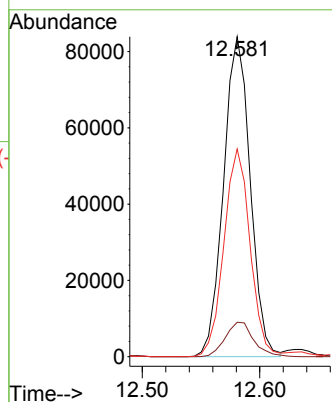
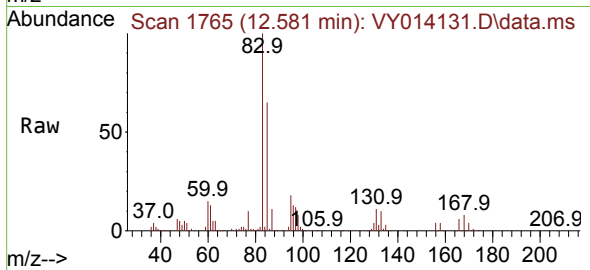
Tgt Ion: 83 Resp: 132185

Ion Ratio Lower Upper

83 100

131 11.5 5.4 16.2

85 63.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 90.077 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.005 min

Lab File: VY014131.D

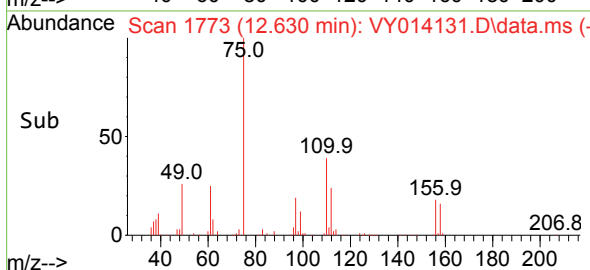
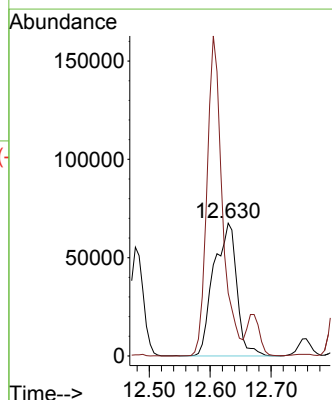
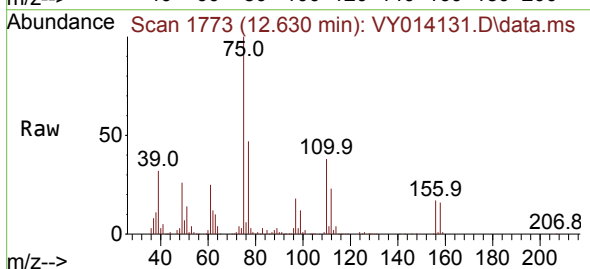
Acq: 13 Jun 2023 10:56

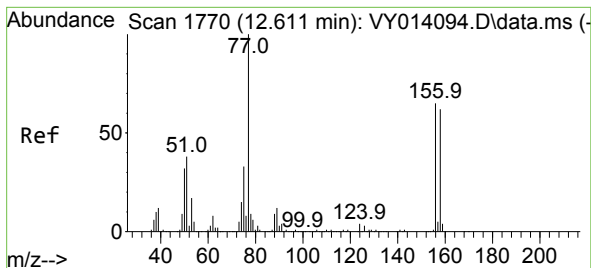
Tgt Ion: 75 Resp: 178567

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.405 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014131.D

Acq: 13 Jun 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

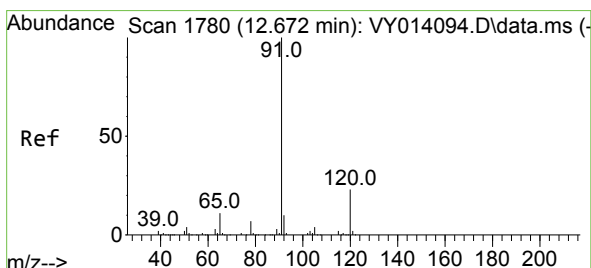
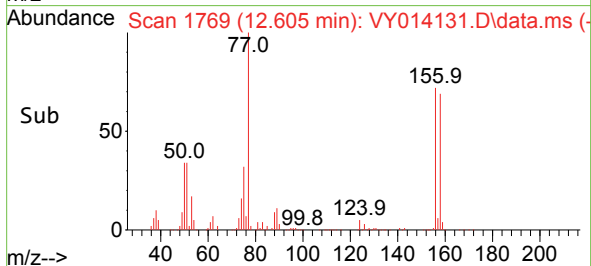
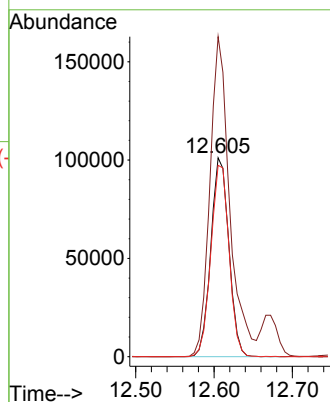
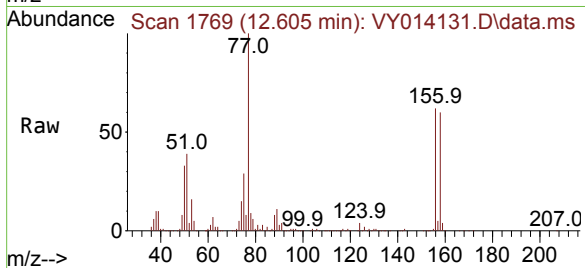
Tgt Ion:156 Resp: 161796

Ion Ratio Lower Upper

156 100

77 177.1 92.8 278.6

158 97.0 48.4 145.3



#78

n-propylbenzene

Concen: 55.303 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014131.D

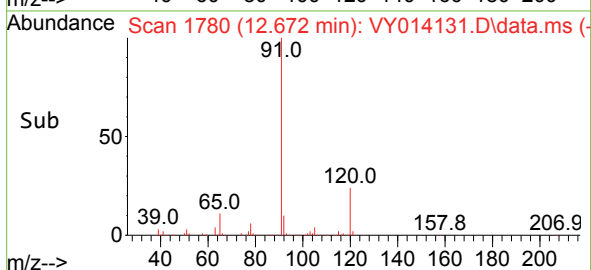
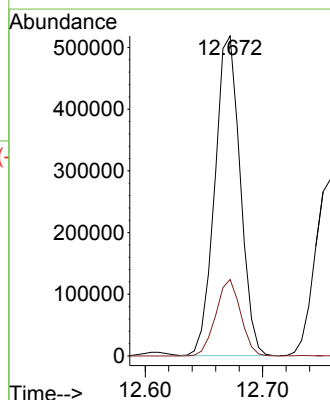
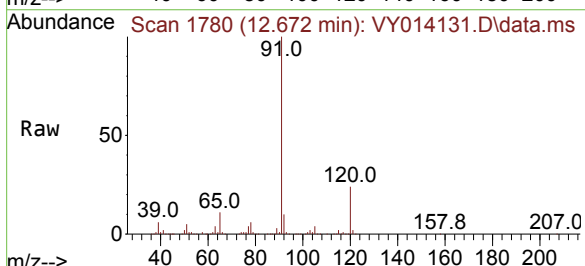
Acq: 13 Jun 2023 10:56

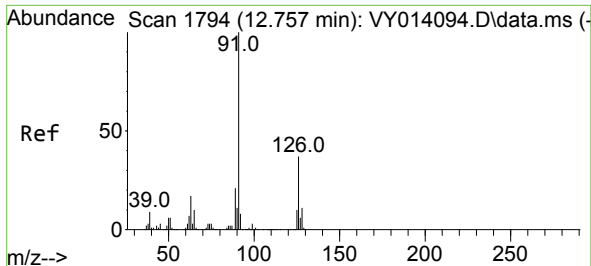
Tgt Ion: 91 Resp: 778615

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

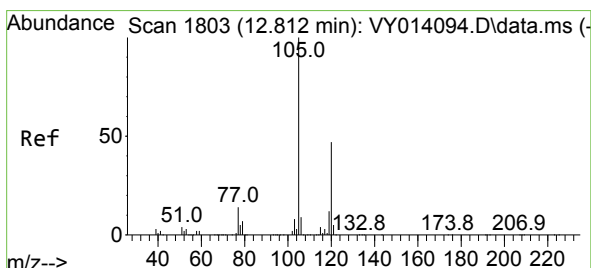
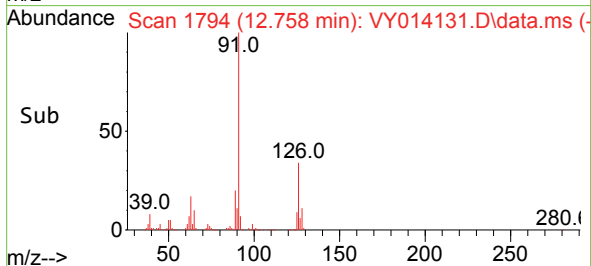
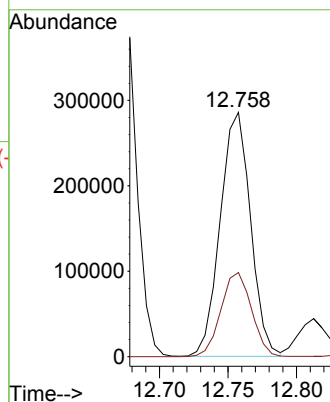
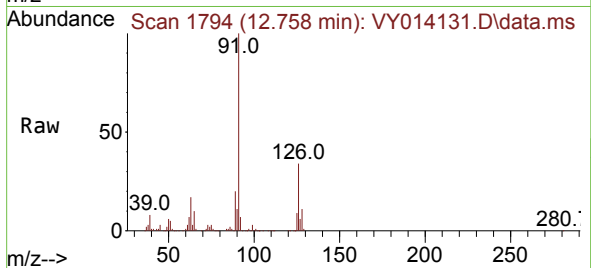




#79
2-Chlorotoluene
Concen: 54.396 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.001 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

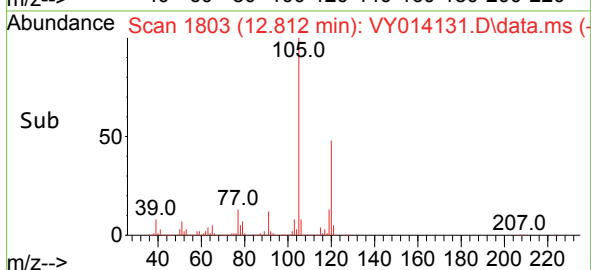
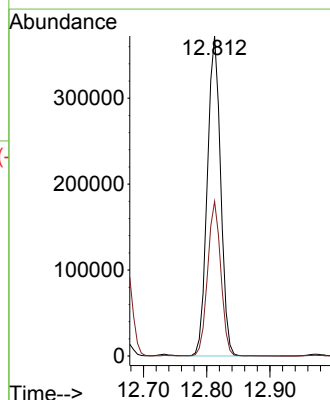
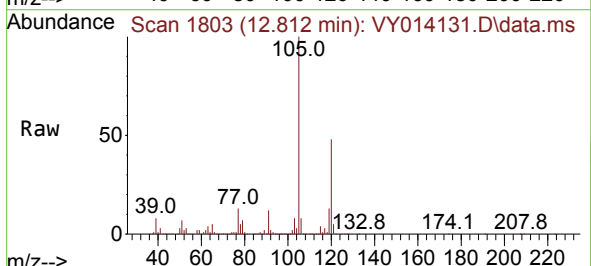
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

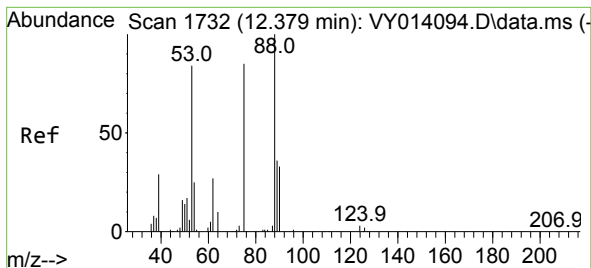
Tgt Ion: 91 Resp: 440663
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 55.315 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion: 105 Resp: 545948
Ion Ratio Lower Upper
105 100
120 47.7 23.9 71.7

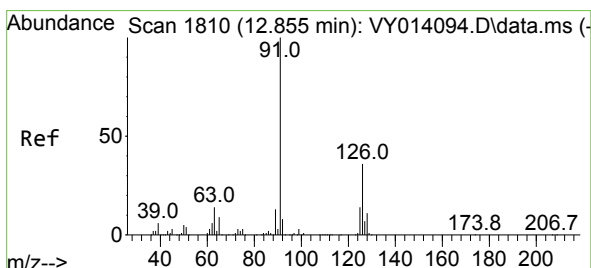
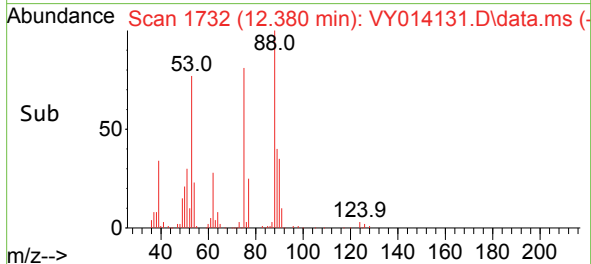
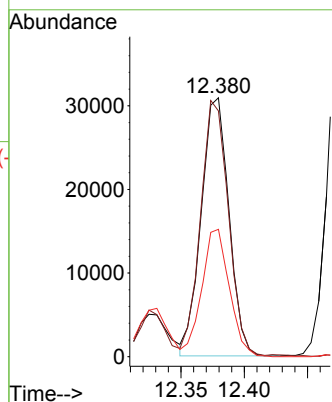
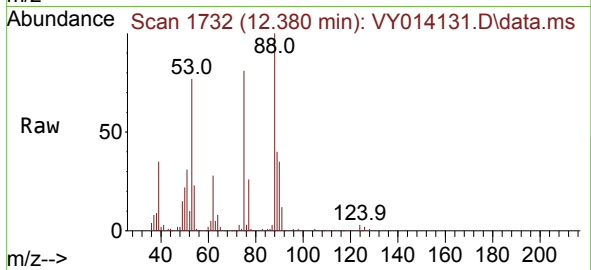




#81
trans-1,4-Dichloro-2-butene
Concen: 51.437 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

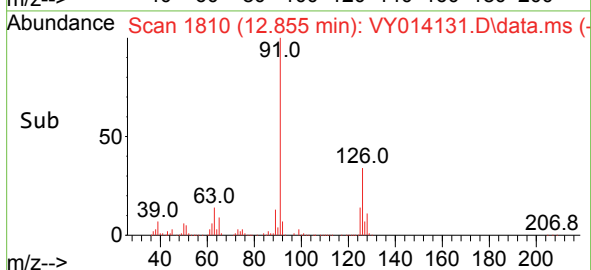
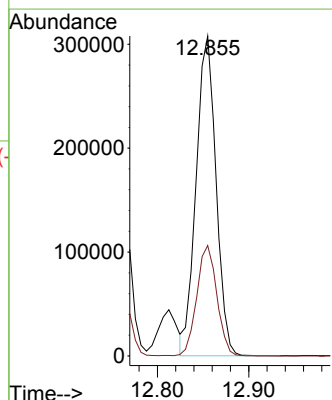
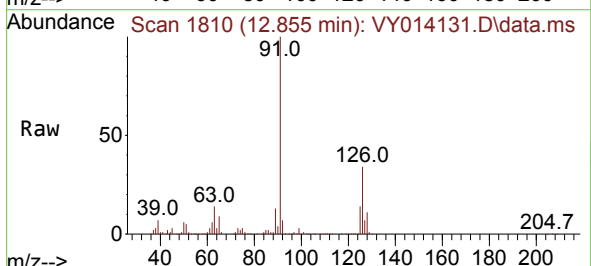
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

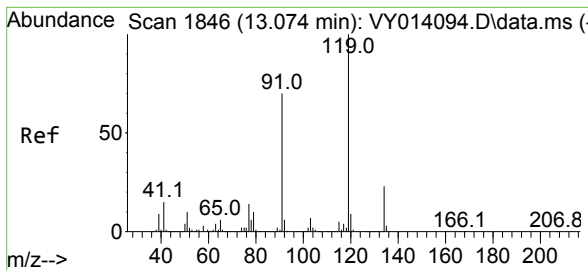
Tgt Ion: 75 Resp: 47172
Ion Ratio Lower Upper
75 100
53 100.1 77.8 116.8
89 49.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 54.259 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion: 91 Resp: 465798
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6

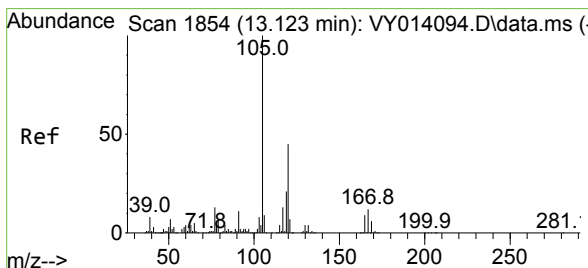
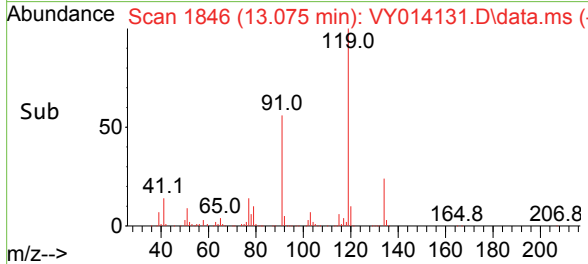
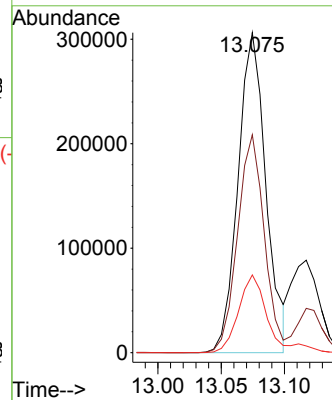
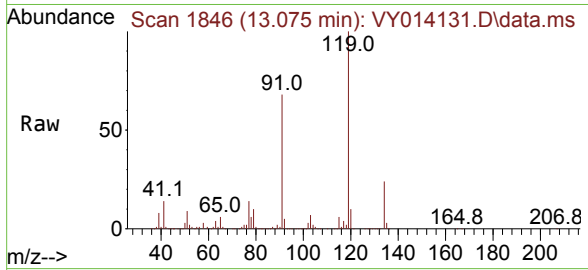




#83
 tert-Butylbenzene
 Concen: 56.097 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. 0.001 min
 Lab File: VY014131.D
 Acq: 13 Jun 2023 10:56

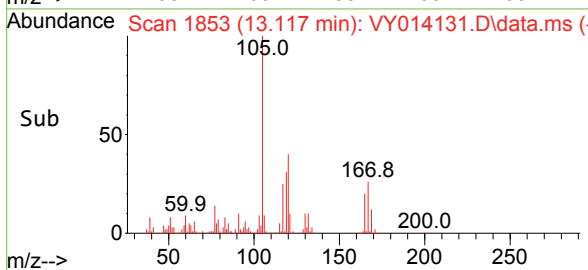
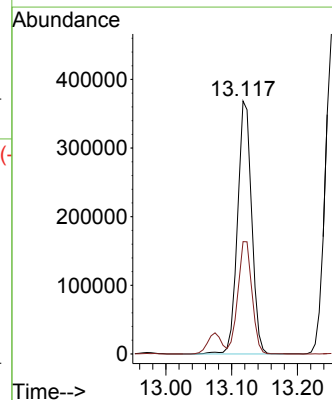
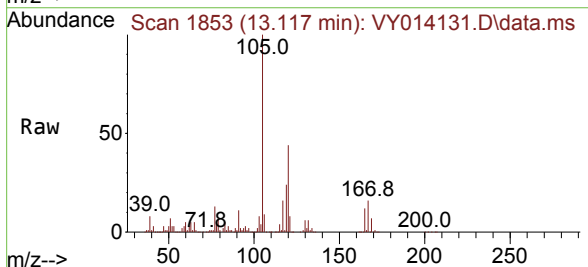
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

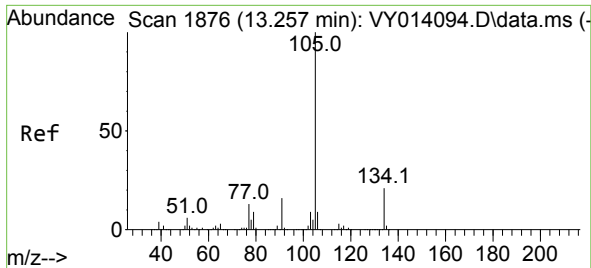
Tgt Ion:119 Resp: 470504
 Ion Ratio Lower Upper
 119 100
 91 65.2 32.9 98.6
 134 25.6 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 56.251 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: VY014131.D
 Acq: 13 Jun 2023 10:56

Tgt Ion:105 Resp: 549563
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.2 66.6

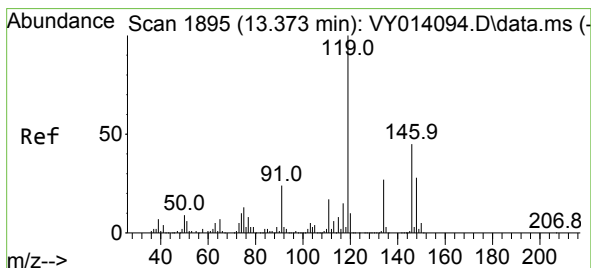
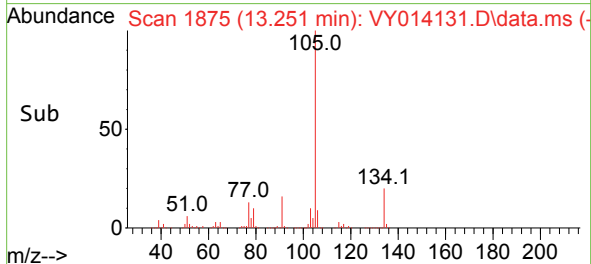
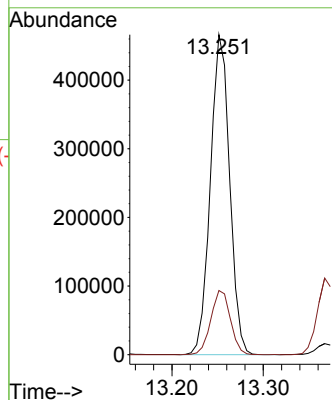
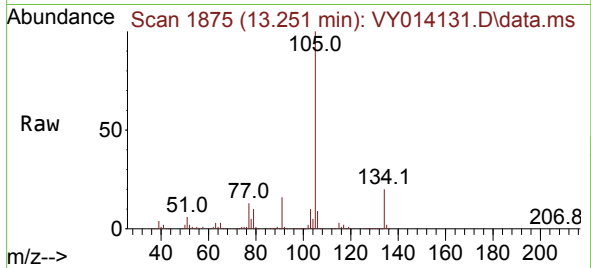




#85
 sec-Butylbenzene
 Concen: 56.007 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014131.D
 Acq: 13 Jun 2023 10:56

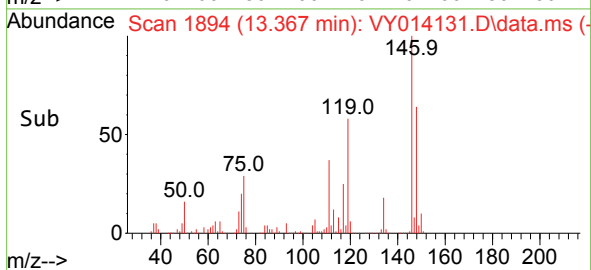
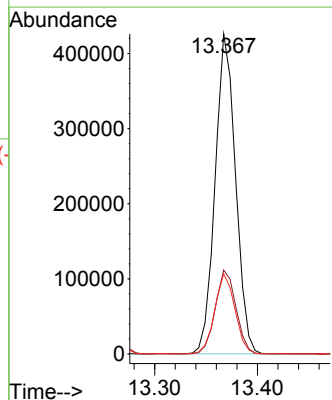
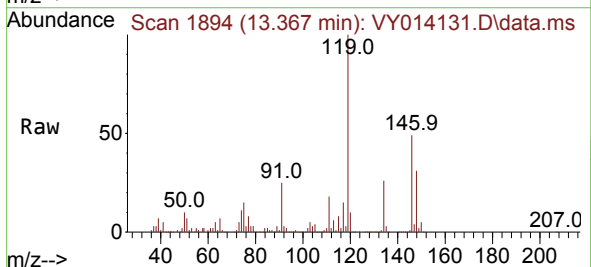
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

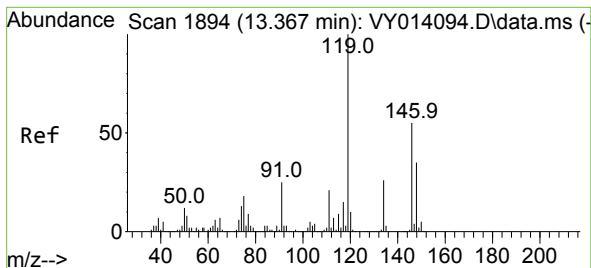
Tgt Ion:105 Resp: 682946
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 56.322 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014131.D
 Acq: 13 Jun 2023 10:56

Tgt Ion:119 Resp: 587781
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 24.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 54.501 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014131.D

Acq: 13 Jun 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

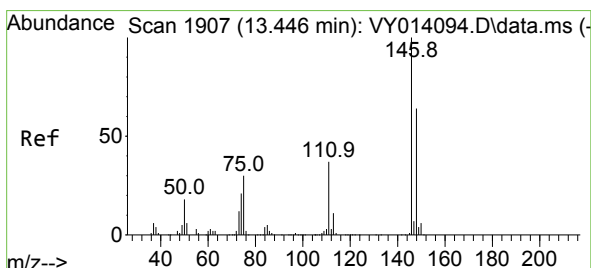
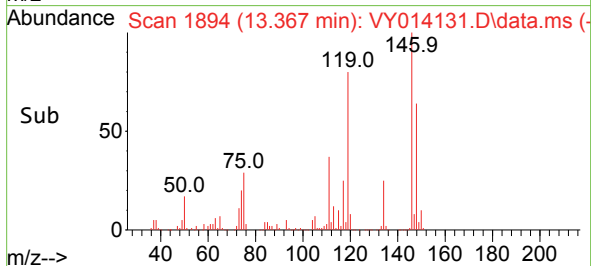
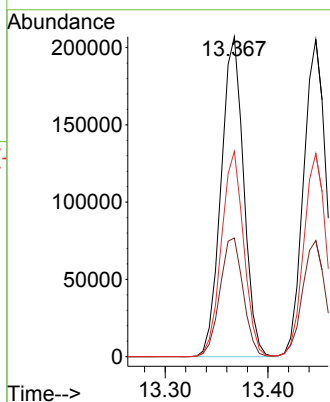
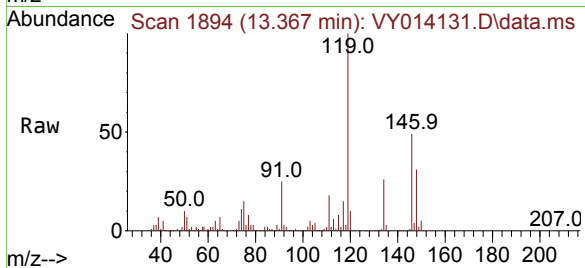
Tgt Ion:146 Resp: 315252

Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.2

148 63.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 53.798 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY014131.D

Acq: 13 Jun 2023 10:56

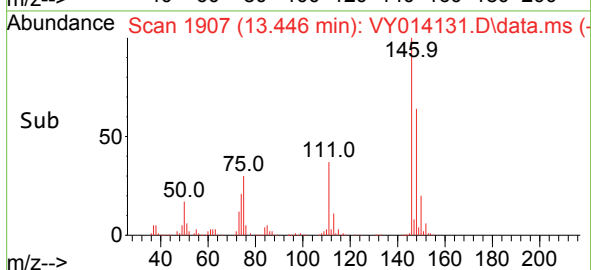
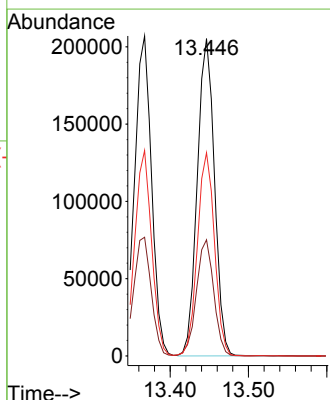
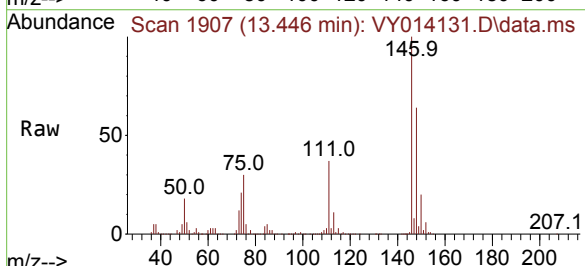
Tgt Ion:146 Resp: 313536

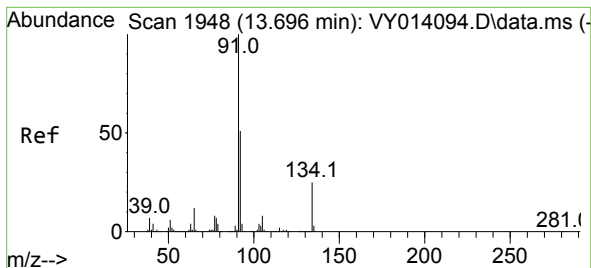
Ion Ratio Lower Upper

146 100

111 37.0 18.9 56.7

148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 56.399 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014131.D

Acq: 13 Jun 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

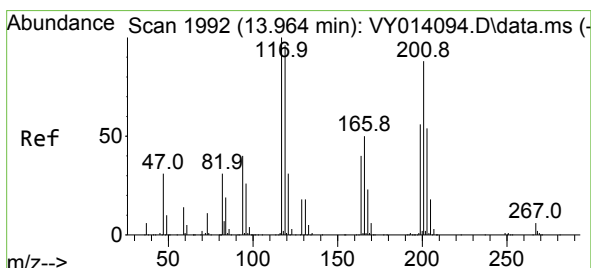
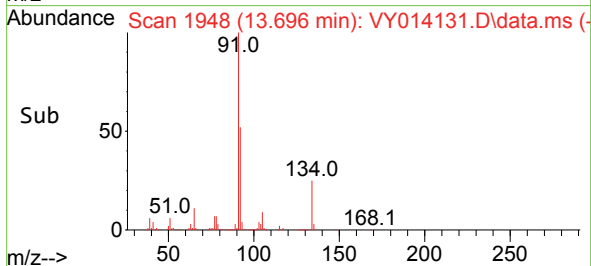
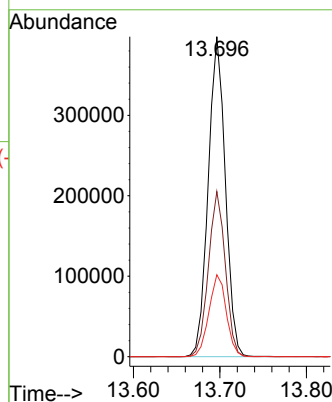
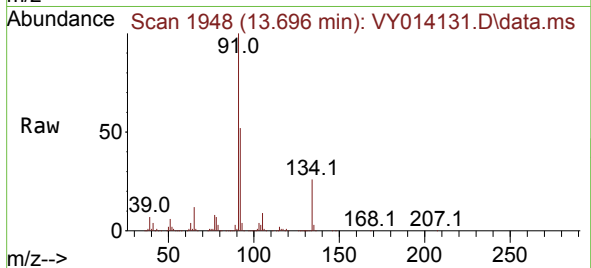
Tgt Ion: 91 Resp: 545912

Ion Ratio Lower Upper

91 100

92 51.1 25.4 76.0

134 26.0 12.6 37.6



#90

Hexachloroethane

Concen: 54.668 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.005 min

Lab File: VY014131.D

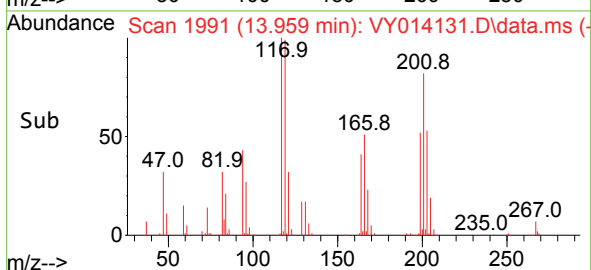
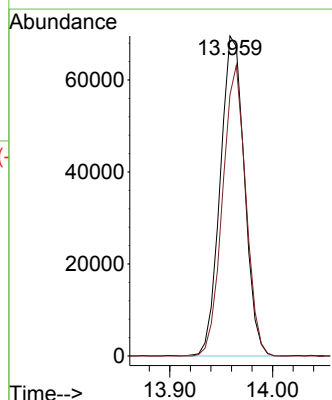
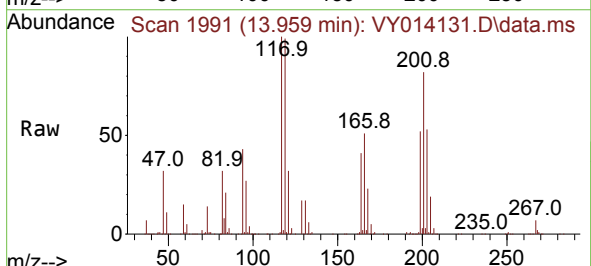
Acq: 13 Jun 2023 10:56

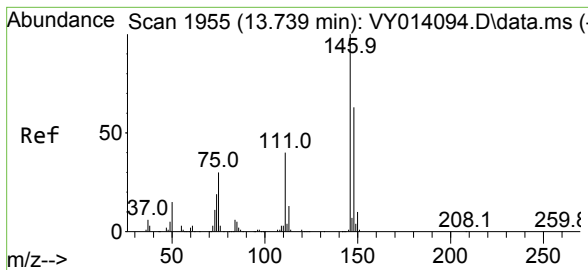
Tgt Ion: 117 Resp: 113684

Ion Ratio Lower Upper

117 100

201 87.1 41.6 124.8

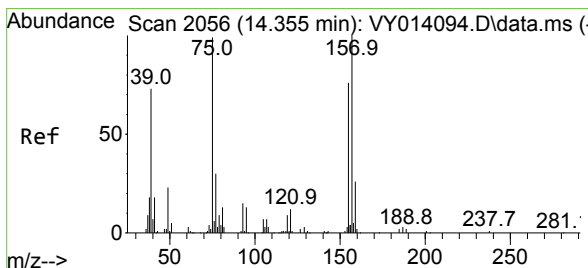
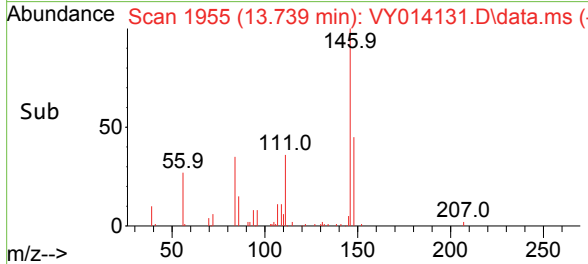
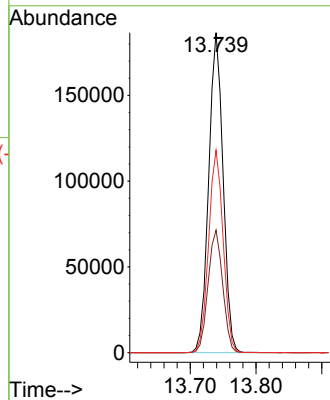
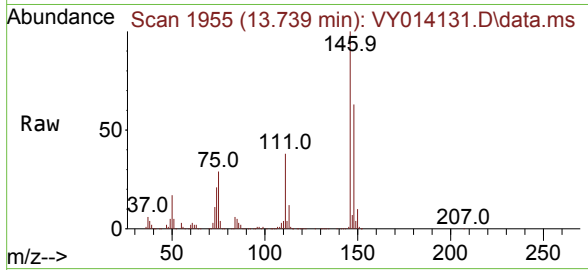




#91
 1,2-Dichlorobenzene
 Concen: 54.594 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY014131.D
 Acq: 13 Jun 2023 10:56

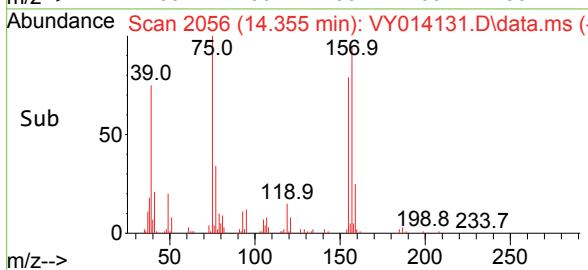
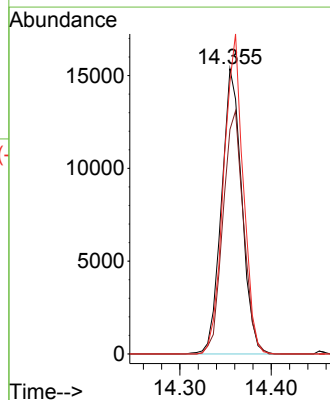
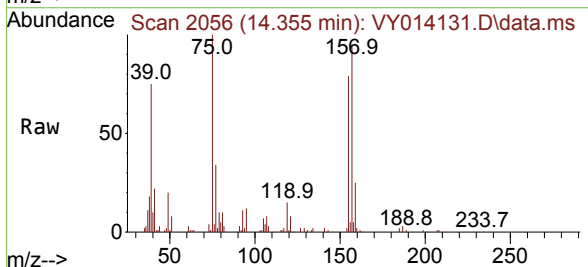
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

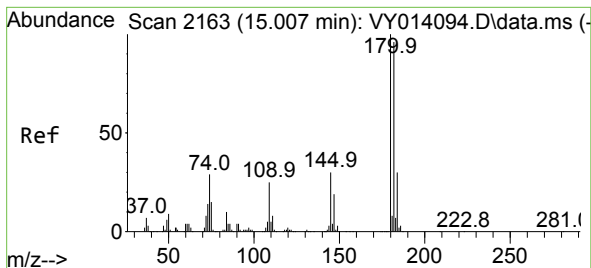
Tgt Ion:146 Resp: 283627
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.7 59.0
 148 63.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.469 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY014131.D
 Acq: 13 Jun 2023 10:56

Tgt Ion: 75 Resp: 23773
 Ion Ratio Lower Upper
 75 100
 155 86.0 41.5 124.6
 157 107.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 55.460 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014131.D

Acq: 13 Jun 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

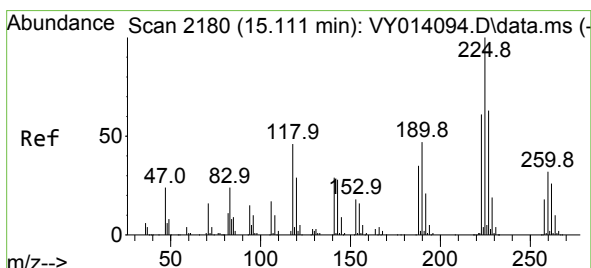
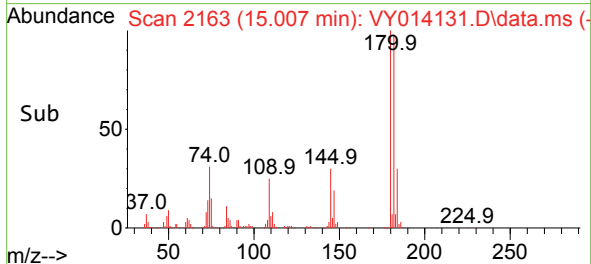
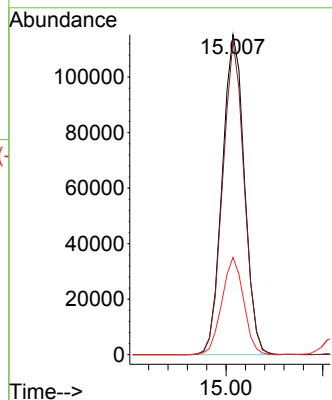
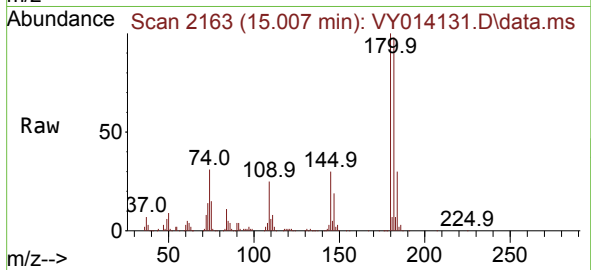
Tgt Ion:180 Resp: 182521

Ion Ratio Lower Upper

180 100

182 95.5 47.0 141.2

145 29.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 57.412 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014131.D

Acq: 13 Jun 2023 10:56

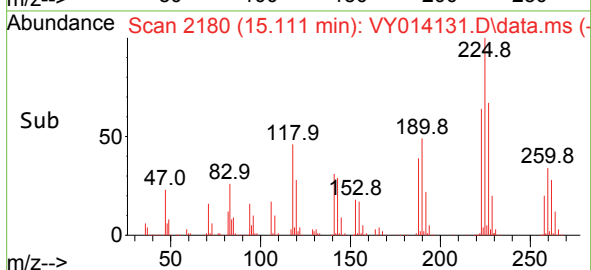
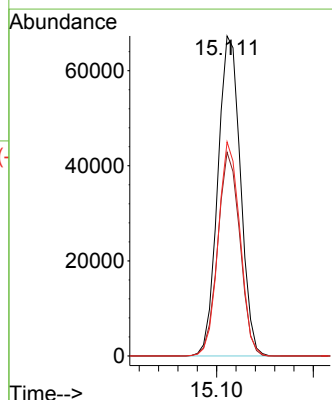
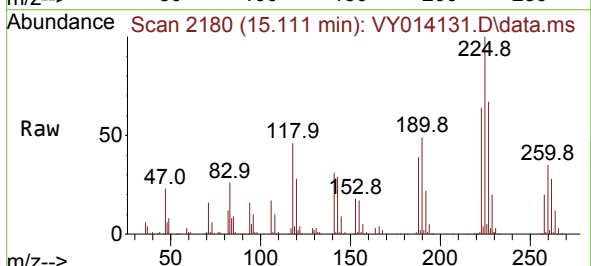
Tgt Ion:225 Resp: 109085

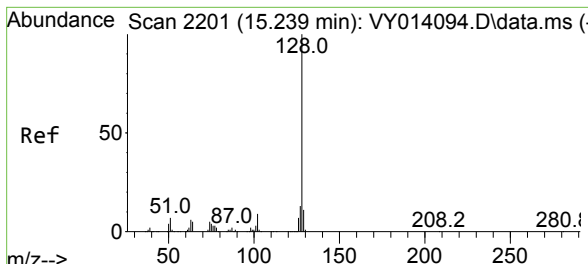
Ion Ratio Lower Upper

225 100

223 62.4 31.9 95.9

227 64.4 33.0 98.9



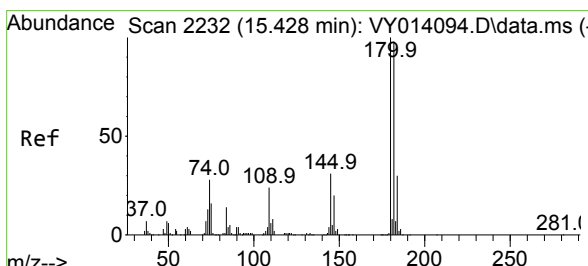
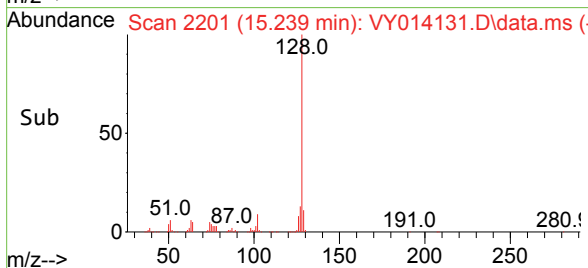
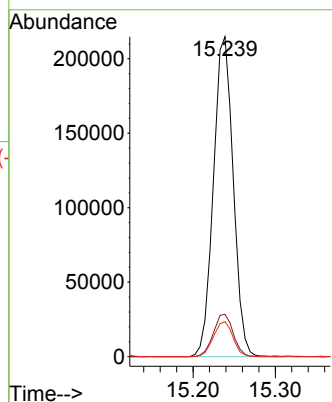
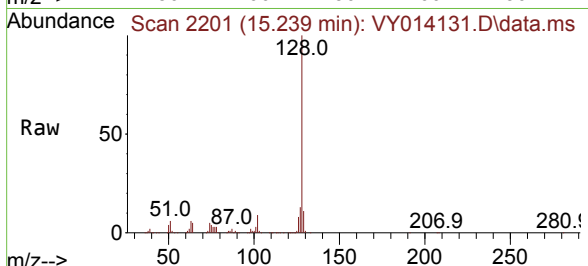


#95
Naphthalene
Concen: 53.799 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 359383

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.8	16.2
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.780 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY014131.D
Acq: 13 Jun 2023 10:56

Tgt Ion:180 Resp: 162909

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.3	141.8
145	31.0	15.4	46.2

