

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063023\
 Data File : VY014518.D
 Acq On : 30 Jun 2023 15:48
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY063023

Quant Time: Jun 30 23:17:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	413483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	613545	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	571673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	305381	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	197039	47.903	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.800%
35) Dibromofluoromethane	7.709	113	193108	51.110	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.220%
50) Toluene-d8	10.178	98	752836	50.405	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.800%
62) 4-Bromofluorobenzene	12.477	95	261974	50.512	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	140059	47.014	ug/l	99
3) Chloromethane	2.107	50	219477	45.832	ug/l	97
4) Vinyl Chloride	2.247	62	254518	46.111	ug/l	98
5) Bromomethane	2.637	94	195266	45.622	ug/l	97
6) Chloroethane	2.783	64	168602	47.439	ug/l	96
7) Trichlorofluoromethane	3.113	101	311381	46.449	ug/l	99
8) Diethyl Ether	3.521	74	119511	47.082	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.887	101	184633	46.120	ug/l	98
10) Methyl Iodide	4.082	142	237759	52.045	ug/l	92
11) Tert butyl alcohol	4.948	59	137188	187.679	ug/l #	84
12) 1,1-Dichloroethene	3.862	96	185909	47.936	ug/l	88
13) Acrolein	3.722	56	112545	206.201	ug/l	100
14) Allyl chloride	4.472	41	285900	48.909	ug/l #	87
15) Acrylonitrile	5.149	53	316499	217.201	ug/l	98
16) Acetone	3.942	43	305115	237.529	ug/l #	88
17) Carbon Disulfide	4.186	76	574755	48.631	ug/l	99
18) Methyl Acetate	4.466	43	243907	41.712	ug/l	91
19) Methyl tert-butyl Ether	5.210	73	539839	48.432	ug/l	100
20) Methylene Chloride	4.710	84	240137	51.982	ug/l #	84
21) trans-1,2-Dichloroethene	5.210	96	217758	49.604	ug/l	94
22) Diisopropyl ether	6.112	45	608308	50.503	ug/l	88
23) Vinyl Acetate	6.051	43	1710020	245.385	ug/l #	93
24) 1,1-Dichloroethane	6.002	63	368608	48.748	ug/l	99
25) 2-Butanone	6.978	43	419622	220.622	ug/l	93
26) 2,2-Dichloropropane	6.972	77	320509	49.729	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	251114	50.427	ug/l	90
28) Bromochloromethane	7.325	49	152190	47.932	ug/l #	83
29) Tetrahydrofuran	7.337	42	263106	214.461	ug/l #	87
30) Chloroform	7.496	83	387834	49.169	ug/l	98
31) Cyclohexane	7.782	56	297138	46.045	ug/l	93
32) 1,1,1-Trichloroethane	7.691	97	327028	48.504	ug/l	97
36) 1,1-Dichloropropene	7.910	75	286709	49.552	ug/l	97
37) Ethyl Acetate	7.069	43	173999	43.850	ug/l #	92
38) Carbon Tetrachloride	7.892	117	296779	49.135	ug/l	98
39) Methylcyclohexane	9.179	83	343404	49.654	ug/l	94
40) Benzene	8.154	78	870781	49.718	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.337	41	235888	121.684	ug/l #	17
42) 1,2-Dichloroethane	8.234	62	246263	47.837	ug/l	92
43) Isopropyl Acetate	8.264	43	305021	45.360	ug/l #	90
44) Trichloroethene	8.935	130	244641	50.102	ug/l	93
45) 1,2-Dichloropropane	9.209	63	221405	49.277	ug/l	97
46) Dibromomethane	9.300	93	129965	47.513	ug/l	93
47) Bromodichloromethane	9.489	83	297218	49.315	ug/l	98
48) Methyl methacrylate	9.288	41	147569	48.257	ug/l #	80
49) 1,4-Dioxane	9.294	88	42097	861.860	ug/l #	63
51) 4-Methyl-2-Pentanone	10.069	43	872748	219.223	ug/l	88
52) Toluene	10.239	92	559487	50.762	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	321028	49.811	ug/l	99
54) cis-1,3-Dichloropropene	9.922	75	364025	50.623	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	190628	47.895	ug/l	97
56) Ethyl methacrylate	10.508	69	262335	48.453	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	312921	48.252	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	634133	241.765	ug/l	95
59) 2-Hexanone	10.831	43	640932	222.873	ug/l	86
60) Dibromochloromethane	10.977	129	229929	49.301	ug/l	100
61) 1,2-Dibromoethane	11.087	107	186518	48.000	ug/l	99
64) Tetrachloroethene	10.715	164	247134	48.359	ug/l	97
65) Chlorobenzene	11.514	112	608746	49.967	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	232651	50.244	ug/l	99
67) Ethyl Benzene	11.587	91	1068133	51.413	ug/l	99
68) m/p-Xylenes	11.703	106	853338	103.549	ug/l	93
69) o-Xylene	12.026	106	403594	51.636	ug/l	95
70) Styrene	12.044	104	693620	51.579	ug/l	96
71) Bromoform	12.202	173	166294	47.272	ug/l #	99
73) Isopropylbenzene	12.324	105	1045776	52.288	ug/l	99
74) N-amyl acetate	12.141	43	281811	46.686	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.580	83	235860	45.954	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	303013	84.557	ug/l #	100
77) Bromobenzene	12.605	156	277605	50.819	ug/l	92
78) n-propylbenzene	12.666	91	1274384	52.235	ug/l	98
79) 2-Chlorotoluene	12.751	91	726212	51.723	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	896823	52.968	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	85742	46.571	ug/l	86
82) 4-Chlorotoluene	12.849	91	754913	51.322	ug/l	97
83) tert-Butylbenzene	13.074	119	784884	52.746	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	895102	52.978	ug/l	98
85) sec-Butylbenzene	13.251	105	1148100	52.286	ug/l	99
86) p-Isopropyltoluene	13.367	119	988236	53.479	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	546361	51.154	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	539635	50.415	ug/l	99
89) n-Butylbenzene	13.696	91	900745	52.745	ug/l	97
90) Hexachloroethane	13.958	117	185274	50.616	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	491084	50.760	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	40643	43.253	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	337892	54.073	ug/l	99
94) Hexachlorobutadiene	15.110	225	202753	52.793	ug/l	97
95) Naphthalene	15.232	128	672514	50.585	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	302977	53.214	ug/l	99

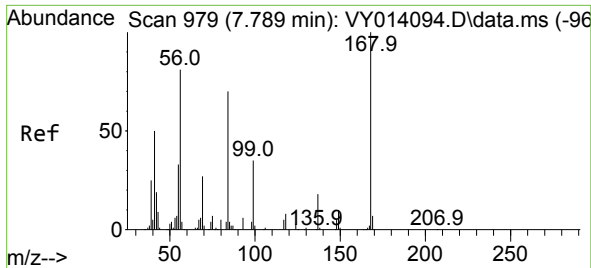
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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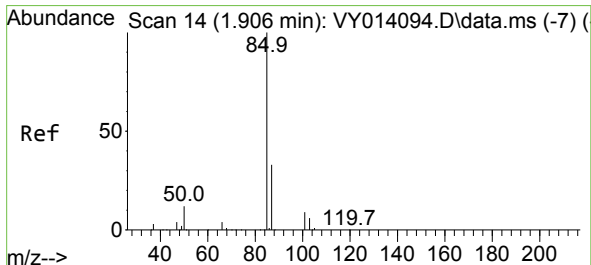
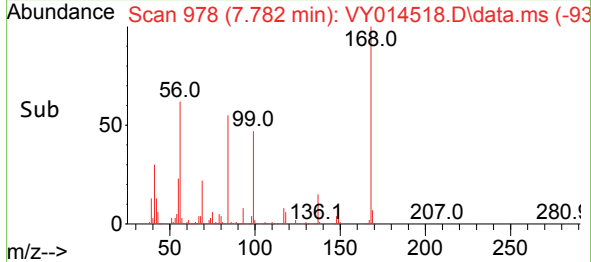
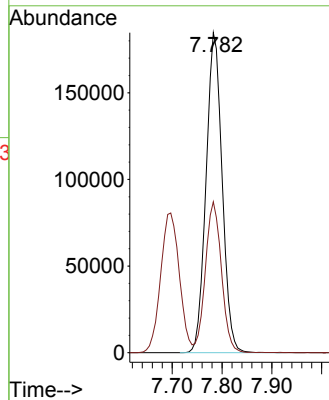
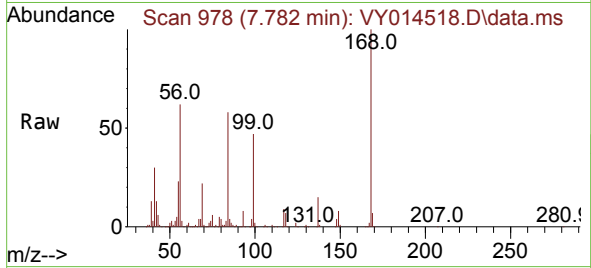
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY014518.D
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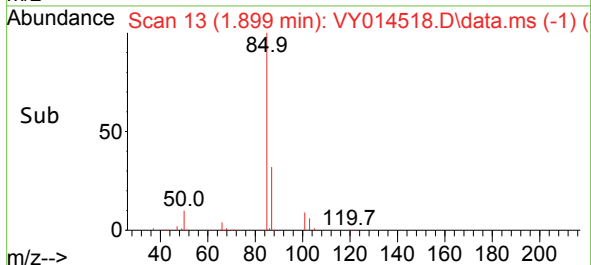
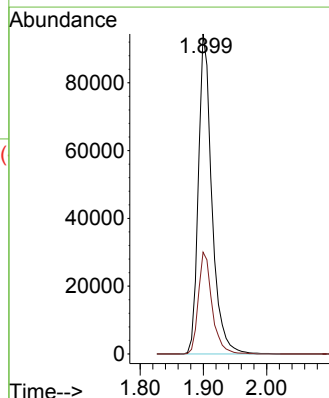
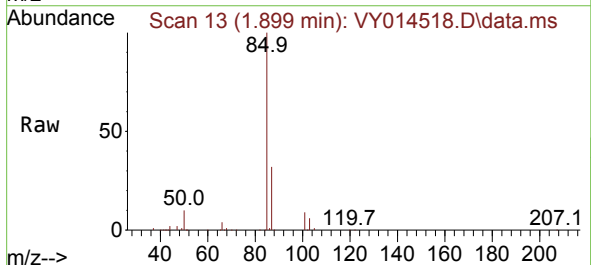
Instrument :
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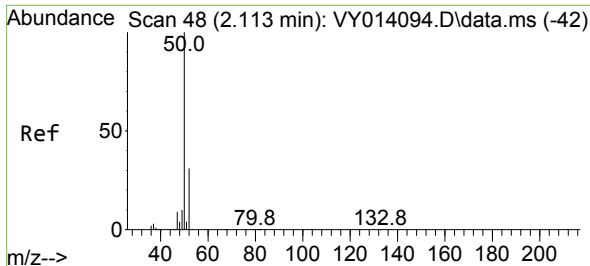
Tgt Ion:168 Resp: 413483
Ion Ratio Lower Upper
168 100
99 47.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 47.014 ug/l
RT: 1.899 min Scan# 13
Delta R.T. -0.007 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

Tgt Ion: 85 Resp: 140059
Ion Ratio Lower Upper
85 100
87 31.8 15.6 46.8

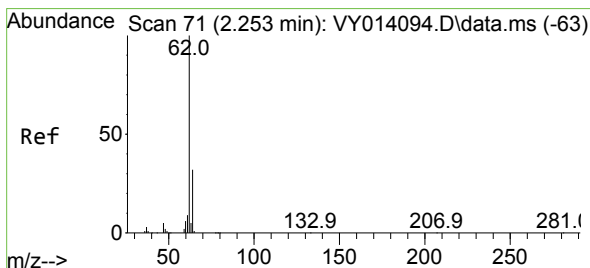
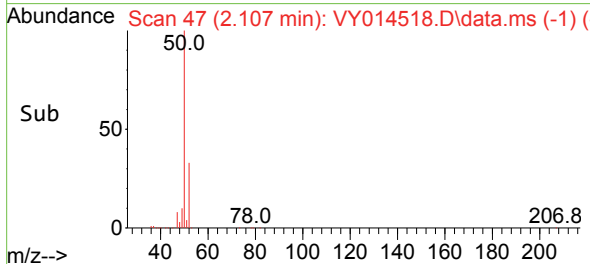
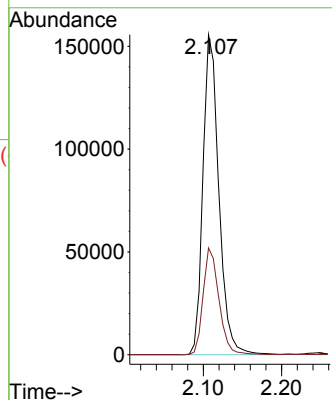
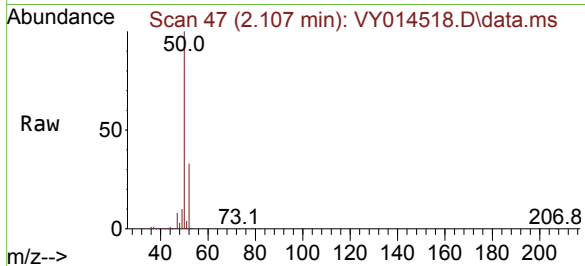




#3
Chloromethane
Concen: 45.832 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

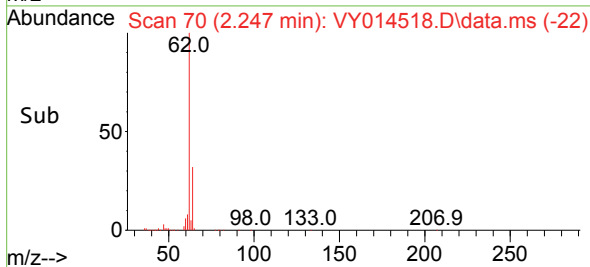
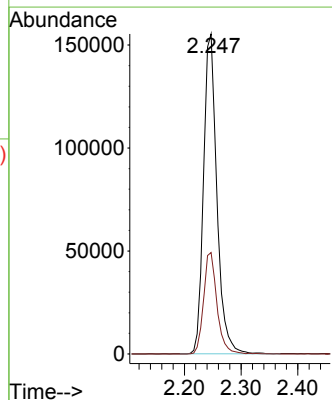
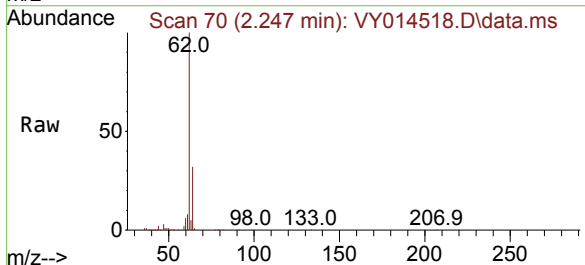
Instrument :
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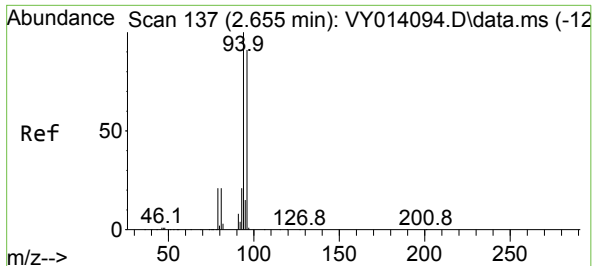
Tgt Ion: 50 Resp: 219477
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.2



#4
Vinyl Chloride
Concen: 46.111 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

Tgt Ion: 62 Resp: 254518
Ion Ratio Lower Upper
62 100
64 31.7 24.3 36.5

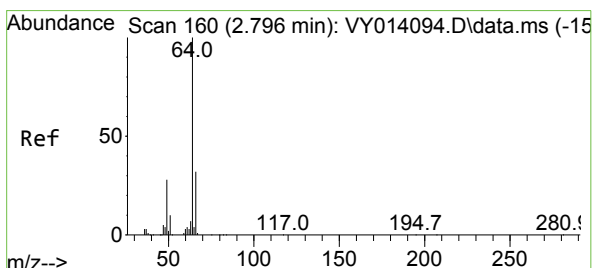
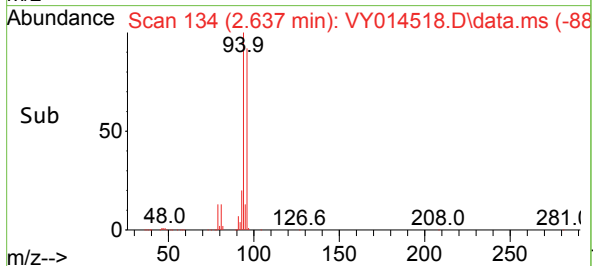
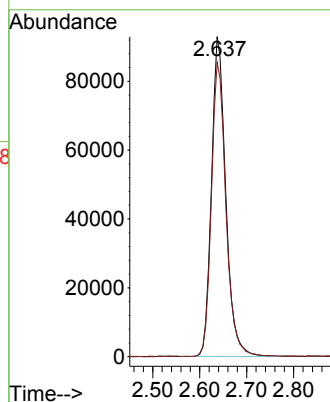
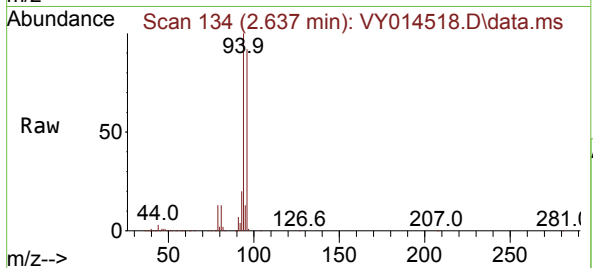




#5
Bromomethane
Concen: 45.622 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

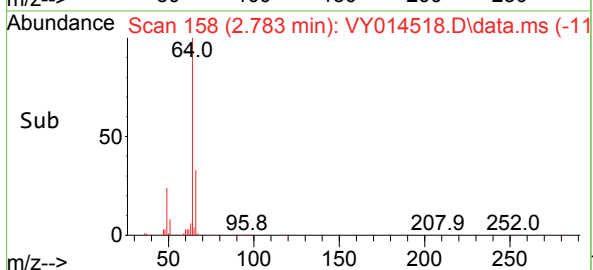
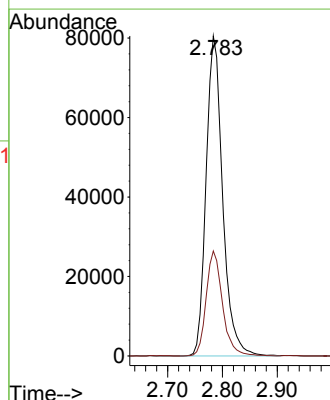
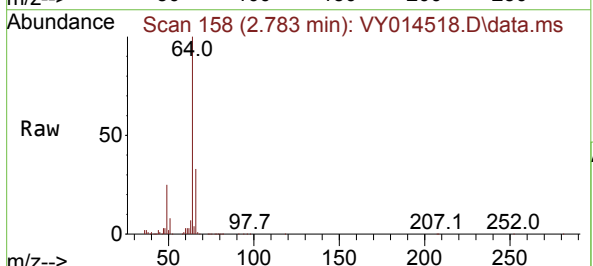
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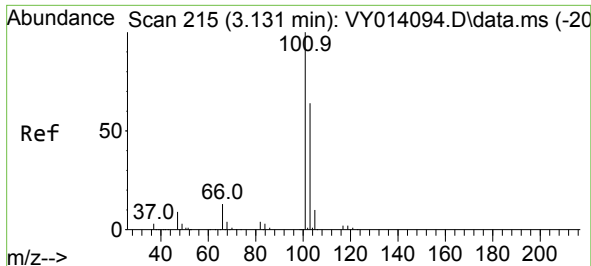
Tgt Ion: 94 Resp: 195266
Ion Ratio Lower Upper
94 100
96 91.9 75.8 113.6



#6
Chloroethane
Concen: 47.439 ug/l
RT: 2.783 min Scan# 158
Delta R.T. -0.013 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

Tgt Ion: 64 Resp: 168602
Ion Ratio Lower Upper
64 100
66 32.8 24.4 36.6

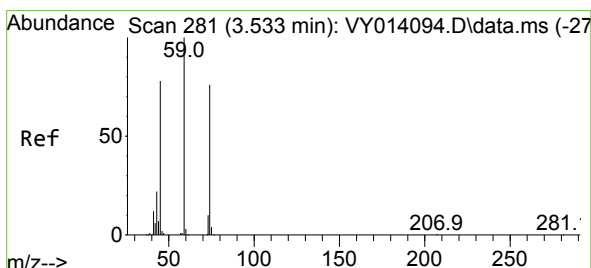
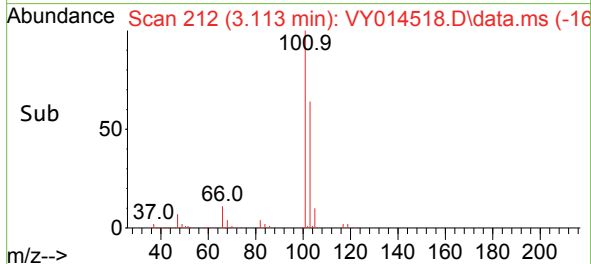
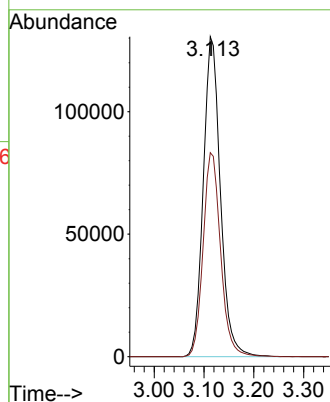
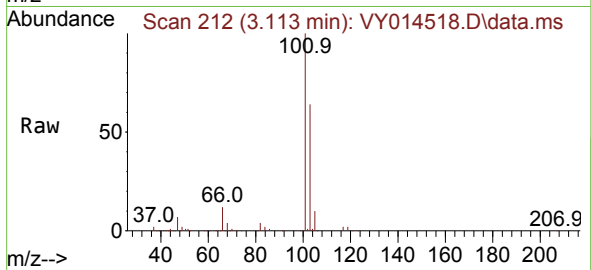




#7
Trichlorofluoromethane
Concen: 46.449 ug/l
RT: 3.113 min Scan# 215
Delta R.T. -0.018 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

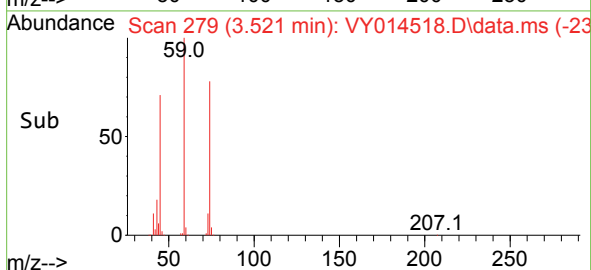
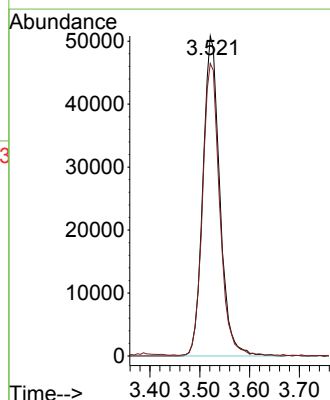
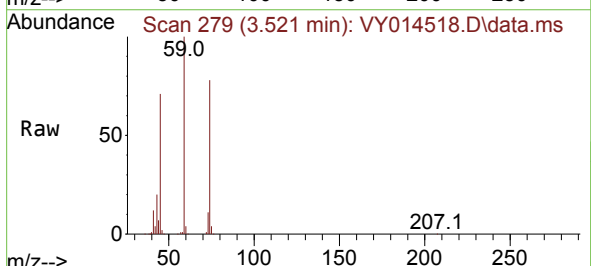
Instrument :
MSVOA_Y
ClientSampleId :
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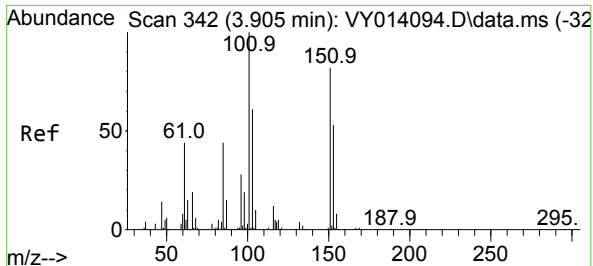
Tgt Ion:101 Resp: 311381
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.0



#8
Diethyl Ether
Concen: 47.082 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.012 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

Tgt Ion: 74 Resp: 119511
Ion Ratio Lower Upper
74 100
45 92.3 51.5 154.5

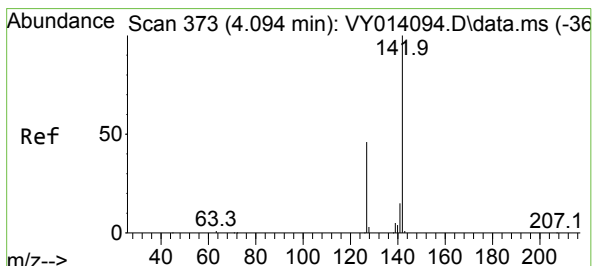
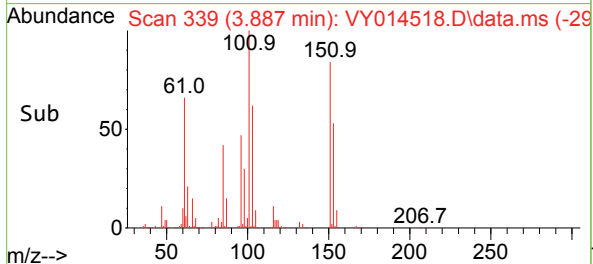
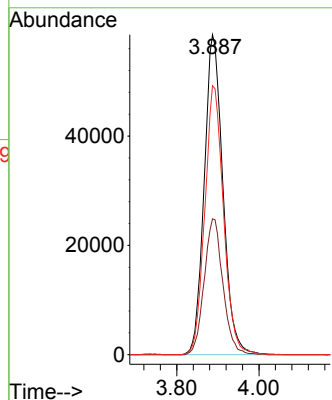
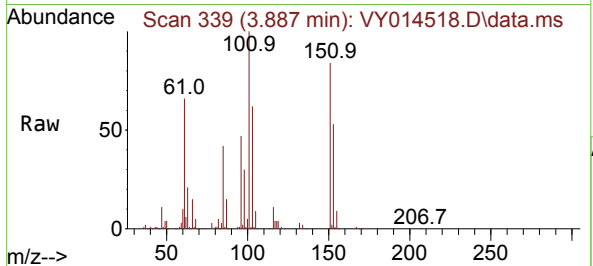




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.120 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.018 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

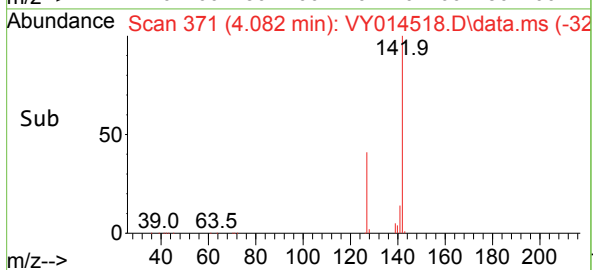
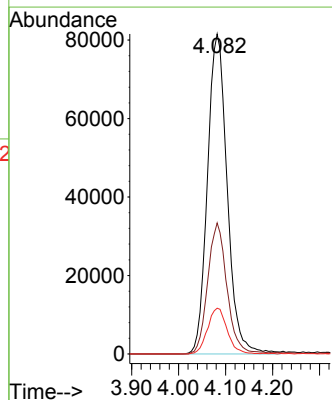
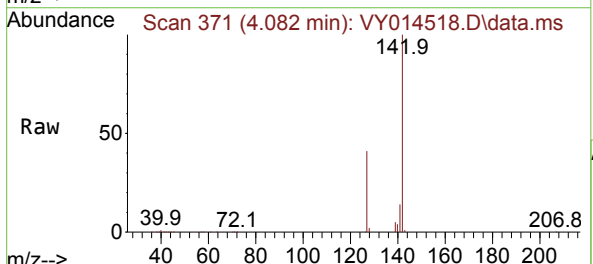
Instrument :
MSVOA_Y
ClientSampleId :
ICVY063023

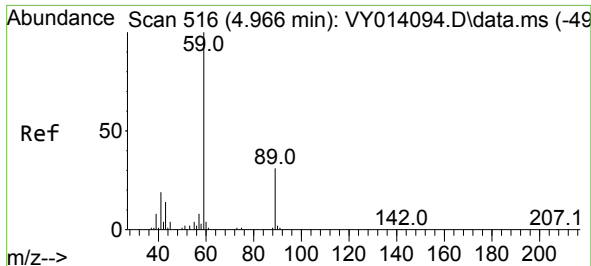
Tgt Ion:101 Resp: 184633
Ion Ratio Lower Upper
101 100
85 42.7 36.6 55.0
151 84.5 67.0 100.6



#10
Methyl Iodide
Concen: 52.045 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

Tgt Ion:142 Resp: 237759
Ion Ratio Lower Upper
142 100
127 40.0 37.6 56.4
141 14.3 11.8 17.8

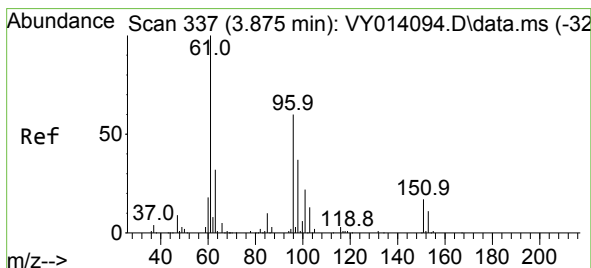
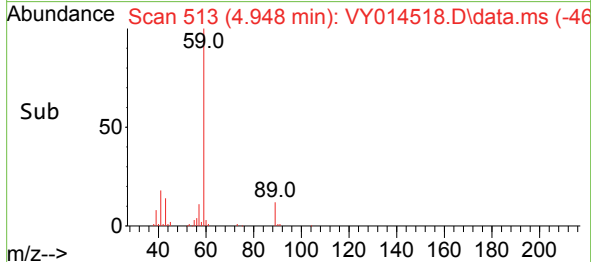
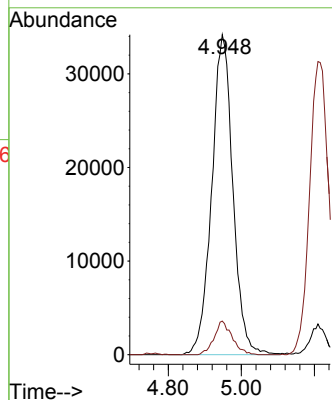
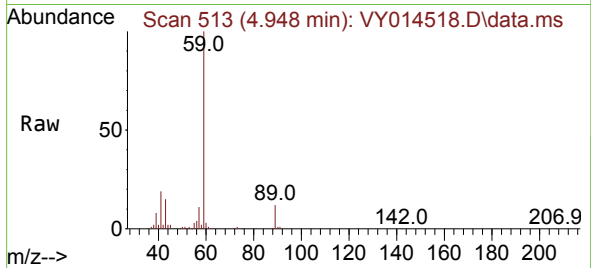




#11
Tert butyl alcohol
Concen: 187.679 ug/l
RT: 4.948 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

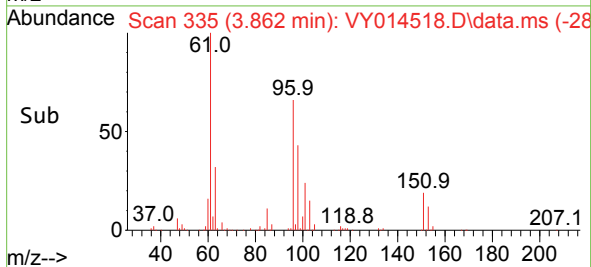
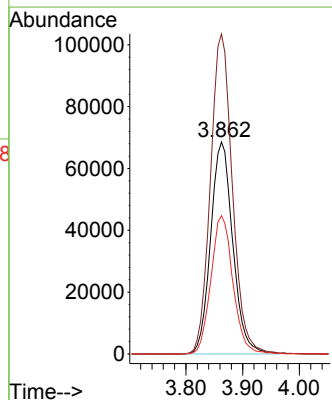
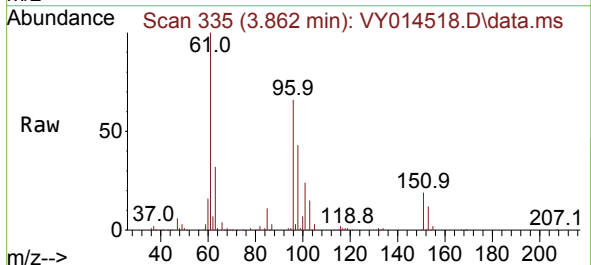
Instrument :
MSVOA_Y
ClientSampleId :
ICVY063023

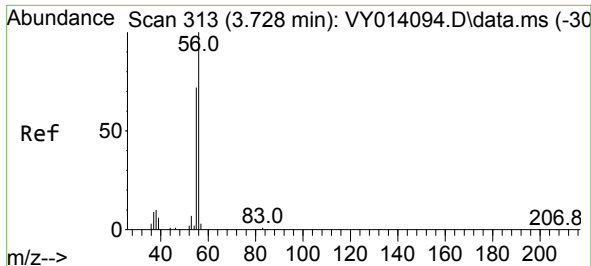
Tgt Ion: 59 Resp: 137188
Ion Ratio Lower Upper
59 100
57 8.9 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.936 ug/l
RT: 3.862 min Scan# 335
Delta R.T. -0.013 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

Tgt Ion: 96 Resp: 185909
Ion Ratio Lower Upper
96 100
61 150.9 136.4 204.6
98 65.2 49.4 74.2





#13

Acrolein

Concen: 206.201 ug/l

RT: 3.722 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

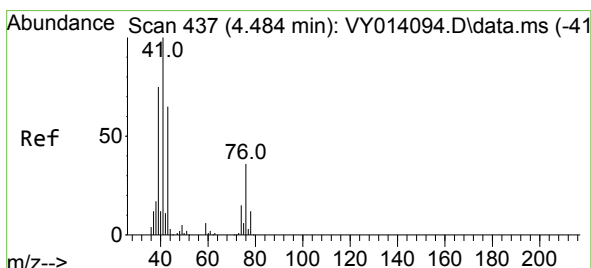
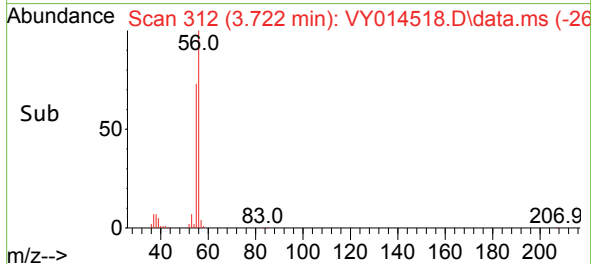
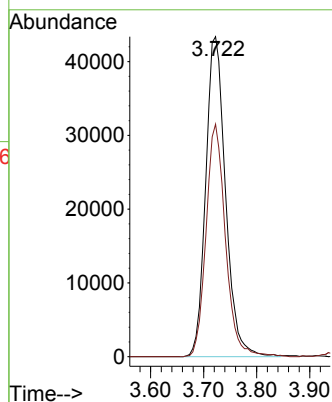
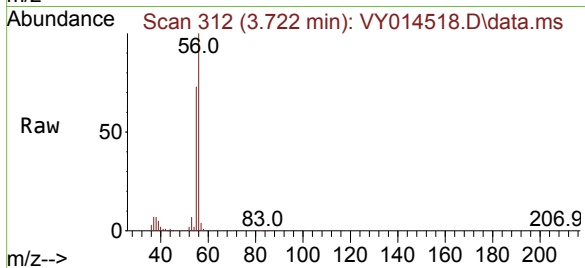
ICVY063023

Tgt Ion: 56 Resp: 112545

Ion Ratio Lower Upper

56 100

55 71.3 57.0 85.4



#14

Allyl chloride

Concen: 48.909 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.012 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

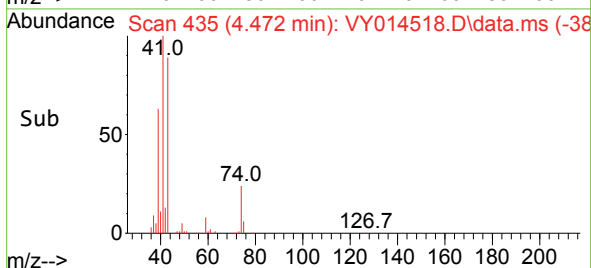
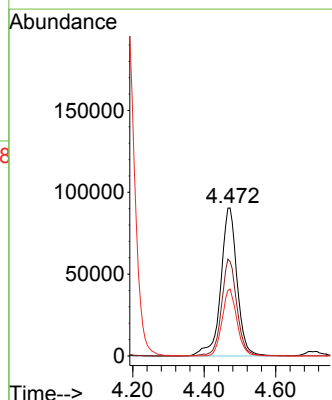
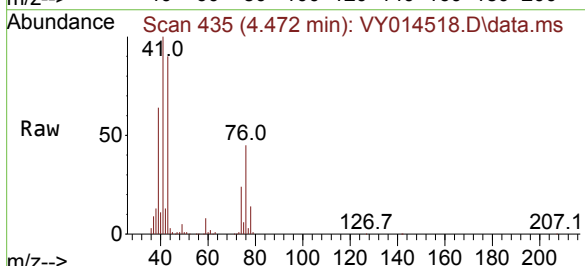
Tgt Ion: 41 Resp: 285900

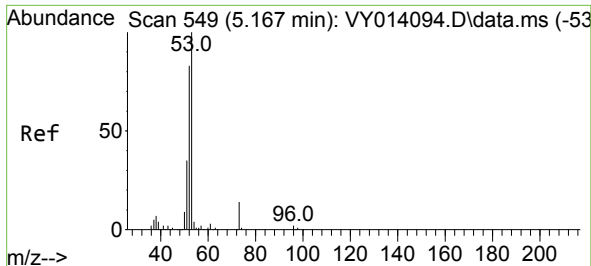
Ion Ratio Lower Upper

41 100

39 61.4 58.0 87.0

76 41.2 27.4 41.2#

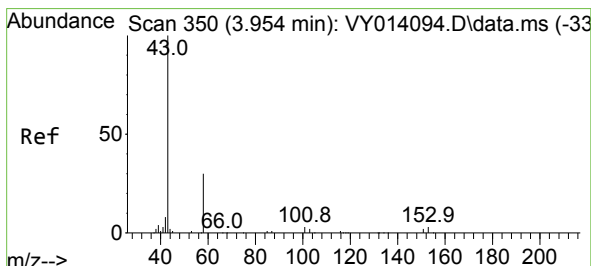
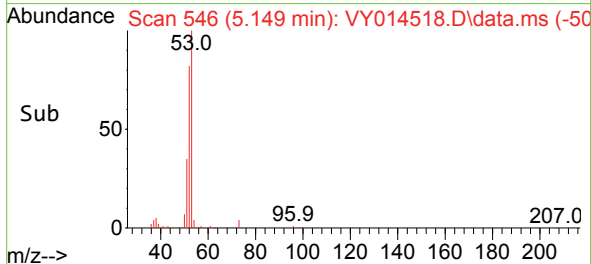
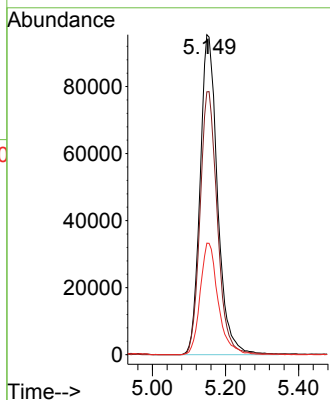
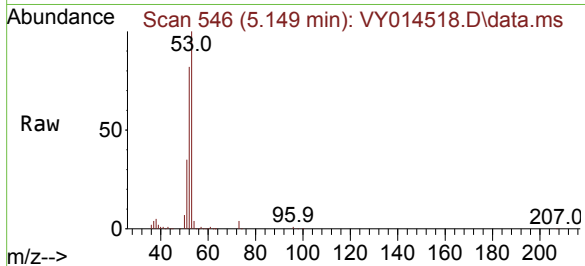




#15
Acrylonitrile
Concen: 217.201 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.018 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

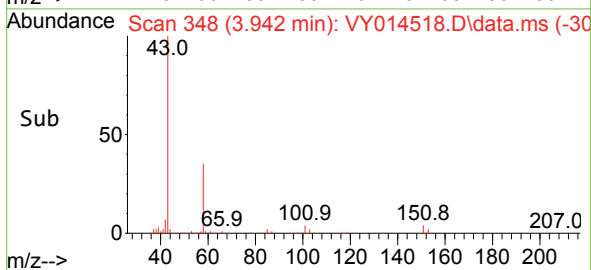
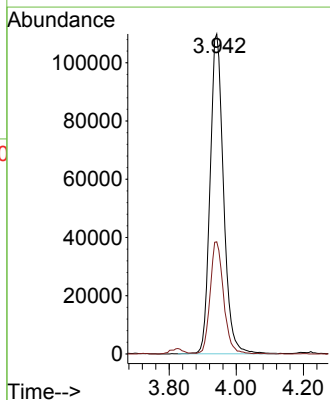
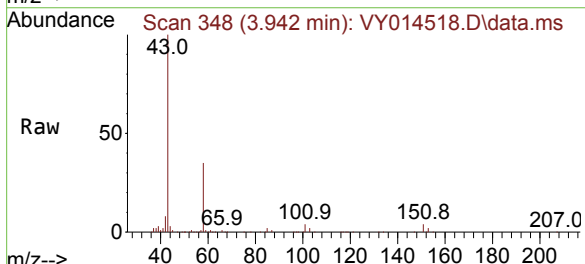
Instrument :
MSVOA_Y
ClientSampleId :
ICVY063023

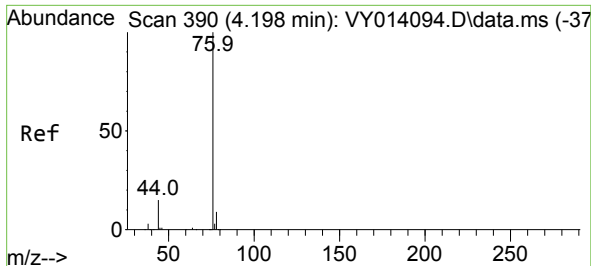
Tgt Ion: 53 Resp: 316499
Ion Ratio Lower Upper
53 100
52 81.4 66.9 100.3
51 36.0 29.8 44.6



#16
Acetone
Concen: 237.529 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

Tgt Ion: 43 Resp: 305115
Ion Ratio Lower Upper
43 100
58 35.0 22.7 34.1#

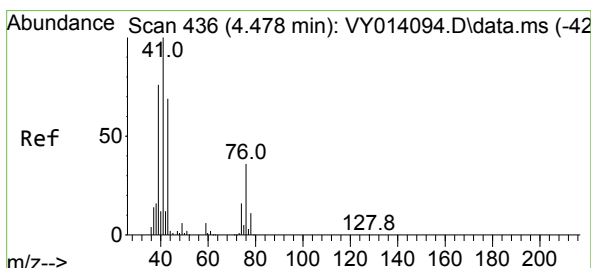
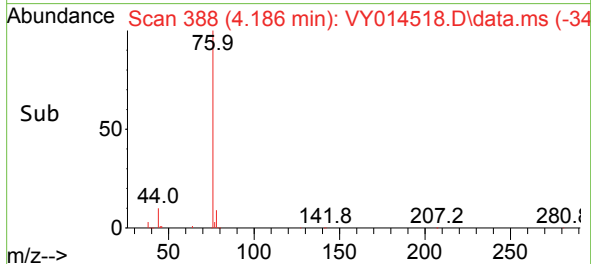
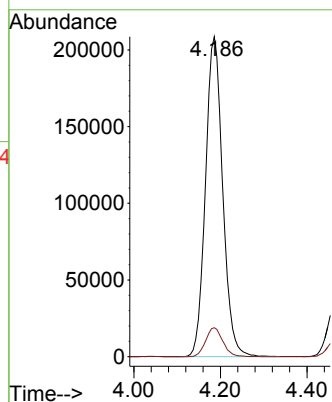
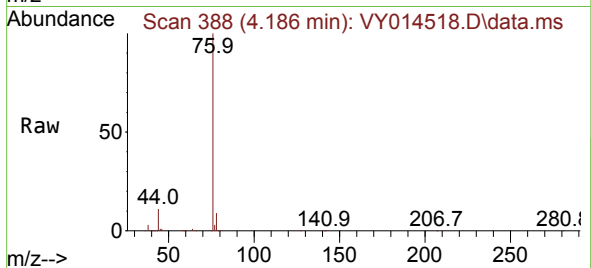




#17
Carbon Disulfide
Concen: 48.631 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

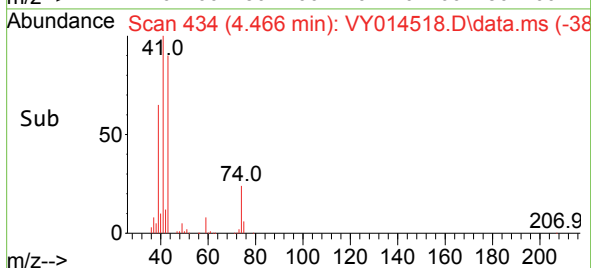
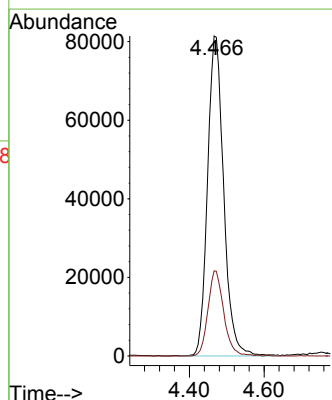
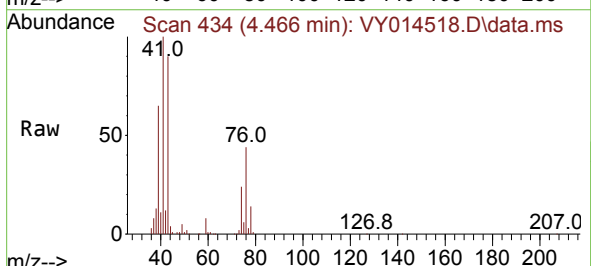
Instrument :
MSVOA_Y
ClientSampleId :
ICVY063023

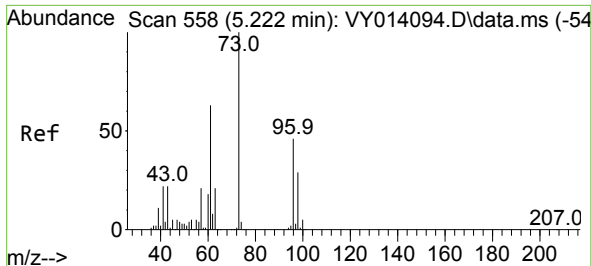
Tgt Ion: 76 Resp: 574755
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 41.712 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

Tgt Ion: 43 Resp: 243907
Ion Ratio Lower Upper
43 100
74 26.0 17.4 26.0

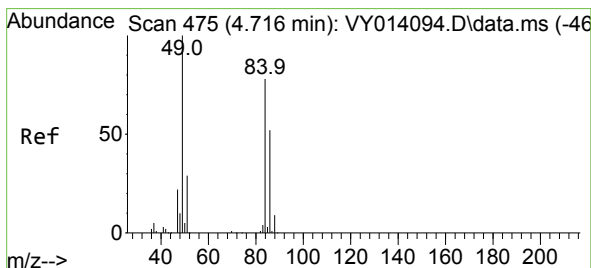
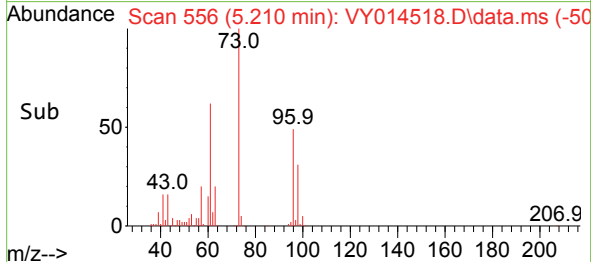
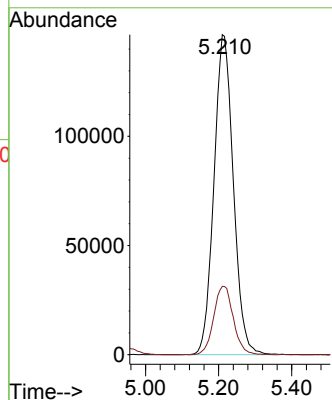
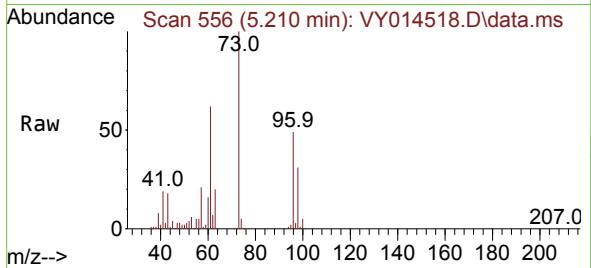




#19
Methyl tert-butyl Ether
Concen: 48.432 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

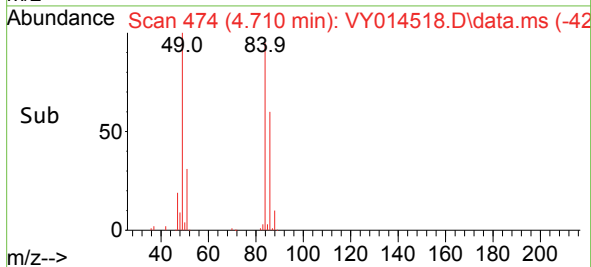
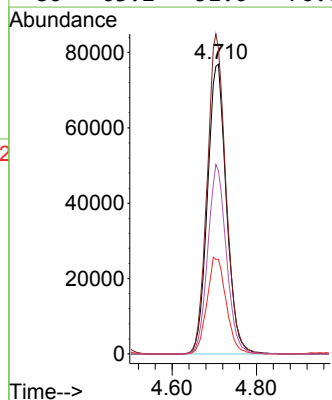
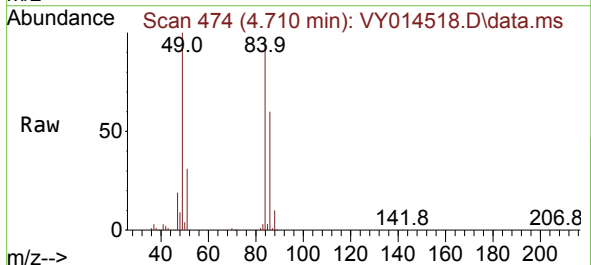
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY063023

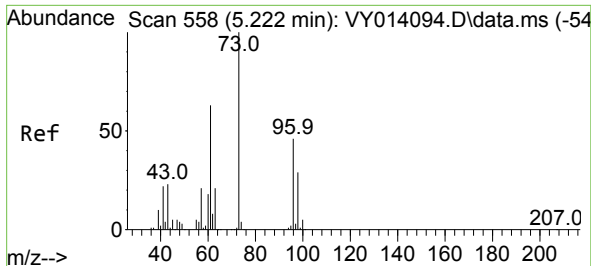
Tgt Ion: 73 Resp: 539839
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 51.982 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

Tgt Ion: 84 Resp: 240137
Ion Ratio Lower Upper
84 100
49 105.4 106.9 160.3#
51 32.7 33.2 49.8#
86 63.2 51.0 76.6

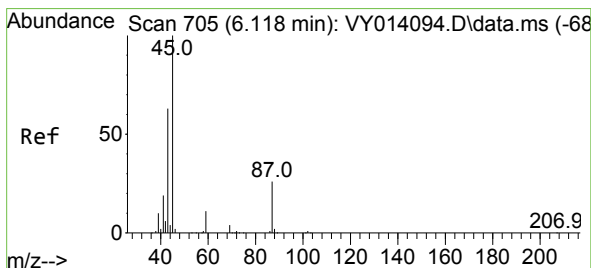
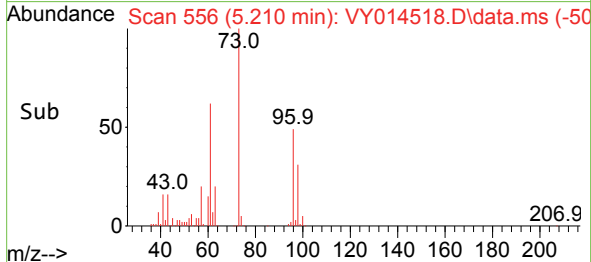
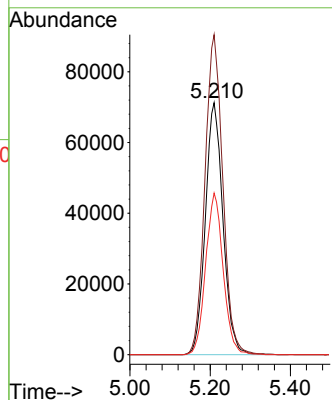
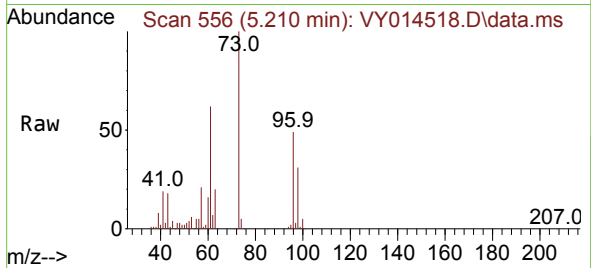




#21
trans-1,2-Dichloroethene
Concen: 49.604 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

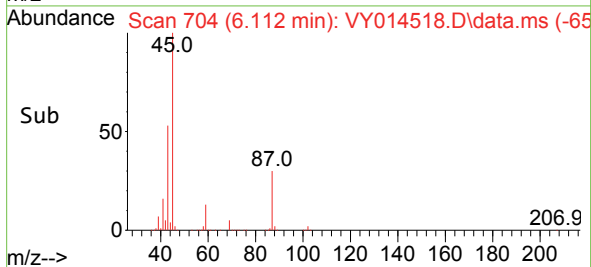
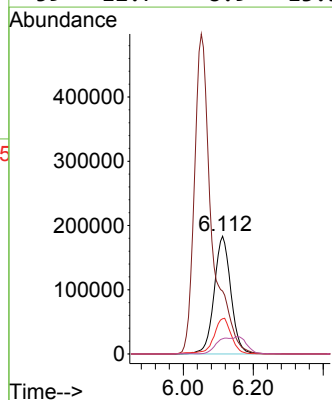
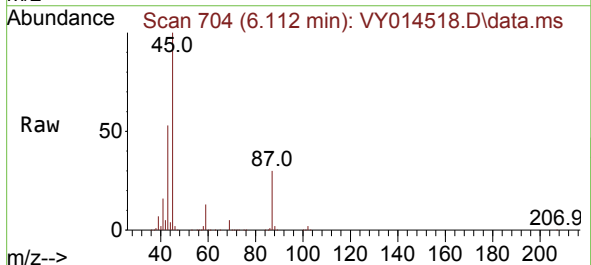
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY063023

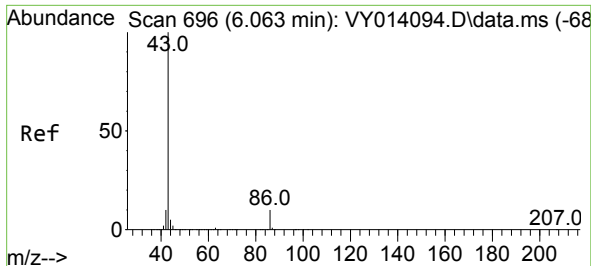
Tgt Ion: 96 Resp: 217758
Ion Ratio Lower Upper
96 100
61 127.0 110.2 165.4
98 64.1 51.8 77.6



#22
Diisopropyl ether
Concen: 50.503 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

Tgt Ion: 45 Resp: 608308
Ion Ratio Lower Upper
45 100
43 53.3 52.2 78.4
87 29.8 21.0 31.6
59 12.7 8.9 13.3

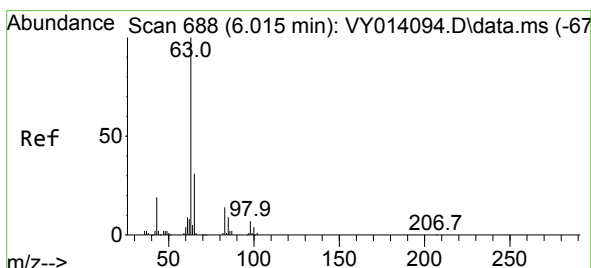
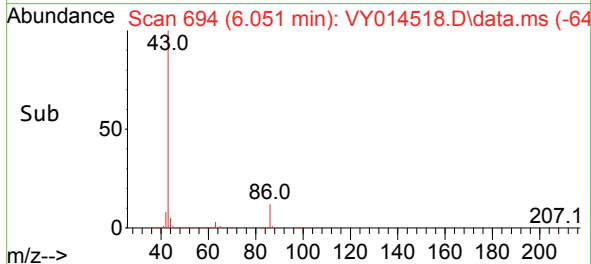
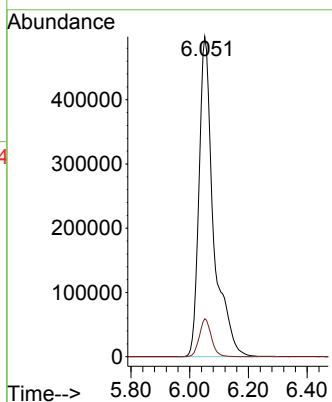
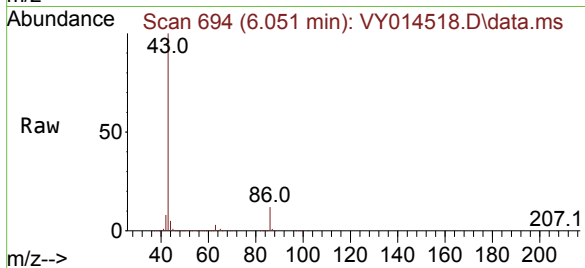




#23
 Vinyl Acetate
 Concen: 245.385 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY014518.D
 Acq: 30 Jun 2023 15:48

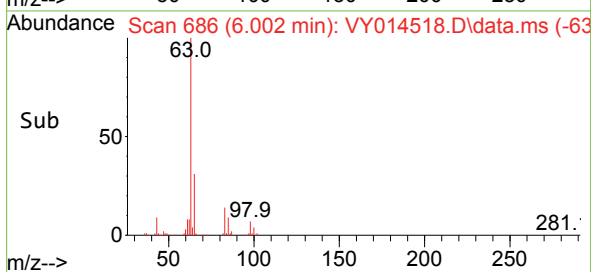
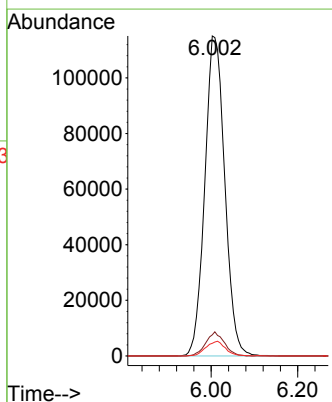
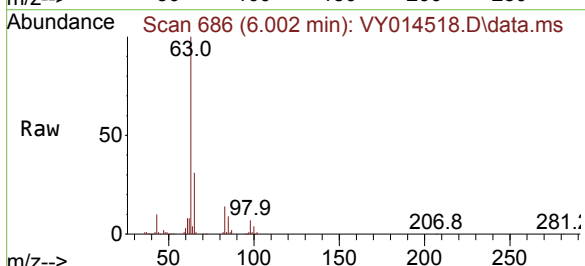
Instrument :
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 ClientSampleId :
 ICVVY063023

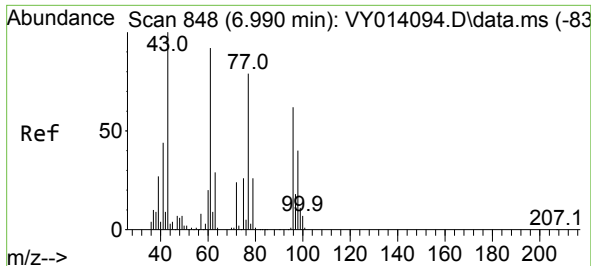
Tgt Ion: 43 Resp: 1710020
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 48.748 ug/l
 RT: 6.002 min Scan# 686
 Delta R.T. -0.013 min
 Lab File: VY014518.D
 Acq: 30 Jun 2023 15:48

Tgt Ion: 63 Resp: 368608
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.4
 100 4.0 1.8 5.5





#25

2-Butanone

Concen: 220.622 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

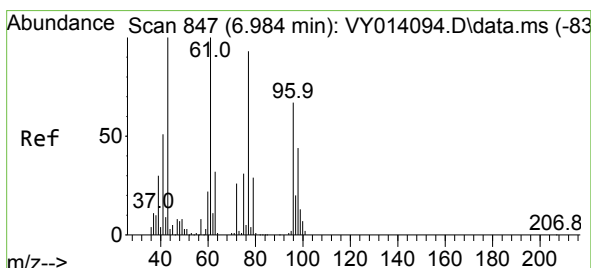
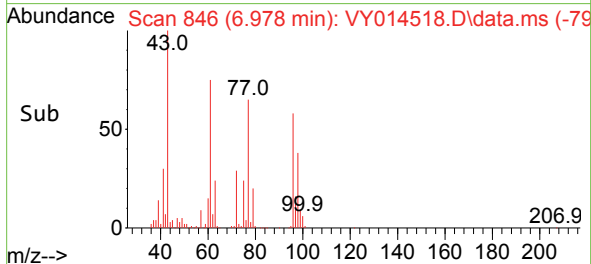
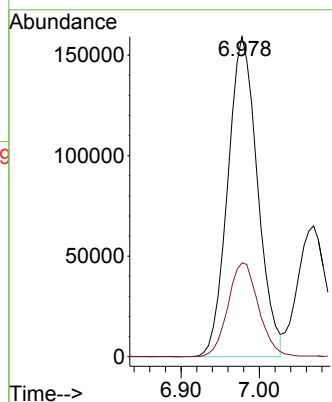
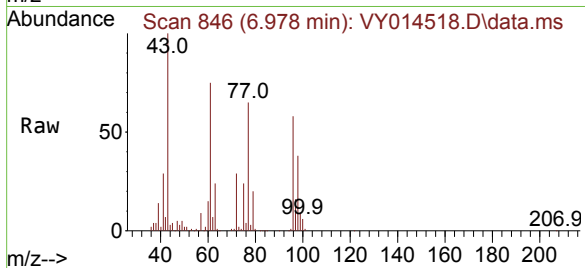
ICVY063023

Tgt Ion: 43 Resp: 419622

Ion Ratio Lower Upper

43 100

72 29.3 20.5 30.7



#26

2,2-Dichloropropane

Concen: 49.729 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY014518.D

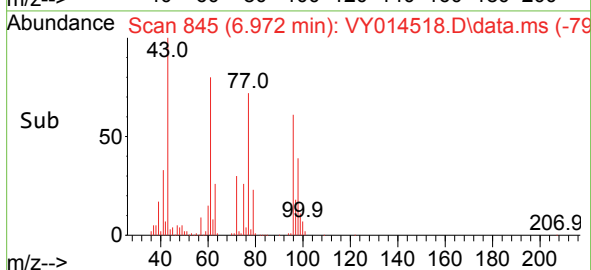
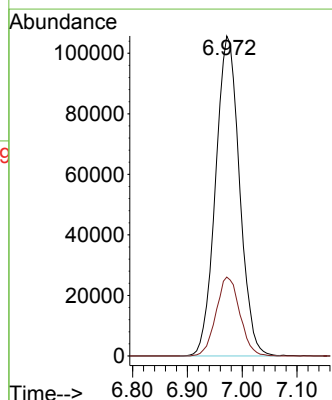
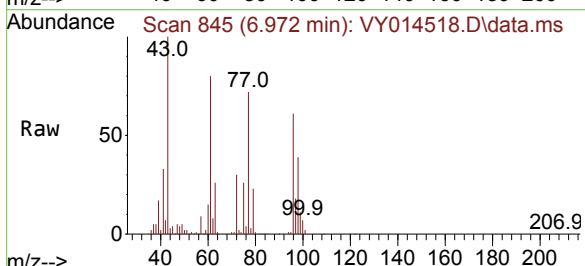
Acq: 30 Jun 2023 15:48

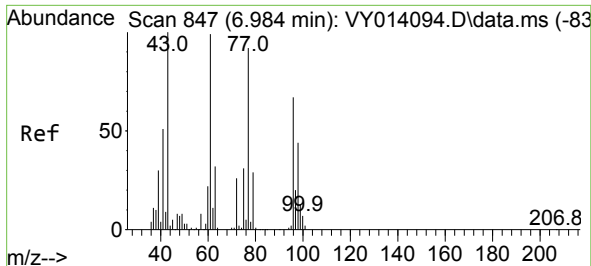
Tgt Ion: 77 Resp: 320509

Ion Ratio Lower Upper

77 100

97 24.5 10.9 32.9

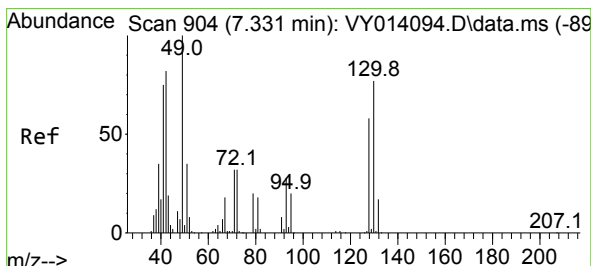
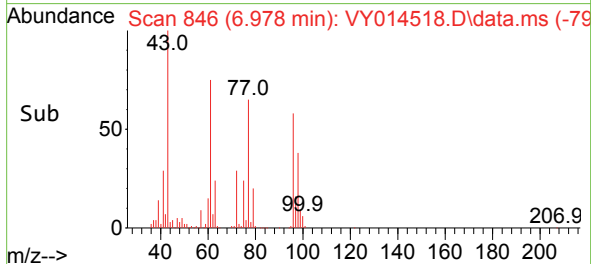
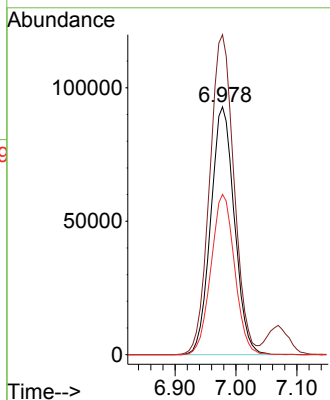
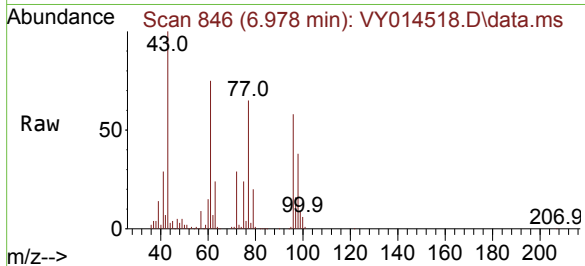




#27
 cis-1,2-Dichloroethene
 Concen: 50.427 ug/l
 RT: 6.978 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: VY014518.D
 Acq: 30 Jun 2023 15:48

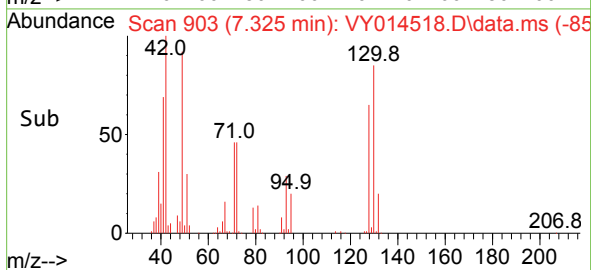
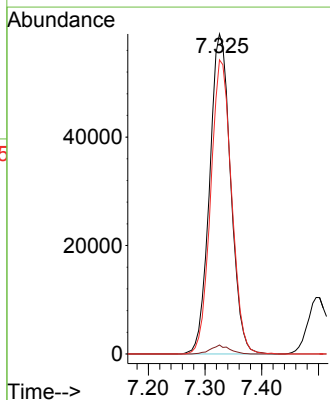
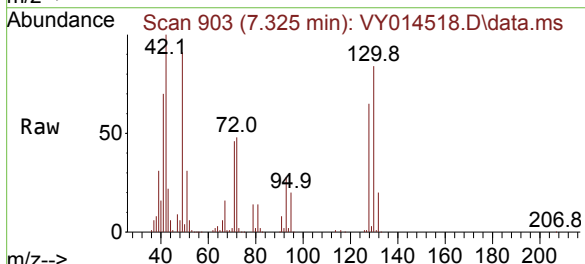
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY063023

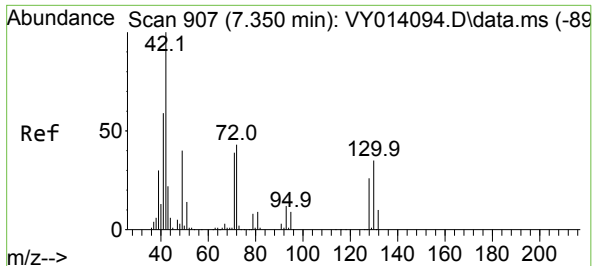
Tgt Ion: 96 Resp: 251114
 Ion Ratio Lower Upper
 96 100
 61 133.0 0.0 301.4
 98 64.6 0.0 130.4



#28
 Bromochloromethane
 Concen: 47.932 ug/l
 RT: 7.325 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY014518.D
 Acq: 30 Jun 2023 15:48

Tgt Ion: 49 Resp: 152190
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 91.1 60.7 91.1#





#29

Tetrahydrofuran

Concen: 214.461 ug/l

RT: 7.337 min Scan# 905

Delta R.T. -0.013 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVY063023

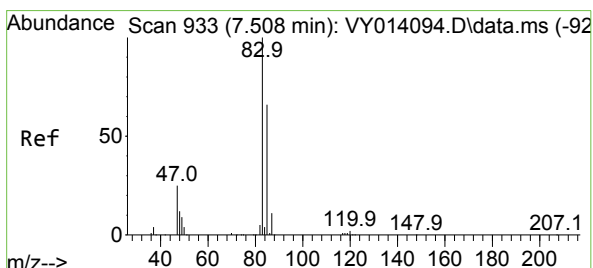
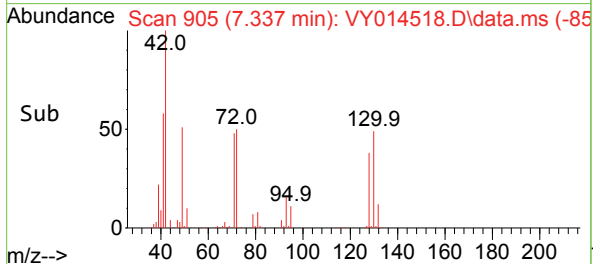
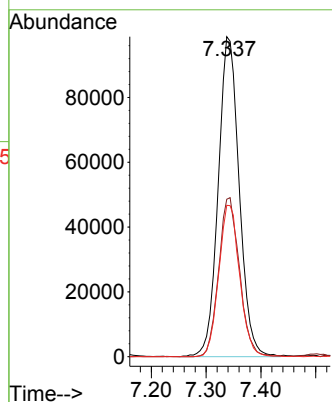
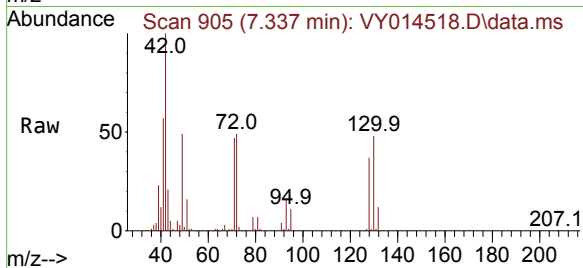
Tgt Ion: 42 Resp: 263106

Ion Ratio Lower Upper

42 100

72 49.3 32.8 49.2#

71 47.1 31.0 46.4#



#30

Chloroform

Concen: 49.169 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.012 min

Lab File: VY014518.D

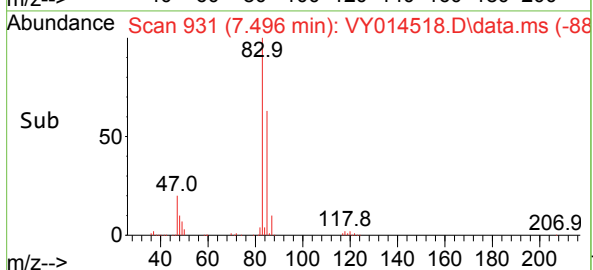
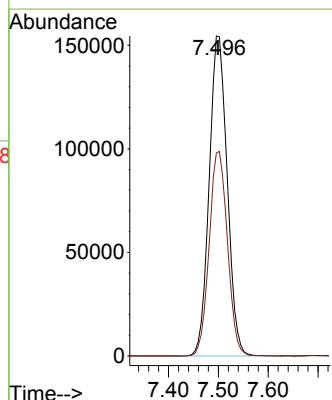
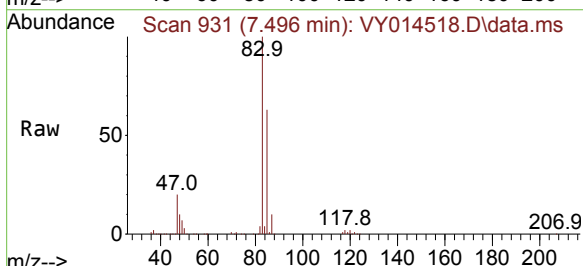
Acq: 30 Jun 2023 15:48

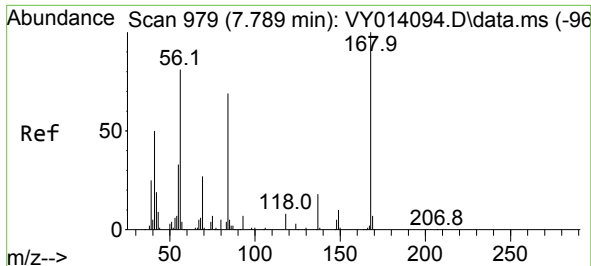
Tgt Ion: 83 Resp: 387834

Ion Ratio Lower Upper

83 100

85 63.5 49.7 74.5

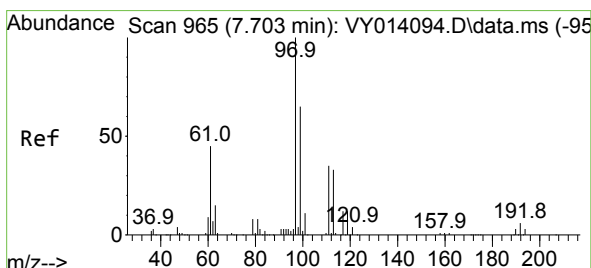
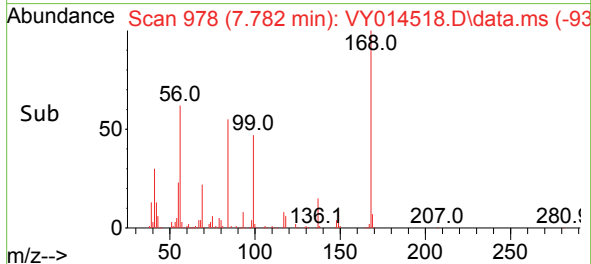
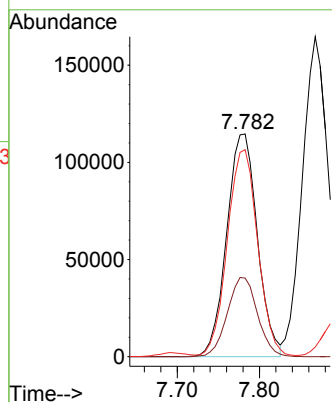
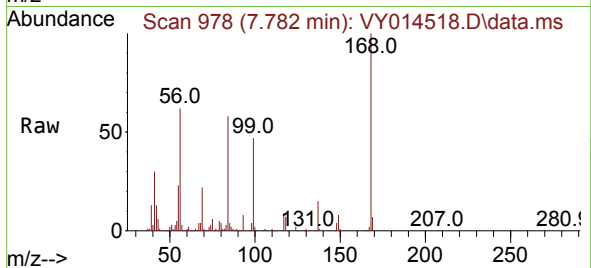




#31
Cyclohexane
Concen: 46.045 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

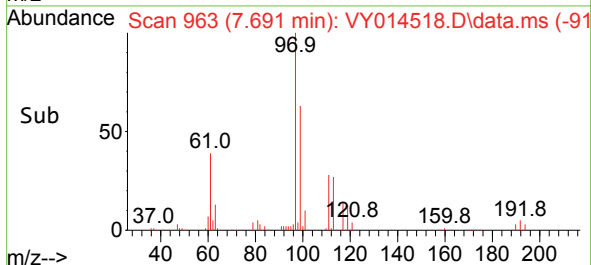
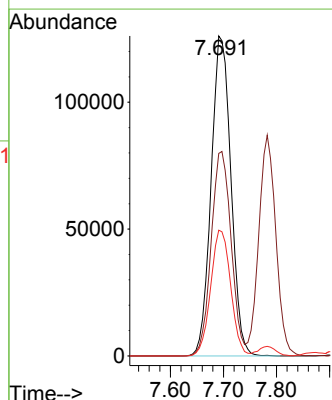
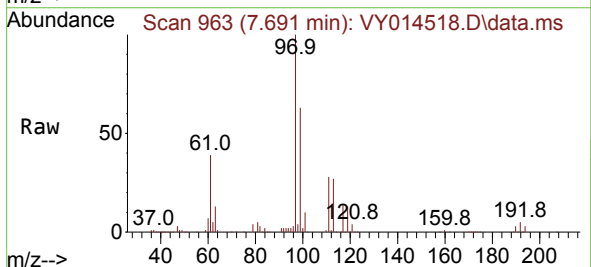
Instrument :
MSVOA_Y
ClientSampleId :
ICVY063023

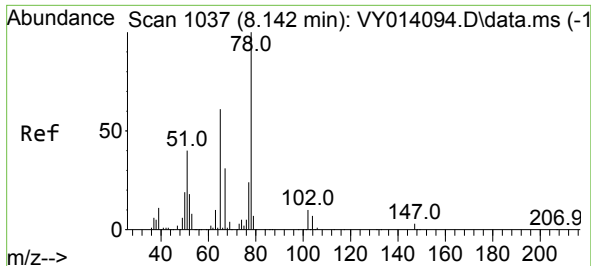
Tgt Ion: 56 Resp: 297138
Ion Ratio Lower Upper
56 100
69 35.3 27.8 41.6
84 91.5 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 48.504 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.012 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

Tgt Ion: 97 Resp: 327028
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 39.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.903 ug/l

RT: 8.136 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

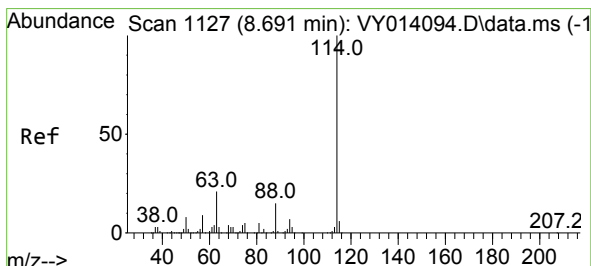
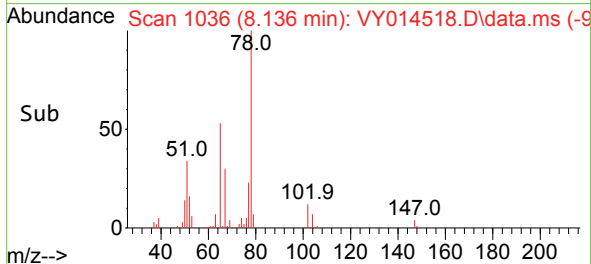
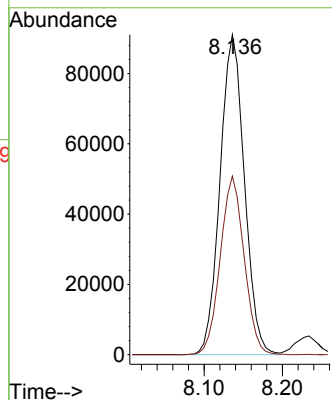
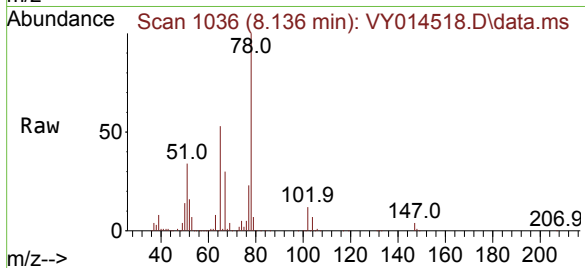
ICVVY063023

Tgt Ion: 65 Resp: 197039

Ion Ratio Lower Upper

65 100

67 54.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

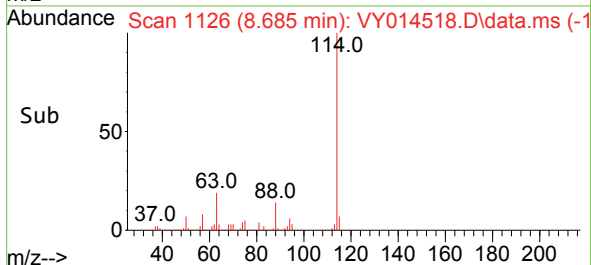
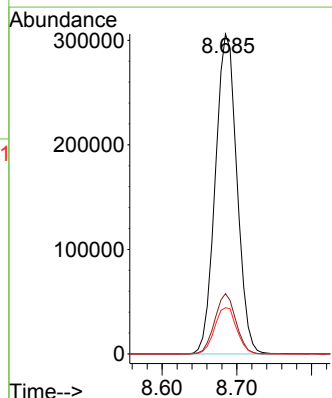
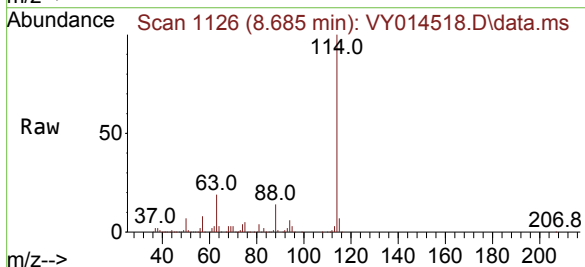
Tgt Ion: 114 Resp: 613545

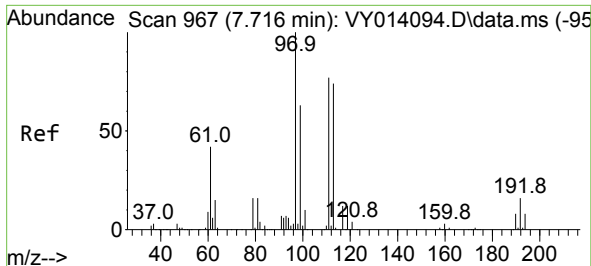
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 14.5 0.0 30.6

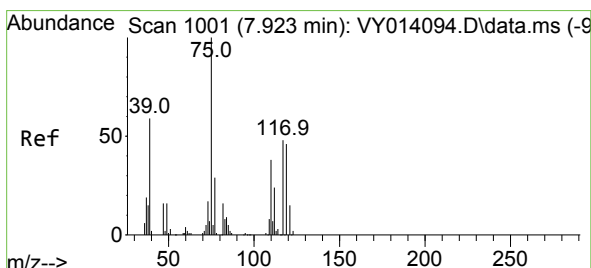
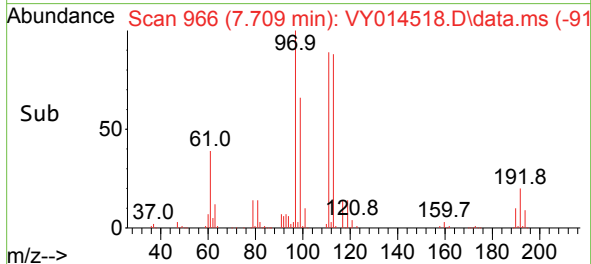
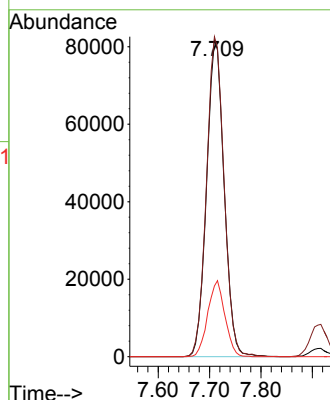
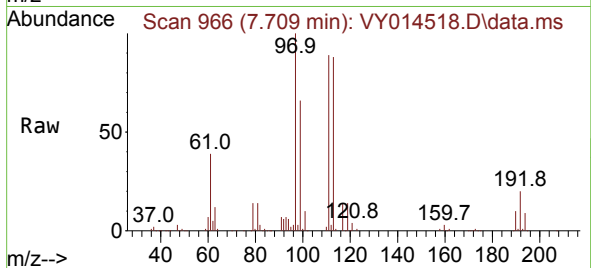




#35
Dibromofluoromethane
Concen: 51.110 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.007 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

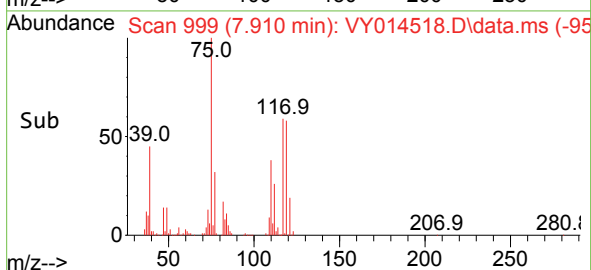
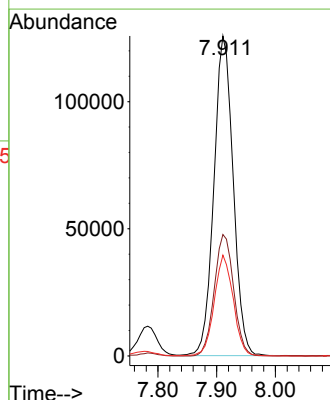
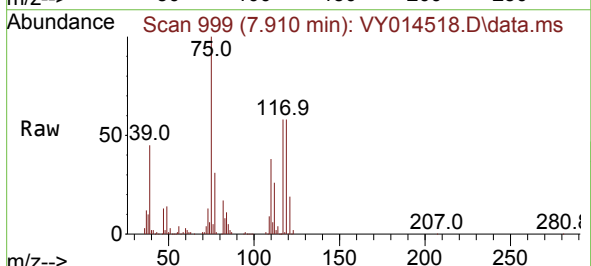
Instrument :
MSVOA_Y
ClientSampleId :
ICVY063023

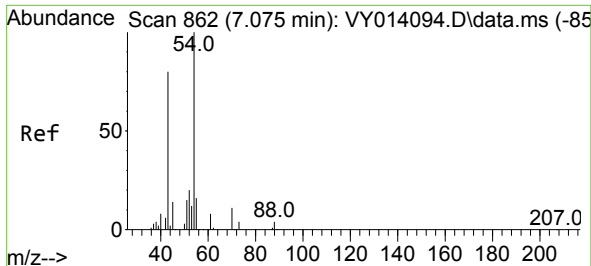
Tgt Ion:113 Resp: 193108
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 23.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 49.552 ug/l
RT: 7.910 min Scan# 999
Delta R.T. -0.013 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

Tgt Ion: 75 Resp: 286709
Ion Ratio Lower Upper
75 100
110 38.2 17.8 53.5
77 31.1 24.4 36.6

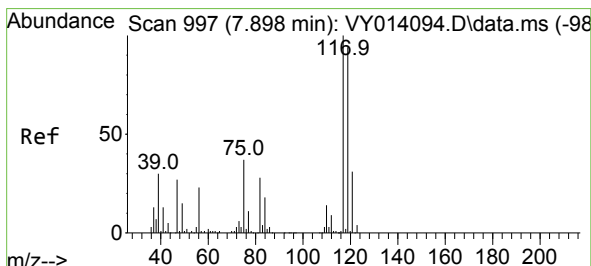
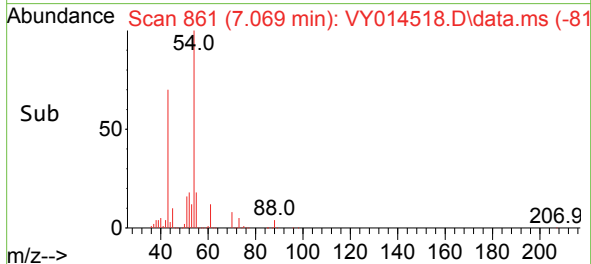
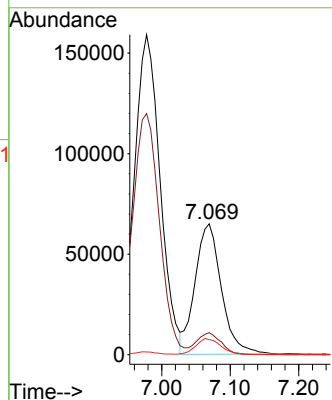
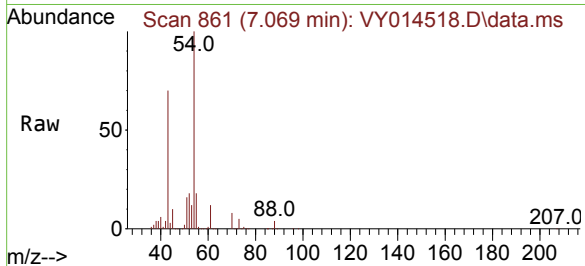




#37
Ethyl Acetate
Concen: 43.850 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

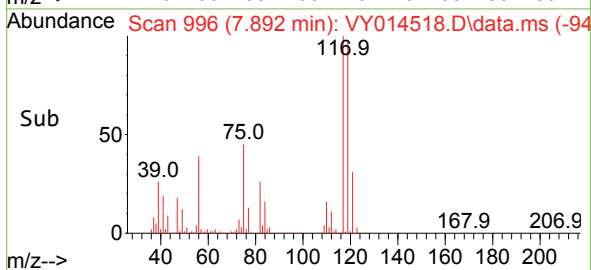
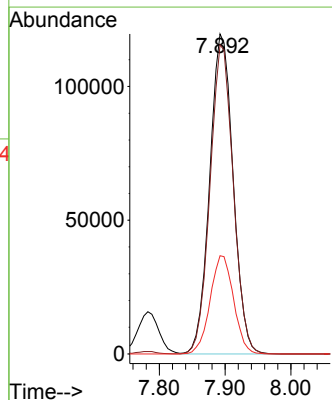
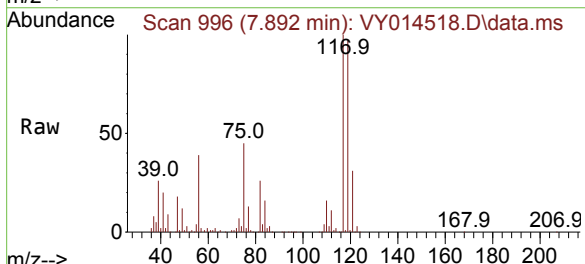
Instrument :
MSVOA_Y
ClientSampleId :
ICVY063023

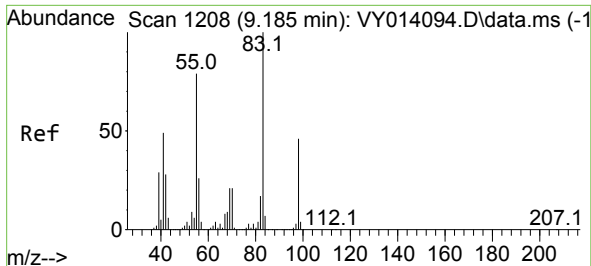
Tgt Ion: 43 Resp: 173999
Ion Ratio Lower Upper
43 100
61 15.6 10.1 15.1#
70 11.8 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 49.135 ug/l
RT: 7.892 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

Tgt Ion: 117 Resp: 296779
Ion Ratio Lower Upper
117 100
119 96.6 76.4 114.6
121 30.7 25.8 38.6





#39

Methylcyclohexane

Concen: 49.654 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVY063023

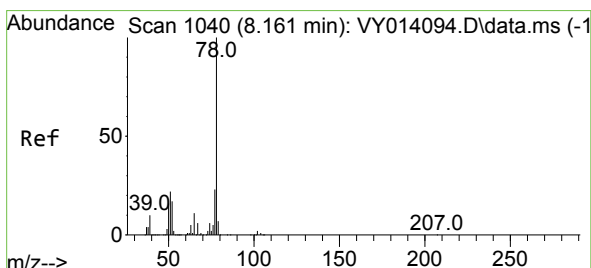
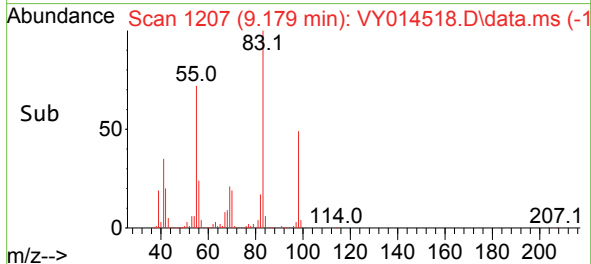
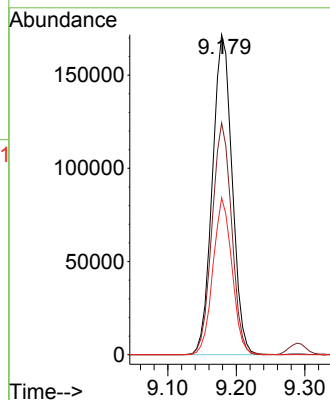
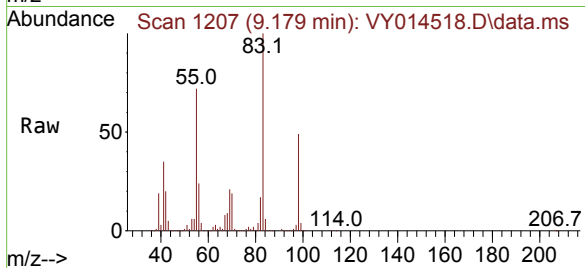
Tgt Ion: 83 Resp: 343404

Ion Ratio Lower Upper

83 100

55 72.4 63.0 94.4

98 49.0 37.4 56.2



#40

Benzene

Concen: 49.718 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.007 min

Lab File: VY014518.D

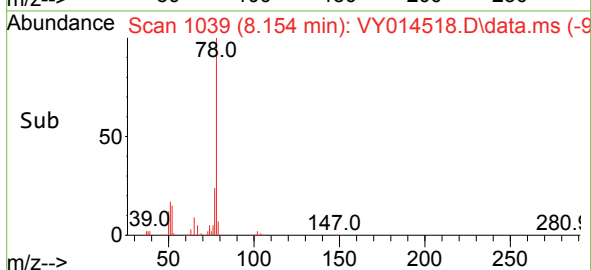
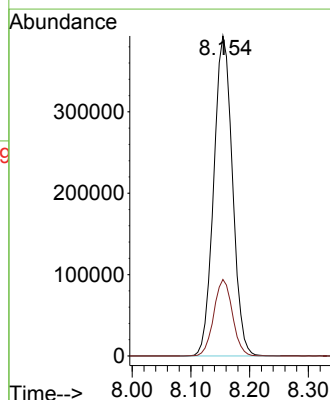
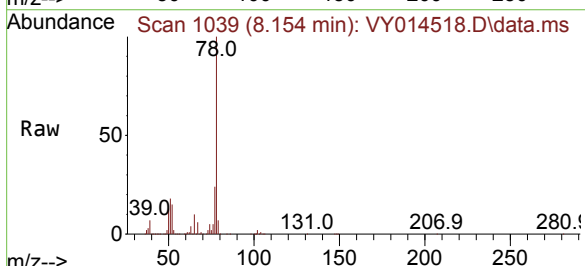
Acq: 30 Jun 2023 15:48

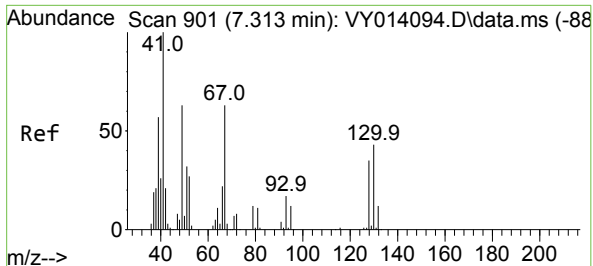
Tgt Ion: 78 Resp: 870781

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

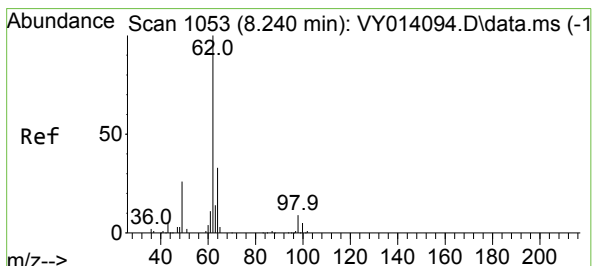
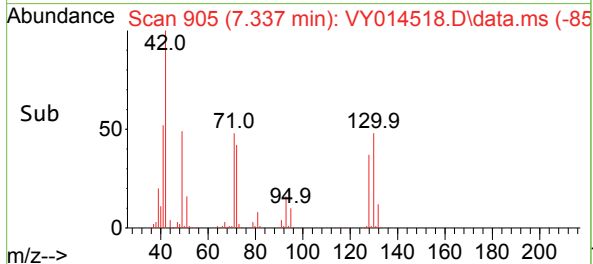
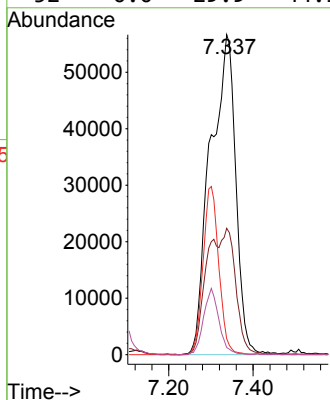
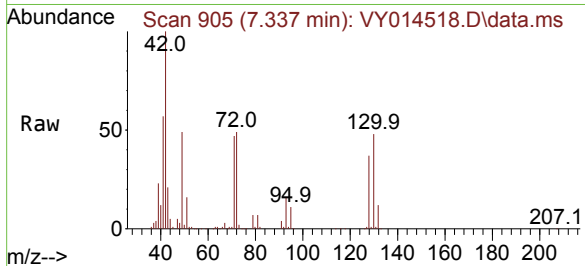




#41
Methacrylonitrile
Concen: 121.684 ug/l
RT: 7.337 min Scan# 901
Delta R.T. 0.024 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

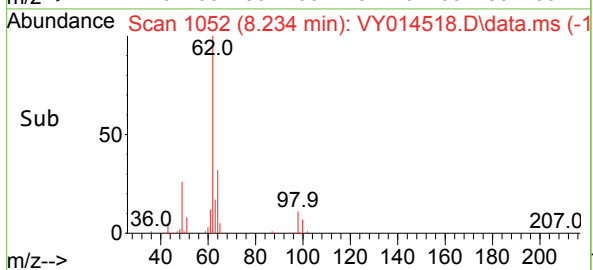
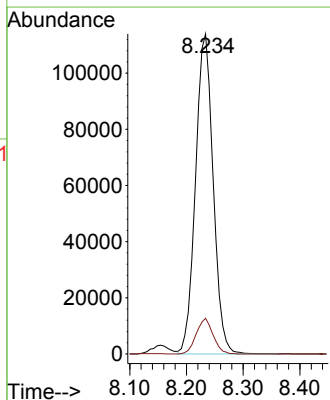
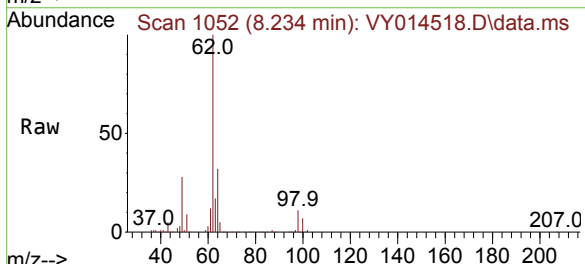
Instrument :
MSVOA_Y
ClientSampleId :
ICVY063023

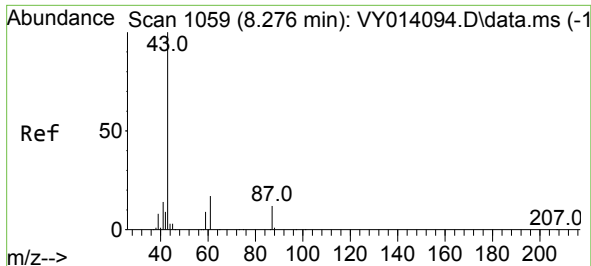
Tgt Ion: 41 Resp: 235888
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 47.837 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

Tgt Ion: 62 Resp: 246263
Ion Ratio Lower Upper
62 100
98 10.6 0.0 15.8

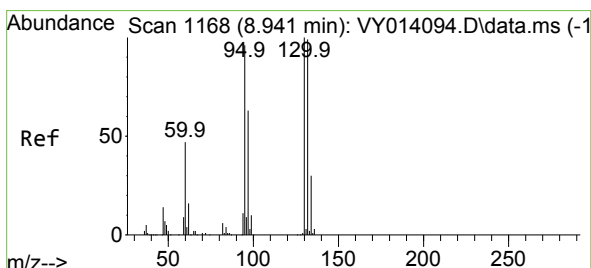
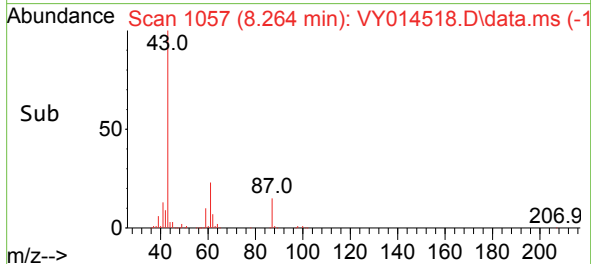
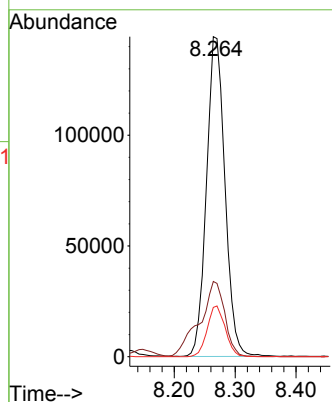
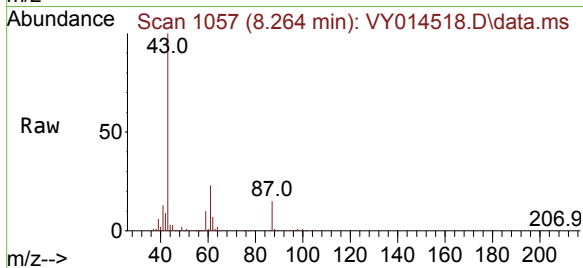




#43
Isopropyl Acetate
Concen: 45.360 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.012 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

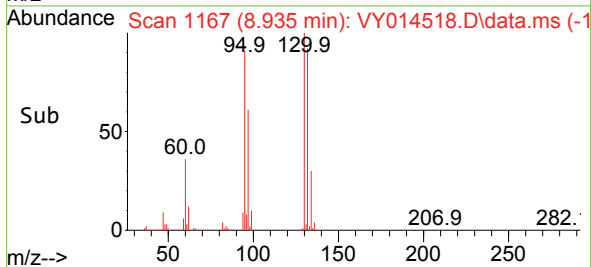
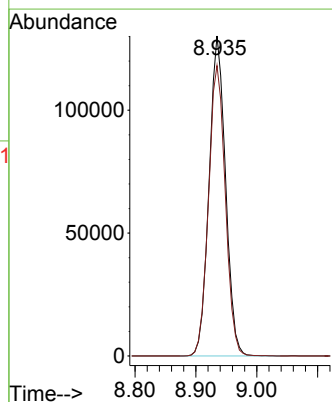
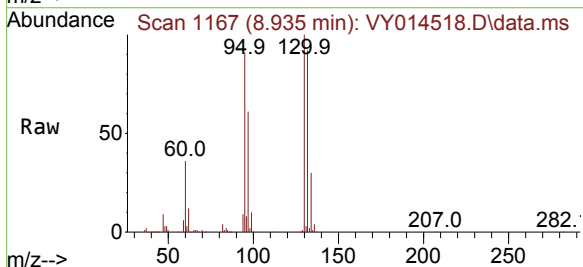
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY063023

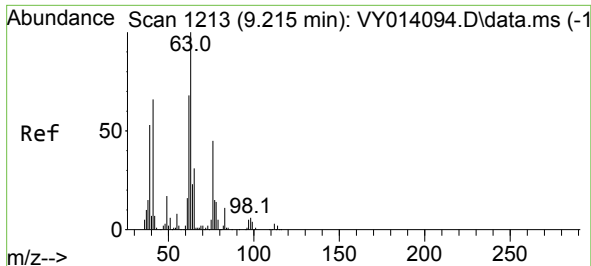
Tgt Ion: 43 Resp: 305021
Ion Ratio Lower Upper
43 100
61 32.0 21.1 31.7#
87 15.5 9.8 14.8#



#44
Trichloroethene
Concen: 50.102 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

Tgt Ion:130 Resp: 244641
Ion Ratio Lower Upper
130 100
95 90.7 0.0 196.0





#45

1,2-Dichloropropane

Concen: 49.277 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

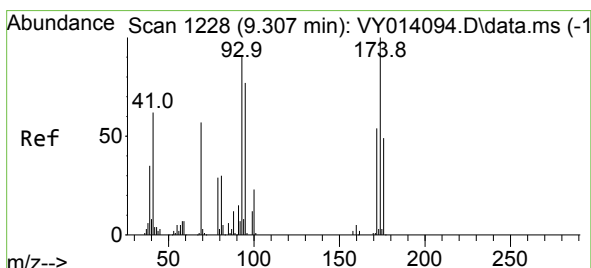
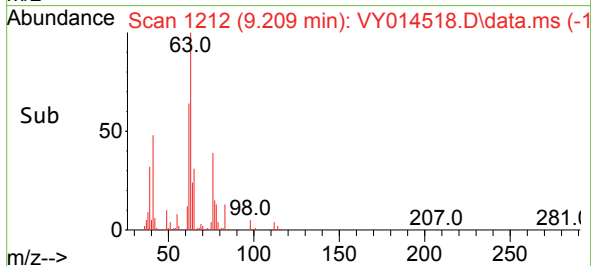
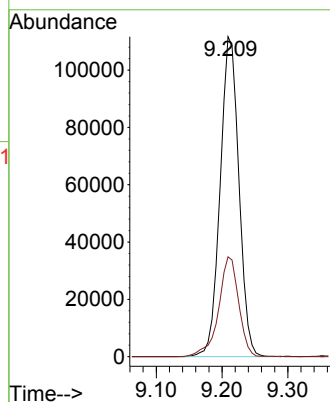
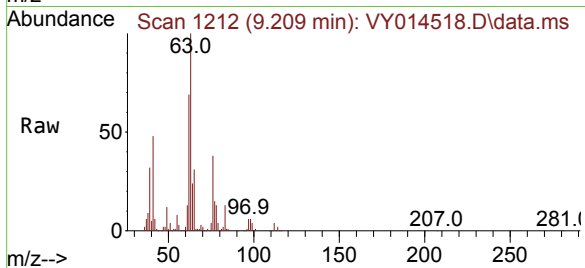
ICVY063023

Tgt Ion: 63 Resp: 221405

Ion Ratio Lower Upper

63 100

65 31.1 23.8 35.6



#46

Dibromomethane

Concen: 47.513 ug/l

RT: 9.300 min Scan# 1227

Delta R.T. -0.007 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

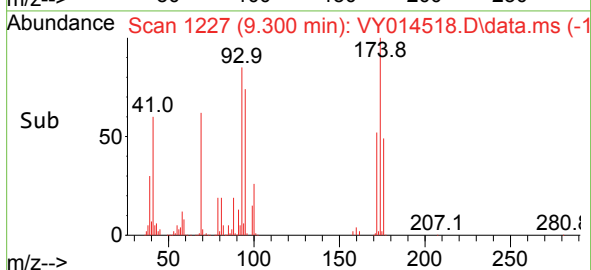
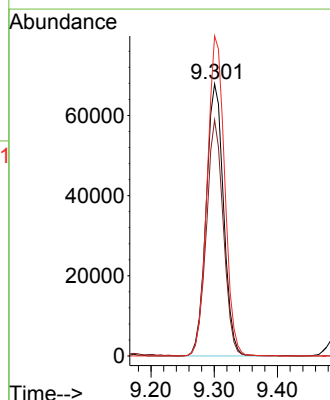
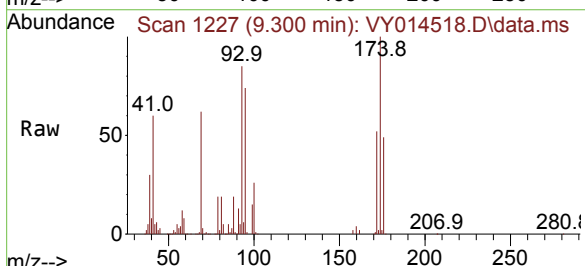
Tgt Ion: 93 Resp: 129965

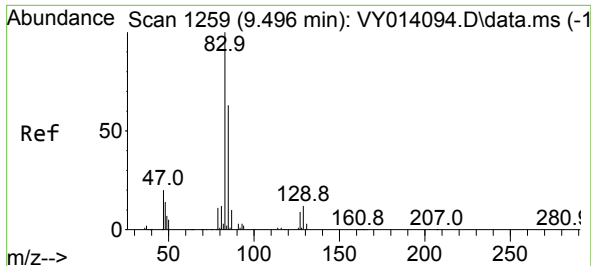
Ion Ratio Lower Upper

93 100

95 84.4 66.6 100.0

174 117.8 84.8 127.2

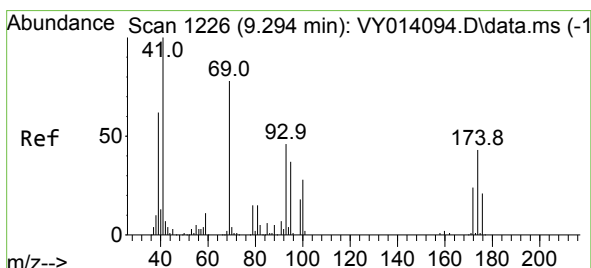
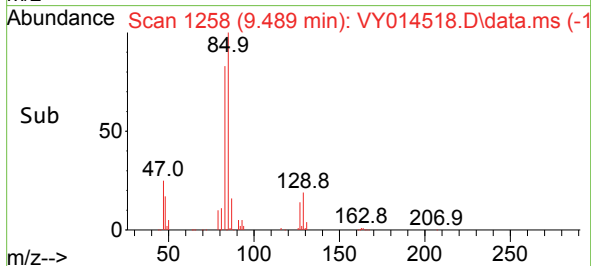
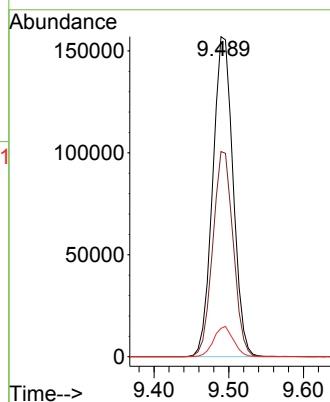
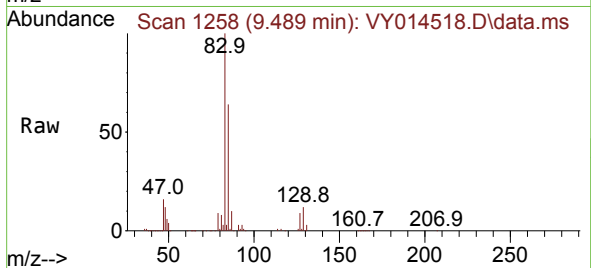




#47
Bromodichloromethane
Concen: 49.315 ug/l
RT: 9.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

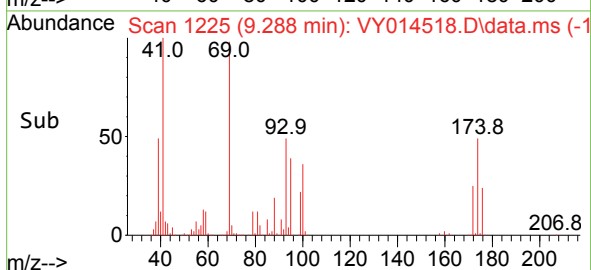
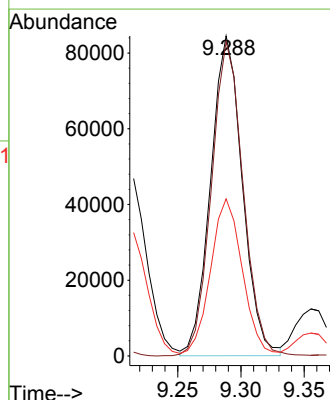
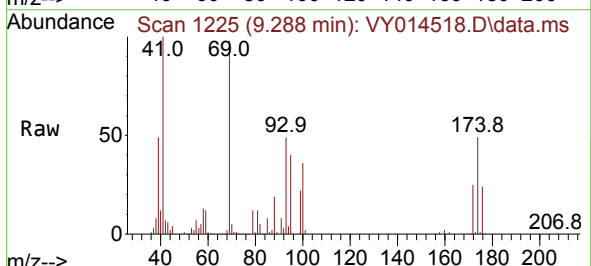
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY063023

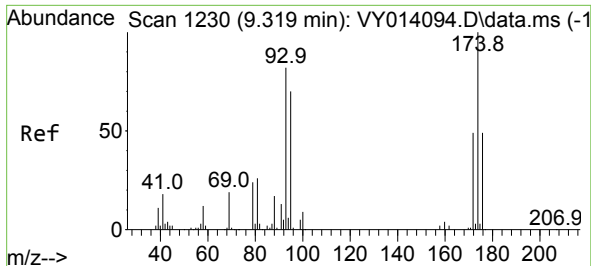
Tgt Ion: 83 Resp: 297218
Ion Ratio Lower Upper
83 100
85 64.1 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 48.257 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

Tgt Ion: 41 Resp: 147569
Ion Ratio Lower Upper
41 100
69 97.9 64.5 96.7#
39 47.7 50.8 76.2#

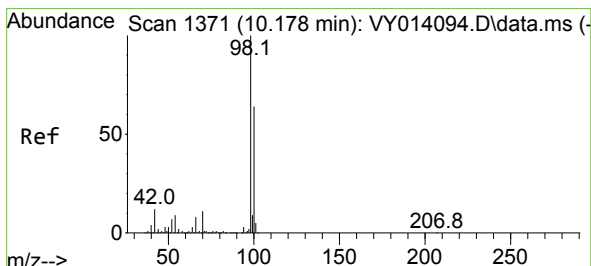
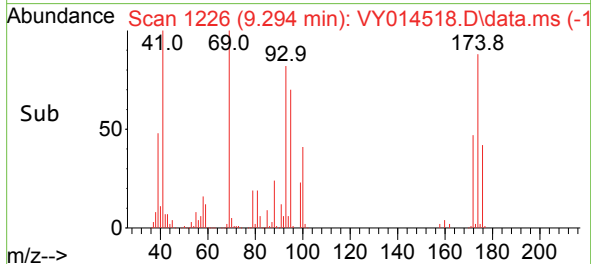
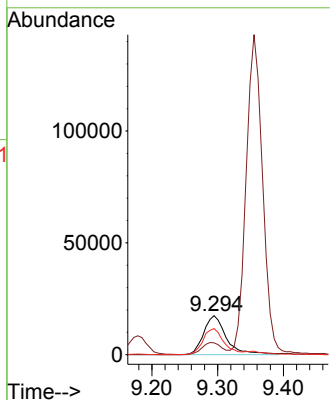
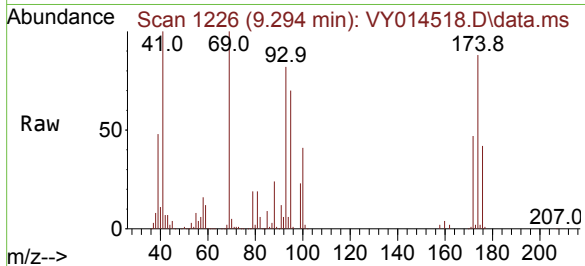




#49
1,4-Dioxane
Concen: 861.860 ug/l
RT: 9.294 min Scan# 11
Delta R.T. -0.025 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

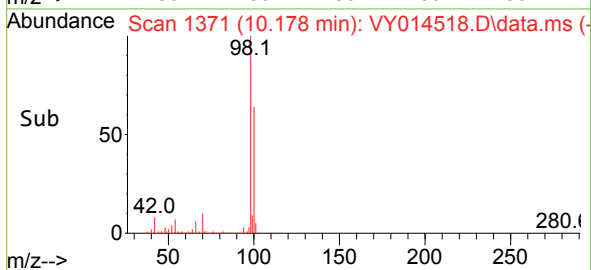
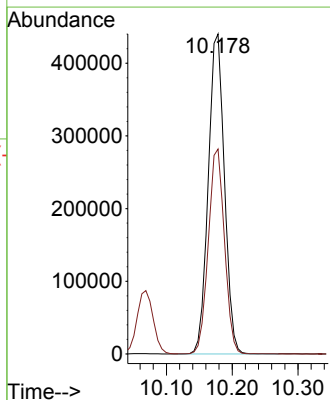
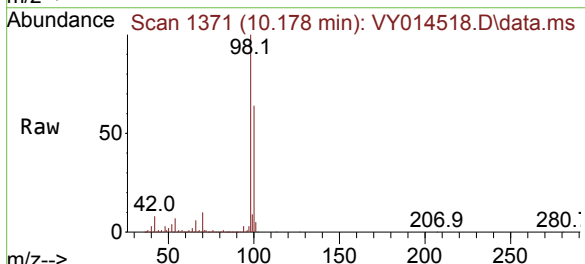
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY063023

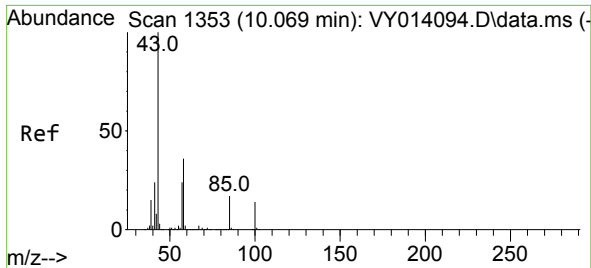
Tgt Ion: 88 Resp: 42097
Ion Ratio Lower Upper
88 100
43 27.4 0.0 0.0#
58 61.3 30.9 46.3#



#50
Toluene-d8
Concen: 50.405 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

Tgt Ion: 98 Resp: 752836
Ion Ratio Lower Upper
98 100
100 64.1 50.1 75.1

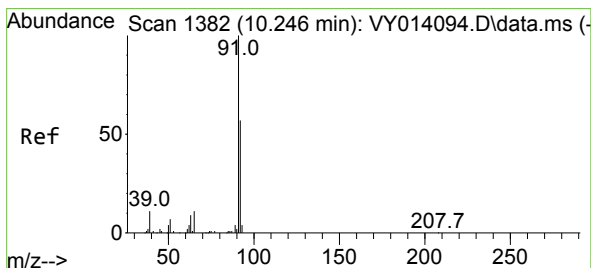
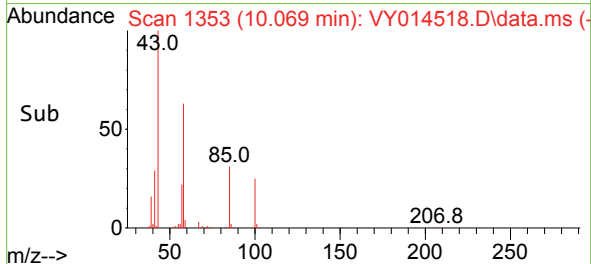
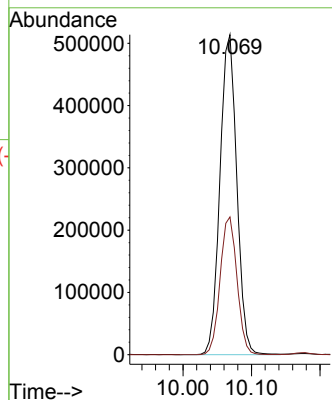
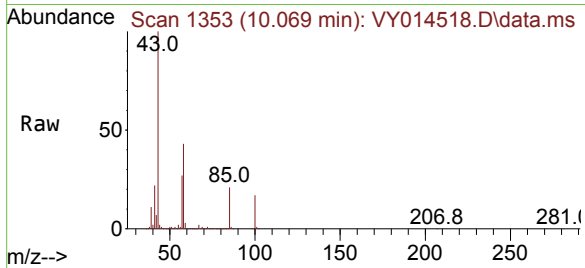




#51
4-Methyl-2-Pentanone
Concen: 219.223 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

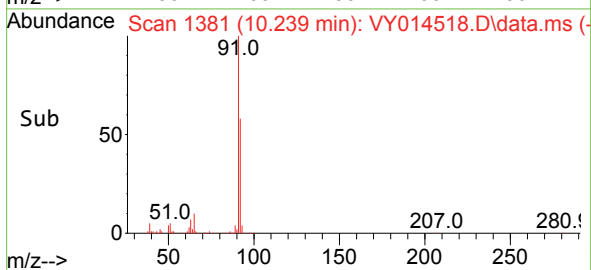
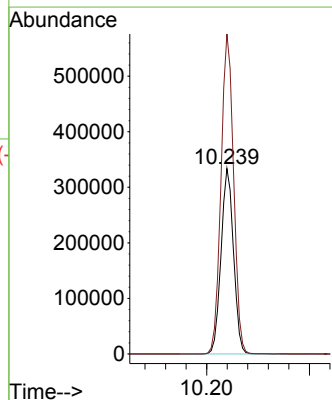
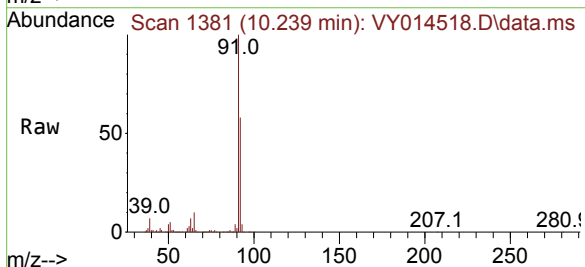
Instrument : MSVOA_Y
ClientSampleId : ICVVY063023

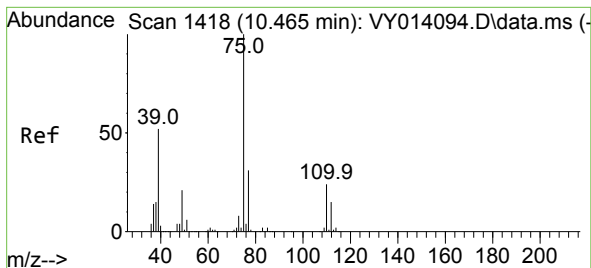
Tgt Ion: 43 Resp: 872748
Ion Ratio Lower Upper
43 100
58 43.2 29.0 43.6



#52
Toluene
Concen: 50.762 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.007 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

Tgt Ion: 92 Resp: 559487
Ion Ratio Lower Upper
92 100
91 174.8 143.8 215.6

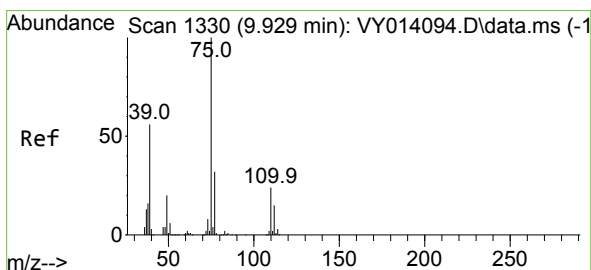
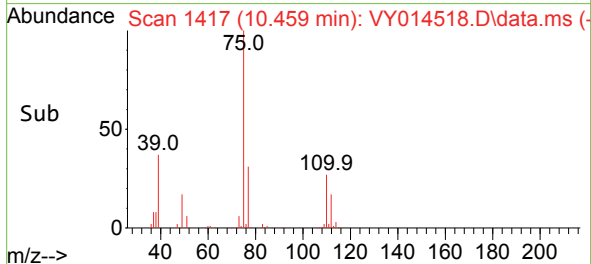
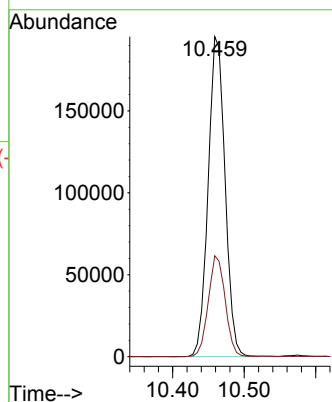
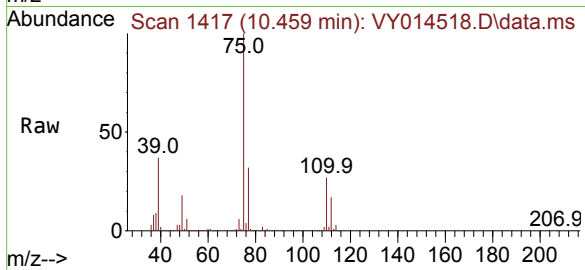




#53
t-1,3-Dichloropropene
Concen: 49.811 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

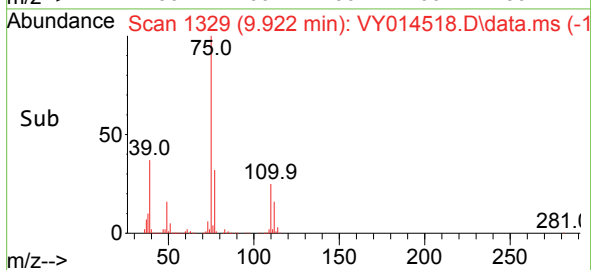
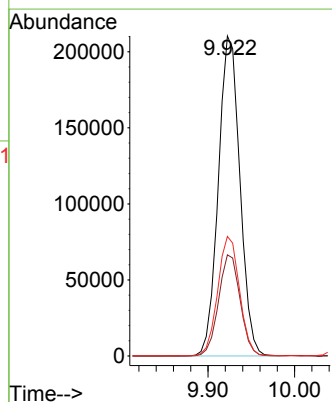
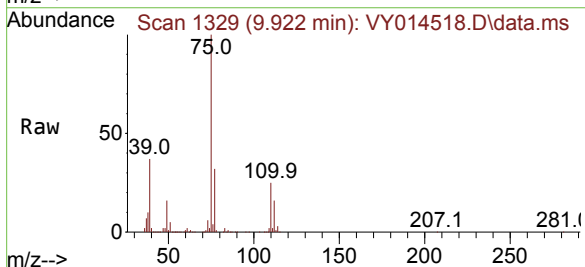
Instrument : MSVOA_Y
ClientSampleId : ICVVY063023

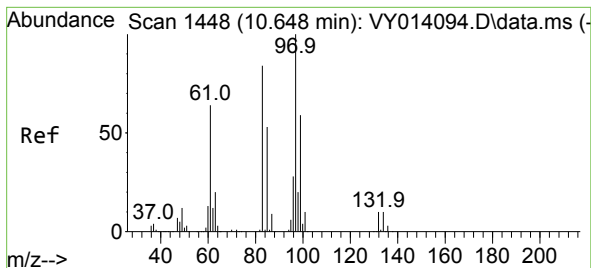
Tgt Ion: 75 Resp: 321028
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 50.623 ug/l
RT: 9.922 min Scan# 1329
Delta R.T. -0.007 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

Tgt Ion: 75 Resp: 364025
Ion Ratio Lower Upper
75 100
77 31.6 24.2 36.4
39 37.3 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 47.895 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVY063023

Tgt Ion: 97 Resp: 190628

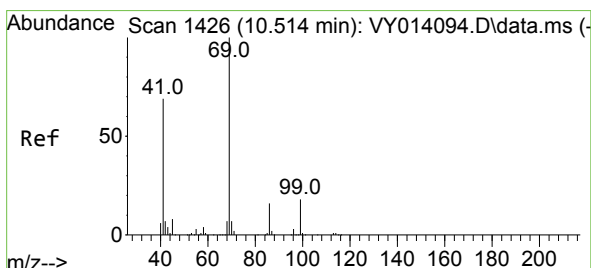
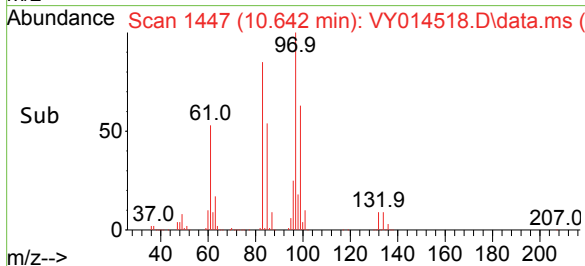
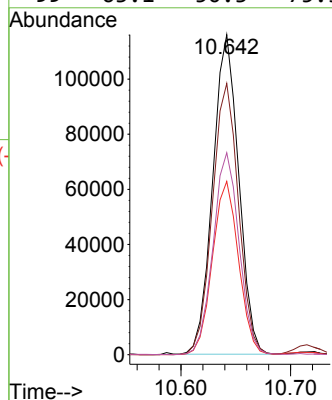
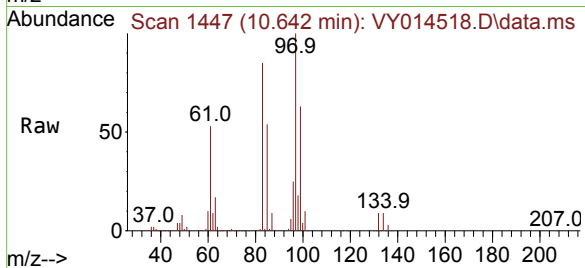
Ion Ratio Lower Upper

97 100

83 84.8 72.0 108.0

85 54.2 45.4 68.0

99 63.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 48.453 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

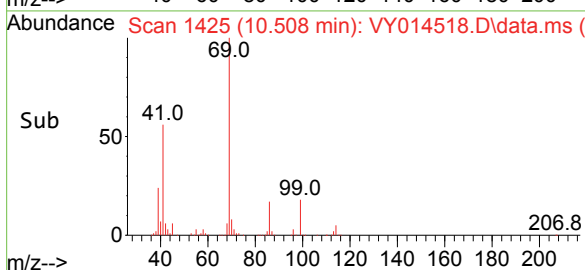
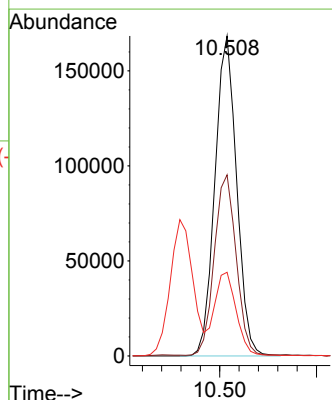
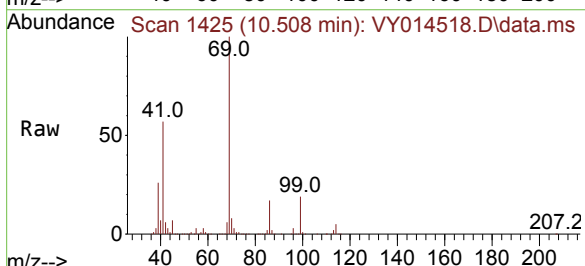
Tgt Ion: 69 Resp: 262335

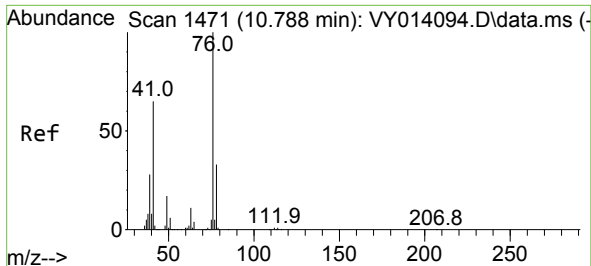
Ion Ratio Lower Upper

69 100

41 57.5 57.6 86.4#

39 26.6 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 48.252 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

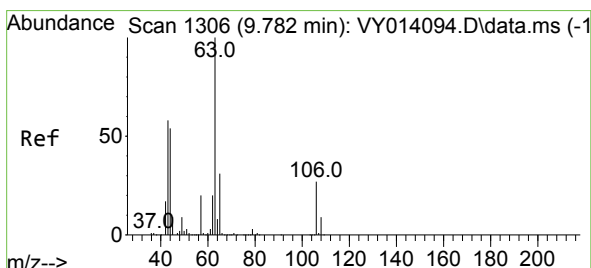
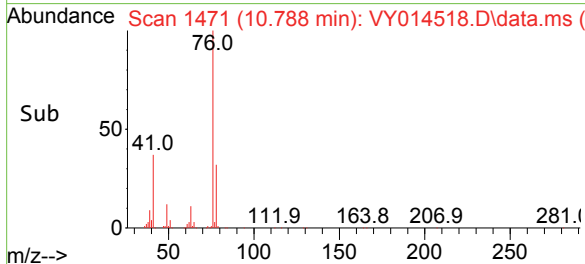
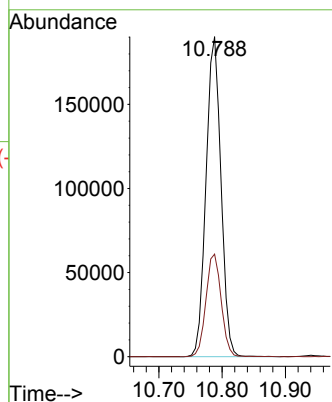
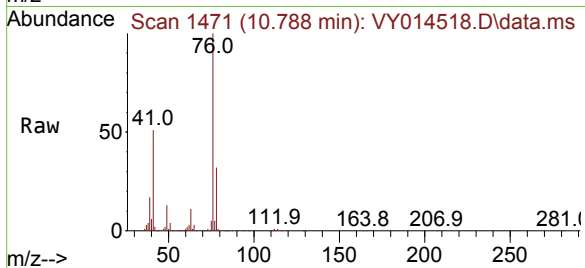
ICVY063023

Tgt Ion: 76 Resp: 312921

Ion Ratio Lower Upper

76 100

78 32.7 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 241.765 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014518.D

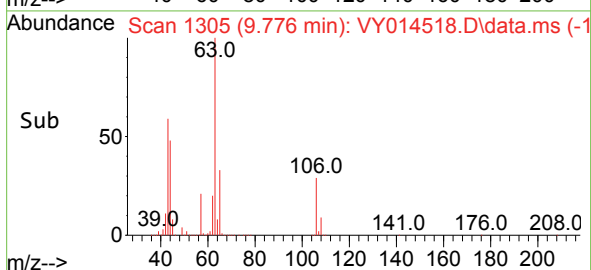
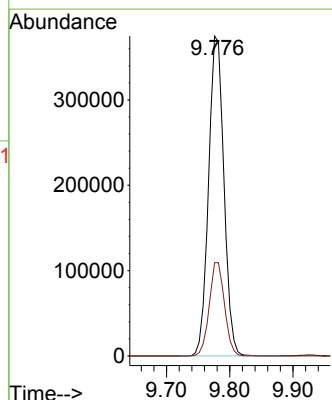
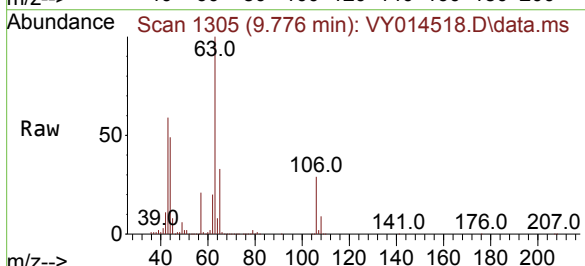
Acq: 30 Jun 2023 15:48

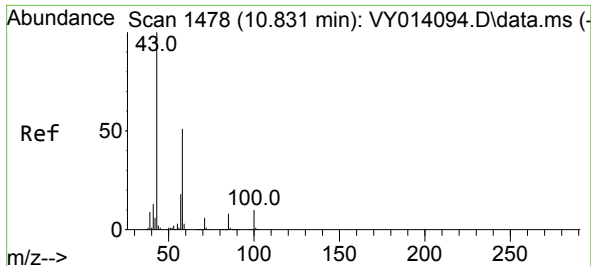
Tgt Ion: 63 Resp: 634133

Ion Ratio Lower Upper

63 100

106 29.1 21.2 31.8





#59

2-Hexanone

Concen: 222.873 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

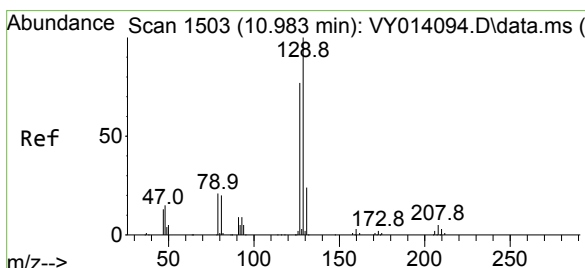
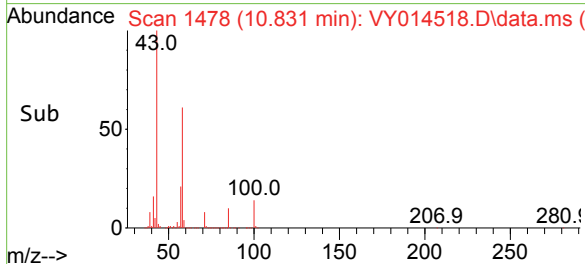
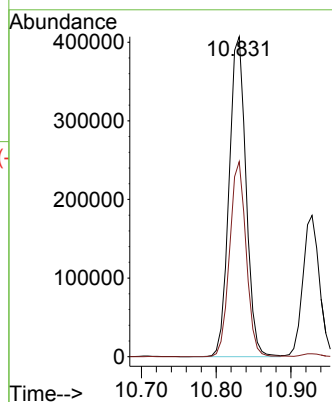
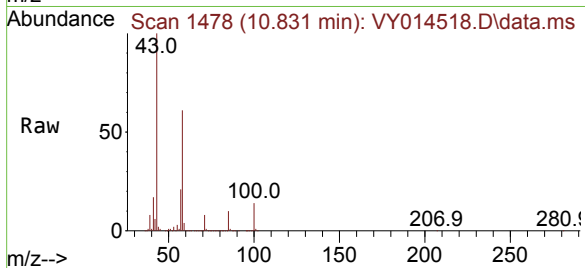
ICVY063023

Tgt Ion: 43 Resp: 640932

Ion Ratio Lower Upper

43 100

58 59.6 25.1 75.3



#60

Dibromochloromethane

Concen: 49.301 ug/l

RT: 10.977 min Scan# 1502

Delta R.T. -0.006 min

Lab File: VY014518.D

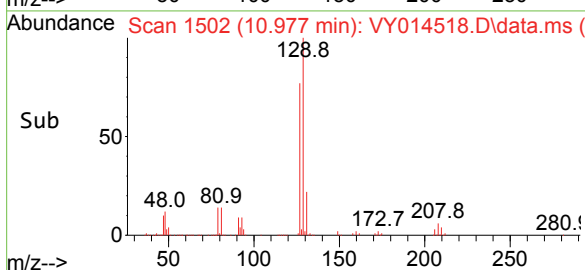
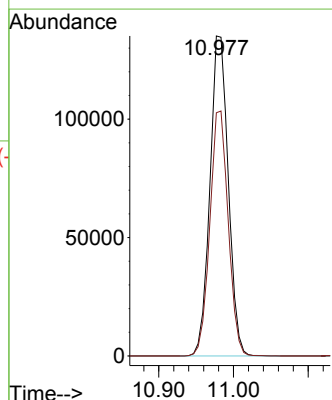
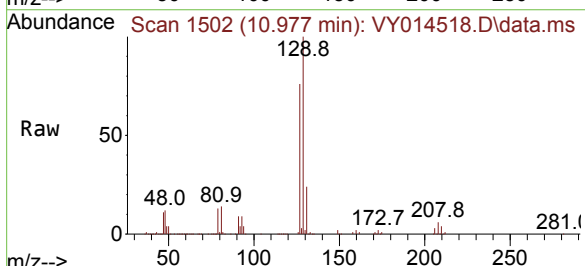
Acq: 30 Jun 2023 15:48

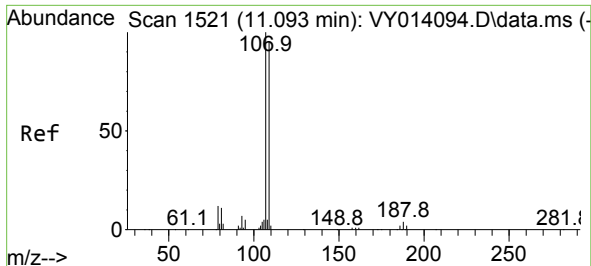
Tgt Ion: 129 Resp: 229929

Ion Ratio Lower Upper

129 100

127 76.7 38.5 115.5

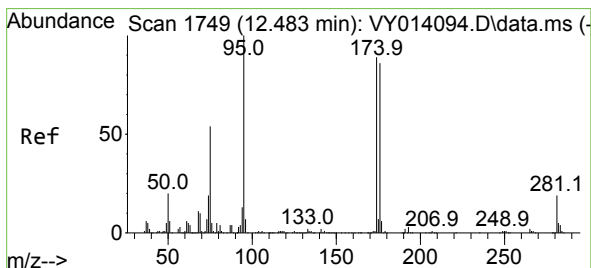
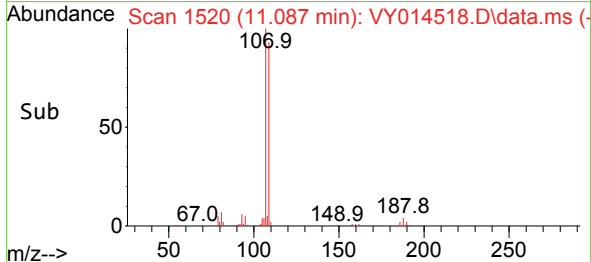
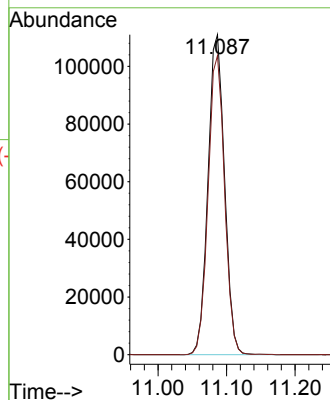
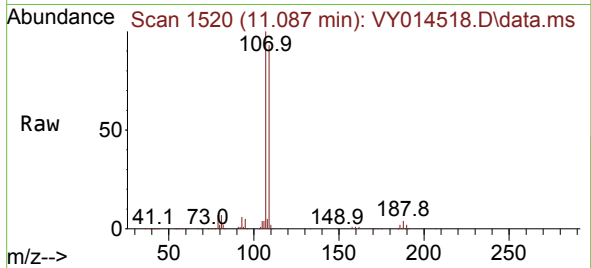




#61
1,2-Dibromoethane
Concen: 48.000 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

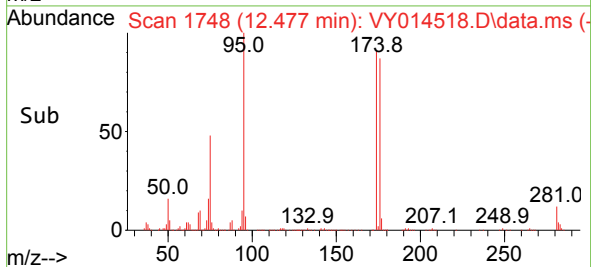
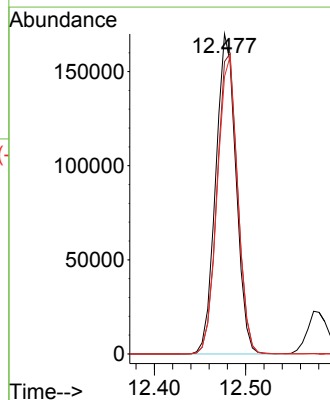
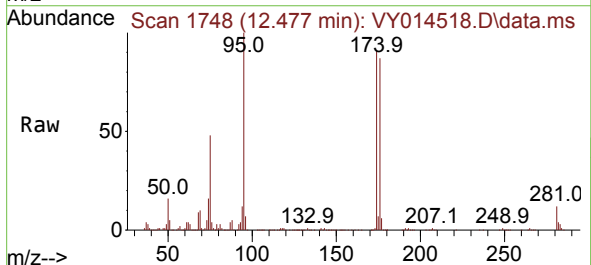
Instrument :
MSVOA_Y
ClientSampleId :
ICVY063023

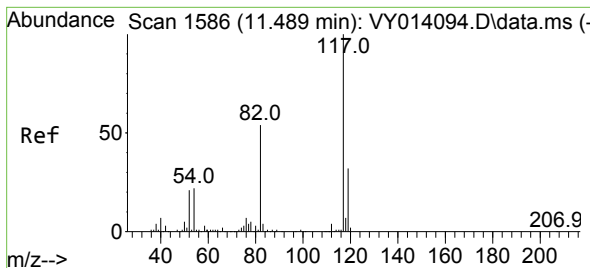
Tgt Ion:107 Resp: 186518
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.512 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

Tgt Ion: 95 Resp: 261974
Ion Ratio Lower Upper
95 100
174 95.4 0.0 178.2
176 93.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY063023

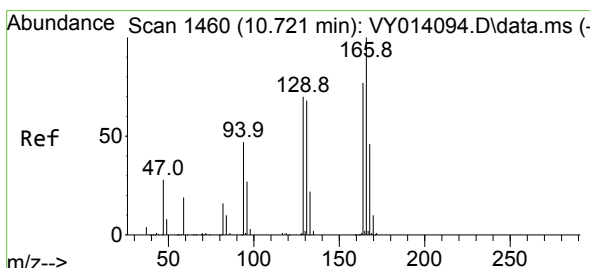
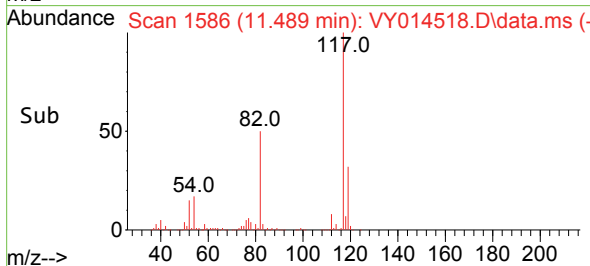
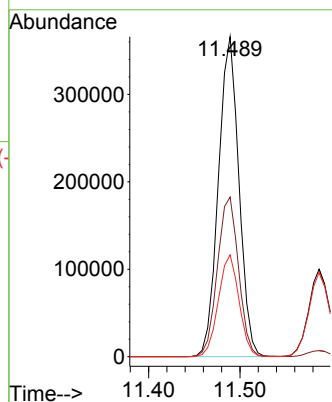
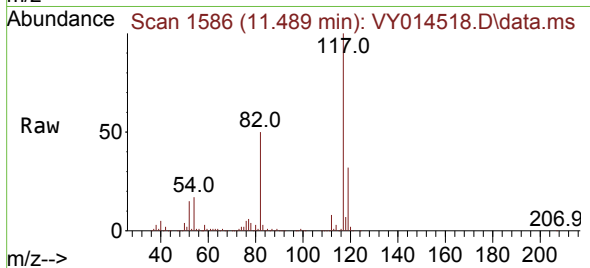
Tgt Ion:117 Resp: 571673

Ion Ratio Lower Upper

117 100

82 49.9 43.4 65.0

119 31.9 26.3 39.5



#64

Tetrachloroethene

Concen: 48.359 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

Tgt Ion:164 Resp: 247134

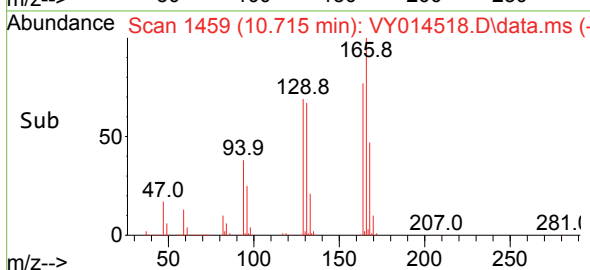
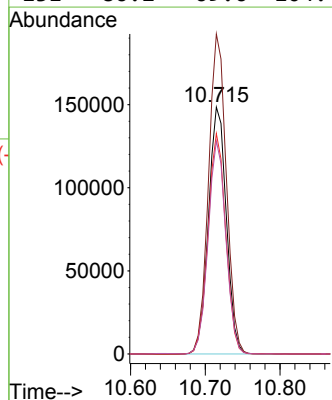
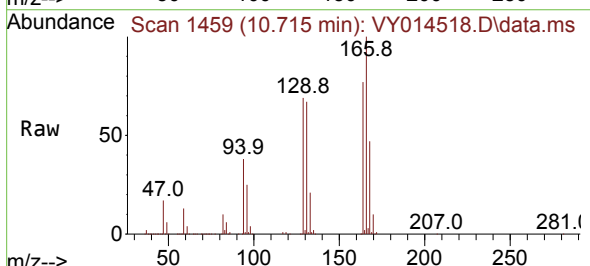
Ion Ratio Lower Upper

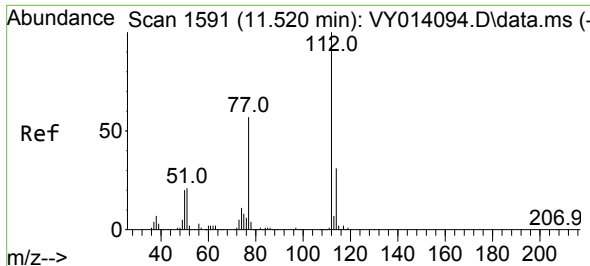
164 100

166 129.6 103.0 154.6

129 89.2 77.2 115.8

131 86.2 69.6 104.4

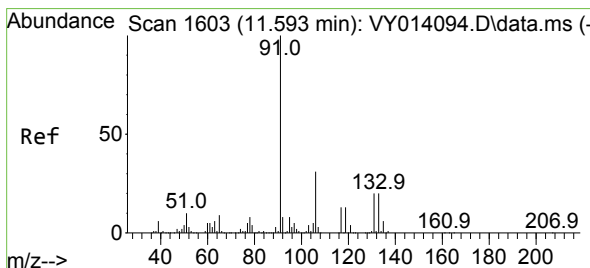
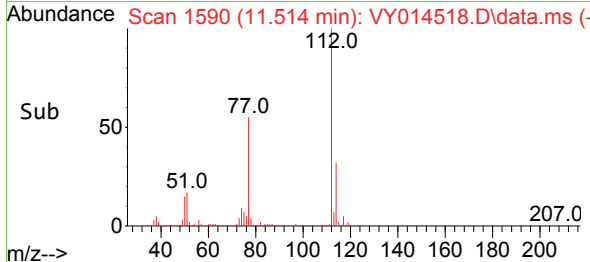
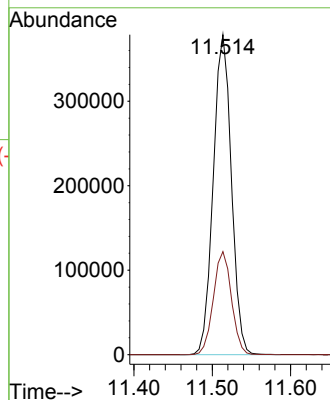
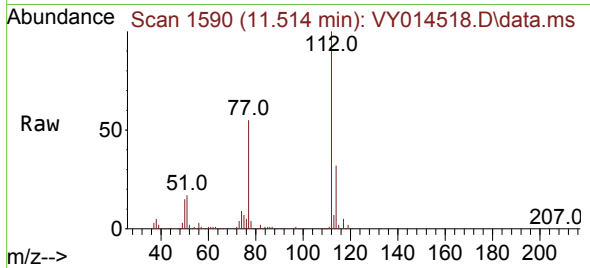




#65
Chlorobenzene
Concen: 49.967 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

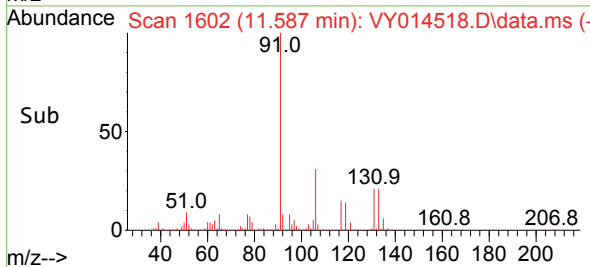
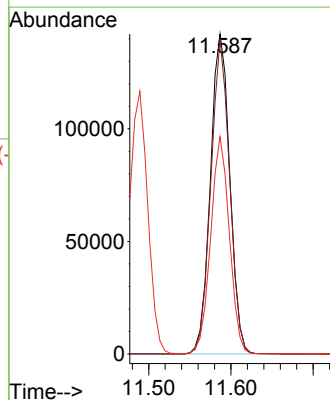
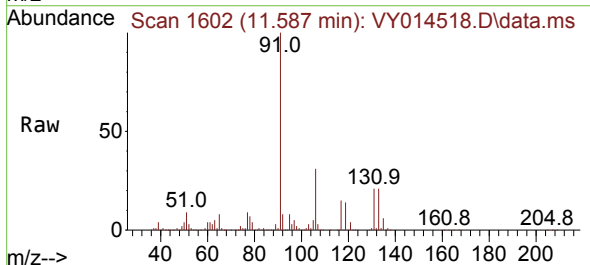
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY063023

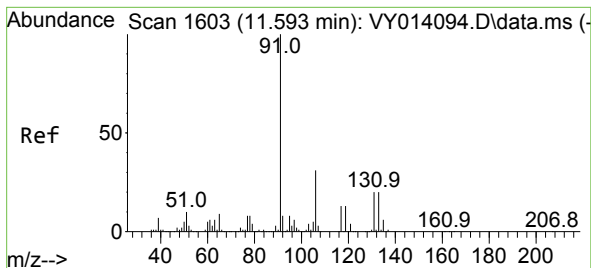
Tgt Ion:112 Resp: 608746
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.244 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

Tgt Ion:131 Resp: 232651
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 65.6 31.6 94.7





#67

Ethyl Benzene

Concen: 51.413 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

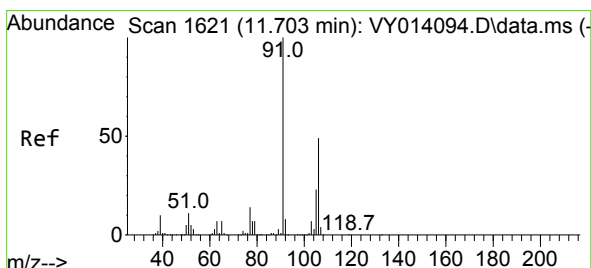
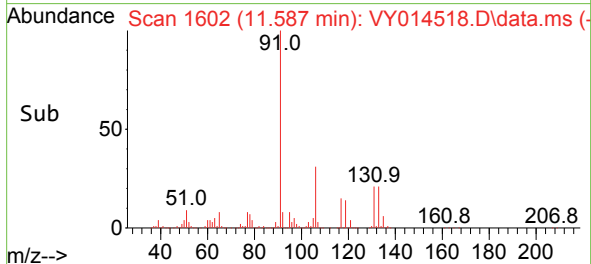
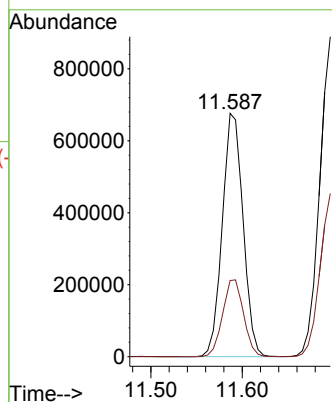
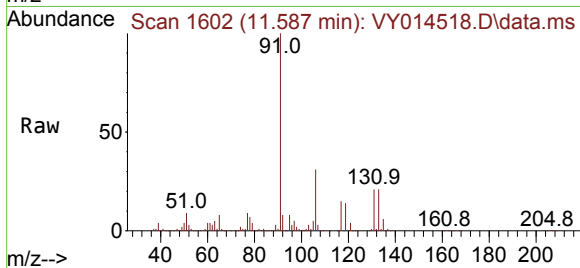
ICVY063023

Tgt Ion: 91 Resp: 1068133

Ion Ratio Lower Upper

91 100

106 31.3 24.6 36.8



#68

m/p-Xylenes

Concen: 103.549 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014518.D

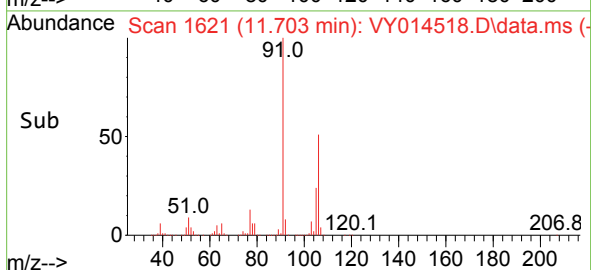
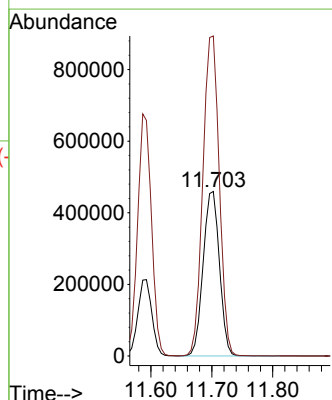
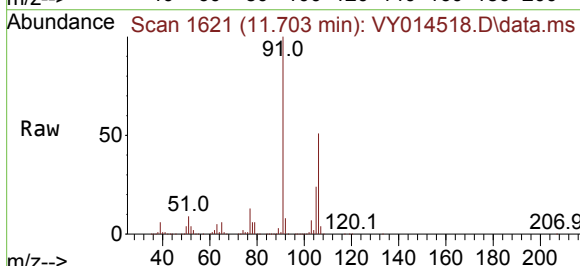
Acq: 30 Jun 2023 15:48

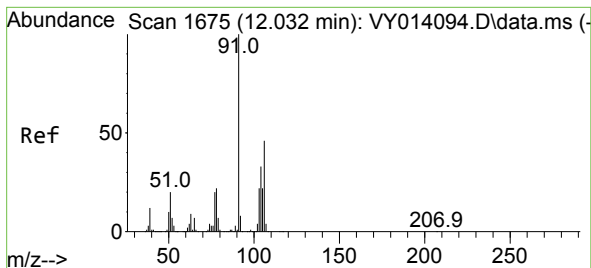
Tgt Ion:106 Resp: 853338

Ion Ratio Lower Upper

106 100

91 196.0 166.1 249.1





#69

o-Xylene

Concen: 51.636 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.006 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

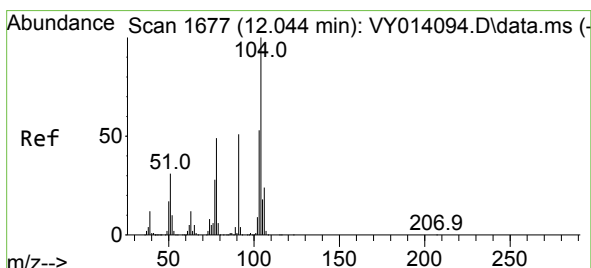
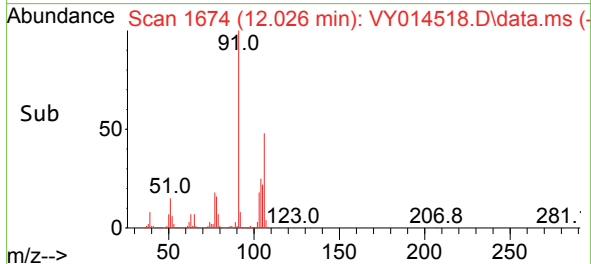
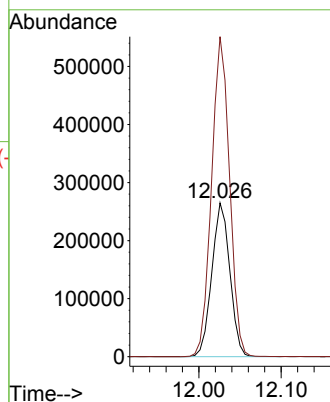
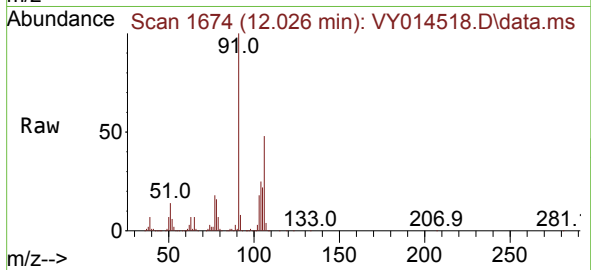
ICVY063023

Tgt Ion:106 Resp: 403594

Ion Ratio Lower Upper

106 100

91 207.9 108.1 324.3



#70

Styrene

Concen: 51.579 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

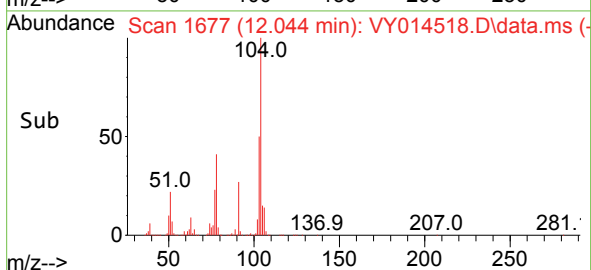
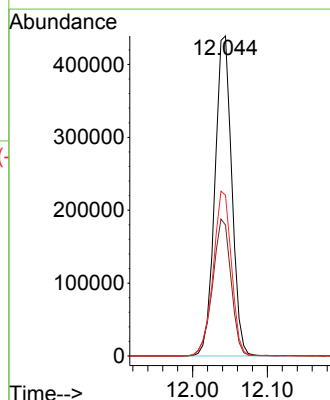
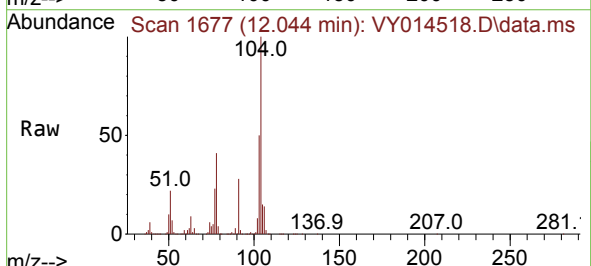
Tgt Ion:104 Resp: 693620

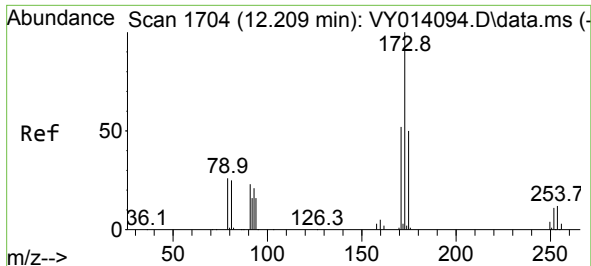
Ion Ratio Lower Upper

104 100

78 46.6 41.5 62.3

103 55.6 44.6 67.0

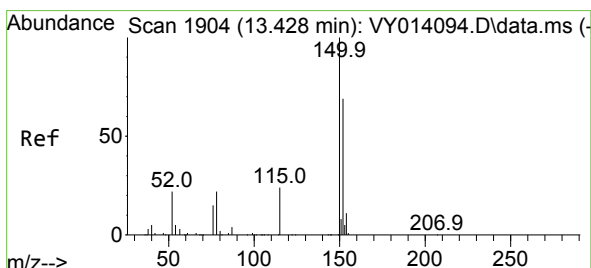
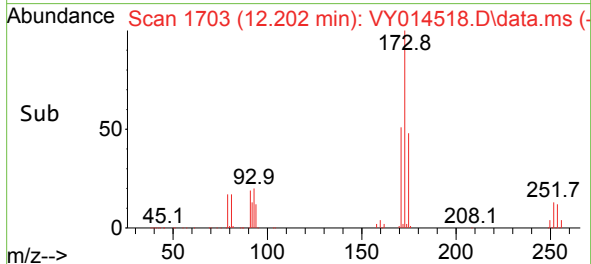
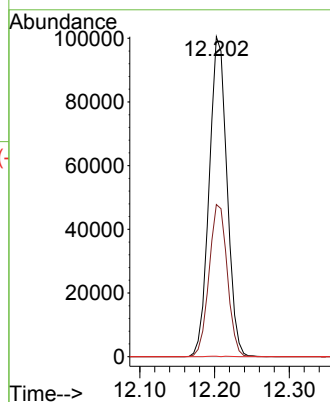
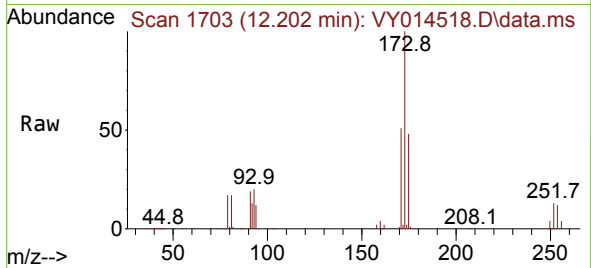




#71
Bromoform
Concen: 47.272 ug/l
RT: 12.202 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

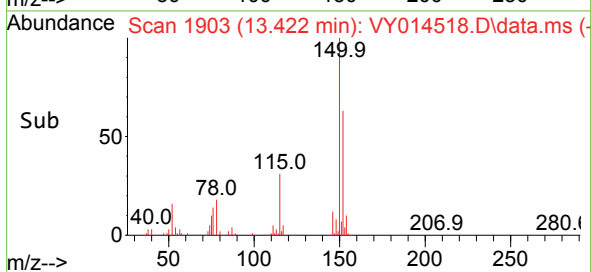
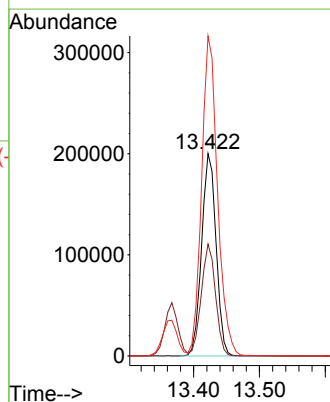
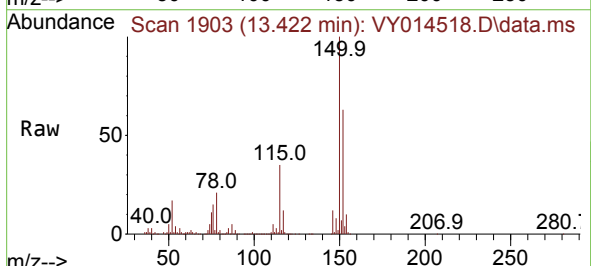
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY063023

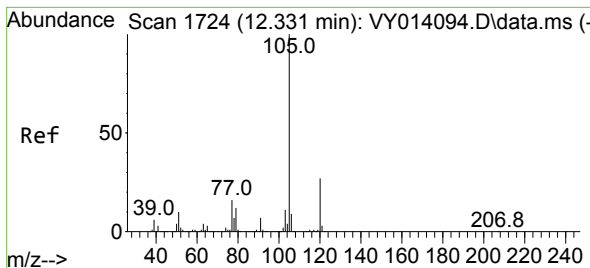
Tgt Ion:173 Resp: 166294
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

Tgt Ion:152 Resp: 305381
Ion Ratio Lower Upper
152 100
115 54.2 28.8 86.5
150 173.7 0.0 348.8





#73

Isopropylbenzene

Concen: 52.288 ug/l

RT: 12.324 min Scan# 1723

Delta R.T. -0.007 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

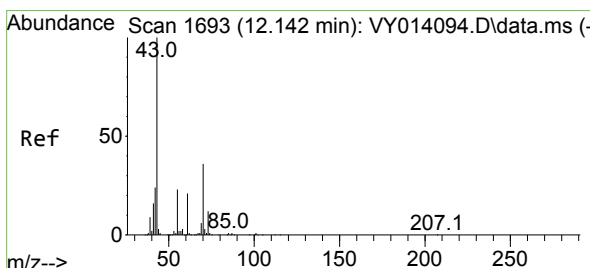
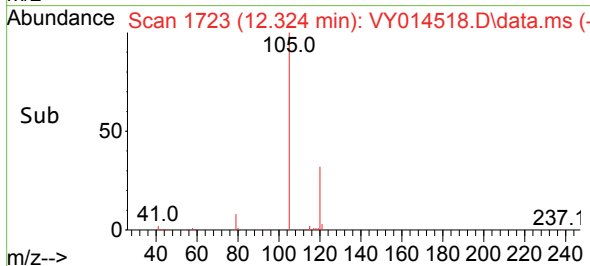
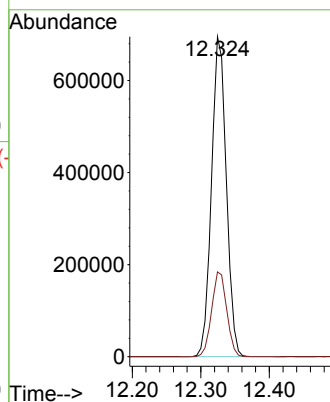
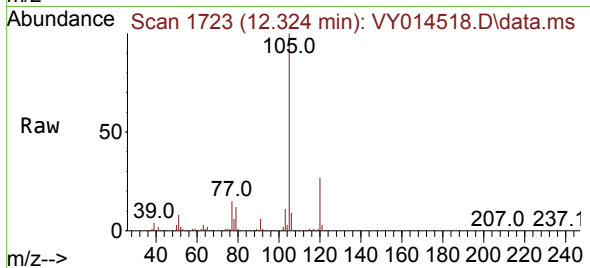
ICVY063023

Tgt Ion:105 Resp: 1045776

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 46.686 ug/l

RT: 12.141 min Scan# 1693

Delta R.T. -0.001 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

Tgt Ion: 43 Resp: 281811

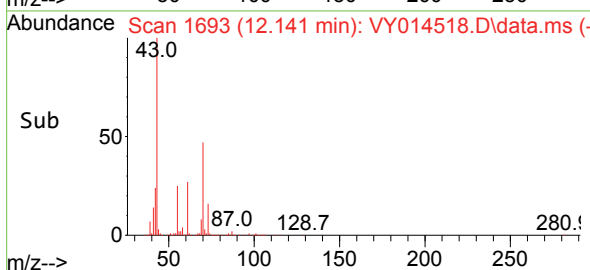
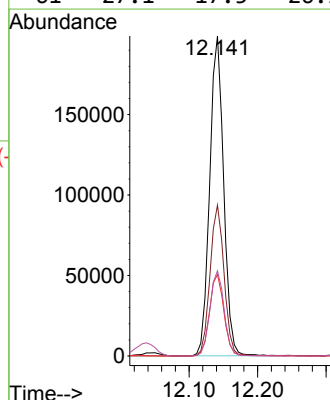
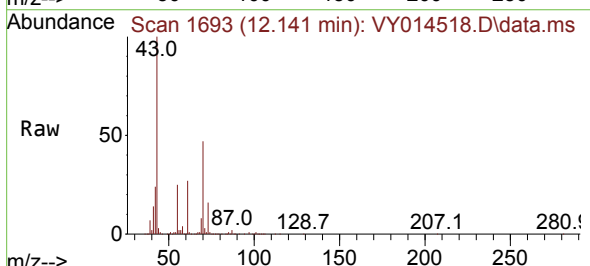
Ion Ratio Lower Upper

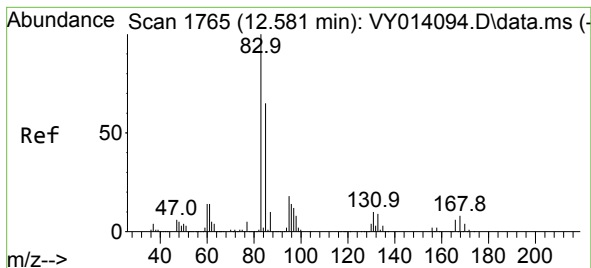
43 100

70 47.5 29.7 44.5#

55 26.3 18.3 27.5

61 27.1 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 45.954 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. -0.001 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVY063023

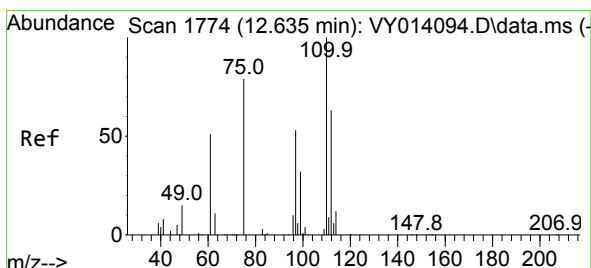
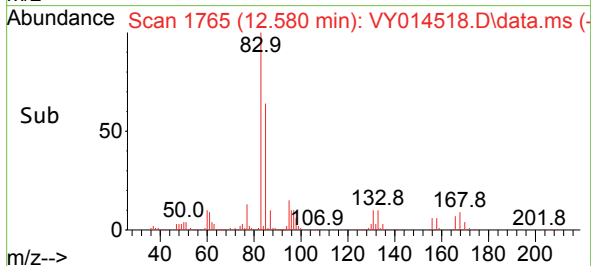
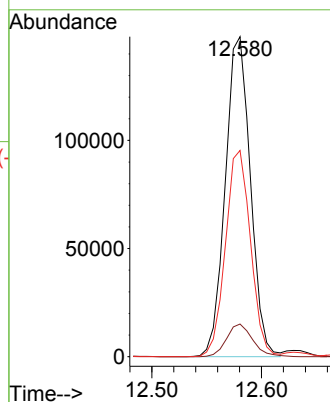
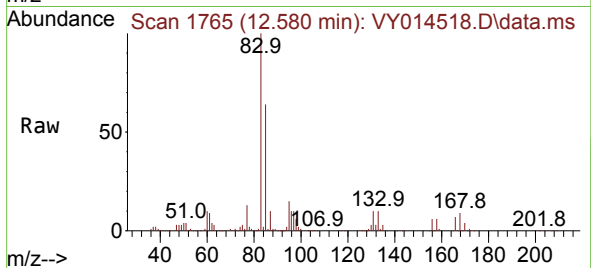
Tgt Ion: 83 Resp: 235860

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 64.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 84.557 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY014518.D

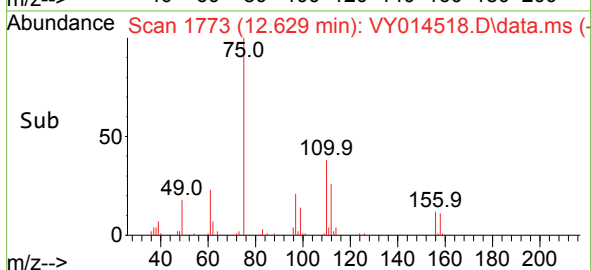
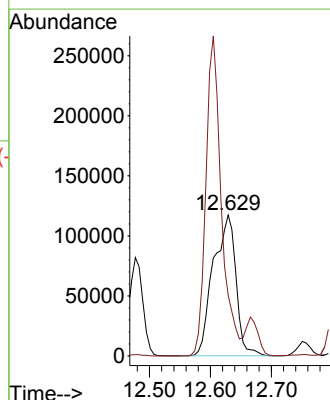
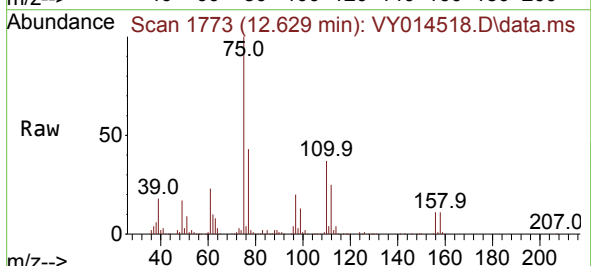
Acq: 30 Jun 2023 15:48

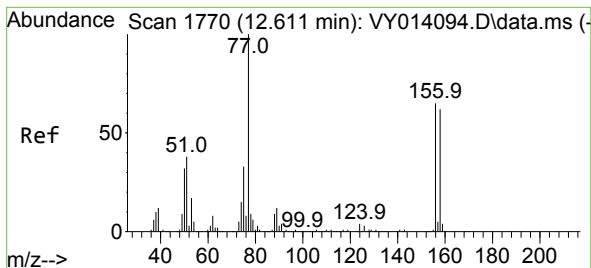
Tgt Ion: 75 Resp: 303013

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.819 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVY063023

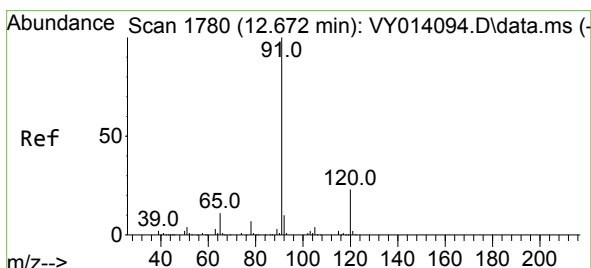
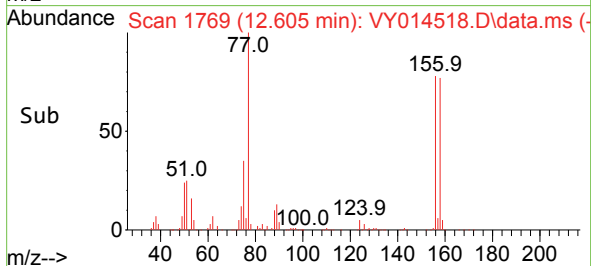
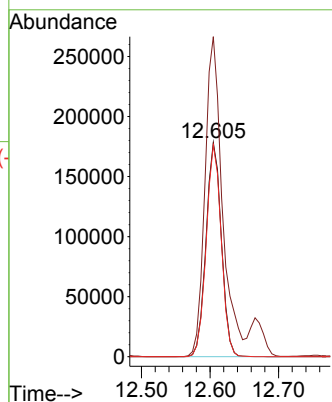
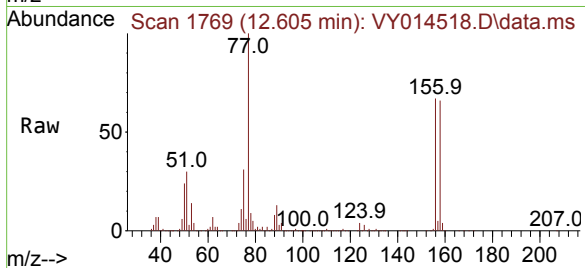
Tgt Ion:156 Resp: 277605

Ion Ratio Lower Upper

156 100

77 169.4 92.8 278.6

158 97.5 48.4 145.3



#78

n-propylbenzene

Concen: 52.235 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY014518.D

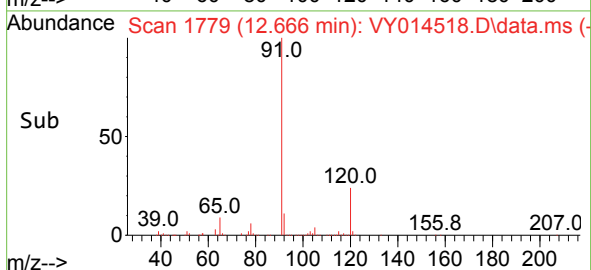
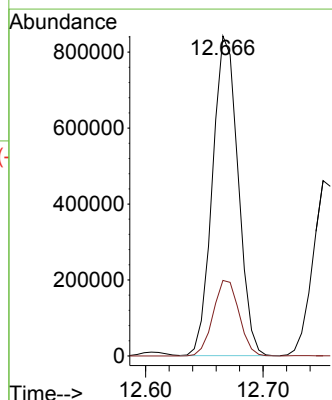
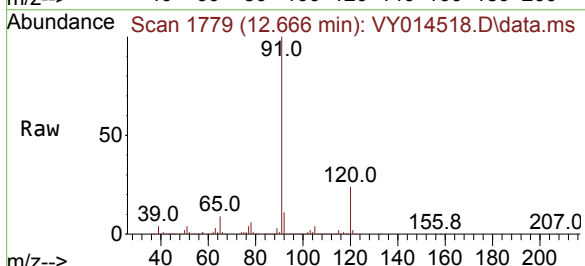
Acq: 30 Jun 2023 15:48

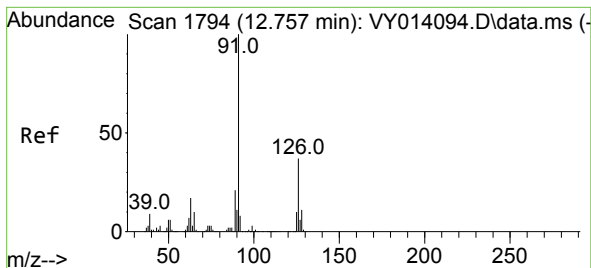
Tgt Ion: 91 Resp: 1274384

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 51.723 ug/l

RT: 12.751 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

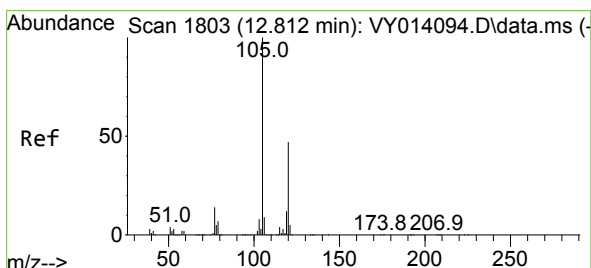
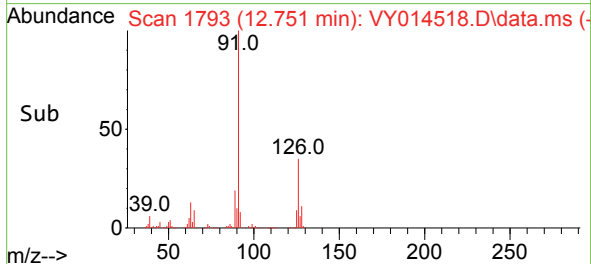
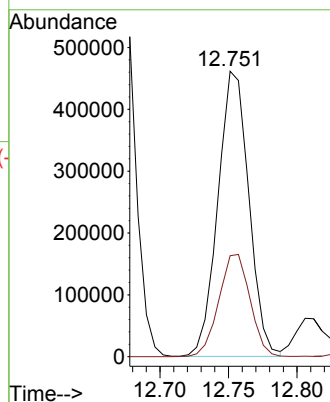
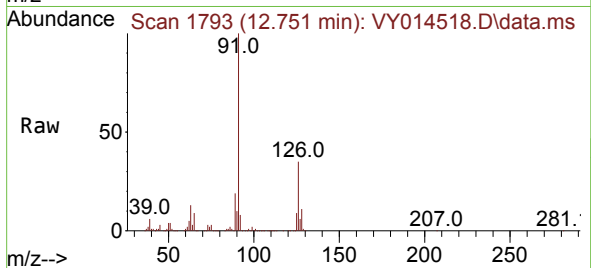
ICVVY063023

Tgt Ion: 91 Resp: 726212

Ion Ratio Lower Upper

91 100

126 36.2 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 52.968 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY014518.D

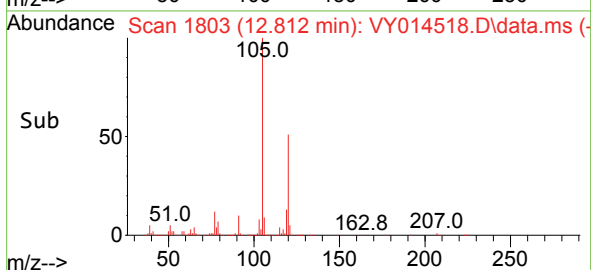
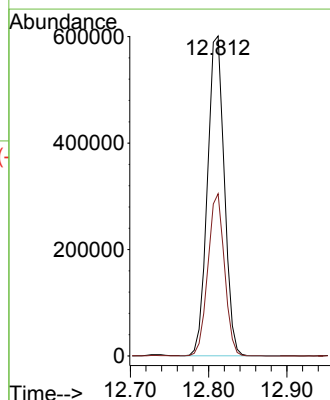
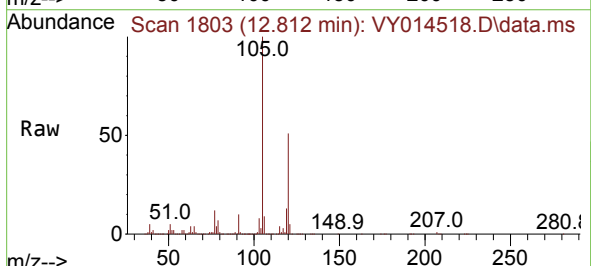
Acq: 30 Jun 2023 15:48

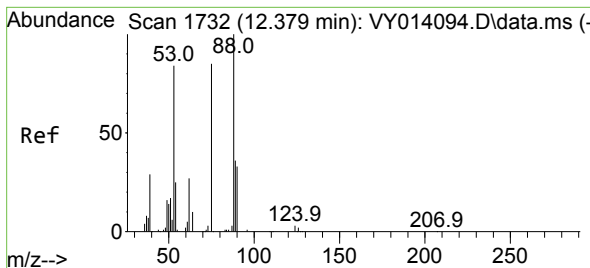
Tgt Ion: 105 Resp: 896823

Ion Ratio Lower Upper

105 100

120 49.8 23.9 71.7

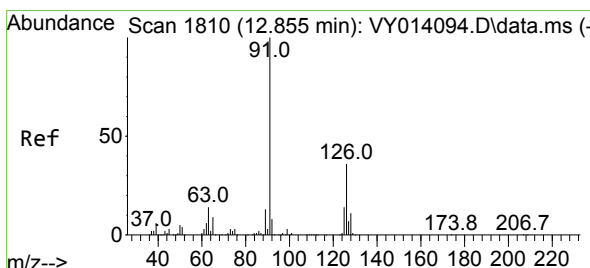
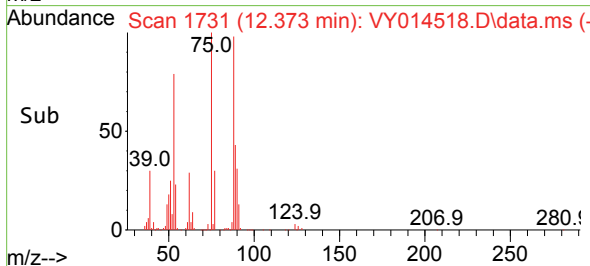
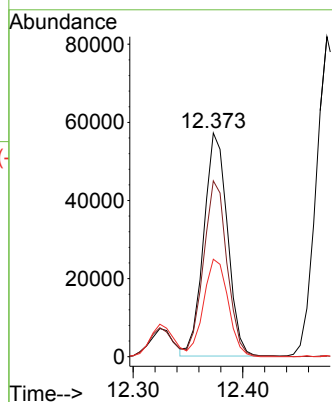
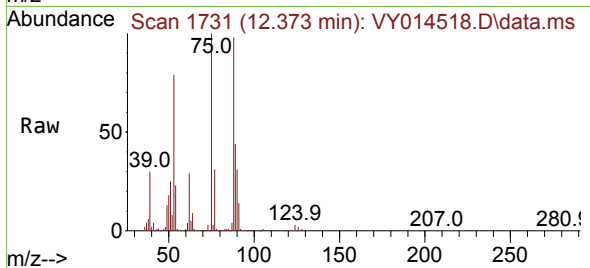




#81
trans-1,4-Dichloro-2-butene
Concen: 46.571 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

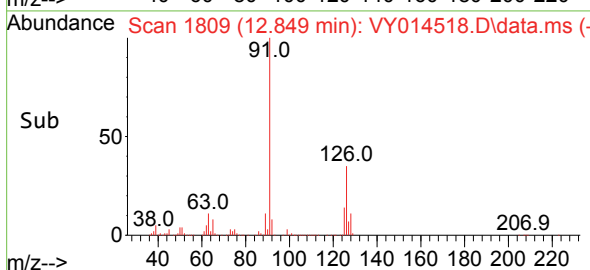
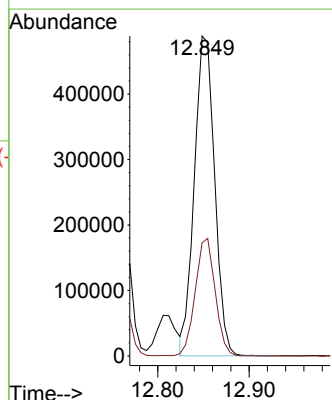
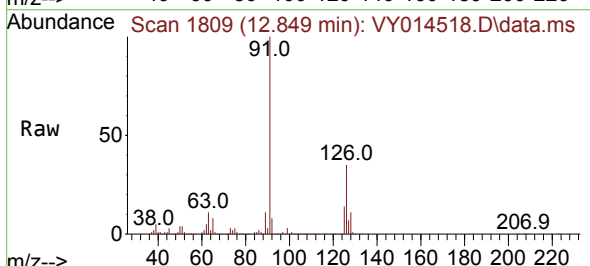
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY063023

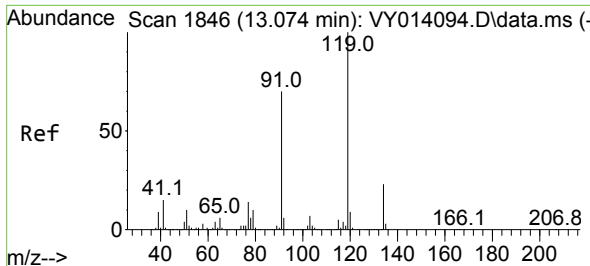
Tgt Ion: 75 Resp: 85742
Ion Ratio Lower Upper
75 100
53 78.3 77.8 116.8
89 45.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 51.322 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

Tgt Ion: 91 Resp: 754913
Ion Ratio Lower Upper
91 100
126 36.2 17.2 51.6

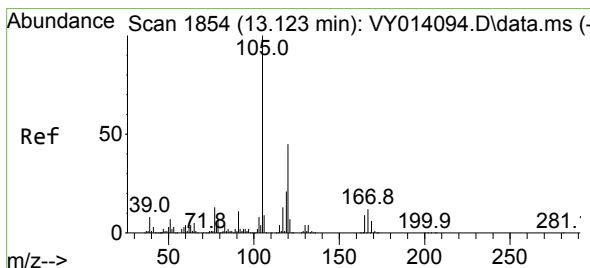
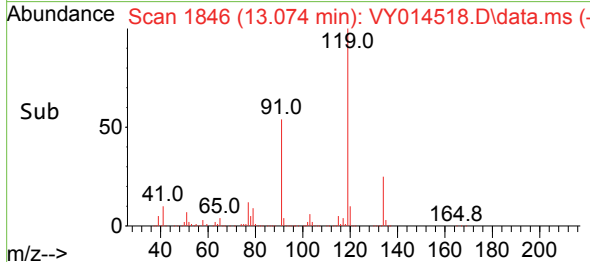
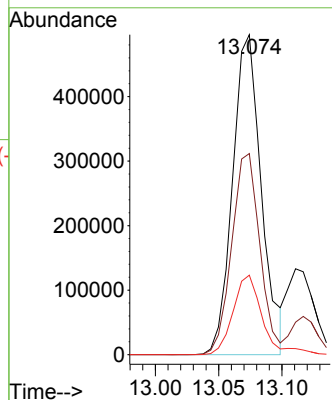
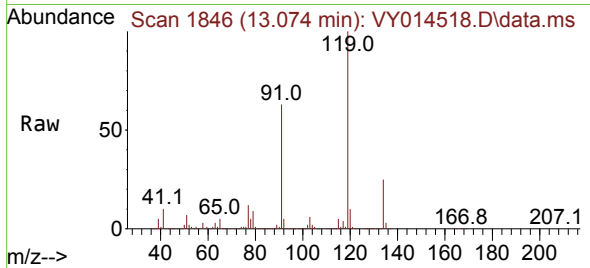




#83
tert-Butylbenzene
Concen: 52.746 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

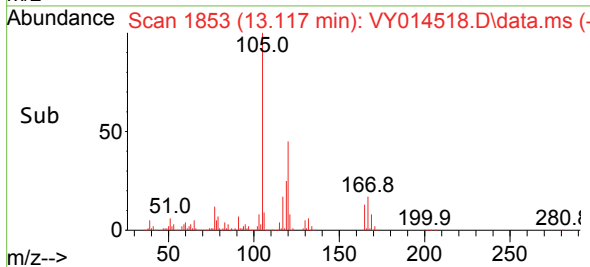
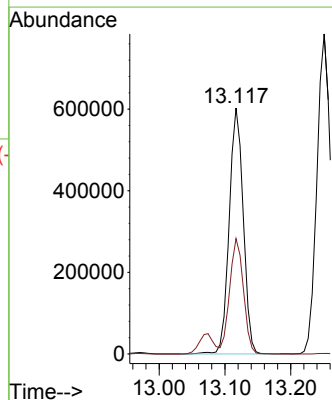
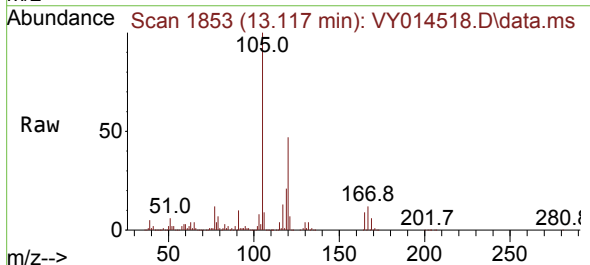
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY063023

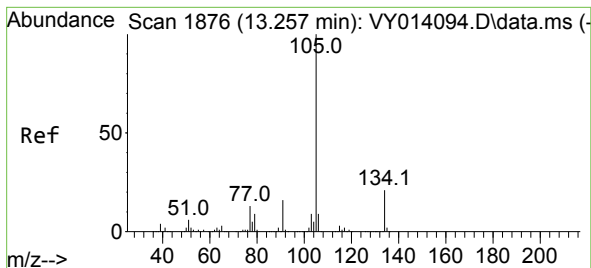
Tgt Ion:119 Resp: 784884
Ion Ratio Lower Upper
119 100
91 61.5 32.9 98.6
134 25.4 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 52.978 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY014518.D
Acq: 30 Jun 2023 15:48

Tgt Ion:105 Resp: 895102
Ion Ratio Lower Upper
105 100
120 45.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 52.286 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

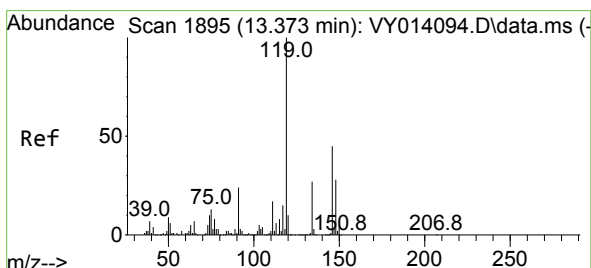
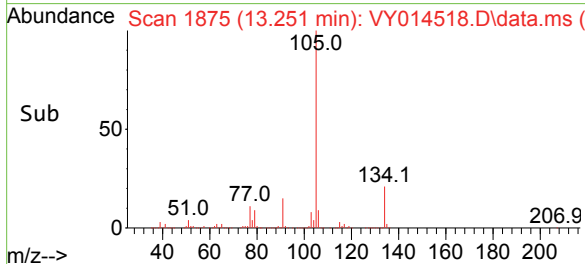
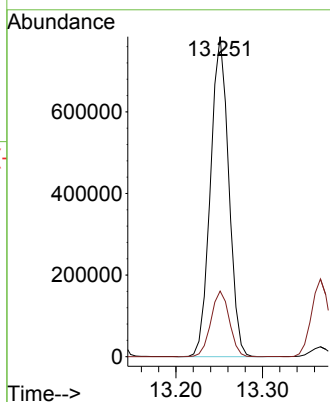
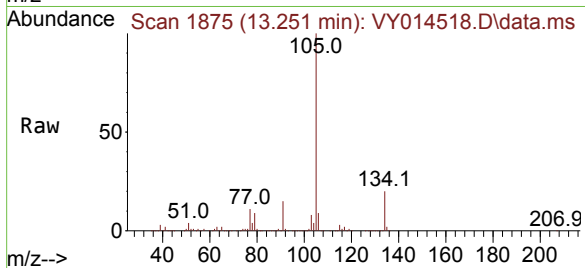
ICVVY063023

Tgt Ion:105 Resp: 1148100

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 53.479 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

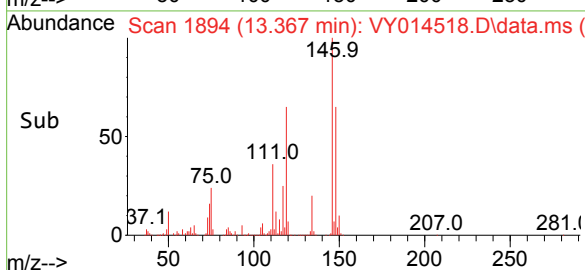
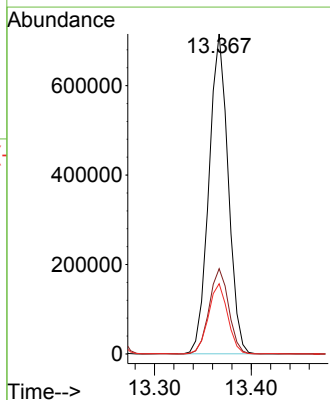
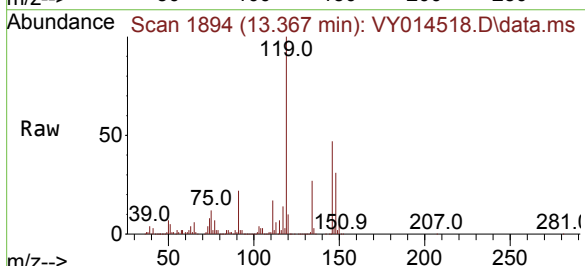
Tgt Ion:119 Resp: 988236

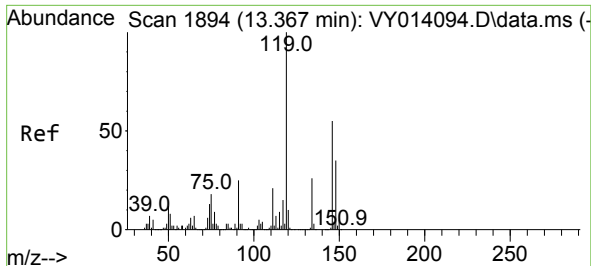
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

91 21.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 51.154 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY063023

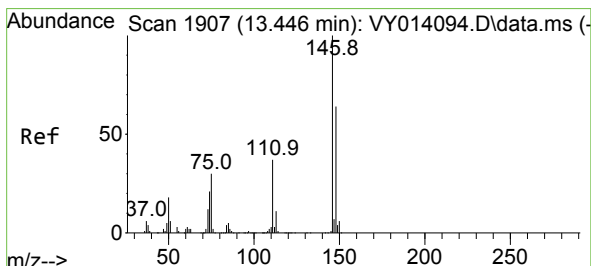
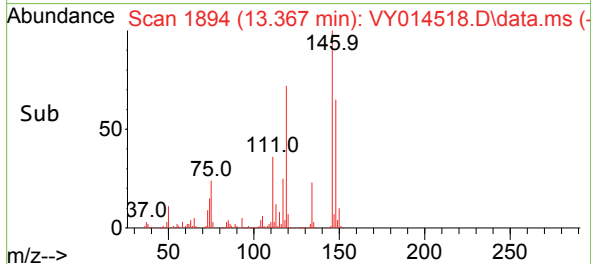
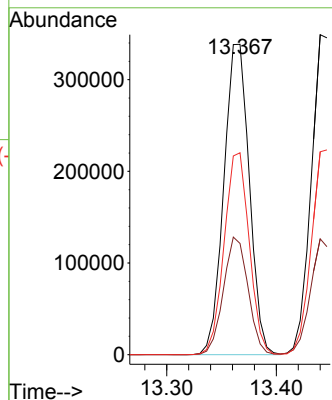
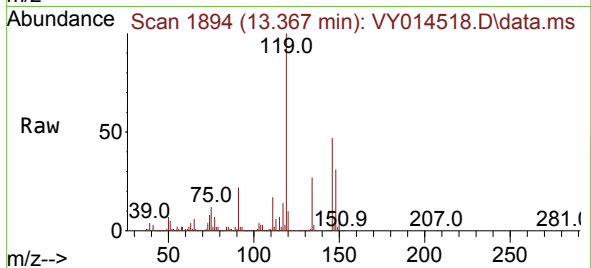
Tgt Ion:146 Resp: 546361

Ion Ratio Lower Upper

146 100

111 36.7 19.4 58.2

148 64.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 50.415 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

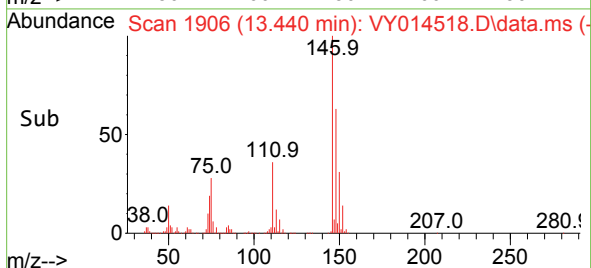
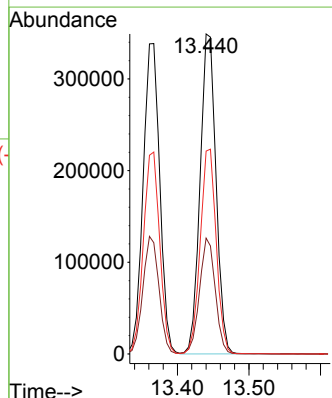
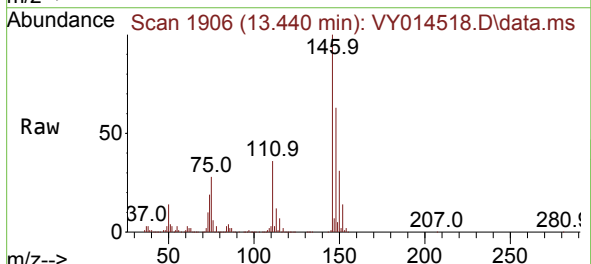
Tgt Ion:146 Resp: 539635

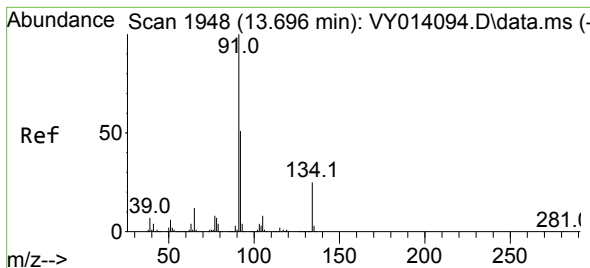
Ion Ratio Lower Upper

146 100

111 35.7 18.9 56.7

148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 52.745 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVY063023

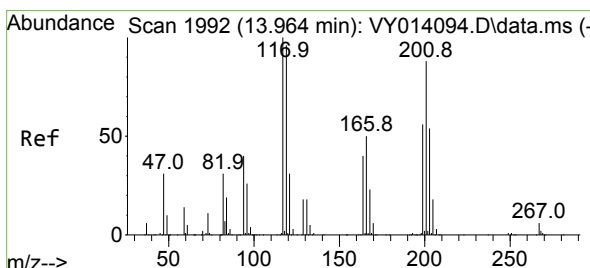
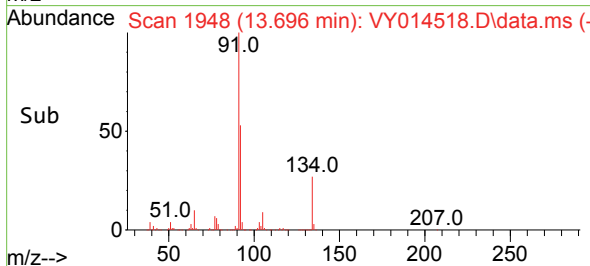
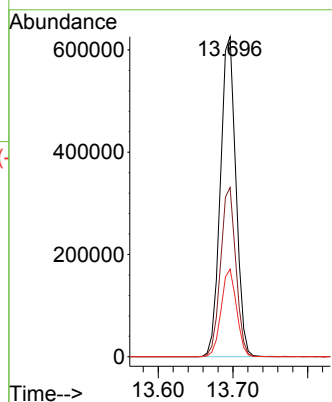
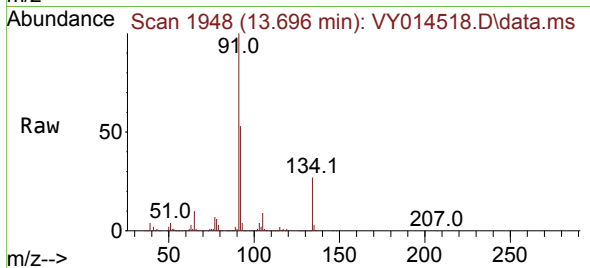
Tgt Ion: 91 Resp: 900745

Ion Ratio Lower Upper

91 100

92 52.3 25.4 76.0

134 27.2 12.6 37.6



#90

Hexachloroethane

Concen: 50.616 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.006 min

Lab File: VY014518.D

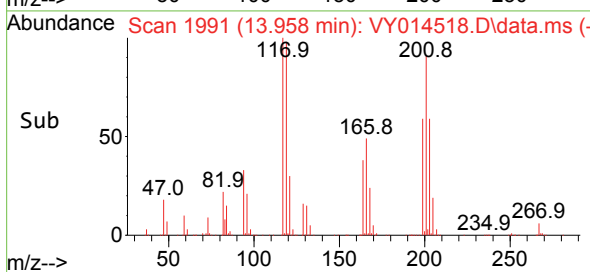
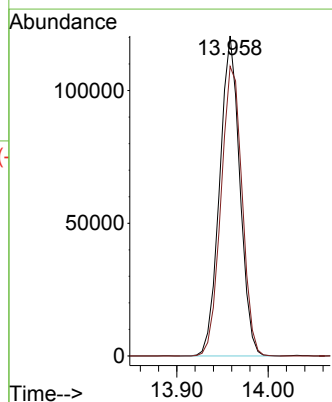
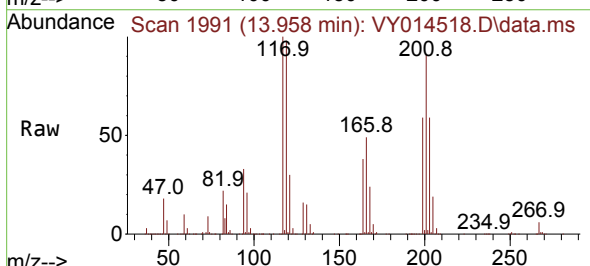
Acq: 30 Jun 2023 15:48

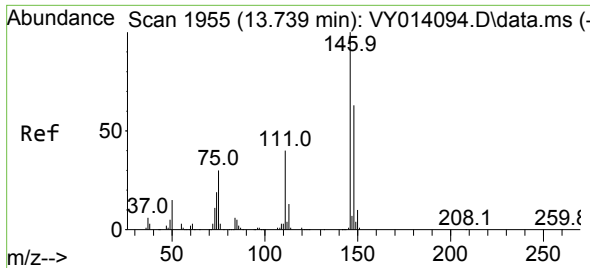
Tgt Ion: 117 Resp: 185274

Ion Ratio Lower Upper

117 100

201 94.3 41.6 124.8

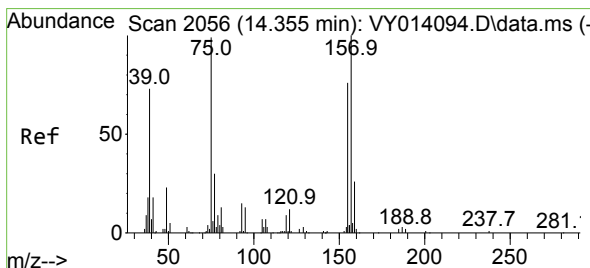
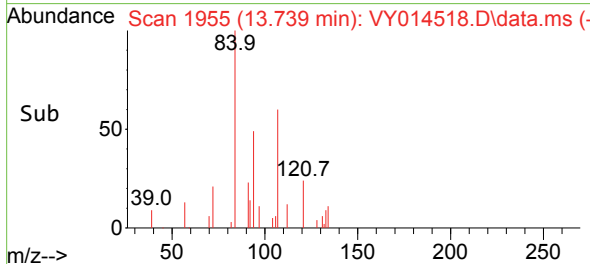
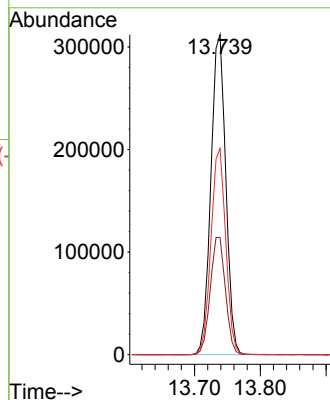
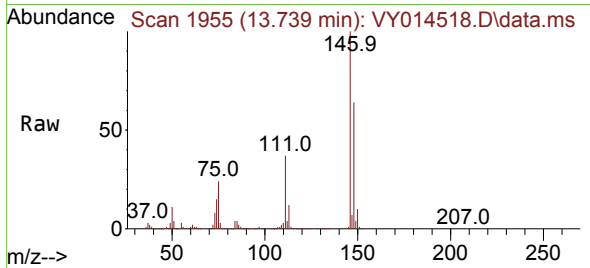




#91
 1,2-Dichlorobenzene
 Concen: 50.760 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.000 min
 Lab File: VY014518.D
 Acq: 30 Jun 2023 15:48

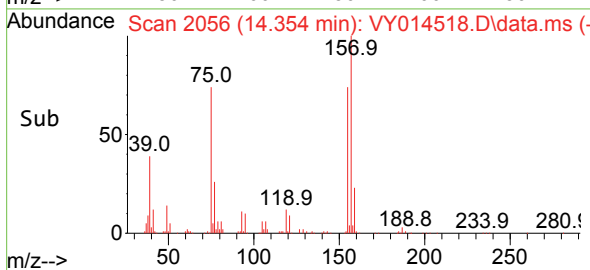
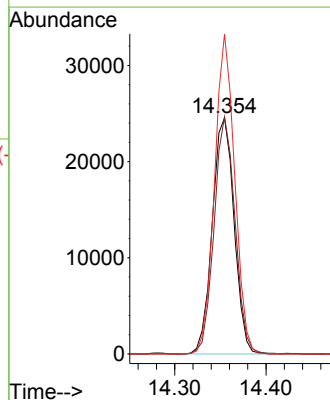
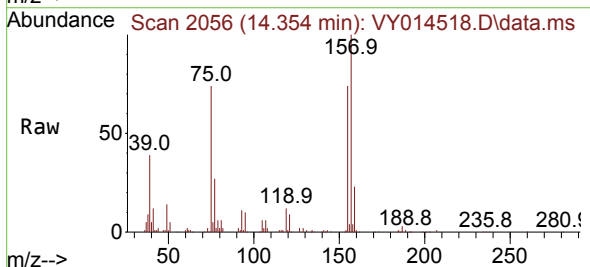
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY063023

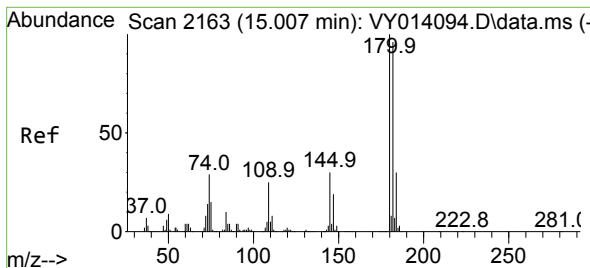
Tgt Ion:146 Resp: 491084
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.7 59.0
 148 64.0 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.253 ug/l
 RT: 14.354 min Scan# 2056
 Delta R.T. -0.001 min
 Lab File: VY014518.D
 Acq: 30 Jun 2023 15:48

Tgt Ion: 75 Resp: 40643
 Ion Ratio Lower Upper
 75 100
 155 96.4 41.5 124.6
 157 125.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 54.073 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY063023

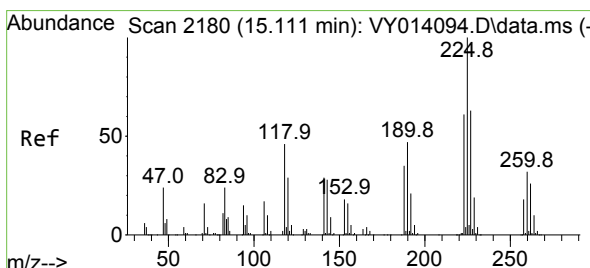
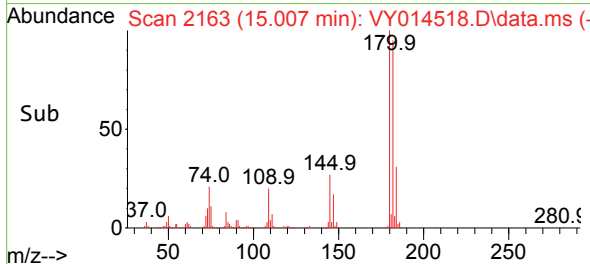
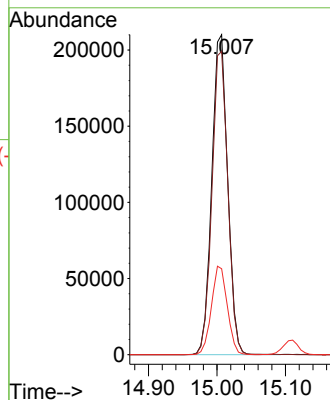
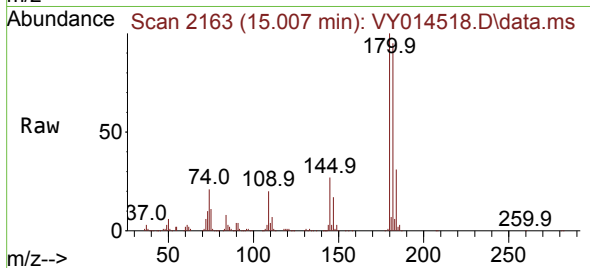
Tgt Ion:180 Resp: 337892

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.2

145 27.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 52.793 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.001 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

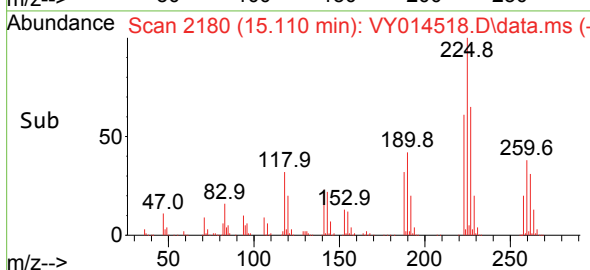
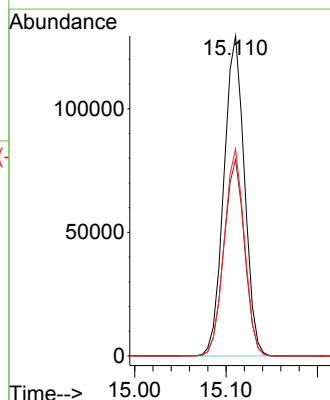
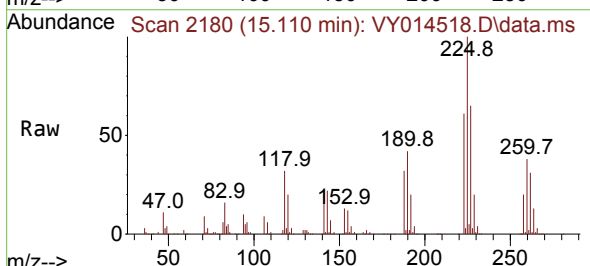
Tgt Ion:225 Resp: 202753

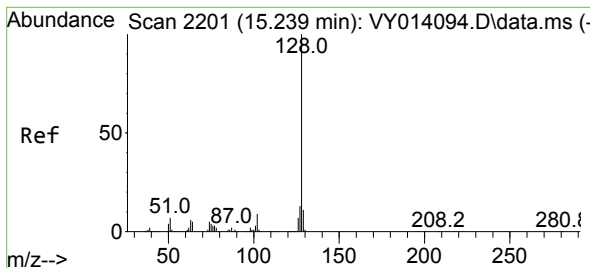
Ion Ratio Lower Upper

225 100

223 61.6 31.9 95.9

227 63.9 33.0 98.9





#95

Naphthalene

Concen: 50.585 ug/l

RT: 15.232 min Scan# 2200

Delta R.T. -0.007 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

ICVY063023

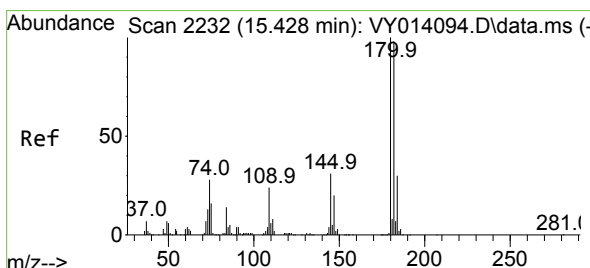
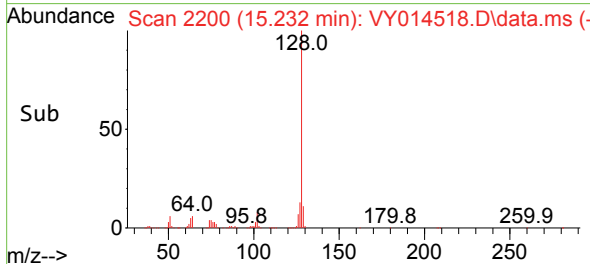
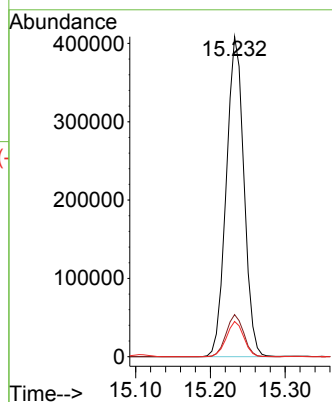
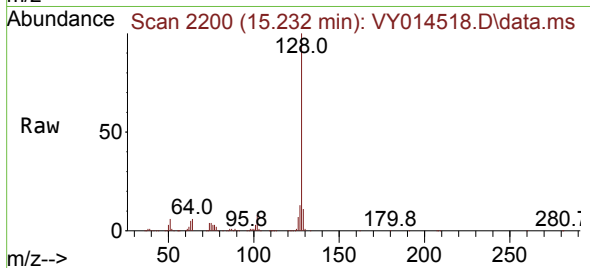
Tgt Ion:128 Resp: 672514

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.214 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.007 min

Lab File: VY014518.D

Acq: 30 Jun 2023 15:48

Tgt Ion:180 Resp: 302977

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.8

145 29.5 15.4 46.2

