

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
 Data File : VY014154.D
 Acq On : 14 Jun 2023 15:04
 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 15 01:40:37 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	7.789	168	210267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	310413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	297397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	164013	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	133282	45.520	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.040%
35) Dibromofluoromethane	7.721	113	118703	53.922	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.840%
50) Toluene-d8	10.184	98	403233	48.995	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.000%
62) 4-Bromofluorobenzene	12.483	95	162857	55.705	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.905	85	112869	48.165	ug/l	97
3) Chloromethane	2.113	50	137014	46.112	ug/l	98
4) Vinyl Chloride	2.253	62	144856	50.143	ug/l	97
5) Bromomethane	2.649	94	99535	41.759	ug/l	98
6) Chloroethane	2.796	64	89668	45.679	ug/l	96
7) Trichlorofluoromethane	3.125	101	236271	50.343	ug/l	99
8) Diethyl Ether	3.533	74	72059	45.982	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	121634	51.353	ug/l	98
10) Methyl Iodide	4.094	142	158989	50.834	ug/l	99
11) Tert butyl alcohol	4.960	59	78879	231.159	ug/l #	84
12) 1,1-Dichloroethene	3.875	96	117360	48.884	ug/l	95
13) Acrolein	3.728	56	45668	334.613	ug/l	97
14) Allyl chloride	4.478	41	210857	48.453	ug/l	98
15) Acrylonitrile	5.161	53	183838	227.434	ug/l	99
16) Acetone	3.948	43	298757	338.500	ug/l	100
17) Carbon Disulfide	4.198	76	388977	49.999	ug/l	100
18) Methyl Acetate	4.478	43	154161	45.000	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	327427	46.242	ug/l	99
20) Methylene Chloride	4.716	84	143357	50.945	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	129698	48.436	ug/l	95
22) Diisopropyl ether	6.124	45	400162	48.026	ug/l	93
23) Vinyl Acetate	6.063	43	1173377	238.678	ug/l	100
24) 1,1-Dichloroethane	6.014	63	228152	47.491	ug/l	97
25) 2-Butanone	6.990	43	315321	290.236	ug/l	99
26) 2,2-Dichloropropane	6.984	77	219151	48.569	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	144840	48.353	ug/l	99
28) Bromochloromethane	7.337	49	86145	44.094	ug/l	95
29) Tetrahydrofuran	7.350	42	160358	232.768	ug/l	97
30) Chloroform	7.508	83	244458	47.965	ug/l	98
31) Cyclohexane	7.789	56	200300	51.066	ug/l	96
32) 1,1,1-Trichloroethane	7.703	97	228130	49.629	ug/l	99
36) 1,1-Dichloropropene	7.923	75	180890	52.707	ug/l	99
37) Ethyl Acetate	7.075	43	110293	46.576	ug/l	98
38) Carbon Tetrachloride	7.904	117	213159	53.822	ug/l	98
39) Methylcyclohexane	9.185	83	212412	55.783	ug/l	97
40) Benzene	8.160	78	516178	50.579	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
 Data File : VY014154.D
 Acq On : 14 Jun 2023 15:04
 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 15 01:40:37 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)
41) Methacrylonitrile	7.350	41	159034	131.594	ug/l #	28
42) 1,2-Dichloroethane	8.240	62	179595	49.765	ug/l	100
43) Isopropyl Acetate	8.276	43	202098	48.694	ug/l	99
44) Trichloroethene	8.941	130	141279	51.815	ug/l	98
45) 1,2-Dichloropropane	9.215	63	127809	49.306	ug/l	99
46) Dibromomethane	9.307	93	77400	48.508	ug/l	100
47) Bromodichloromethane	9.496	83	186406	49.894	ug/l	99
48) Methyl methacrylate	9.294	41	97442	50.337	ug/l	97
49) 1,4-Dioxane	9.300	88	20050	988.916	ug/l #	59
51) 4-Methyl-2-Pentanone	10.069	43	549871	243.861	ug/l	100
52) Toluene	10.245	92	327388	51.750	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	199231	50.656	ug/l	100
54) cis-1,3-Dichloropropene	9.928	75	213176	49.678	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	103159	48.743	ug/l	96
56) Ethyl methacrylate	10.514	69	146116	50.054	ug/l	98
57) 1,3-Dichloropropane	10.794	76	175979	48.618	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	343939	262.110	ug/l	98
59) 2-Hexanone	10.831	43	452179	277.652	ug/l	100
60) Dibromochloromethane	10.989	129	134365	49.604	ug/l	99
61) 1,2-Dibromoethane	11.093	107	104144	49.861	ug/l	100
64) Tetrachloroethene	10.721	164	128538	50.707	ug/l	98
65) Chlorobenzene	11.520	112	349000	48.839	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	136234	48.470	ug/l	99
67) Ethyl Benzene	11.593	91	631729	50.505	ug/l	99
68) m/p-Xylenes	11.703	106	498479	103.608	ug/l	99
69) o-Xylene	12.032	106	230078	50.581	ug/l	97
70) Styrene	12.044	104	400653	51.608	ug/l	100
71) Bromoform	12.209	173	91726	47.652	ug/l #	99
73) Isopropylbenzene	12.330	105	616146	49.245	ug/l	100
74) N-amyl acetate	12.148	43	187715	47.344	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.580	83	123860	44.303	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	170847	79.397	ug/l #	100
77) Bromobenzene	12.611	156	154771	47.064	ug/l	95
78) n-propylbenzene	12.672	91	758636	49.641	ug/l	99
79) 2-Chlorotoluene	12.757	91	425297	48.366	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	527666	49.253	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	46592	46.804	ug/l	97
82) 4-Chlorotoluene	12.855	91	444234	47.673	ug/l	99
83) tert-Butylbenzene	13.074	119	462408	50.791	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	524712	49.478	ug/l	99
85) sec-Butylbenzene	13.257	105	661185	49.953	ug/l	99
86) p-Isopropyltoluene	13.373	119	562956	49.696	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	302673	48.206	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	297920	47.094	ug/l	99
89) n-Butylbenzene	13.696	91	530521	50.493	ug/l	99
90) Hexachloroethane	13.964	117	108793	48.197	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	269418	47.776	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	24045	45.163	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	175761	49.200	ug/l	99
94) Hexachlorobutadiene	15.117	225	106242	51.513	ug/l	99
95) Naphthalene	15.238	128	347509	47.926	ug/l	100
96) 1,2,3-Trichlorobenzene	15.427	180	153215	47.464	ug/l	99

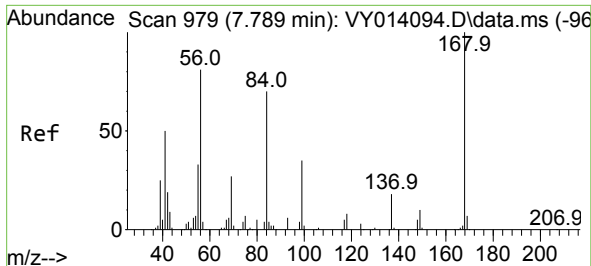
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
Data File : VY014154.D
Acq On : 14 Jun 2023 15:04
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Jun 15 01:40:37 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)
----------	------	------	----------	------	-------	----------

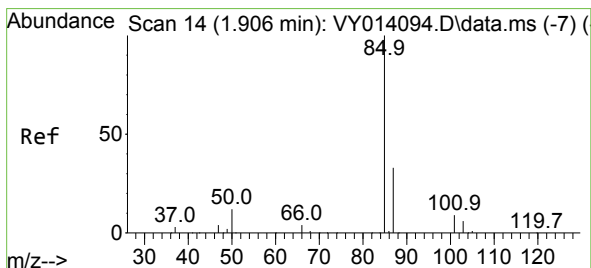
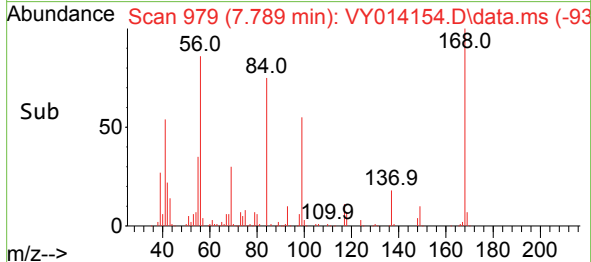
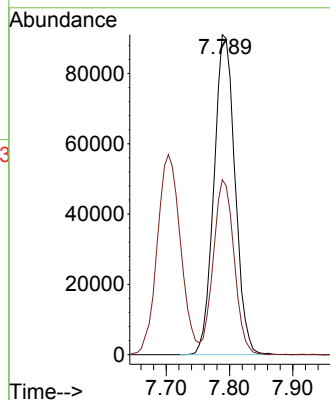
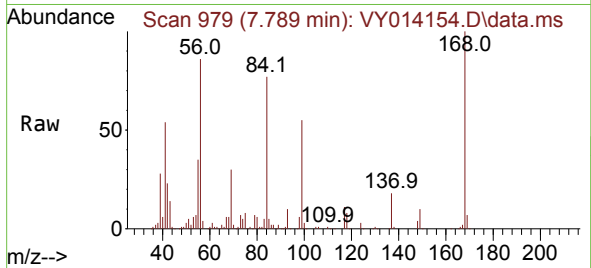
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

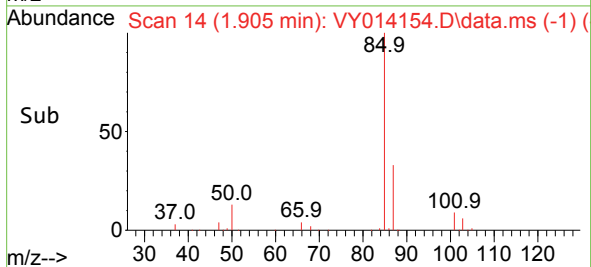
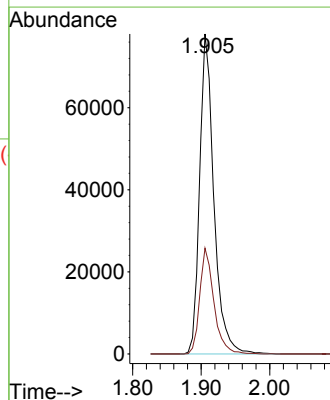
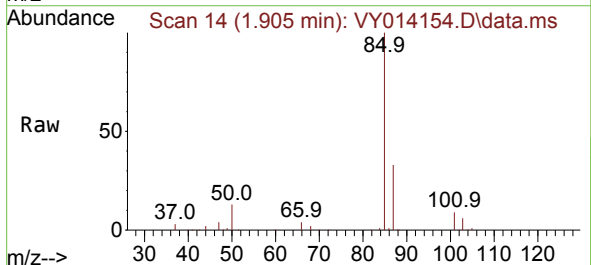
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

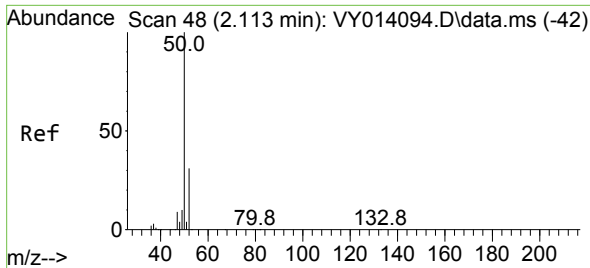
Tgt Ion:168 Resp: 210267
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 48.165 ug/l
RT: 1.905 min Scan# 14
Delta R.T. -0.001 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Tgt Ion: 85 Resp: 112869
Ion Ratio Lower Upper
85 100
87 33.1 15.6 46.8

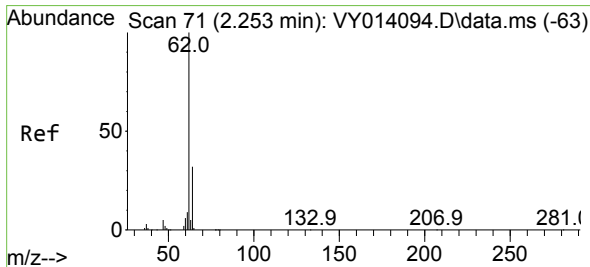
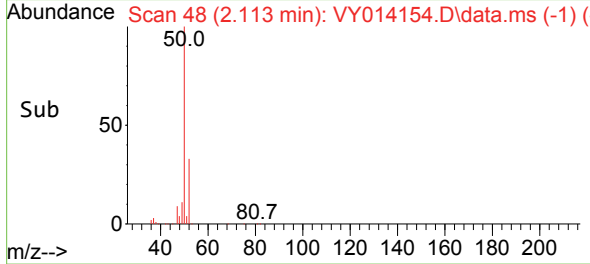
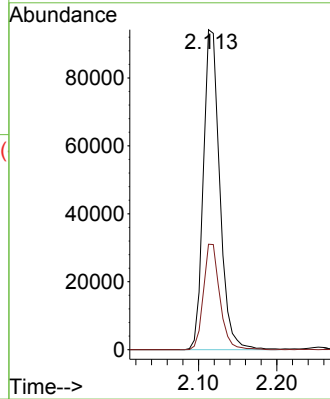
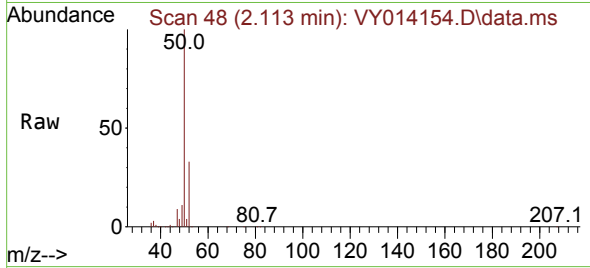




#3
Chloromethane
Concen: 46.112 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

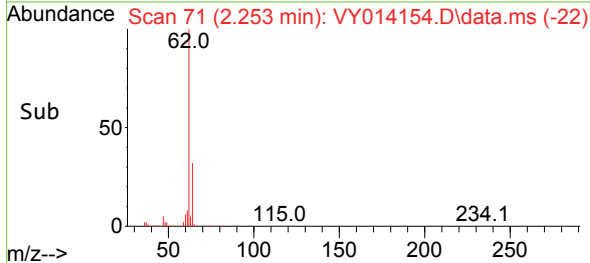
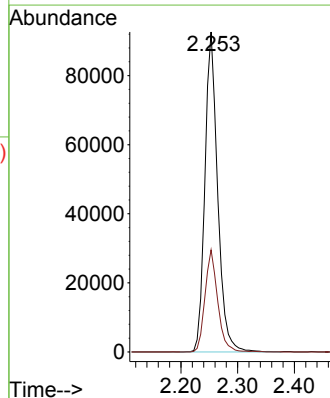
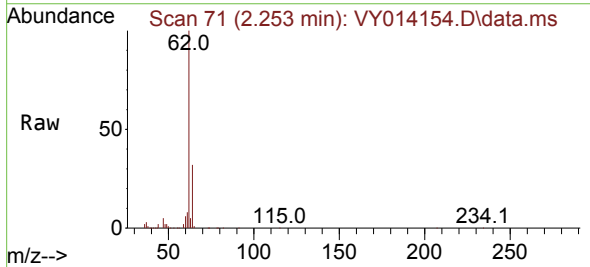
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

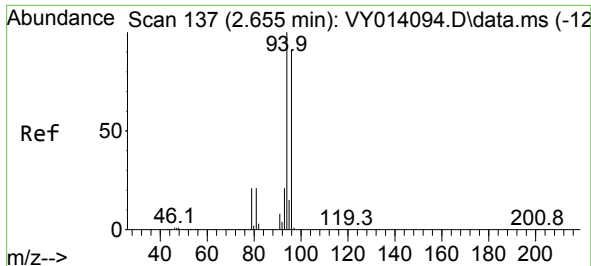
Tgt Ion: 50 Resp: 137014
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2



#4
Vinyl Chloride
Concen: 50.143 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Tgt Ion: 62 Resp: 144856
Ion Ratio Lower Upper
62 100
64 31.9 24.3 36.5

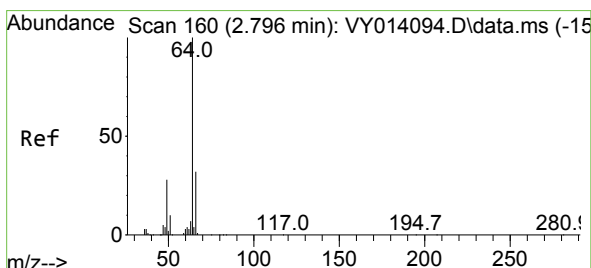
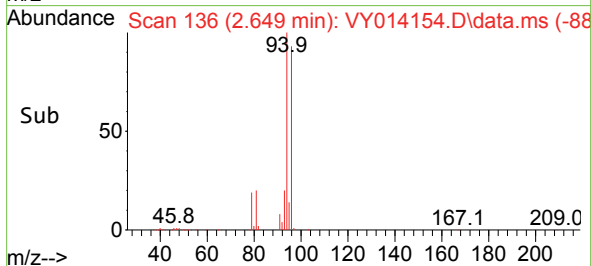
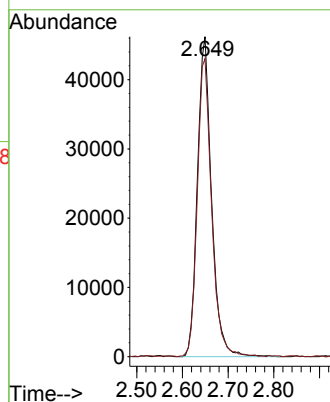
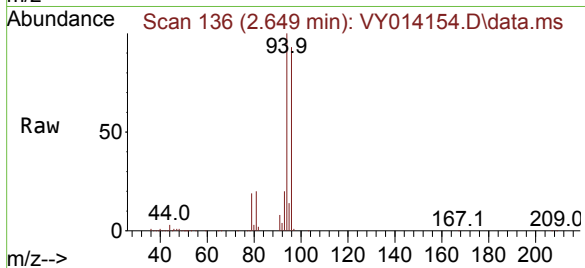




#5
Bromomethane
Concen: 41.759 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

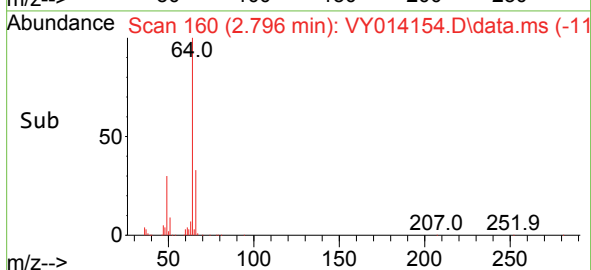
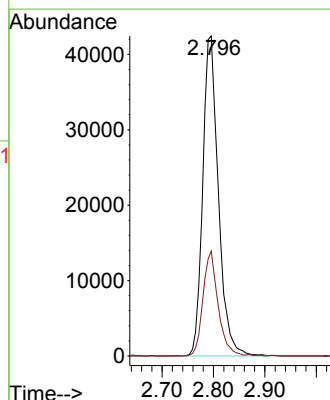
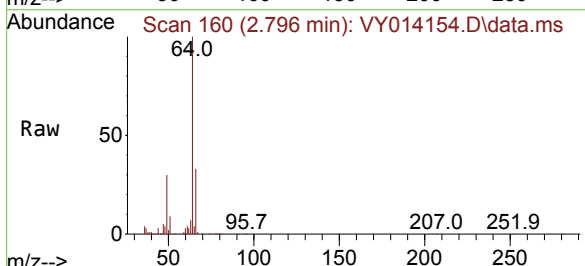
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

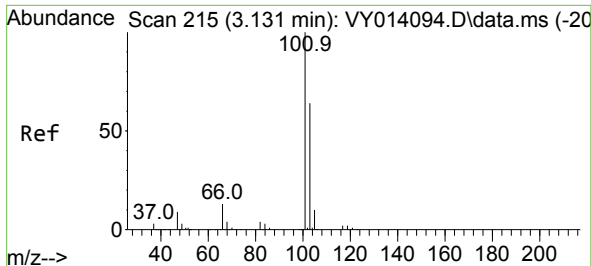
Tgt Ion: 94 Resp: 99535
Ion Ratio Lower Upper
94 100
96 93.0 75.8 113.6



#6
Chloroethane
Concen: 45.679 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Tgt Ion: 64 Resp: 89668
Ion Ratio Lower Upper
64 100
66 32.8 24.4 36.6

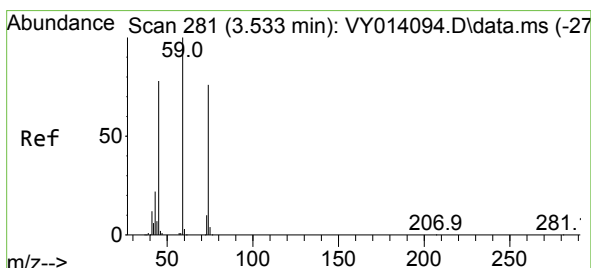
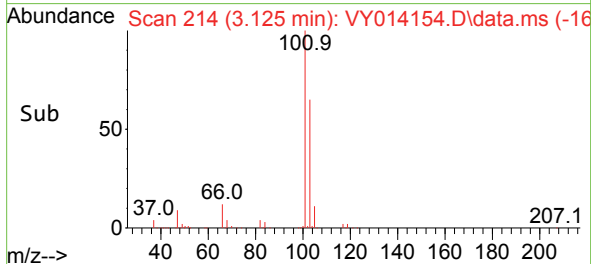
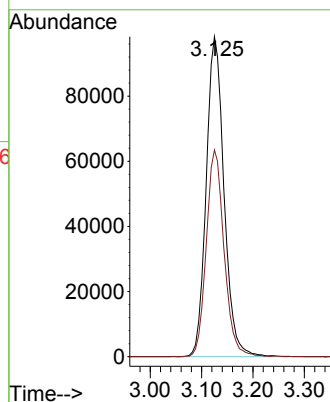
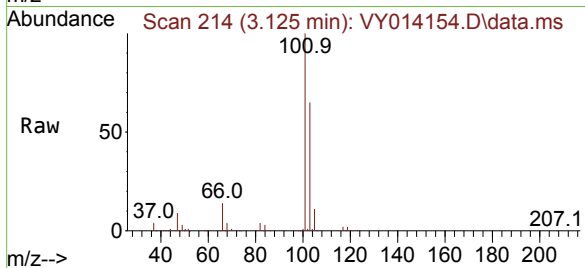




#7
Trichlorofluoromethane
Concen: 50.343 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

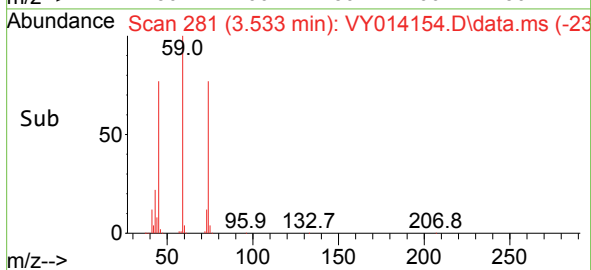
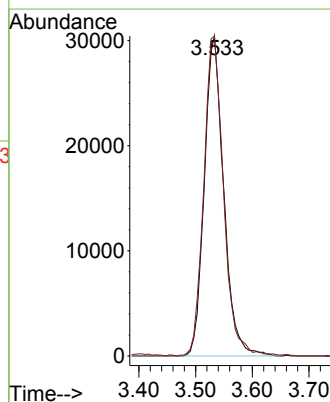
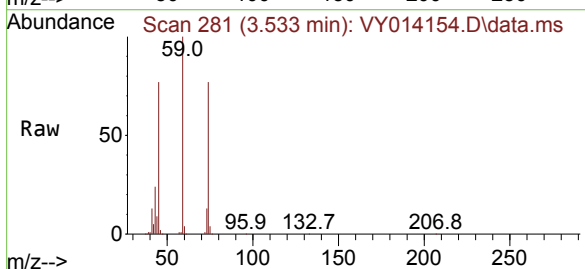
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

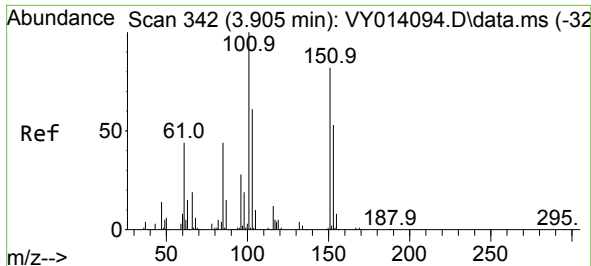
Tgt Ion:101 Resp: 236271
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0



#8
Diethyl Ether
Concen: 45.982 ug/l
RT: 3.533 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Tgt Ion: 74 Resp: 72059
Ion Ratio Lower Upper
74 100
45 102.4 51.5 154.5

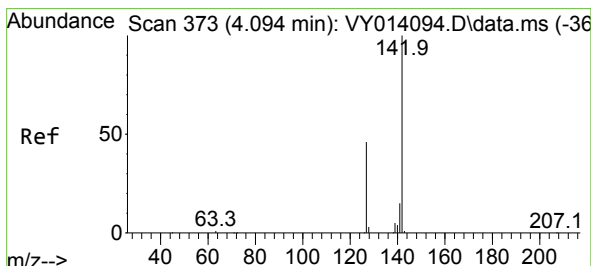
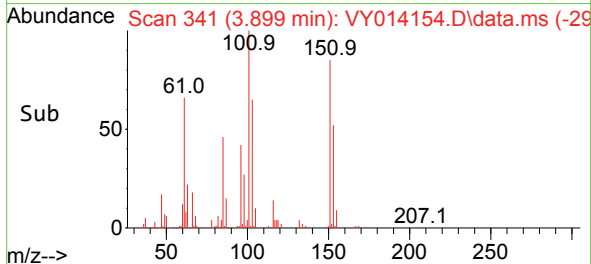
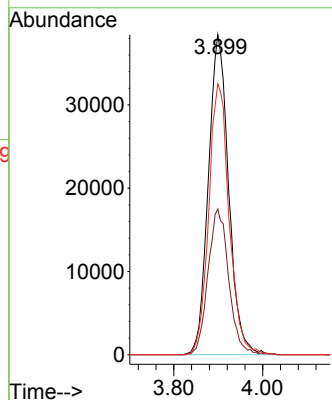
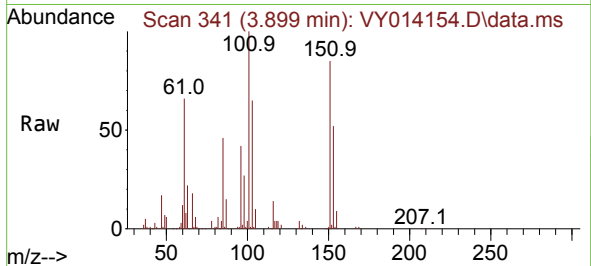




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.353 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

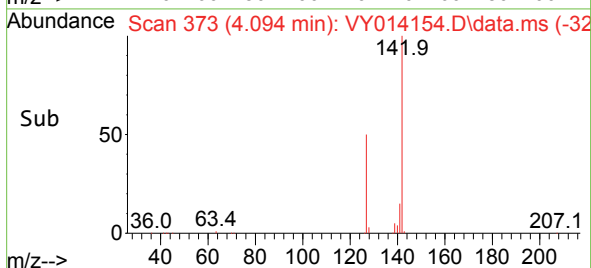
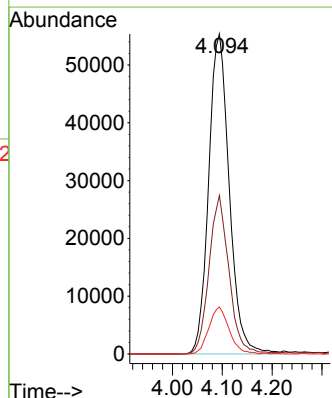
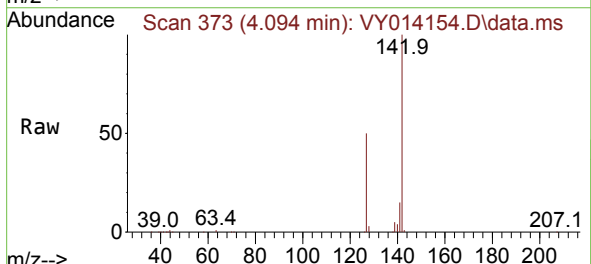
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

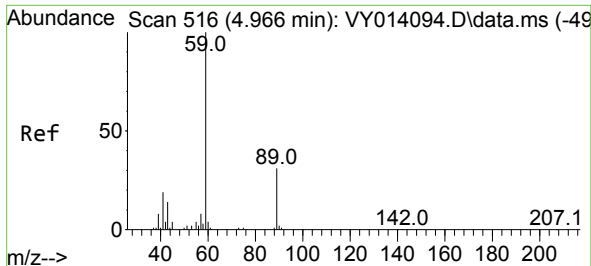
Tgt Ion:101 Resp: 121634
Ion Ratio Lower Upper
101 100
85 46.7 36.6 55.0
151 85.6 67.0 100.6



#10
Methyl Iodide
Concen: 50.834 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Tgt Ion:142 Resp: 158989
Ion Ratio Lower Upper
142 100
127 48.0 37.6 56.4
141 14.4 11.8 17.8





#11

Tert butyl alcohol

Concen: 231.159 ug/l

RT: 4.960 min Scan# 516

Delta R.T. -0.006 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

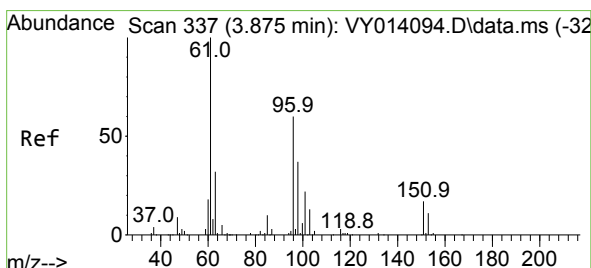
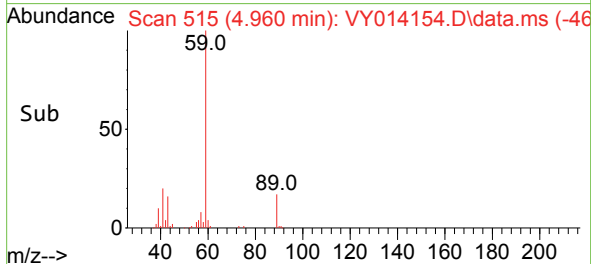
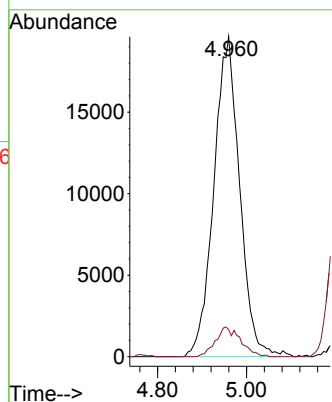
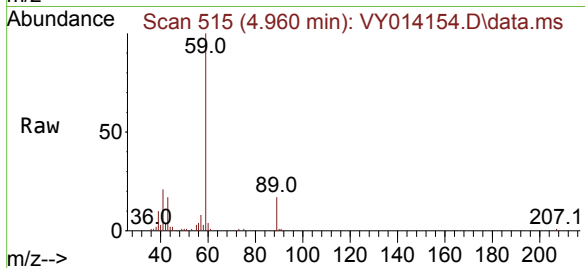
VSTDCCC050

Tgt Ion: 59 Resp: 78879

Ion Ratio Lower Upper

59 100

57 9.0 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 48.884 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.000 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

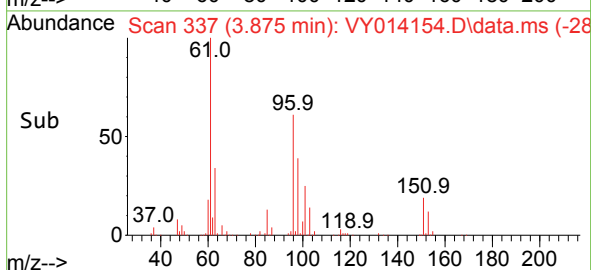
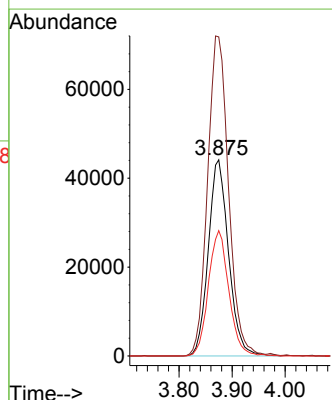
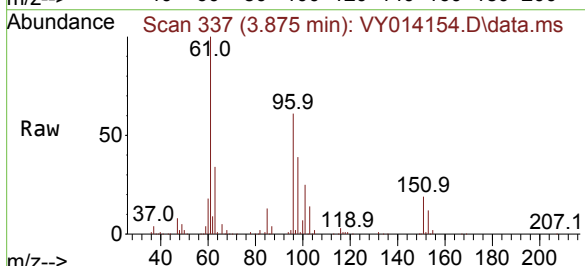
Tgt Ion: 96 Resp: 117360

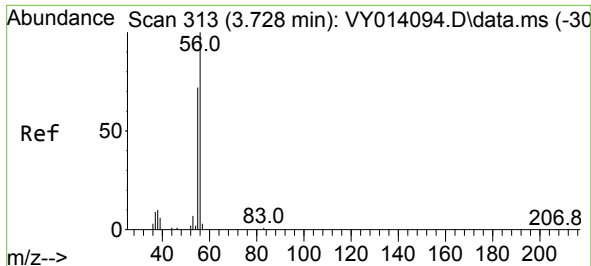
Ion Ratio Lower Upper

96 100

61 162.6 136.4 204.6

98 63.8 49.4 74.2

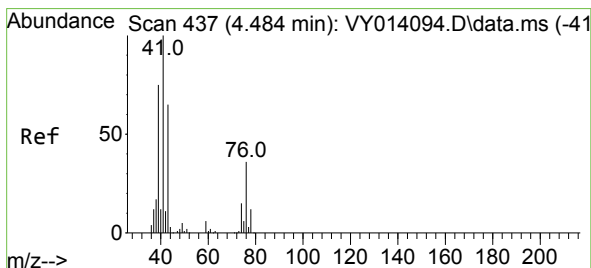
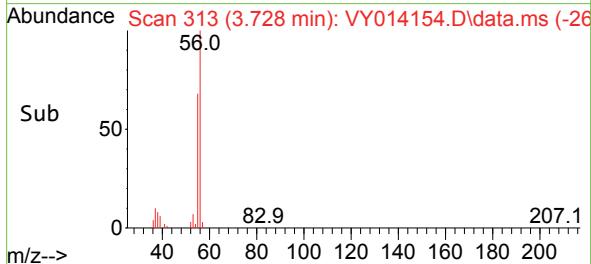
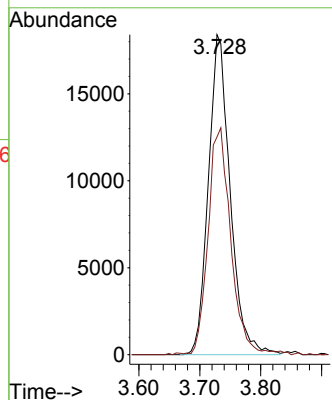
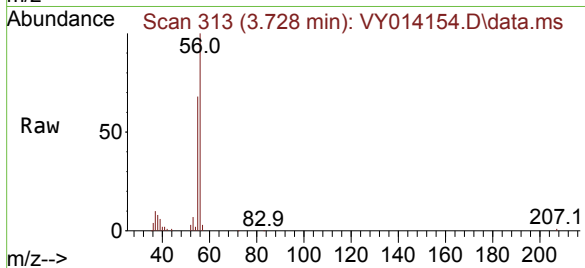




#13
Acrolein
Concen: 334.613 ug/l
RT: 3.728 min Scan# 313
Delta R.T. 0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

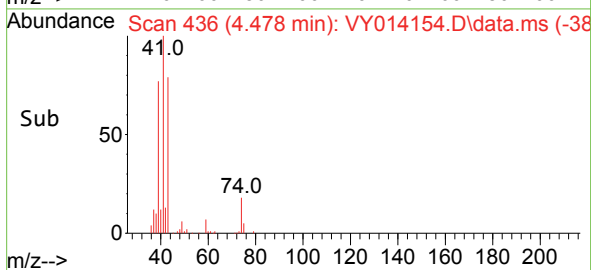
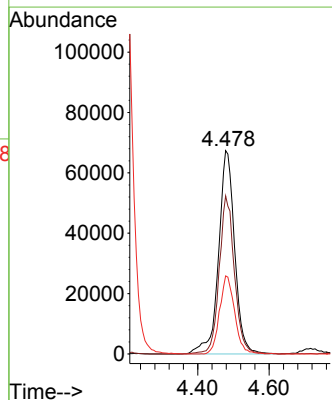
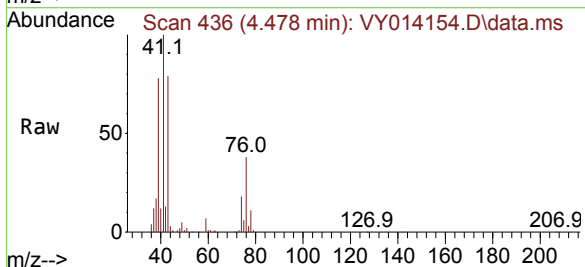
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

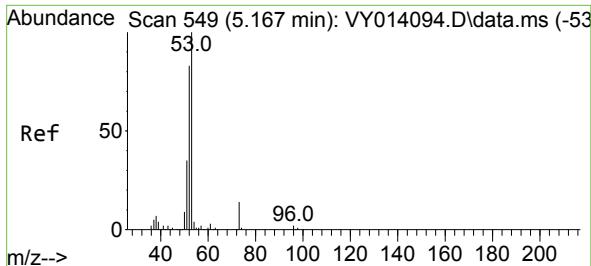
Tgt Ion: 56 Resp: 45668
Ion Ratio Lower Upper
56 100
55 74.0 57.0 85.4



#14
Allyl chloride
Concen: 48.453 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Tgt Ion: 41 Resp: 210857
Ion Ratio Lower Upper
41 100
39 73.5 58.0 87.0
76 35.9 27.4 41.2

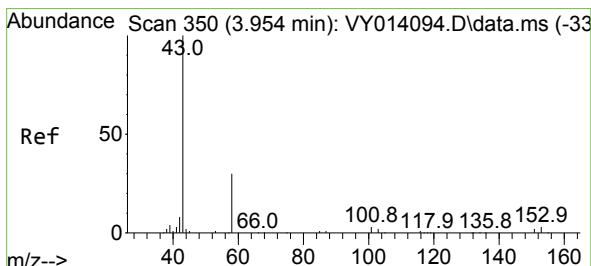
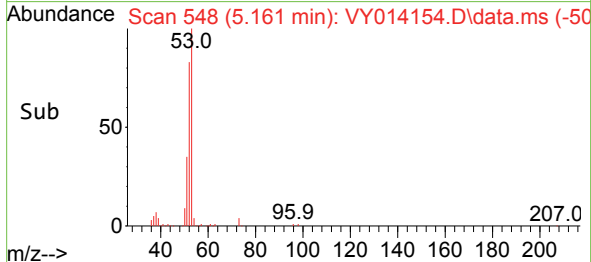
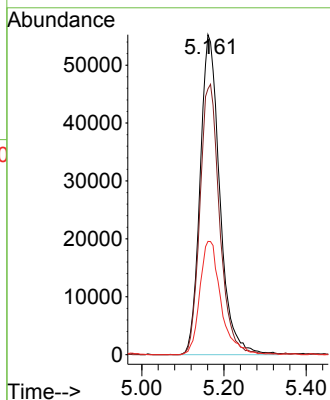
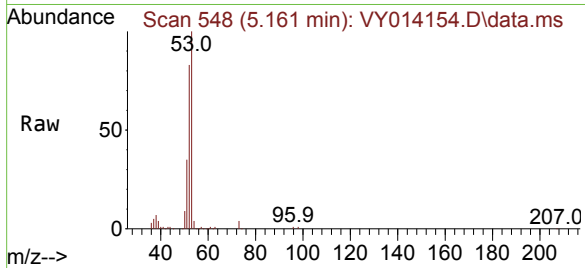




#15
Acrylonitrile
Concen: 227.434 ug/l
RT: 5.161 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

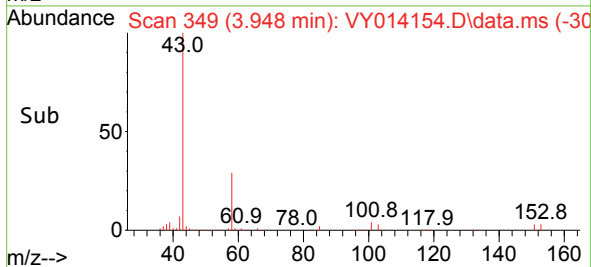
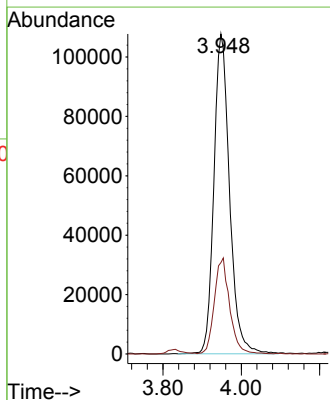
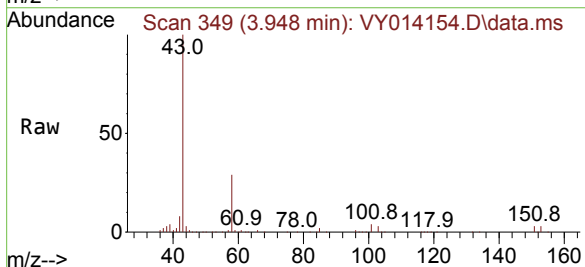
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

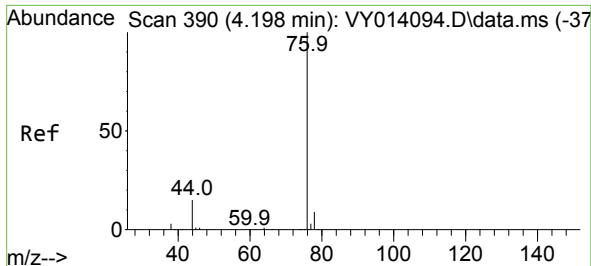
Tgt Ion: 53 Resp: 183838
Ion Ratio Lower Upper
53 100
52 84.3 66.9 100.3
51 38.1 29.8 44.6



#16
Acetone
Concen: 338.500 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Tgt Ion: 43 Resp: 298757
Ion Ratio Lower Upper
43 100
58 28.4 22.7 34.1

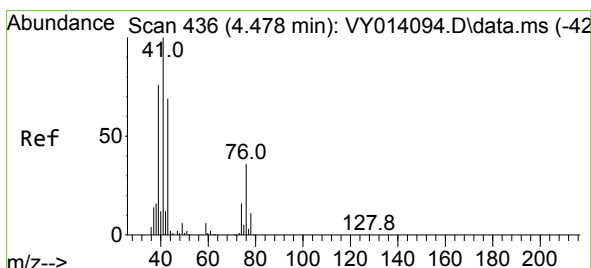
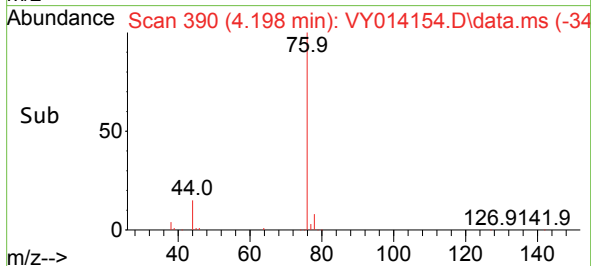
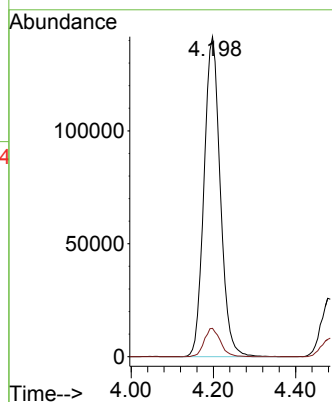
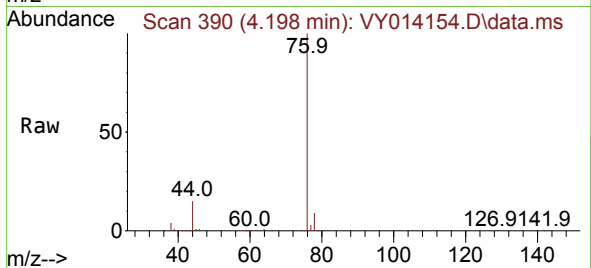




#17
Carbon Disulfide
Concen: 49.999 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

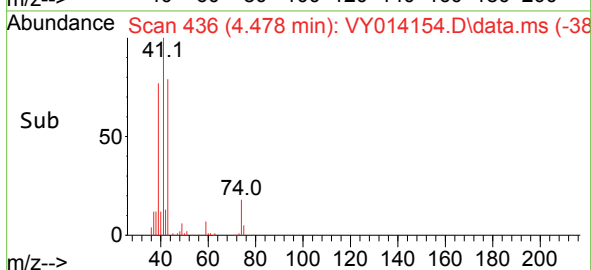
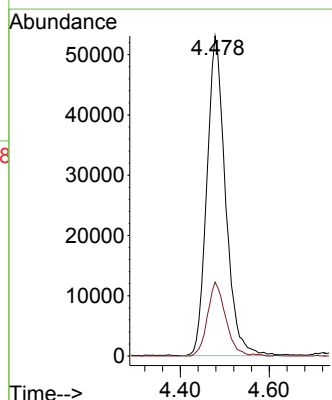
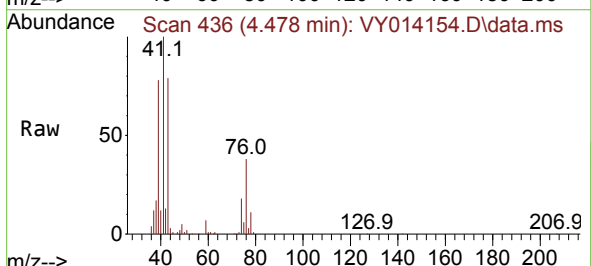
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

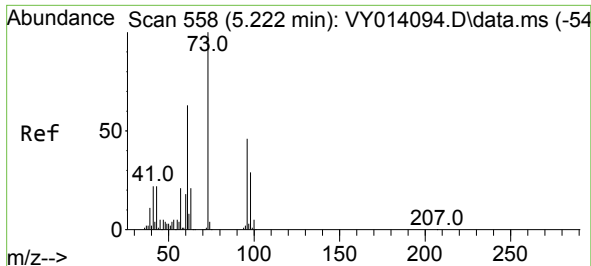
Tgt Ion: 76 Resp: 388977
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 45.000 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Tgt Ion: 43 Resp: 154161
Ion Ratio Lower Upper
43 100
74 22.5 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 46.242 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

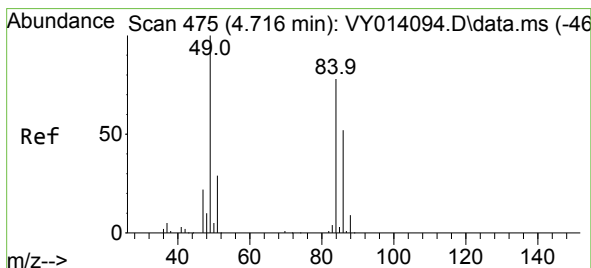
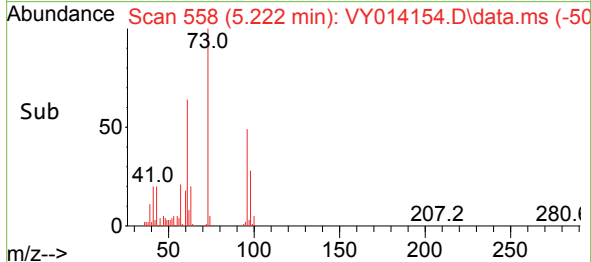
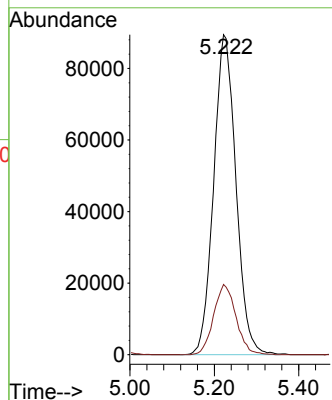
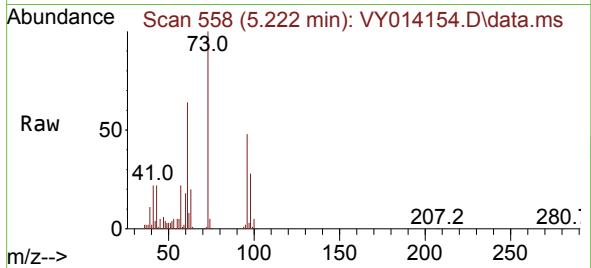
VSTDCCC050

Tgt Ion: 73 Resp: 327427

Ion Ratio Lower Upper

73 100

57 21.9 17.3 25.9



#20

Methylene Chloride

Concen: 50.945 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

Tgt Ion: 84 Resp: 143357

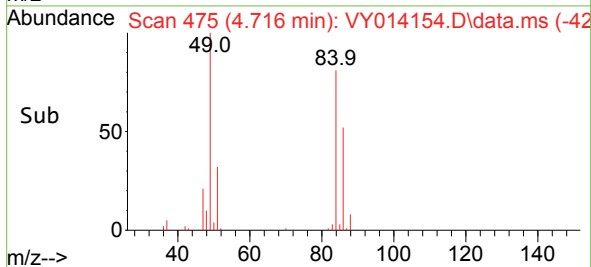
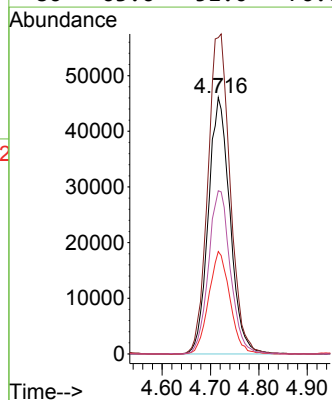
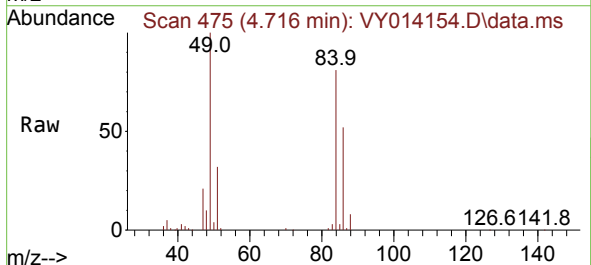
Ion Ratio Lower Upper

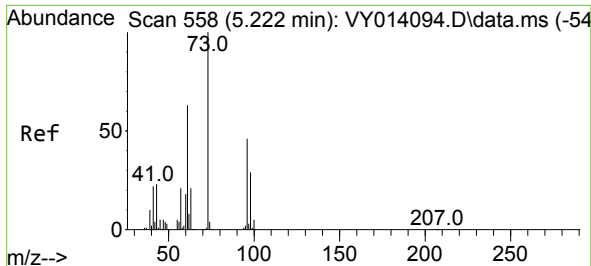
84 100

49 123.4 106.9 160.3

51 39.9 33.2 49.8

86 63.6 51.0 76.6

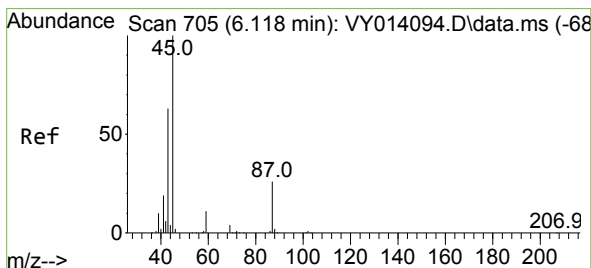
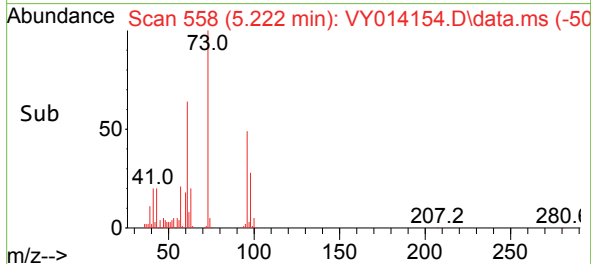
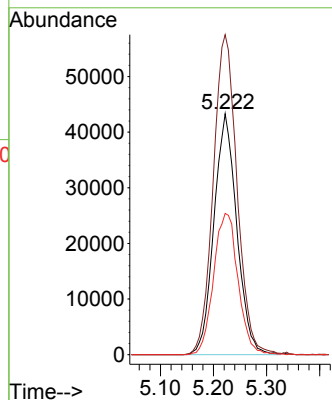
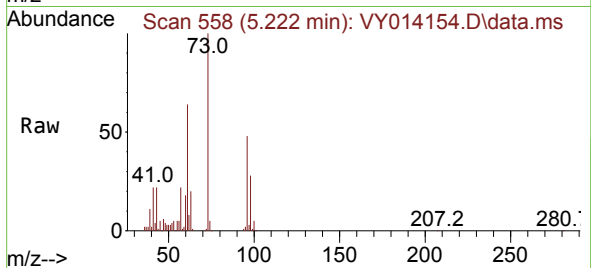




#21
trans-1,2-Dichloroethene
Concen: 48.436 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

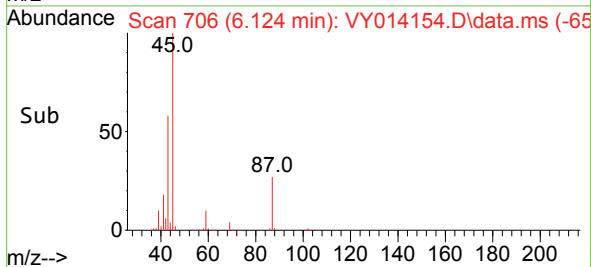
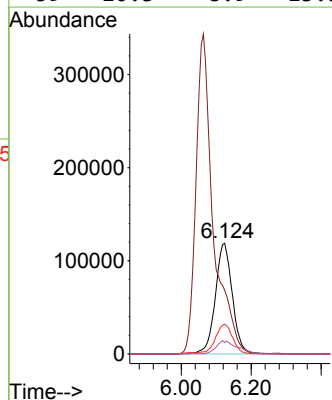
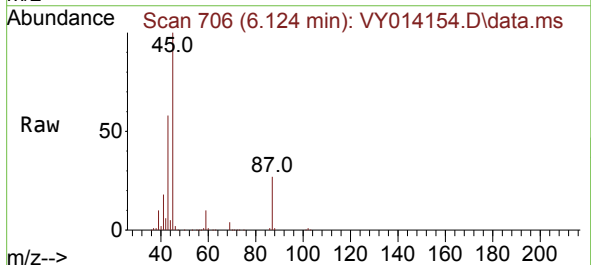
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

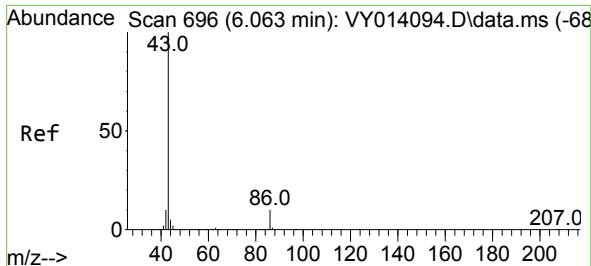
Tgt Ion: 96 Resp: 129698
Ion Ratio Lower Upper
96 100
61 132.8 110.2 165.4
98 58.6 51.8 77.6



#22
Diisopropyl ether
Concen: 48.026 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Tgt Ion: 45 Resp: 400162
Ion Ratio Lower Upper
45 100
43 57.2 52.2 78.4
87 26.9 21.0 31.6
59 10.3 8.9 13.3

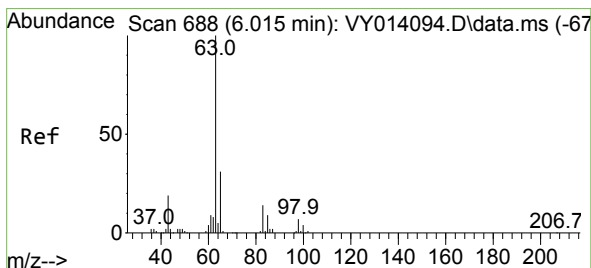
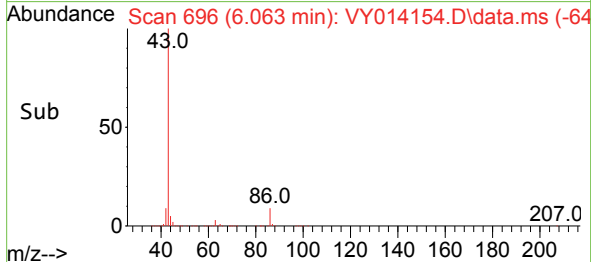
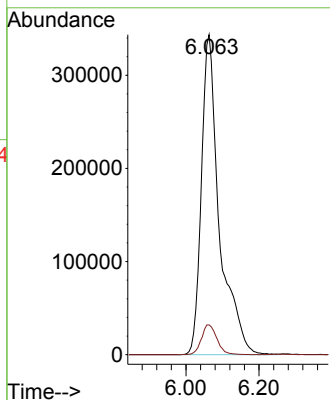
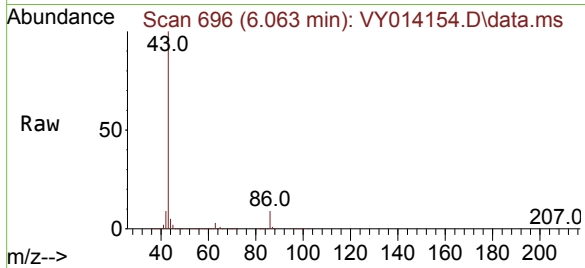




#23
 Vinyl Acetate
 Concen: 238.678 ug/l
 RT: 6.063 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY014154.D
 Acq: 14 Jun 2023 15:04

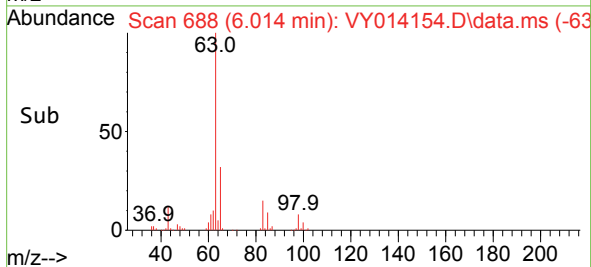
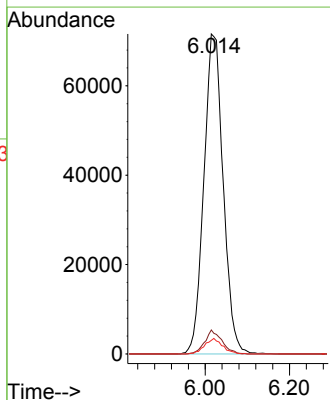
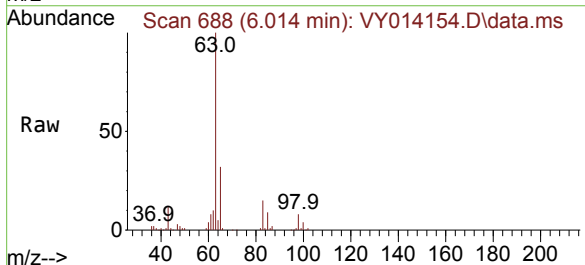
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

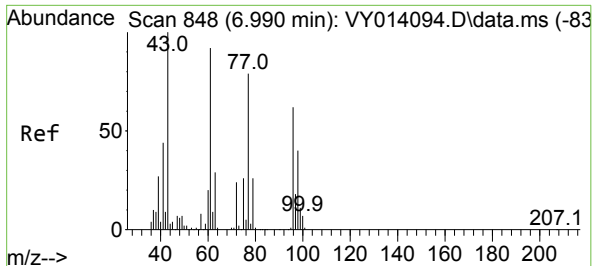
Tgt Ion: 43 Resp: 1173377
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 47.491 ug/l
 RT: 6.014 min Scan# 688
 Delta R.T. -0.001 min
 Lab File: VY014154.D
 Acq: 14 Jun 2023 15:04

Tgt Ion: 63 Resp: 228152
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 4.2 1.8 5.5

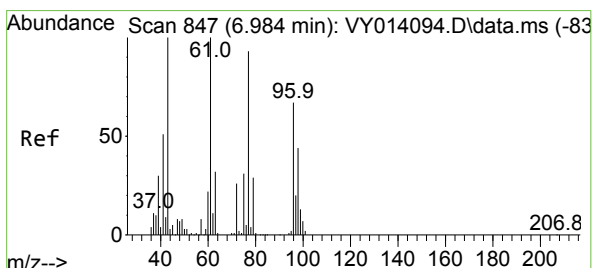
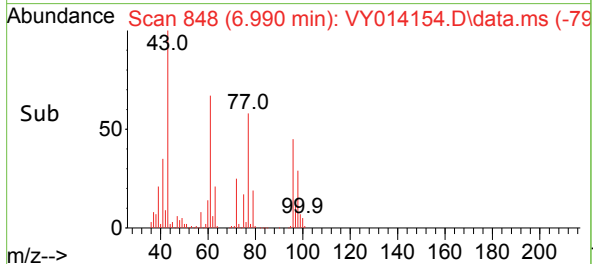
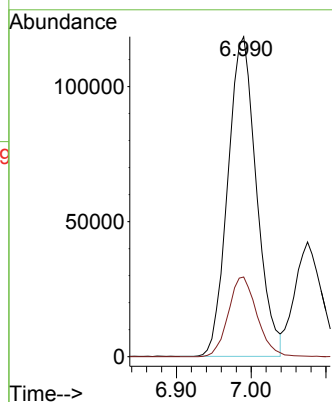
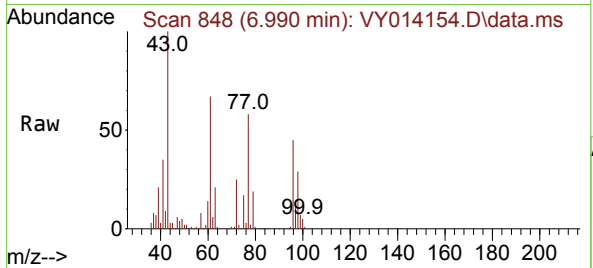




#25
2-Butanone
Concen: 290.236 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

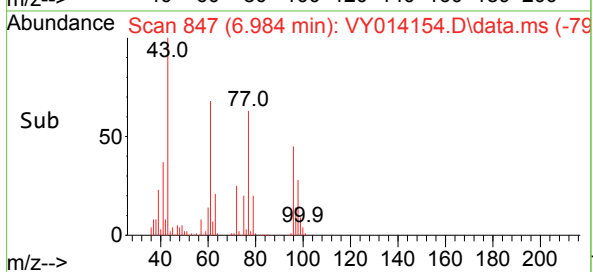
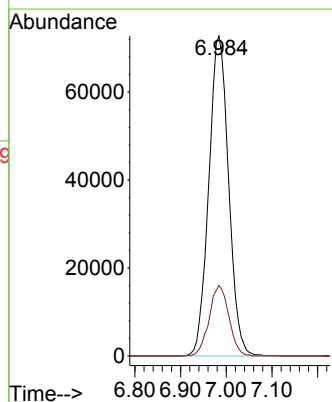
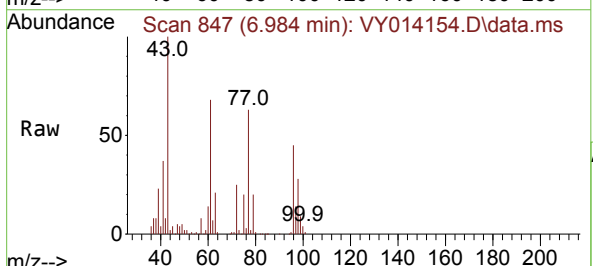
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

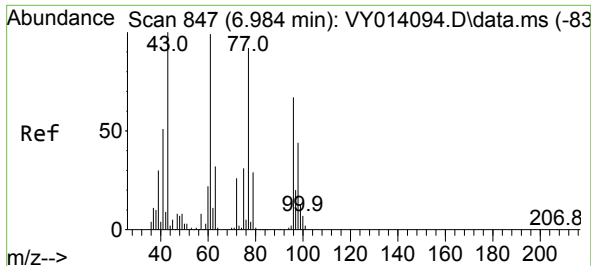
Tgt Ion: 43 Resp: 315321
Ion Ratio Lower Upper
43 100
72 24.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 48.569 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Tgt Ion: 77 Resp: 219151
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 48.353 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

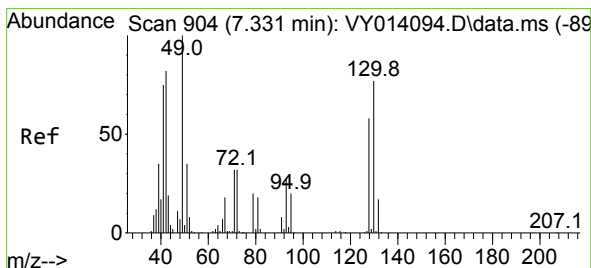
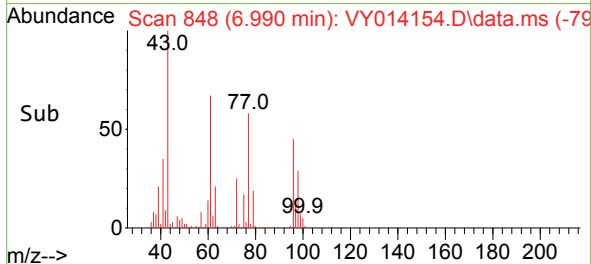
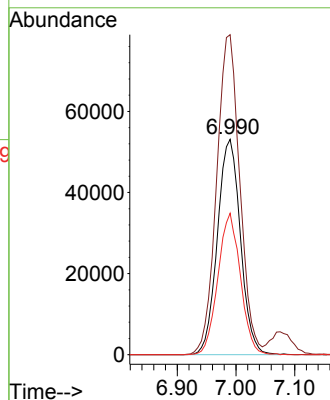
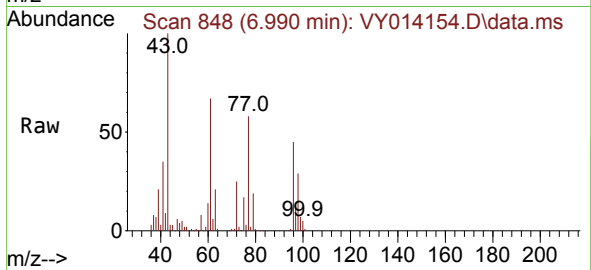
Tgt Ion: 96 Resp: 144840

Ion Ratio Lower Upper

96 100

61 149.4 0.0 301.4

98 64.1 0.0 130.4



#28

Bromochloromethane

Concen: 44.094 ug/l

RT: 7.337 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

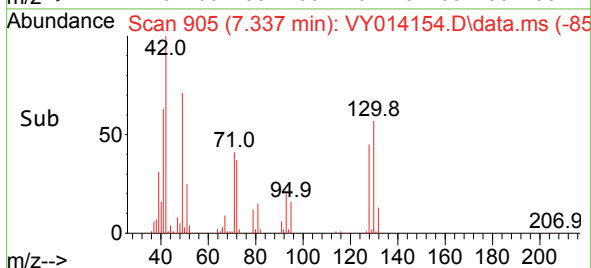
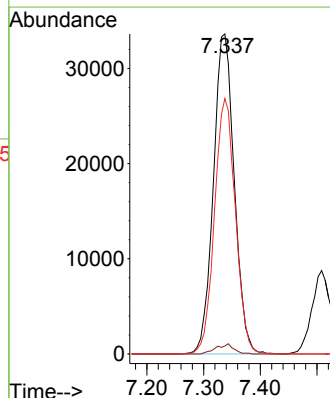
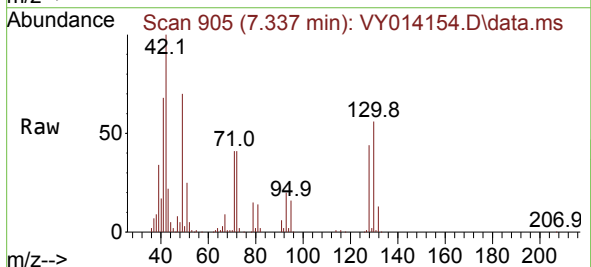
Tgt Ion: 49 Resp: 86145

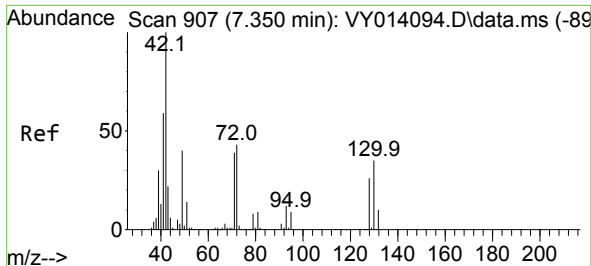
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

130 79.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 232.768 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

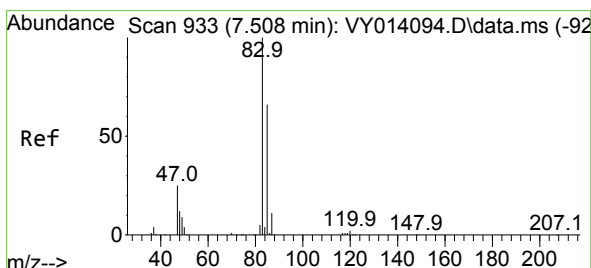
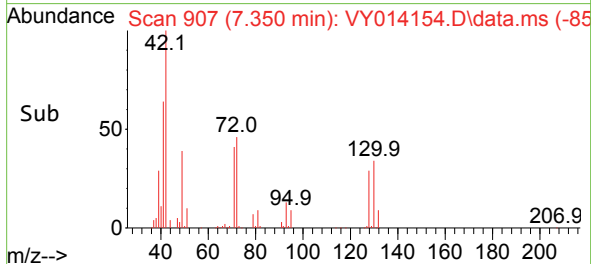
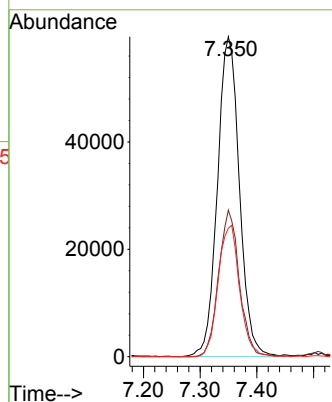
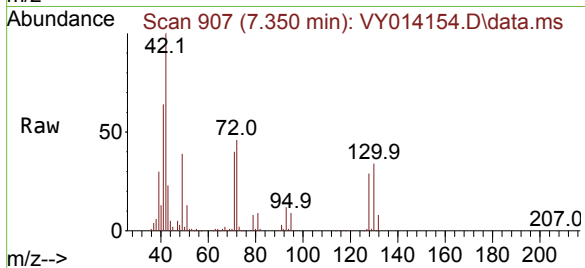
Tgt Ion: 42 Resp: 160358

Ion Ratio Lower Upper

42 100

72 43.3 32.8 49.2

71 40.2 31.0 46.4



#30

Chloroform

Concen: 47.965 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY014154.D

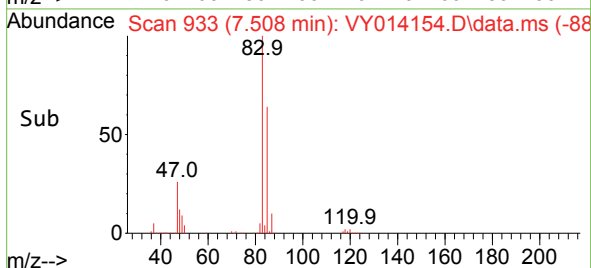
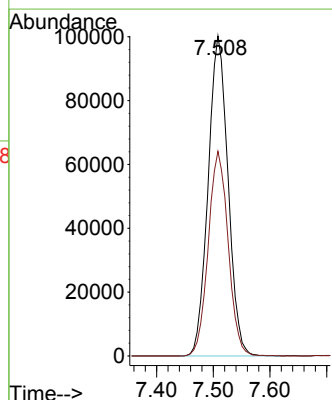
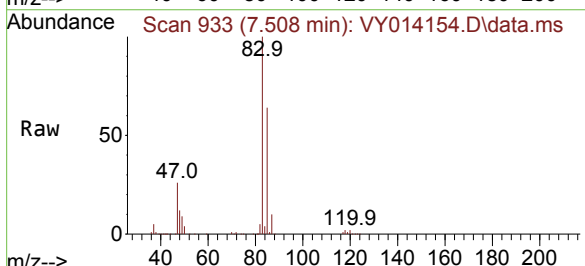
Acq: 14 Jun 2023 15:04

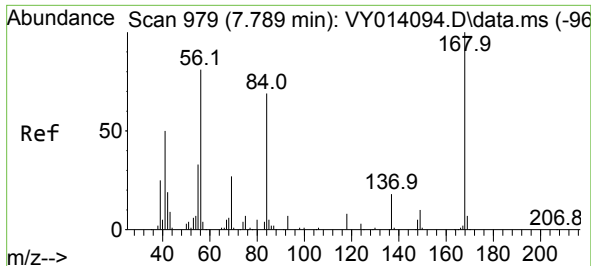
Tgt Ion: 83 Resp: 244458

Ion Ratio Lower Upper

83 100

85 64.0 49.7 74.5

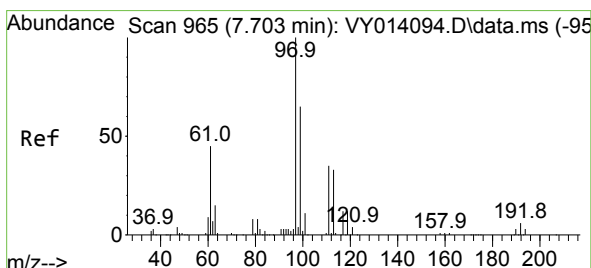
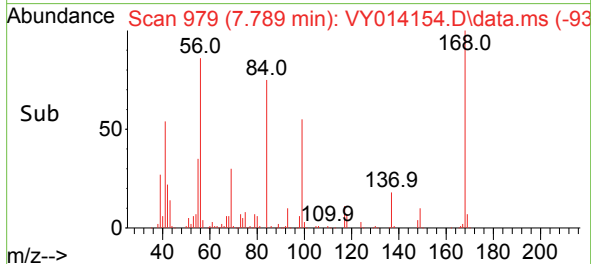
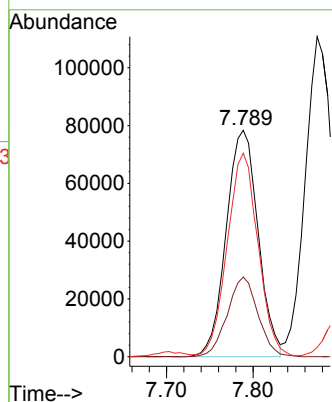
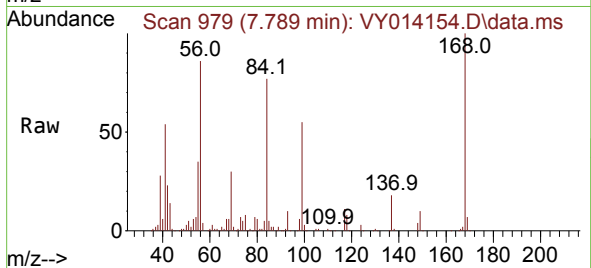




#31
Cyclohexane
Concen: 51.066 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

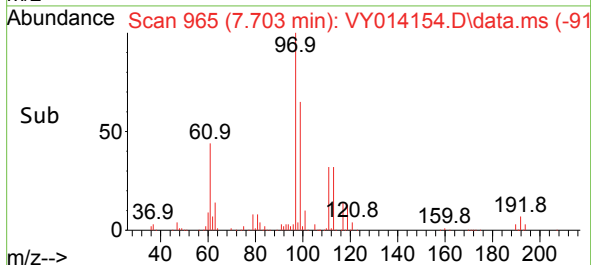
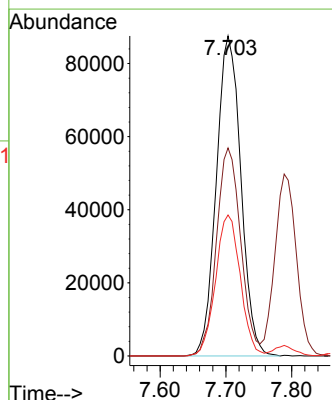
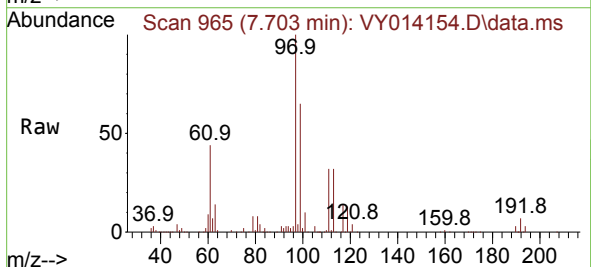
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

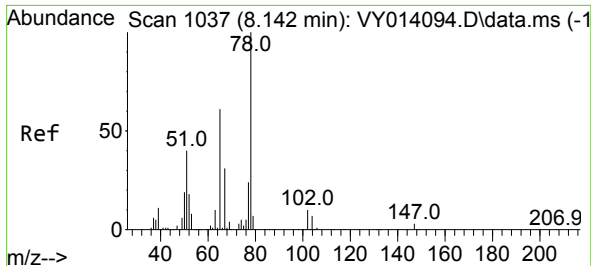
Tgt Ion: 56 Resp: 200300
Ion Ratio Lower Upper
56 100
69 35.2 27.8 41.6
84 88.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 49.629 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Tgt Ion: 97 Resp: 228130
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 44.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 45.520 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

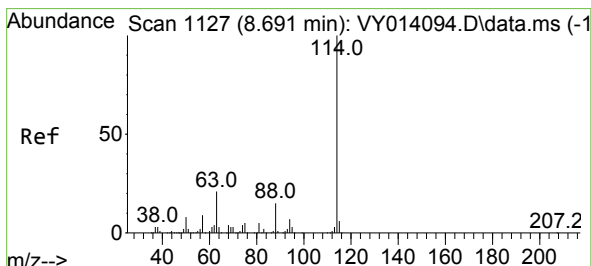
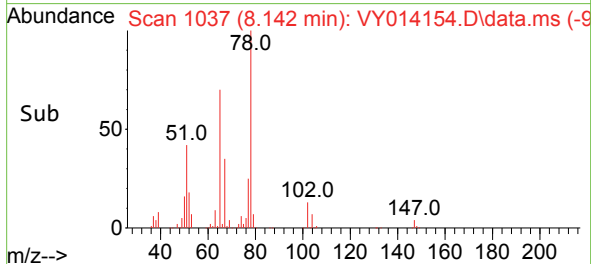
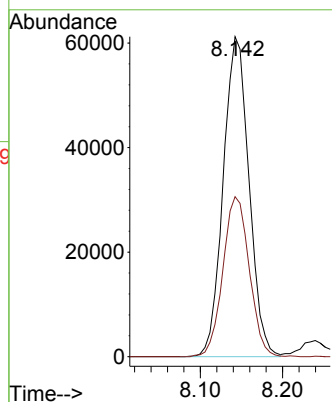
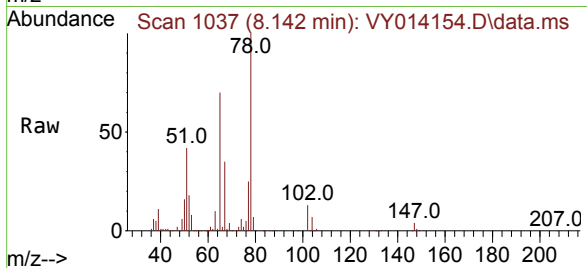
VSTDCCC050

Tgt Ion: 65 Resp: 133282

Ion Ratio Lower Upper

65 100

67 51.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

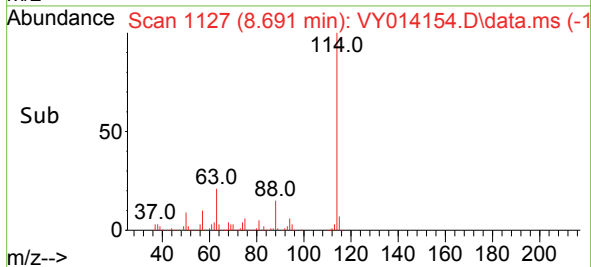
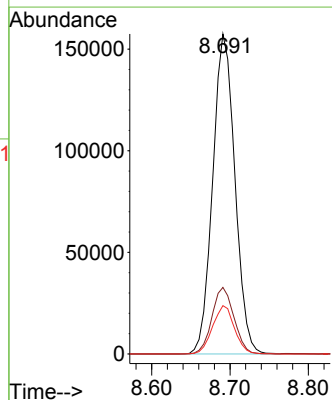
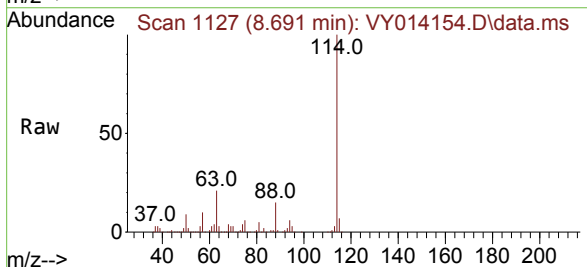
Tgt Ion: 114 Resp: 310413

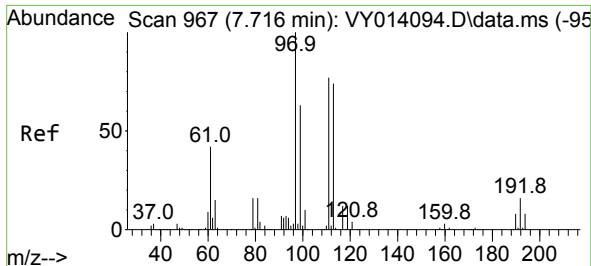
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.4

88 15.1 0.0 30.6

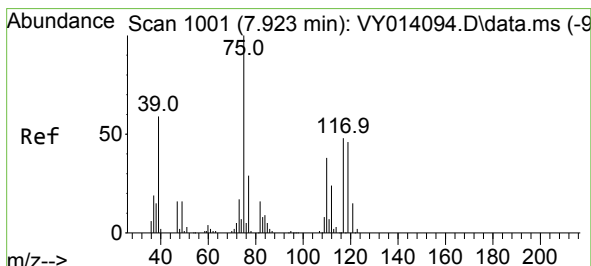
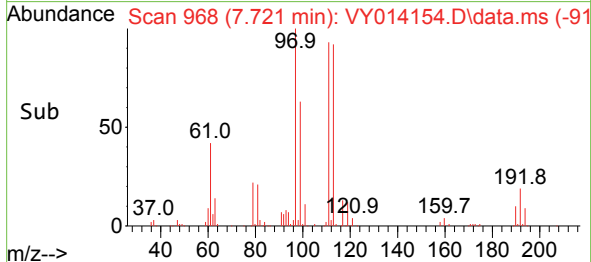
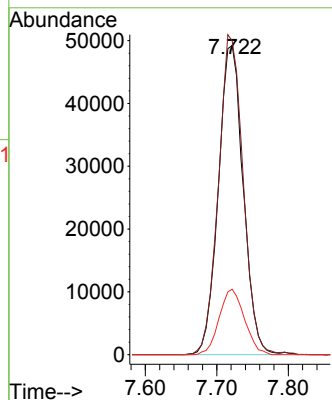
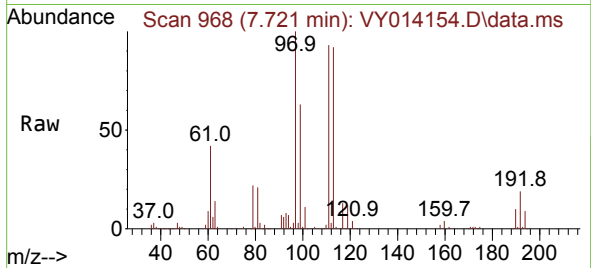




#35
Dibromofluoromethane
Concen: 53.922 ug/l
RT: 7.721 min Scan# 91
Delta R.T. 0.005 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

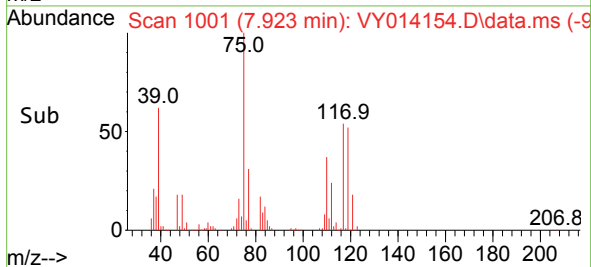
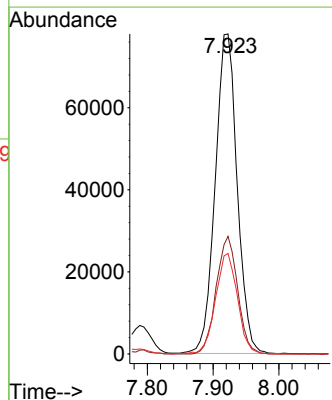
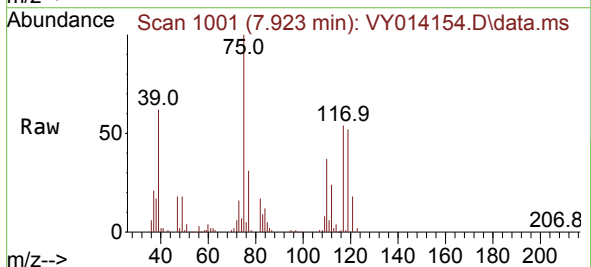
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

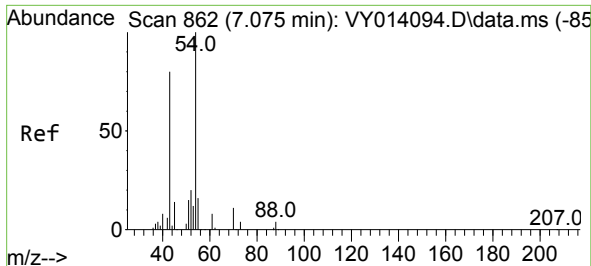
Tgt Ion:113 Resp: 118703
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 21.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 52.707 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Tgt Ion: 75 Resp: 180890
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.5
77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 46.576 ug/l

RT: 7.075 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

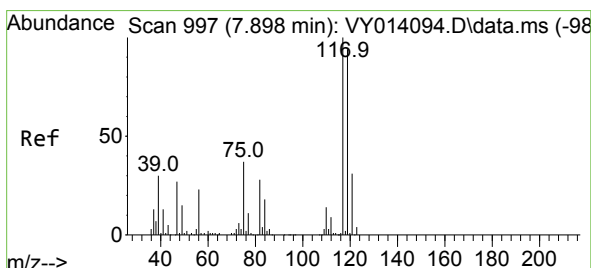
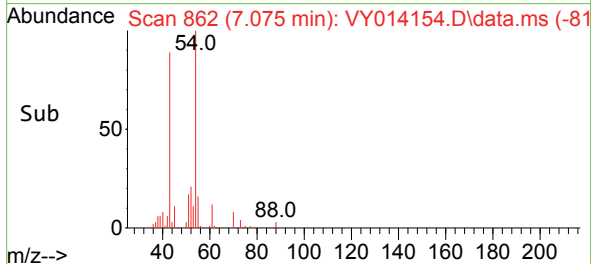
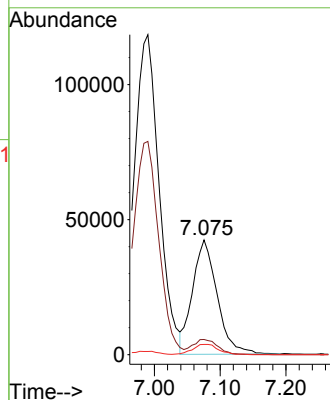
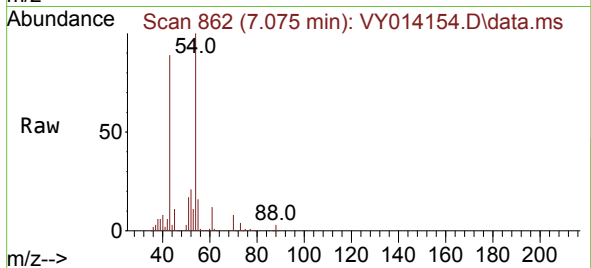
Tgt Ion: 43 Resp: 110293

Ion Ratio Lower Upper

43 100

61 13.1 10.1 15.1

70 9.6 7.1 10.7



#38

Carbon Tetrachloride

Concen: 53.822 ug/l

RT: 7.904 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

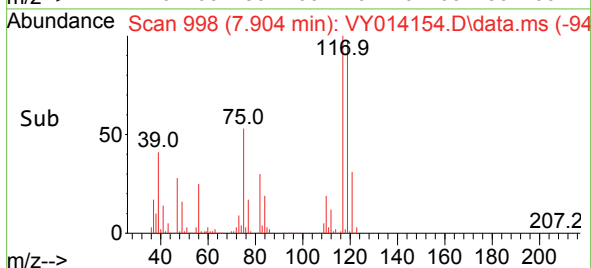
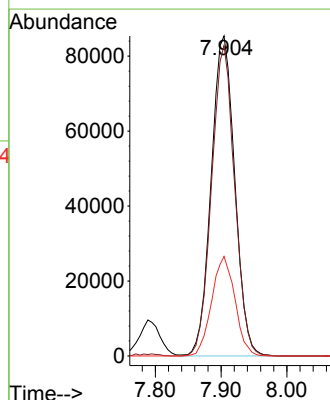
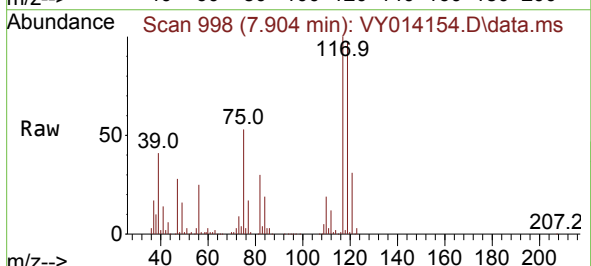
Tgt Ion: 117 Resp: 213159

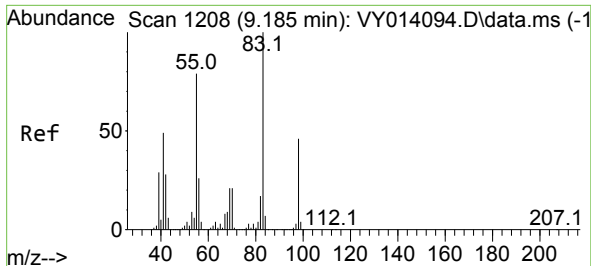
Ion Ratio Lower Upper

117 100

119 97.0 76.4 114.6

121 31.1 25.8 38.6





#39

Methylcyclohexane

Concen: 55.783 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

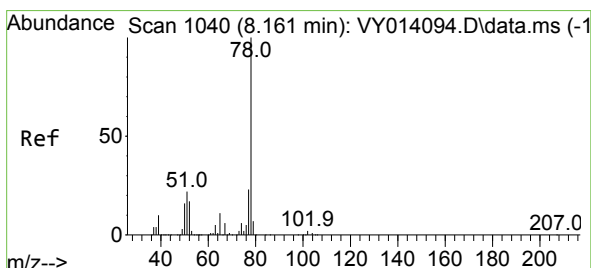
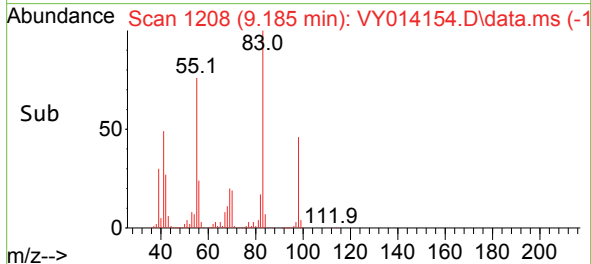
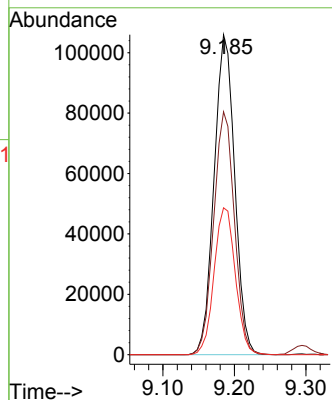
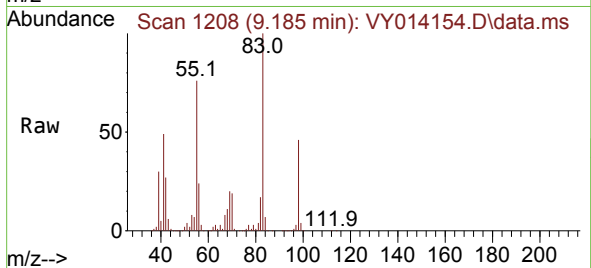
Tgt Ion: 83 Resp: 212412

Ion Ratio Lower Upper

83 100

55 75.9 63.0 94.4

98 45.9 37.4 56.2



#40

Benzene

Concen: 50.579 ug/l

RT: 8.160 min Scan# 1040

Delta R.T. -0.001 min

Lab File: VY014154.D

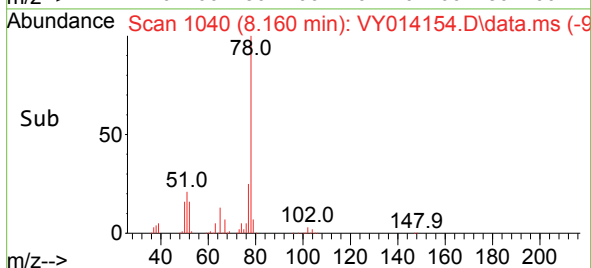
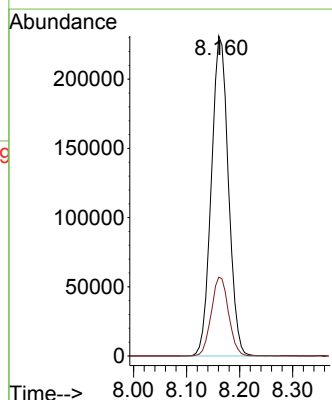
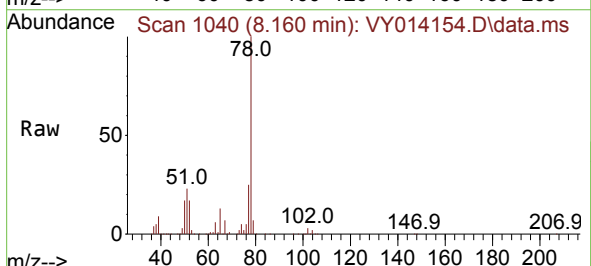
Acq: 14 Jun 2023 15:04

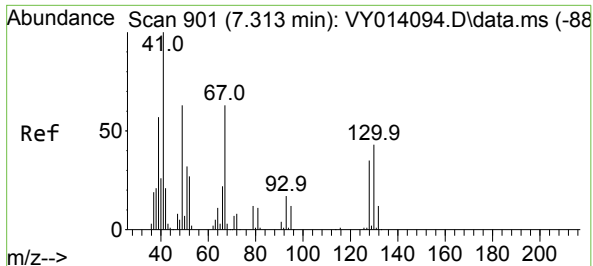
Tgt Ion: 78 Resp: 516178

Ion Ratio Lower Upper

78 100

77 24.6 19.0 28.6

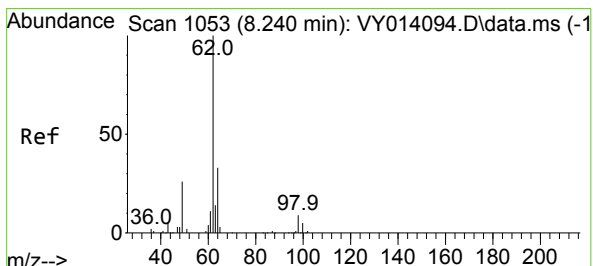
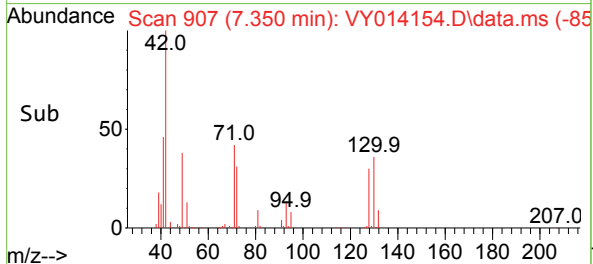
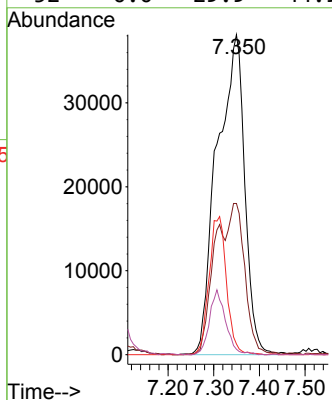
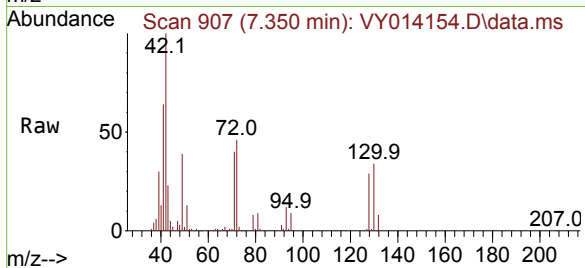




#41
Methacrylonitrile
Concen: 131.594 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

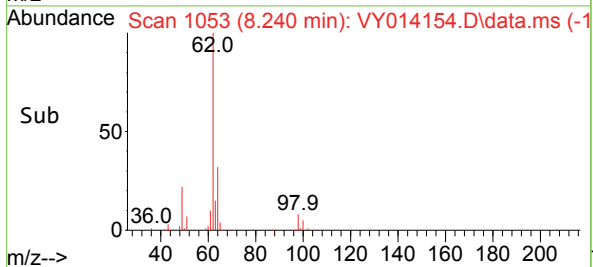
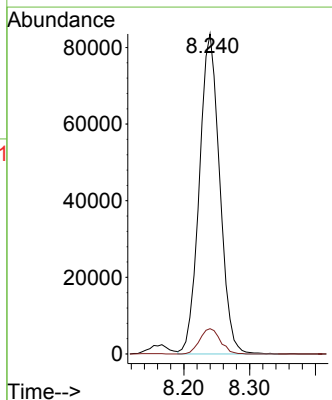
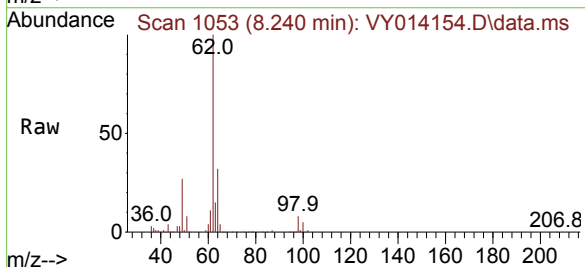
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

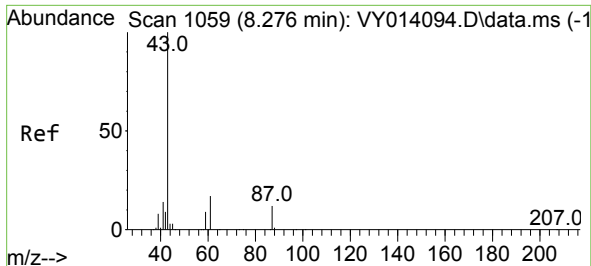
Tgt Ion:	41	Resp:	159034
Ion	Ratio	Lower	Upper
41	100		
39	24.6	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 49.765 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Tgt Ion:	62	Resp:	179595
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.8

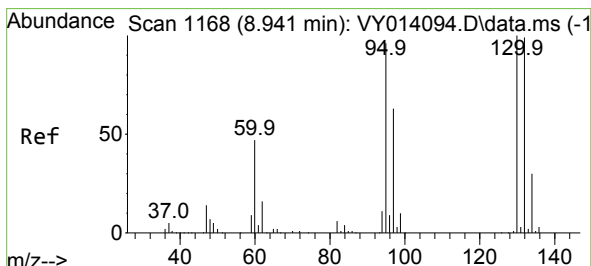
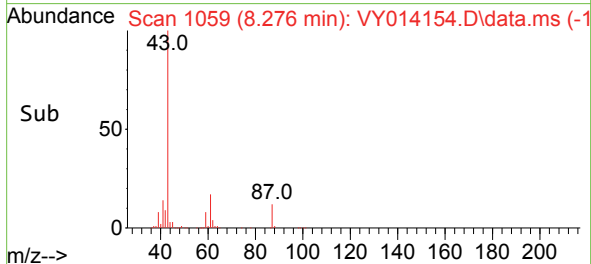
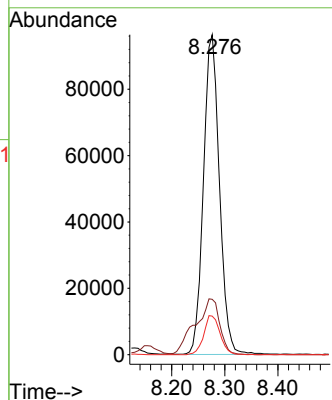
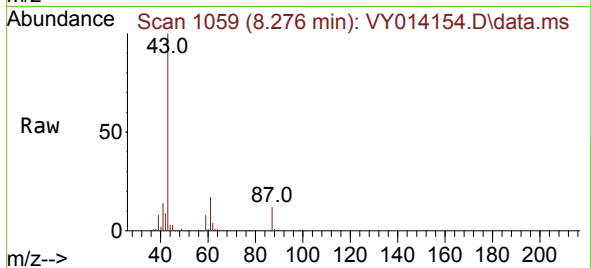




#43
Isopropyl Acetate
Concen: 48.694 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

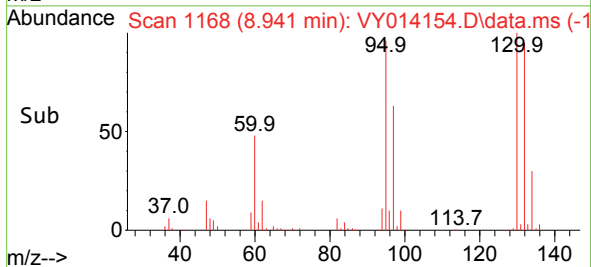
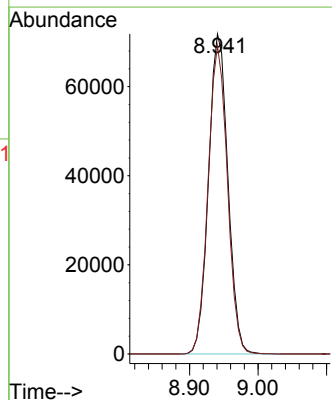
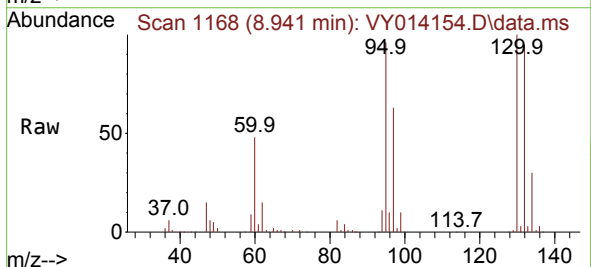
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

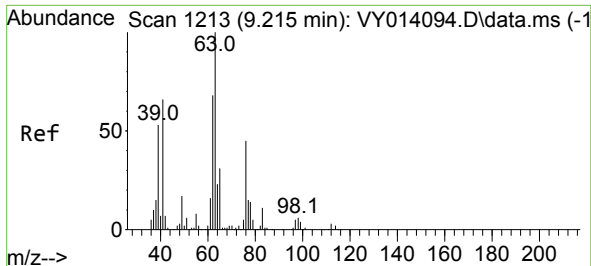
Tgt Ion: 43 Resp: 202098
Ion Ratio Lower Upper
43 100
61 26.8 21.1 31.7
87 12.5 9.8 14.8



#44
Trichloroethene
Concen: 51.815 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Tgt Ion: 130 Resp: 141279
Ion Ratio Lower Upper
130 100
95 96.4 0.0 196.0

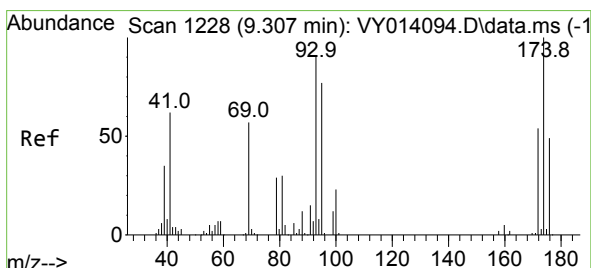
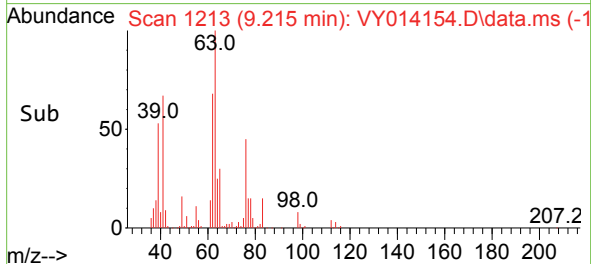
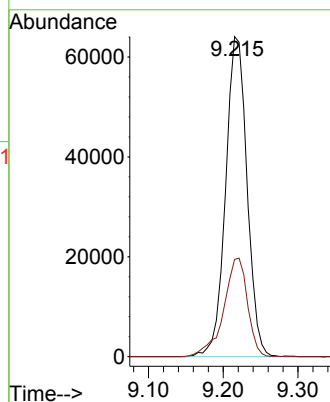
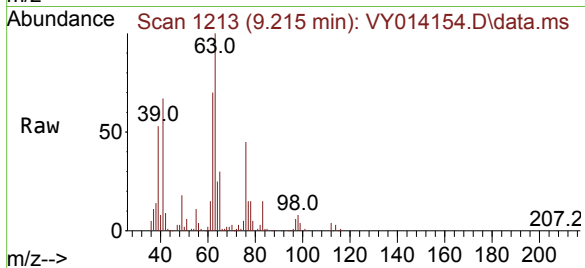




#45
1,2-Dichloropropane
Concen: 49.306 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

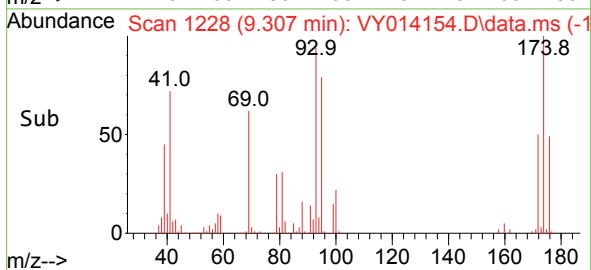
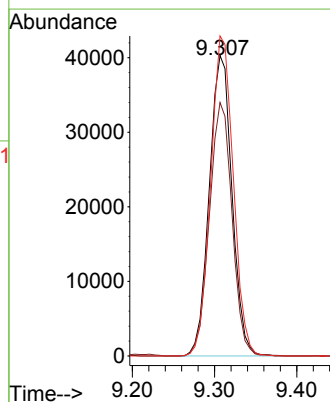
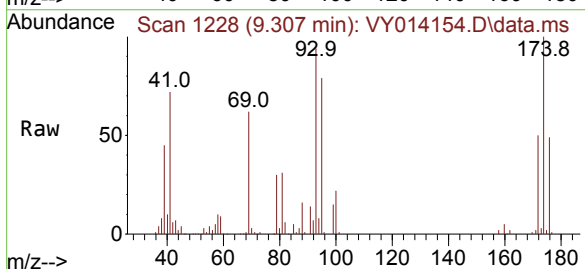
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

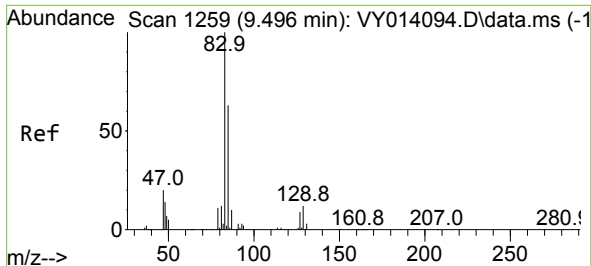
Tgt Ion: 63 Resp: 127809
Ion Ratio Lower Upper
63 100
65 30.4 23.8 35.6



#46
Dibromomethane
Concen: 48.508 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Tgt Ion: 93 Resp: 77400
Ion Ratio Lower Upper
93 100
95 84.2 66.6 100.0
174 106.1 84.8 127.2

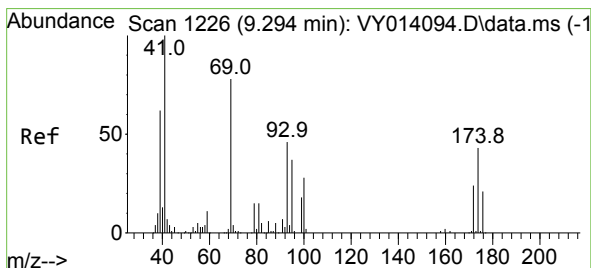
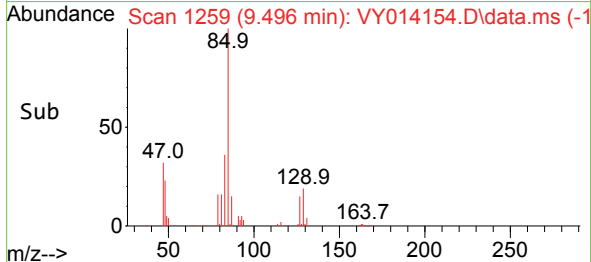
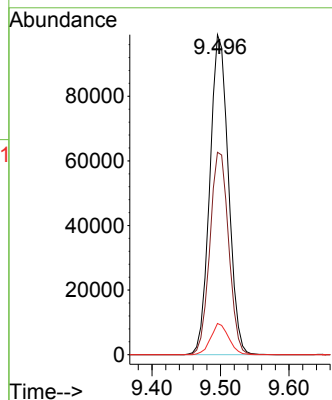
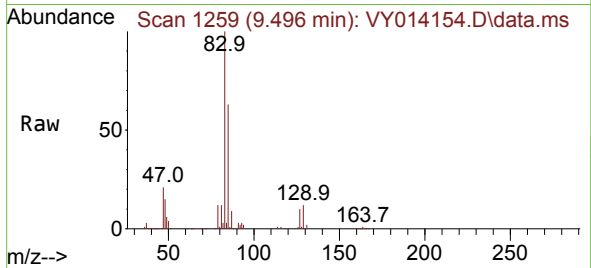




#47
Bromodichloromethane
Concen: 49.894 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

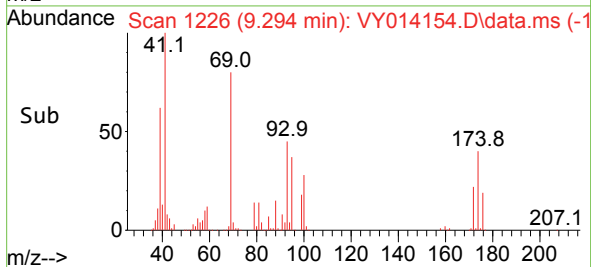
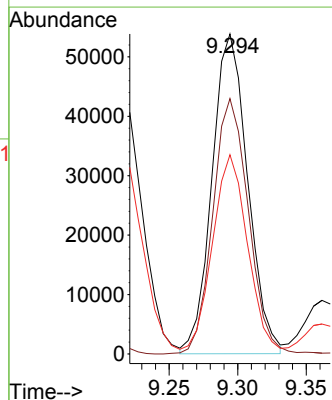
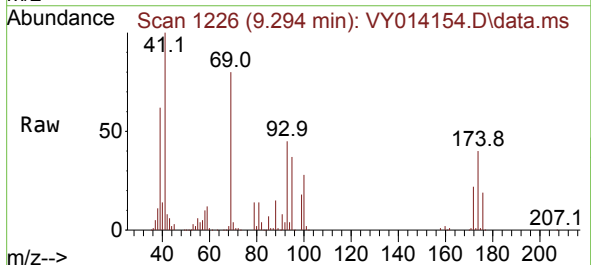
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

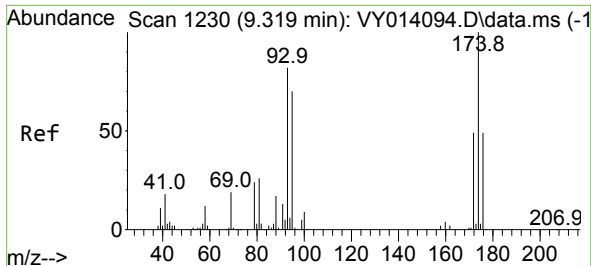
Tgt Ion: 83 Resp: 186406
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 9.7 7.1 10.7



#48
Methyl methacrylate
Concen: 50.337 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Tgt Ion: 41 Resp: 97442
Ion Ratio Lower Upper
41 100
69 80.0 64.5 96.7
39 59.0 50.8 76.2

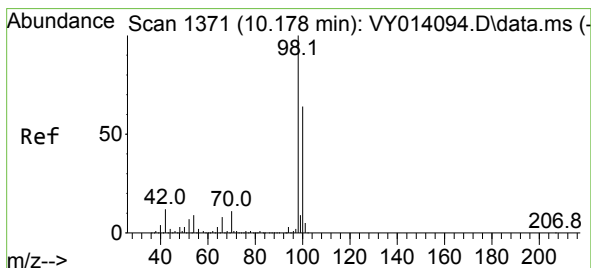
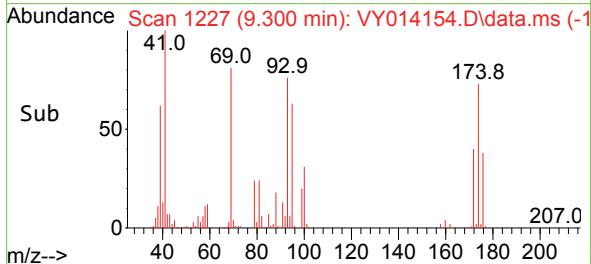
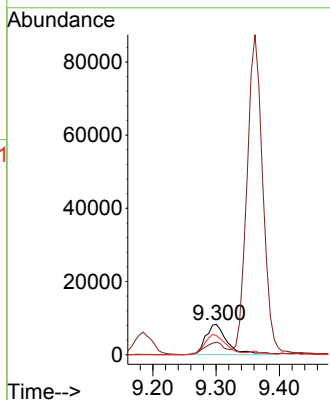
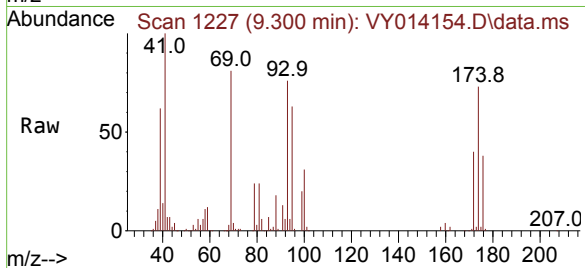




#49
1,4-Dioxane
Concen: 988.916 ug/l
RT: 9.300 min Scan# 11
Delta R.T. -0.019 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

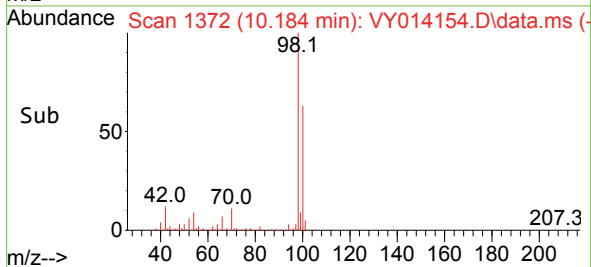
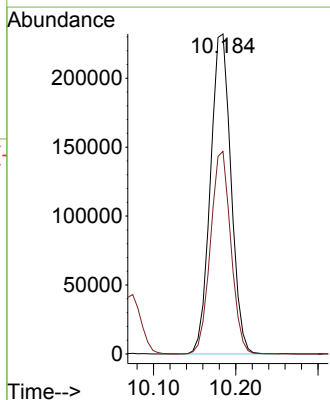
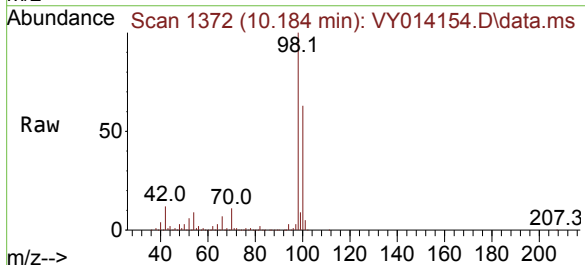
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

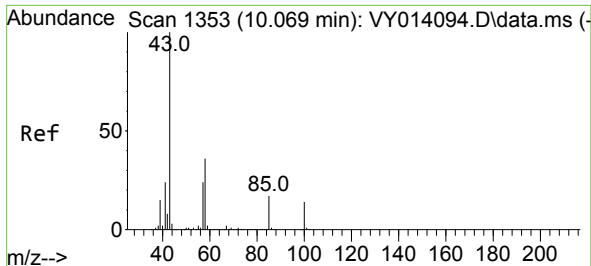
Tgt Ion: 88 Resp: 20050
Ion Ratio Lower Upper
88 100
43 38.5 0.0 0.0#
58 63.4 30.9 46.3#



#50
Toluene-d8
Concen: 48.995 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Tgt Ion: 98 Resp: 403233
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1

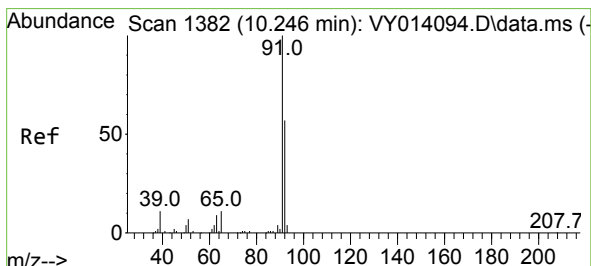
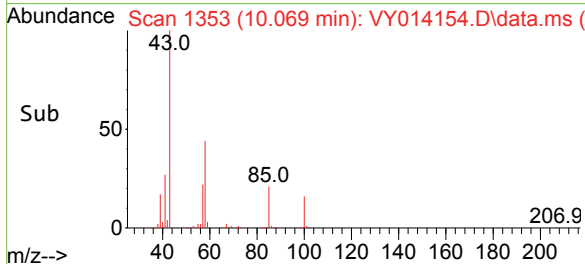
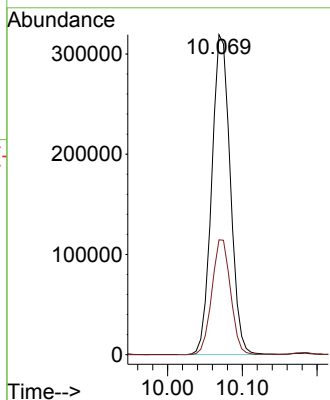
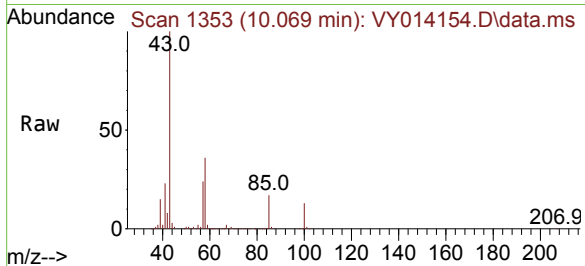




#51
4-Methyl-2-Pentanone
Concen: 243.861 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

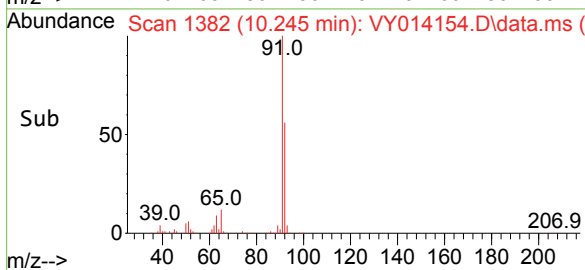
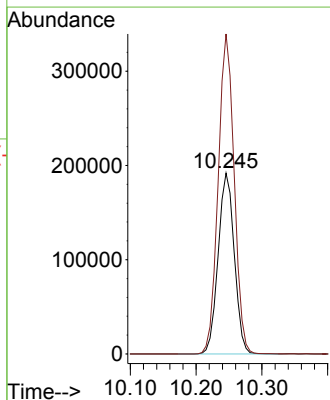
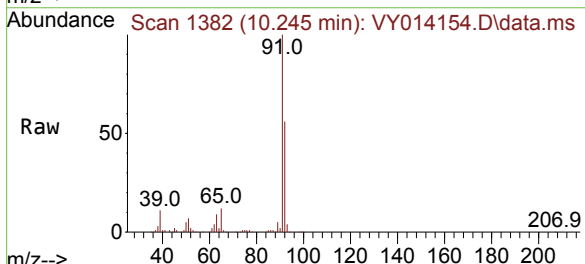
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

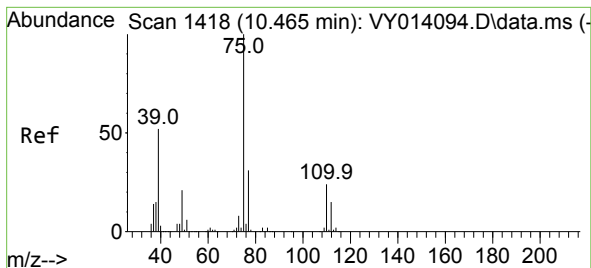
Tgt Ion: 43 Resp: 549871
Ion Ratio Lower Upper
43 100
58 36.3 29.0 43.6



#52
Toluene
Concen: 51.750 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. -0.001 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Tgt Ion: 92 Resp: 327388
Ion Ratio Lower Upper
92 100
91 175.6 143.8 215.6

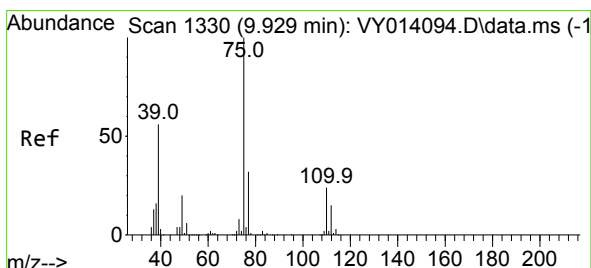
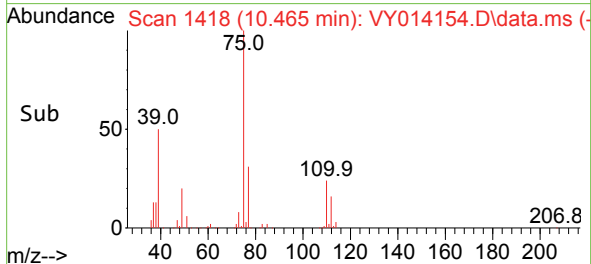
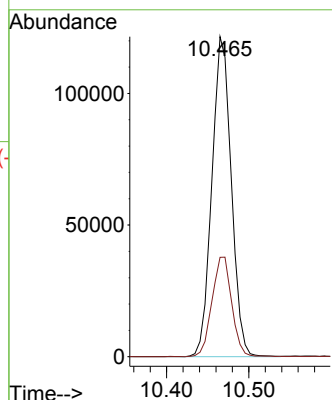
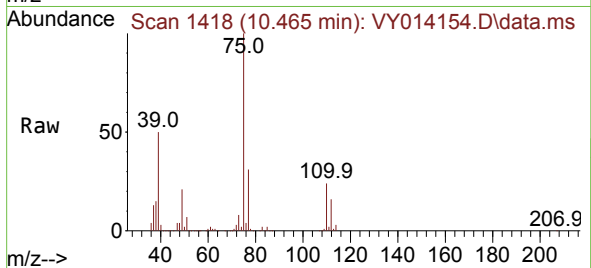




#53
 t-1,3-Dichloropropene
 Concen: 50.656 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY014154.D
 Acq: 14 Jun 2023 15:04

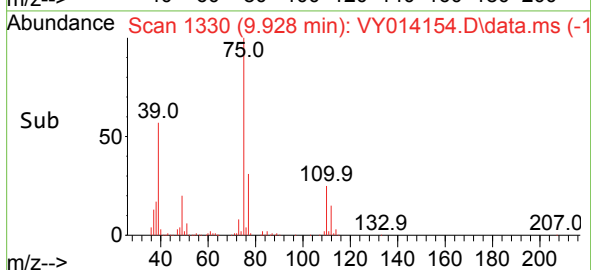
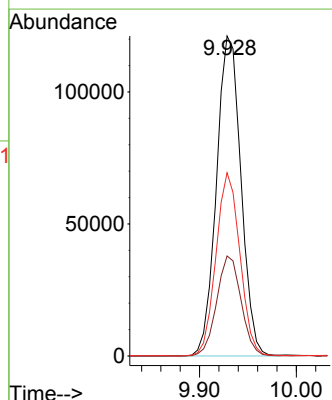
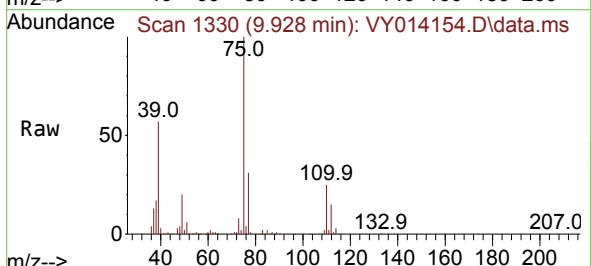
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

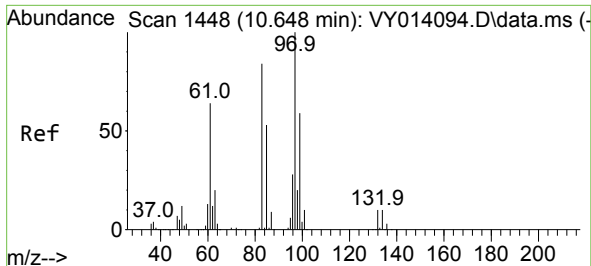
Tgt Ion: 75 Resp: 199231
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 49.678 ug/l
 RT: 9.928 min Scan# 1330
 Delta R.T. -0.001 min
 Lab File: VY014154.D
 Acq: 14 Jun 2023 15:04

Tgt Ion: 75 Resp: 213176
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.2 36.4
 39 57.3 42.2 63.4

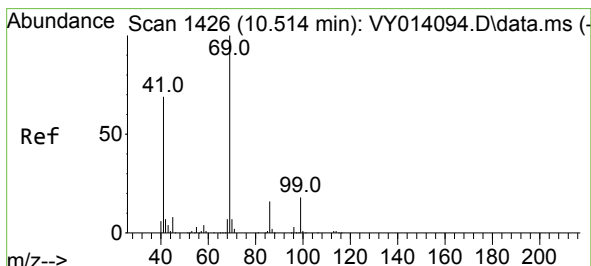
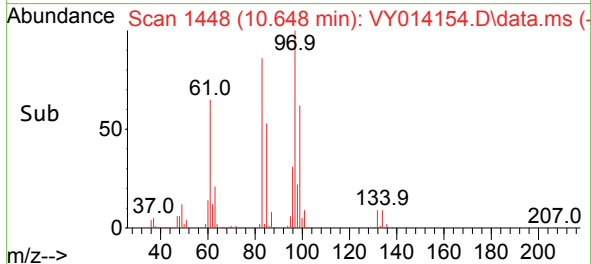
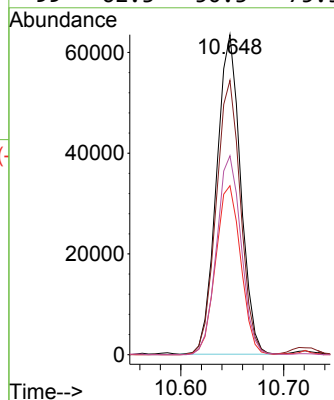
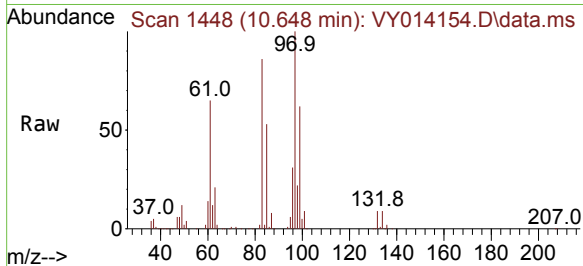




#55
1,1,2-Trichloroethane
Concen: 48.743 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

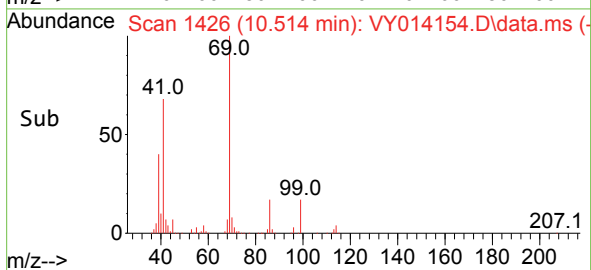
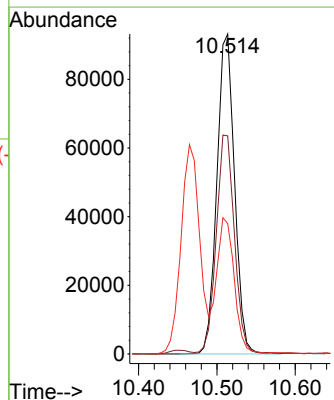
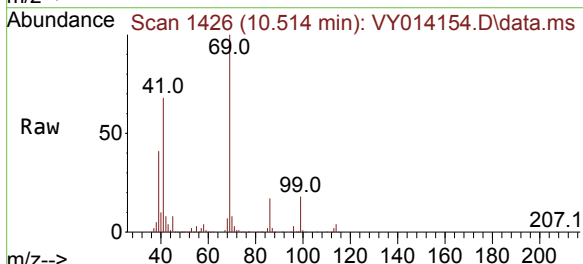
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

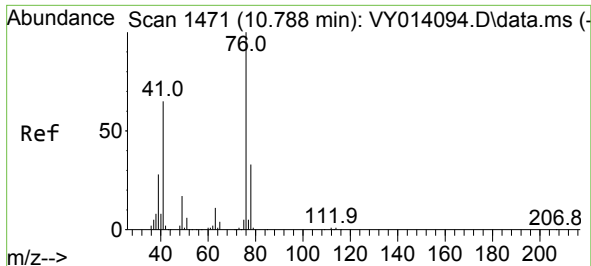
Tgt Ion:	97	Resp:	103159
Ion	Ratio	Lower	Upper
97	100		
83	85.8	72.0	108.0
85	52.9	45.4	68.0
99	62.3	50.3	75.5



#56
Ethyl methacrylate
Concen: 50.054 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Tgt Ion:	69	Resp:	146116
Ion	Ratio	Lower	Upper
69	100		
41	69.8	57.6	86.4
39	42.0	34.1	51.1





#57

1,3-Dichloropropane

Concen: 48.618 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

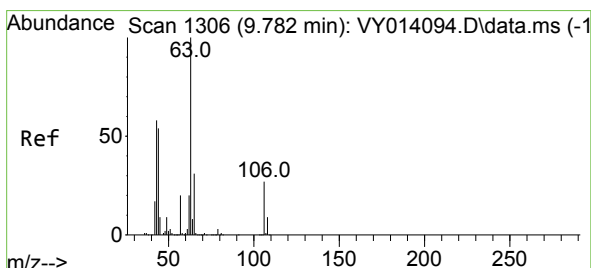
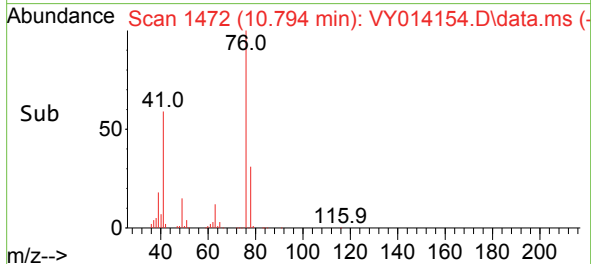
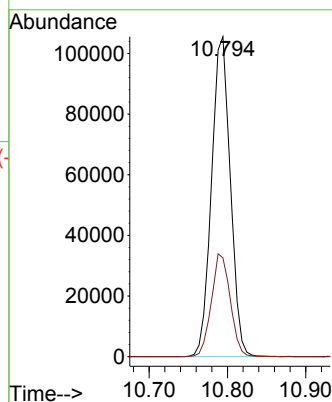
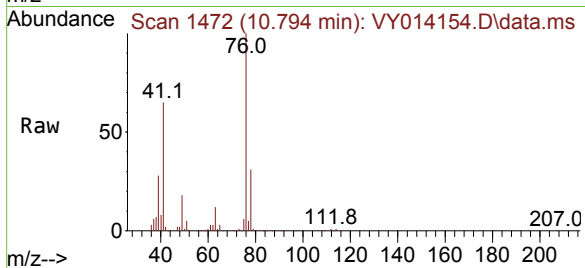
VSTDCCC050

Tgt Ion: 76 Resp: 175979

Ion Ratio Lower Upper

76 100

78 32.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 262.110 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014154.D

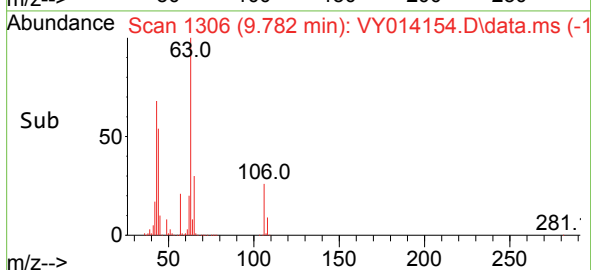
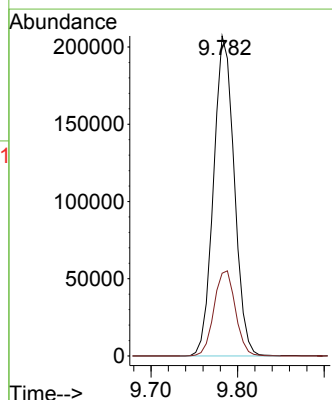
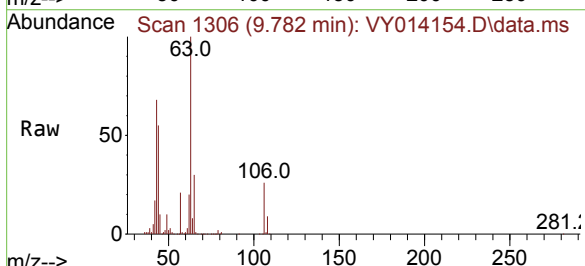
Acq: 14 Jun 2023 15:04

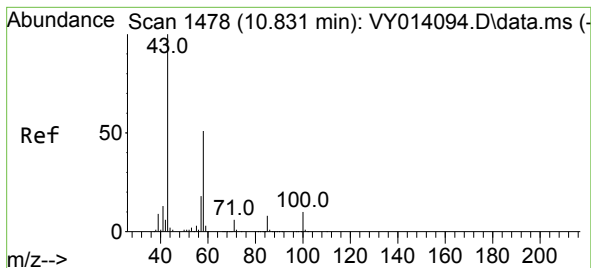
Tgt Ion: 63 Resp: 343939

Ion Ratio Lower Upper

63 100

106 27.6 21.2 31.8

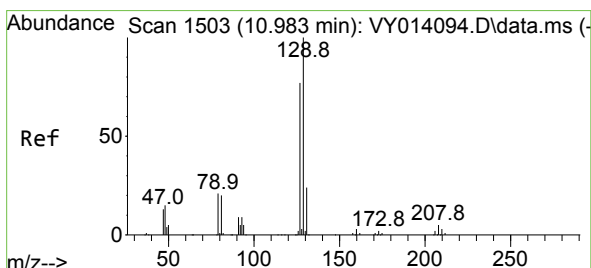
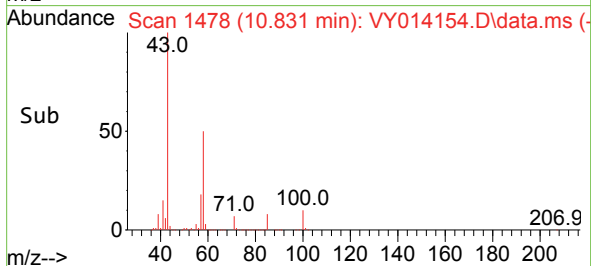
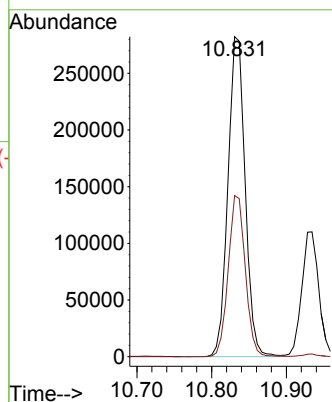
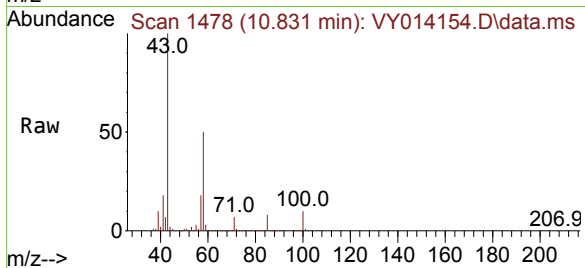




#59
2-Hexanone
Concen: 277.652 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

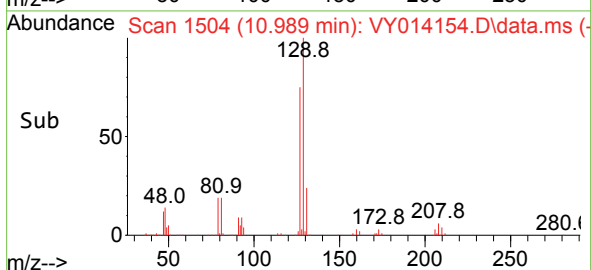
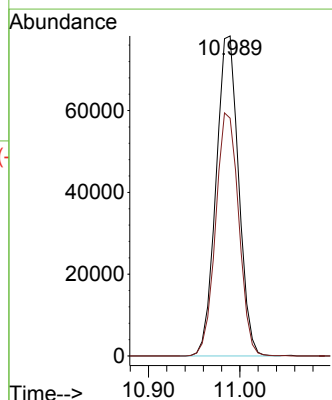
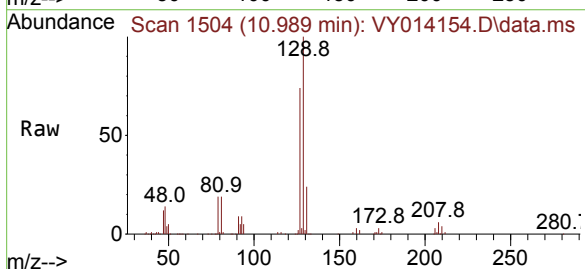
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

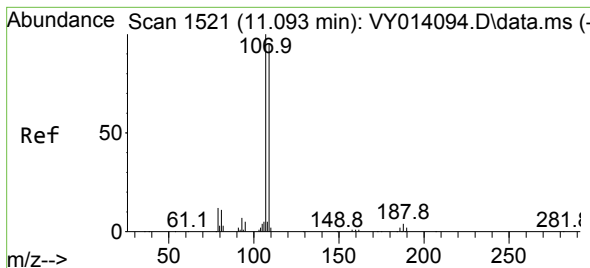
Tgt Ion: 43 Resp: 452179
Ion Ratio Lower Upper
43 100
58 50.1 25.1 75.3



#60
Dibromochloromethane
Concen: 49.604 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Tgt Ion: 129 Resp: 134365
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5

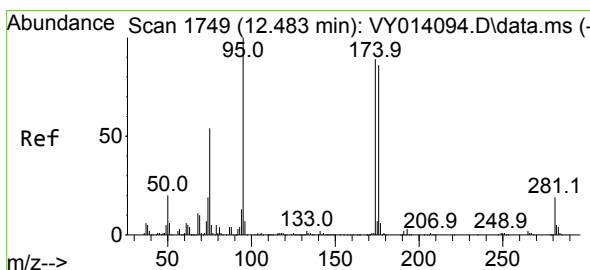
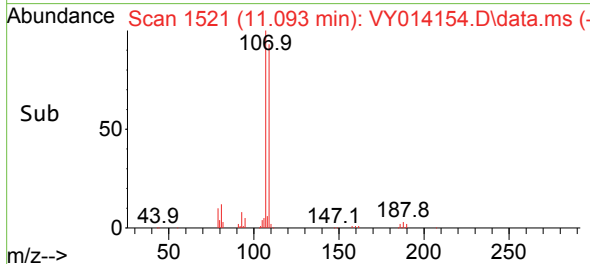
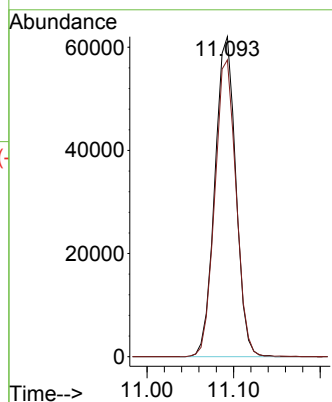
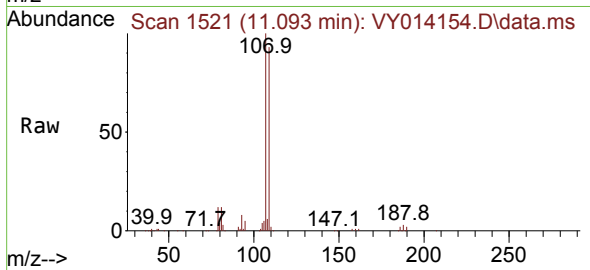




#61
1,2-Dibromoethane
Concen: 49.861 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

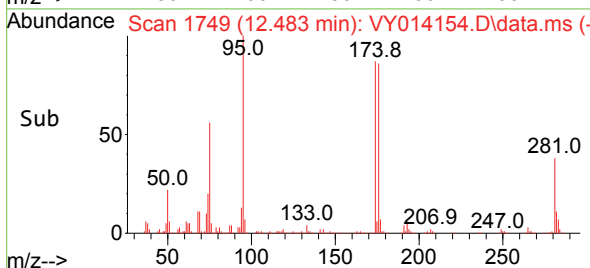
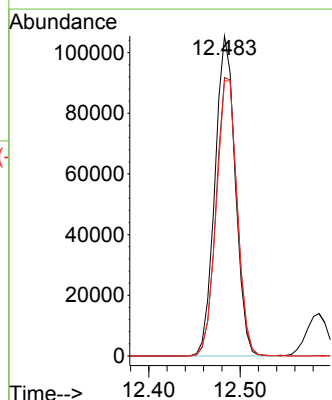
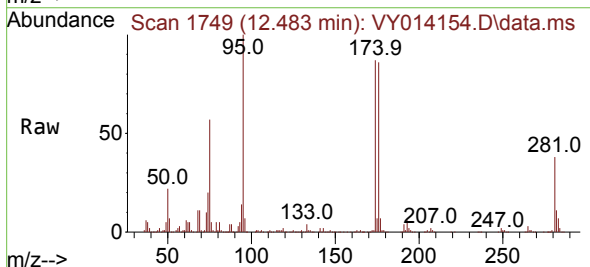
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

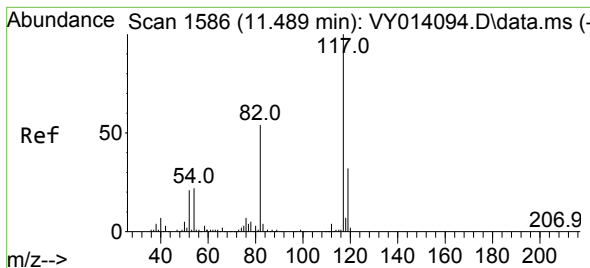
Tgt Ion:107 Resp: 104144
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.705 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Tgt Ion: 95 Resp: 162857
Ion Ratio Lower Upper
95 100
174 89.4 0.0 178.2
176 88.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

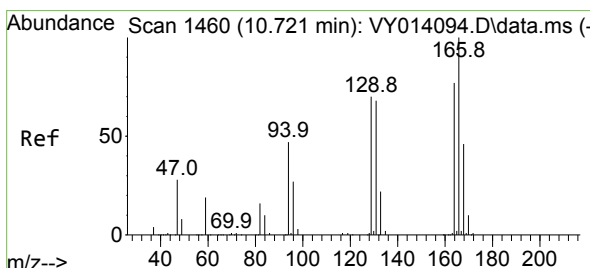
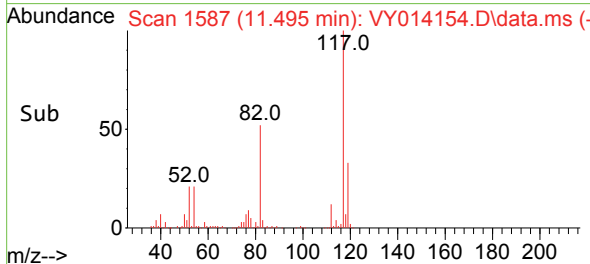
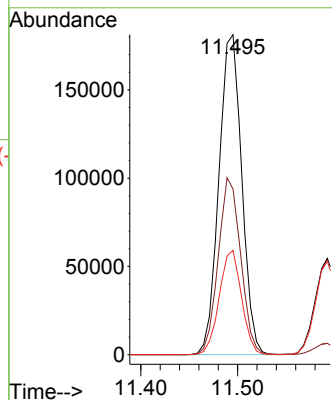
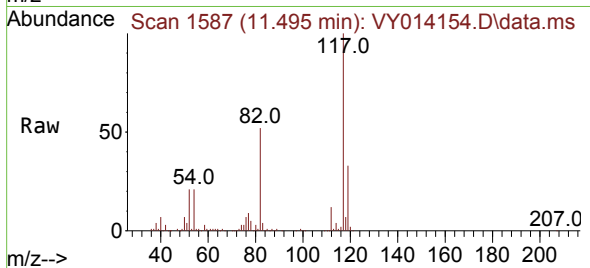
Tgt Ion:117 Resp: 297397

Ion Ratio Lower Upper

117 100

82 51.7 43.4 65.0

119 32.6 26.3 39.5



#64

Tetrachloroethene

Concen: 50.707 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

Tgt Ion:164 Resp: 128538

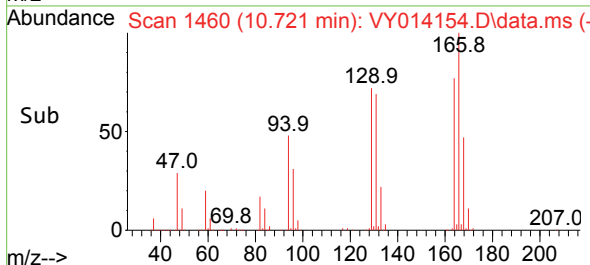
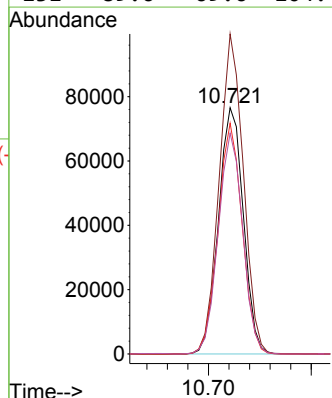
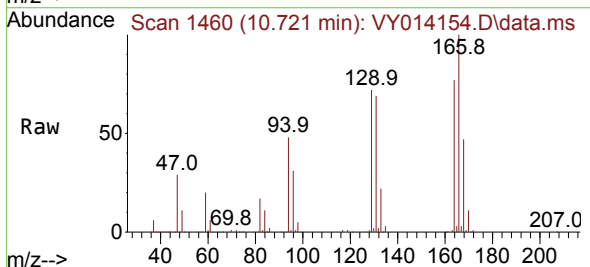
Ion Ratio Lower Upper

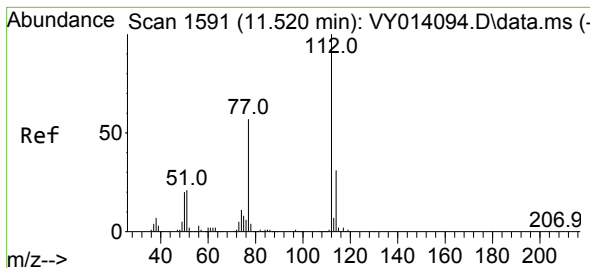
164 100

166 129.9 103.0 154.6

129 93.7 77.2 115.8

131 89.6 69.6 104.4

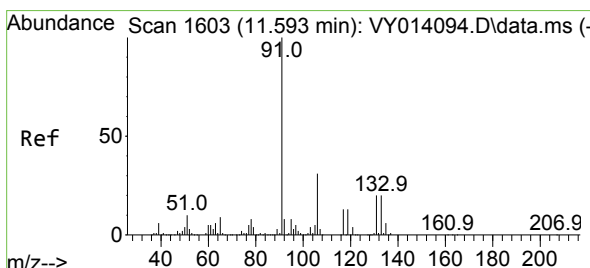
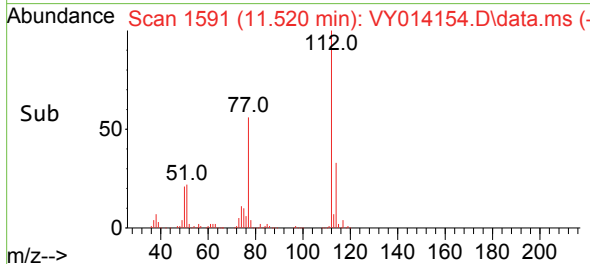
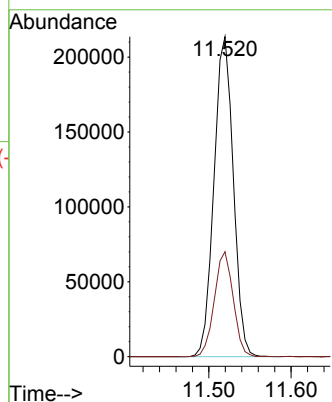
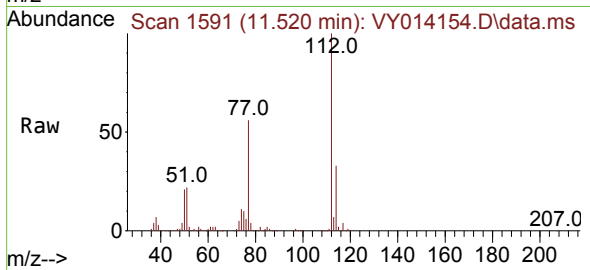




#65
Chlorobenzene
Concen: 48.839 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

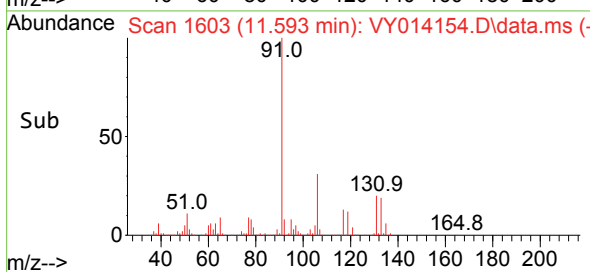
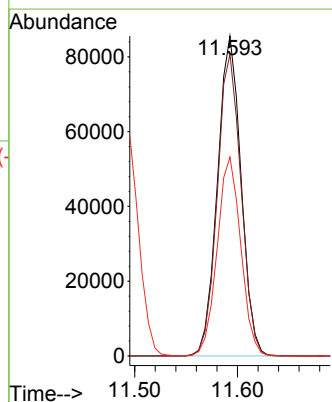
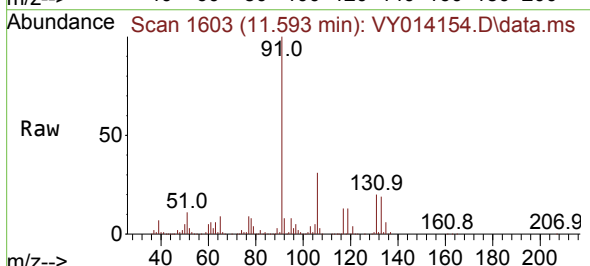
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

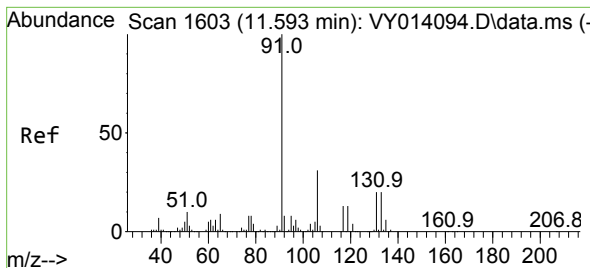
Tgt Ion:112 Resp: 349000
Ion Ratio Lower Upper
112 100
114 32.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.470 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Tgt Ion:131 Resp: 136234
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.6
119 62.3 31.6 94.7





#67

Ethyl Benzene

Concen: 50.505 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

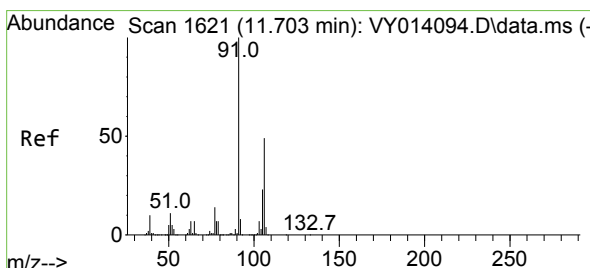
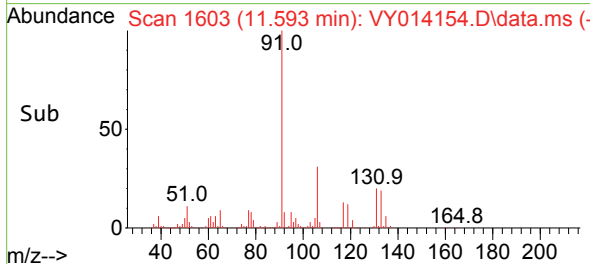
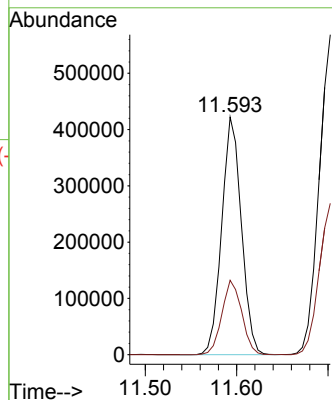
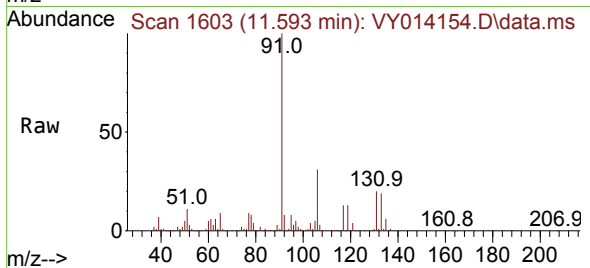
VSTDCCC050

Tgt Ion: 91 Resp: 631729

Ion Ratio Lower Upper

91 100

106 31.3 24.6 36.8



#68

m/p-Xylenes

Concen: 103.608 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014154.D

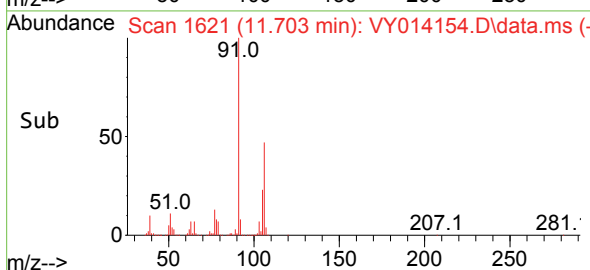
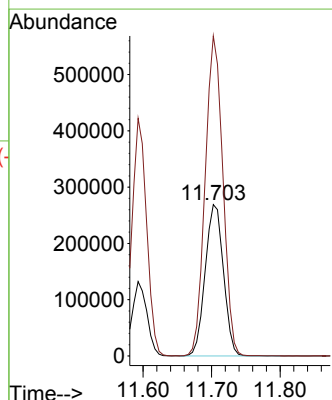
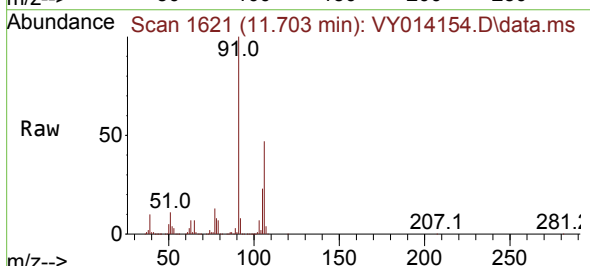
Acq: 14 Jun 2023 15:04

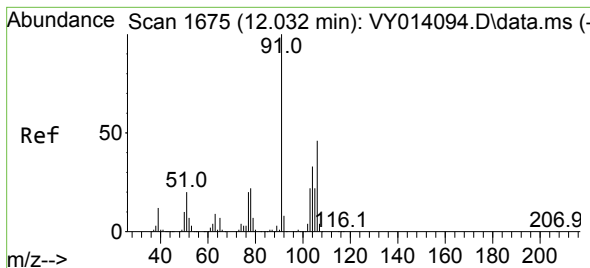
Tgt Ion:106 Resp: 498479

Ion Ratio Lower Upper

106 100

91 205.3 166.1 249.1

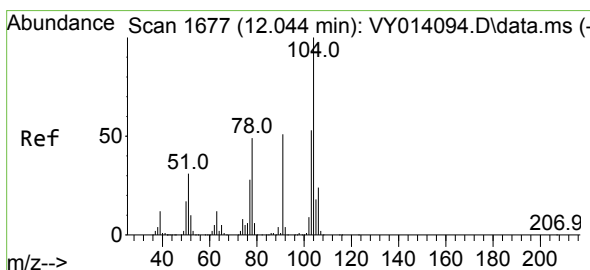
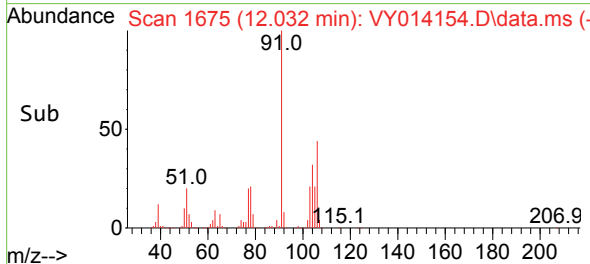
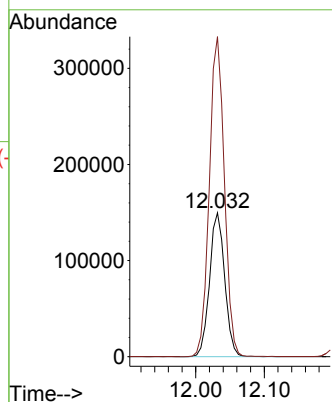
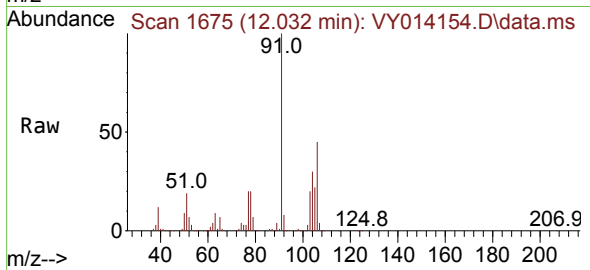




#69
o-Xylene
Concen: 50.581 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

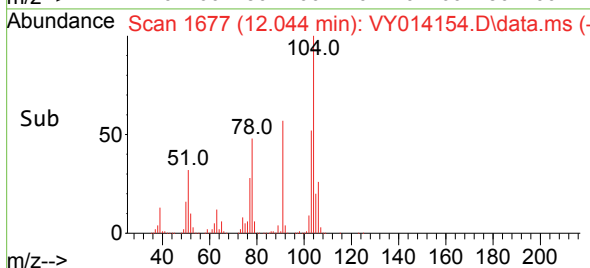
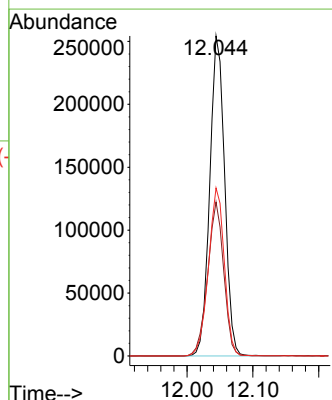
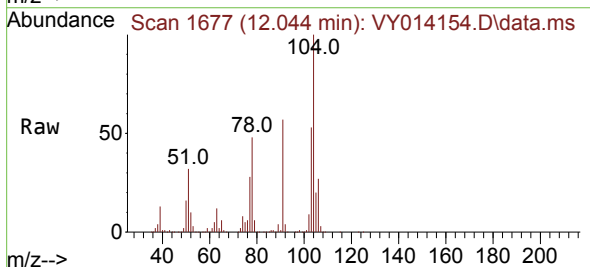
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

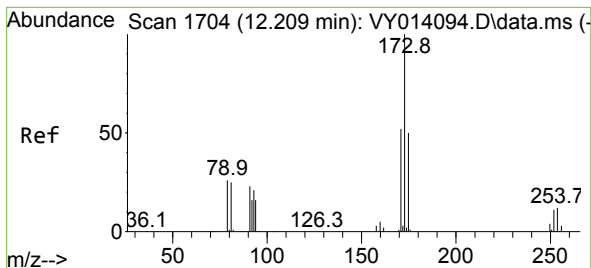
Tgt Ion:106 Resp: 230078
Ion Ratio Lower Upper
106 100
91 221.5 108.1 324.3



#70
Styrene
Concen: 51.608 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Tgt Ion:104 Resp: 400653
Ion Ratio Lower Upper
104 100
78 51.8 41.5 62.3
103 56.0 44.6 67.0





#71

Bromoform

Concen: 47.652 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

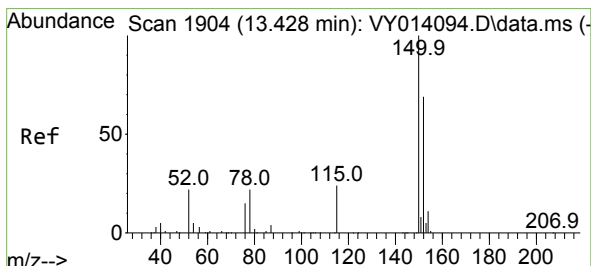
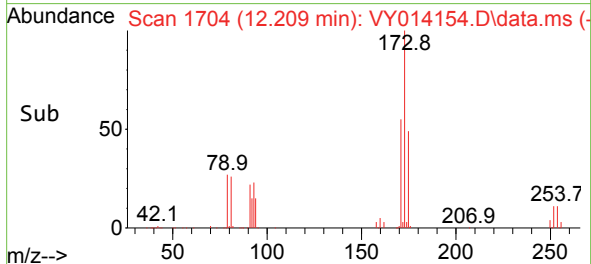
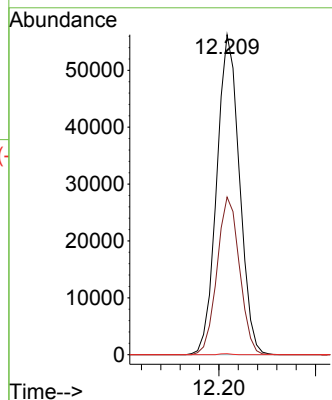
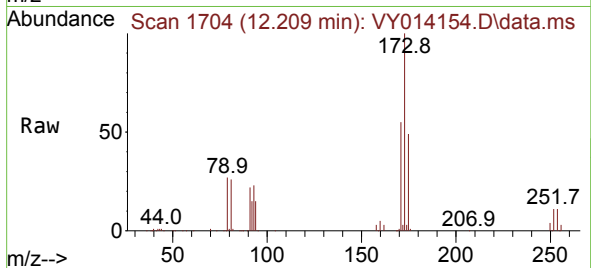
Tgt Ion:173 Resp: 91726

Ion Ratio Lower Upper

173 100

175 48.7 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: VY014154.D

Acq: 14 Jun 2023 15:04

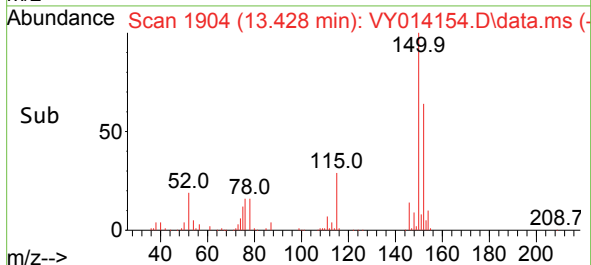
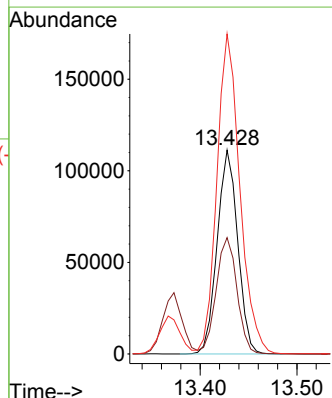
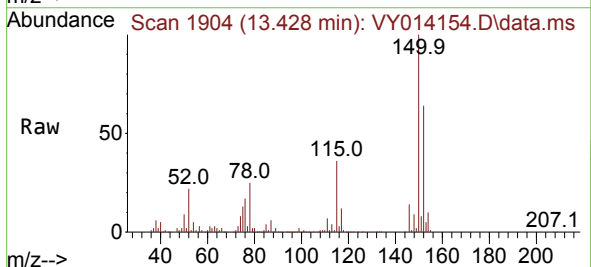
Tgt Ion:152 Resp: 164013

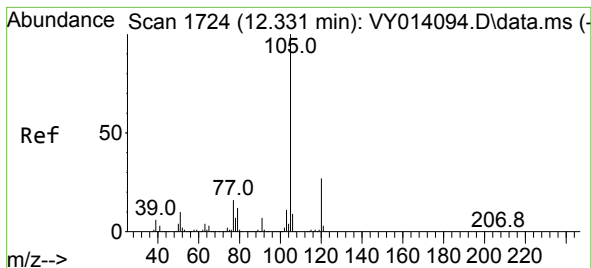
Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 175.5 0.0 348.8





#73

Isopropylbenzene

Concen: 49.245 ug/l

RT: 12.330 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

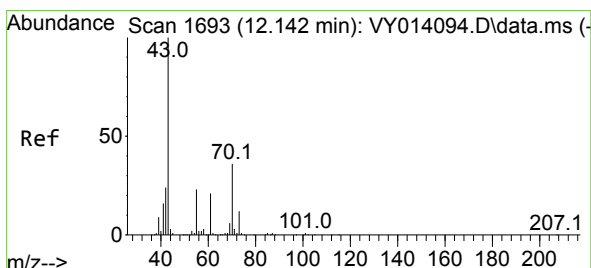
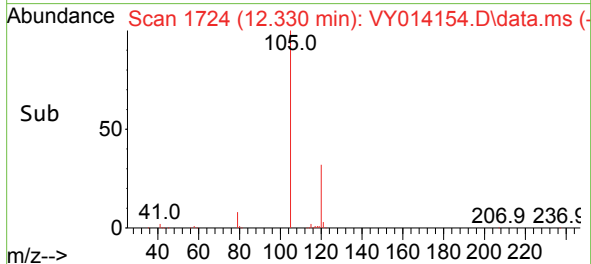
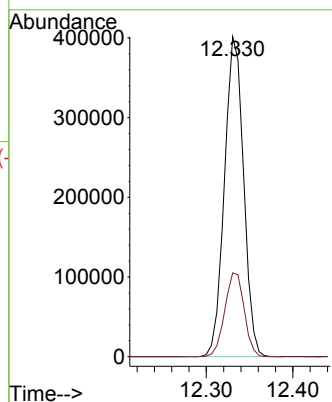
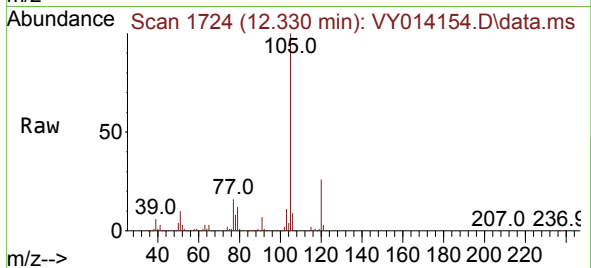
VSTDCCC050

Tgt Ion:105 Resp: 616146

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 47.344 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

Tgt Ion: 43 Resp: 187715

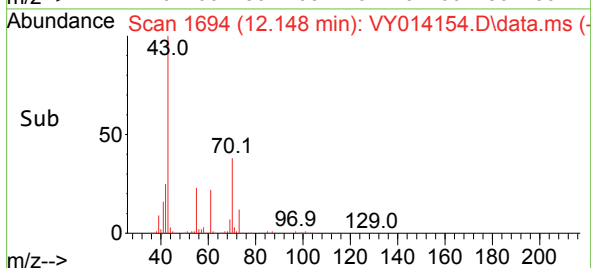
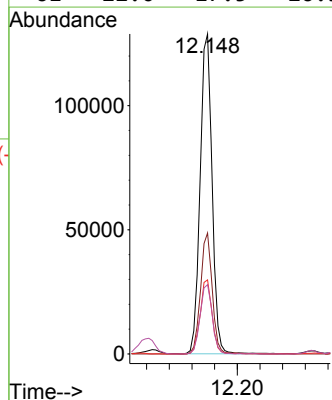
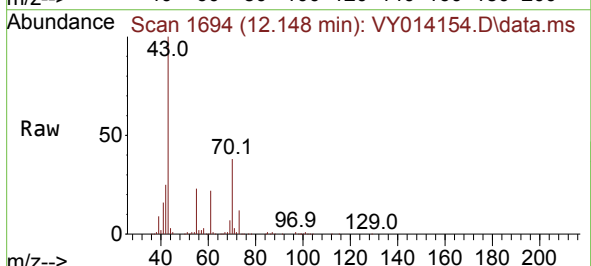
Ion Ratio Lower Upper

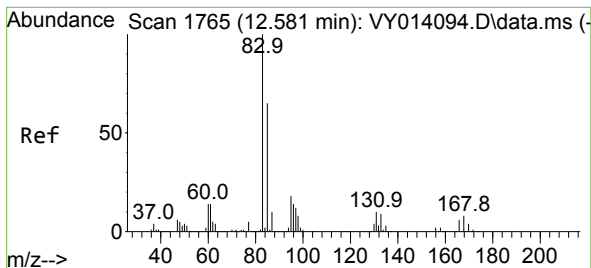
43 100

70 37.0 29.7 44.5

55 23.3 18.3 27.5

61 22.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 44.303 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. -0.001 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

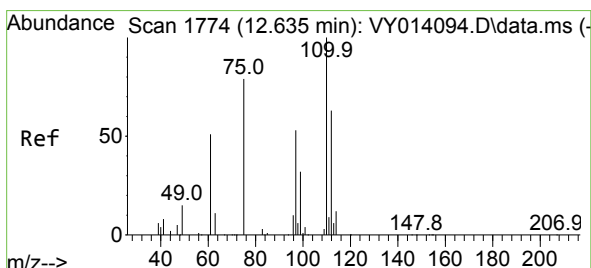
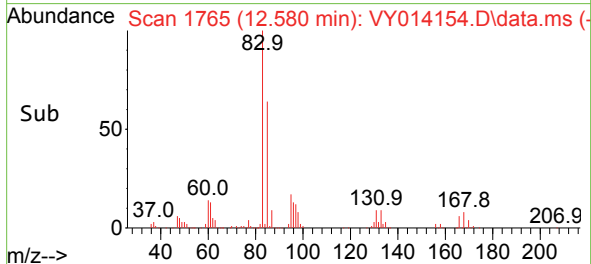
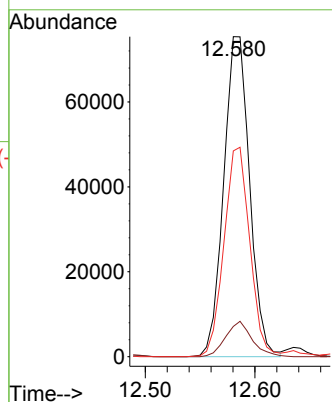
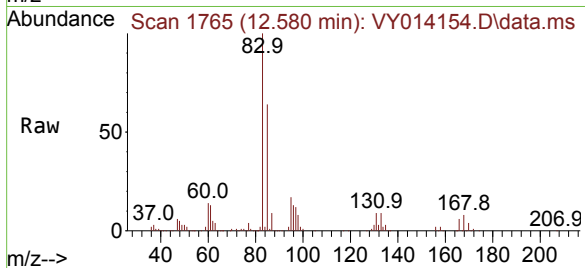
Tgt Ion: 83 Resp: 123860

Ion Ratio Lower Upper

83 100

131 11.3 5.4 16.2

85 65.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 79.397 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY014154.D

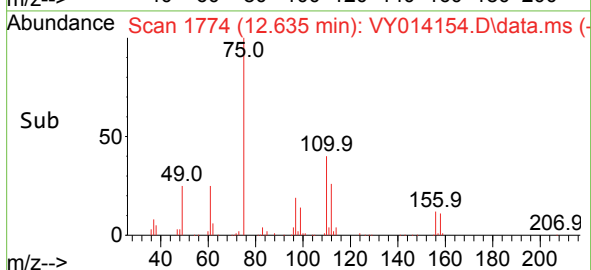
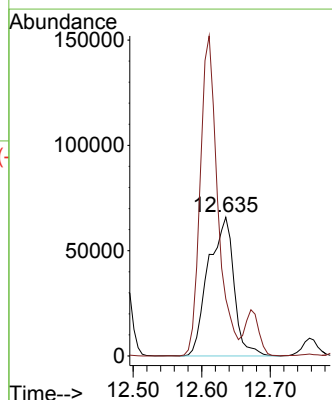
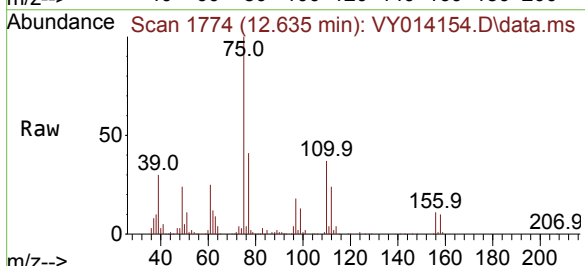
Acq: 14 Jun 2023 15:04

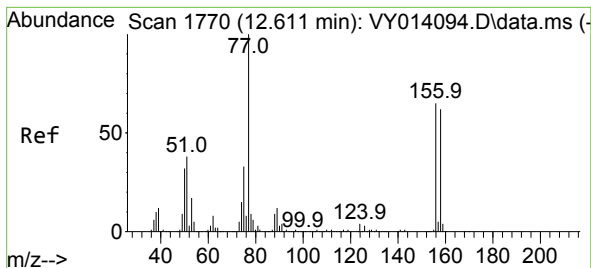
Tgt Ion: 75 Resp: 170847

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.064 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

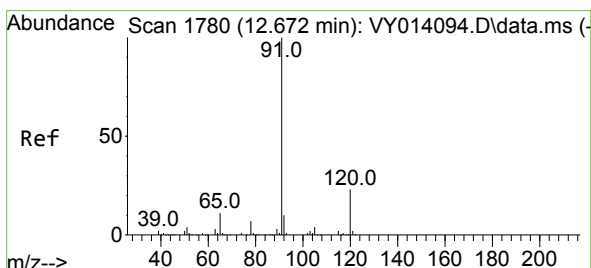
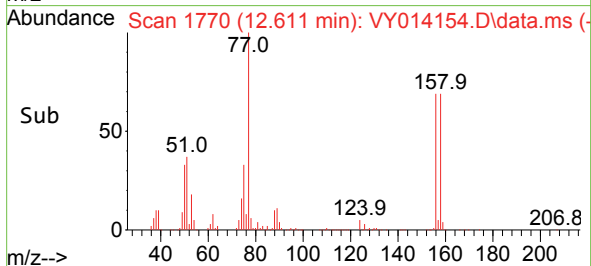
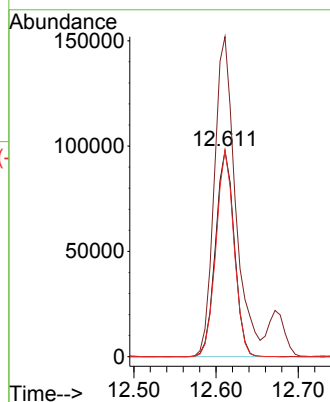
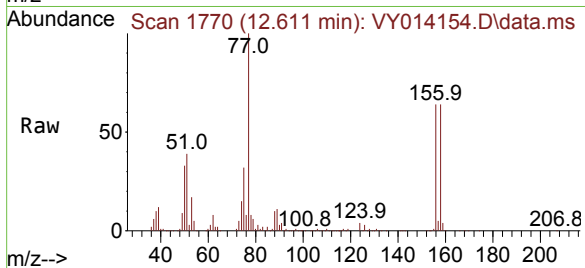
Tgt Ion:156 Resp: 154771

Ion Ratio Lower Upper

156 100

77 175.8 92.8 278.6

158 97.0 48.4 145.3



#78

n-propylbenzene

Concen: 49.641 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY014154.D

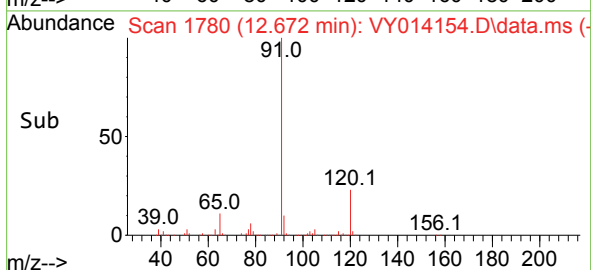
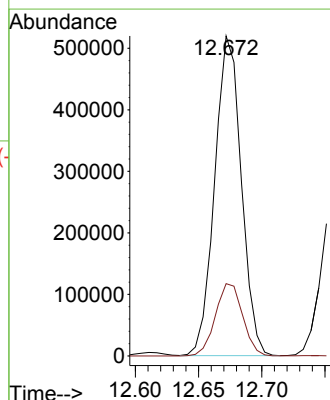
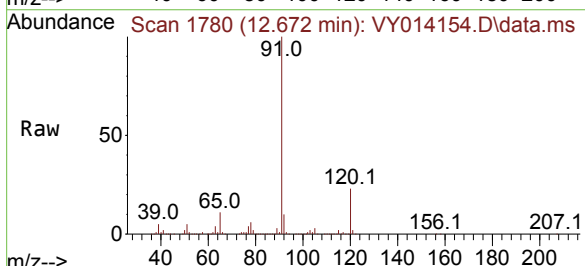
Acq: 14 Jun 2023 15:04

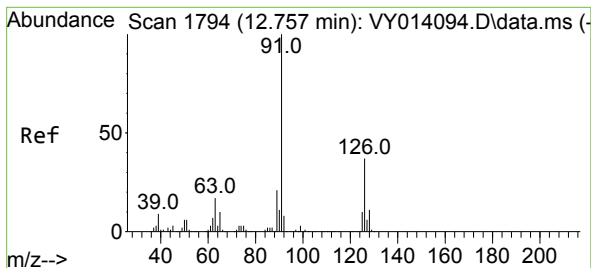
Tgt Ion: 91 Resp: 758636

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.366 ug/l

RT: 12.757 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

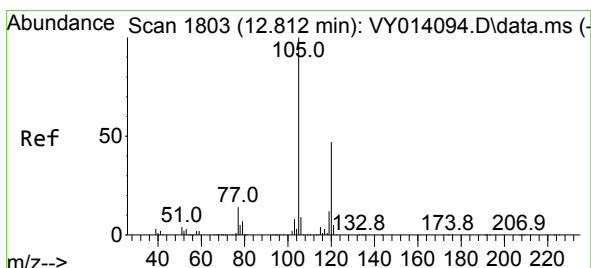
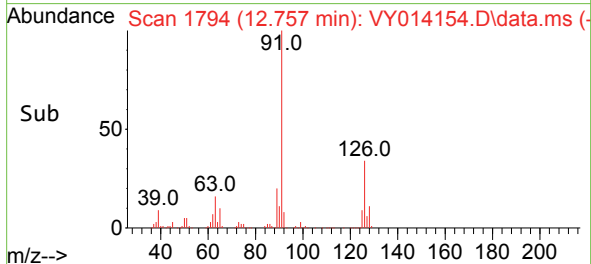
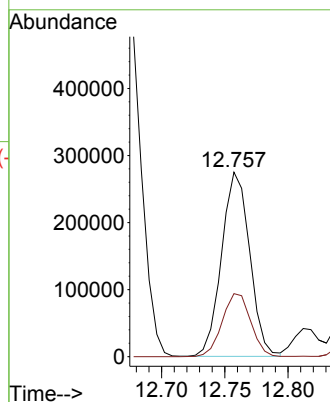
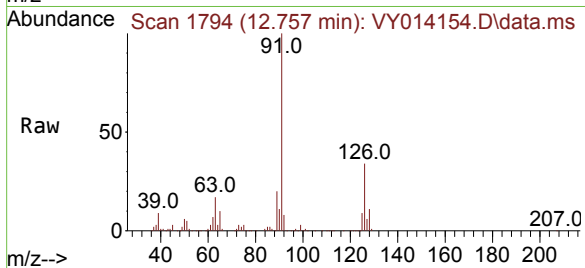
VSTDCCC050

Tgt Ion: 91 Resp: 425297

Ion Ratio Lower Upper

91 100

126 34.7 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 49.253 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY014154.D

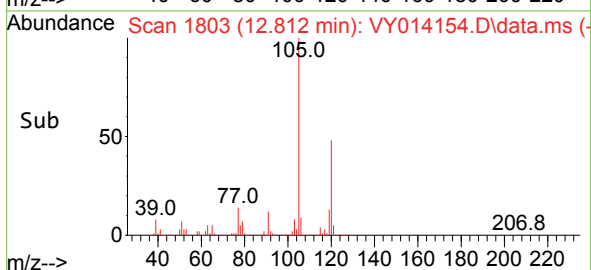
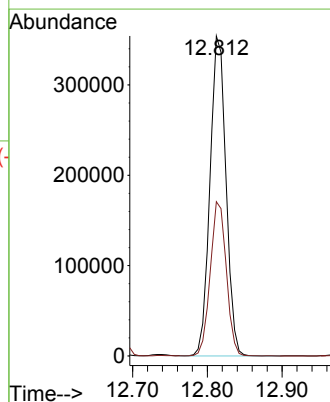
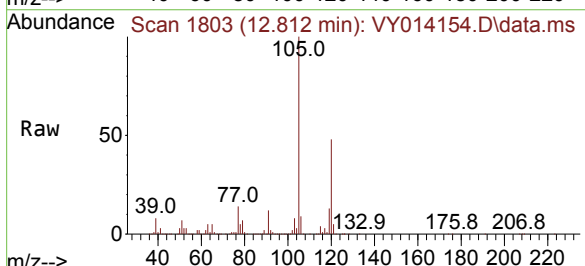
Acq: 14 Jun 2023 15:04

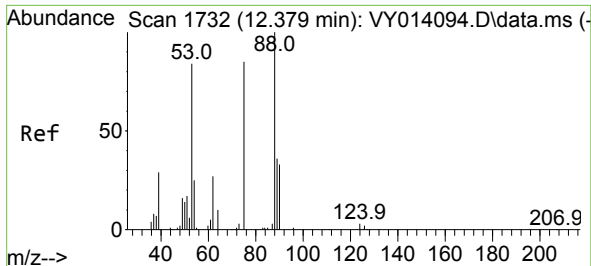
Tgt Ion: 105 Resp: 527666

Ion Ratio Lower Upper

105 100

120 48.3 23.9 71.7

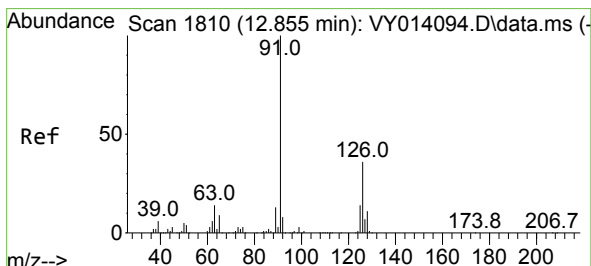
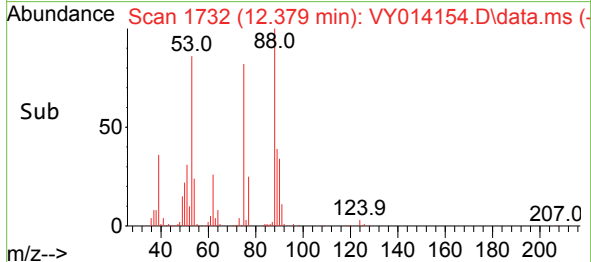
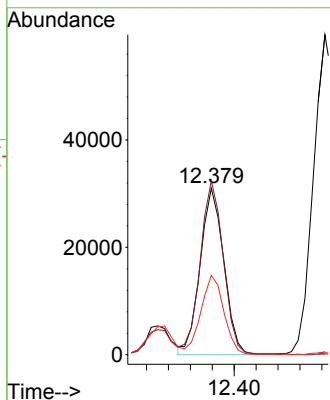
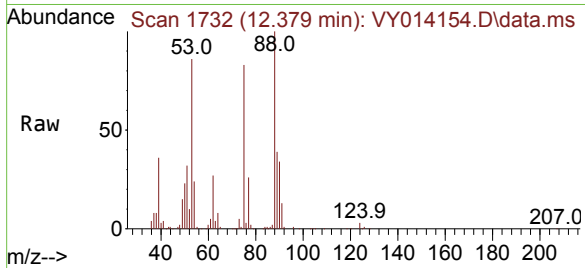




#81
trans-1,4-Dichloro-2-butene
Concen: 46.804 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

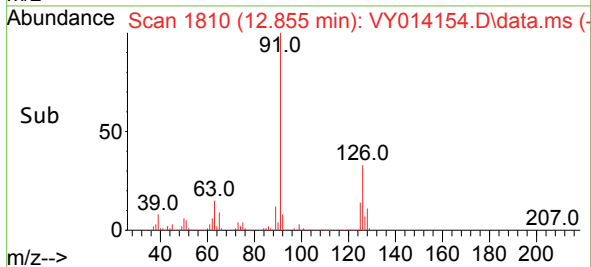
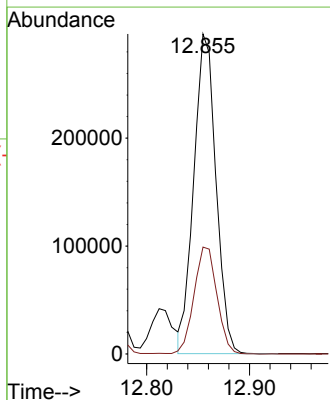
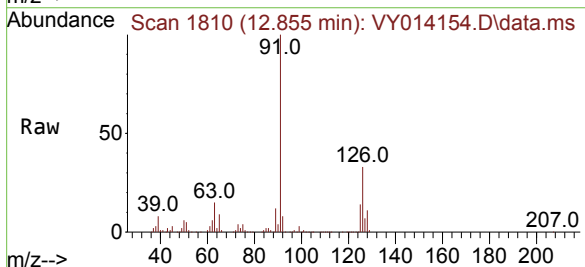
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

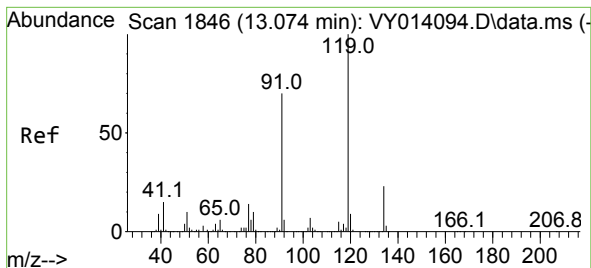
Tgt Ion: 75 Resp: 46592
Ion Ratio Lower Upper
75 100
53 100.9 77.8 116.8
89 46.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 47.673 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Tgt Ion: 91 Resp: 444234
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 50.791 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

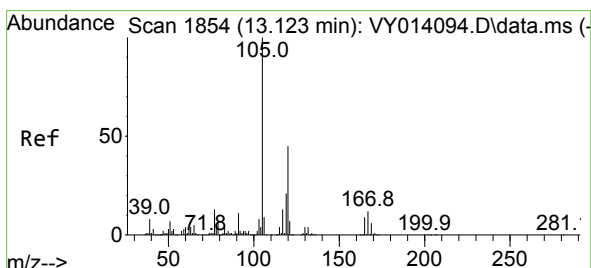
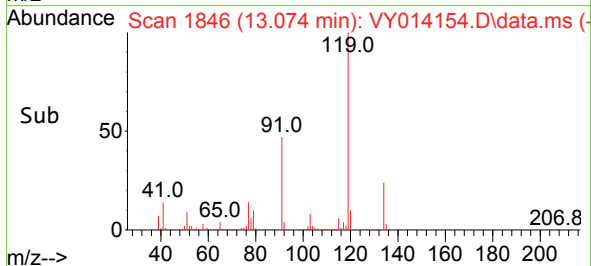
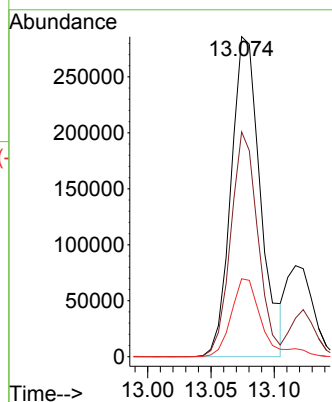
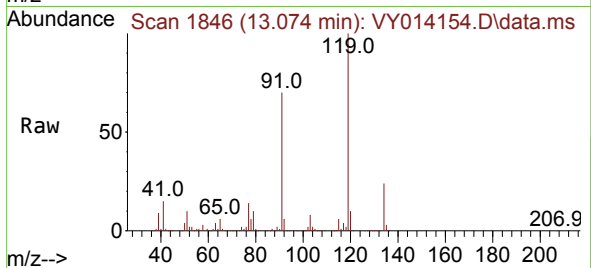
Tgt Ion:119 Resp: 462408

Ion Ratio Lower Upper

119 100

91 64.9 32.9 98.6

134 25.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 49.478 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY014154.D

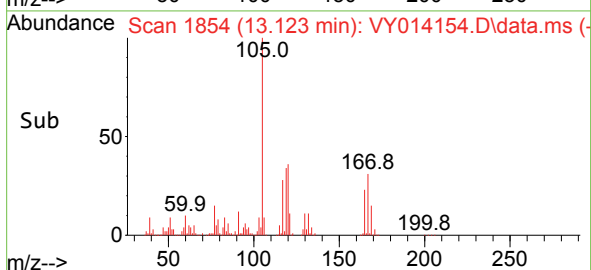
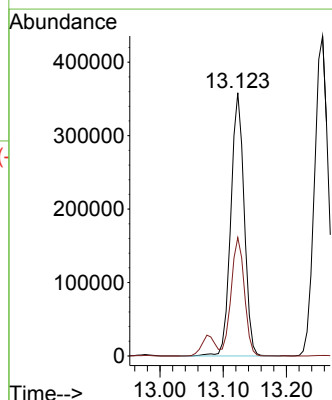
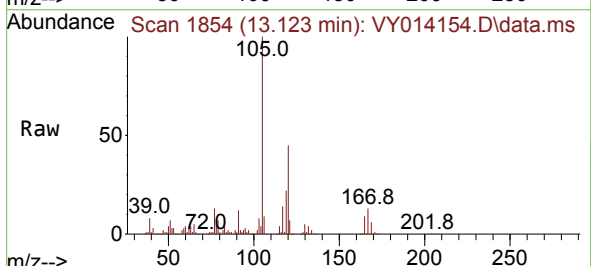
Acq: 14 Jun 2023 15:04

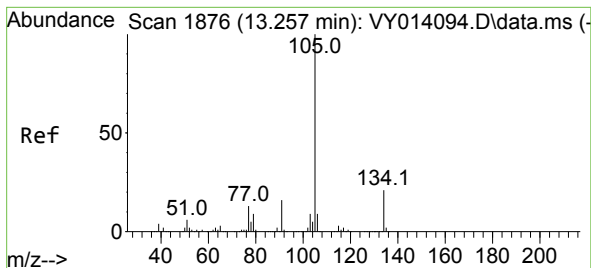
Tgt Ion:105 Resp: 524712

Ion Ratio Lower Upper

105 100

120 45.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 49.953 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

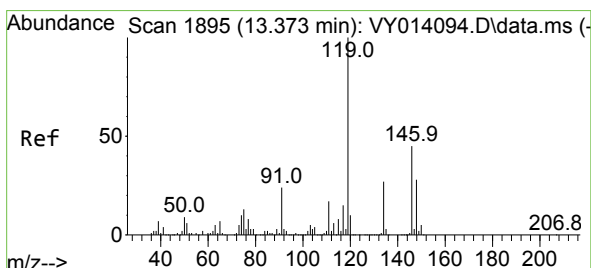
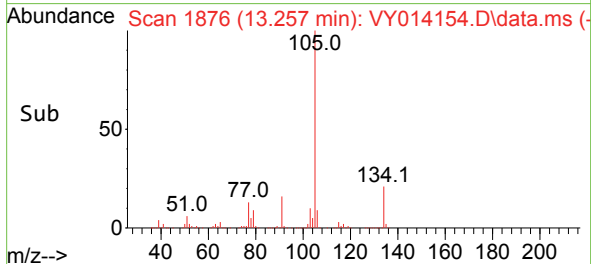
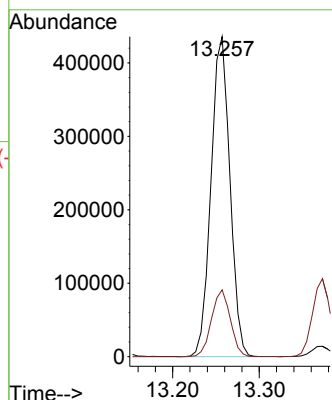
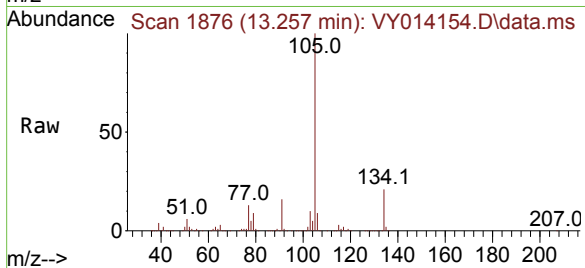
VSTDCCC050

Tgt Ion:105 Resp: 661185

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.6



#86

p-Isopropyltoluene

Concen: 49.696 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

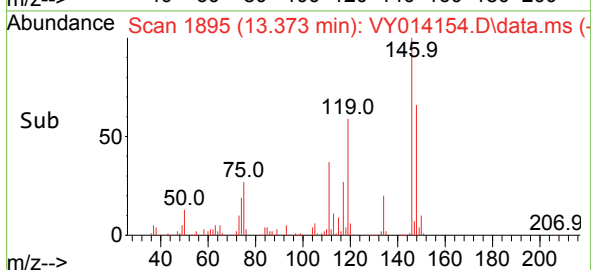
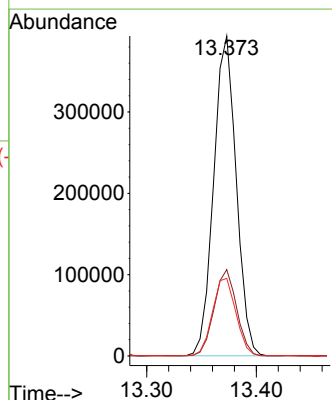
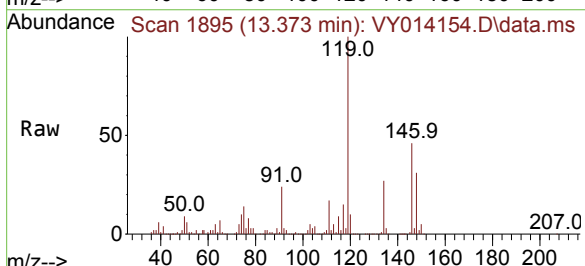
Tgt Ion:119 Resp: 562956

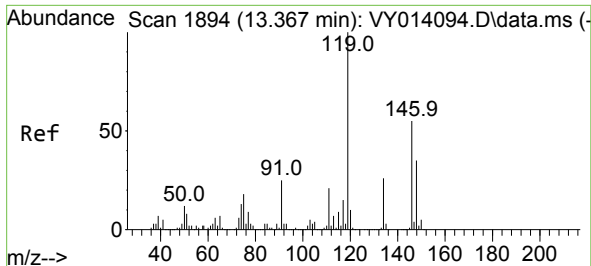
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

91 25.1 12.4 37.4

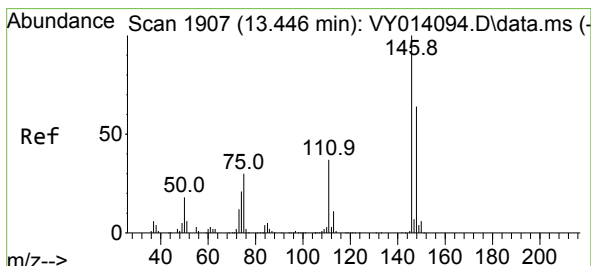
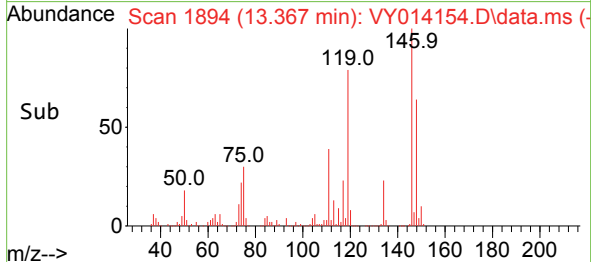
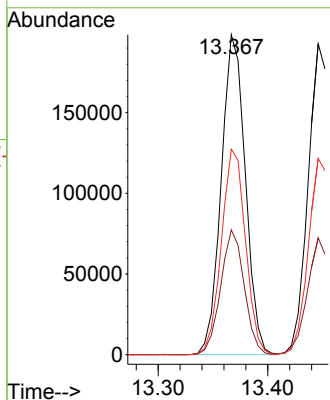
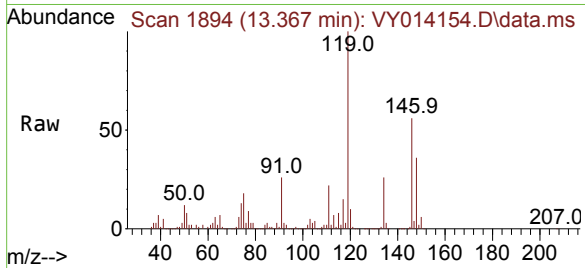




#87
1,3-Dichlorobenzene
Concen: 48.206 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

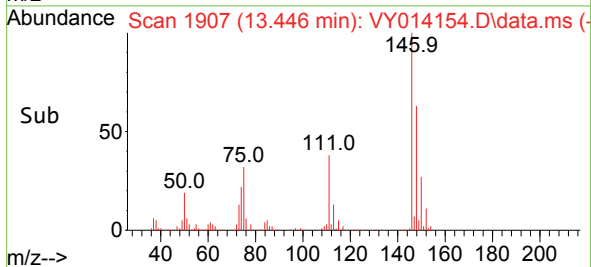
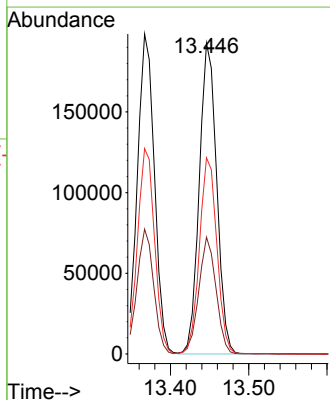
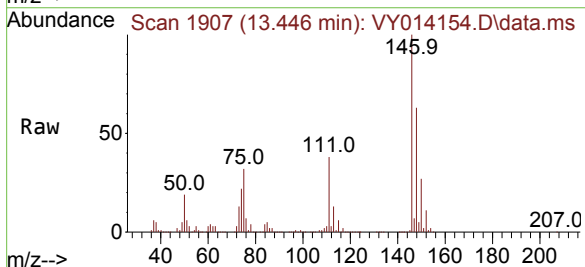
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

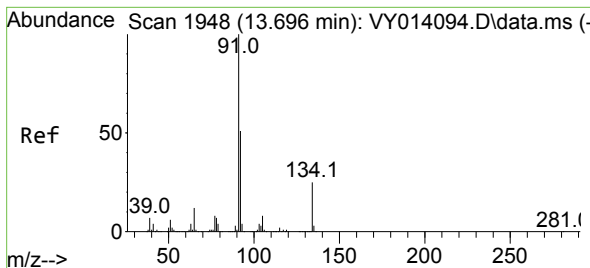
Tgt Ion:146 Resp: 302673
Ion Ratio Lower Upper
146 100
111 38.1 19.4 58.2
148 64.3 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 47.094 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Tgt Ion:146 Resp: 297920
Ion Ratio Lower Upper
146 100
111 37.1 18.9 56.7
148 63.2 32.1 96.5





#89

n-Butylbenzene

Concen: 50.493 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

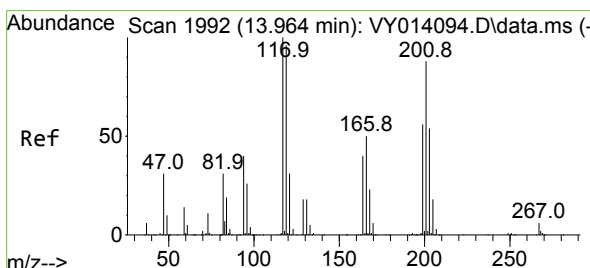
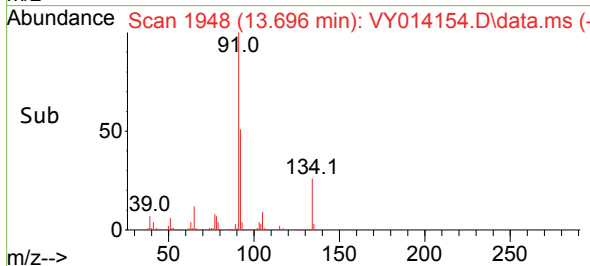
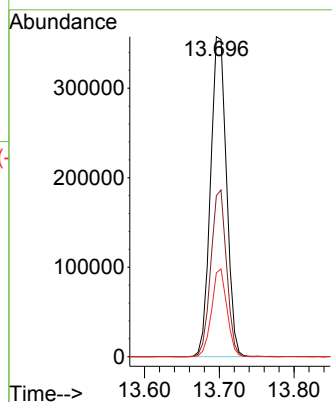
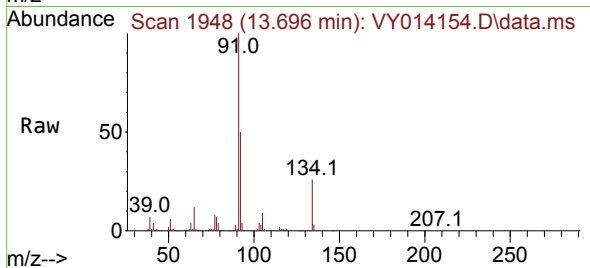
Tgt Ion: 91 Resp: 530521

Ion Ratio Lower Upper

91 100

92 51.2 25.4 76.0

134 26.4 12.6 37.6



#90

Hexachloroethane

Concen: 48.197 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY014154.D

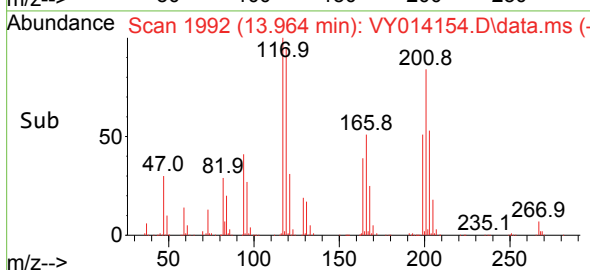
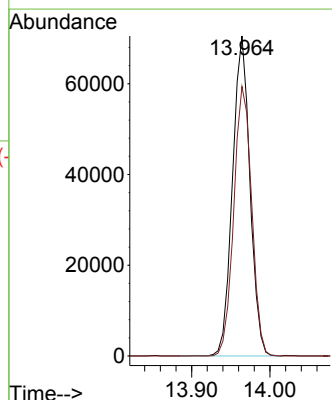
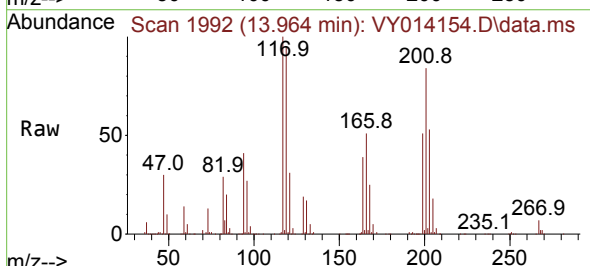
Acq: 14 Jun 2023 15:04

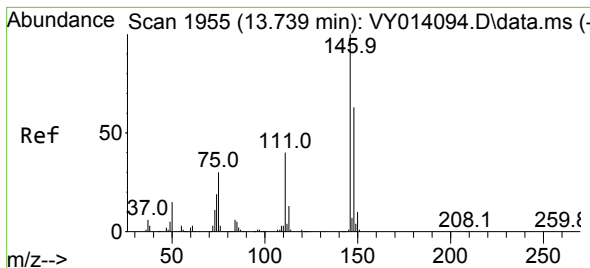
Tgt Ion: 117 Resp: 108793

Ion Ratio Lower Upper

117 100

201 86.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 47.776 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

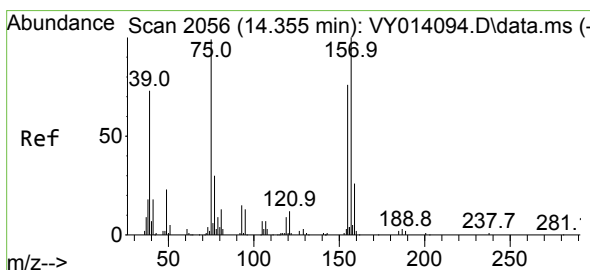
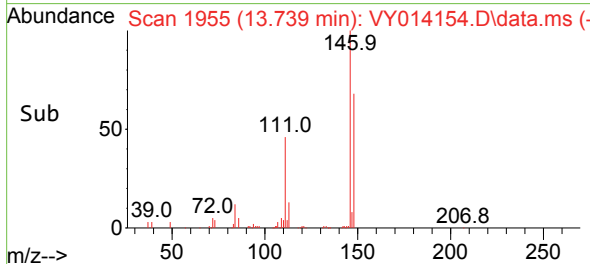
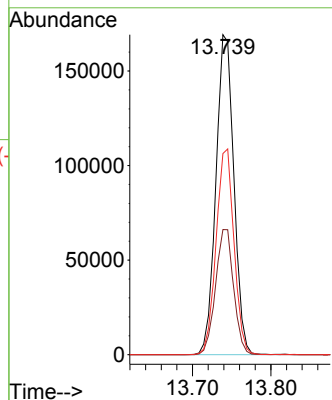
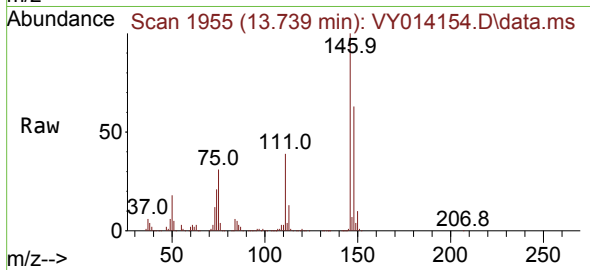
Tgt Ion:146 Resp: 269418

Ion Ratio Lower Upper

146 100

111 39.5 19.7 59.0

148 64.2 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.163 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

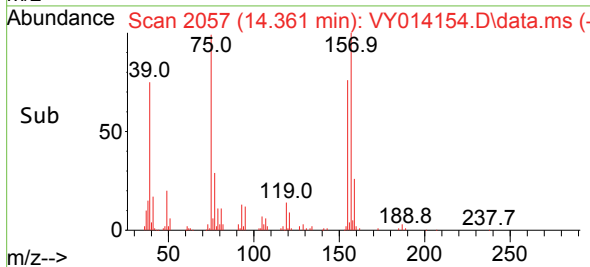
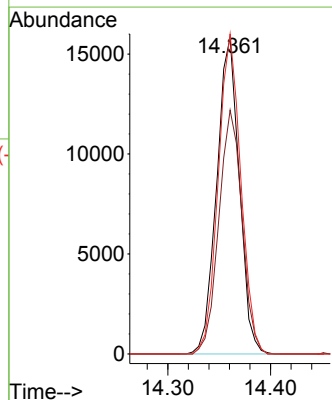
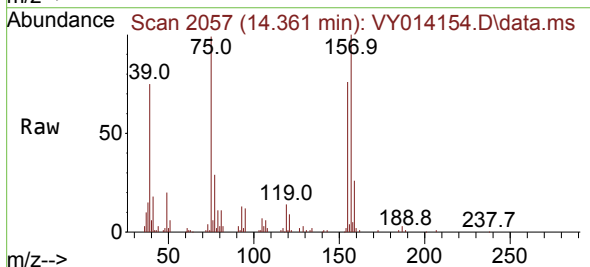
Tgt Ion: 75 Resp: 24045

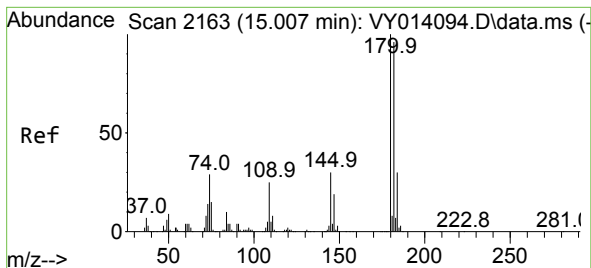
Ion Ratio Lower Upper

75 100

155 79.4 41.5 124.6

157 101.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.200 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

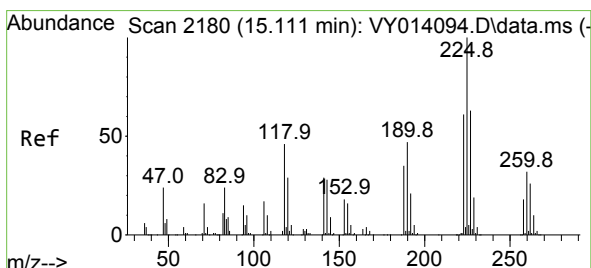
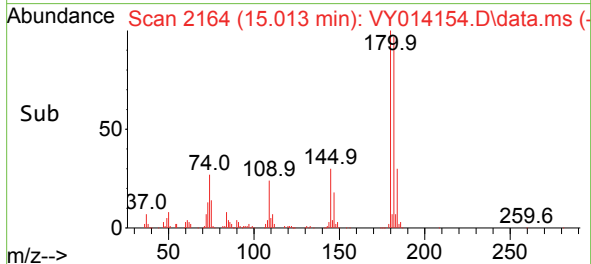
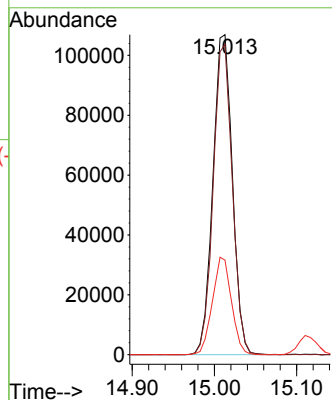
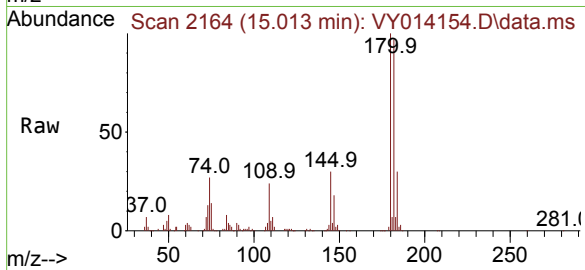
Tgt Ion:180 Resp: 175761

Ion Ratio Lower Upper

180 100

182 95.1 47.0 141.2

145 29.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 51.513 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY014154.D

Acq: 14 Jun 2023 15:04

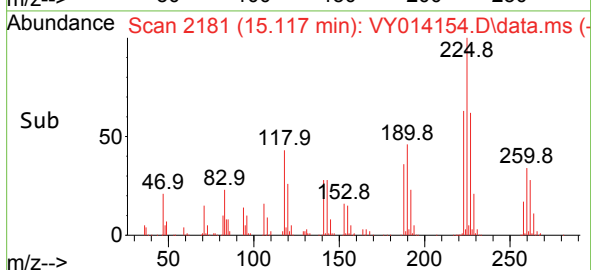
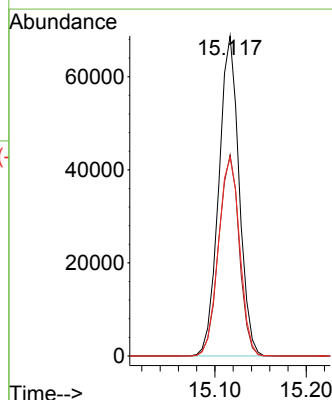
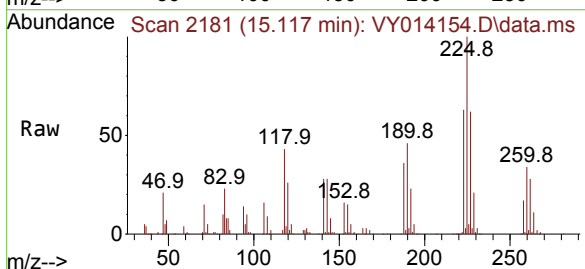
Tgt Ion:225 Resp: 106242

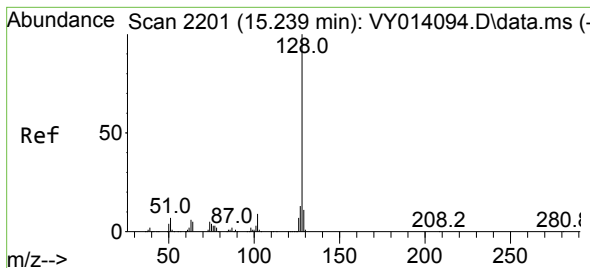
Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.9

227 64.8 33.0 98.9

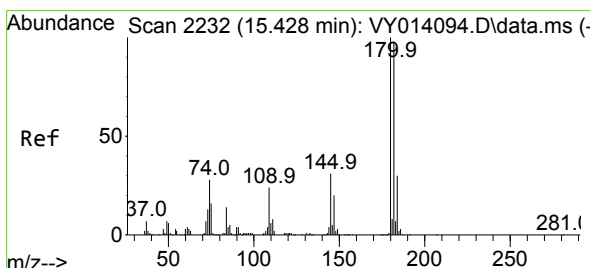
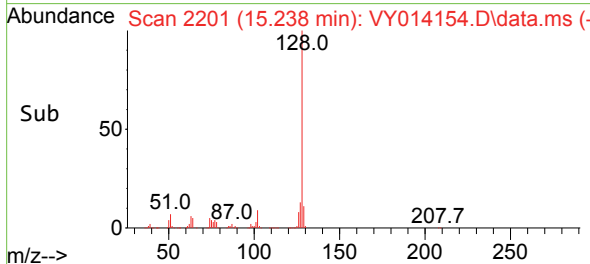
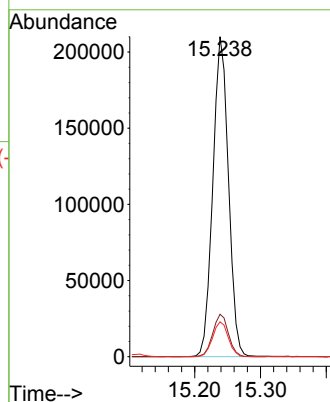
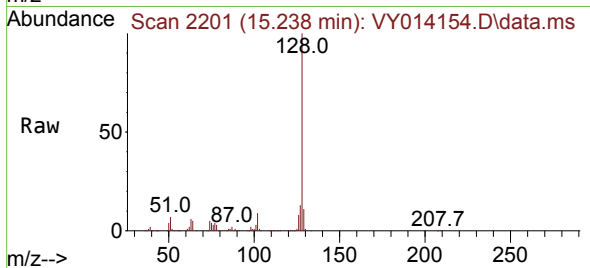




#95
Naphthalene
Concen: 47.926 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. -0.001 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 347509
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.464 ug/l
RT: 15.427 min Scan# 2232
Delta R.T. -0.001 min
Lab File: VY014154.D
Acq: 14 Jun 2023 15:04

Tgt Ion:180 Resp: 153215
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.8
145 31.3 15.4 46.2

