

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
 Data File : VY014593.D
 Acq On : 06 Jul 2023 17:07
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 07 06:16:02 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	7.783	168	331993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	488468	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.483	117	463874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	248584	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	183830	55.662	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.320%	
35) Dibromofluoromethane	7.704	113	169438	56.329	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.660%	
50) Toluene-d8	10.173	98	645945	54.322	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.640%	
62) 4-Bromofluorobenzene	12.477	95	229530	55.589	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.180%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	112877	47.209	ug/l	97
3) Chloromethane	2.107	50	185281	48.188	ug/l	98
4) Vinyl Chloride	2.235	62	225507	50.883	ug/l	97
5) Bromomethane	2.625	94	163517	47.581	ug/l	99
6) Chloroethane	2.772	64	146229	51.243	ug/l	98
7) Trichlorofluoromethane	3.107	101	252533	46.917	ug/l	100
8) Diethyl Ether	3.515	74	99728	48.932	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.881	101	158956	49.452	ug/l	97
10) Methyl Iodide	4.076	142	170026	46.354	ug/l	93
11) Tert butyl alcohol	4.954	59	143766	251.339	ug/l #	81
12) 1,1-Dichloroethene	3.851	96	149341	47.959	ug/l	95
13) Acrolein	3.717	56	82509	188.233	ug/l	99
14) Allyl chloride	4.460	41	237628	50.629	ug/l	88
15) Acrylonitrile	5.143	53	314566	268.862	ug/l	99
16) Acetone	3.936	43	255375	247.606	ug/l #	89
17) Carbon Disulfide	4.174	76	451912	47.623	ug/l	100
18) Methyl Acetate	4.460	43	258863	55.136	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	465996	52.069	ug/l	96
20) Methylene Chloride	4.698	84	201206	54.498	ug/l	91
21) trans-1,2-Dichloroethene	5.198	96	169905	48.203	ug/l	99
22) Diisopropyl ether	6.106	45	504324	52.148	ug/l #	90
23) Vinyl Acetate	6.045	43	1477572	264.074	ug/l	95
24) 1,1-Dichloroethane	5.997	63	298821	49.219	ug/l	99
25) 2-Butanone	6.978	43	402445	263.528	ug/l	93
26) 2,2-Dichloropropane	6.966	77	227422	43.947	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	193596	48.419	ug/l	94
28) Bromochloromethane	7.320	49	129802	50.916	ug/l	93
29) Tetrahydrofuran	7.338	42	274753	278.926	ug/l	90
30) Chloroform	7.496	83	310207	48.980	ug/l	96
31) Cyclohexane	7.777	56	243506	46.996	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	255746	47.242	ug/l	98
36) 1,1-Dichloropropene	7.905	75	229294	49.776	ug/l	99
37) Ethyl Acetate	7.064	43	169630	53.695	ug/l #	92
38) Carbon Tetrachloride	7.887	117	231882	48.221	ug/l	99
39) Methylcyclohexane	9.173	83	275491	50.034	ug/l	97
40) Benzene	8.149	78	675636	48.454	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	239995	155.503	ug/l #	38
42) 1,2-Dichloroethane	8.228	62	211580	51.624	ug/l	95
43) Isopropyl Acetate	8.265	43	285663	53.358	ug/l #	92
44) Trichloroethene	8.935	130	185916	47.825	ug/l	94
45) 1,2-Dichloropropane	9.209	63	183274	51.235	ug/l	95
46) Dibromomethane	9.295	93	111869	51.370	ug/l	97
47) Bromodichloromethane	9.490	83	242245	50.486	ug/l	99
48) Methyl methacrylate	9.289	41	136389	56.022	ug/l #	82
49) 1,4-Dioxane	9.295	88	43191	1110.680	ug/l #	49
51) 4-Methyl-2-Pentanone	10.063	43	870515	274.653	ug/l	90
52) Toluene	10.240	92	422557	48.156	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	254978	49.693	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	284264	49.654	ug/l #	86
55) 1,1,2-Trichloroethane	10.636	97	160728	50.723	ug/l	99
56) Ethyl methacrylate	10.502	69	227351	52.744	ug/l #	82
57) 1,3-Dichloropropane	10.782	76	263082	50.954	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	591358	283.188	ug/l	98
59) 2-Hexanone	10.825	43	643032	280.858	ug/l	88
60) Dibromochloromethane	10.977	129	188454	50.755	ug/l	100
61) 1,2-Dibromoethane	11.081	107	159185	51.456	ug/l	99
64) Tetrachloroethene	10.715	164	196427	47.369	ug/l	98
65) Chlorobenzene	11.508	112	469092	47.452	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	181647	48.346	ug/l	97
67) Ethyl Benzene	11.587	91	812246	48.182	ug/l	98
68) m/p-Xylenes	11.697	106	633811	94.783	ug/l	96
69) o-Xylene	12.026	106	303736	47.890	ug/l	96
70) Styrene	12.038	104	531605	48.718	ug/l	97
71) Bromoform	12.203	173	142575	49.948	ug/l	100
73) Isopropylbenzene	12.325	105	783490	48.125	ug/l	99
74) N-amyl acetate	12.142	43	255782	52.056	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	216610	51.846	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	273180	93.650	ug/l #	100
77) Bromobenzene	12.605	156	214228	48.177	ug/l	98
78) n-propylbenzene	12.666	91	990092	49.855	ug/l	100
79) 2-Chlorotoluene	12.752	91	559659	48.968	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	674214	48.918	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	71620	47.789	ug/l	89
82) 4-Chlorotoluene	12.849	91	577410	48.224	ug/l	97
83) tert-Butylbenzene	13.069	119	564779	46.627	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	675085	49.086	ug/l	97
85) sec-Butylbenzene	13.251	105	883259	49.415	ug/l	99
86) p-Isopropyltoluene	13.367	119	735329	48.885	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	413986	47.616	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	409233	46.967	ug/l	99
89) n-Butylbenzene	13.690	91	691958	49.777	ug/l	98
90) Hexachloroethane	13.959	117	147782	49.598	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	380188	48.276	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	40652	53.147	ug/l	90
93) 1,2,4-Trichlorobenzene	15.001	180	249771	49.104	ug/l	98
94) Hexachlorobutadiene	15.111	225	155859	49.855	ug/l	98
95) Naphthalene	15.233	128	547152	50.559	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	233430	50.366	ug/l	99

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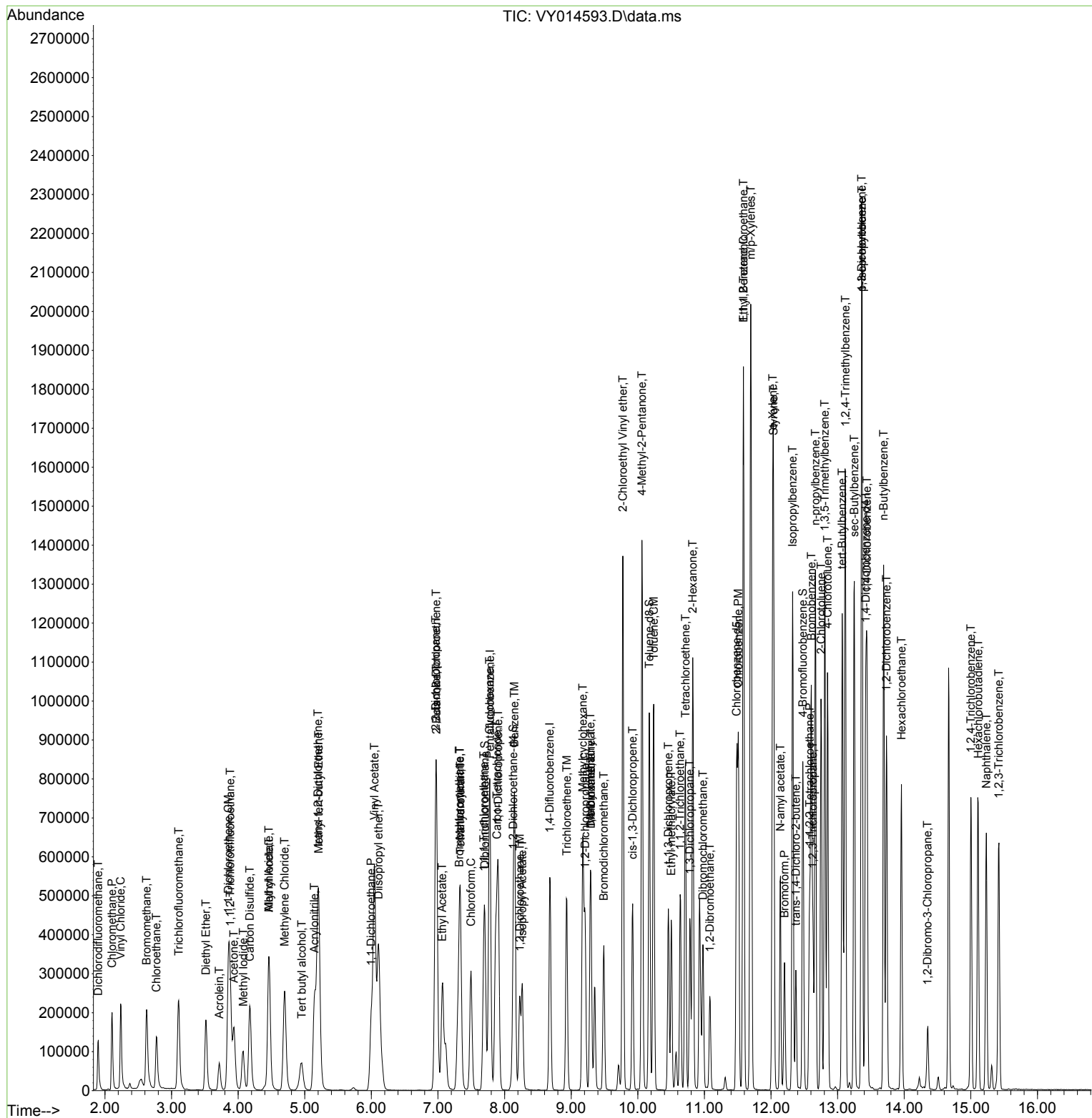
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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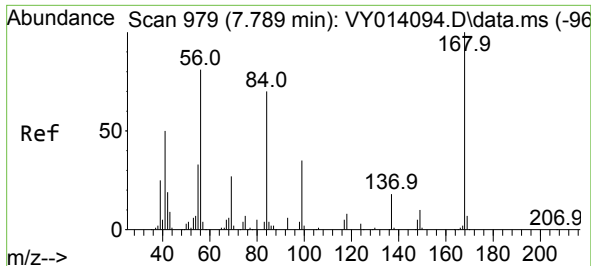
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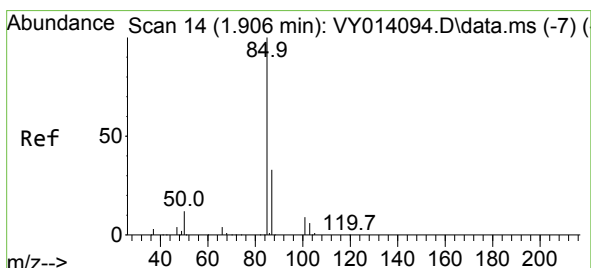
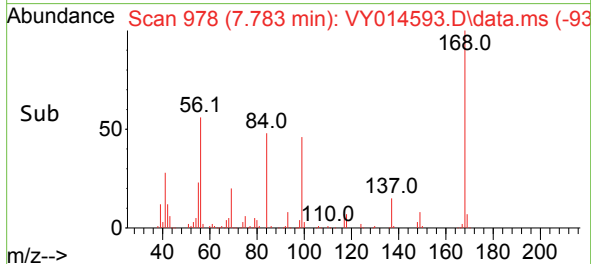
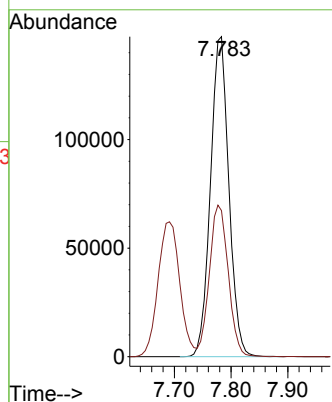
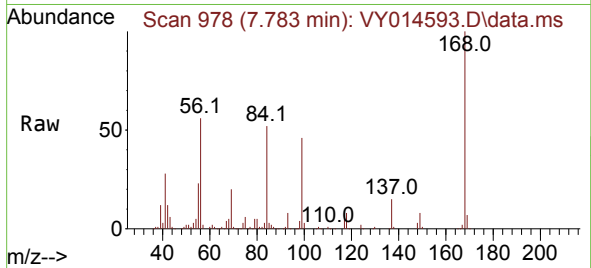




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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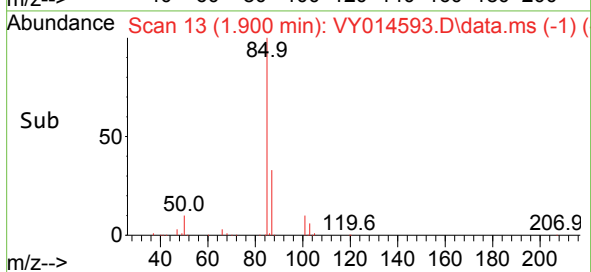
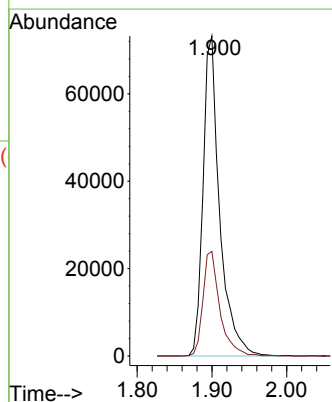
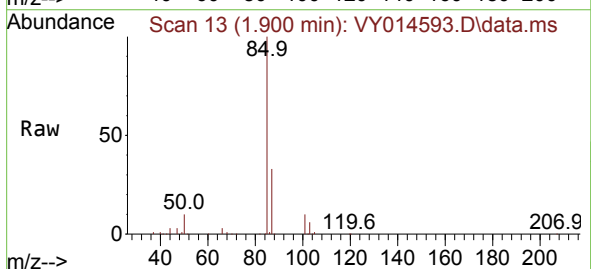
Instrument :
MSVOA_Y
ClientSampleId :

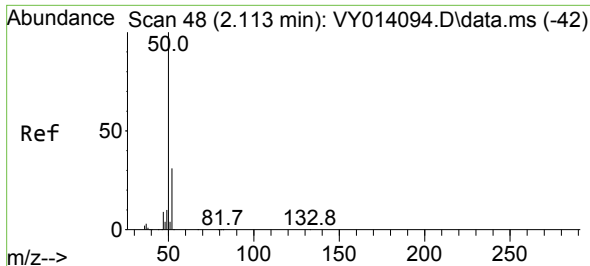
Tgt Ion:168 Resp: 331993
Ion Ratio Lower Upper
168 100
99 45.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 47.209 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Tgt Ion: 85 Resp: 112877
Ion Ratio Lower Upper
85 100
87 32.7 15.6 46.8

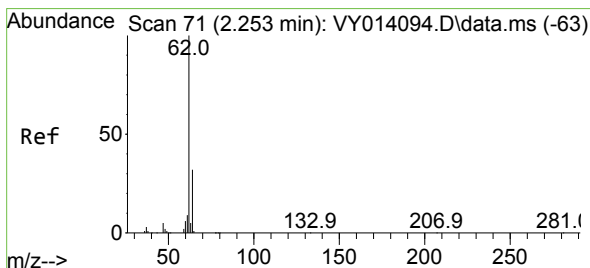
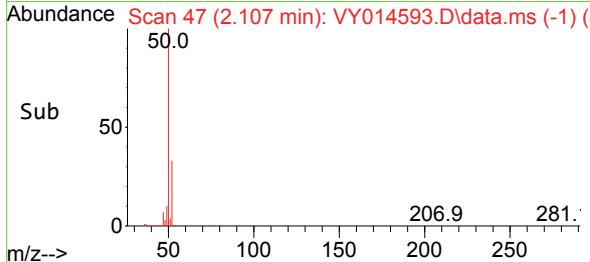
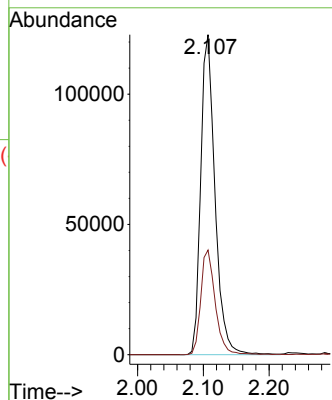
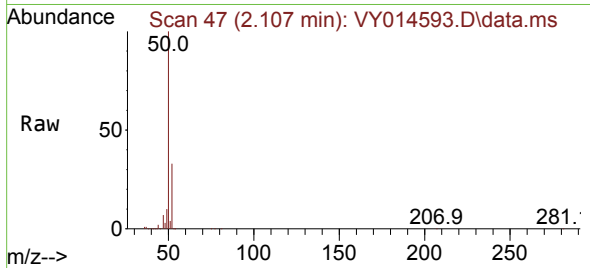




#3
Chloromethane
Concen: 48.188 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

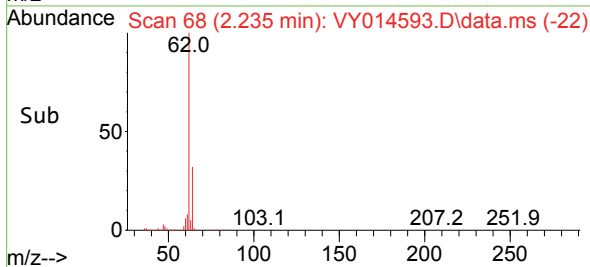
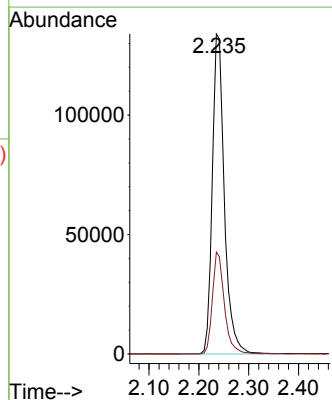
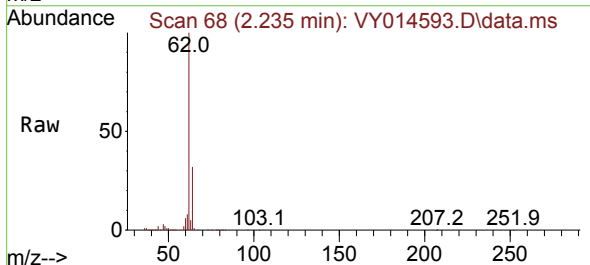
Instrument :
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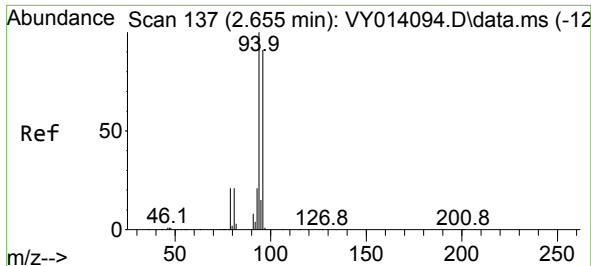
Tgt Ion: 50 Resp: 185281
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.2



#4
Vinyl Chloride
Concen: 50.883 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.018 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Tgt Ion: 62 Resp: 225507
Ion Ratio Lower Upper
62 100
64 31.8 24.3 36.5

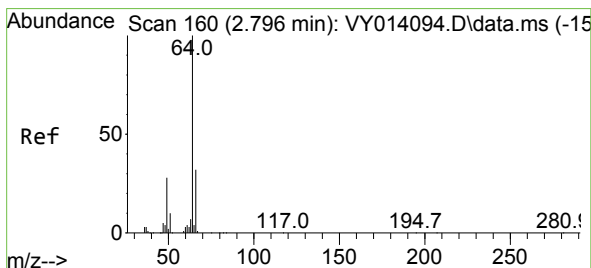
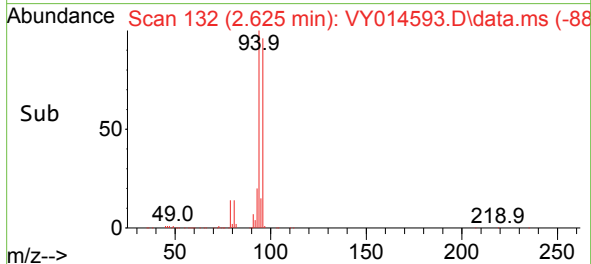
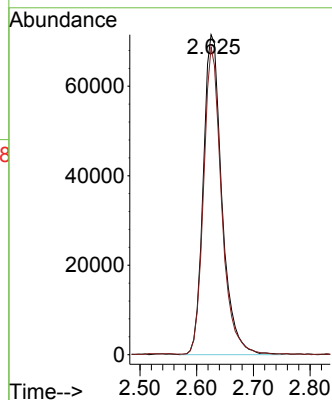
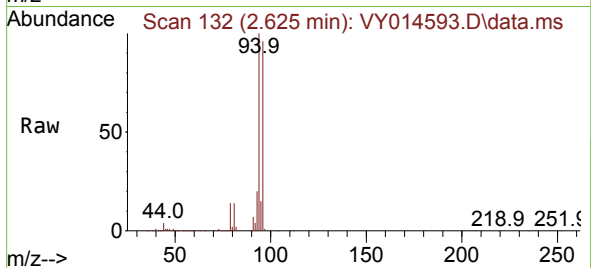




#5
Bromomethane
Concen: 47.581 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.030 min
Lab File: VY014593.D
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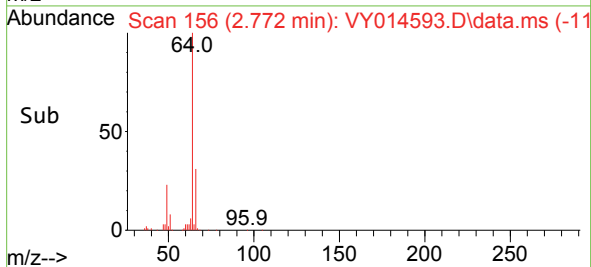
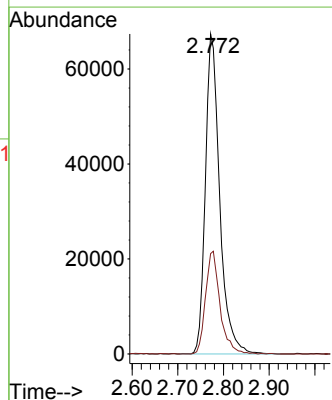
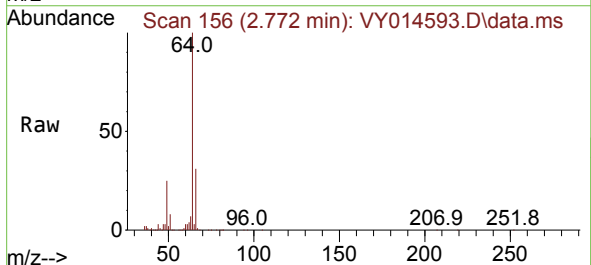
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MSVOA_Y
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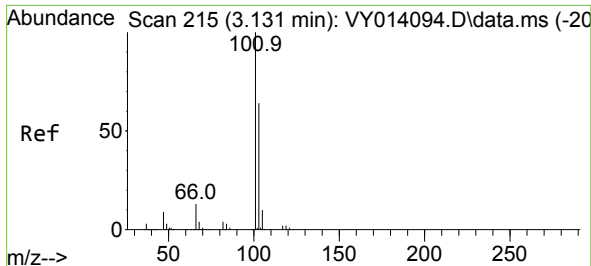
Tgt Ion: 94 Resp: 163517
Ion Ratio Lower Upper
94 100
96 95.8 75.8 113.6



#6
Chloroethane
Concen: 51.243 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.024 min
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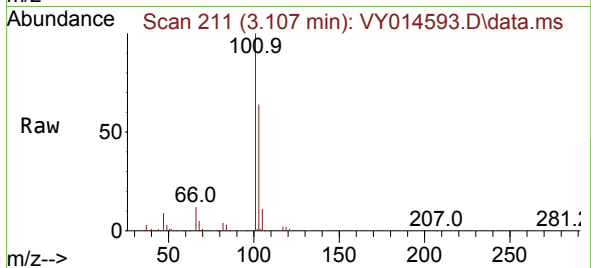
Tgt Ion: 64 Resp: 146229
Ion Ratio Lower Upper
64 100
66 31.3 24.4 36.6



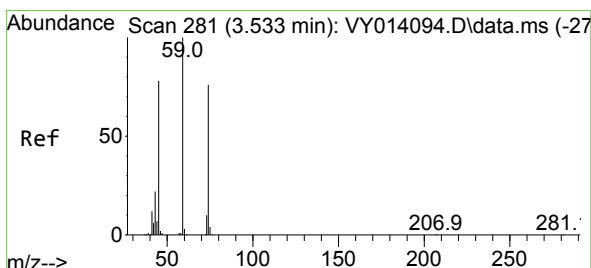
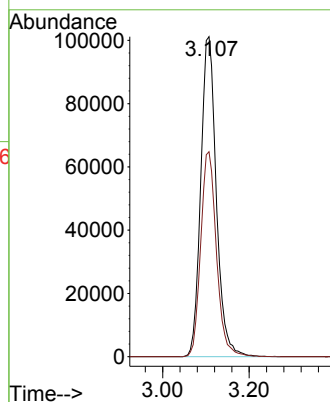
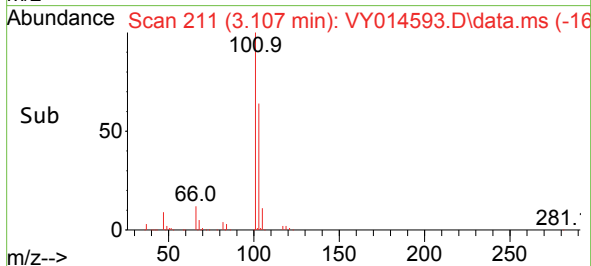


#7
Trichlorofluoromethane
Concen: 46.917 ug/l
RT: 3.107 min Scan# 215
Delta R.T. -0.024 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :

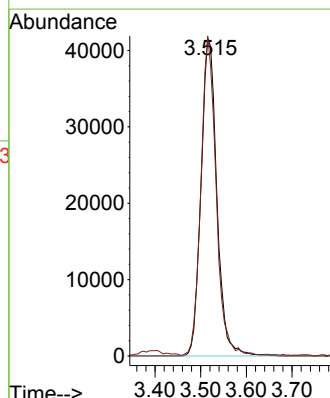
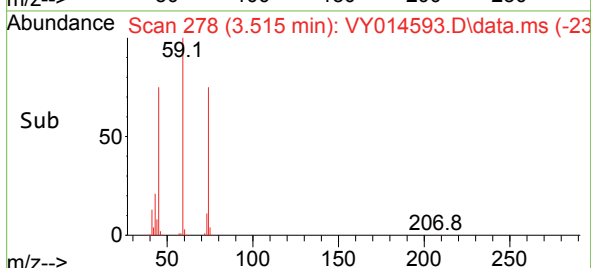
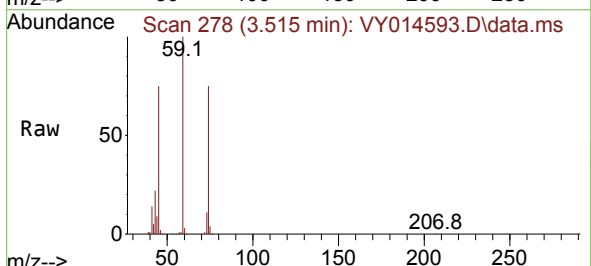


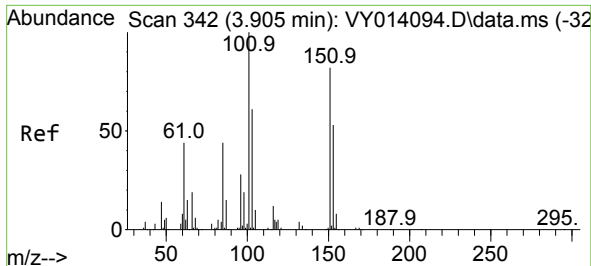
Tgt Ion:101 Resp: 252533
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.0



#8
Diethyl Ether
Concen: 48.932 ug/l
RT: 3.515 min Scan# 278
Delta R.T. -0.018 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Tgt Ion: 74 Resp: 99728
Ion Ratio Lower Upper
74 100
45 95.9 51.5 154.5

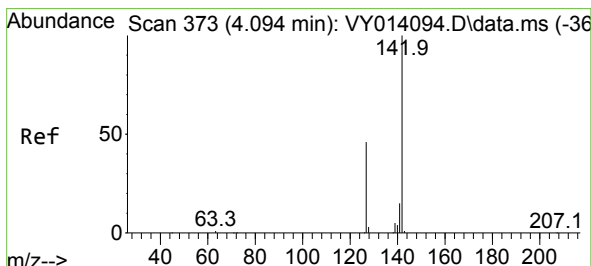
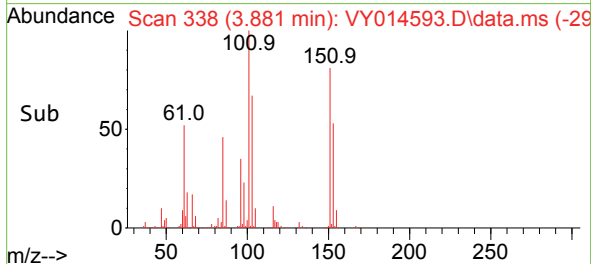
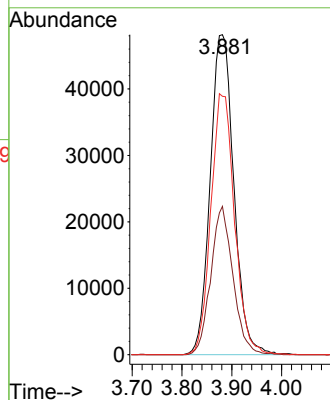
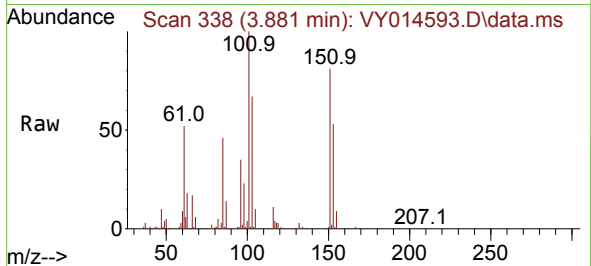




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.452 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.024 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

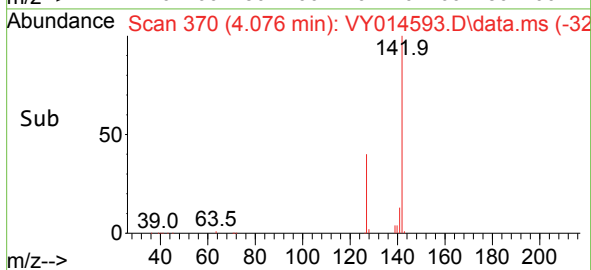
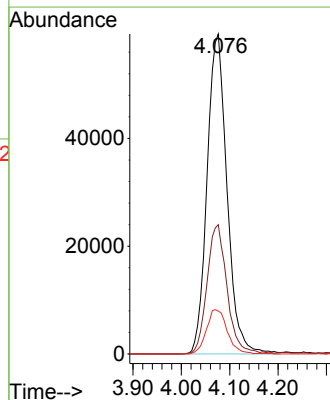
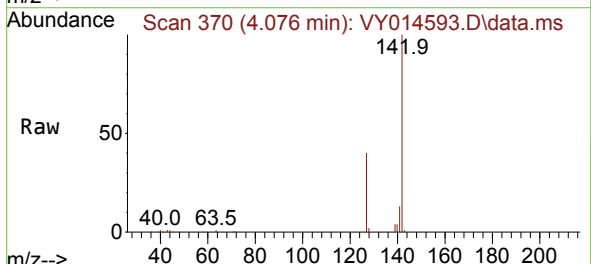
Instrument :
MSVOA_Y
ClientSampleId :

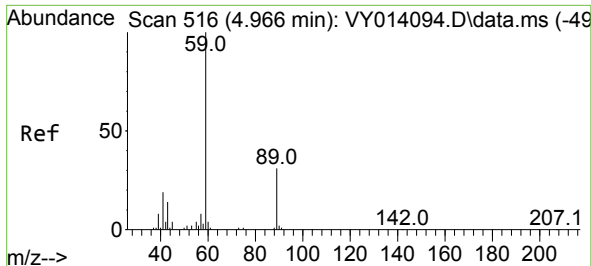
Tgt Ion:101 Resp: 158956
Ion Ratio Lower Upper
101 100
85 43.5 36.6 55.0
151 81.7 67.0 100.6



#10
Methyl Iodide
Concen: 46.354 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.018 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

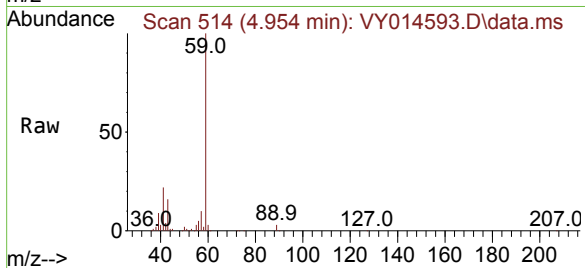
Tgt Ion:142 Resp: 170026
Ion Ratio Lower Upper
142 100
127 40.7 37.6 56.4
141 14.5 11.8 17.8



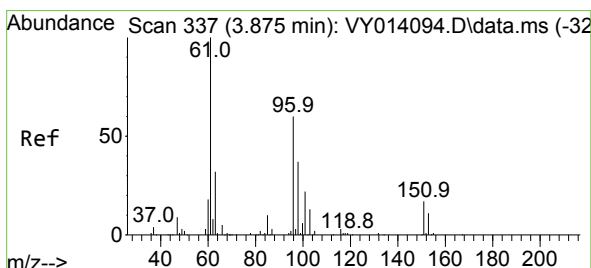
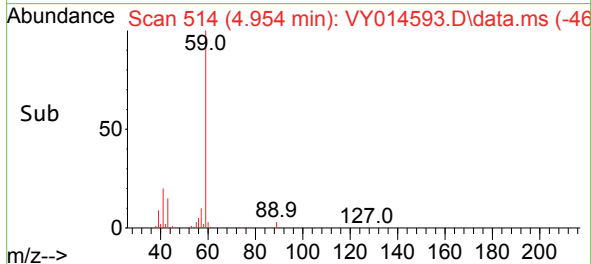
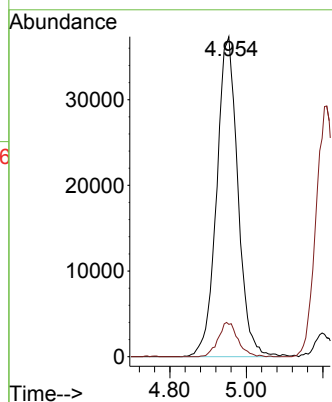


#11
Tert butyl alcohol
Concen: 251.339 ug/l
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :

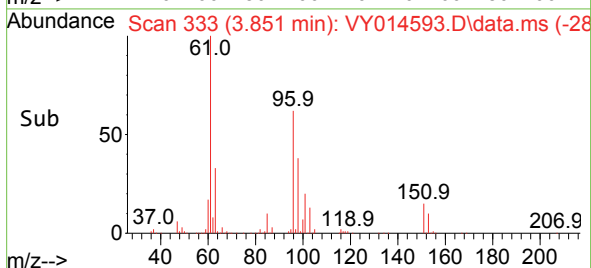
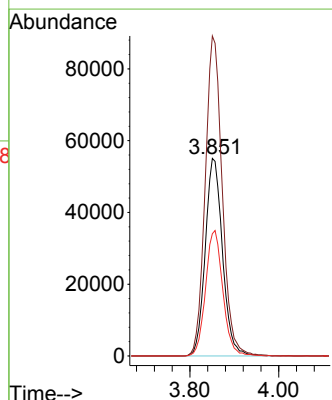
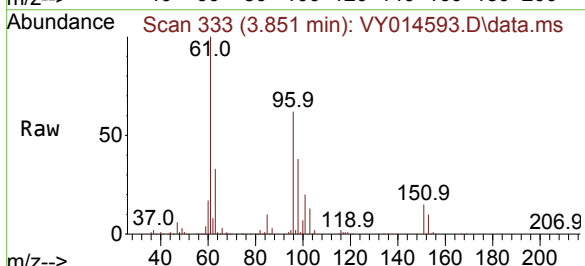


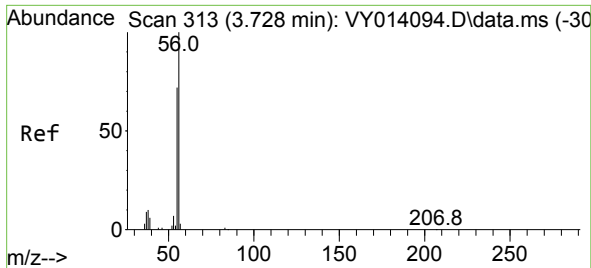
Tgt Ion: 59 Resp: 143766
Ion Ratio Lower Upper
59 100
57 9.8 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.959 ug/l
RT: 3.851 min Scan# 333
Delta R.T. -0.024 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

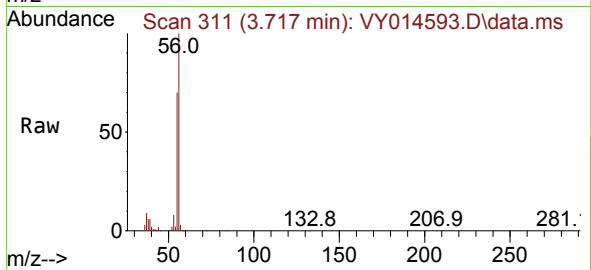
Tgt Ion: 96 Resp: 149341
Ion Ratio Lower Upper
96 100
61 162.0 136.4 204.6
98 61.8 49.4 74.2



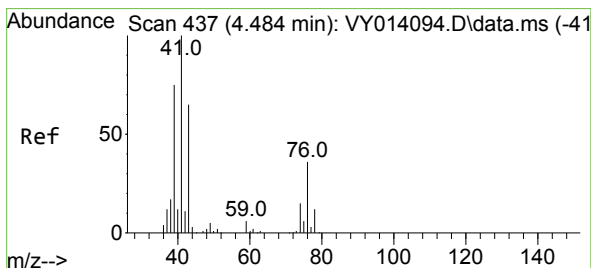
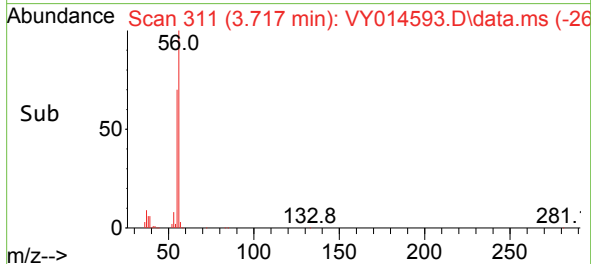
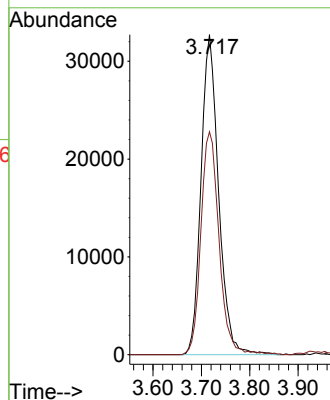


#13
Acrolein
Concen: 188.233 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.011 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :

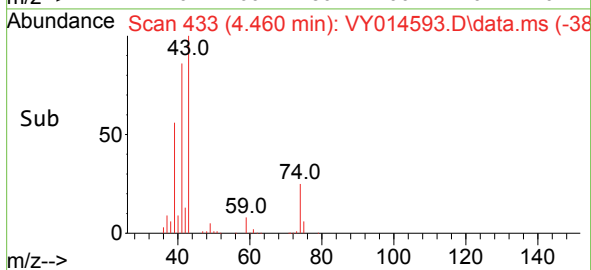
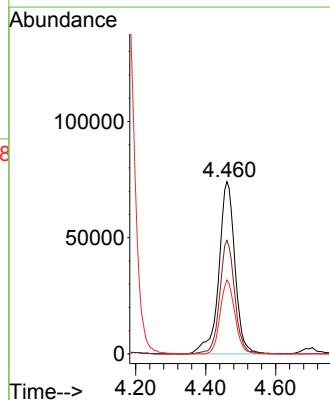
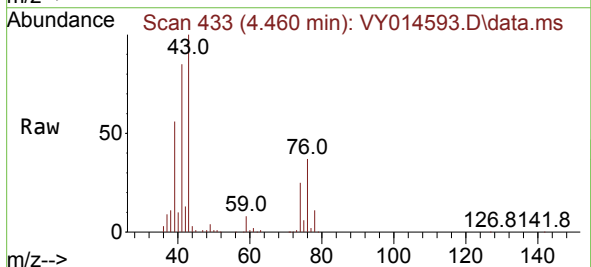


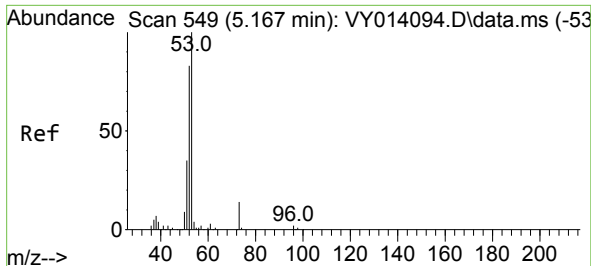
Tgt Ion: 56 Resp: 82509
Ion Ratio Lower Upper
56 100
55 72.2 57.0 85.4



#14
Allyl chloride
Concen: 50.629 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.024 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

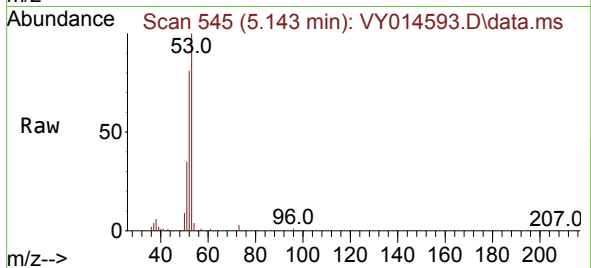
Tgt Ion: 41 Resp: 237628
Ion Ratio Lower Upper
41 100
39 61.6 58.0 87.0
76 39.1 27.4 41.2



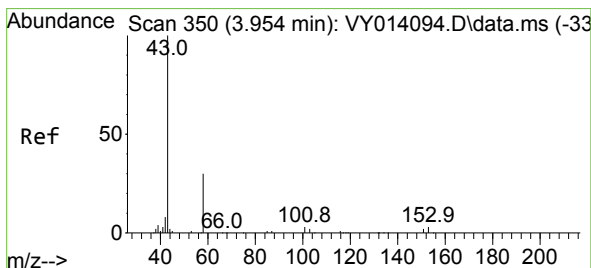
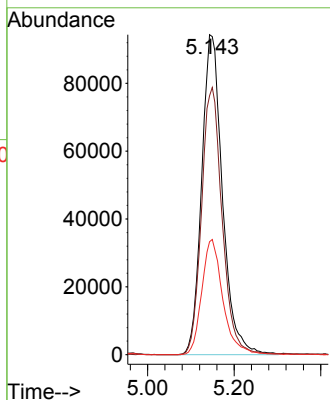
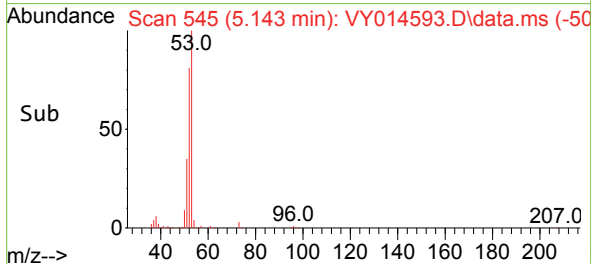


#15
Acrylonitrile
Concen: 268.862 ug/l
RT: 5.143 min Scan# 549
Delta R.T. -0.024 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :

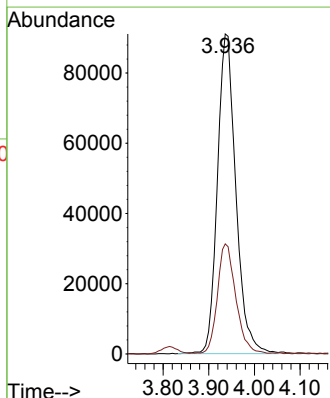
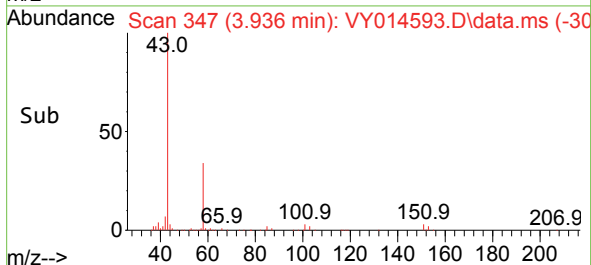
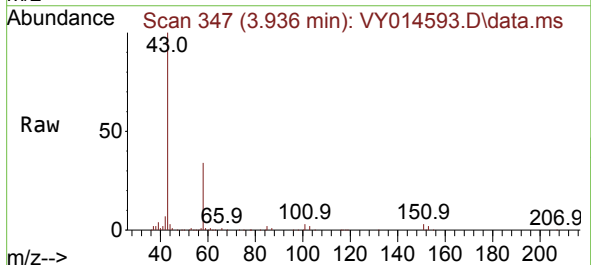


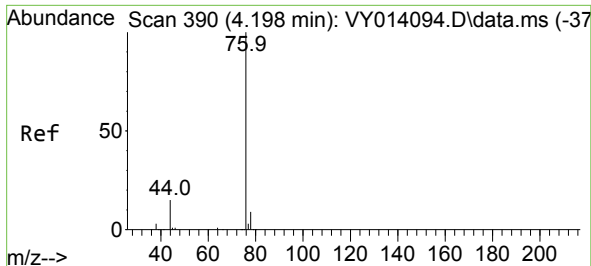
Tgt Ion: 53 Resp: 314566
Ion Ratio Lower Upper
53 100
52 82.8 66.9 100.3
51 36.6 29.8 44.6



#16
Acetone
Concen: 247.606 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.018 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

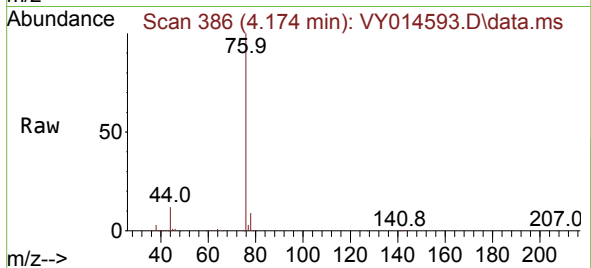
Tgt Ion: 43 Resp: 255375
Ion Ratio Lower Upper
43 100
58 34.1 22.7 34.1#



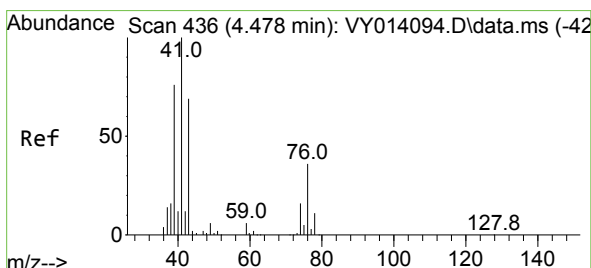
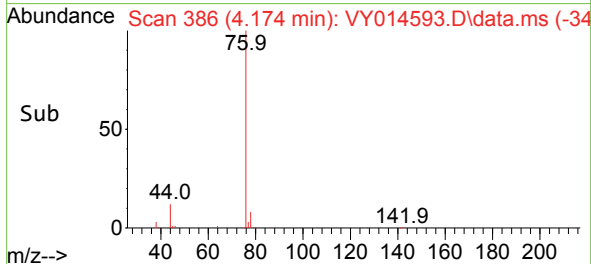
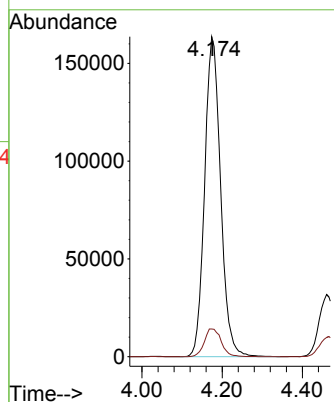


#17
Carbon Disulfide
Concen: 47.623 ug/l
RT: 4.174 min Scan# 31
Delta R.T. -0.024 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :

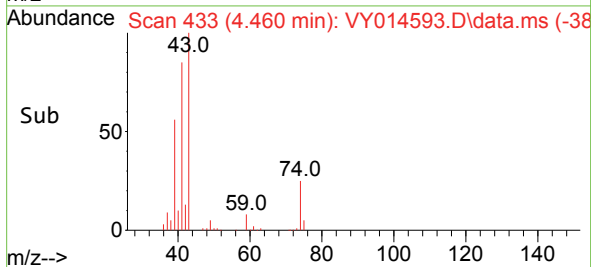
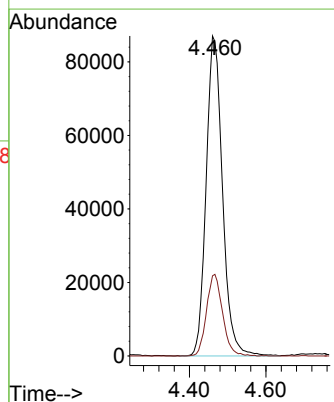
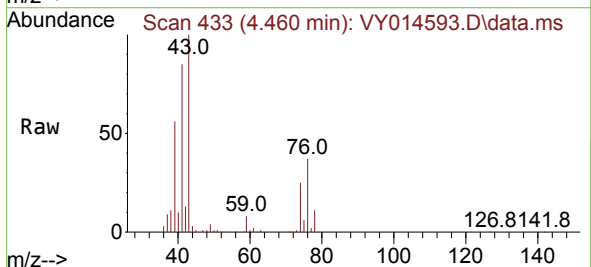


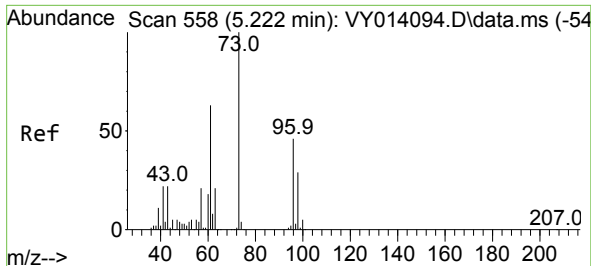
Tgt Ion: 76 Resp: 451912
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 55.136 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.018 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Tgt Ion: 43 Resp: 258863
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 52.069 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

Instrument :

MSVOA_Y

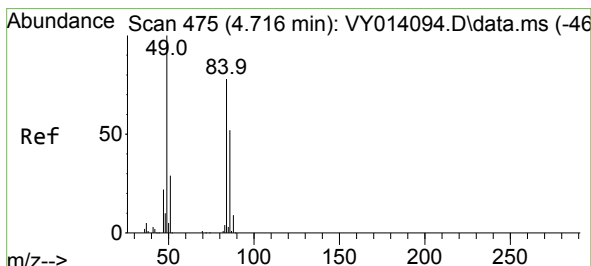
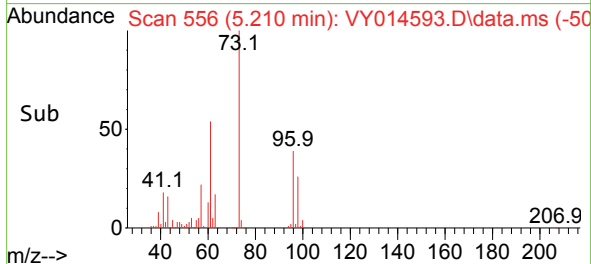
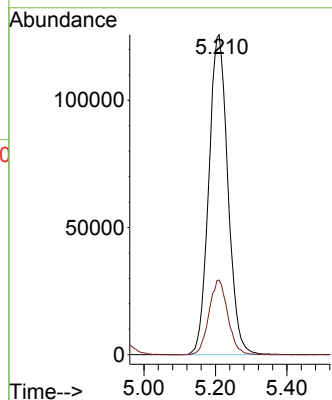
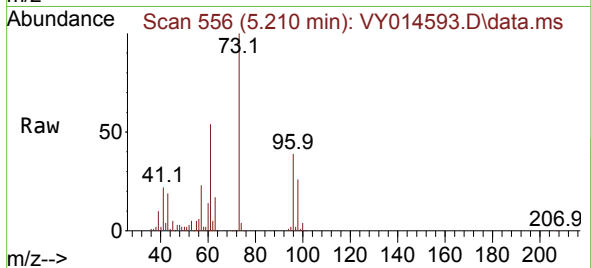
ClientSampleId :

Tgt Ion: 73 Resp: 465996

Ion Ratio Lower Upper

73 100

57 23.3 17.3 25.9



#20

Methylene Chloride

Concen: 54.498 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.018 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

Tgt Ion: 84 Resp: 201206

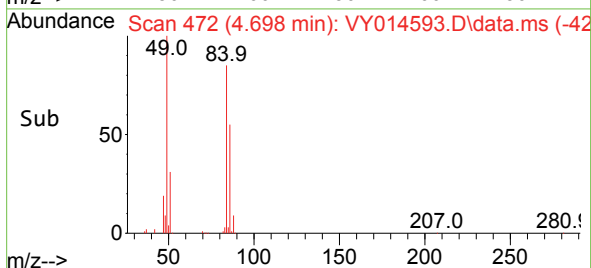
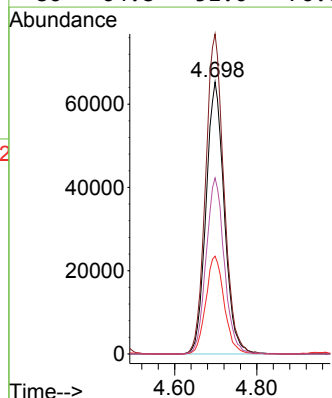
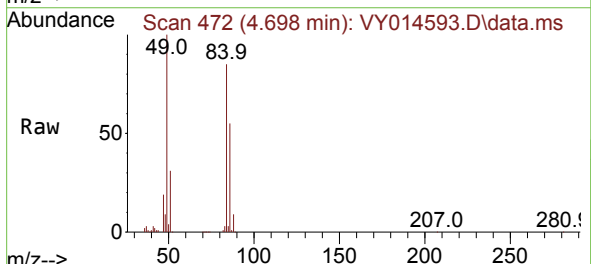
Ion Ratio Lower Upper

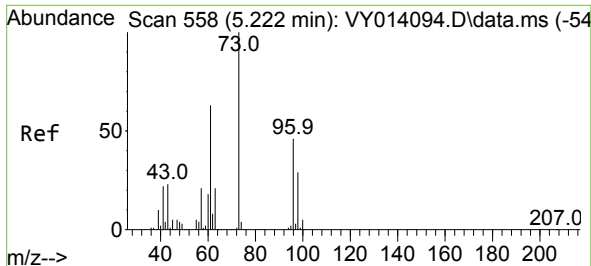
84 100

49 117.7 106.9 160.3

51 36.0 33.2 49.8

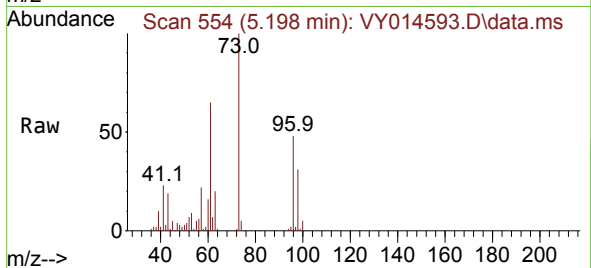
86 64.8 51.0 76.6



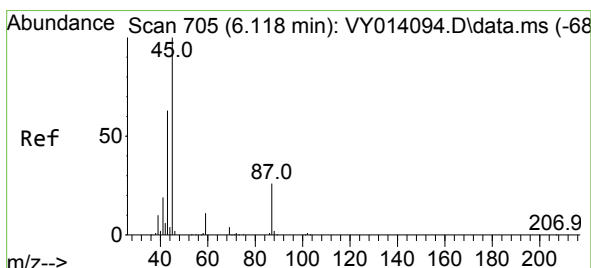
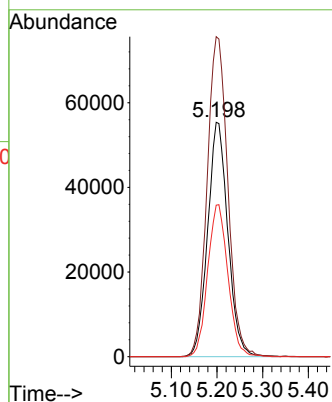
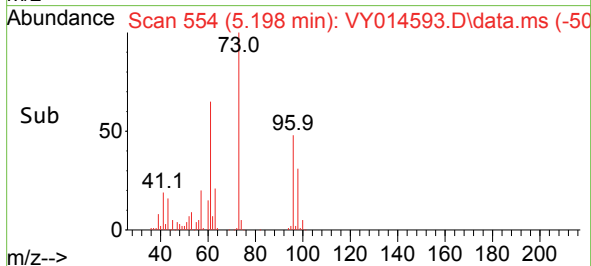


#21
trans-1,2-Dichloroethene
Concen: 48.203 ug/l
RT: 5.198 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :

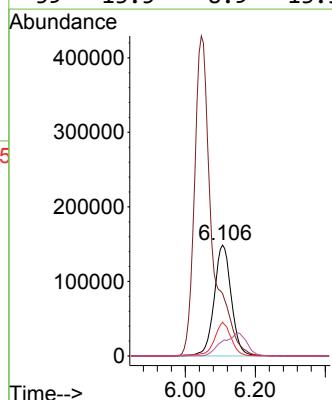
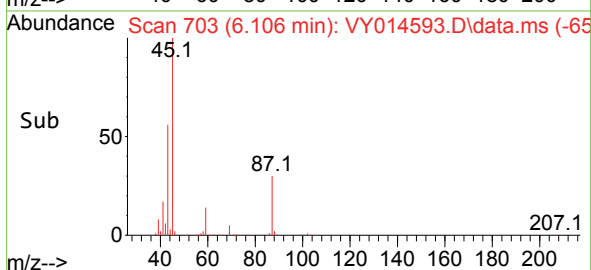
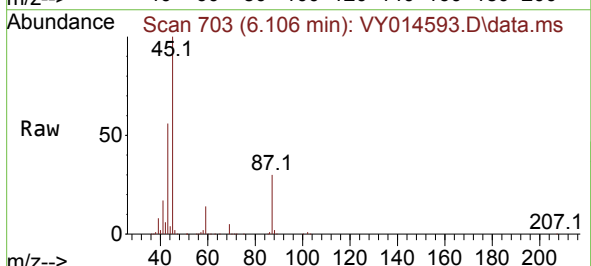


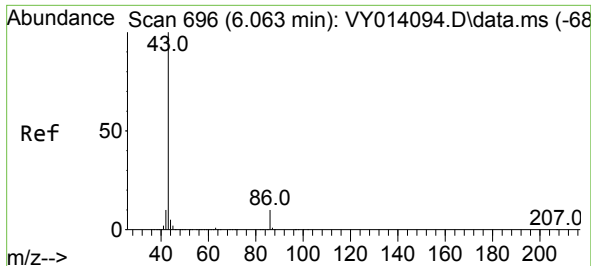
Tgt Ion: 96 Resp: 169905
Ion Ratio Lower Upper
96 100
61 136.5 110.2 165.4
98 64.6 51.8 77.6



#22
Diisopropyl ether
Concen: 52.148 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.012 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

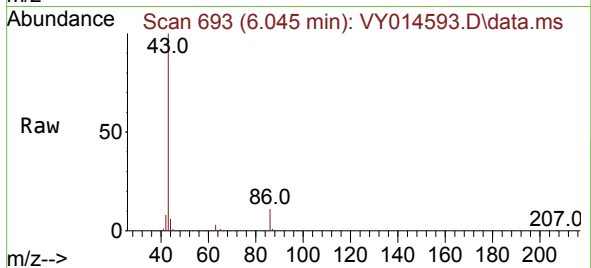
Tgt Ion: 45 Resp: 504324
Ion Ratio Lower Upper
45 100
43 56.0 52.2 78.4
87 30.5 21.0 31.6
59 13.5 8.9 13.3#



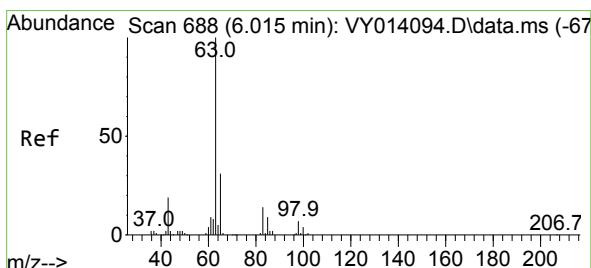
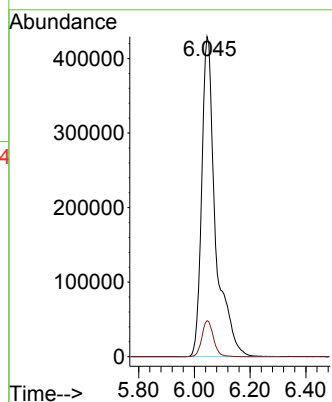
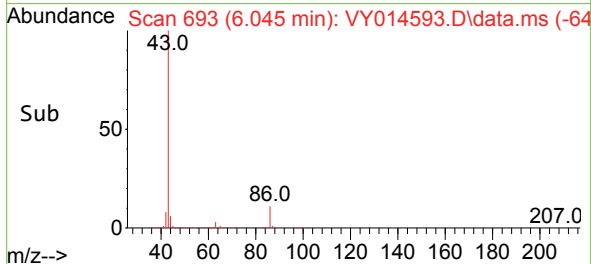


#23
 Vinyl Acetate
 Concen: 264.074 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. -0.018 min
 Lab File: VY014593.D
 Acq: 06 Jul 2023 17:07

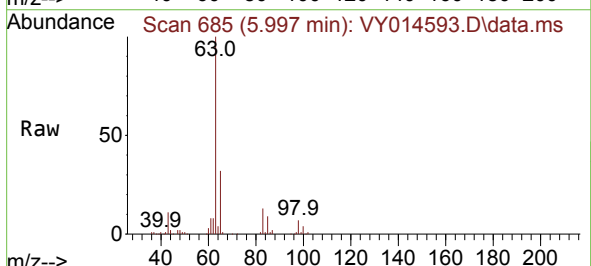
Instrument :
 MSVOA_Y
 ClientSampleId :



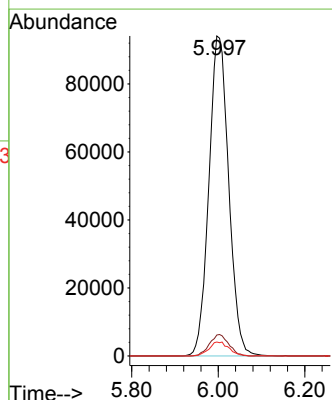
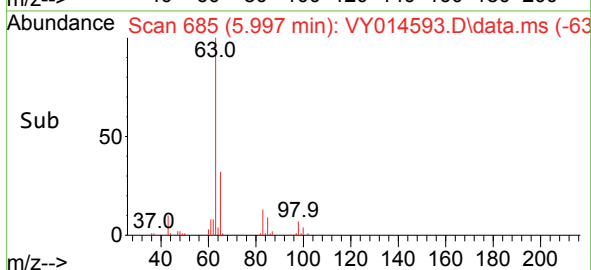
Tgt Ion: 43 Resp: 1477572
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3

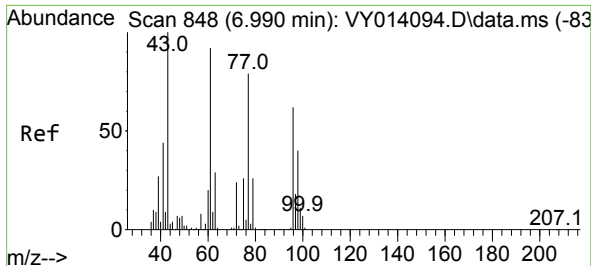


#24
 1,1-Dichloroethane
 Concen: 49.219 ug/l
 RT: 5.997 min Scan# 685
 Delta R.T. -0.018 min
 Lab File: VY014593.D
 Acq: 06 Jul 2023 17:07



Tgt Ion: 63 Resp: 298821
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.4
 100 4.4 1.8 5.5





#25

2-Butanone

Concen: 263.528 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

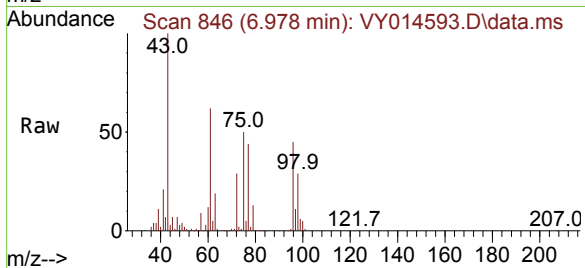
Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

Instrument :

MSVOA_Y

ClientSampleId :

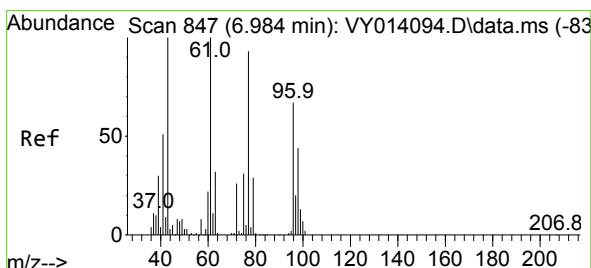
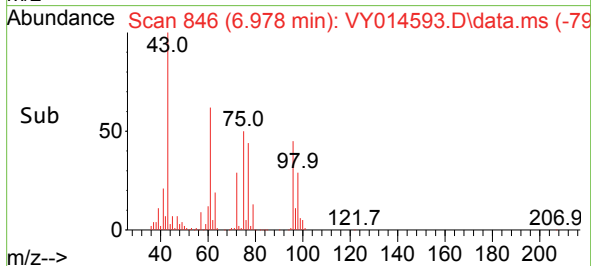
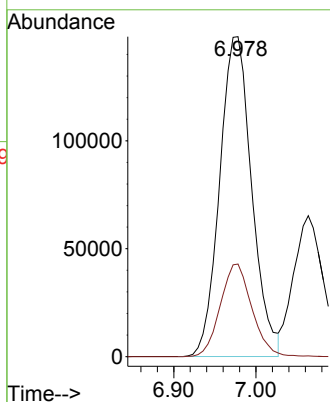


Tgt Ion: 43 Resp: 402445

Ion Ratio Lower Upper

43 100

72 29.0 20.5 30.7



#26

2,2-Dichloropropane

Concen: 43.947 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.018 min

Lab File: VY014593.D

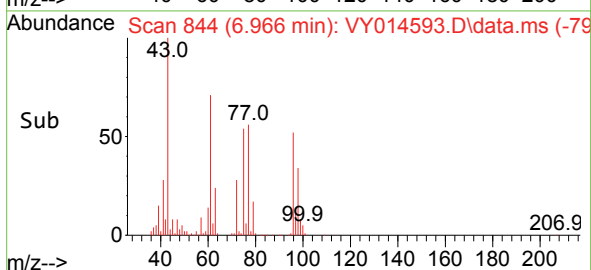
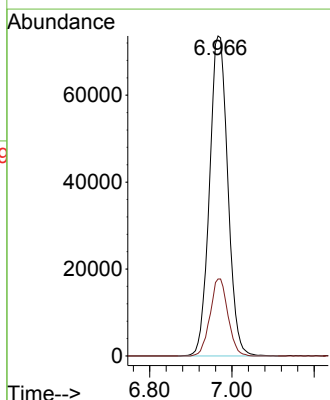
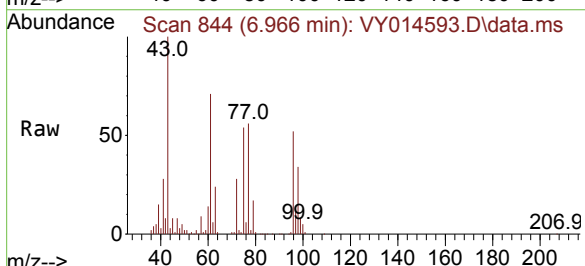
Acq: 06 Jul 2023 17:07

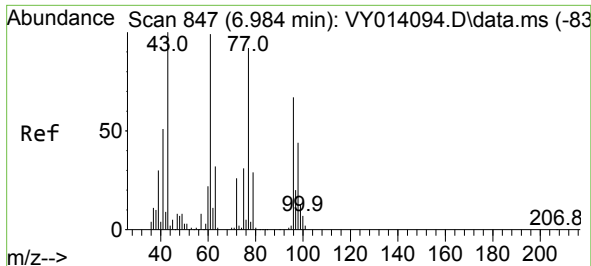
Tgt Ion: 77 Resp: 227422

Ion Ratio Lower Upper

77 100

97 23.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 48.419 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

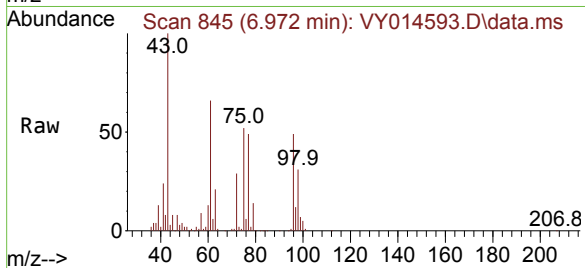
Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

Instrument :

MSVOA_Y

ClientSampleId :



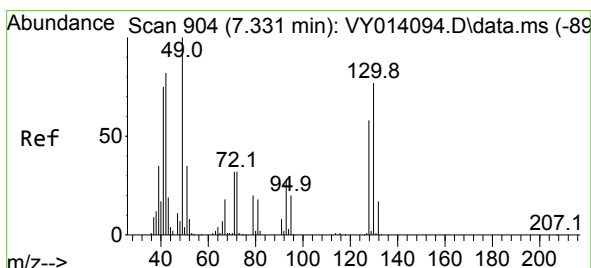
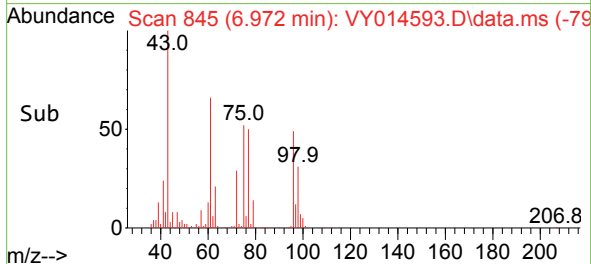
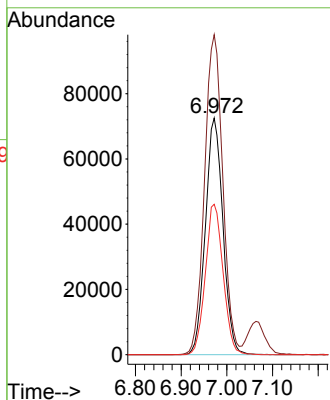
Tgt Ion: 96 Resp: 193596

Ion Ratio Lower Upper

96 100

61 139.9 0.0 301.4

98 64.2 0.0 130.4



#28

Bromochloromethane

Concen: 50.916 ug/l

RT: 7.320 min Scan# 902

Delta R.T. -0.011 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

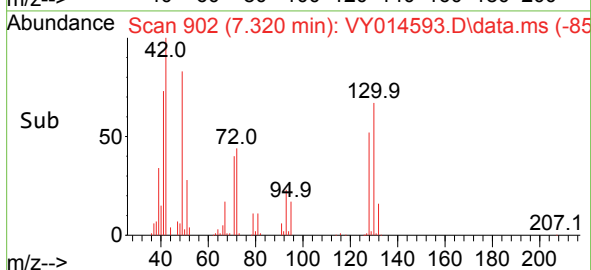
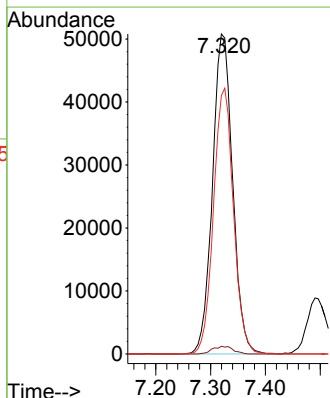
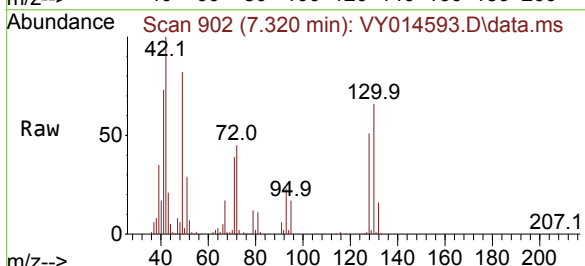
Tgt Ion: 49 Resp: 129802

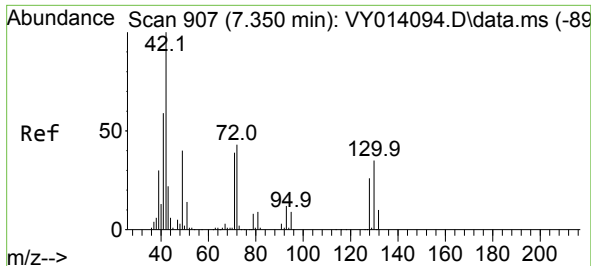
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 82.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 278.926 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

Instrument :

MSVOA_Y

ClientSampleId :

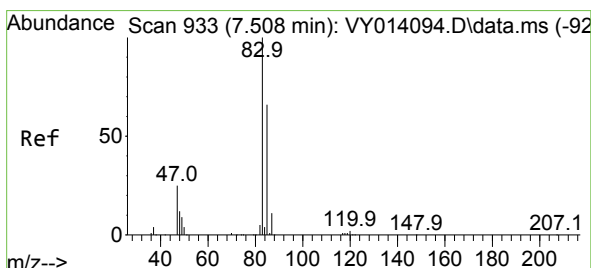
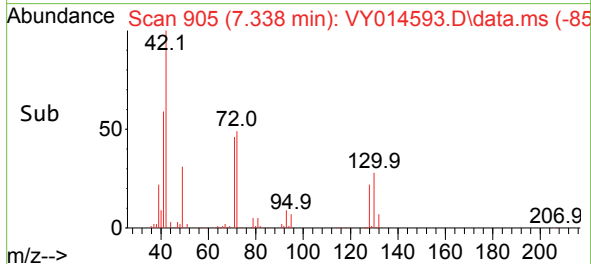
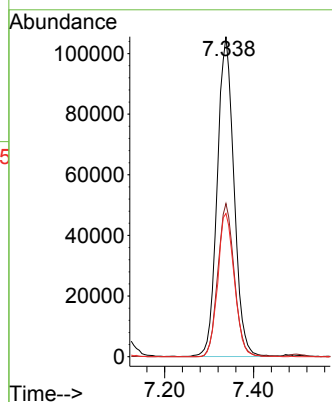
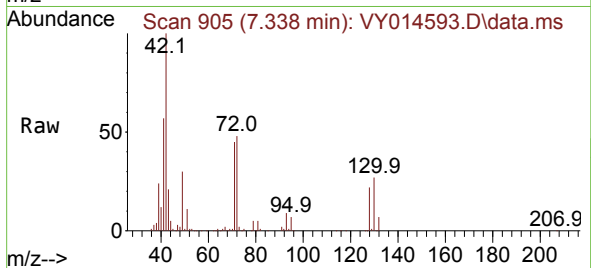
Tgt Ion: 42 Resp: 274753

Ion Ratio Lower Upper

42 100

72 47.1 32.8 49.2

71 44.5 31.0 46.4



#30

Chloroform

Concen: 48.980 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.012 min

Lab File: VY014593.D

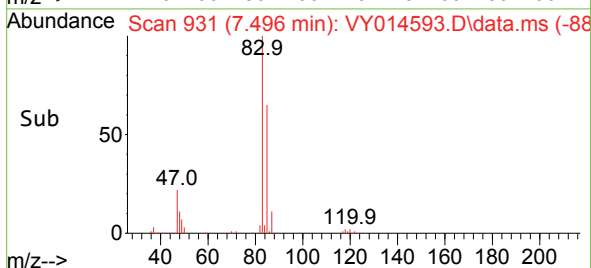
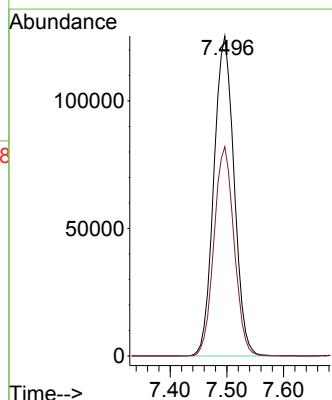
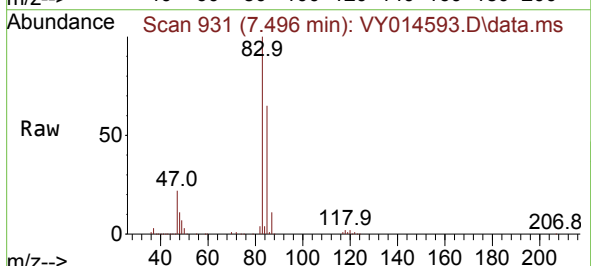
Acq: 06 Jul 2023 17:07

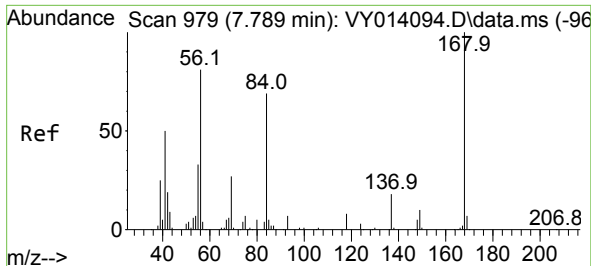
Tgt Ion: 83 Resp: 310207

Ion Ratio Lower Upper

83 100

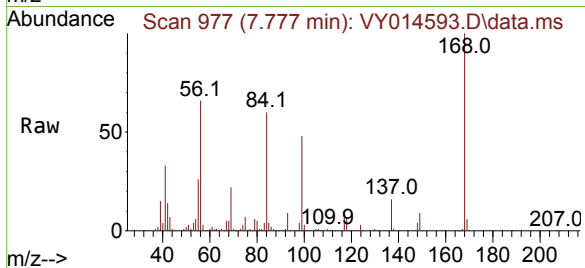
85 65.4 49.7 74.5



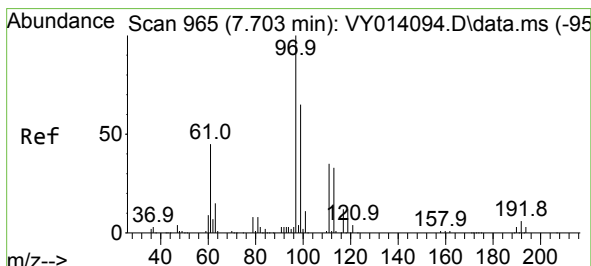
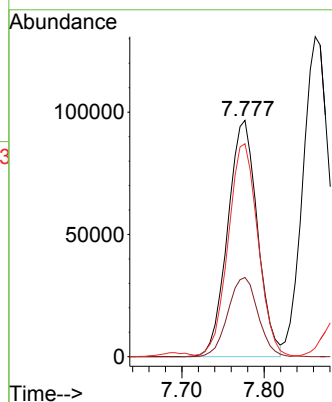
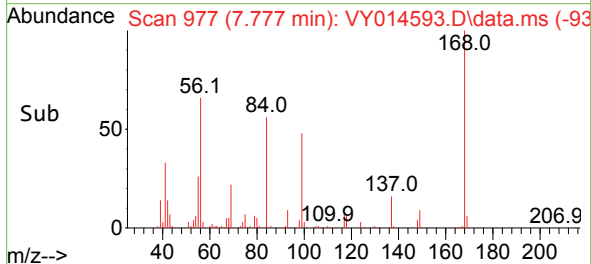


#31
Cyclohexane
Concen: 46.996 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

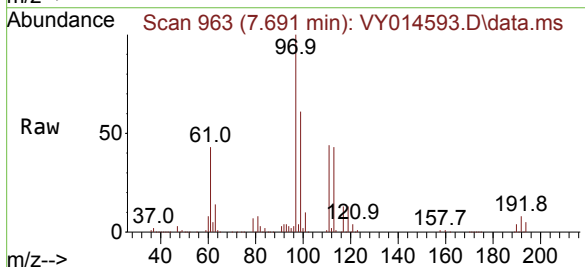
Instrument :
MSVOA_Y
ClientSampleId :



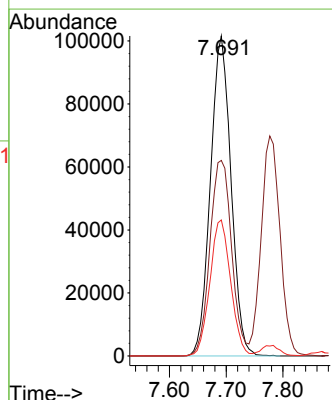
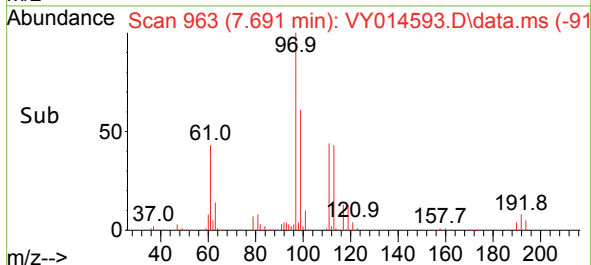
Tgt Ion: 56 Resp: 243506
Ion Ratio Lower Upper
56 100
69 33.5 27.8 41.6
84 88.9 66.4 99.6

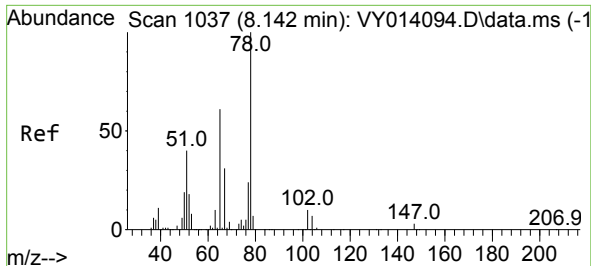


#32
1,1,1-Trichloroethane
Concen: 47.242 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.012 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07



Tgt Ion: 97 Resp: 255746
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 43.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 55.662 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.012 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

Instrument :

MSVOA_Y

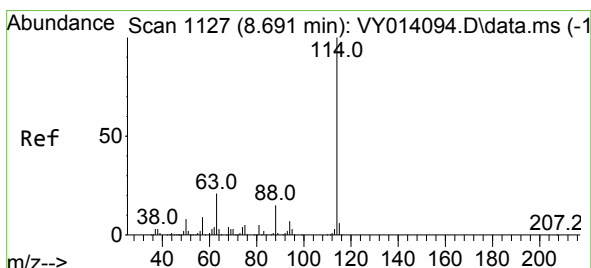
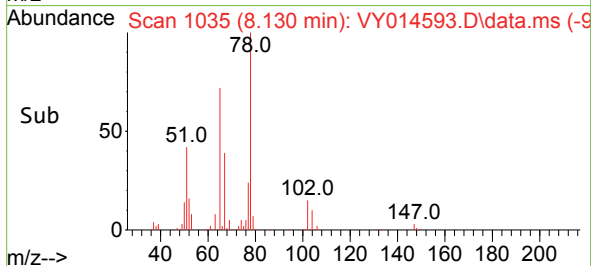
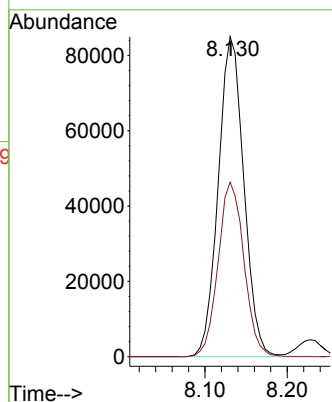
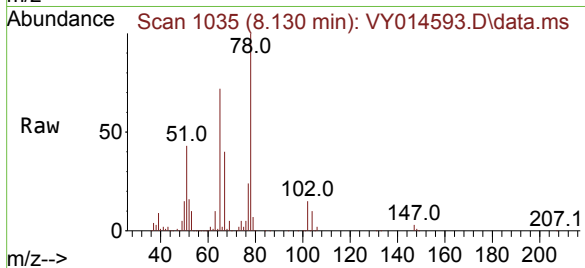
ClientSampleId :

Tgt Ion: 65 Resp: 183830

Ion Ratio Lower Upper

65 100

67 55.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.012 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

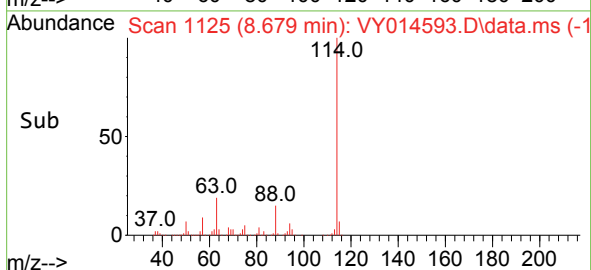
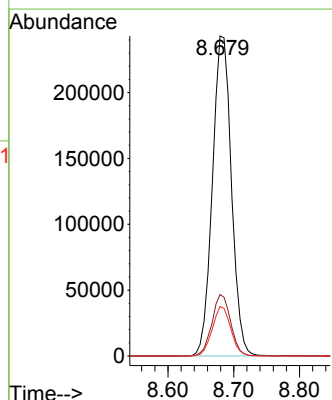
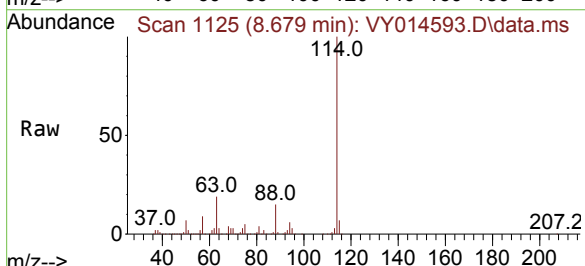
Tgt Ion: 114 Resp: 488468

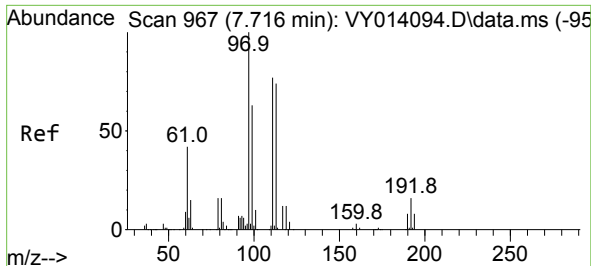
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.329 ug/l

RT: 7.704 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

Instrument :

MSVOA_Y

ClientSampleId :

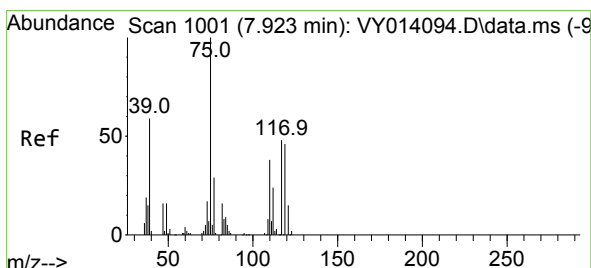
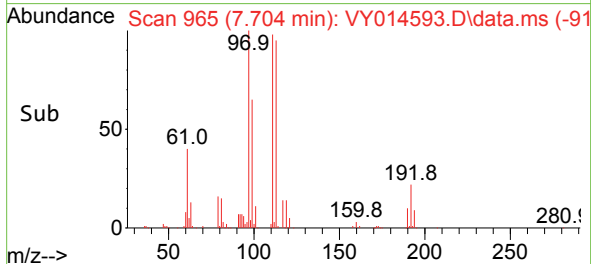
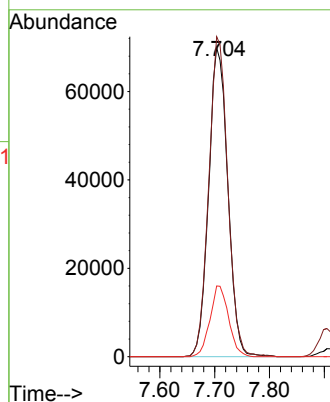
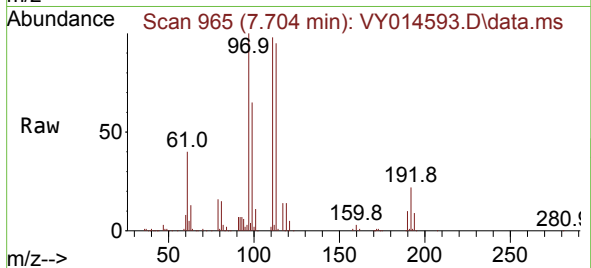
Tgt Ion:113 Resp: 169438

Ion Ratio Lower Upper

113 100

111 102.6 81.3 121.9

192 22.3 16.9 25.3



#36

1,1-Dichloropropene

Concen: 49.776 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.018 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

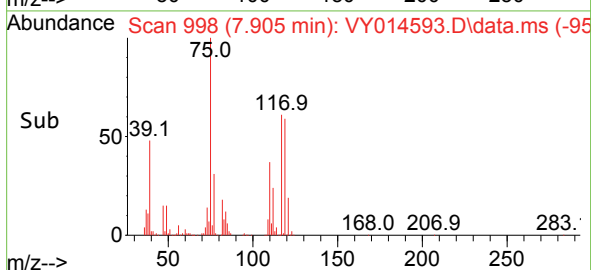
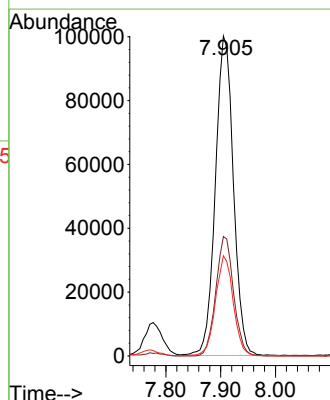
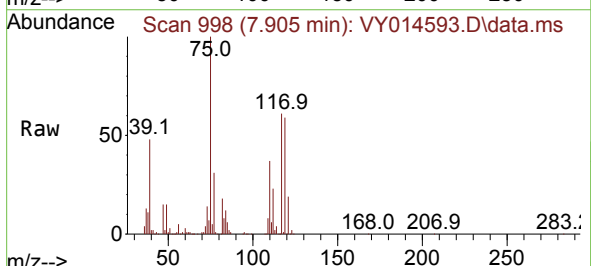
Tgt Ion: 75 Resp: 229294

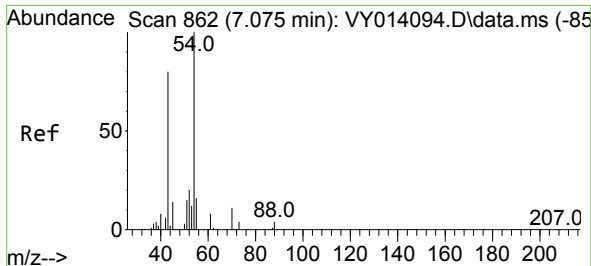
Ion Ratio Lower Upper

75 100

110 36.7 17.8 53.5

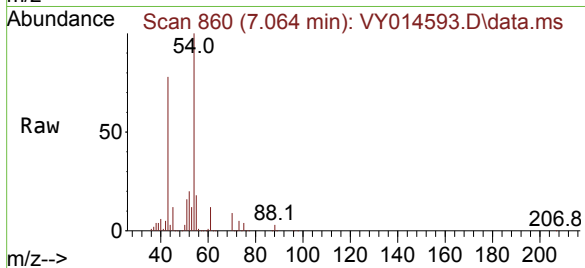
77 30.6 24.4 36.6



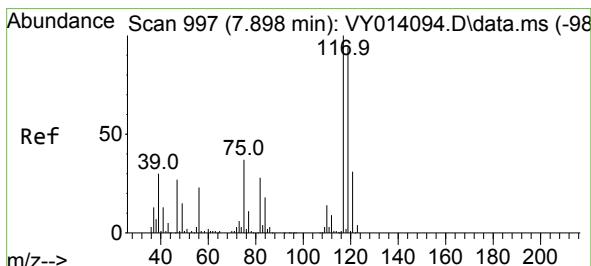
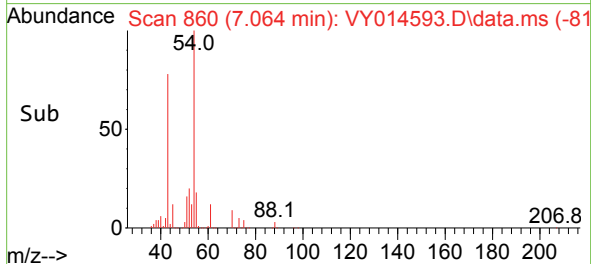
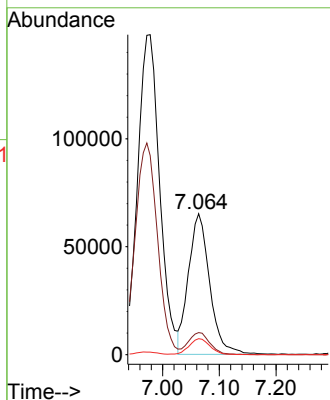


#37
Ethyl Acetate
Concen: 53.695 ug/l
RT: 7.064 min Scan# 80
Delta R.T. -0.011 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :

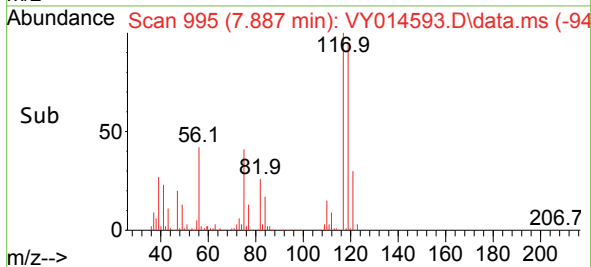
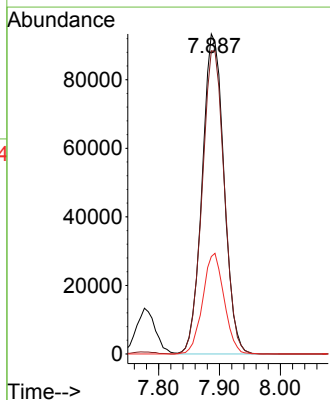
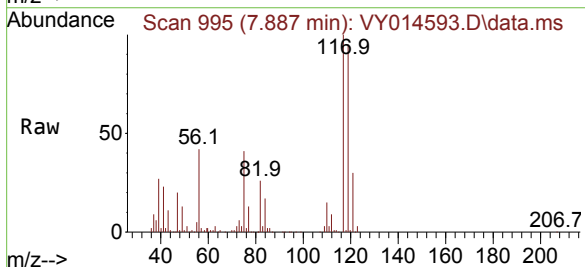


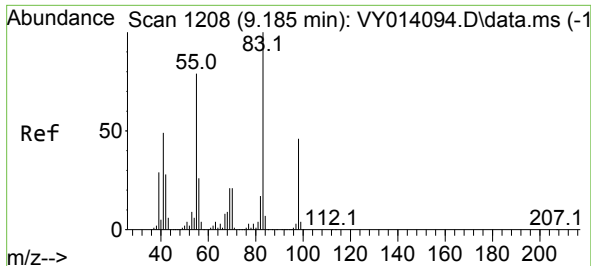
Tgt Ion: 43 Resp: 169630
Ion Ratio Lower Upper
43 100
61 16.2 10.1 15.1#
70 11.3 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 48.221 ug/l
RT: 7.887 min Scan# 995
Delta R.T. -0.011 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Tgt Ion: 117 Resp: 231882
Ion Ratio Lower Upper
117 100
119 94.8 76.4 114.6
121 30.5 25.8 38.6





#39

Methylcyclohexane

Concen: 50.034 ug/l

RT: 9.173 min Scan# 11

Delta R.T. -0.012 min

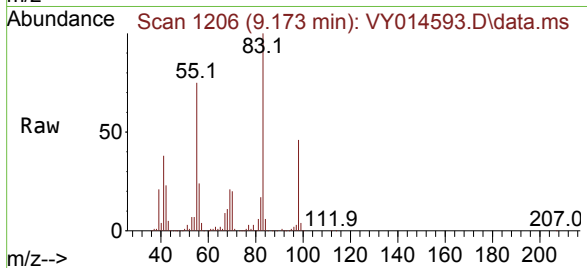
Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

Instrument :

MSVOA_Y

ClientSampleId :



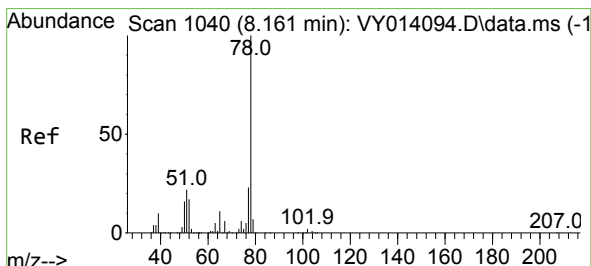
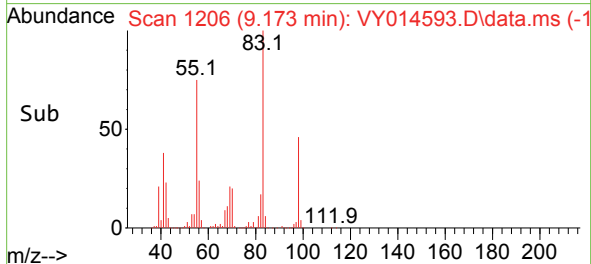
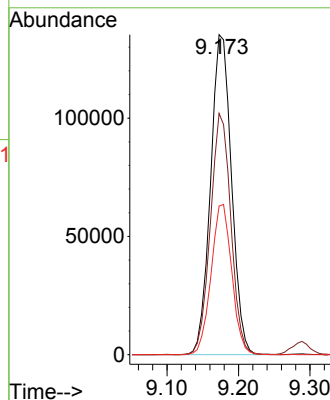
Tgt Ion: 83 Resp: 275491

Ion Ratio Lower Upper

83 100

55 75.4 63.0 94.4

98 46.5 37.4 56.2



#40

Benzene

Concen: 48.454 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.012 min

Lab File: VY014593.D

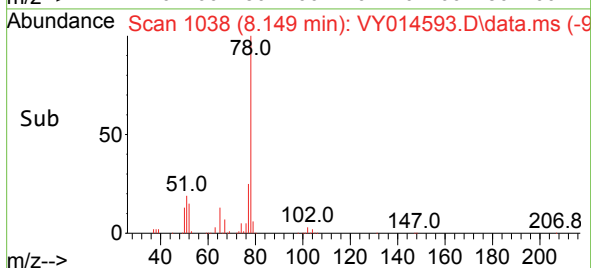
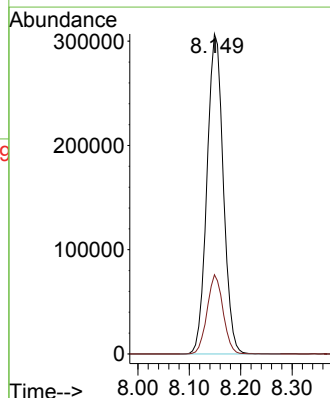
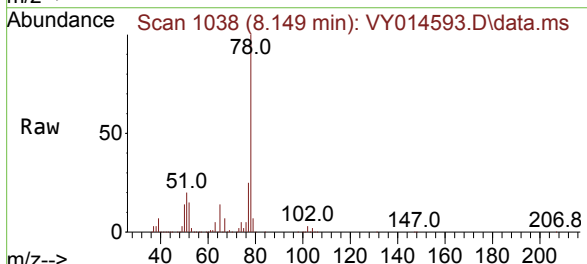
Acq: 06 Jul 2023 17:07

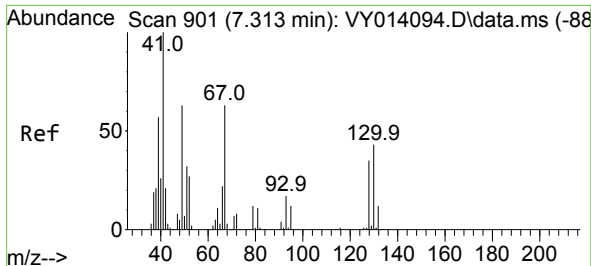
Tgt Ion: 78 Resp: 675636

Ion Ratio Lower Upper

78 100

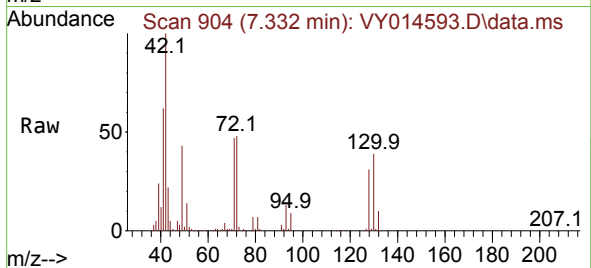
77 24.8 19.0 28.6



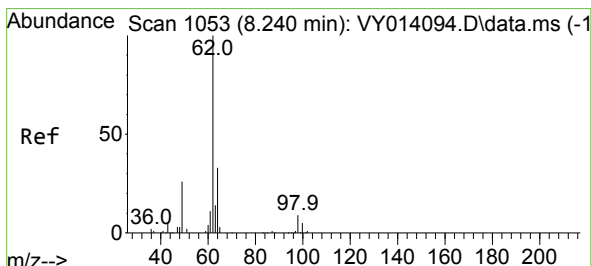
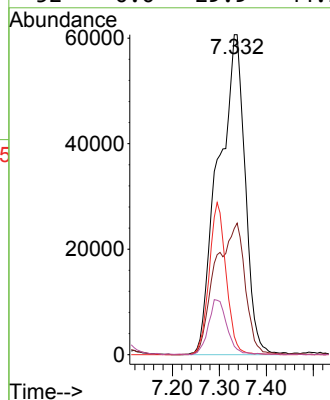
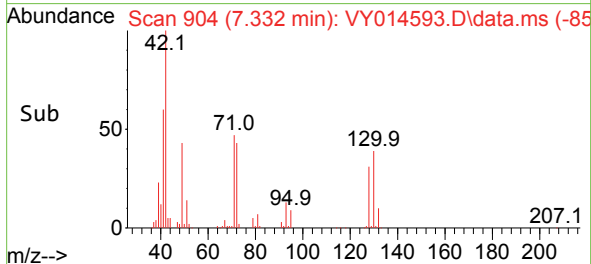


#41
Methacrylonitrile
Concen: 155.503 ug/l
RT: 7.332 min Scan# 901
Delta R.T. 0.019 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :

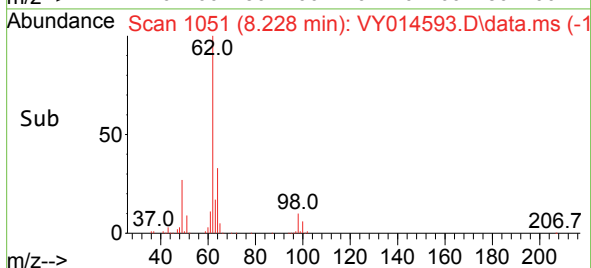
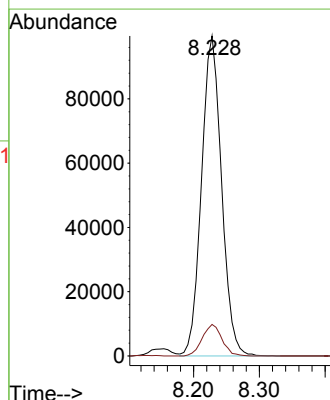
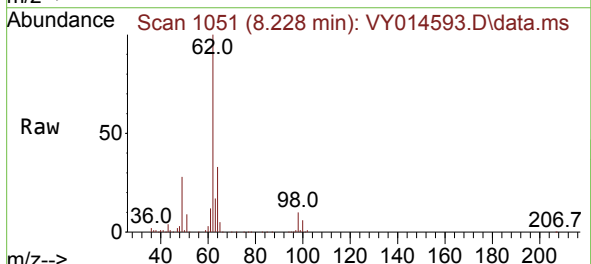


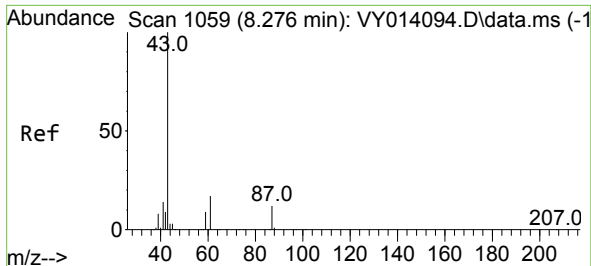
Tgt Ion: 41 Resp: 239995
Ion Ratio Lower Upper
41 100
39 45.5 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 51.624 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.012 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

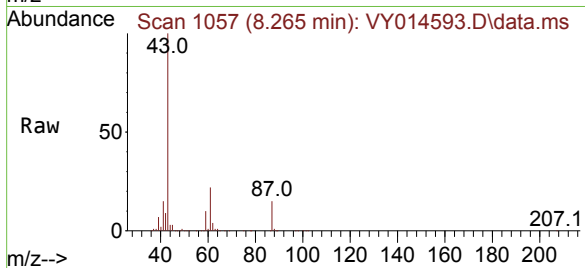
Tgt Ion: 62 Resp: 211580
Ion Ratio Lower Upper
62 100
98 9.7 0.0 15.8



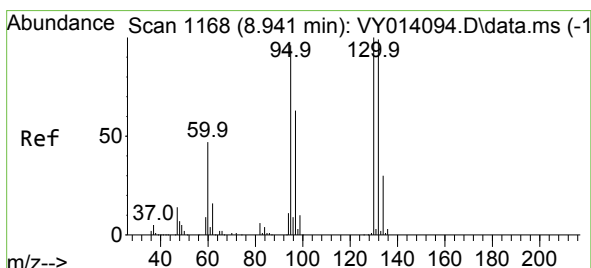
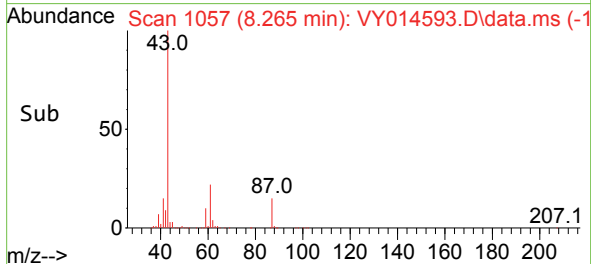
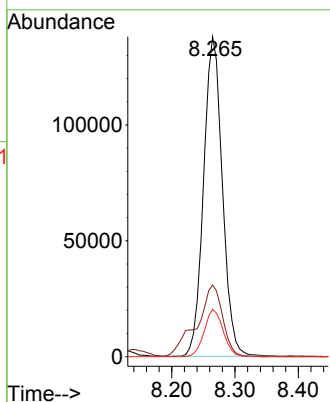


#43
Isopropyl Acetate
Concen: 53.358 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. -0.011 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :

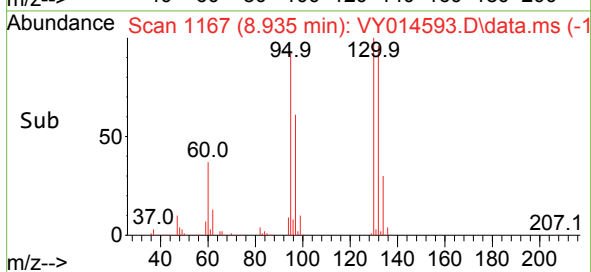
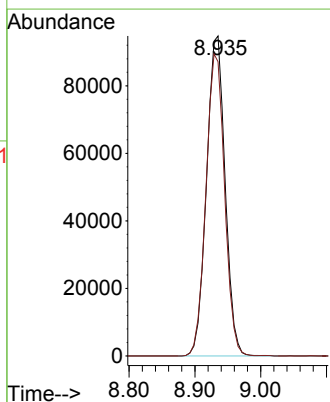
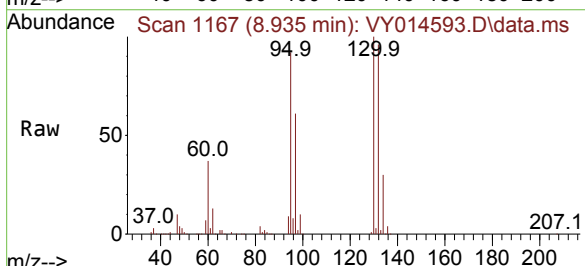


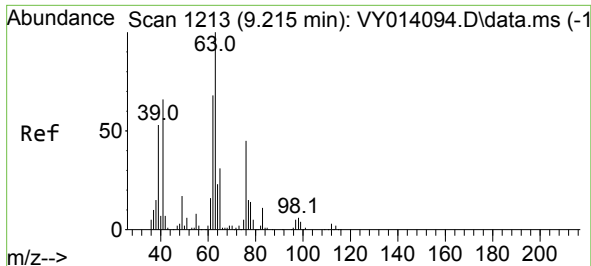
Tgt Ion: 43 Resp: 285663
Ion Ratio Lower Upper
43 100
61 30.9 21.1 31.7
87 14.9 9.8 14.8#



#44
Trichloroethene
Concen: 47.825 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Tgt Ion:130 Resp: 185916
Ion Ratio Lower Upper
130 100
95 92.0 0.0 196.0

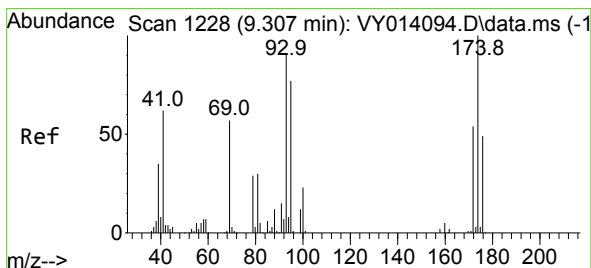
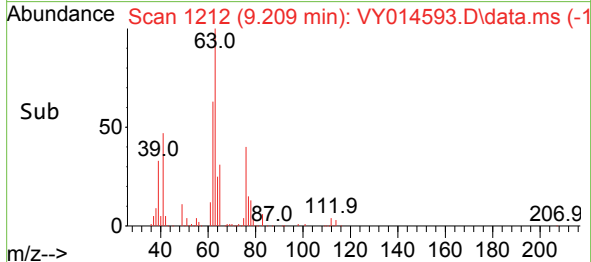
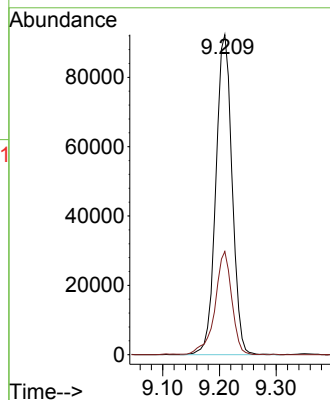
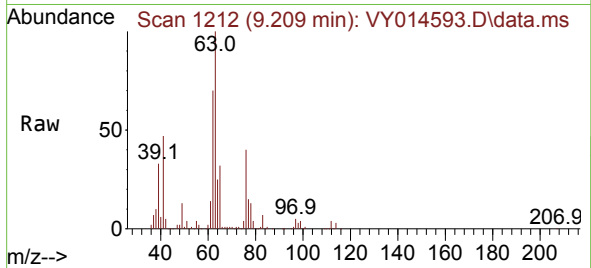




#45
1,2-Dichloropropane
Concen: 51.235 ug/l
RT: 9.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

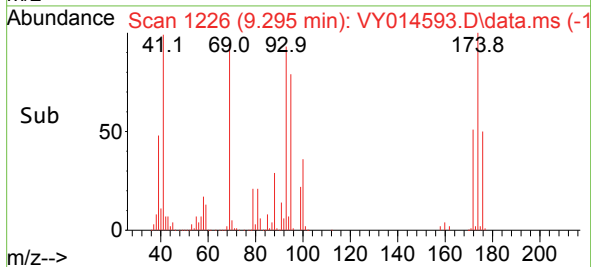
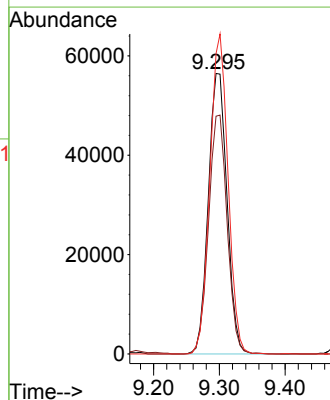
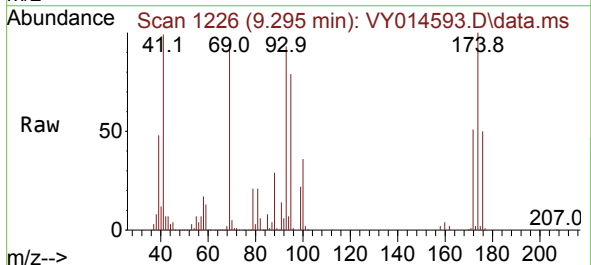
Instrument :
MSVOA_Y
ClientSampleId :

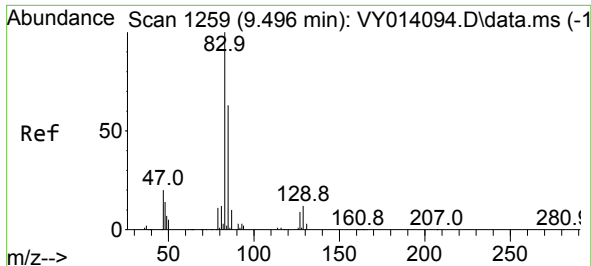
Tgt Ion: 63 Resp: 183274
Ion Ratio Lower Upper
63 100
65 32.3 23.8 35.6



#46
Dibromomethane
Concen: 51.370 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.012 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Tgt Ion: 93 Resp: 111869
Ion Ratio Lower Upper
93 100
95 84.8 66.6 100.0
174 110.9 84.8 127.2

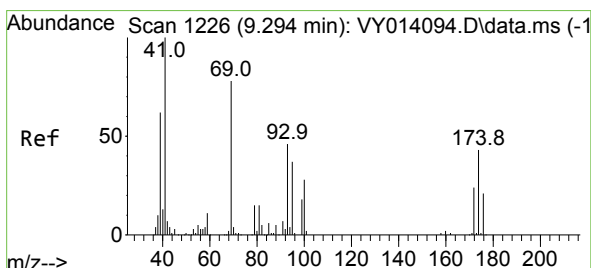
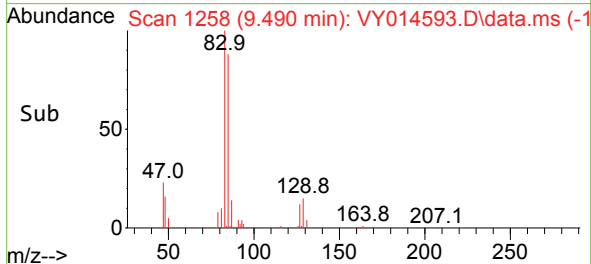
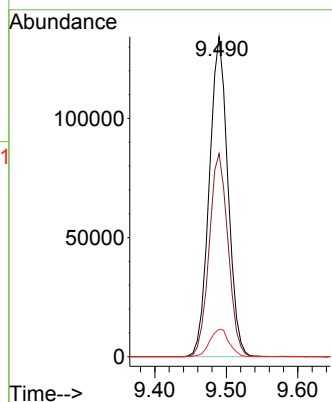
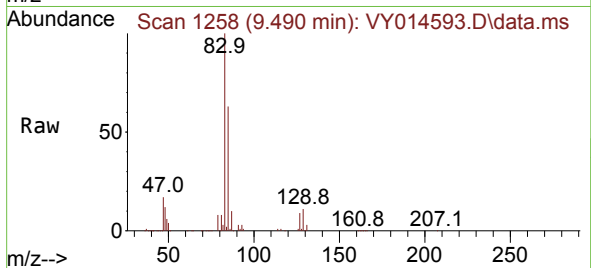




#47
Bromodichloromethane
Concen: 50.486 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

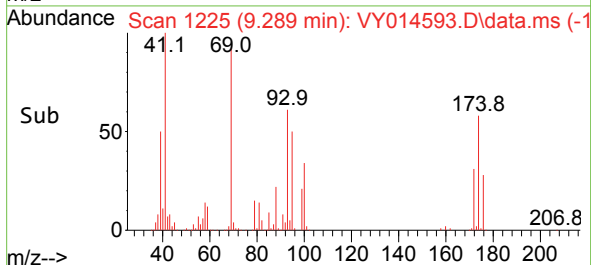
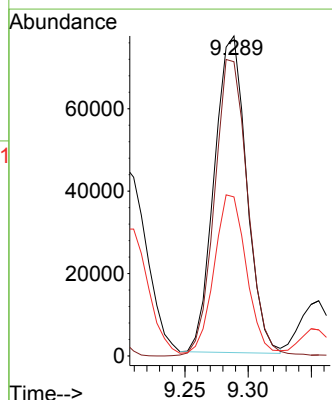
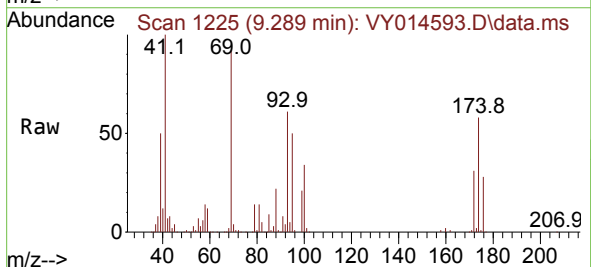
Instrument :
MSVOA_Y
ClientSampleId :

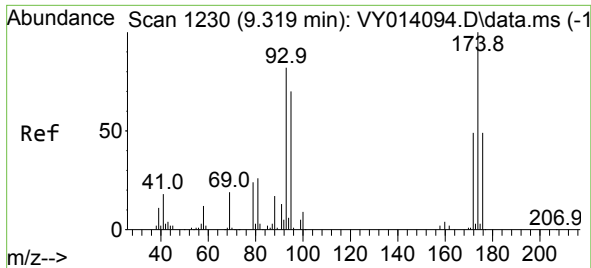
Tgt Ion: 83 Resp: 242245
Ion Ratio Lower Upper
83 100
85 63.5 50.1 75.1
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 56.022 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

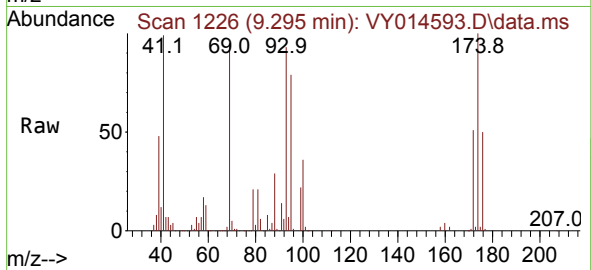
Tgt Ion: 41 Resp: 136389
Ion Ratio Lower Upper
41 100
69 96.5 64.5 96.7
39 49.7 50.8 76.2



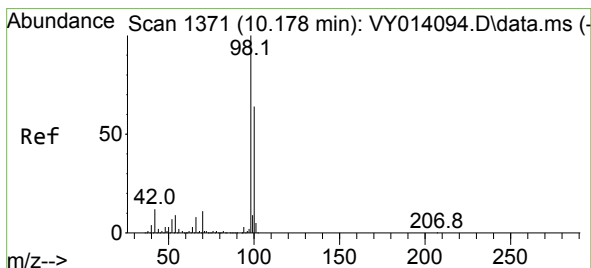
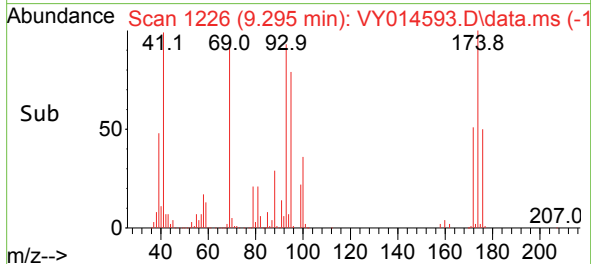
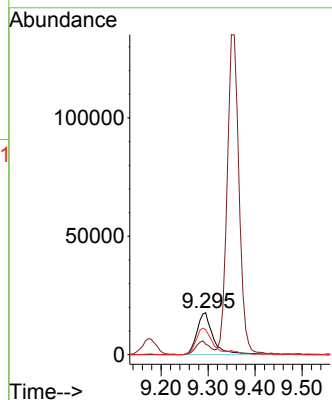


#49
1,4-Dioxane
Concen: 1110.680 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :

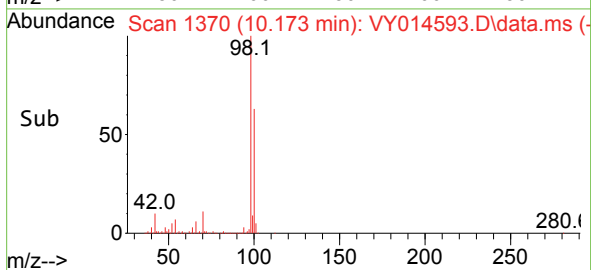
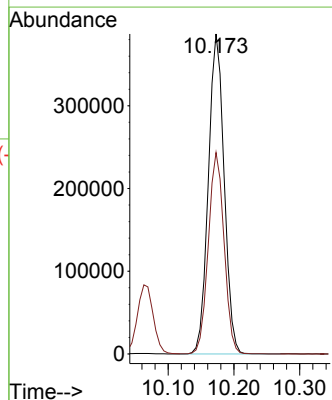
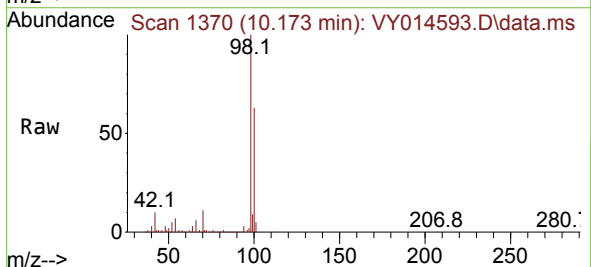


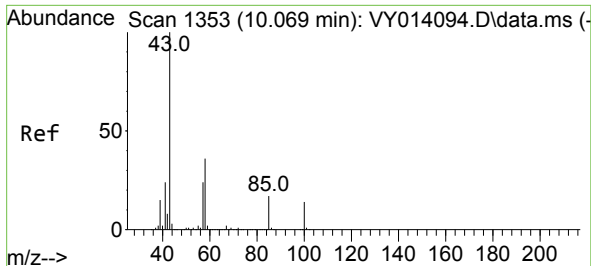
Tgt Ion: 88 Resp: 43191
Ion Ratio Lower Upper
88 100
43 27.2 0.0 0.0#
58 69.4 30.9 46.3#



#50
Toluene-d8
Concen: 54.322 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.005 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Tgt Ion: 98 Resp: 645945
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1

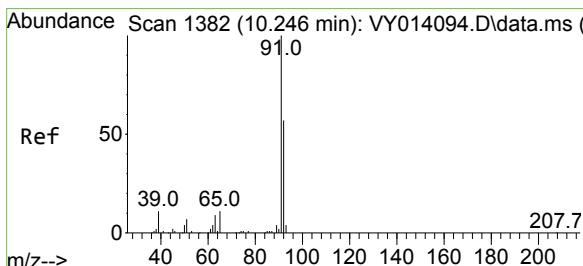
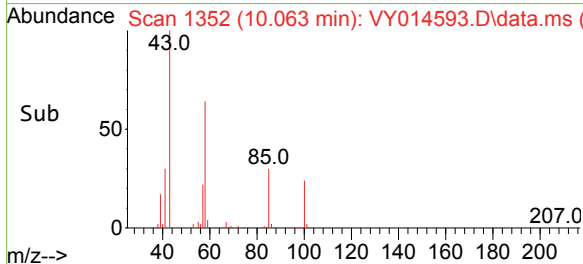
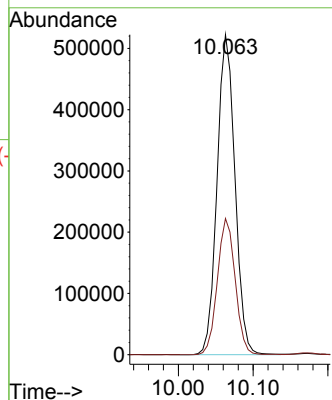
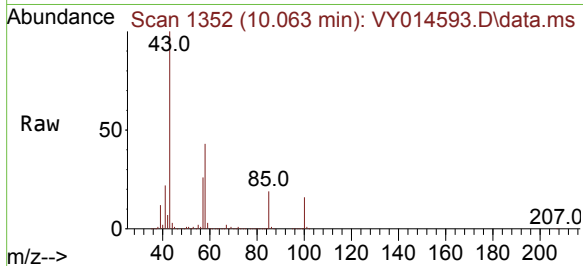




#51
4-Methyl-2-Pentanone
Concen: 274.653 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

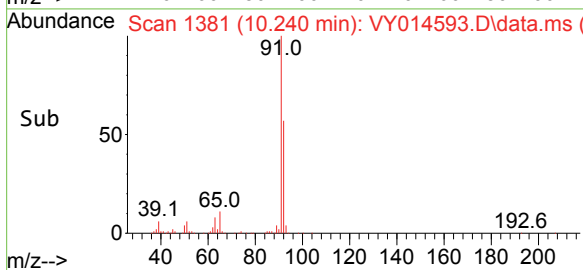
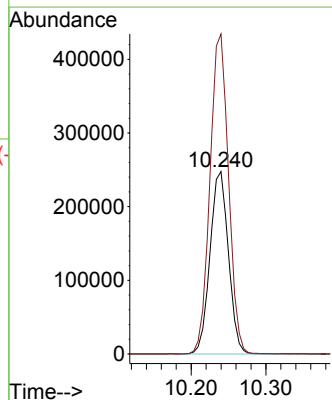
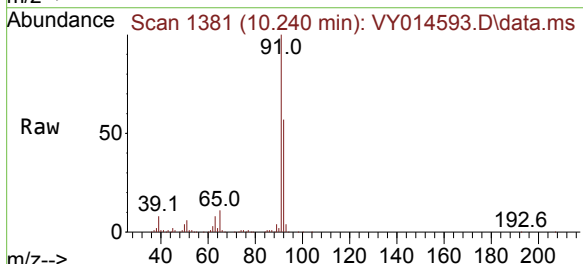
Instrument :
MSVOA_Y
ClientSampleId :

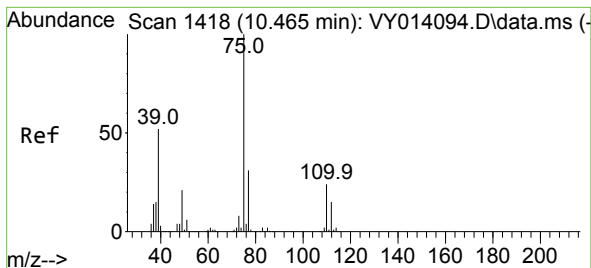
Tgt Ion: 43 Resp: 870515
Ion Ratio Lower Upper
43 100
58 42.4 29.0 43.6



#52
Toluene
Concen: 48.156 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Tgt Ion: 92 Resp: 422557
Ion Ratio Lower Upper
92 100
91 176.8 143.8 215.6

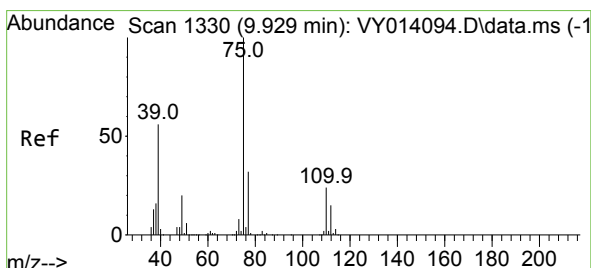
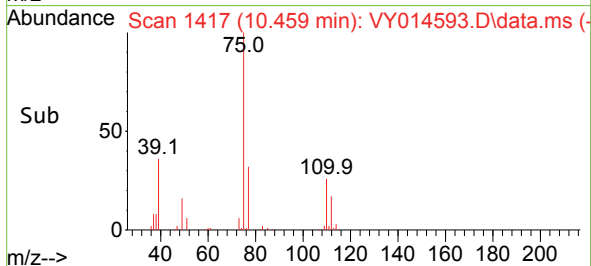
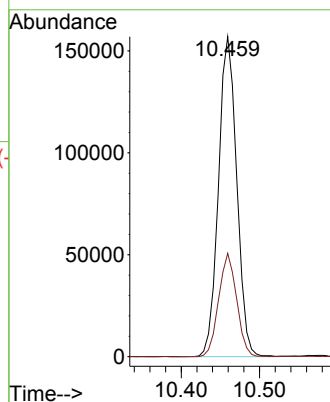
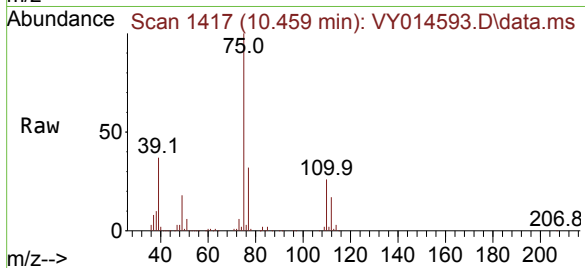




#53
 t-1,3-Dichloropropene
 Concen: 49.693 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY014593.D
 Acq: 06 Jul 2023 17:07

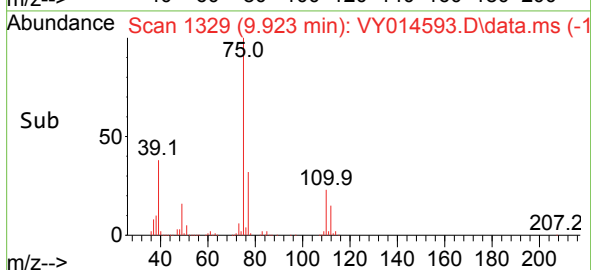
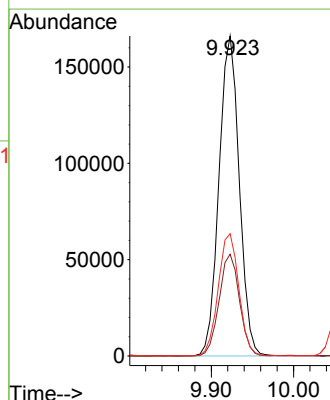
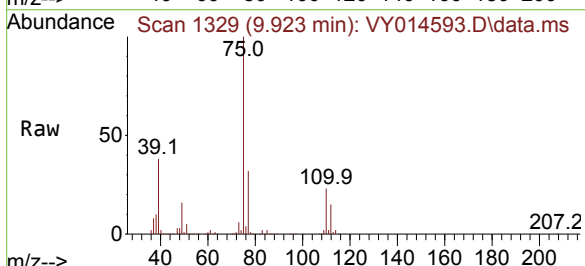
Instrument :
 MSVOA_Y
 ClientSampleId :

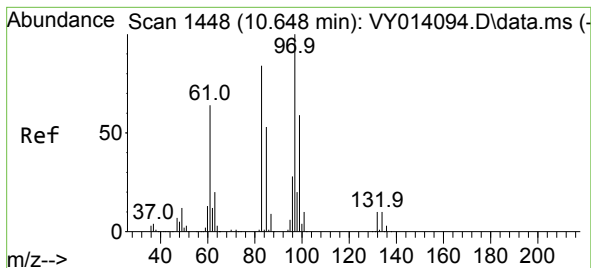
Tgt Ion: 75 Resp: 254978
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 49.654 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY014593.D
 Acq: 06 Jul 2023 17:07

Tgt Ion: 75 Resp: 284264
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.2 36.4
 39 38.1 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 50.723 ug/l

RT: 10.636 min Scan# 1446

Delta R.T. -0.012 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 160728

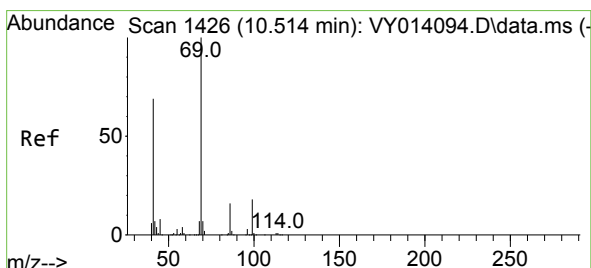
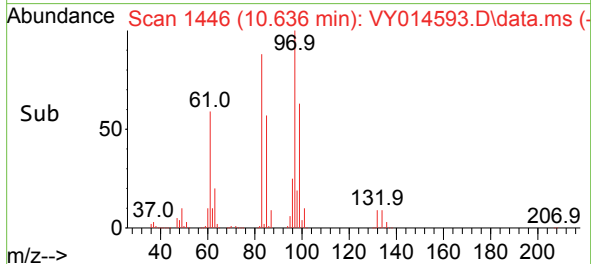
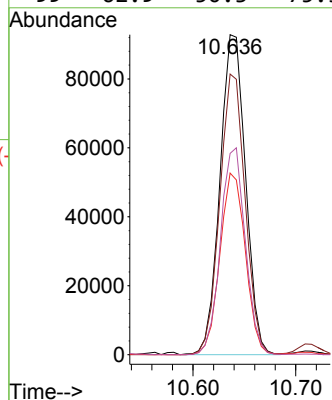
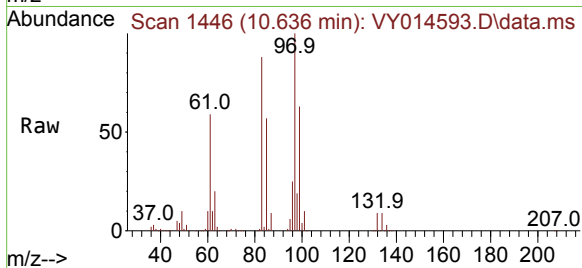
Ion Ratio Lower Upper

97 100

83 87.7 72.0 108.0

85 56.8 45.4 68.0

99 62.9 50.3 75.5



#56

Ethyl methacrylate

Concen: 52.744 ug/l

RT: 10.502 min Scan# 1424

Delta R.T. -0.012 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

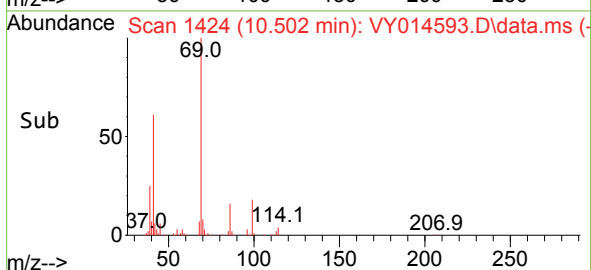
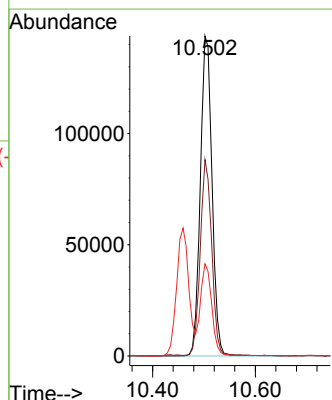
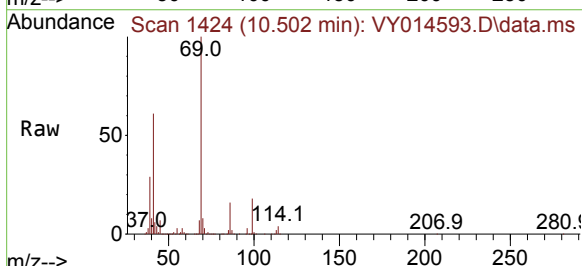
Tgt Ion: 69 Resp: 227351

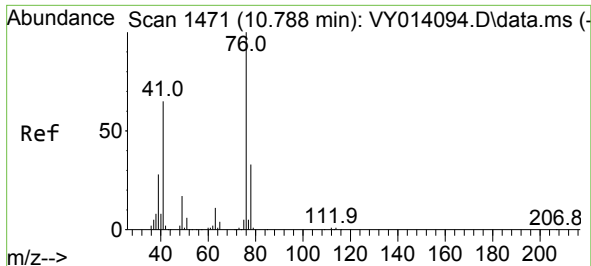
Ion Ratio Lower Upper

69 100

41 59.7 57.6 86.4

39 27.3 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 50.954 ug/l

RT: 10.782 min Scan# 1471

Delta R.T. -0.006 min

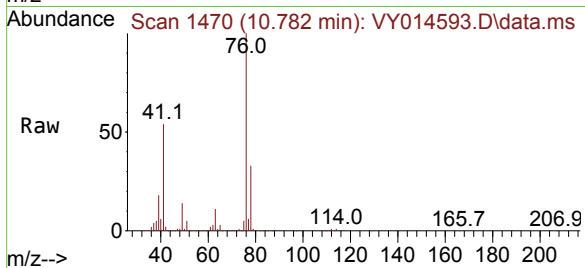
Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

Instrument :

MSVOA_Y

ClientSampleId :

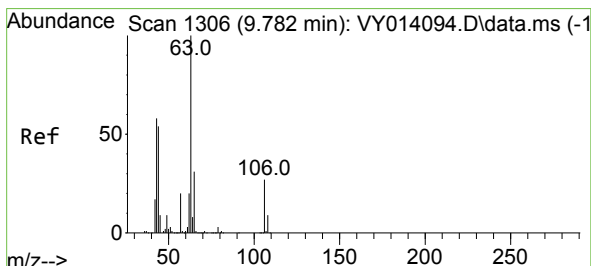
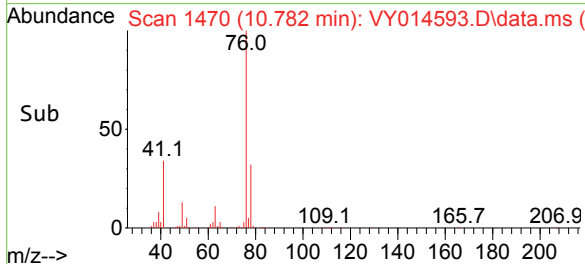
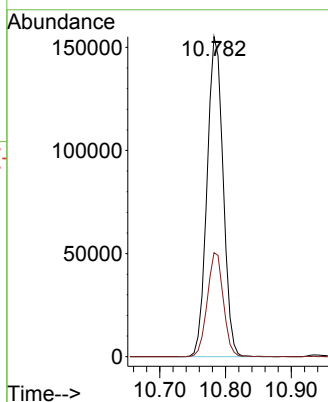


Tgt Ion: 76 Resp: 263082

Ion Ratio Lower Upper

76 100

78 32.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 283.188 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014593.D

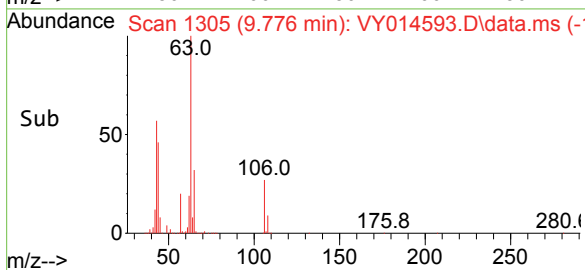
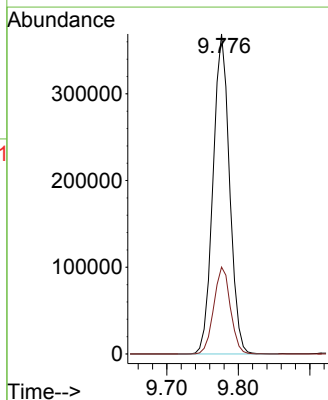
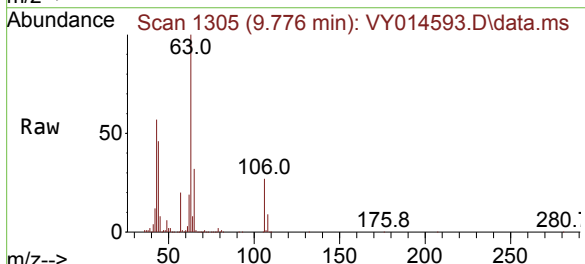
Acq: 06 Jul 2023 17:07

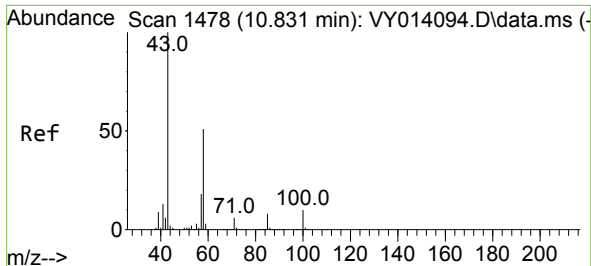
Tgt Ion: 63 Resp: 591358

Ion Ratio Lower Upper

63 100

106 27.3 21.2 31.8

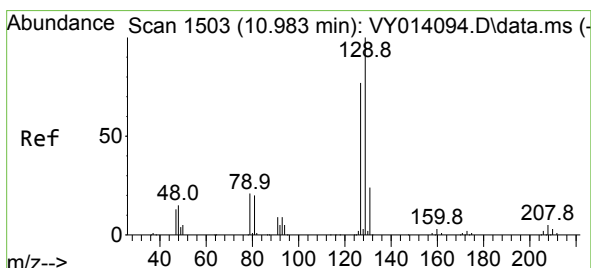
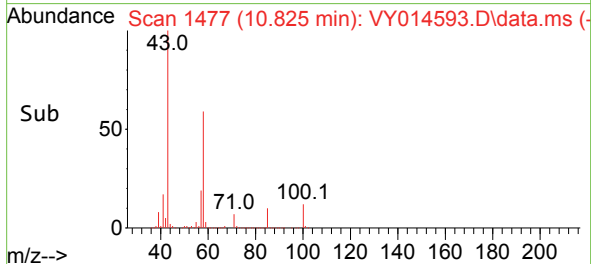
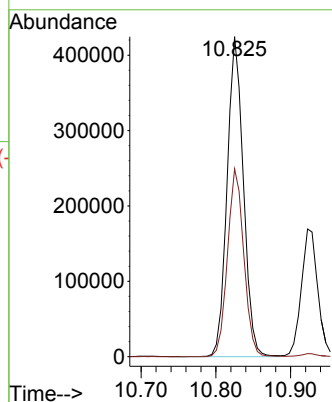
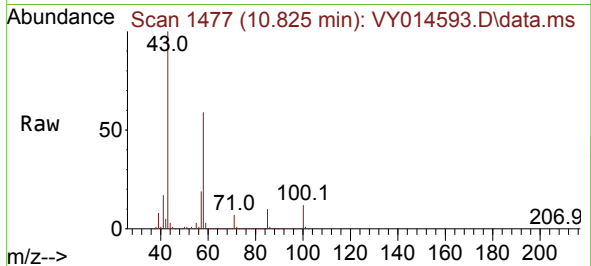




#59
2-Hexanone
Concen: 280.858 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

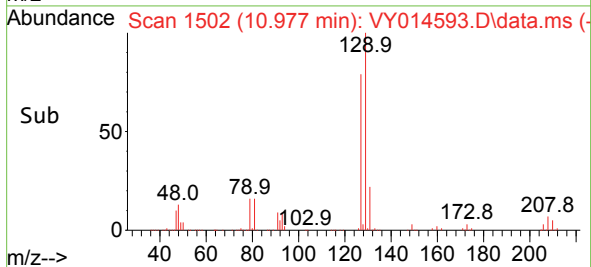
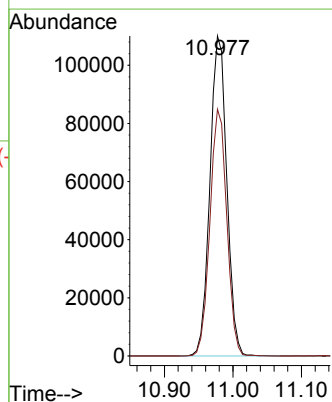
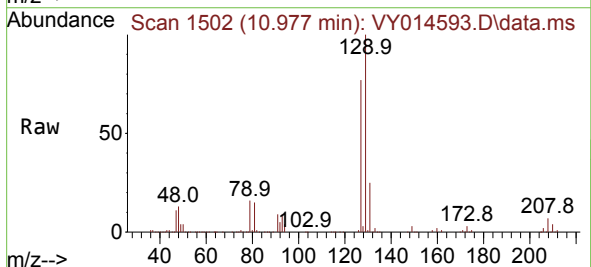
Instrument :
MSVOA_Y
ClientSampleId :

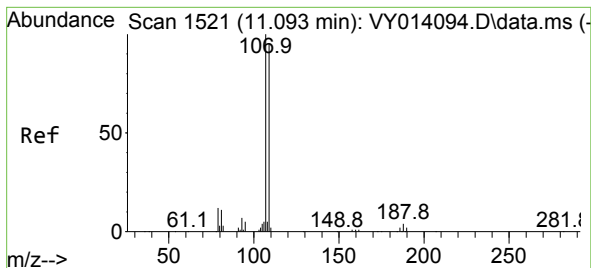
Tgt Ion: 43 Resp: 643032
Ion Ratio Lower Upper
43 100
58 58.8 25.1 75.3



#60
Dibromochloromethane
Concen: 50.755 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Tgt Ion:129 Resp: 188454
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5

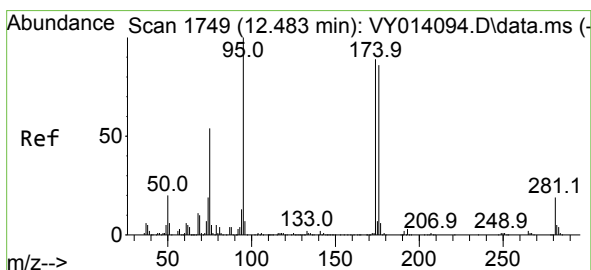
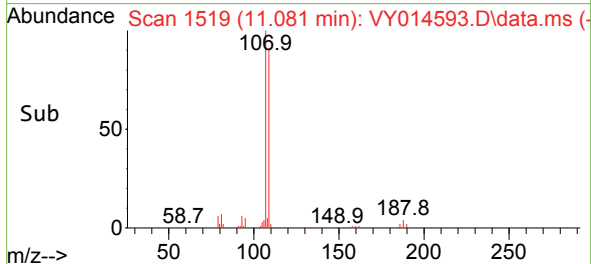
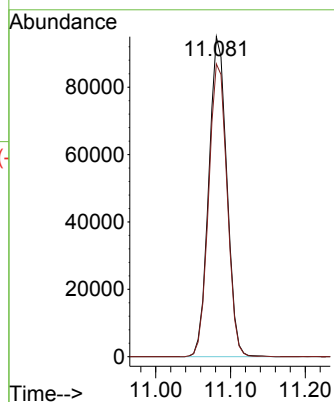
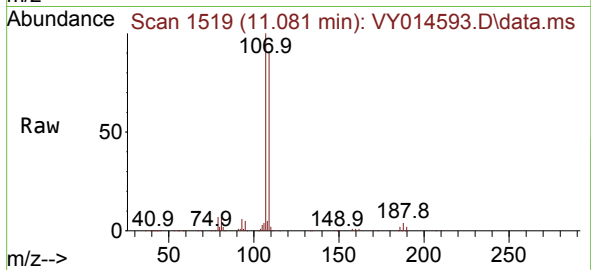




#61
1,2-Dibromoethane
Concen: 51.456 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

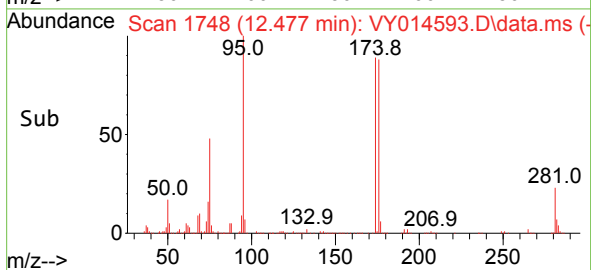
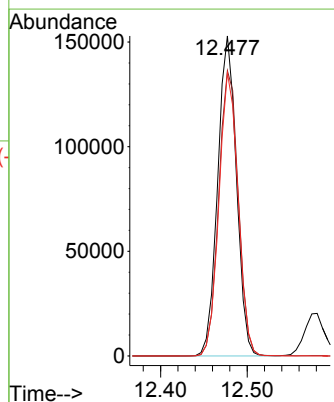
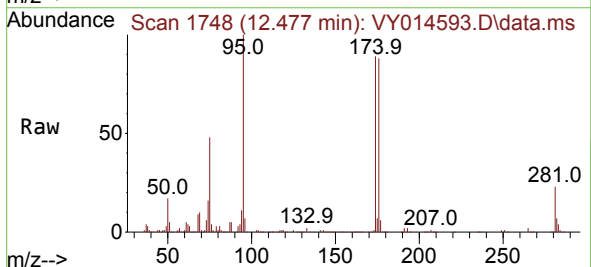
Instrument :
MSVOA_Y
ClientSampleId :

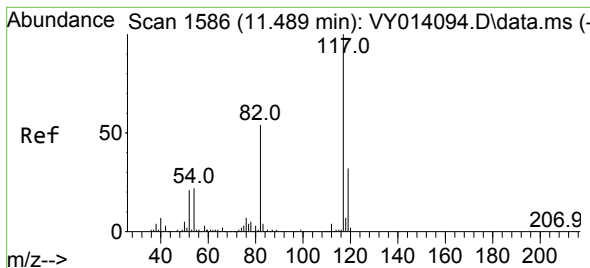
Tgt Ion:107 Resp: 159185
Ion Ratio Lower Upper
107 100
109 93.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.589 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Tgt Ion: 95 Resp: 229530
Ion Ratio Lower Upper
95 100
174 93.2 0.0 178.2
176 90.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 1

Delta R.T. -0.006 min

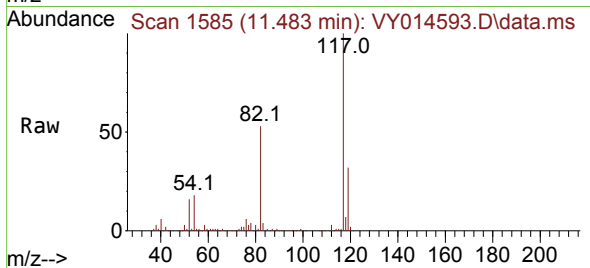
Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

Instrument :

MSVOA_Y

ClientSampleId :



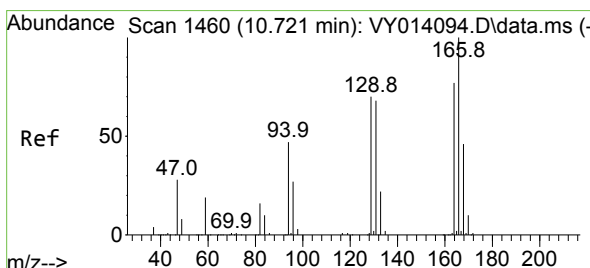
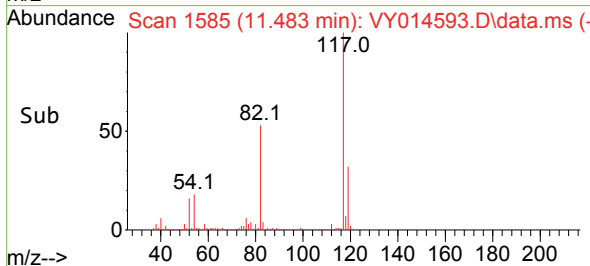
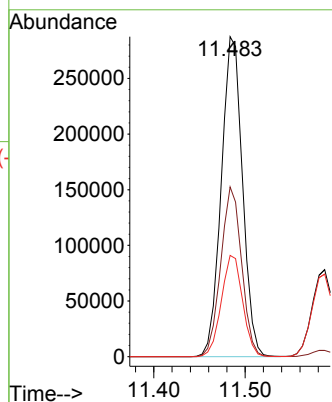
Tgt Ion:117 Resp: 463874

Ion Ratio Lower Upper

117 100

82 53.0 43.4 65.0

119 31.6 26.3 39.5



#64

Tetrachloroethene

Concen: 47.369 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

Tgt Ion:164 Resp: 196427

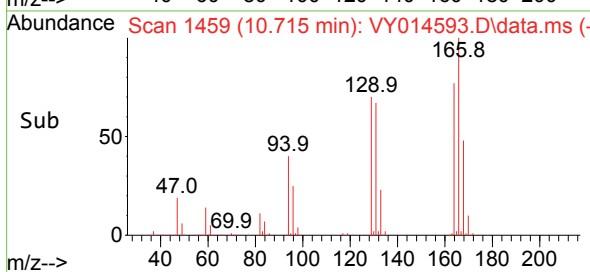
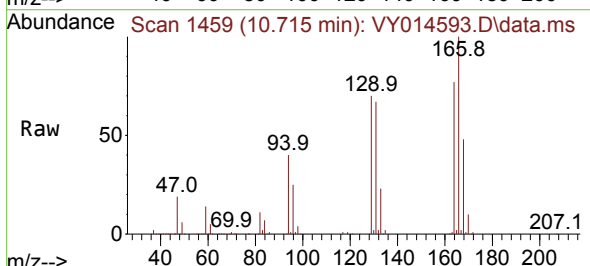
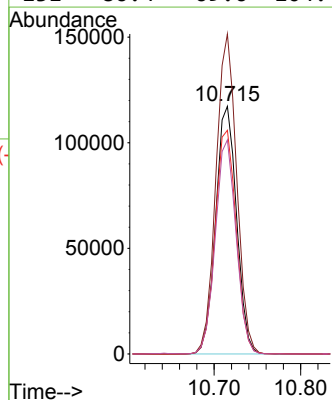
Ion Ratio Lower Upper

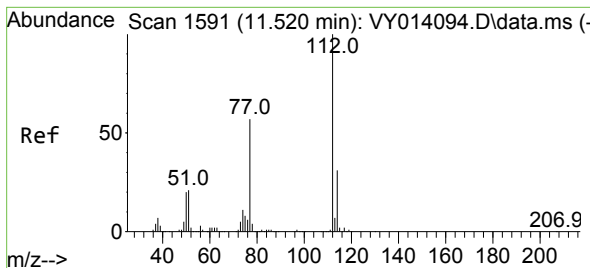
164 100

166 129.2 103.0 154.6

129 90.4 77.2 115.8

131 86.4 69.6 104.4

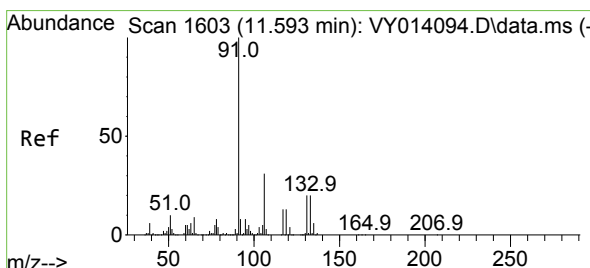
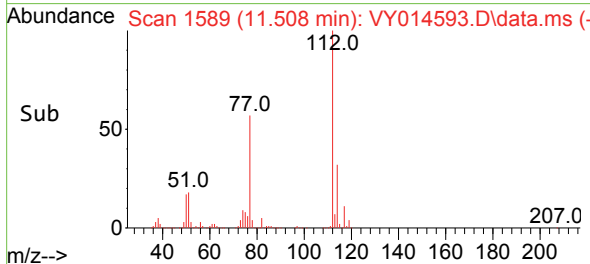
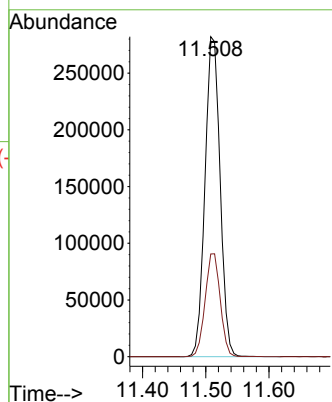
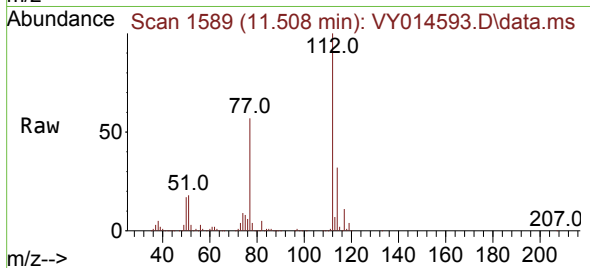




#65
Chlorobenzene
Concen: 47.452 ug/l
RT: 11.508 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

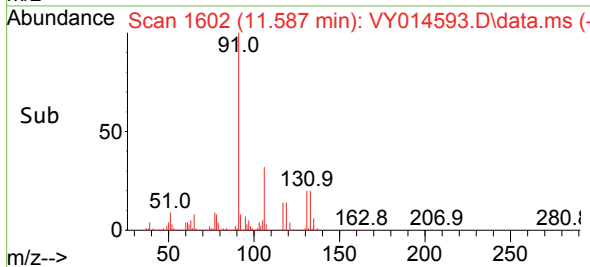
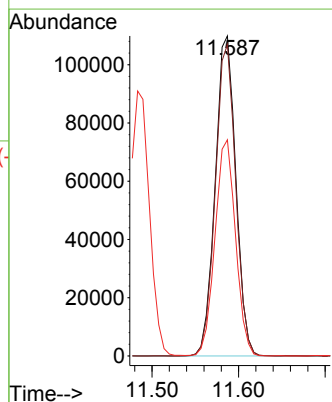
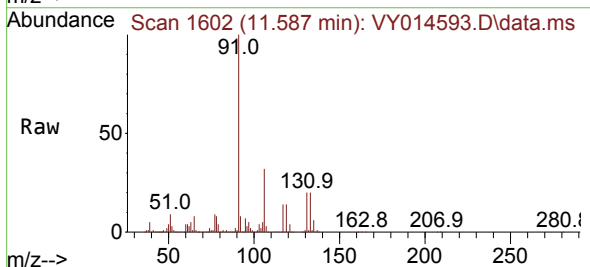
Instrument :
MSVOA_Y
ClientSampleId :

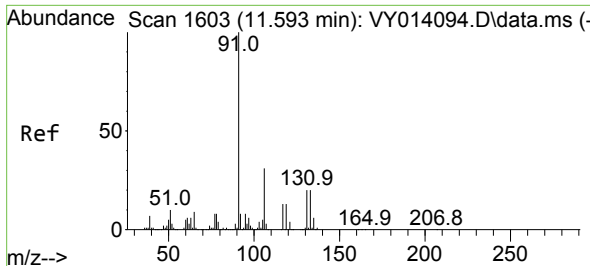
Tgt Ion:112 Resp: 469092
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.346 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Tgt Ion:131 Resp: 181647
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.6
119 67.5 31.6 94.7

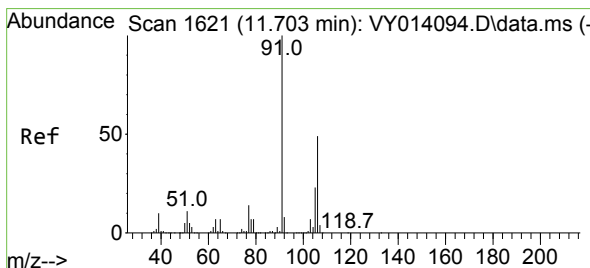
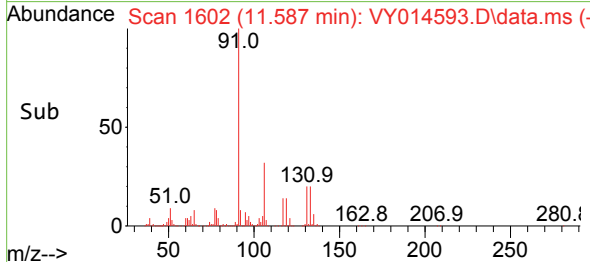
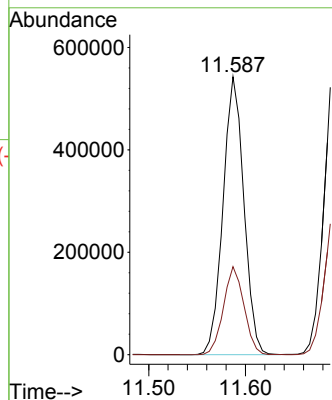
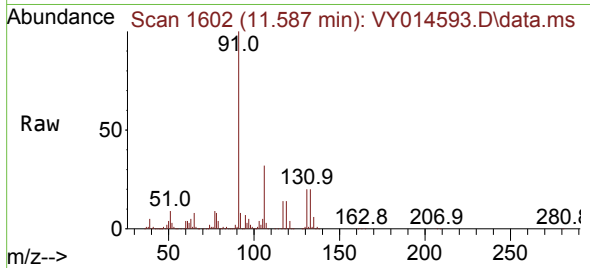




#67
Ethyl Benzene
Concen: 48.182 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

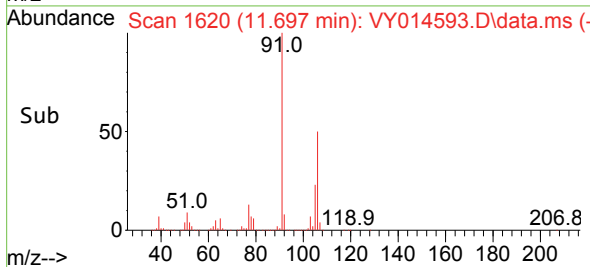
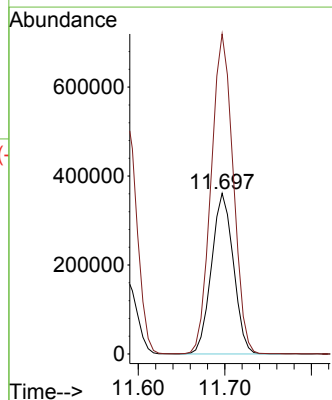
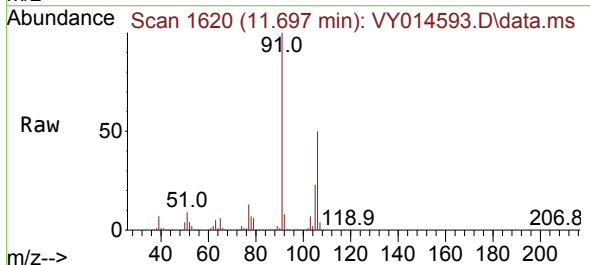
Instrument :
MSVOA_Y
ClientSampleId :

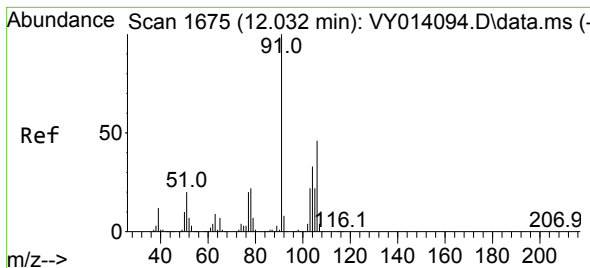
Tgt Ion: 91 Resp: 812246
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8



#68
m/p-Xylenes
Concen: 94.783 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Tgt Ion:106 Resp: 633811
Ion Ratio Lower Upper
106 100
91 201.2 166.1 249.1





#69

o-Xylene

Concen: 47.890 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

Instrument :

MSVOA_Y

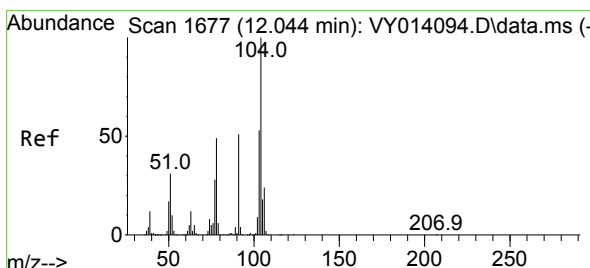
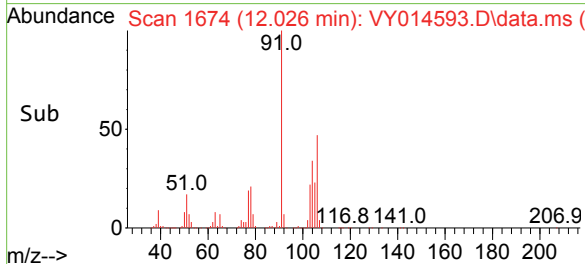
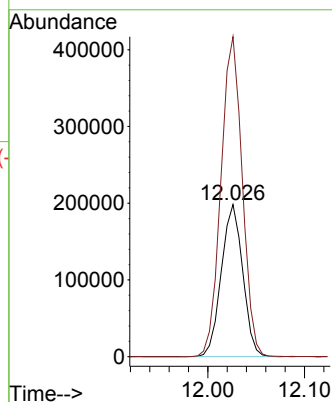
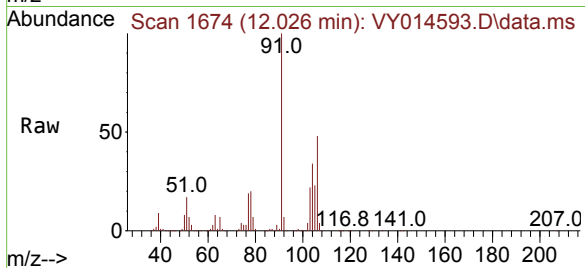
ClientSampleId :

Tgt Ion:106 Resp: 303736

Ion Ratio Lower Upper

106 100

91 209.7 108.1 324.3



#70

Styrene

Concen: 48.718 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

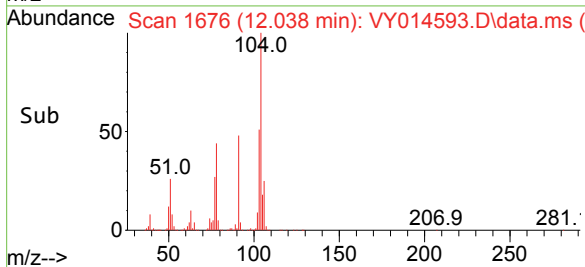
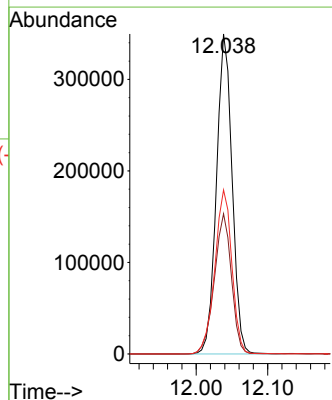
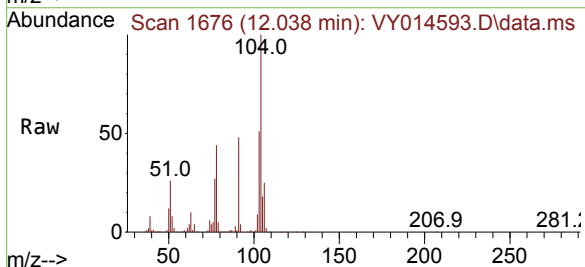
Tgt Ion:104 Resp: 531605

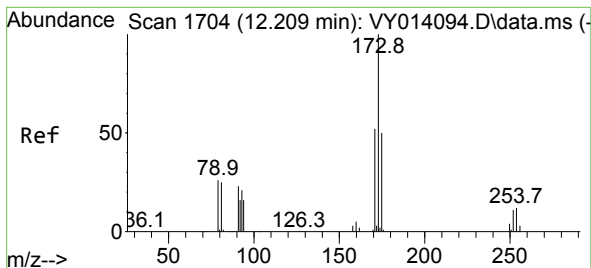
Ion Ratio Lower Upper

104 100

78 47.8 41.5 62.3

103 55.9 44.6 67.0





#71

Bromoform

Concen: 49.948 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

Instrument :

MSVOA_Y

ClientSampleId :

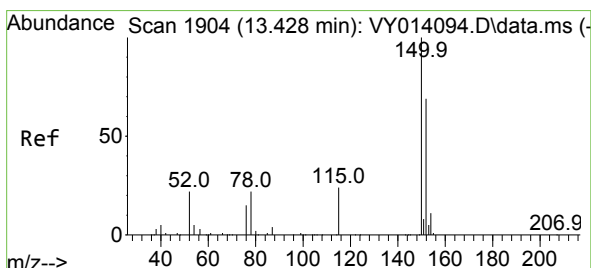
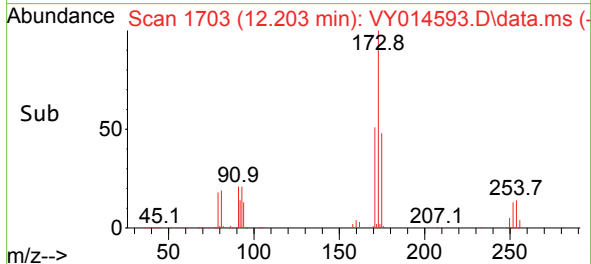
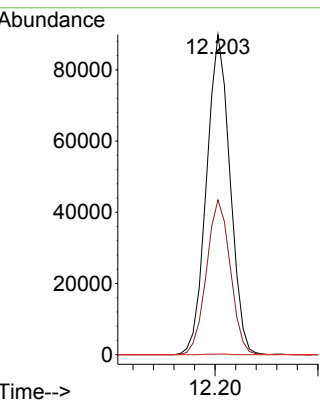
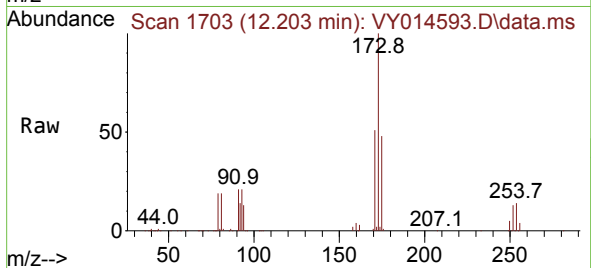
Tgt Ion:173 Resp: 142575

Ion Ratio Lower Upper

173 100

175 49.0 24.6 73.8

254 0.2 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: VY014593.D

Acq: 06 Jul 2023 17:07

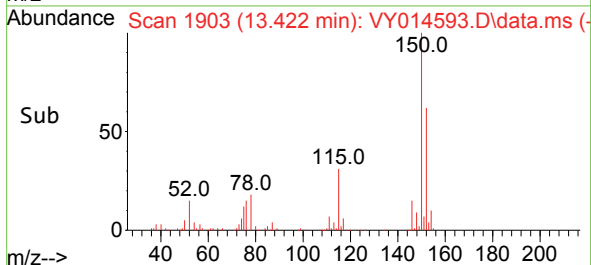
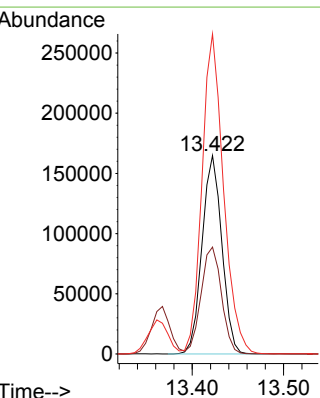
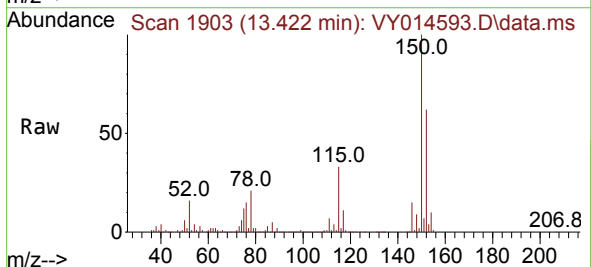
Tgt Ion:152 Resp: 248584

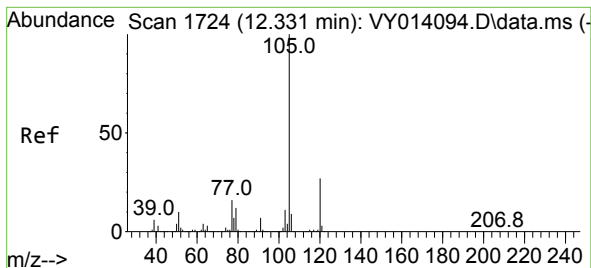
Ion Ratio Lower Upper

152 100

115 55.6 28.8 86.5

150 175.3 0.0 348.8





#73

Isopropylbenzene

Concen: 48.125 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.006 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

Instrument :

MSVOA_Y

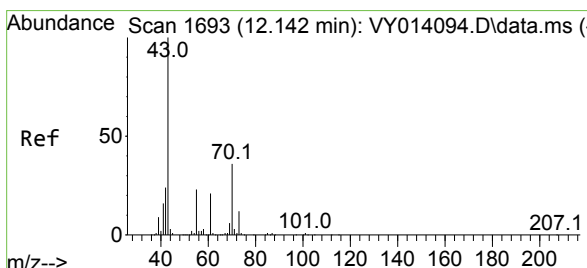
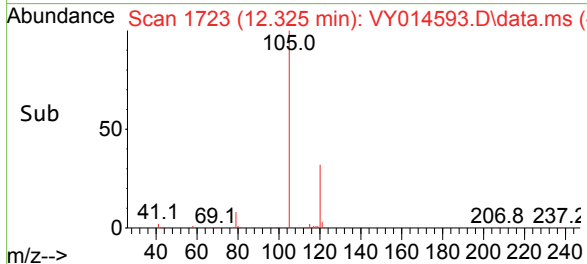
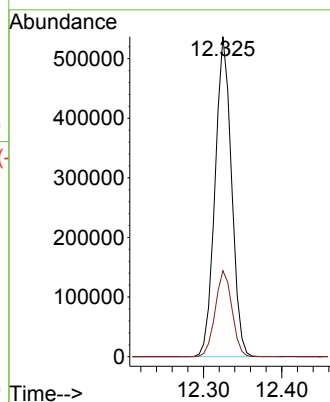
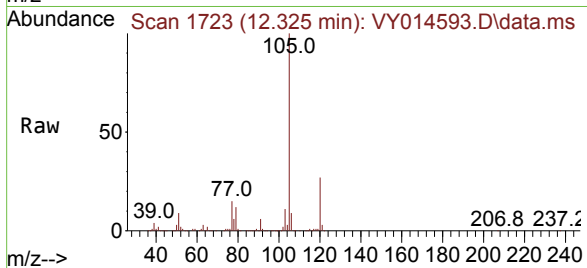
ClientSampleId :

Tgt Ion:105 Resp: 783490

Ion Ratio Lower Upper

105 100

120 27.3 13.3 39.9



#74

N-ethyl acetate

Concen: 52.056 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

Tgt Ion: 43 Resp: 255782

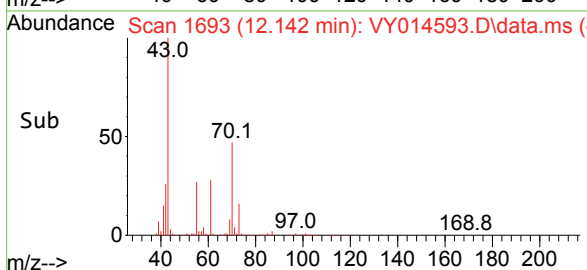
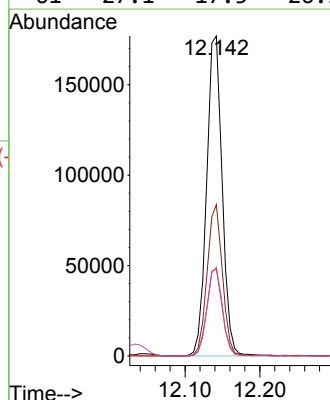
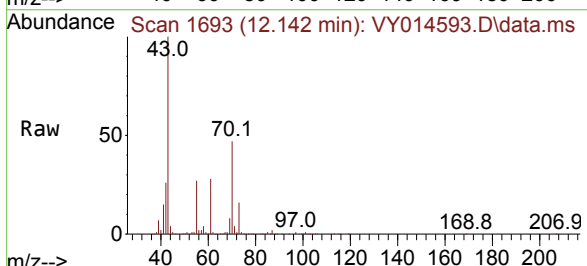
Ion Ratio Lower Upper

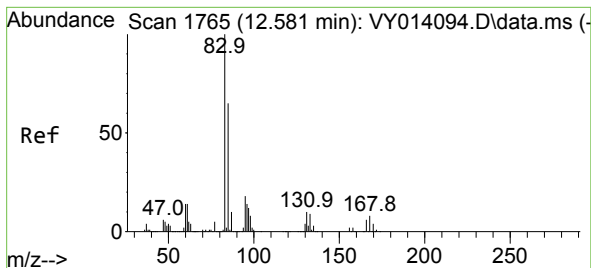
43 100

70 46.6 29.7 44.5#

55 27.6 18.3 27.5#

61 27.1 17.5 26.3#

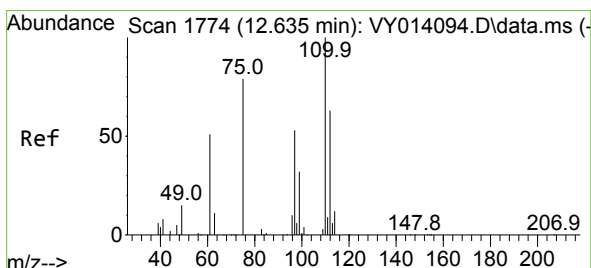
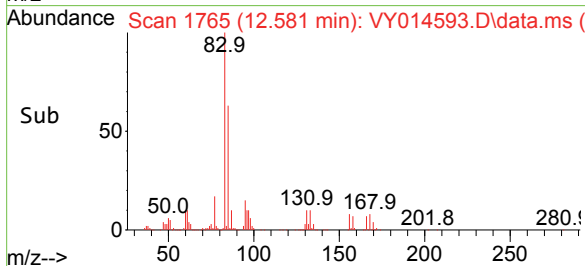
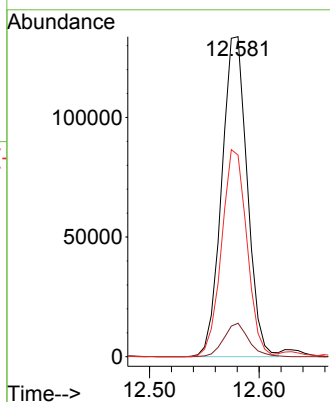
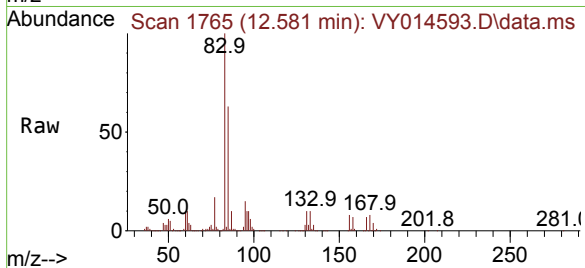




#75
1,1,2,2-Tetrachloroethane
Concen: 51.846 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

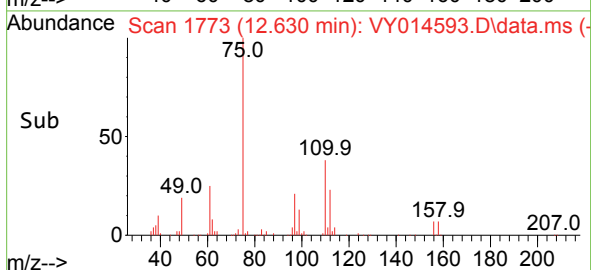
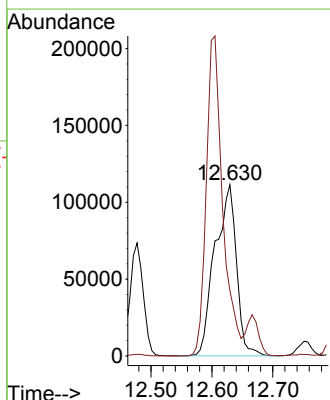
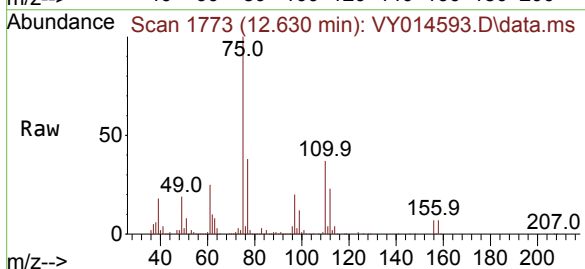
Instrument :
MSVOA_Y
ClientSampleId :

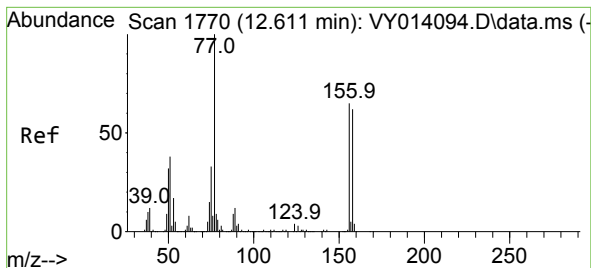
Tgt Ion: 83 Resp: 216610
Ion Ratio Lower Upper
83 100
131 10.2 5.4 16.2
85 64.3 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 93.650 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.005 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Tgt Ion: 75 Resp: 273180
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.177 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

Instrument :

MSVOA_Y

ClientSampleId :

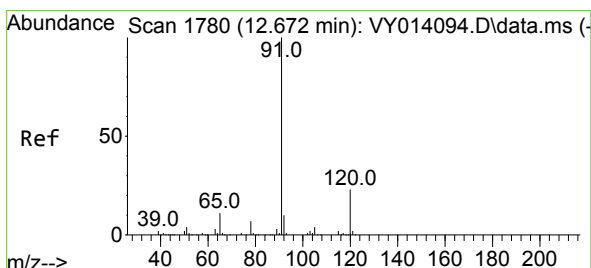
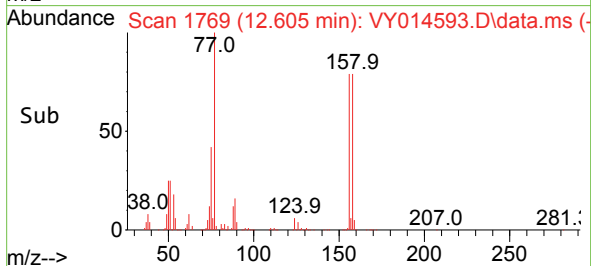
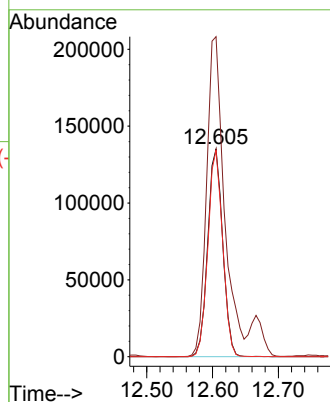
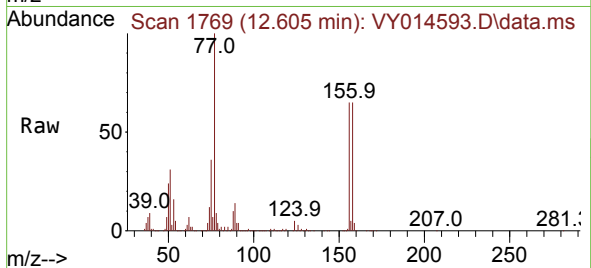
Tgt Ion:156 Resp: 214228

Ion Ratio Lower Upper

156 100

77 181.6 92.8 278.6

158 97.9 48.4 145.3



#78

n-propylbenzene

Concen: 49.855 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY014593.D

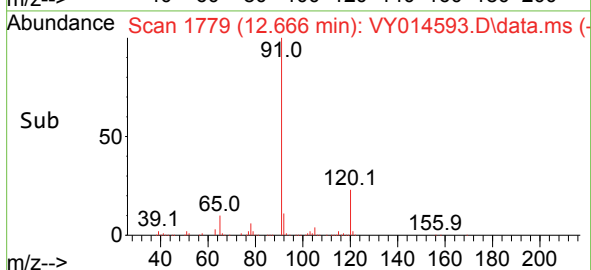
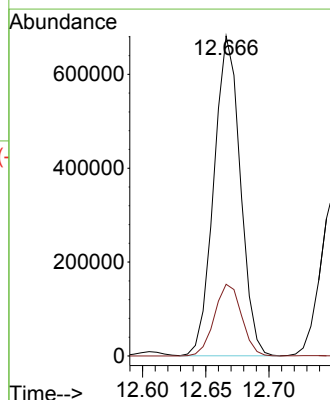
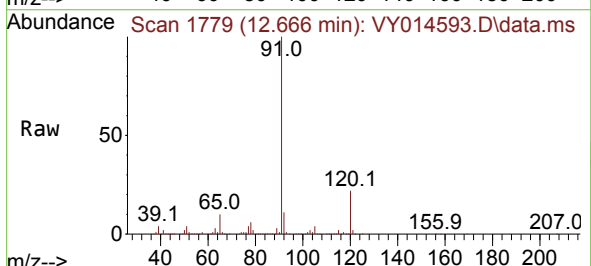
Acq: 06 Jul 2023 17:07

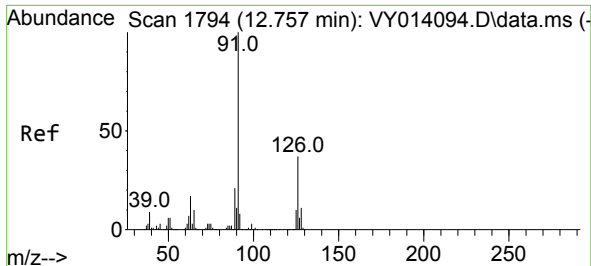
Tgt Ion: 91 Resp: 990092

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

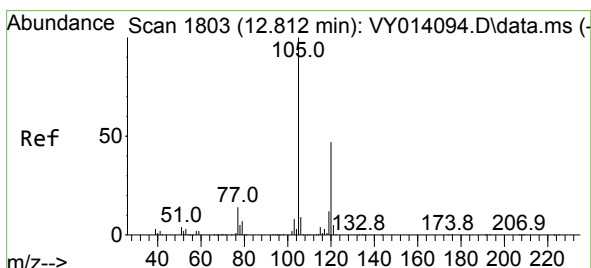
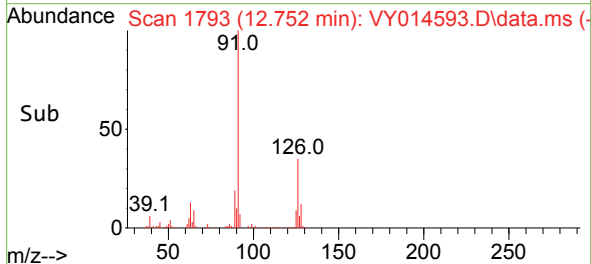
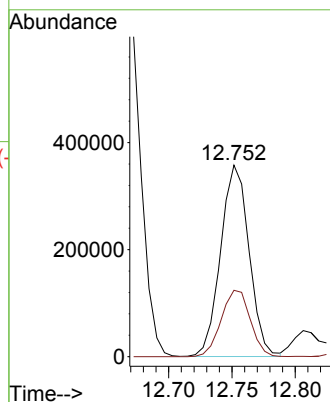
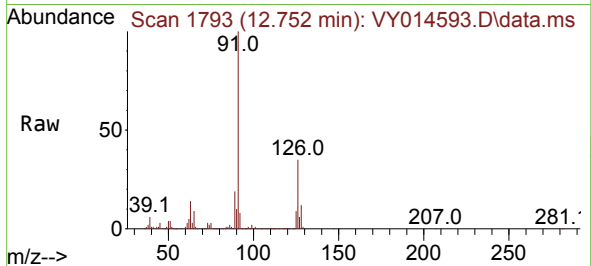




#79
2-Chlorotoluene
Concen: 48.968 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.005 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

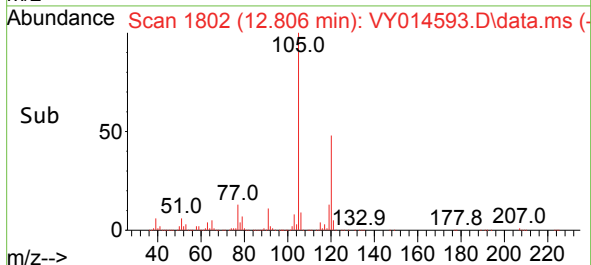
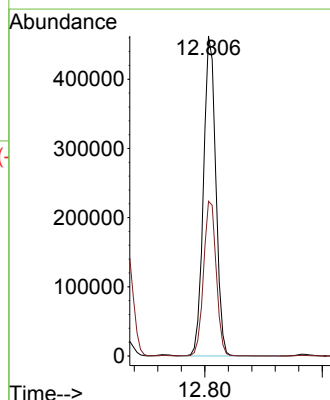
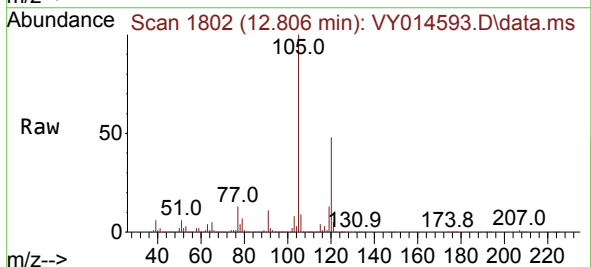
Instrument :
MSVOA_Y
ClientSampleId :

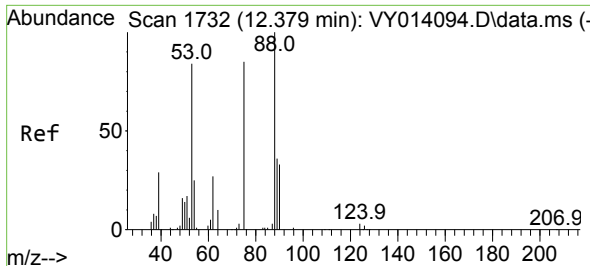
Tgt Ion: 91 Resp: 559659
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 48.918 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

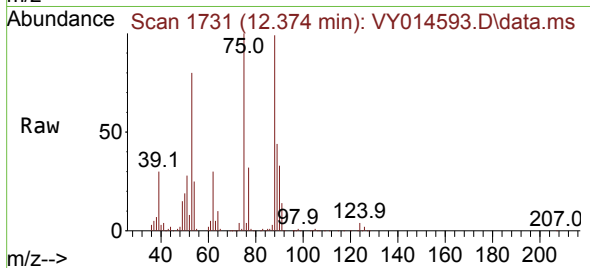
Tgt Ion:105 Resp: 674214
Ion Ratio Lower Upper
105 100
120 49.6 23.9 71.7



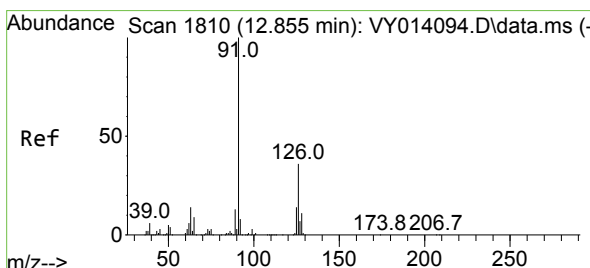
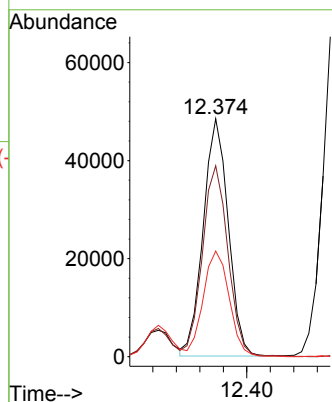
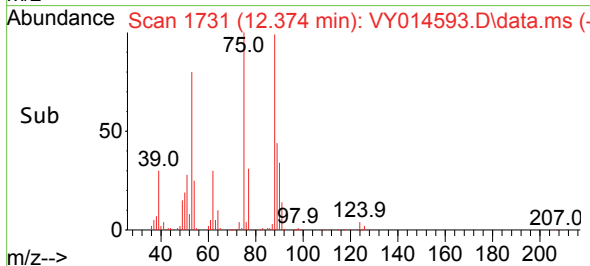


#81
trans-1,4-Dichloro-2-butene
Concen: 47.789 ug/l
RT: 12.374 min Scan# 1732
Delta R.T. -0.005 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :

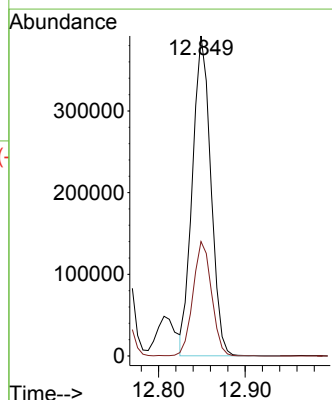
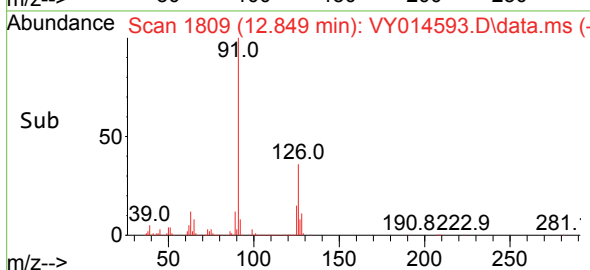
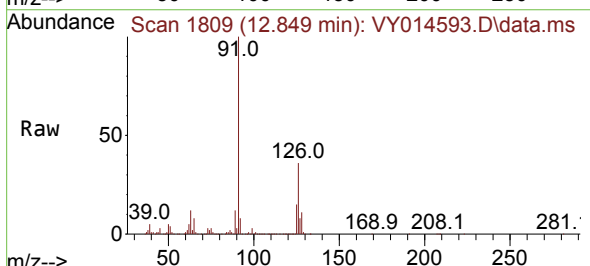


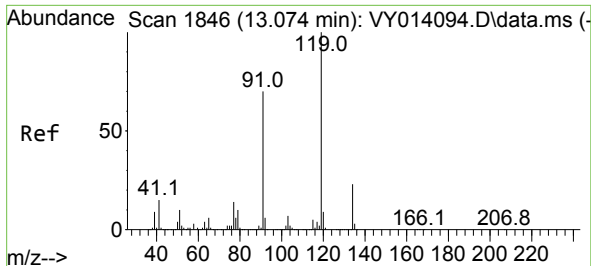
Tgt Ion: 75 Resp: 71620
Ion Ratio Lower Upper
75 100
53 81.4 77.8 116.8
89 46.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 48.224 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

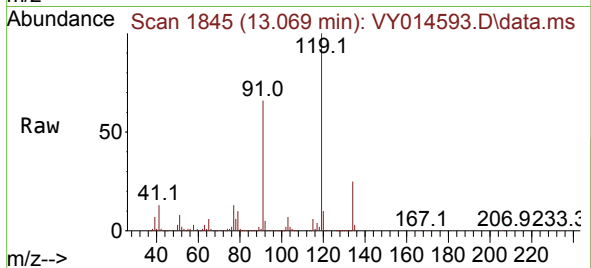
Tgt Ion: 91 Resp: 577410
Ion Ratio Lower Upper
91 100
126 36.2 17.2 51.6



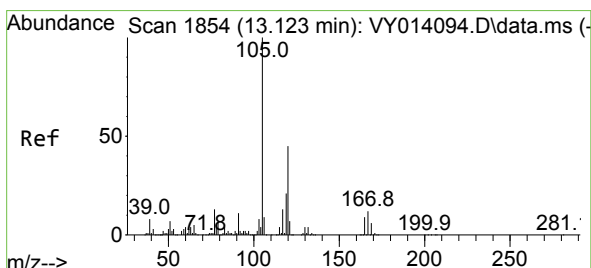
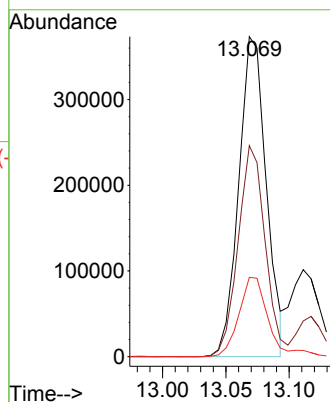
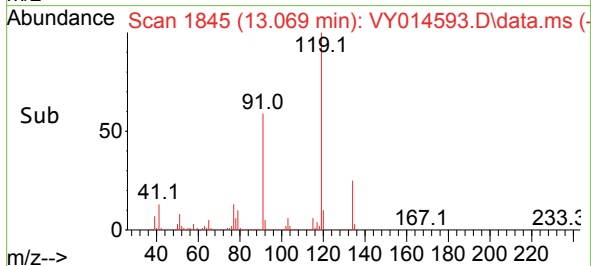


#83
tert-Butylbenzene
Concen: 46.627 ug/l
RT: 13.069 min Scan# 1845
Delta R.T. -0.005 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

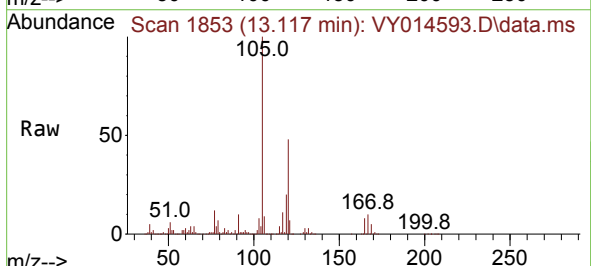
Instrument :
MSVOA_Y
ClientSampleId :



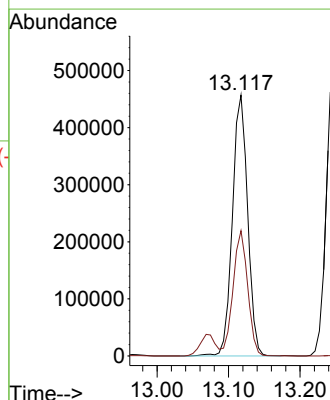
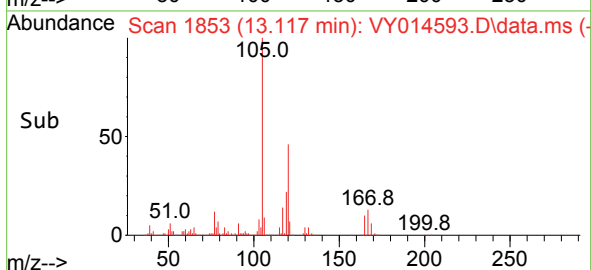
Tgt Ion:119 Resp: 564779
Ion Ratio Lower Upper
119 100
91 65.2 32.9 98.6
134 26.7 13.0 38.9

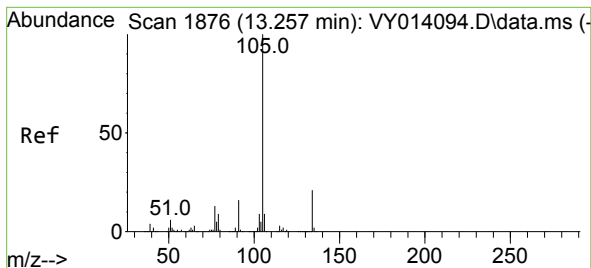


#84
1,2,4-Trimethylbenzene
Concen: 49.086 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07



Tgt Ion:105 Resp: 675085
Ion Ratio Lower Upper
105 100
120 46.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 49.415 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

Instrument :

MSVOA_Y

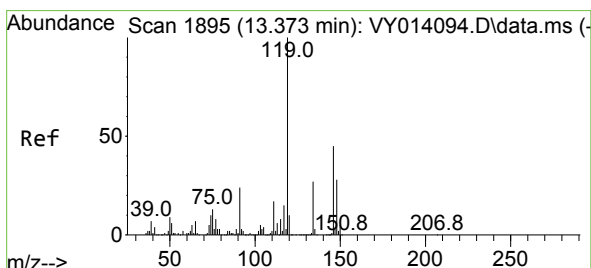
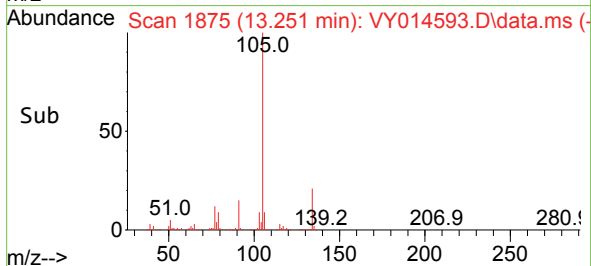
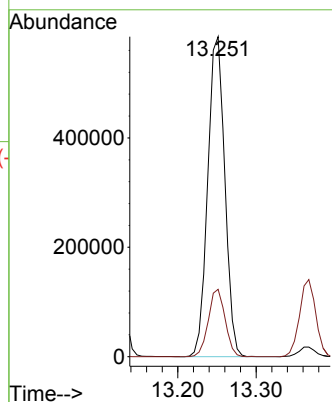
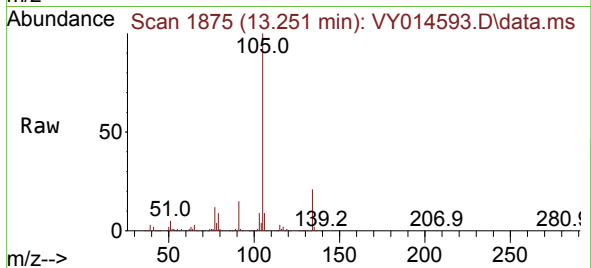
ClientSampleId :

Tgt Ion:105 Resp: 883259

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.6



#86

p-Isopropyltoluene

Concen: 48.885 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

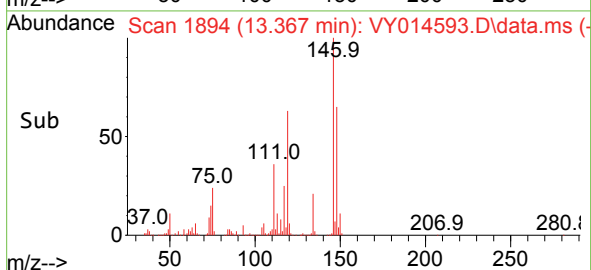
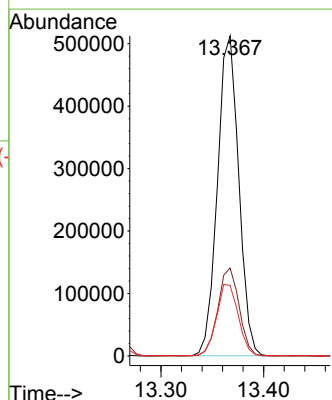
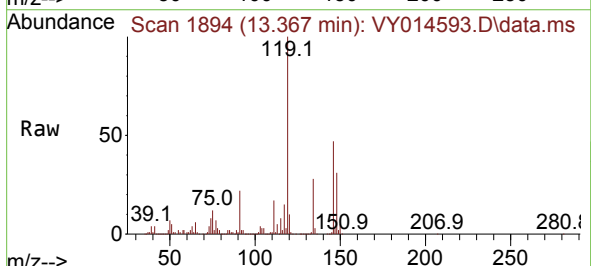
Tgt Ion:119 Resp: 735329

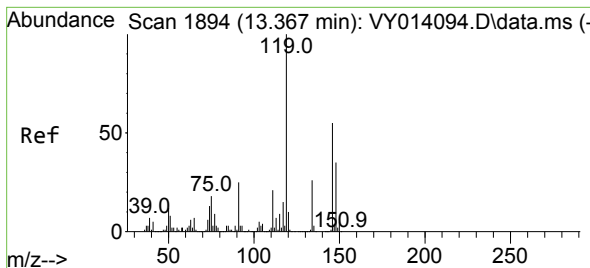
Ion Ratio Lower Upper

119 100

134 27.5 13.3 39.8

91 22.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 47.616 ug/l

RT: 13.361 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

Instrument :

MSVOA_Y

ClientSampleId :

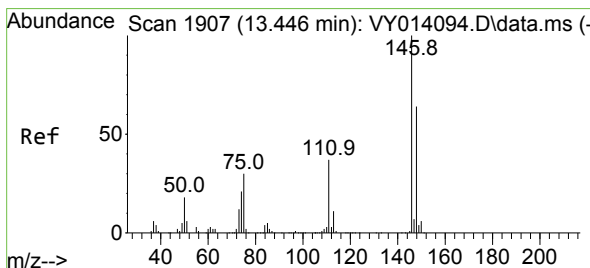
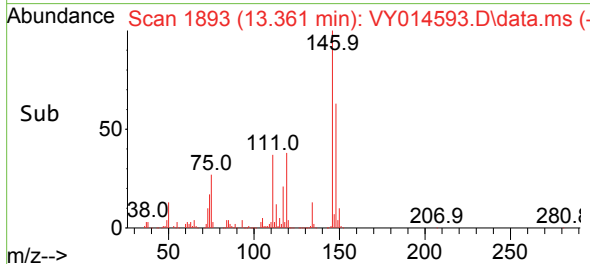
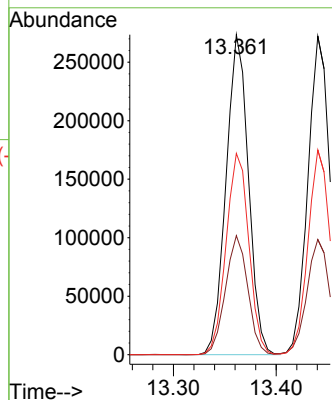
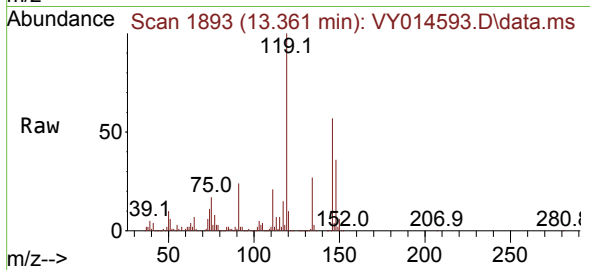
Tgt Ion:146 Resp: 413986

Ion Ratio Lower Upper

146 100

111 37.1 19.4 58.2

148 63.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 46.967 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

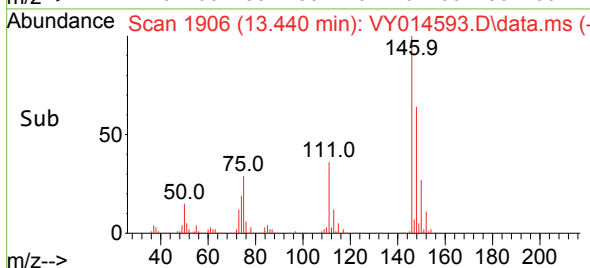
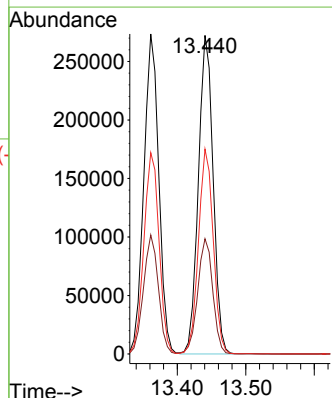
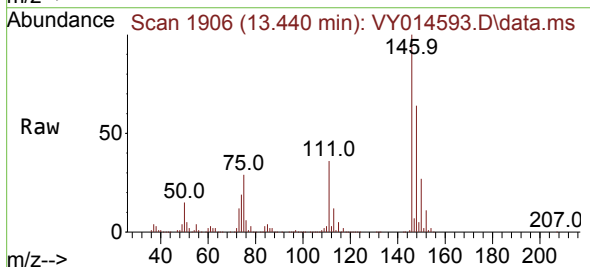
Tgt Ion:146 Resp: 409233

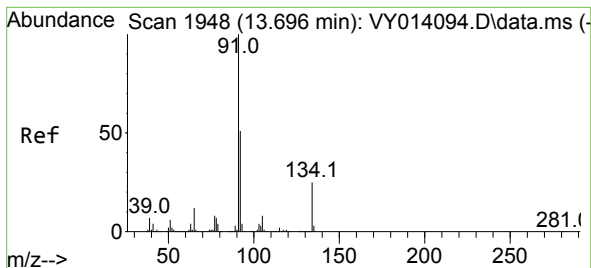
Ion Ratio Lower Upper

146 100

111 36.8 18.9 56.7

148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 49.777 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

Instrument :

MSVOA_Y

ClientSampleId :

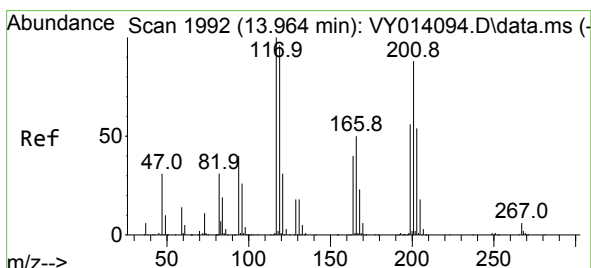
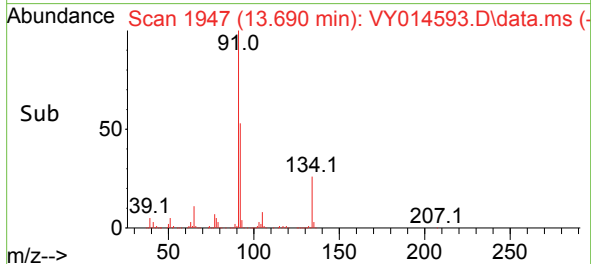
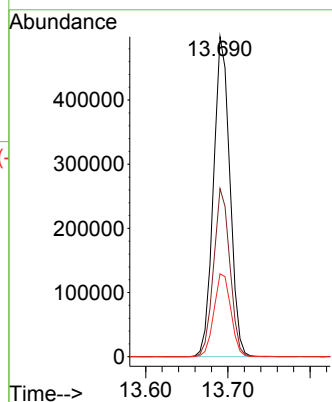
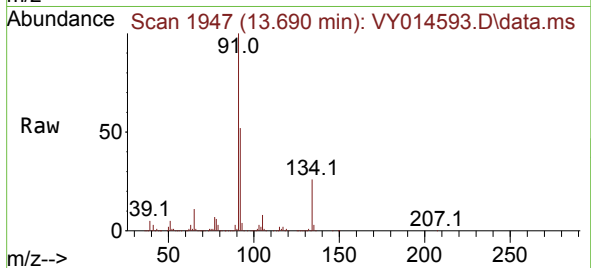
Tgt Ion: 91 Resp: 691958

Ion Ratio Lower Upper

91 100

92 52.0 25.4 76.0

134 26.7 12.6 37.6



#90

Hexachloroethane

Concen: 49.598 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.005 min

Lab File: VY014593.D

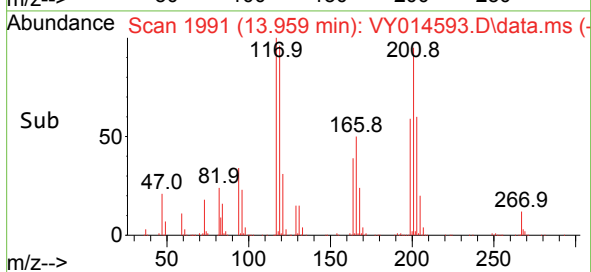
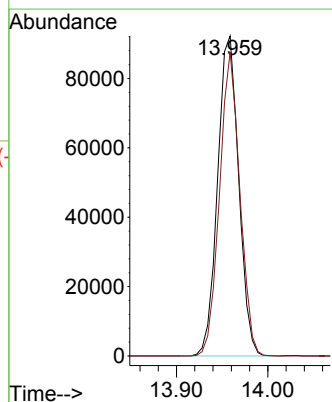
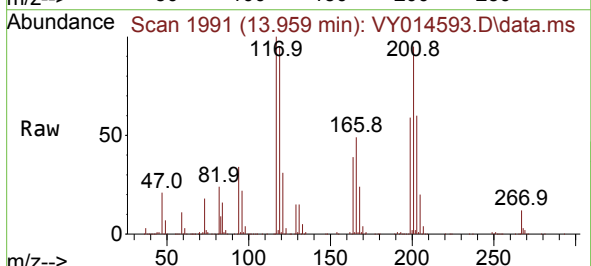
Acq: 06 Jul 2023 17:07

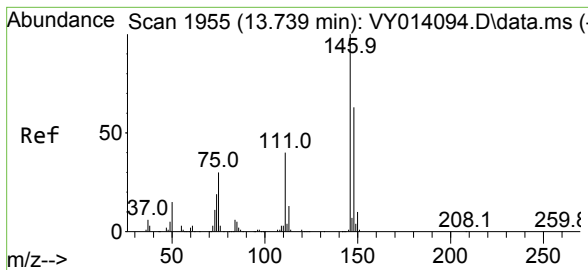
Tgt Ion: 117 Resp: 147782

Ion Ratio Lower Upper

117 100

201 91.4 41.6 124.8

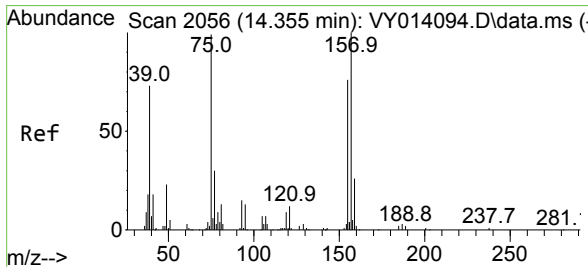
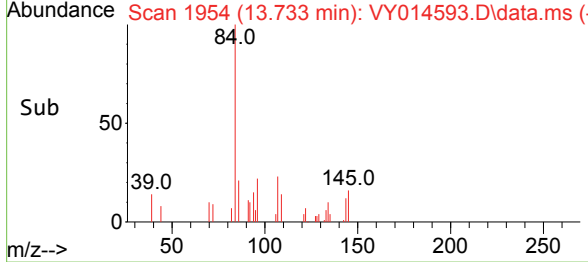
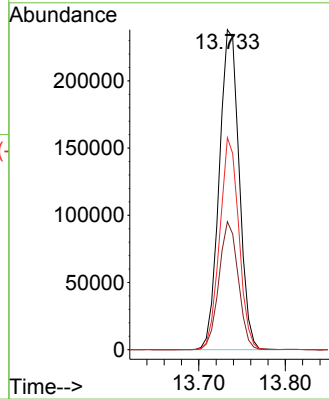
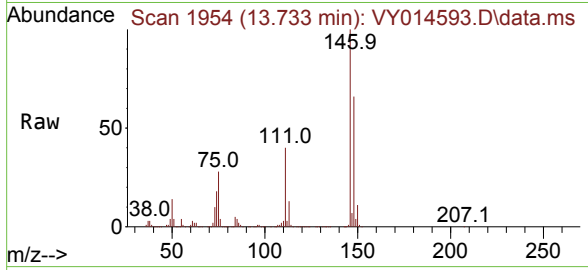




#91
 1,2-Dichlorobenzene
 Concen: 48.276 ug/l
 RT: 13.733 min Scan# 1954
 Delta R.T. -0.006 min
 Lab File: VY014593.D
 Acq: 06 Jul 2023 17:07

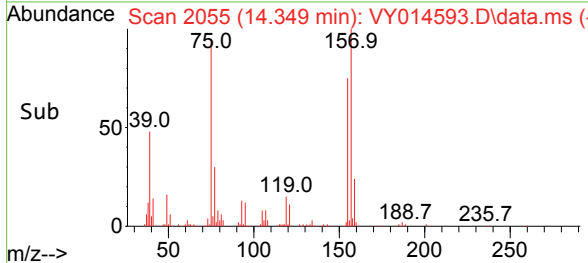
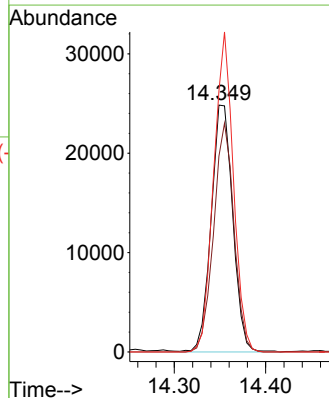
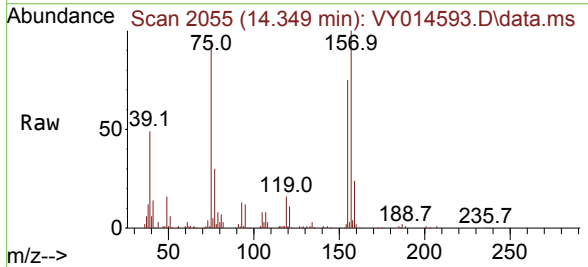
Instrument :
 MSVOA_Y
 ClientSampleId :

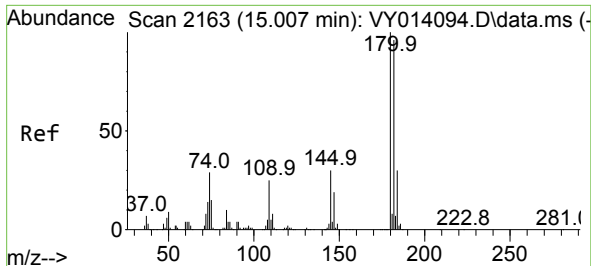
Tgt Ion:146 Resp: 380188
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.7 59.0
 148 63.7 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.147 ug/l
 RT: 14.349 min Scan# 2055
 Delta R.T. -0.006 min
 Lab File: VY014593.D
 Acq: 06 Jul 2023 17:07

Tgt Ion: 75 Resp: 40652
 Ion Ratio Lower Upper
 75 100
 155 87.5 41.5 124.6
 157 118.2 51.8 155.5

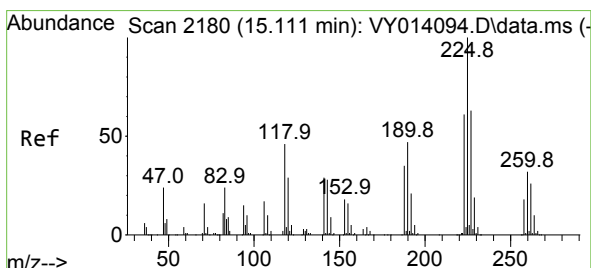
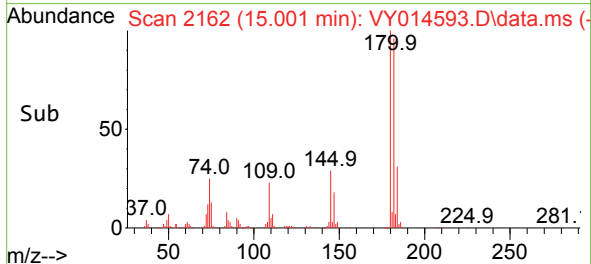
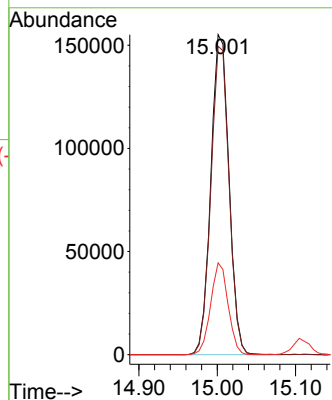
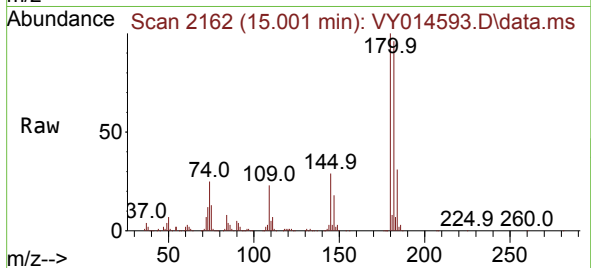




#93
1,2,4-Trichlorobenzene
Concen: 49.104 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

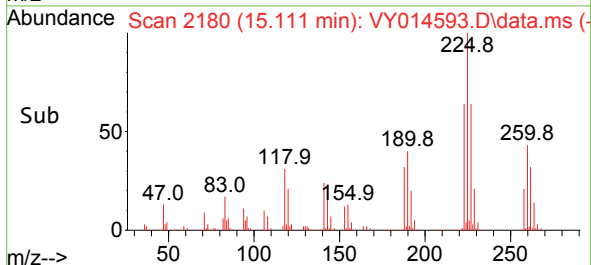
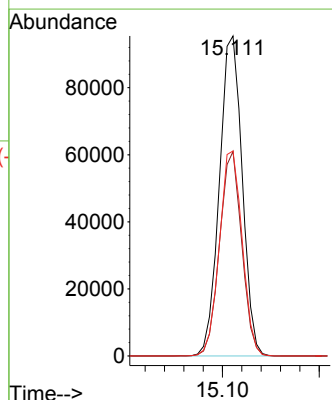
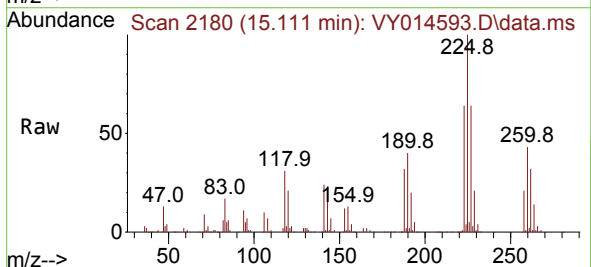
Instrument :
MSVOA_Y
ClientSampleId :

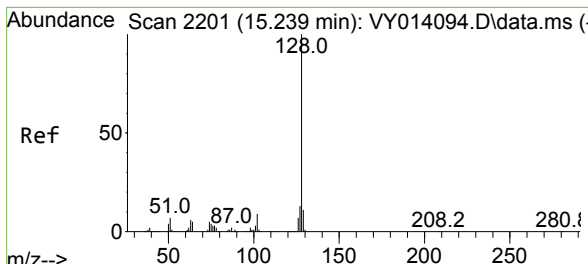
Tgt Ion:180 Resp: 249771
Ion Ratio Lower Upper
180 100
182 96.2 47.0 141.2
145 27.6 14.5 43.5



#94
Hexachlorobutadiene
Concen: 49.855 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Tgt Ion:225 Resp: 155859
Ion Ratio Lower Upper
225 100
223 61.9 31.9 95.9
227 64.1 33.0 98.9

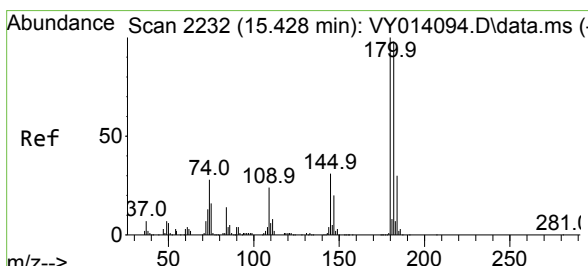
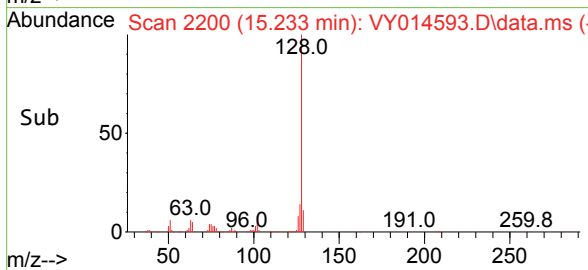
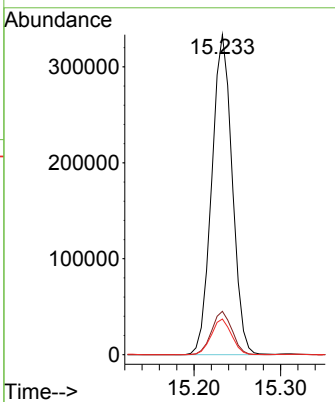
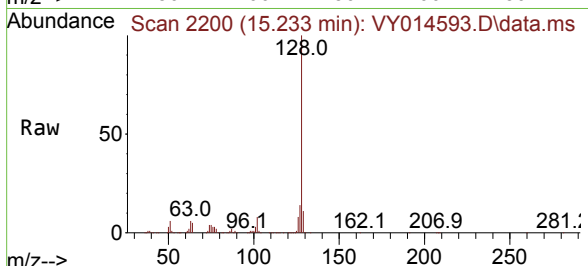




#95
 Naphthalene
 Concen: 50.559 ug/l
 RT: 15.233 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY014593.D
 Acq: 06 Jul 2023 17:07

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:	128	Resp:	547152
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.8	16.2
129	11.1	8.6	13.0



#96
 1,2,3-Trichlorobenzene
 Concen: 50.366 ug/l
 RT: 15.422 min Scan# 2231
 Delta R.T. -0.006 min
 Lab File: VY014593.D
 Acq: 06 Jul 2023 17:07

Tgt Ion:	180	Resp:	233430
Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.3	141.8
145	29.2	15.4	46.2

