

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062024\
 Data File : VY018651.D
 Acq On : 20 Jun 2024 12:47
 Operator : SY/MD
 Sample : VY0620SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 21 01:04:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	140761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	234305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	203660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100113	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	78098	55.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.220%	
35) Dibromofluoromethane	7.704	113	85218	59.622	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.240%	
50) Toluene-d8	10.173	98	323819	58.913	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 117.820%	
62) 4-Bromofluorobenzene	12.477	95	103107	59.405	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 118.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.894	85	17129	18.476	ug/l	98
3) Chloromethane	2.101	50	28657	15.008	ug/l	100
4) Vinyl Chloride	2.235	62	35636	15.071	ug/l	99
5) Bromomethane	2.625	94	27643	15.728	ug/l	97
6) Chloroethane	2.778	64	24483	15.806	ug/l	98
7) Trichlorofluoromethane	3.101	101	47833	18.785	ug/l	92
8) Diethyl Ether	3.509	74	13308	18.330	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.875	101	26631	20.017	ug/l	97
10) Methyl Iodide	4.076	142	23866	15.324	ug/l	99
11) Tert butyl alcohol	4.948	59	10207	40.041	ug/l #	87
12) 1,1-Dichloroethene	3.845	96	23878	17.859	ug/l	89
13) Acrolein	3.717	56	5979	72.956	ug/l	96
14) Allyl chloride	4.460	41	30314	16.818	ug/l	98
15) Acrylonitrile	5.143	53	29047	89.933	ug/l	99
16) Acetone	3.930	43	22748	78.897	ug/l	96
17) Carbon Disulfide	4.174	76	46426	13.160	ug/l	99
18) Methyl Acetate	4.460	43	12762	17.450	ug/l	96
19) Methyl tert-butyl Ether	5.204	73	64357	18.045	ug/l	99
20) Methylene Chloride	4.698	84	38822	15.702	ug/l	98
21) trans-1,2-Dichloroethene	5.204	96	26203	17.216	ug/l	88
22) Diisopropyl ether	6.094	45	75261	18.495	ug/l	92
23) Vinyl Acetate	6.039	43	223560	72.765	ug/l	99
24) 1,1-Dichloroethane	5.997	63	45868	17.496	ug/l	99
25) 2-Butanone	6.972	43	36932	85.454	ug/l	91
26) 2,2-Dichloropropane	6.960	77	37028	16.765	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	33163	18.039	ug/l	99
28) Bromochloromethane	7.320	49	19845	18.469	ug/l	98
29) Tetrahydrofuran	7.338	42	24071	90.757	ug/l	96
30) Chloroform	7.490	83	52314	18.311	ug/l	96
31) Cyclohexane	7.771	56	36411	16.773	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	44571	18.363	ug/l	99
36) 1,1-Dichloropropene	7.905	75	34588	17.581	ug/l	99
37) Ethyl Acetate	7.064	43	17896	19.296	ug/l	97
38) Carbon Tetrachloride	7.887	117	38276	18.544	ug/l	93
39) Methylcyclohexane	9.173	83	43276	17.952	ug/l	99
40) Benzene	8.149	78	108548	17.840	ug/l	100

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 ClientSampleId :

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	22199	47.591	ug/l #	15
42) 1,2-Dichloroethane	8.228	62	28007	17.644	ug/l	99
43) Isopropyl Acetate	8.265	43	31448	18.167	ug/l #	85
44) Trichloroethene	8.929	130	28667	17.996	ug/l	100
45) 1,2-Dichloropropane	9.209	63	25762	18.517	ug/l	98
46) Dibromomethane	9.301	93	16537	19.156	ug/l	96
47) Bromodichloromethane	9.490	83	39503	19.173	ug/l	97
48) Methyl methacrylate	9.283	41	13801	17.710	ug/l	96
49) 1,4-Dioxane	9.289	88	3730	328.535	ug/l #	97
51) 4-Methyl-2-Pentanone	10.063	43	84970	93.190	ug/l	97
52) Toluene	10.240	92	71239	18.236	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	32310	17.945	ug/l	94
54) cis-1,3-Dichloropropene	9.923	75	39402	18.134	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	22542	19.632	ug/l	97
56) Ethyl methacrylate	10.508	69	27659	18.409	ug/l	91
57) 1,3-Dichloropropane	10.782	76	34775	18.232	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	72143	99.460	ug/l	100
59) 2-Hexanone	10.825	43	58744	91.977	ug/l	96
60) Dibromochloromethane	10.977	129	27242	19.099	ug/l	98
61) 1,2-Dibromoethane	11.087	107	20346	19.174	ug/l	97
64) Tetrachloroethene	10.715	164	28800	19.827	ug/l	97
65) Chlorobenzene	11.508	112	82974	19.722	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	26843	19.039	ug/l	99
67) Ethyl Benzene	11.587	91	136487	18.697	ug/l	96
68) m/p-Xylenes	11.697	106	109030	38.383	ug/l	99
69) o-Xylene	12.026	106	51097	18.706	ug/l	99
70) Styrene	12.038	104	87386	19.365	ug/l	98
71) Bromoform	12.203	173	14683	18.980	ug/l #	99
73) Isopropylbenzene	12.325	105	135654	18.556	ug/l	99
74) N-amyl acetate	12.142	43	29279	19.558	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.575	83	25136	19.364	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	29381	31.286	ug/l #	100
77) Bromobenzene	12.605	156	31950	18.898	ug/l	98
78) n-propylbenzene	12.666	91	162632	19.009	ug/l	99
79) 2-Chlorotoluene	12.752	91	90446	18.728	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	109950	18.977	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	6722	18.749	ug/l	91
82) 4-Chlorotoluene	12.849	91	93391	19.203	ug/l	98
83) tert-Butylbenzene	13.069	119	99907	18.631	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	109688	18.941	ug/l	100
85) sec-Butylbenzene	13.251	105	152030	19.878	ug/l	99
86) p-Isopropyltoluene	13.367	119	126233	19.469	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	64174	18.819	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	65346	19.528	ug/l	98
89) n-Butylbenzene	13.690	91	117724	20.144	ug/l	98
90) Hexachloroethane	13.959	117	22551	19.146	ug/l	95
91) 1,2-Dichlorobenzene	13.733	146	57243	19.651	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.349	75	3112	16.557	ug/l	85
93) 1,2,4-Trichlorobenzene	15.001	180	33373	20.564	ug/l	98
94) Hexachlorobutadiene	15.105	225	17778	21.320	ug/l	96
95) Naphthalene	15.233	128	61732	20.355	ug/l	99
96) 1,2,3-Trichlorobenzene	15.416	180	29401	21.441	ug/l	99

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

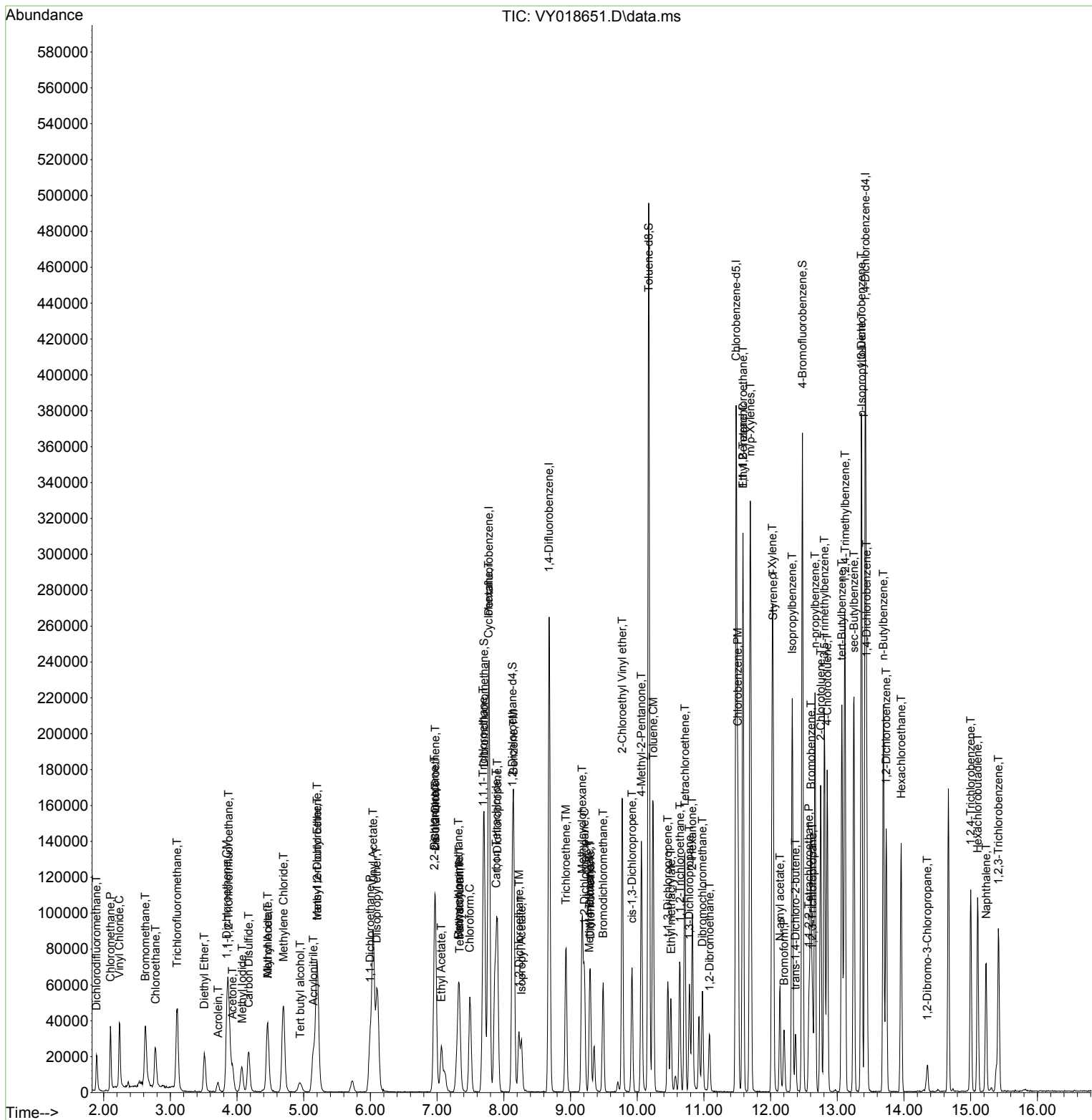
Instrument :
MSVOA_Y
ClientSampleId :

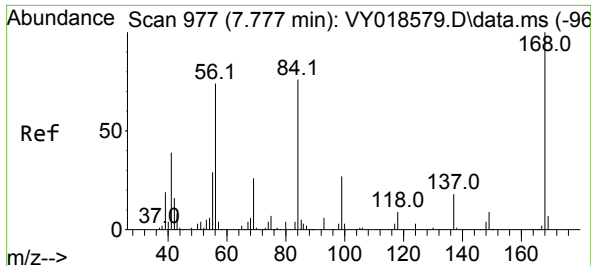
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Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration

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

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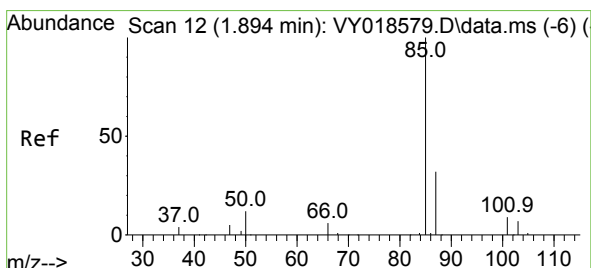
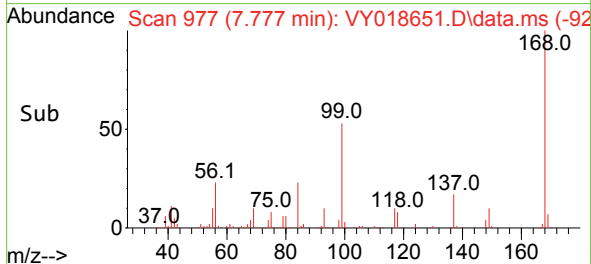
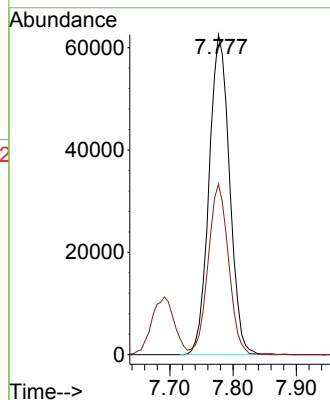
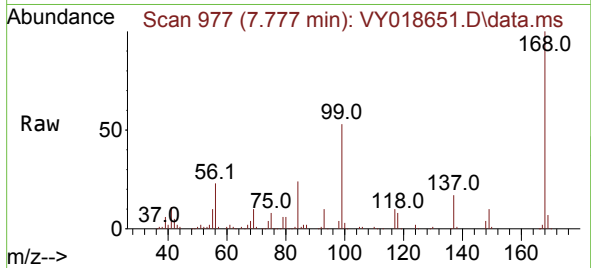




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018651.D
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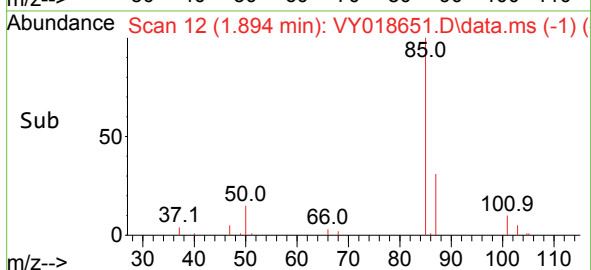
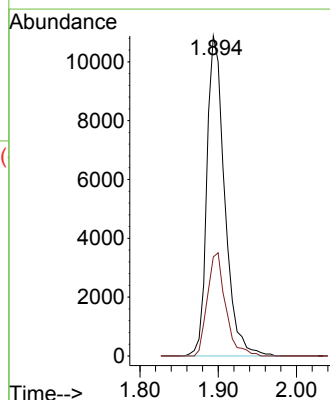
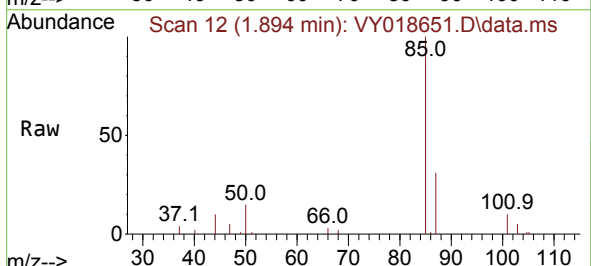
Instrument :
MSVOA_Y
ClientSampleId :

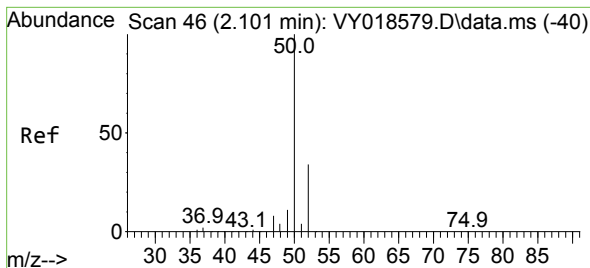
Tgt Ion:168 Resp: 140761
Ion Ratio Lower Upper
168 100
99 53.1 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 18.476 ug/l
RT: 1.894 min Scan# 12
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

Tgt Ion: 85 Resp: 17129
Ion Ratio Lower Upper
85 100
87 30.9 16.0 48.0





#3

Chloromethane

Concen: 15.008 ug/l

RT: 2.101 min Scan# 40

Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

Instrument :

MSVOA_Y

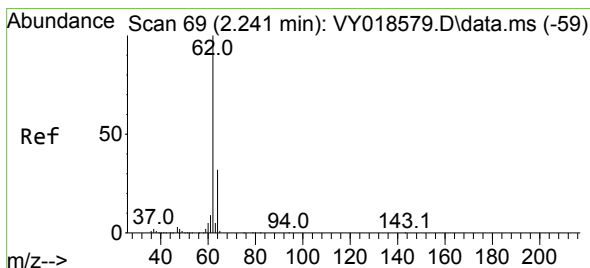
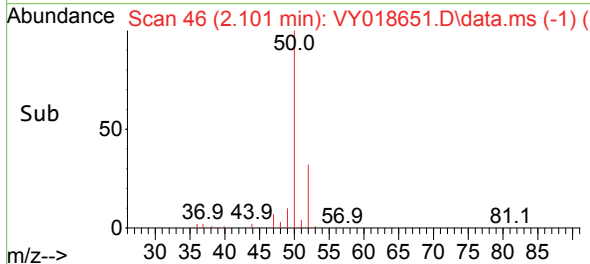
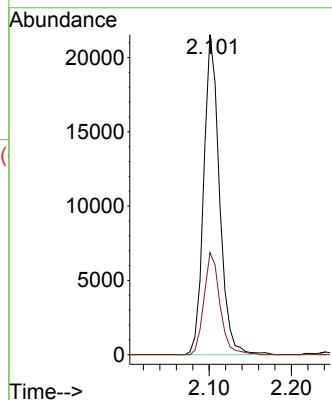
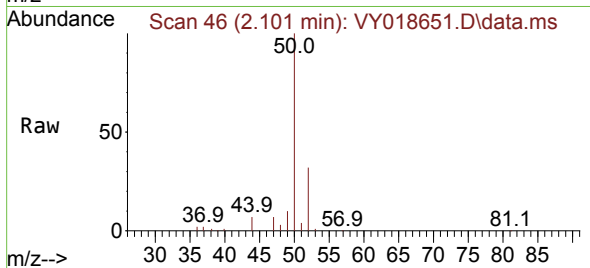
ClientSampleId :

Tgt Ion: 50 Resp: 28657

Ion Ratio Lower Upper

50 100

52 31.9 25.6 38.4



#4

Vinyl Chloride

Concen: 15.071 ug/l

RT: 2.235 min Scan# 68

Delta R.T. -0.006 min

Lab File: VY018651.D

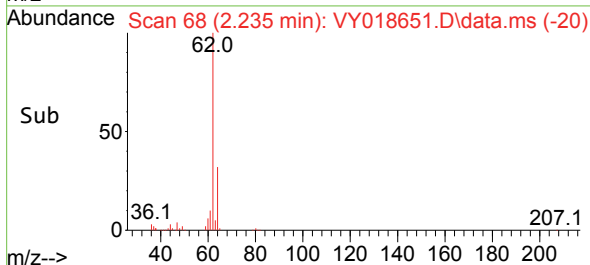
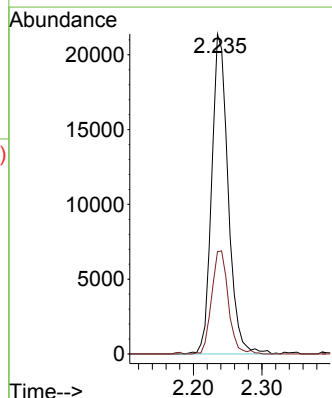
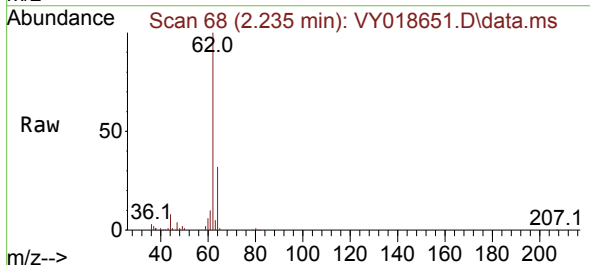
Acq: 20 Jun 2024 12:47

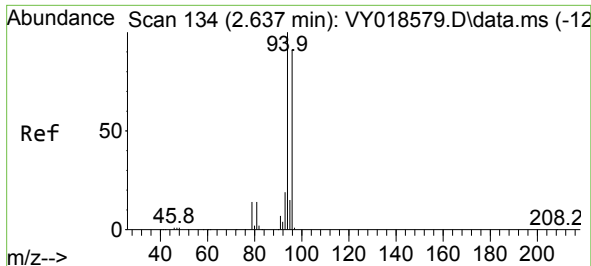
Tgt Ion: 62 Resp: 35636

Ion Ratio Lower Upper

62 100

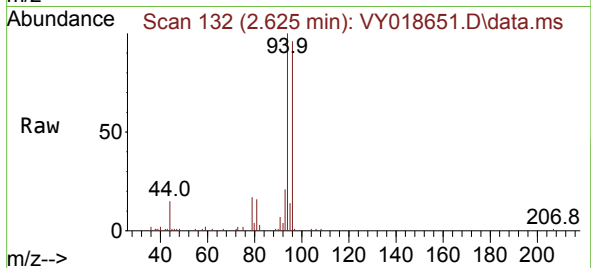
64 32.0 26.1 39.1



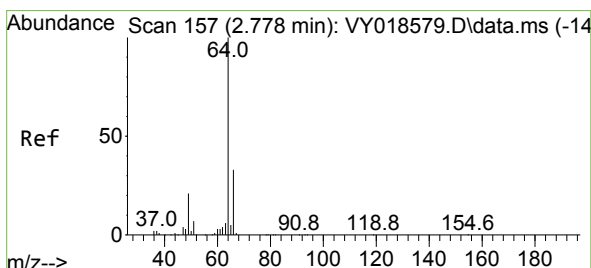
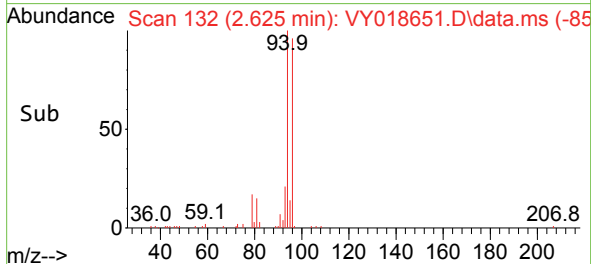
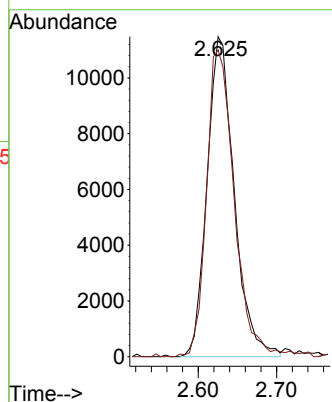


#5
Bromomethane
Concen: 15.728 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

Instrument :
MSVOA_Y
ClientSampleId :

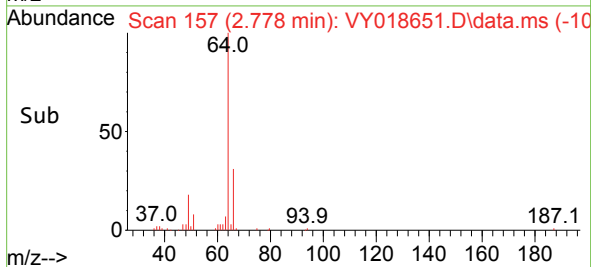
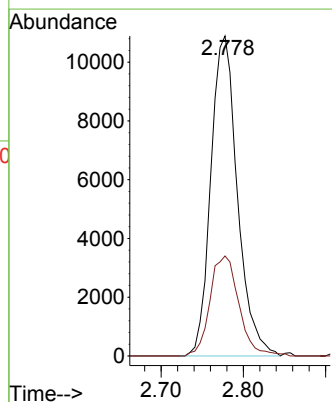
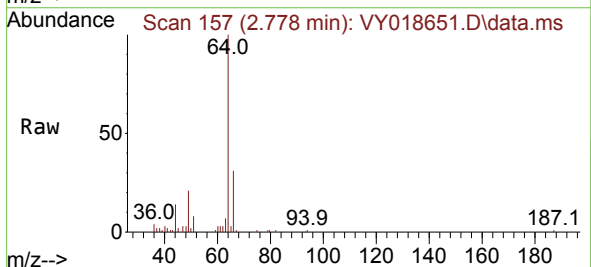


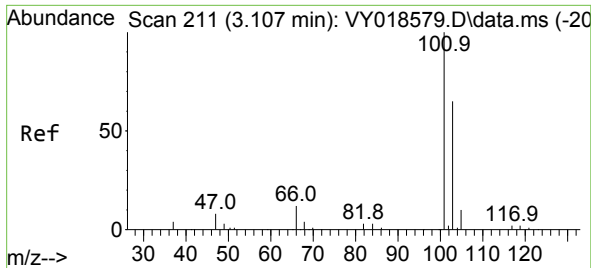
Tgt Ion: 94 Resp: 27643
Ion Ratio Lower Upper
94 100
96 95.0 74.1 111.1



#6
Chloroethane
Concen: 15.806 ug/l
RT: 2.778 min Scan# 157
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

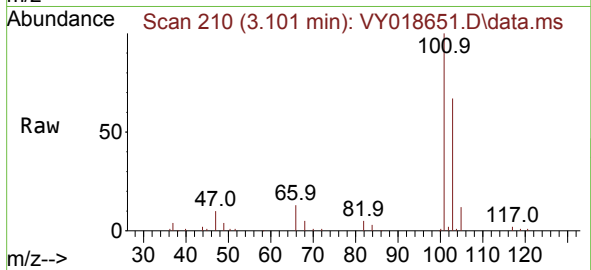
Tgt Ion: 64 Resp: 24483
Ion Ratio Lower Upper
64 100
66 31.3 26.1 39.1



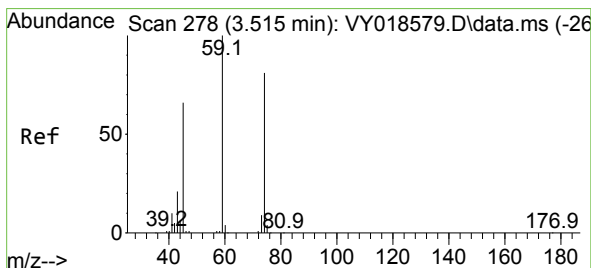
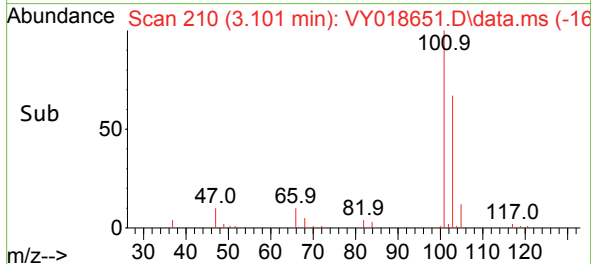
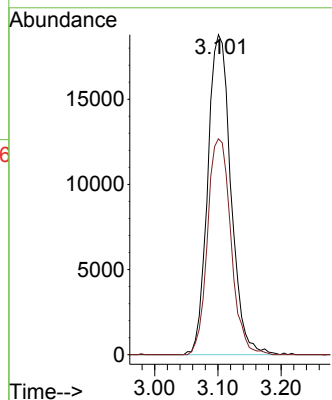


#7
Trichlorofluoromethane
Concen: 18.785 ug/l
RT: 3.101 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

Instrument :
MSVOA_Y
ClientSampleId :

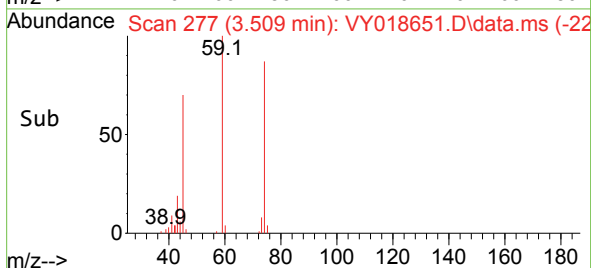
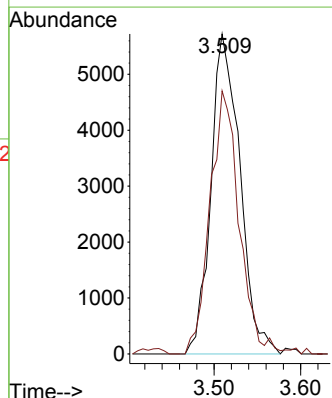
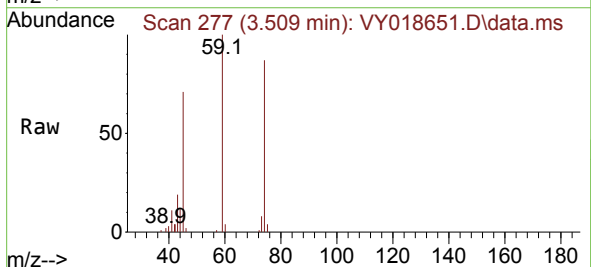


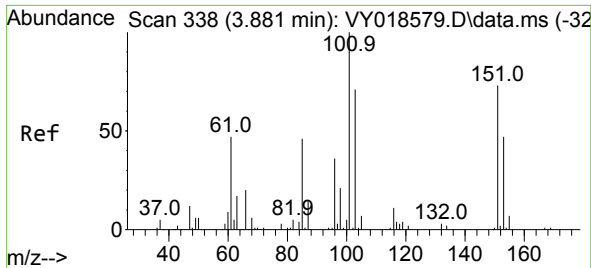
Tgt Ion:101 Resp: 47833
Ion Ratio Lower Upper
101 100
103 67.5 49.3 73.9



#8
Diethyl Ether
Concen: 18.330 ug/l
RT: 3.509 min Scan# 277
Delta R.T. -0.006 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

Tgt Ion: 74 Resp: 13308
Ion Ratio Lower Upper
74 100
45 82.8 41.3 124.1

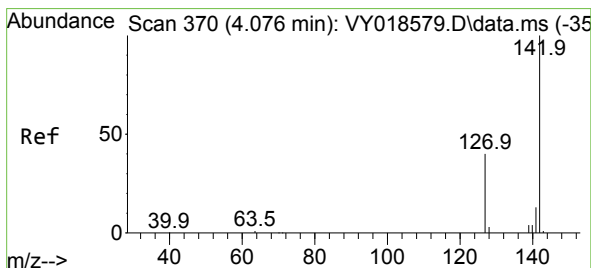
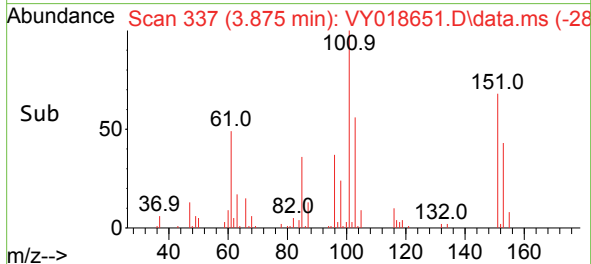
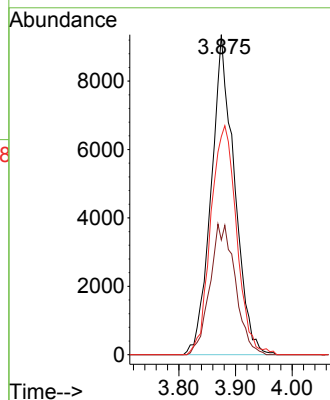
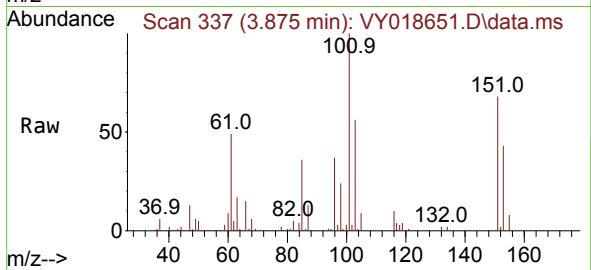




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.017 ug/l
RT: 3.875 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

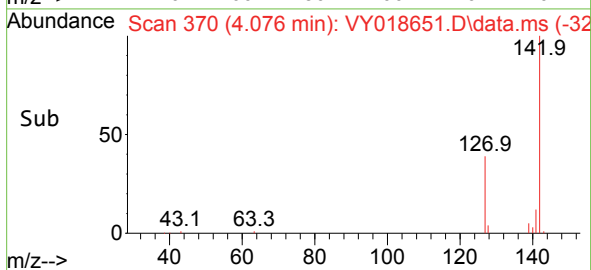
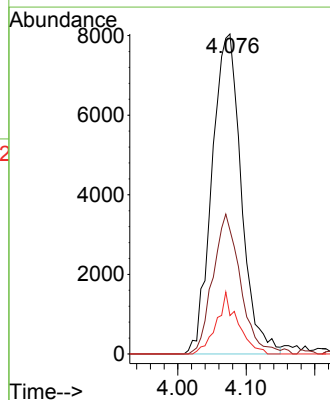
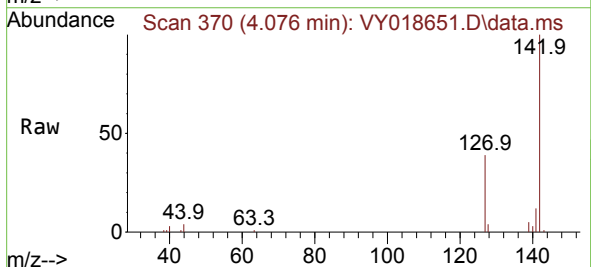
Instrument :
MSVOA_Y
ClientSampleId :

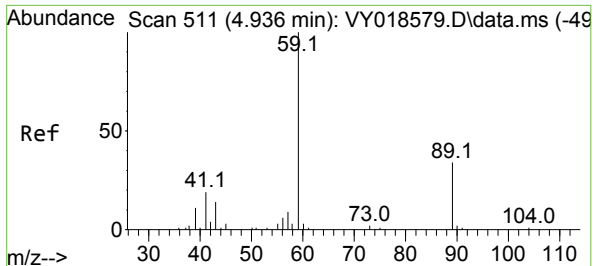
Tgt Ion:101 Resp: 26631
Ion Ratio Lower Upper
101 100
85 44.7 34.5 51.7
151 79.7 61.7 92.5



#10
Methyl Iodide
Concen: 15.324 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

Tgt Ion:142 Resp: 23866
Ion Ratio Lower Upper
142 100
127 41.5 32.8 49.2
141 14.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 40.041 ug/l

RT: 4.948 min Scan# 511

Delta R.T. 0.012 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

Instrument :

MSVOA_Y

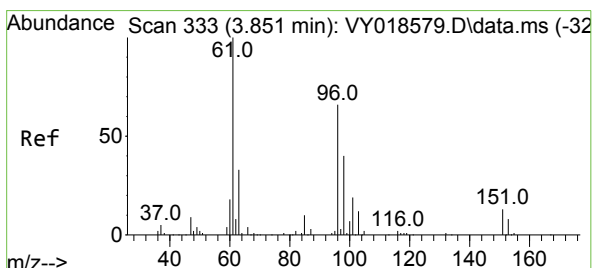
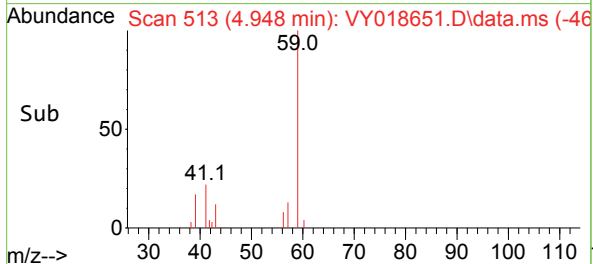
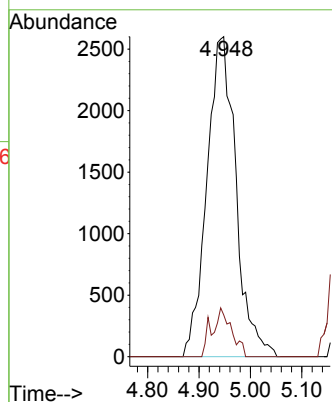
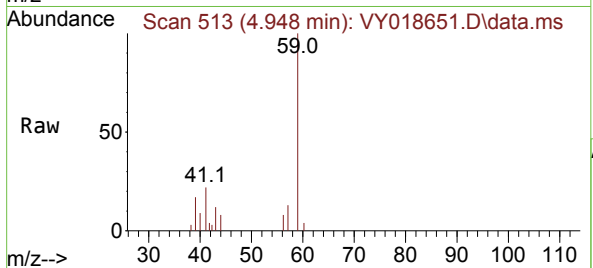
ClientSampleId :

Tgt Ion: 59 Resp: 10207

Ion Ratio Lower Upper

59 100

57 8.1 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 17.859 ug/l

RT: 3.845 min Scan# 332

Delta R.T. -0.006 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

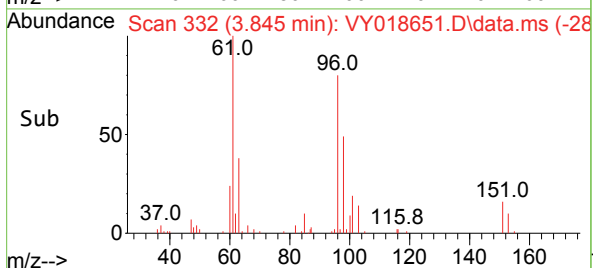
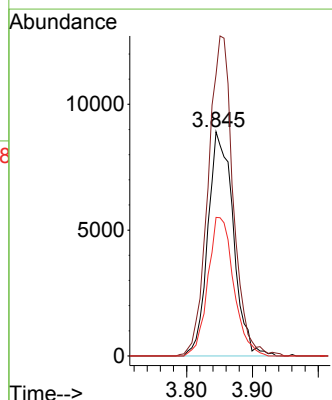
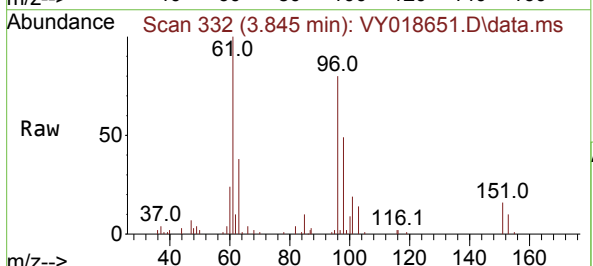
Tgt Ion: 96 Resp: 23878

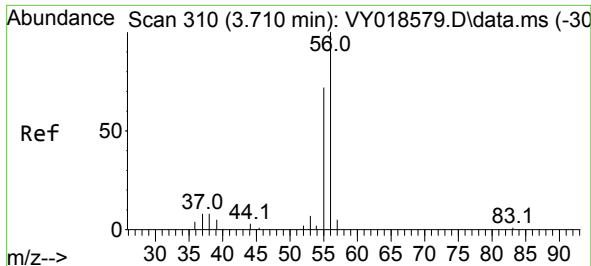
Ion Ratio Lower Upper

96 100

61 124.9 114.6 171.8

98 61.8 50.8 76.2





#13

Acrolein

Concen: 72.956 ug/l

RT: 3.717 min Scan# 311

Delta R.T. 0.007 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

Instrument :

MSVOA_Y

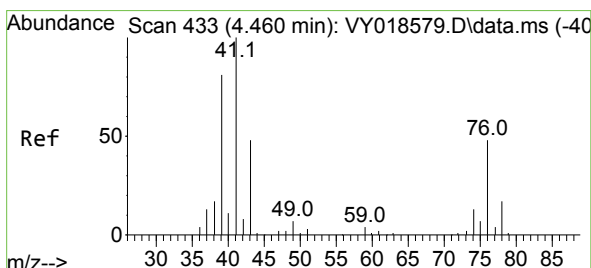
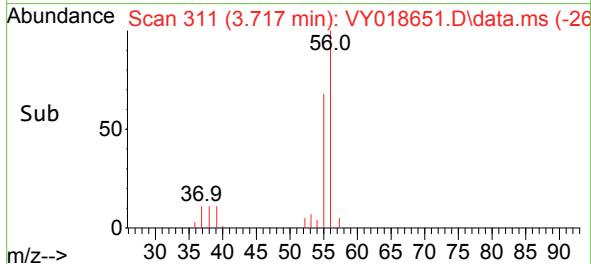
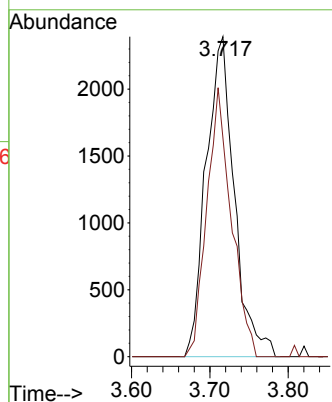
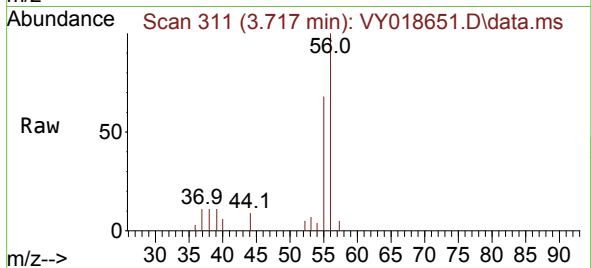
ClientSampleId :

Tgt Ion: 56 Resp: 5979

Ion Ratio Lower Upper

56 100

55 73.0 55.7 83.5



#14

Allyl chloride

Concen: 16.818 ug/l

RT: 4.460 min Scan# 433

Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

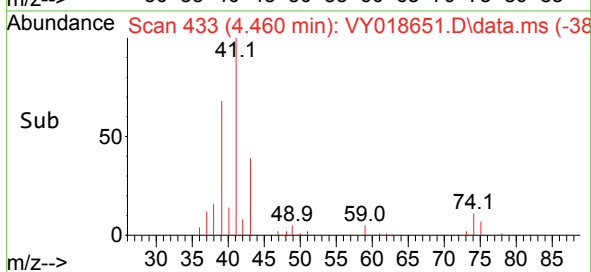
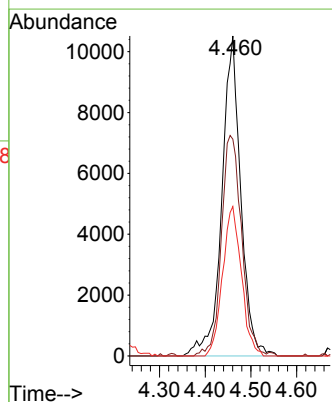
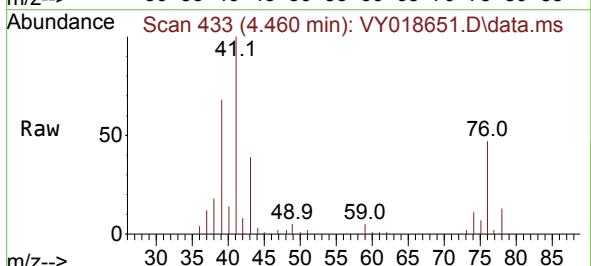
Tgt Ion: 41 Resp: 30314

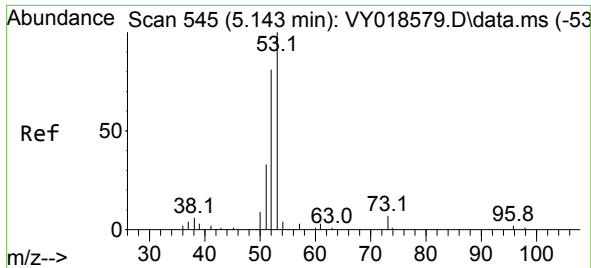
Ion Ratio Lower Upper

41 100

39 73.3 58.3 87.5

76 46.3 39.0 58.6





#15

Acrylonitrile

Concen: 89.933 ug/l

RT: 5.143 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

Instrument :

MSVOA_Y

ClientSampleId :

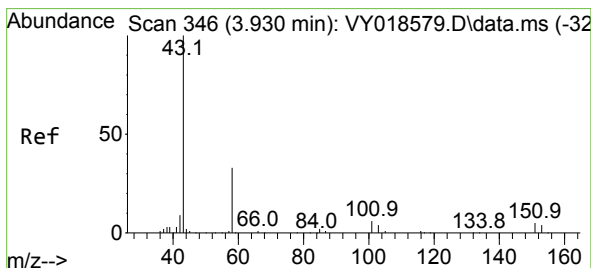
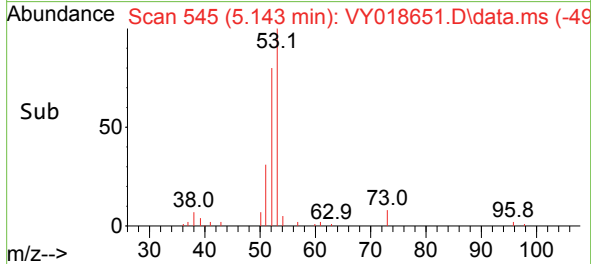
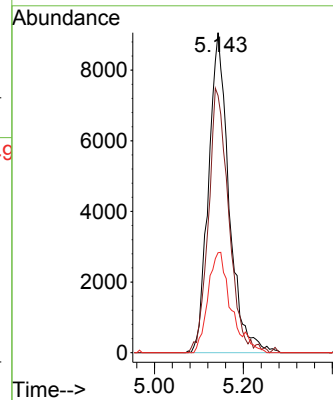
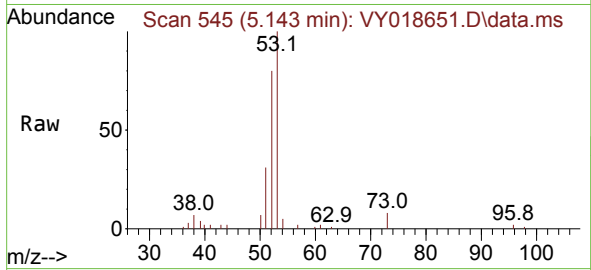
Tgt Ion: 53 Resp: 29047

Ion Ratio Lower Upper

53 100

52 82.1 64.7 97.1

51 35.3 28.4 42.6



#16

Acetone

Concen: 78.897 ug/l

RT: 3.930 min Scan# 346

Delta R.T. 0.000 min

Lab File: VY018651.D

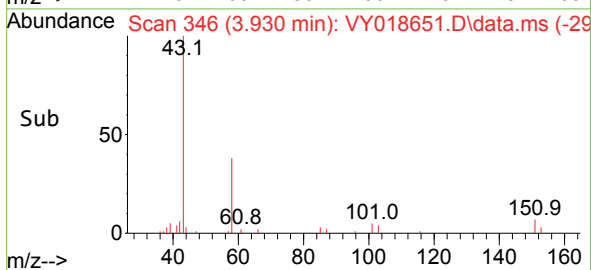
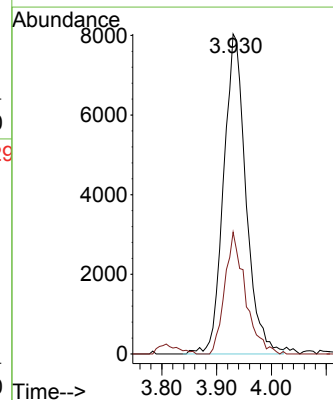
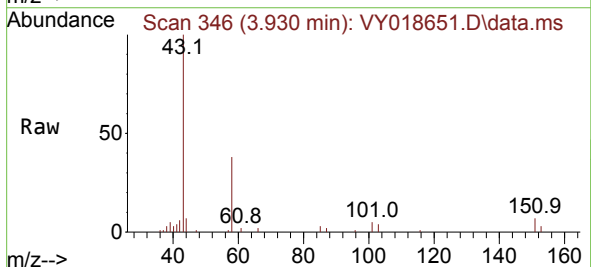
Acq: 20 Jun 2024 12:47

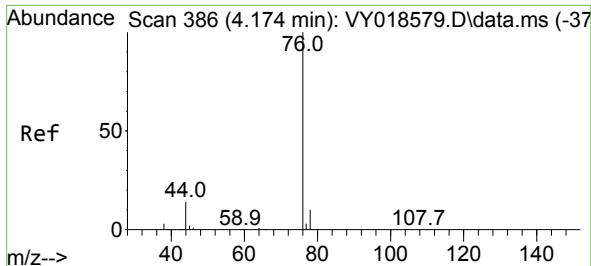
Tgt Ion: 43 Resp: 22748

Ion Ratio Lower Upper

43 100

58 37.3 31.7 47.5

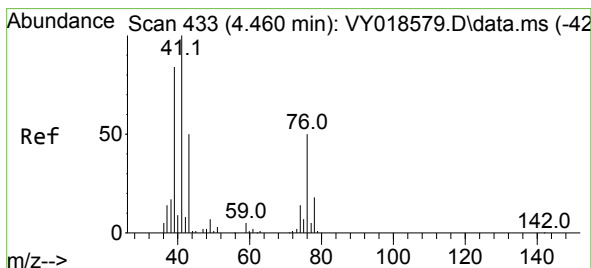
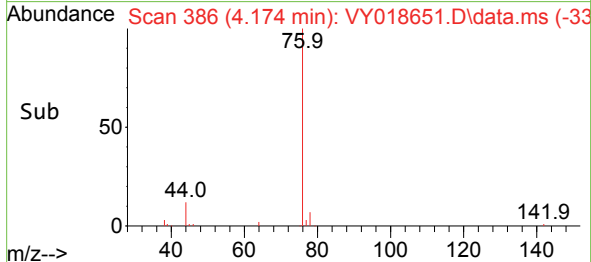
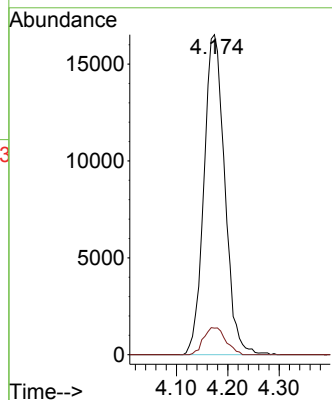
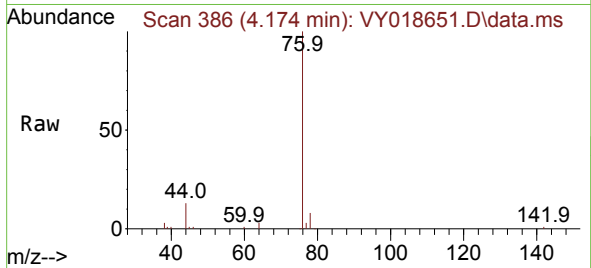




#17
Carbon Disulfide
Concen: 13.160 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

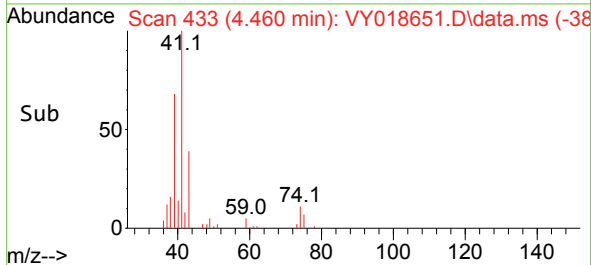
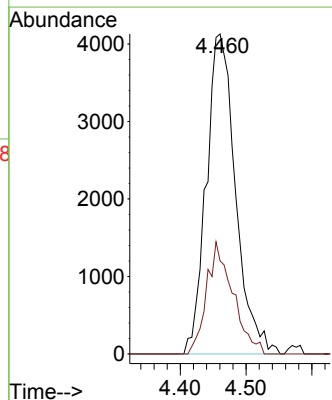
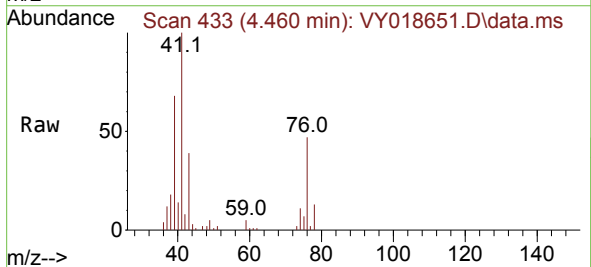
Instrument :
MSVOA_Y
ClientSampleId :

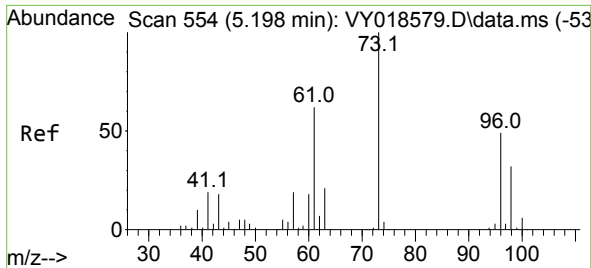
Tgt Ion: 76 Resp: 46426
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2



#18
Methyl Acetate
Concen: 17.450 ug/l
RT: 4.460 min Scan# 433
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

Tgt Ion: 43 Resp: 12762
Ion Ratio Lower Upper
43 100
74 31.5 23.3 34.9

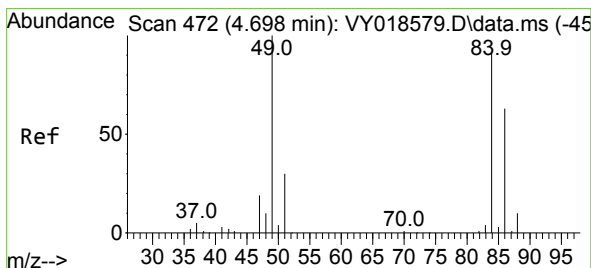
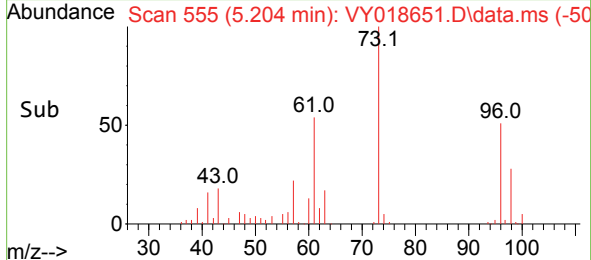
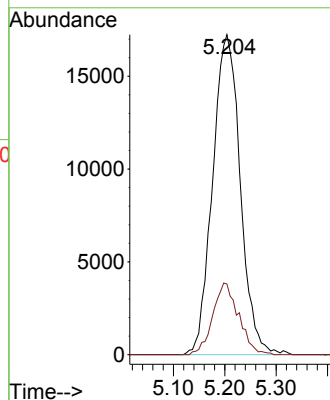
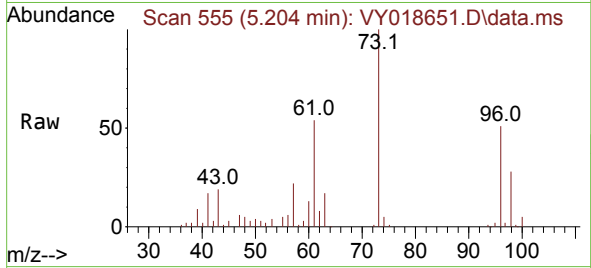




#19
Methyl tert-butyl Ether
Concen: 18.045 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

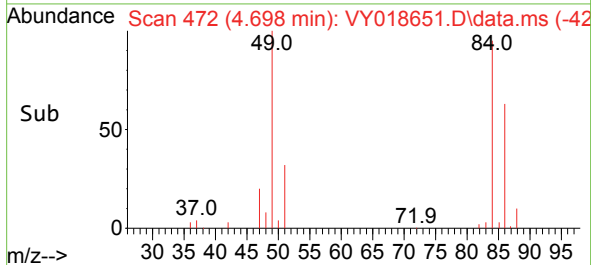
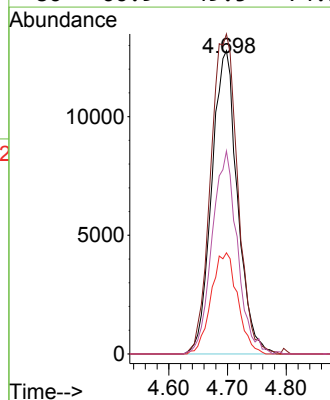
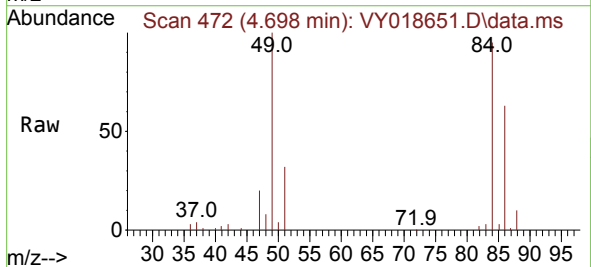
Instrument :
MSVOA_Y
ClientSampleId :

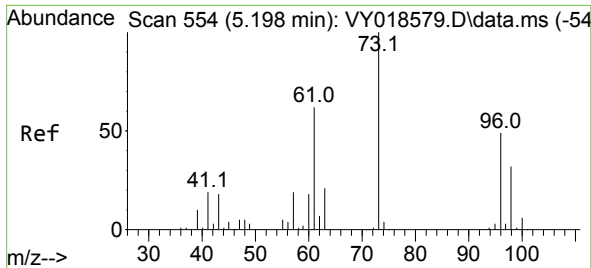
Tgt Ion: 73 Resp: 64357
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#20
Methylene Chloride
Concen: 15.702 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

Tgt Ion: 84 Resp: 38822
Ion Ratio Lower Upper
84 100
49 105.5 84.4 126.6
51 33.4 26.0 39.0
86 66.9 49.5 74.3

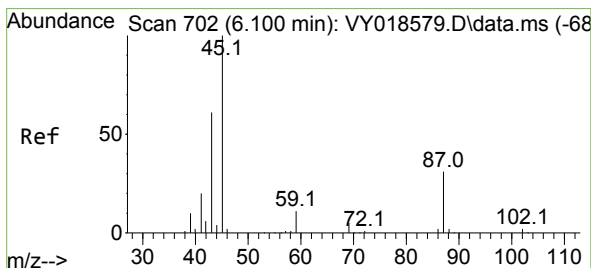
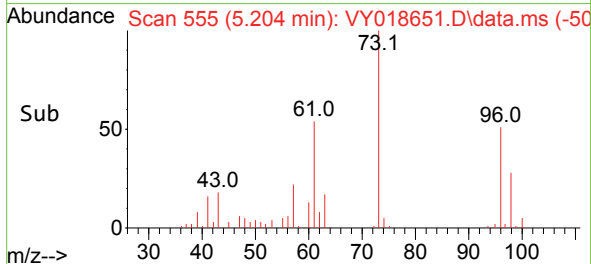
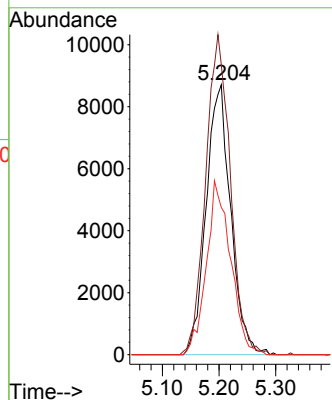
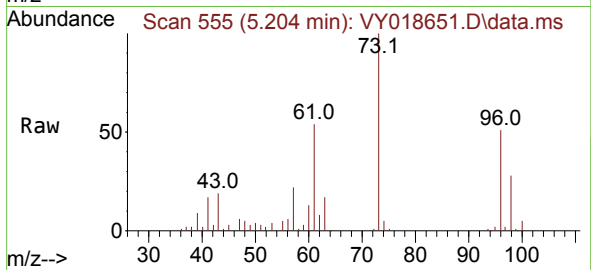




#21
trans-1,2-Dichloroethene
Concen: 17.216 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

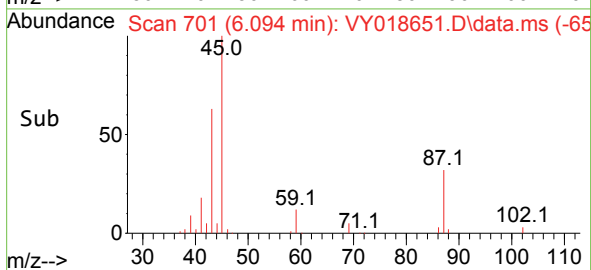
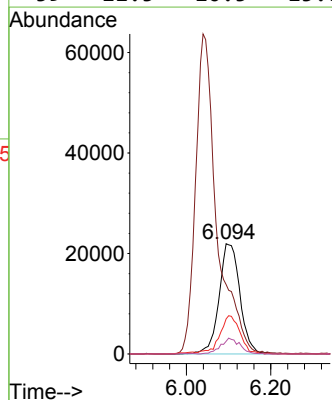
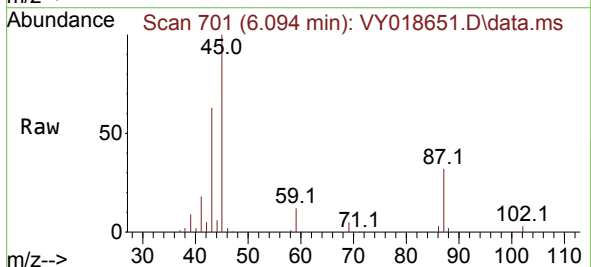
Instrument :
MSVOA_Y
ClientSampleId :

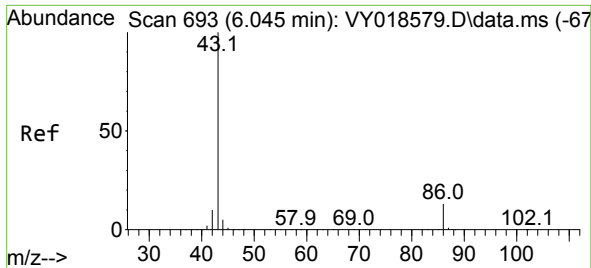
Tgt Ion: 96 Resp: 26203
Ion Ratio Lower Upper
96 100
61 107.4 97.5 146.3
98 54.5 50.5 75.7



#22
Diisopropyl ether
Concen: 18.495 ug/l
RT: 6.094 min Scan# 701
Delta R.T. -0.006 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

Tgt Ion: 45 Resp: 75261
Ion Ratio Lower Upper
45 100
43 62.1 42.2 63.2
87 31.8 25.0 37.6
59 11.5 10.5 15.7

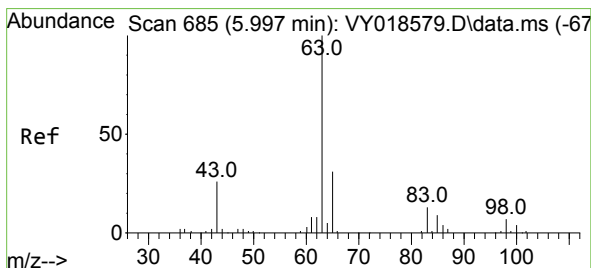
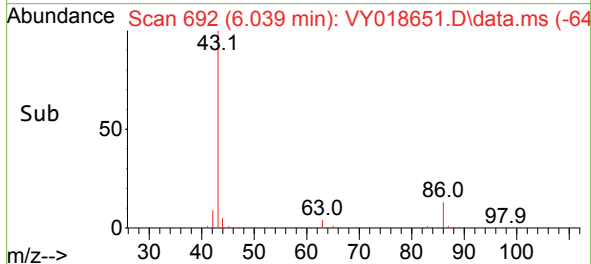
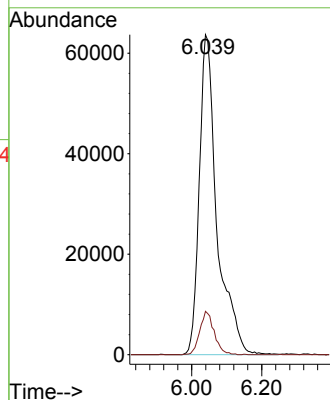
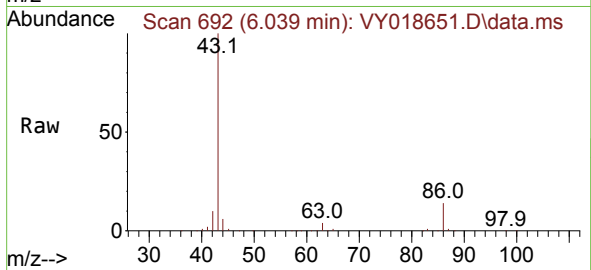




#23
 Vinyl Acetate
 Concen: 72.765 ug/l
 RT: 6.039 min Scan# 693
 Delta R.T. -0.006 min
 Lab File: VY018651.D
 Acq: 20 Jun 2024 12:47

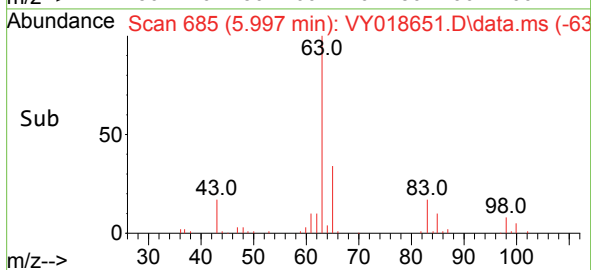
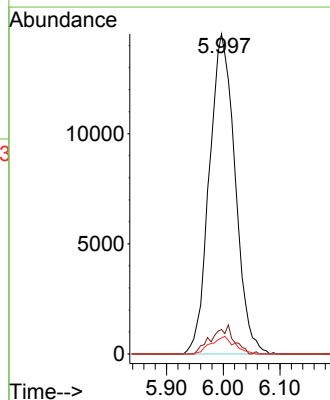
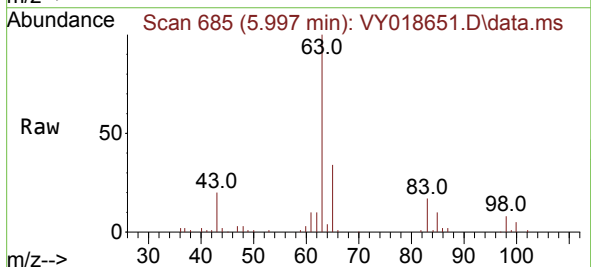
Instrument :
 MSVOA_Y
 ClientSampleId :

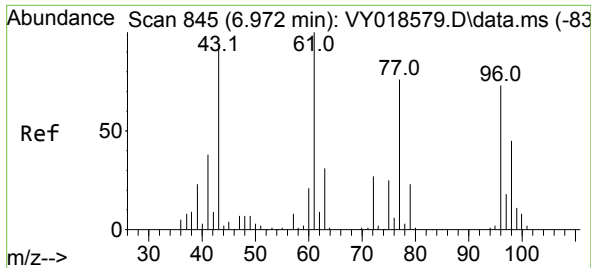
Tgt Ion: 43 Resp: 223560
 Ion Ratio Lower Upper
 43 100
 86 13.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 17.496 ug/l
 RT: 5.997 min Scan# 685
 Delta R.T. 0.000 min
 Lab File: VY018651.D
 Acq: 20 Jun 2024 12:47

Tgt Ion: 63 Resp: 45868
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 12.2
 100 5.0 2.6 8.0

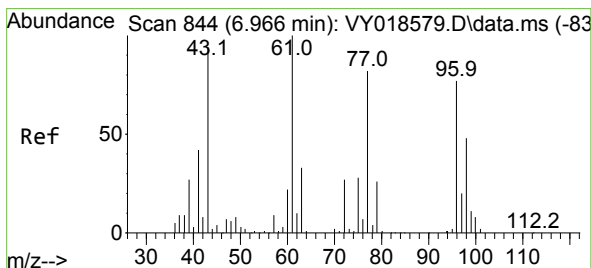
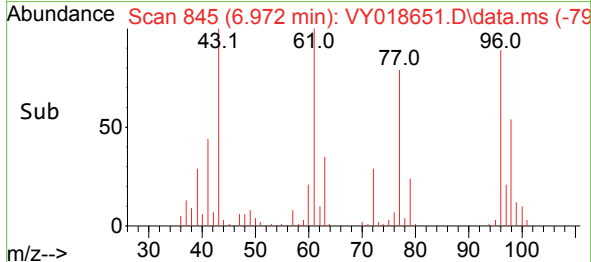
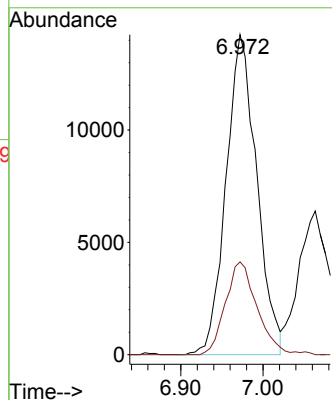
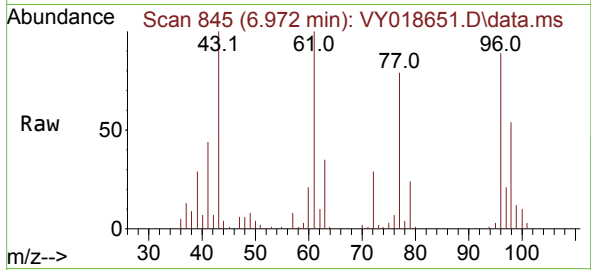




#25
2-Butanone
Concen: 85.454 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

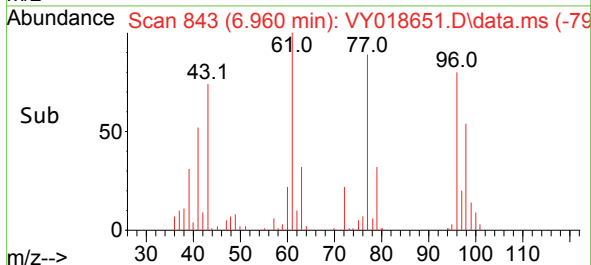
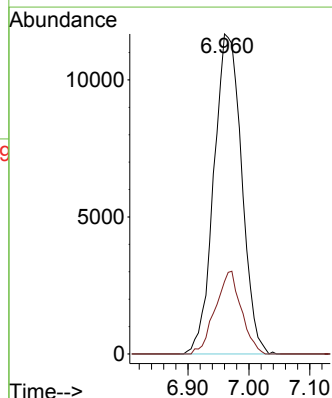
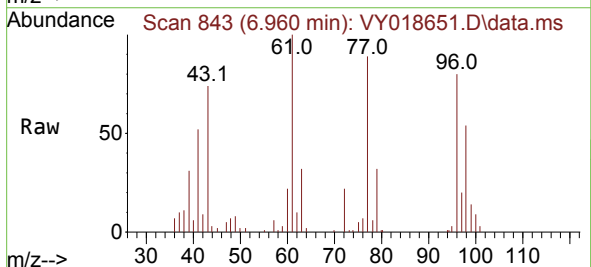
Instrument :
MSVOA_Y
ClientSampleId :

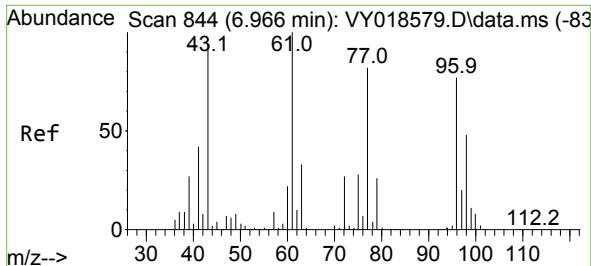
Tgt Ion: 43 Resp: 36932
Ion Ratio Lower Upper
43 100
72 29.0 27.3 40.9



#26
2,2-Dichloropropane
Concen: 16.765 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.006 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

Tgt Ion: 77 Resp: 37028
Ion Ratio Lower Upper
77 100
97 24.1 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 18.039 ug/l

RT: 6.972 min Scan# 844

Delta R.T. 0.006 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

Instrument :

MSVOA_Y

ClientSampleId :

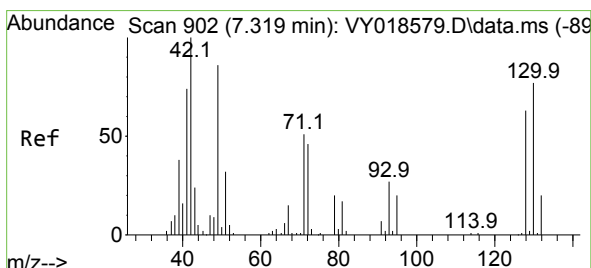
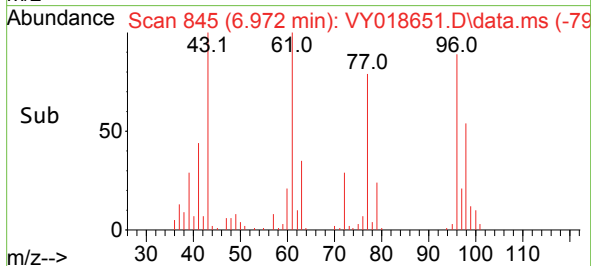
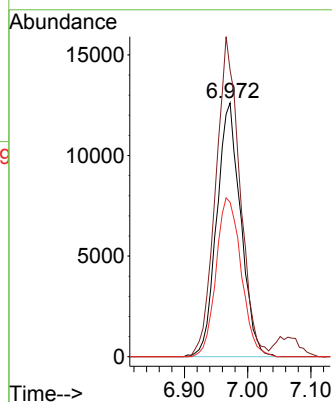
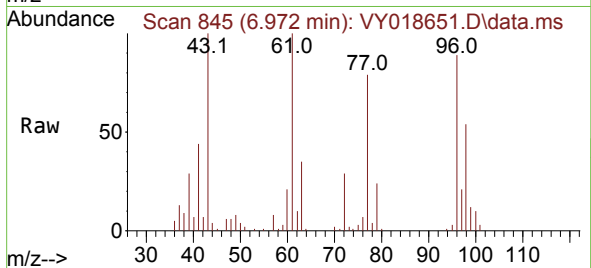
Tgt Ion: 96 Resp: 33163

Ion Ratio Lower Upper

96 100

61 126.9 0.0 256.2

98 65.6 0.0 130.0



#28

Bromochloromethane

Concen: 18.469 ug/l

RT: 7.320 min Scan# 902

Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

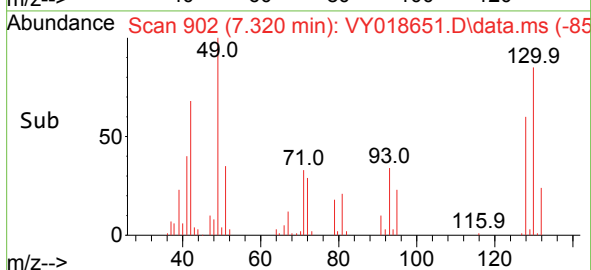
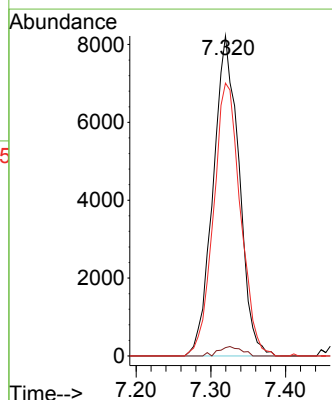
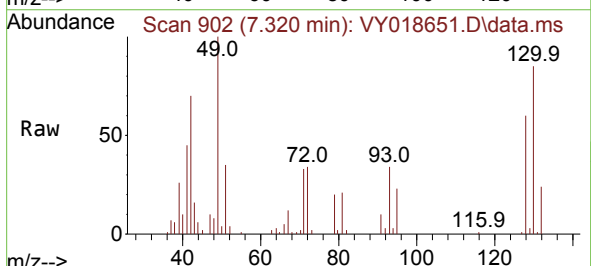
Tgt Ion: 49 Resp: 19845

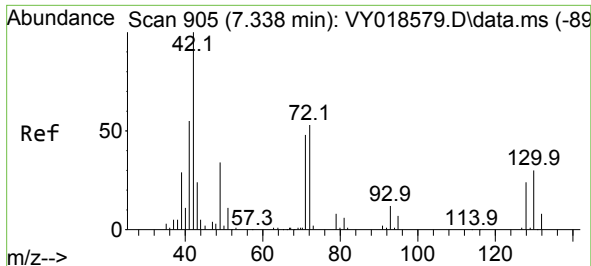
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 88.6 72.7 109.1

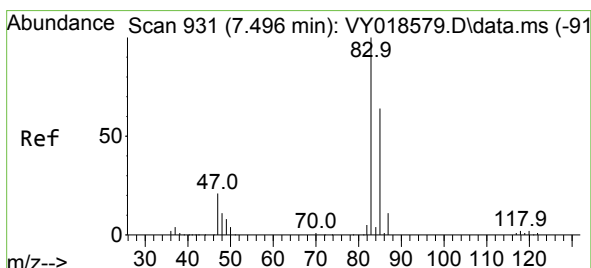
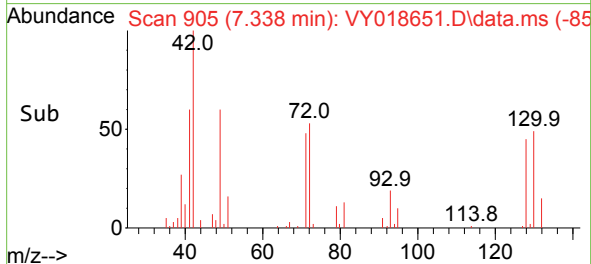
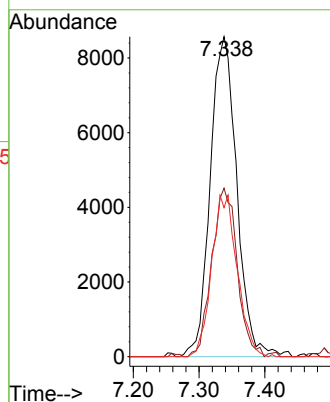
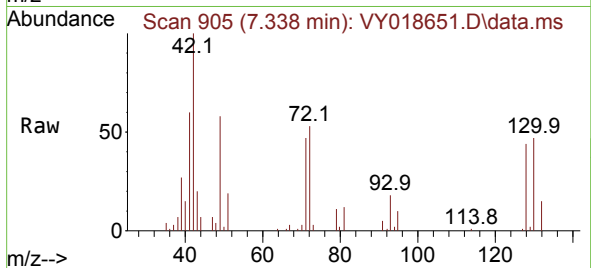




#29
Tetrahydrofuran
Concen: 90.757 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

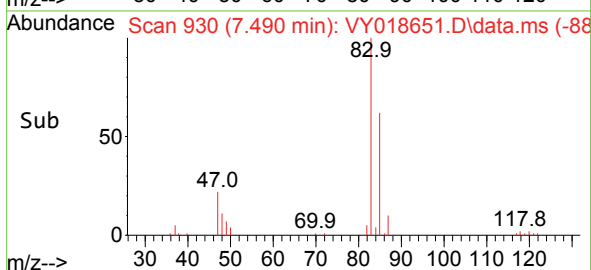
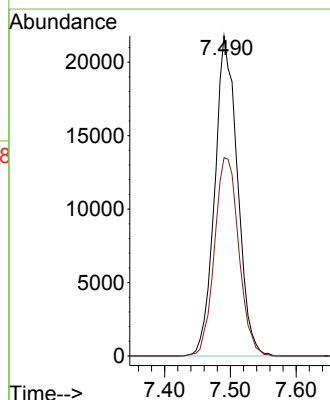
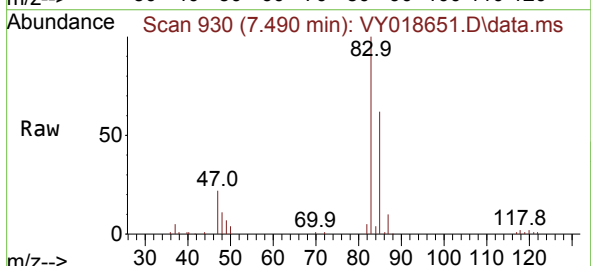
Instrument :
MSVOA_Y
ClientSampleId :

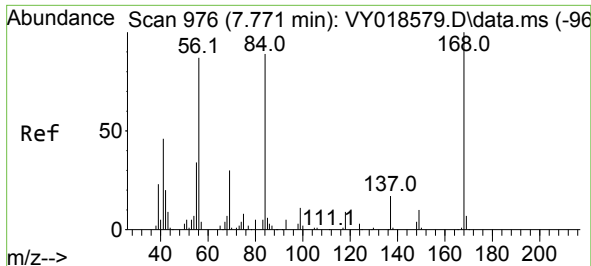
Tgt Ion:	42	Resp:	24071
Ion	Ratio	Lower	Upper
42	100		
72	50.5	43.0	64.4
71	48.8	40.8	61.2



#30
Chloroform
Concen: 18.311 ug/l
RT: 7.490 min Scan# 930
Delta R.T. -0.006 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

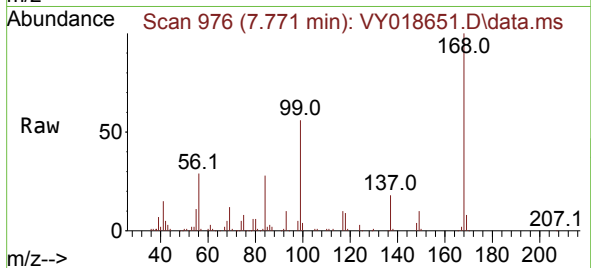
Tgt Ion:	83	Resp:	52314
Ion	Ratio	Lower	Upper
83	100		
85	62.0	52.2	78.4



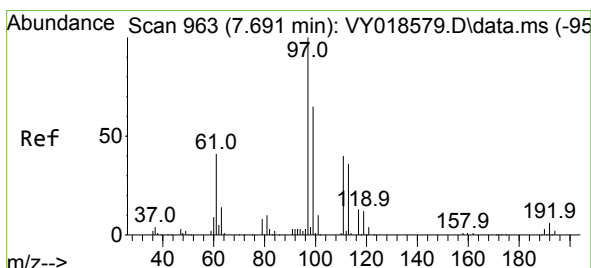
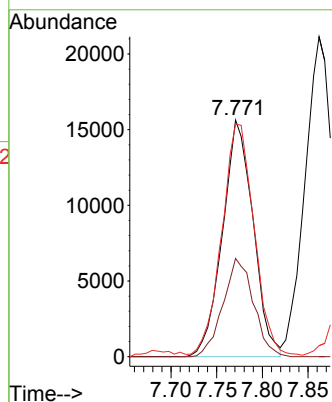
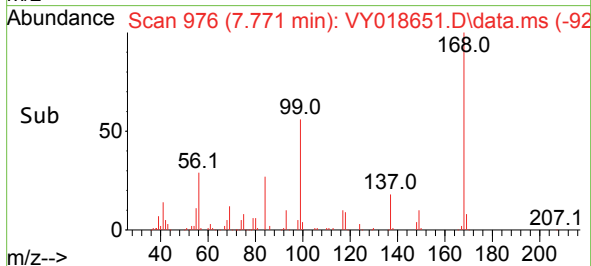


#31
Cyclohexane
Concen: 16.773 ug/l
RT: 7.771 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

Instrument :
MSVOA_Y
ClientSampleId :

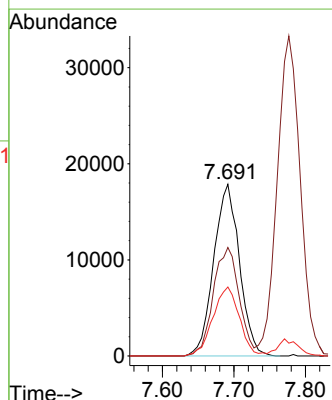
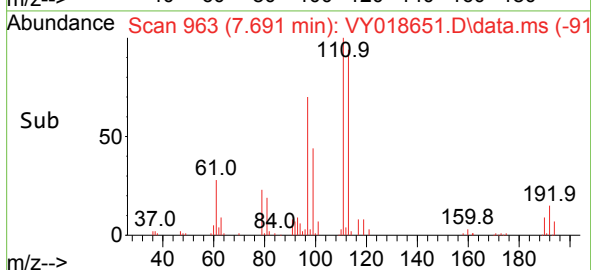
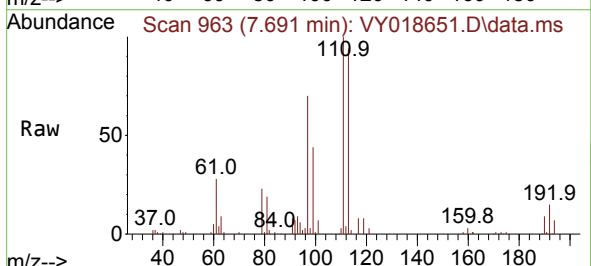


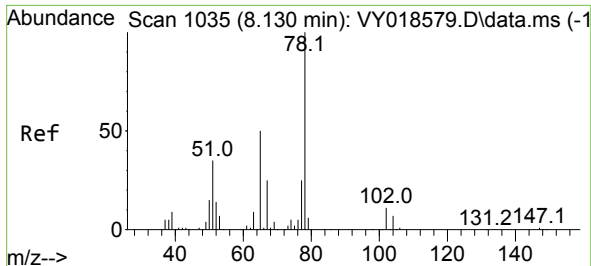
Tgt Ion: 56 Resp: 36411
Ion Ratio Lower Upper
56 100
69 41.5 28.7 43.1
84 96.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 18.363 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

Tgt Ion: 97 Resp: 44571
Ion Ratio Lower Upper
97 100
99 63.5 50.3 75.5
61 41.2 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 55.108 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

Instrument :

MSVOA_Y

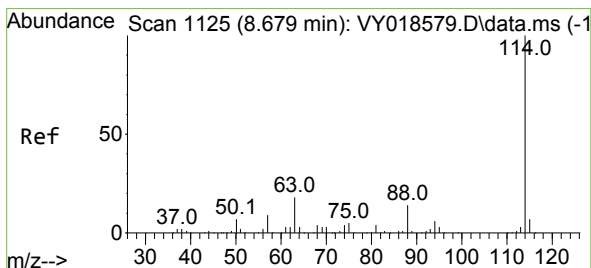
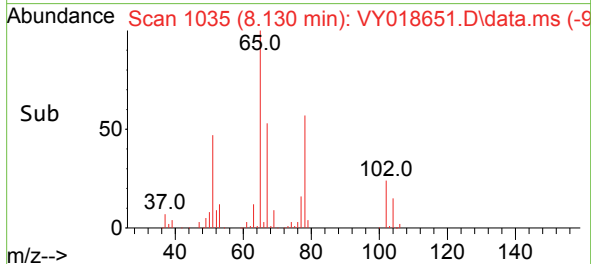
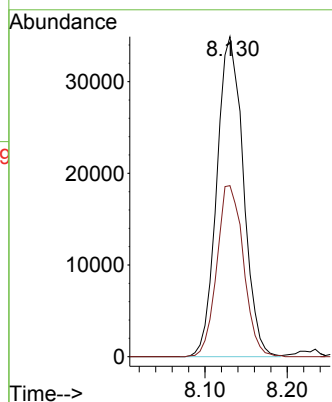
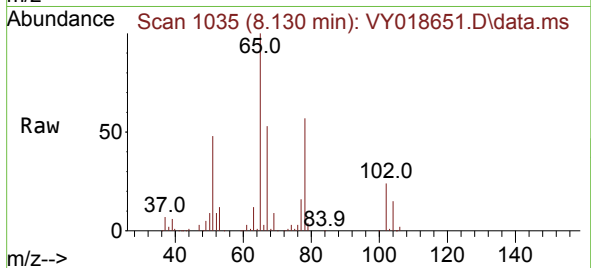
ClientSampleId :

Tgt Ion: 65 Resp: 78098

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

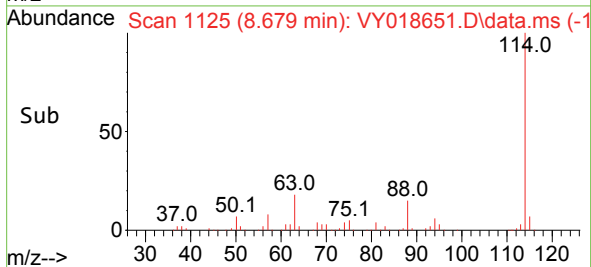
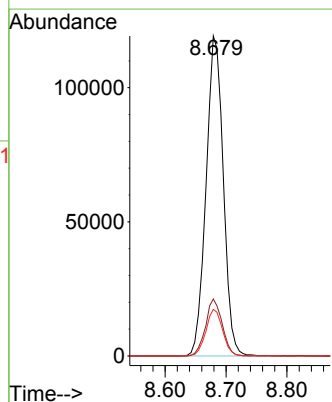
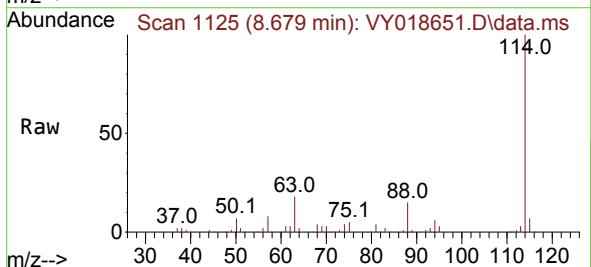
Tgt Ion: 114 Resp: 234305

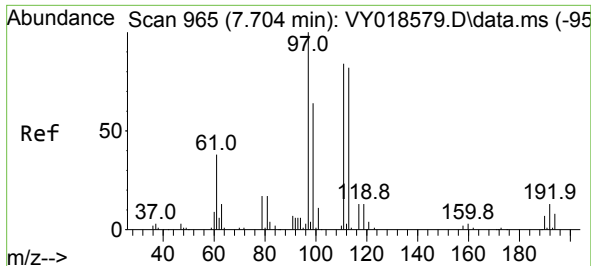
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 14.5 0.0 27.2

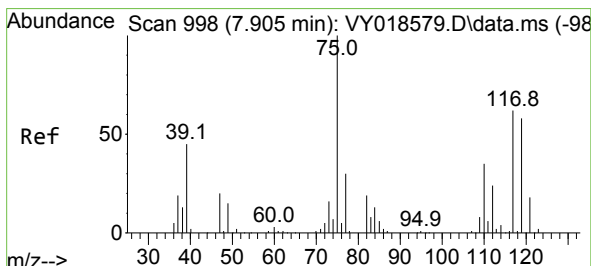
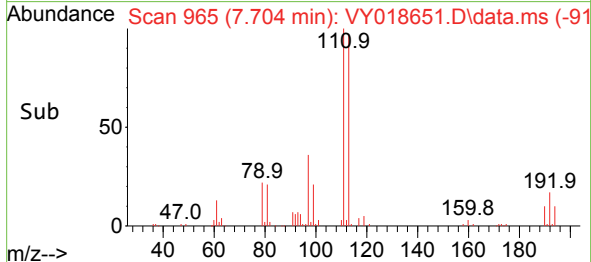
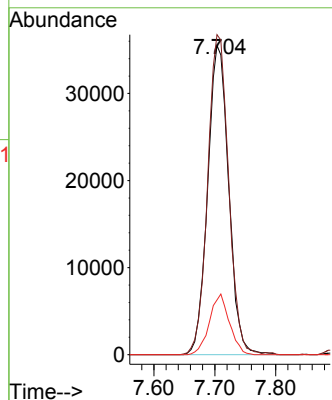
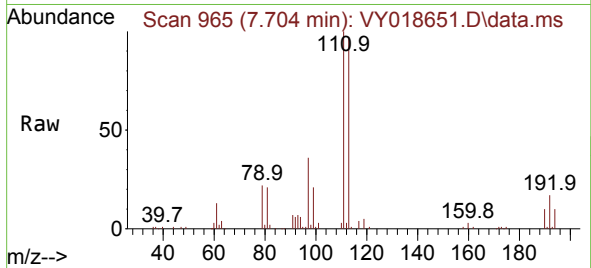




#35
Dibromofluoromethane
Concen: 59.622 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

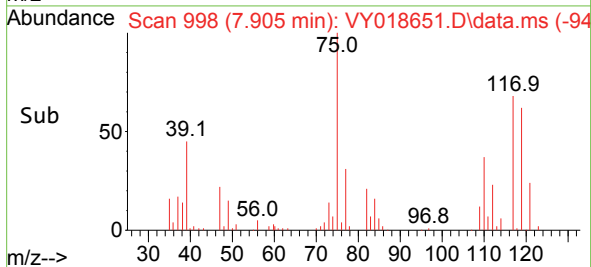
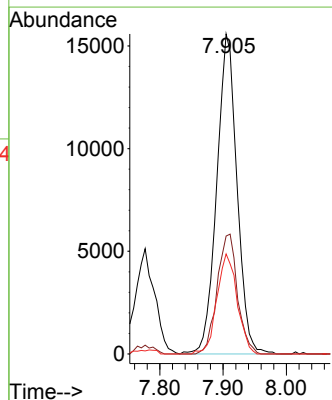
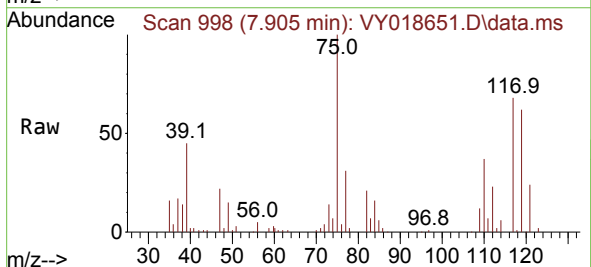
Instrument :
MSVOA_Y
ClientSampleId :

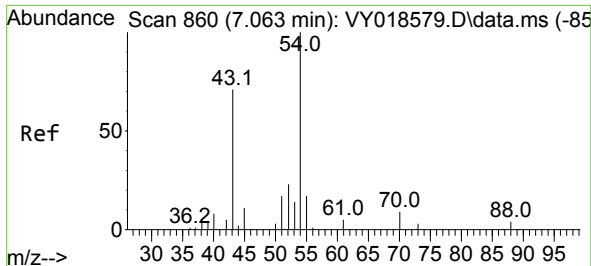
Tgt Ion:113 Resp: 85218
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 18.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 17.581 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

Tgt Ion: 75 Resp: 34588
Ion Ratio Lower Upper
75 100
110 37.6 19.0 57.0
77 31.3 25.3 37.9





#37

Ethyl Acetate

Concen: 19.296 ug/l

RT: 7.064 min Scan# 860

Delta R.T. 0.000 min

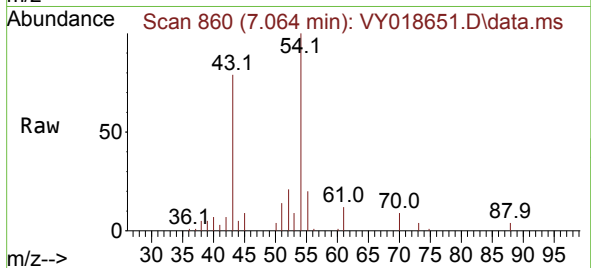
Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

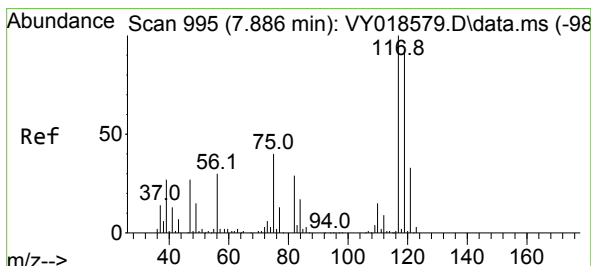
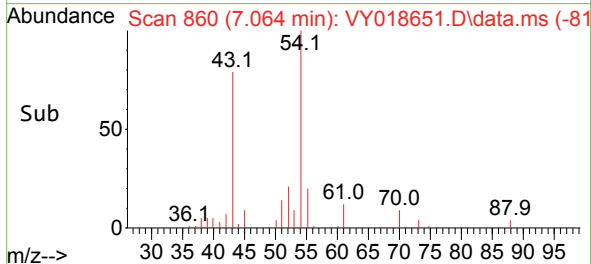
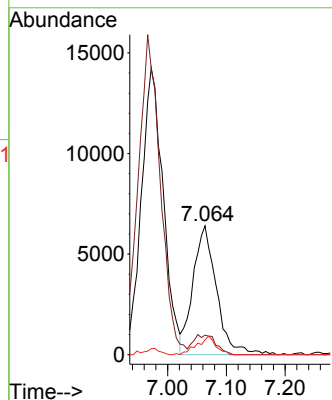
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp: 17896
Ion Ratio	Lower Upper
43 100	
61 14.8	12.6 19.0
70 11.3	7.8 11.8



#38

Carbon Tetrachloride

Concen: 18.544 ug/l

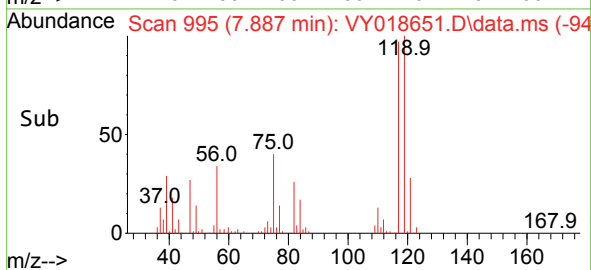
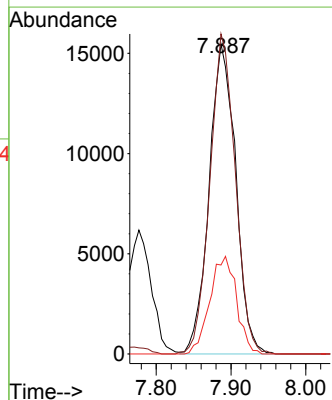
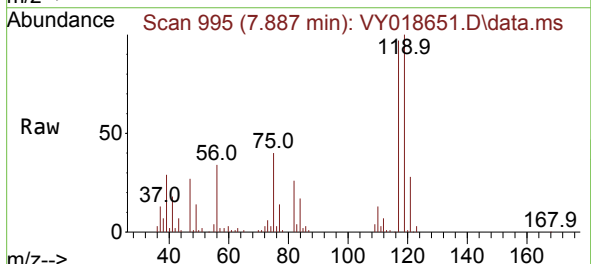
RT: 7.887 min Scan# 995

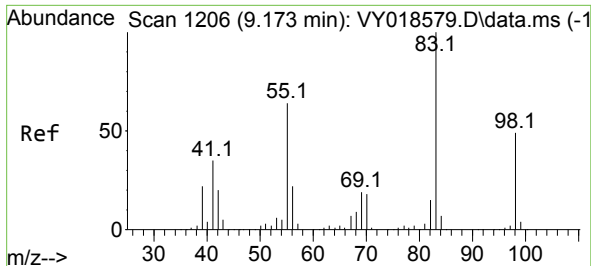
Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

Tgt Ion:117	Resp:	38276	
Ion	Ratio	Lower	Upper
117	100		
119	103.2	75.8	113.6
121	28.7	24.0	36.0





#39

Methylcyclohexane

Concen: 17.952 ug/l

RT: 9.173 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

Instrument :

MSVOA_Y

ClientSampleId :

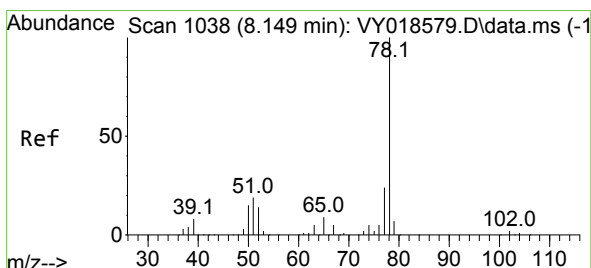
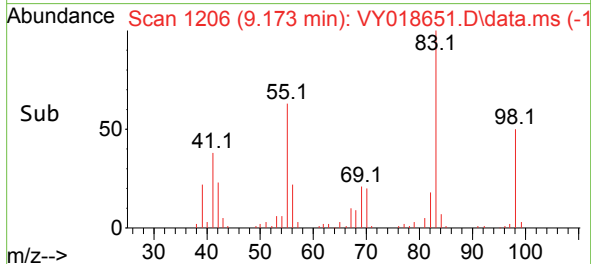
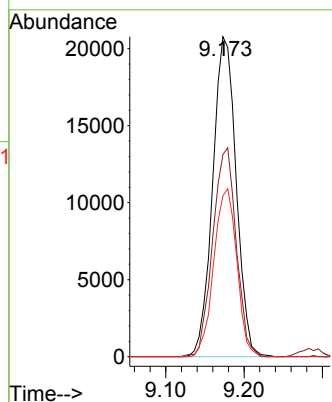
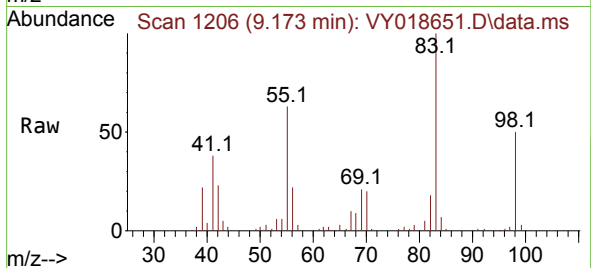
Tgt Ion: 83 Resp: 43276

Ion Ratio Lower Upper

83 100

55 63.2 51.5 77.3

98 50.3 40.5 60.7



#40

Benzene

Concen: 17.840 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY018651.D

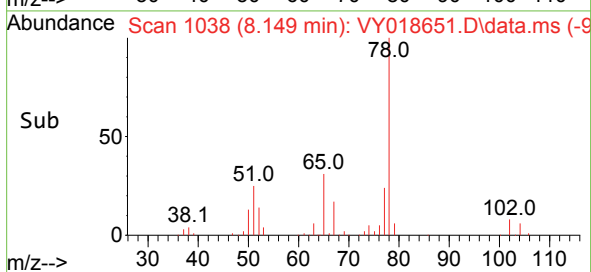
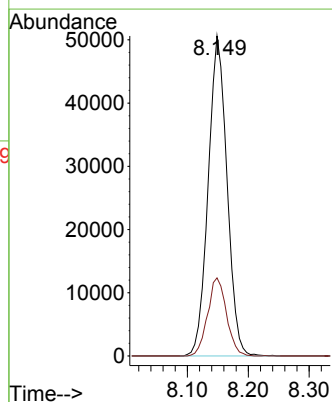
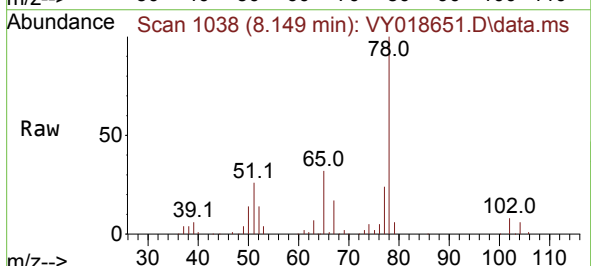
Acq: 20 Jun 2024 12:47

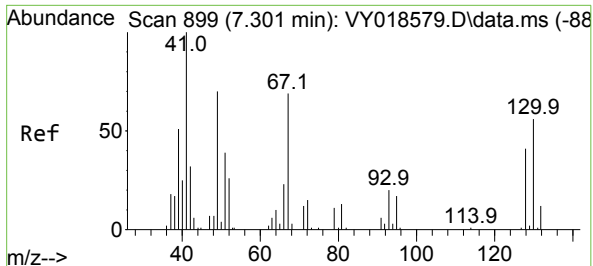
Tgt Ion: 78 Resp: 108548

Ion Ratio Lower Upper

78 100

77 24.4 19.5 29.3

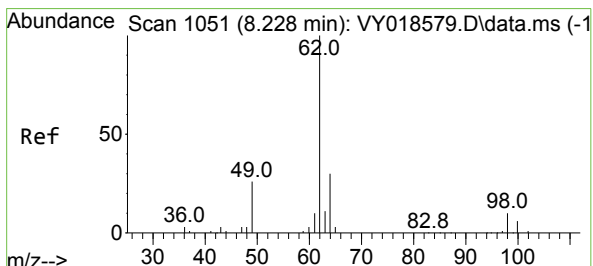
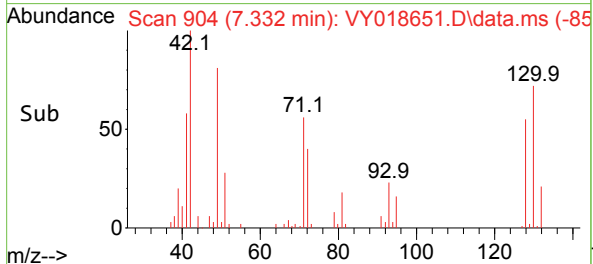
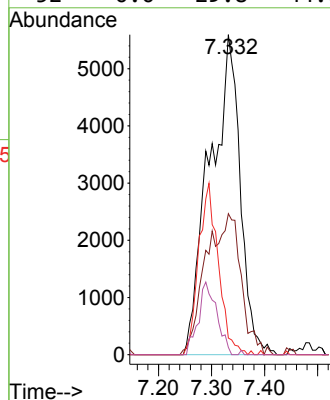
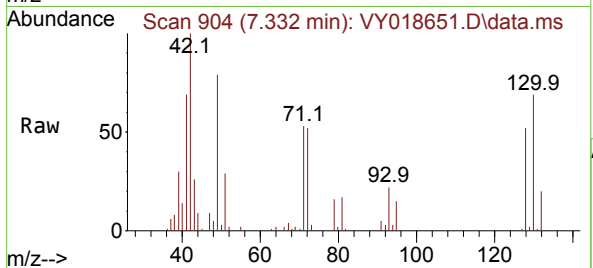




#41
Methacrylonitrile
Concen: 47.591 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.031 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

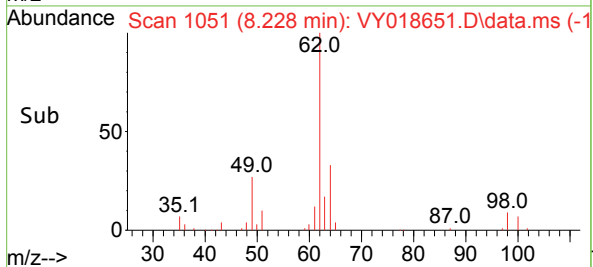
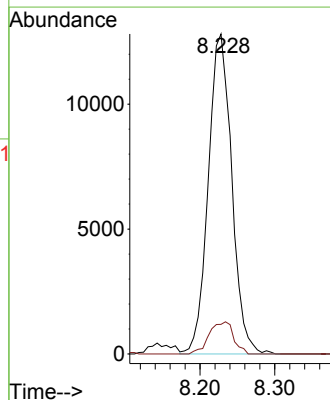
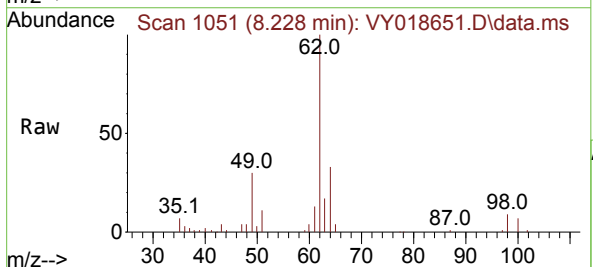
Instrument :
MSVOA_Y
ClientSampleId :

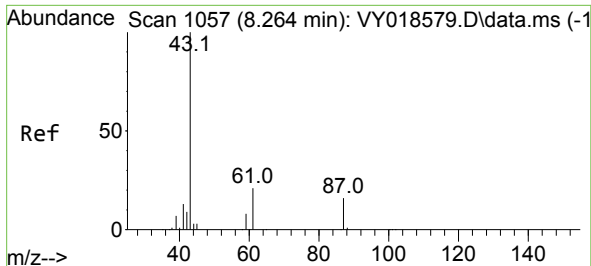
Tgt Ion: 41 Resp: 22199
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 17.644 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

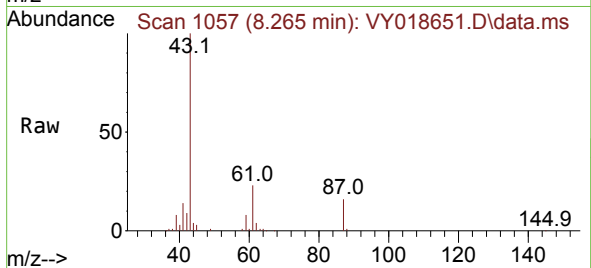
Tgt Ion: 62 Resp: 28007
Ion Ratio Lower Upper
62 100
98 10.5 0.0 22.0



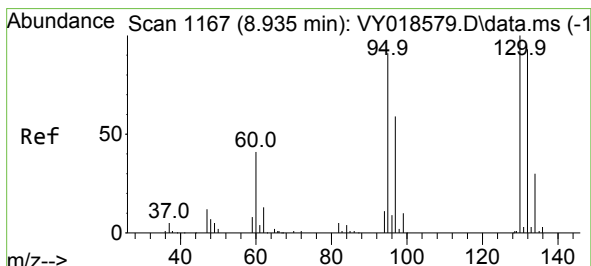
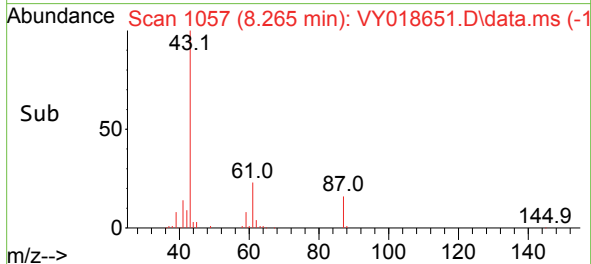
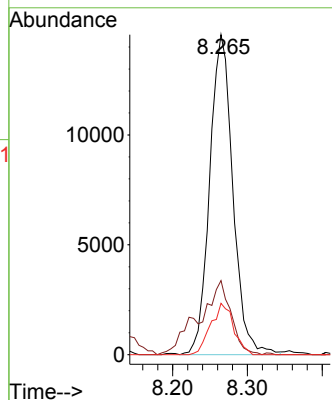


#43
Isopropyl Acetate
Concen: 18.167 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

Instrument :
MSVOA_Y
ClientSampleId :

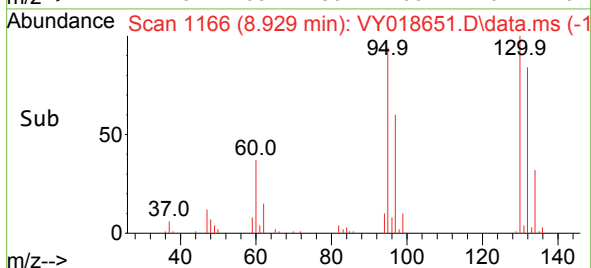
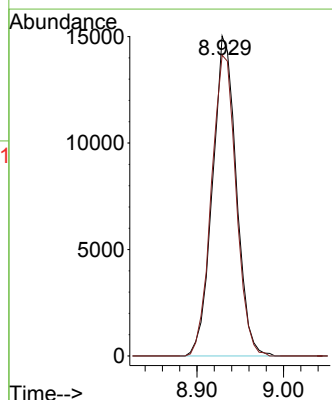
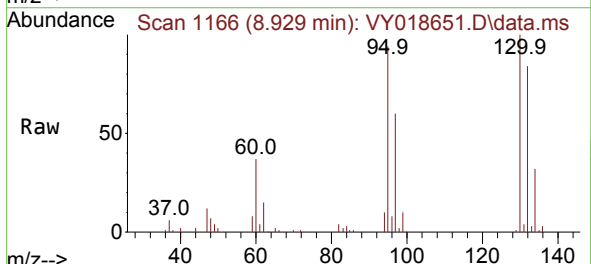


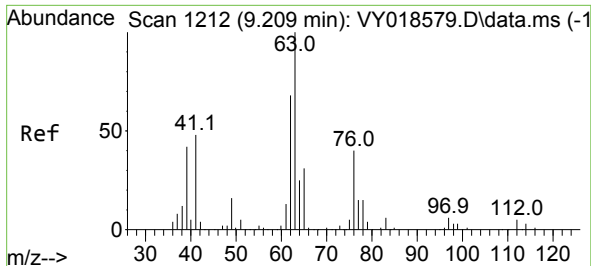
Tgt Ion: 43 Resp: 31448
Ion Ratio Lower Upper
43 100
61 22.9 27.9 41.9#
87 15.8 13.1 19.7



#44
Trichloroethene
Concen: 17.996 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

Tgt Ion:130 Resp: 28667
Ion Ratio Lower Upper
130 100
95 94.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 18.517 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

Instrument :

MSVOA_Y

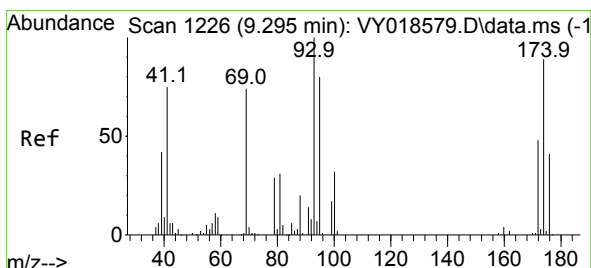
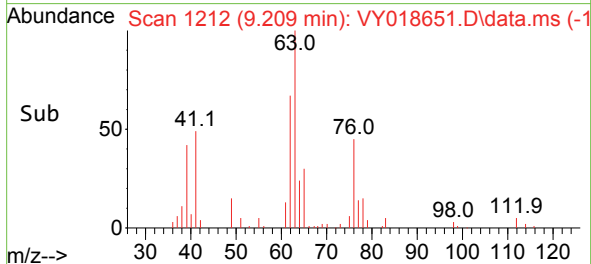
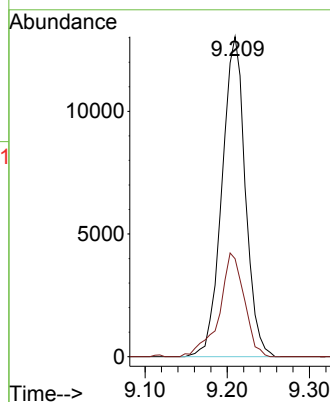
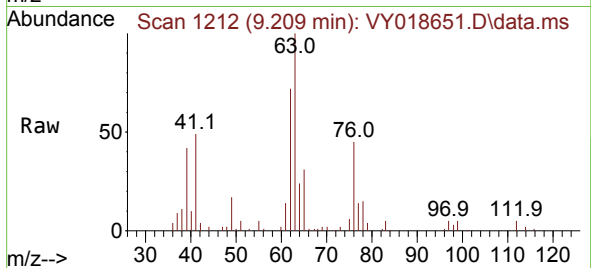
ClientSampleId :

Tgt Ion: 63 Resp: 25762

Ion Ratio Lower Upper

63 100

65 30.6 25.4 38.2



#46

Dibromomethane

Concen: 19.156 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

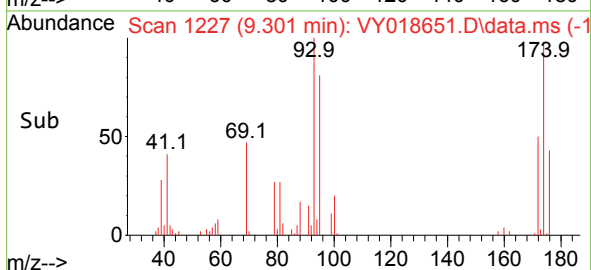
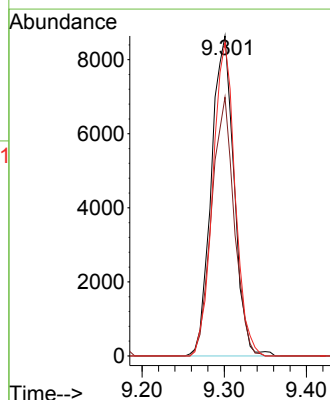
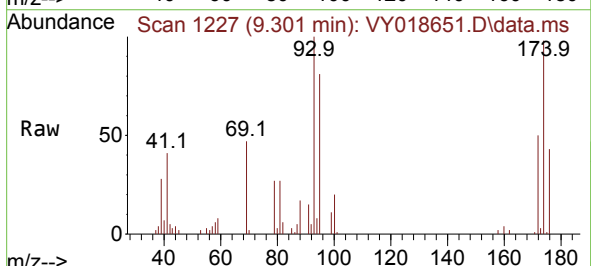
Tgt Ion: 93 Resp: 16537

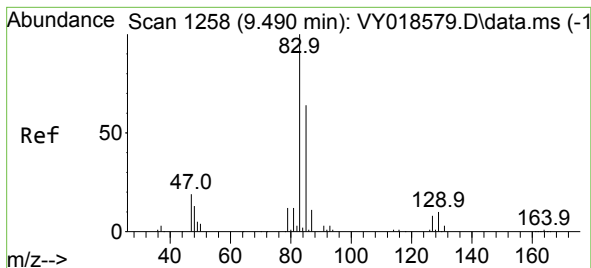
Ion Ratio Lower Upper

93 100

95 80.4 66.2 99.4

174 96.1 80.9 121.3





#47

Bromodichloromethane

Concen: 19.173 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VY018651.D

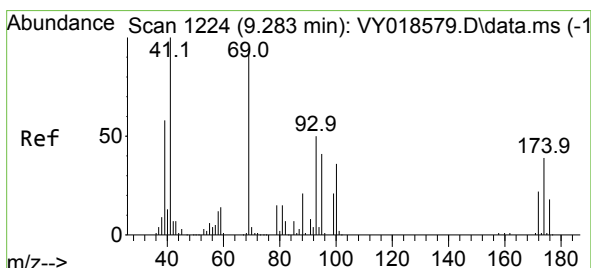
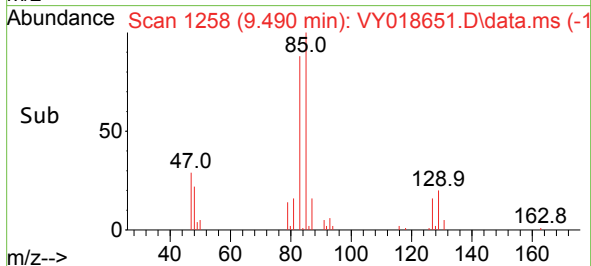
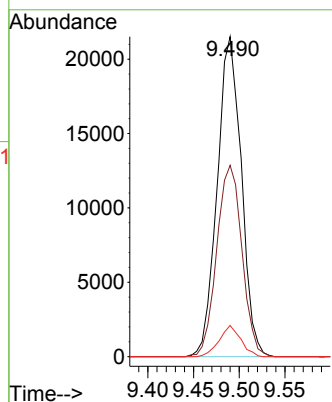
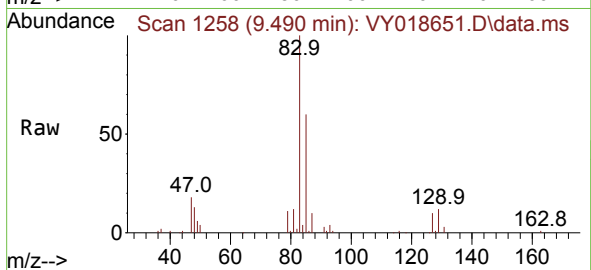
Acq: 20 Jun 2024 12:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp: 39503
Ion Ratio	Lower Upper
83	100
85	59.8 50.1 75.1
127	9.8 7.4 11.0



#48

Methyl methacrylate

Concen: 17.710 ug/l

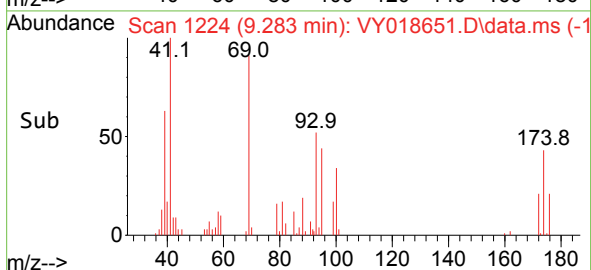
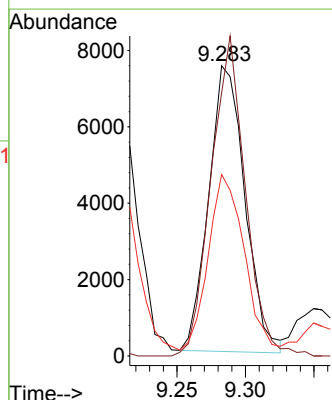
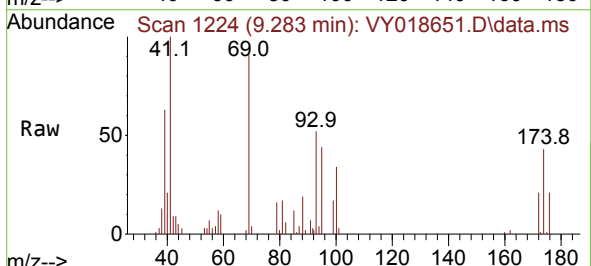
RT: 9.283 min Scan# 1224

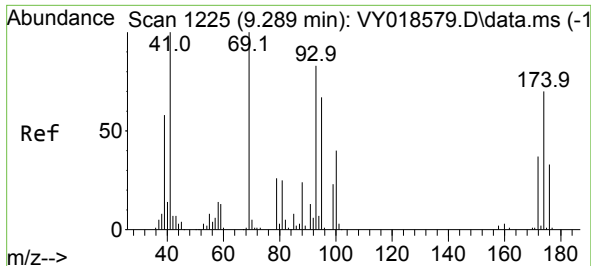
Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

Tgt Ion: 41	Resp: 13801
Ion Ratio	Lower Upper
41	100
69	105.6 84.1 126.1
39	61.3 43.6 65.4





#49

1,4-Dioxane

Concen: 328.535 ug/l

RT: 9.289 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

Instrument :

MSVOA_Y

ClientSampleId :

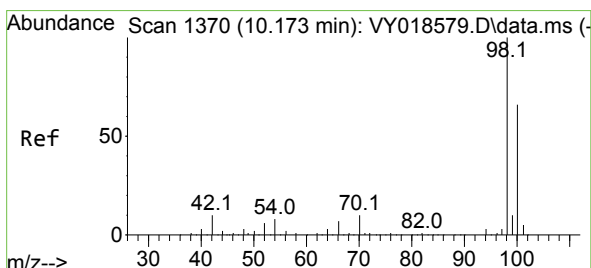
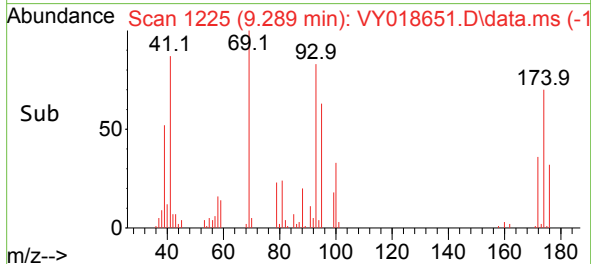
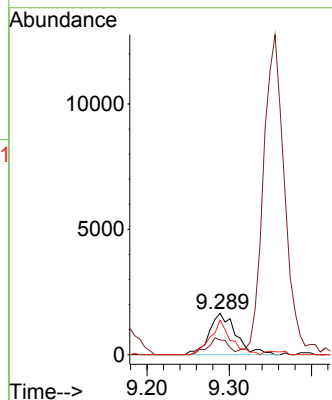
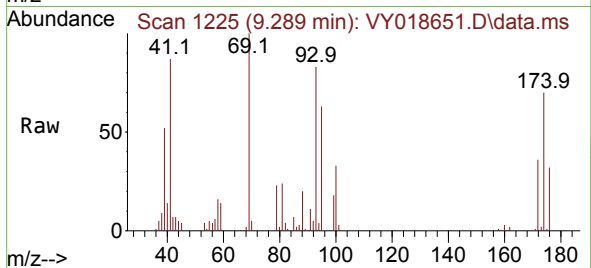
Tgt Ion: 88 Resp: 3730

Ion Ratio Lower Upper

88 100

43 29.9 0.0 0.0#

58 63.8 49.3 73.9



#50

Toluene-d8

Concen: 58.913 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018651.D

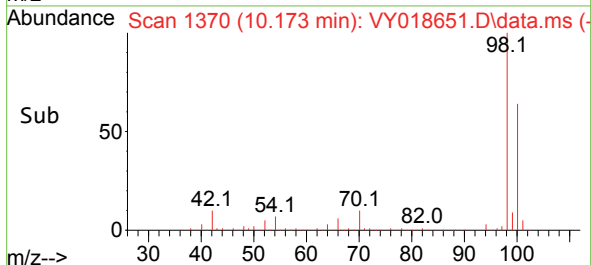
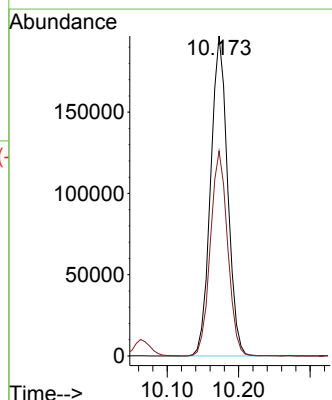
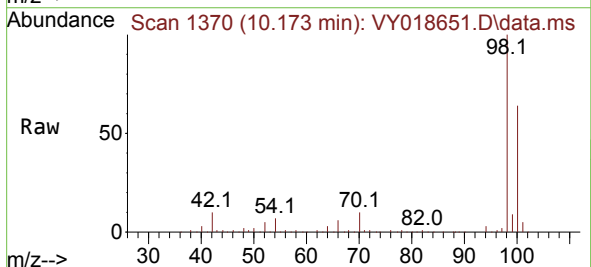
Acq: 20 Jun 2024 12:47

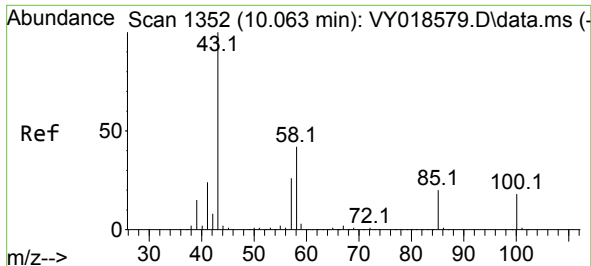
Tgt Ion: 98 Resp: 323819

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 93.190 ug/l

RT: 10.063 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

Instrument :

MSVOA_Y

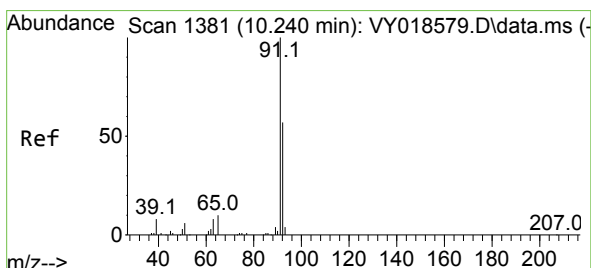
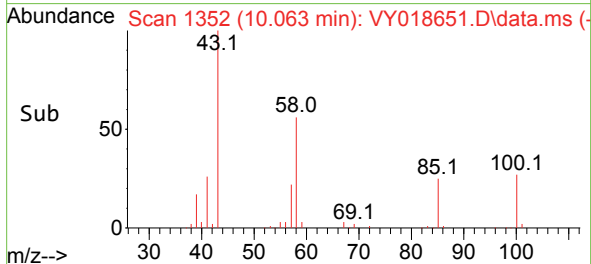
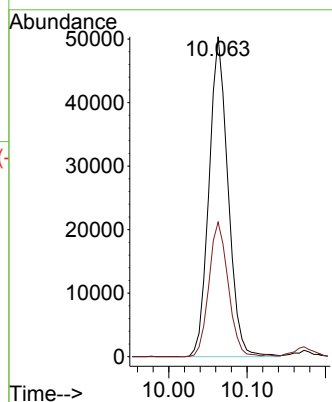
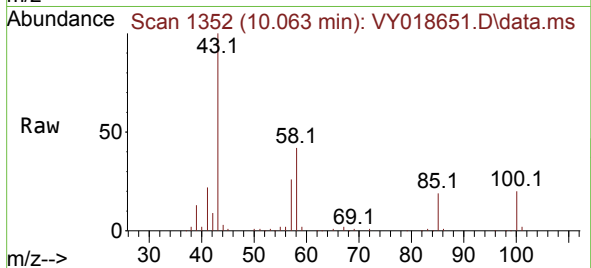
ClientSampleId :

Tgt Ion: 43 Resp: 84970

Ion Ratio Lower Upper

43 100

58 42.6 35.7 53.5



#52

Toluene

Concen: 18.236 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY018651.D

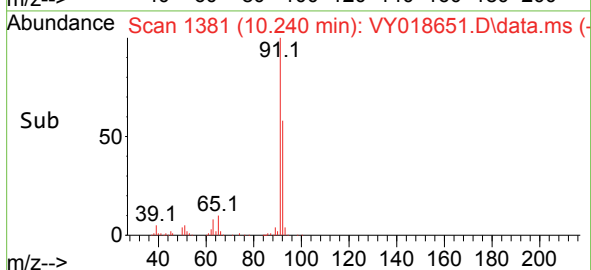
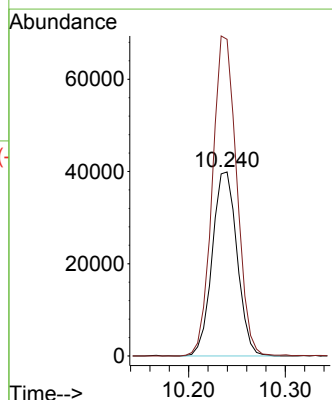
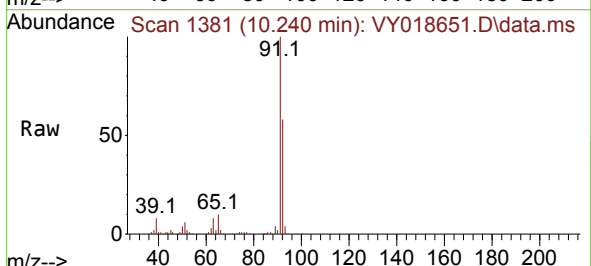
Acq: 20 Jun 2024 12:47

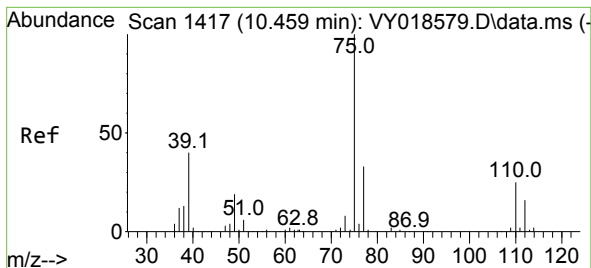
Tgt Ion: 92 Resp: 71239

Ion Ratio Lower Upper

92 100

91 170.5 139.0 208.6

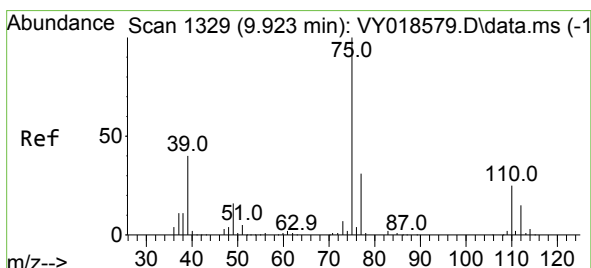
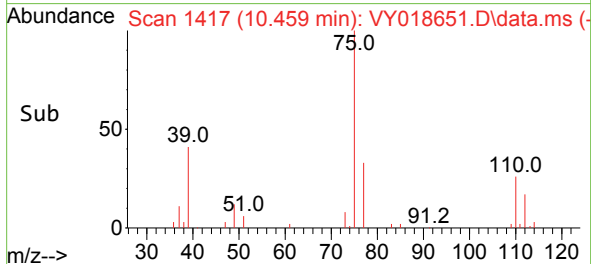
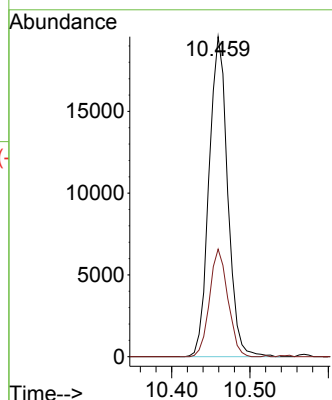
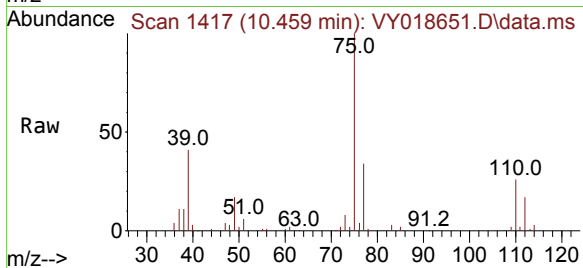




#53
t-1,3-Dichloropropene
Concen: 17.945 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

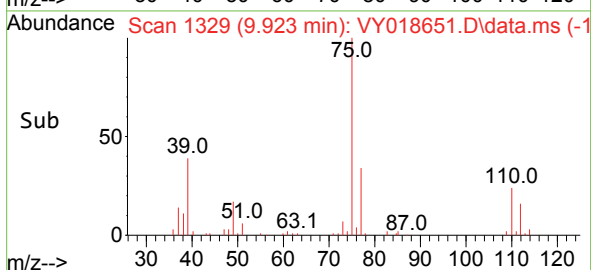
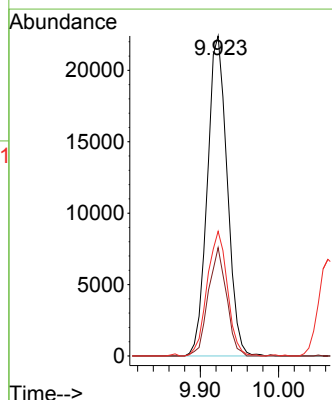
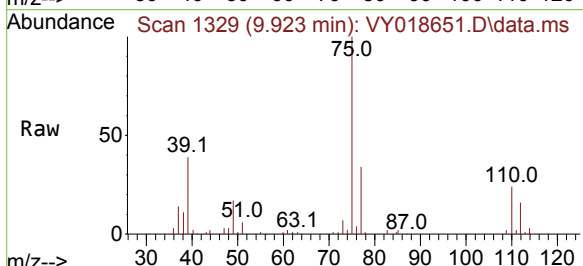
Instrument :
MSVOA_Y
ClientSampleId :

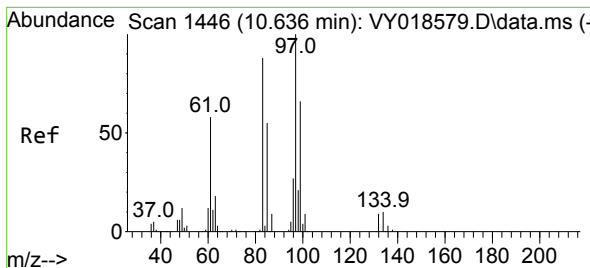
Tgt Ion: 75 Resp: 32310
Ion Ratio Lower Upper
75 100
77 33.6 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 18.134 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

Tgt Ion: 75 Resp: 39402
Ion Ratio Lower Upper
75 100
77 33.8 25.4 38.0
39 39.0 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 19.632 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 22542

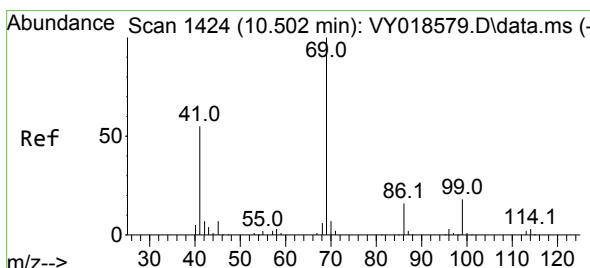
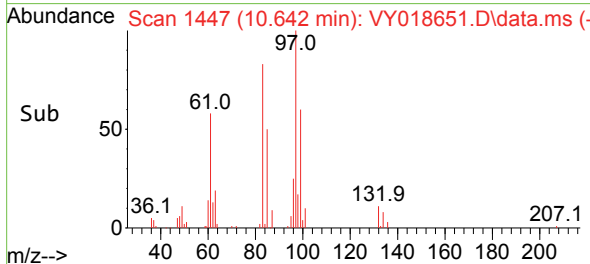
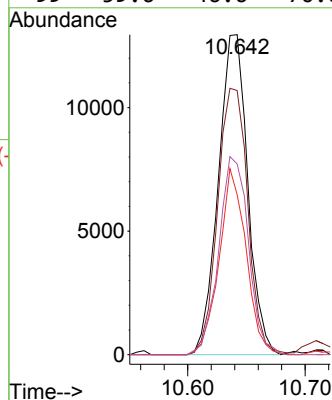
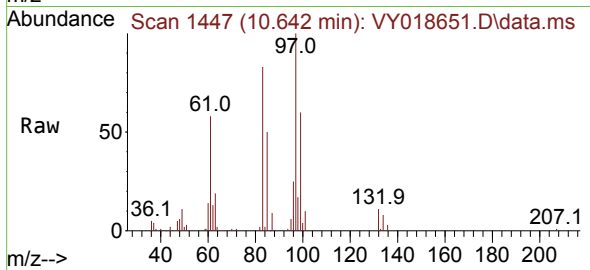
Ion Ratio Lower Upper

97 100

83 82.5 67.5 101.3

85 50.0 42.9 64.3

99 59.6 46.6 70.0



#56

Ethyl methacrylate

Concen: 18.409 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.006 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

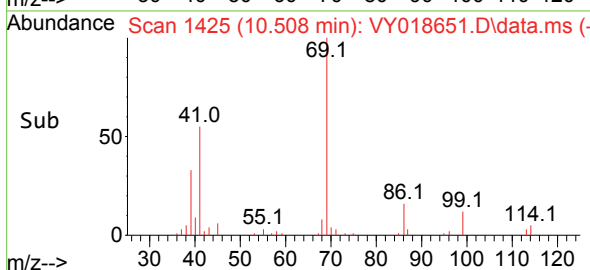
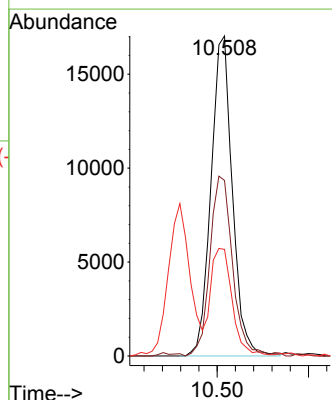
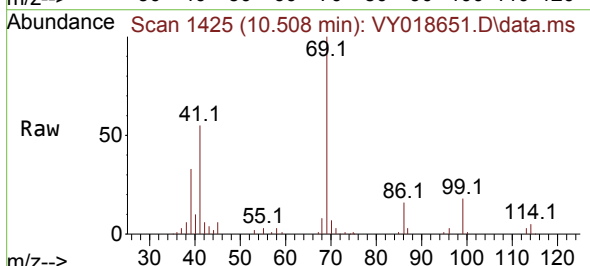
Tgt Ion: 69 Resp: 27659

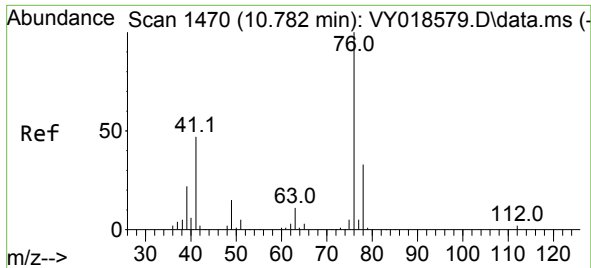
Ion Ratio Lower Upper

69 100

41 59.8 42.3 63.5

39 33.3 22.9 34.3

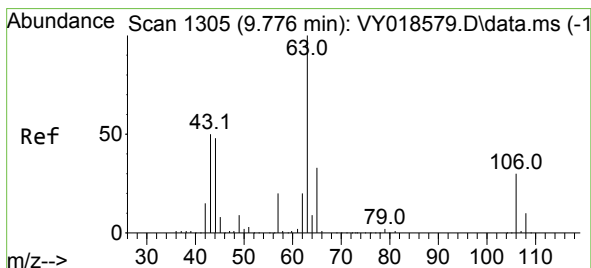
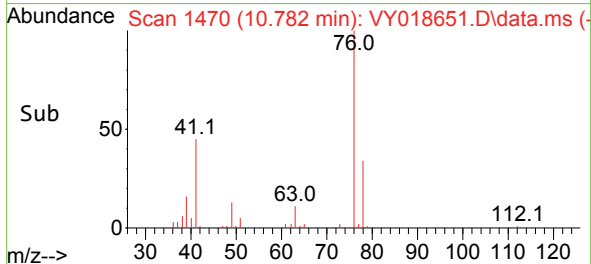
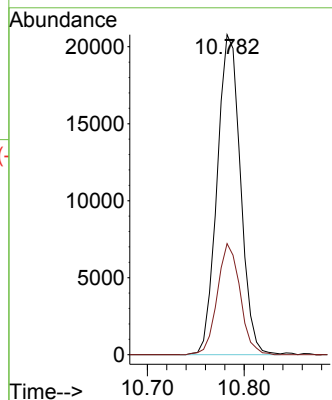
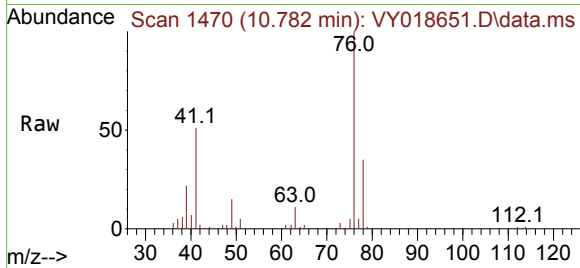




#57
1,3-Dichloropropane
Concen: 18.232 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

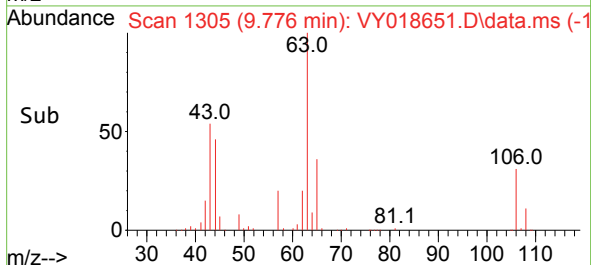
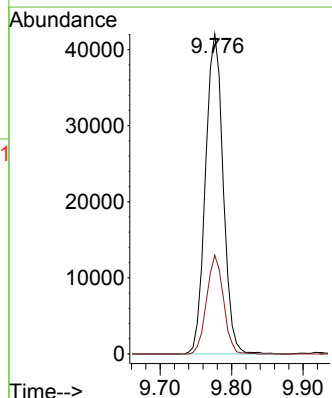
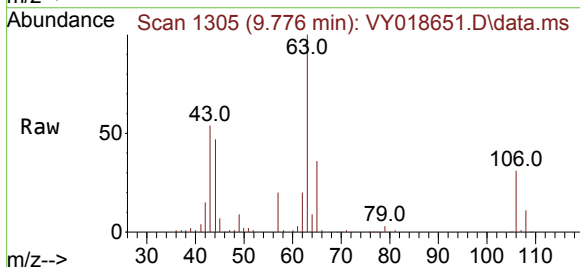
Instrument :
MSVOA_Y
ClientSampleId :

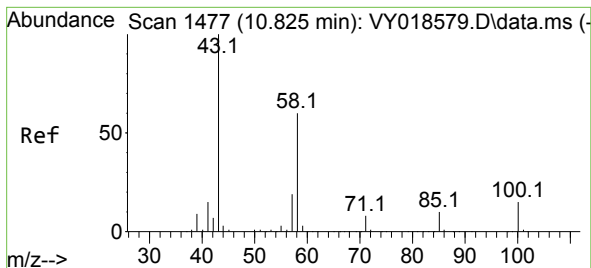
Tgt Ion: 76 Resp: 34775
Ion Ratio Lower Upper
76 100
78 33.9 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 99.460 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

Tgt Ion: 63 Resp: 72143
Ion Ratio Lower Upper
63 100
106 29.4 23.7 35.5





#59

2-Hexanone

Concen: 91.977 ug/l

RT: 10.825 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

Instrument :

MSVOA_Y

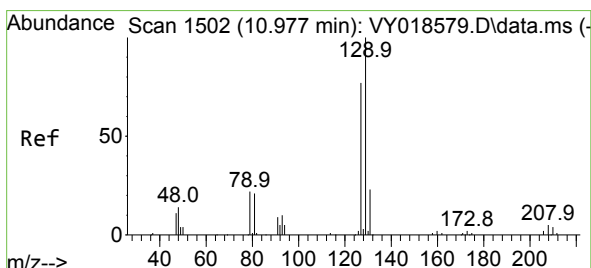
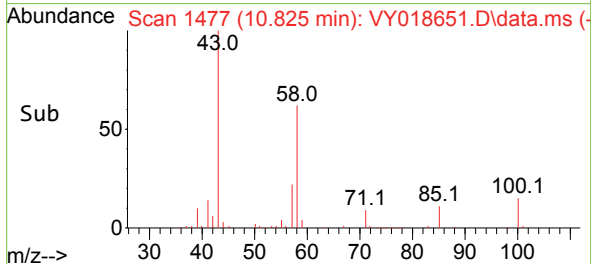
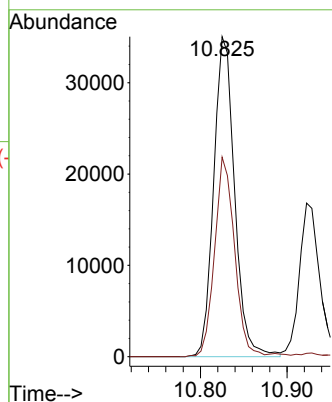
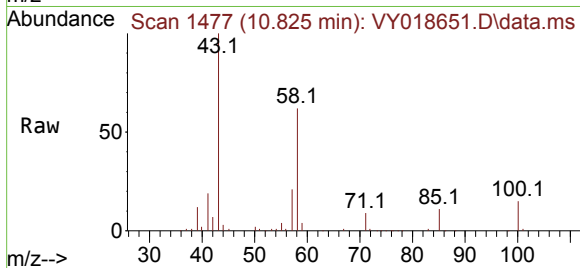
ClientSampleId :

Tgt Ion: 43 Resp: 58744

Ion Ratio Lower Upper

43 100

58 59.5 31.4 94.0



#60

Dibromochloromethane

Concen: 19.099 ug/l

RT: 10.977 min Scan# 1502

Delta R.T. 0.000 min

Lab File: VY018651.D

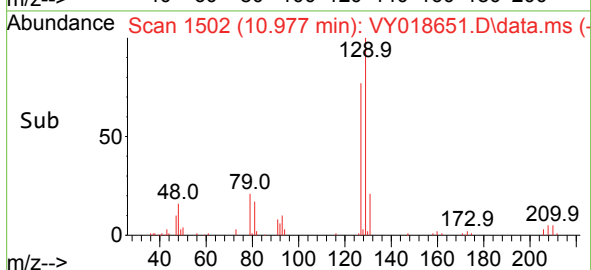
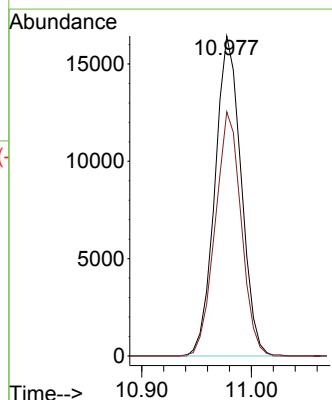
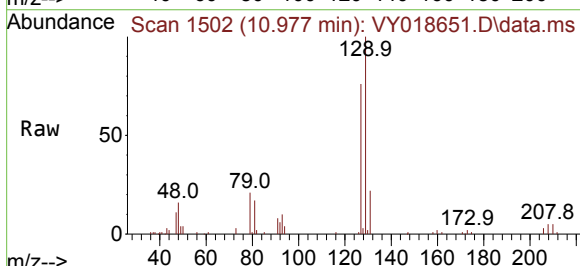
Acq: 20 Jun 2024 12:47

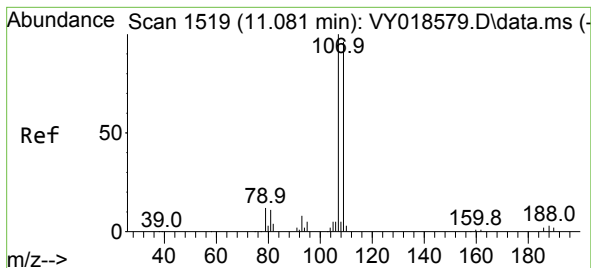
Tgt Ion: 129 Resp: 27242

Ion Ratio Lower Upper

129 100

127 76.0 39.0 117.0





#61

1,2-Dibromoethane

Concen: 19.174 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

Instrument :

MSVOA_Y

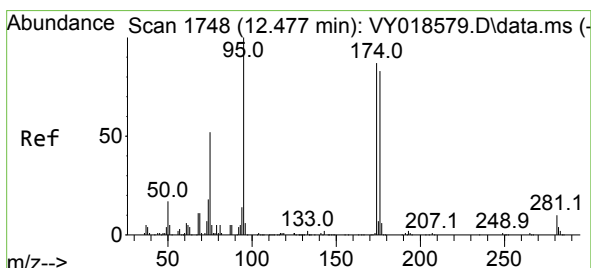
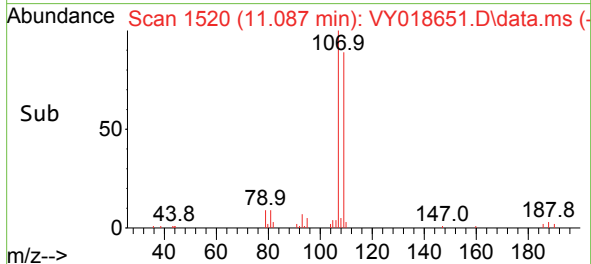
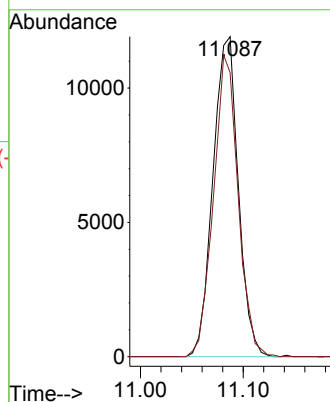
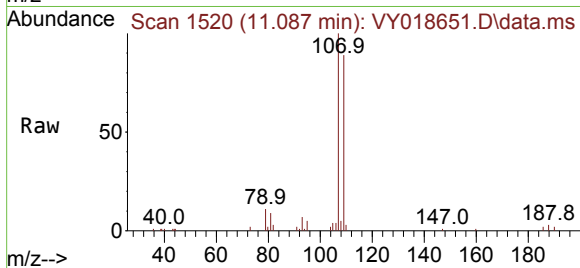
ClientSampleId :

Tgt Ion:107 Resp: 20346

Ion Ratio Lower Upper

107 100

109 91.9 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 59.405 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

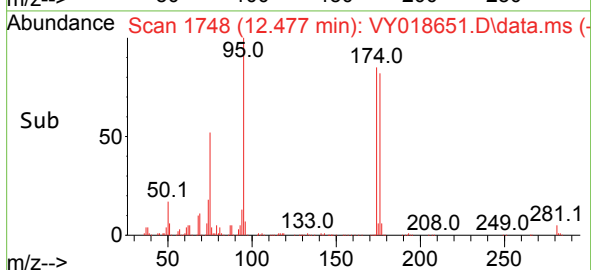
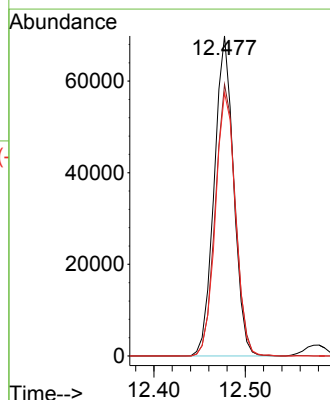
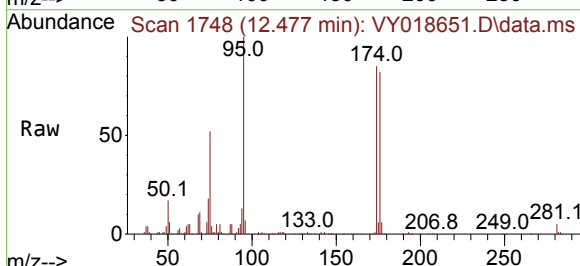
Tgt Ion: 95 Resp: 103107

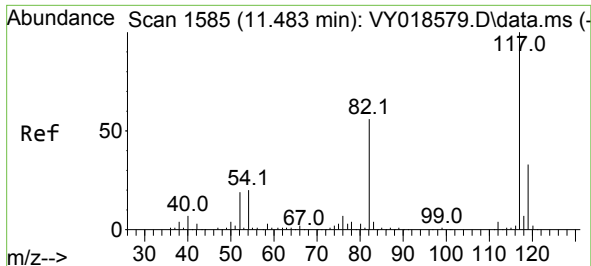
Ion Ratio Lower Upper

95 100

174 87.5 0.0 175.6

176 85.1 0.0 171.4

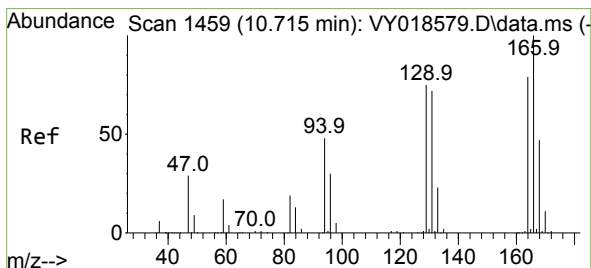
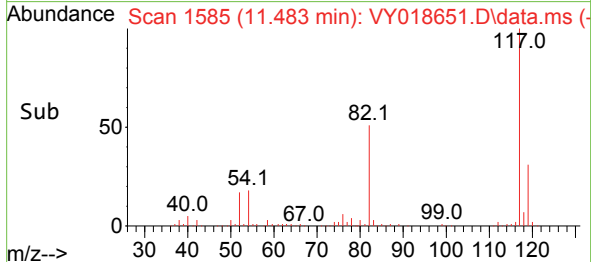
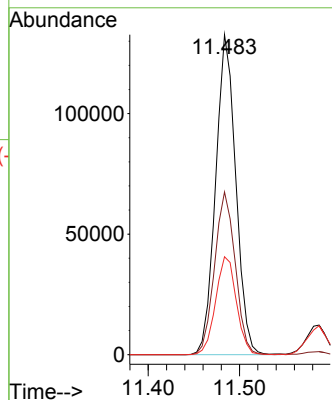
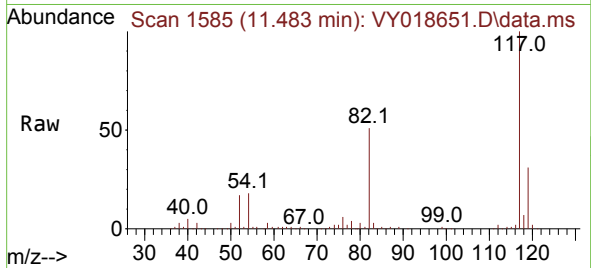




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

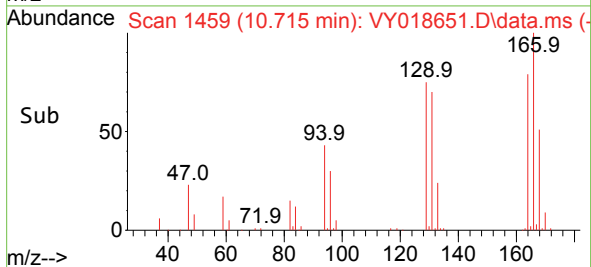
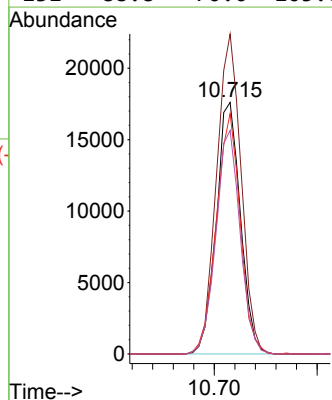
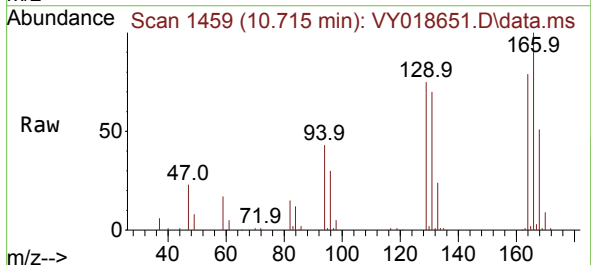
Instrument :
MSVOA_Y
ClientSampleId :

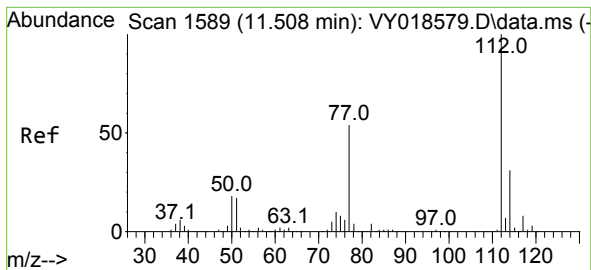
Tgt Ion:117 Resp: 203660
Ion Ratio Lower Upper
117 100
82 50.9 42.4 63.6
119 30.6 25.9 38.9



#64
Tetrachloroethene
Concen: 19.827 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

Tgt Ion:164 Resp: 28800
Ion Ratio Lower Upper
164 100
166 127.2 102.6 154.0
129 95.6 72.0 108.0
131 88.8 70.0 105.0

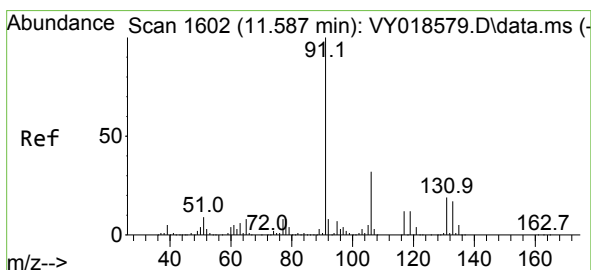
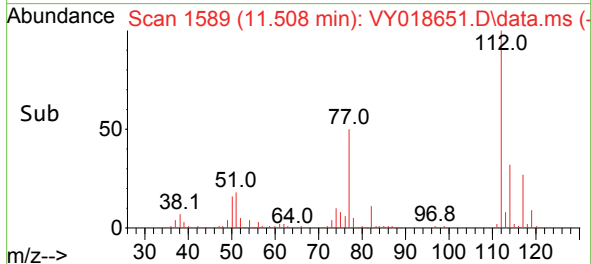
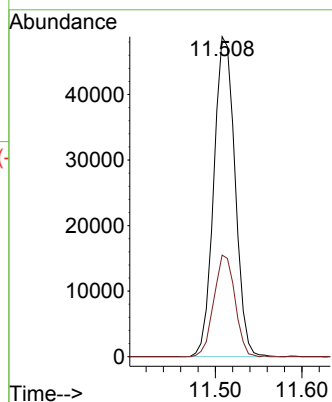
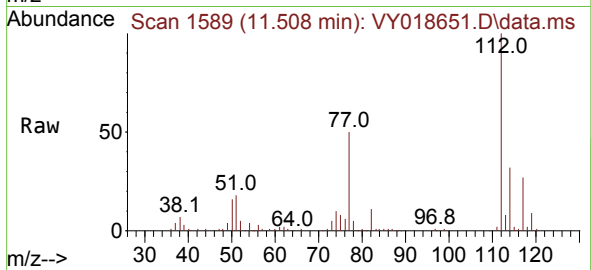




#65
Chlorobenzene
Concen: 19.722 ug/l
RT: 11.508 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

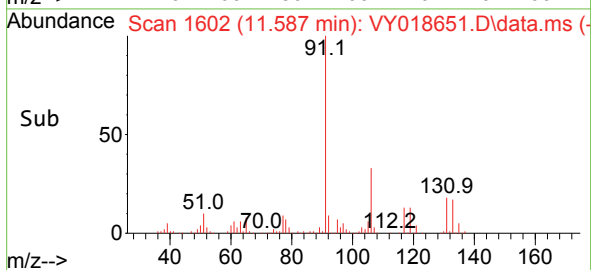
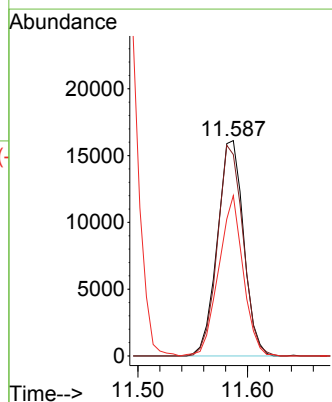
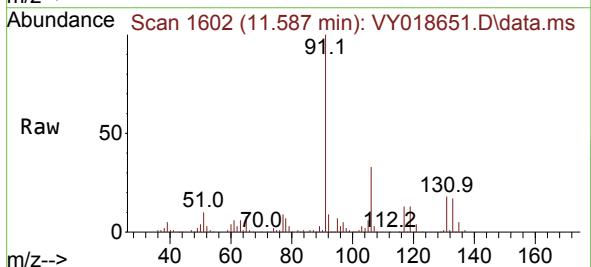
Instrument :
MSVOA_Y
ClientSampleId :

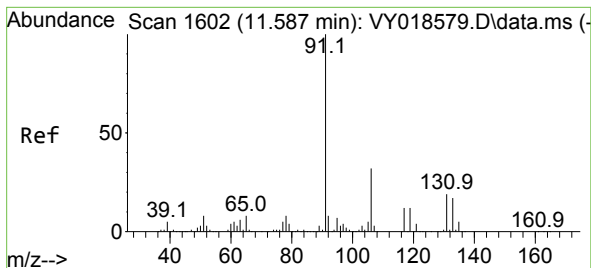
Tgt Ion:112 Resp: 82974
Ion Ratio Lower Upper
112 100
114 31.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.039 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

Tgt Ion:131 Resp: 26843
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.3
119 69.3 34.1 102.2





#67

Ethyl Benzene

Concen: 18.697 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

Instrument :

MSVOA_Y

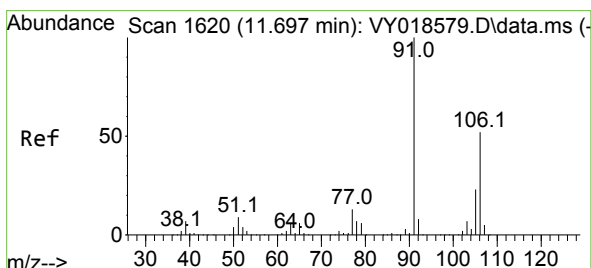
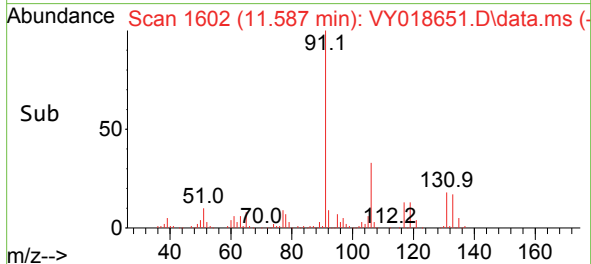
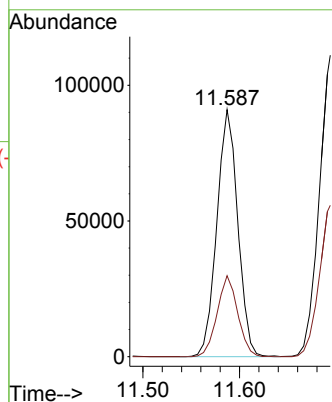
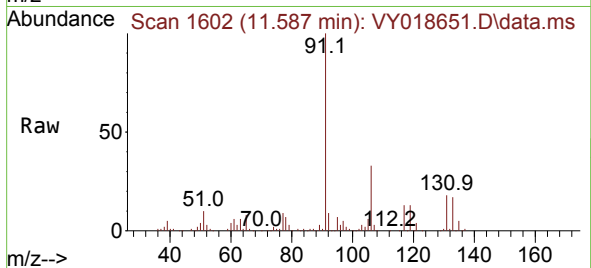
ClientSampleId :

Tgt Ion: 91 Resp: 136487

Ion Ratio Lower Upper

91 100

106 32.8 24.5 36.7



#68

m/p-Xylenes

Concen: 38.383 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY018651.D

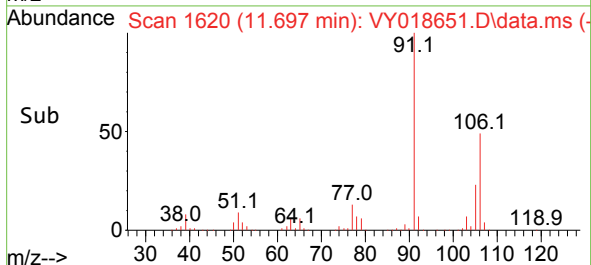
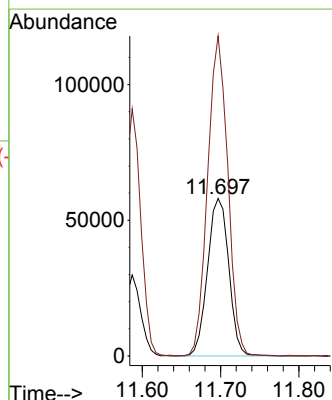
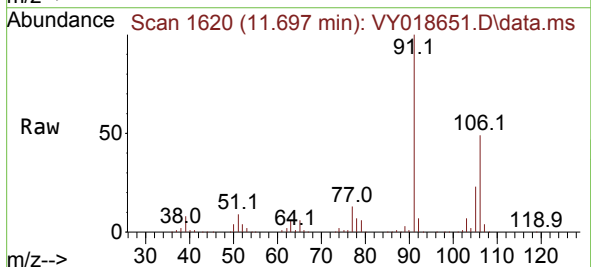
Acq: 20 Jun 2024 12:47

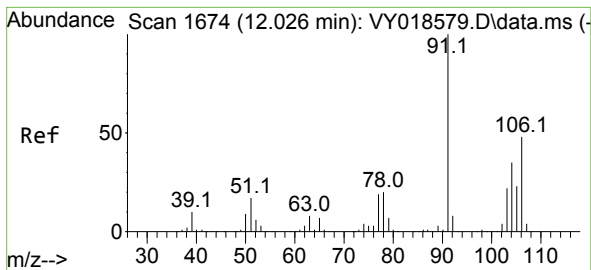
Tgt Ion:106 Resp: 109030

Ion Ratio Lower Upper

106 100

91 193.7 156.0 234.0





#69

o-Xylene

Concen: 18.706 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

Instrument :

MSVOA_Y

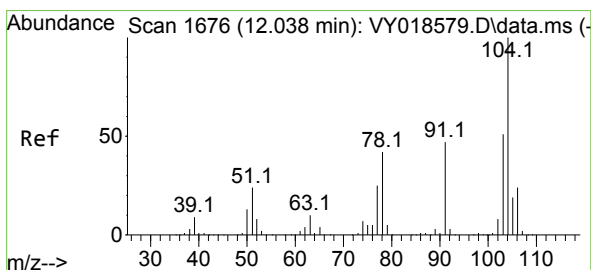
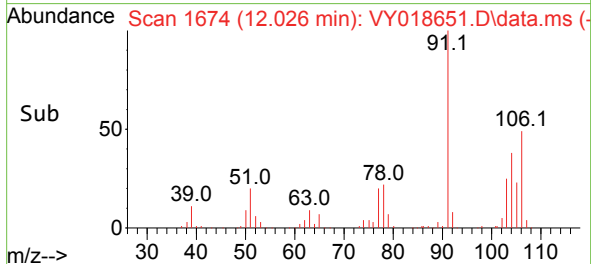
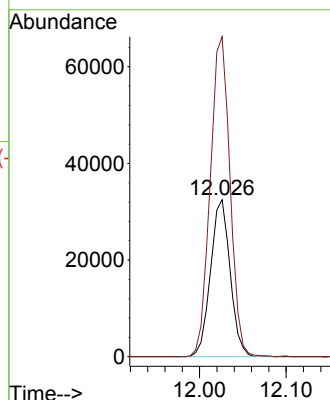
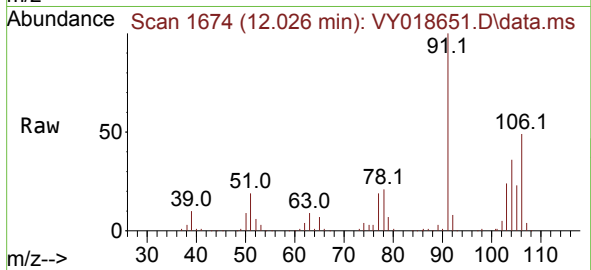
ClientSampleId :

Tgt Ion:106 Resp: 51097

Ion Ratio Lower Upper

106 100

91 205.8 103.6 310.8



#70

Styrene

Concen: 19.365 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

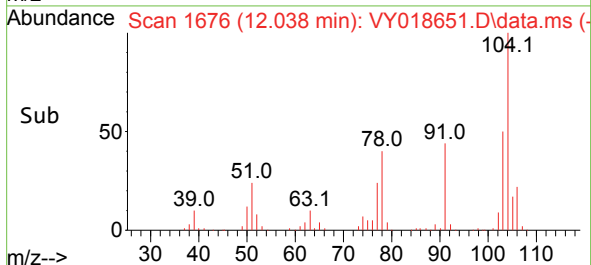
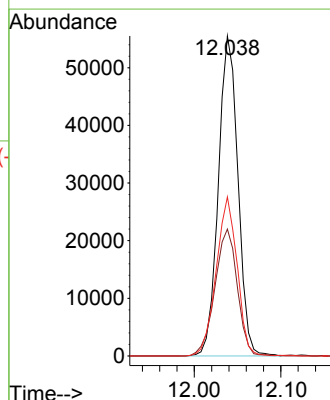
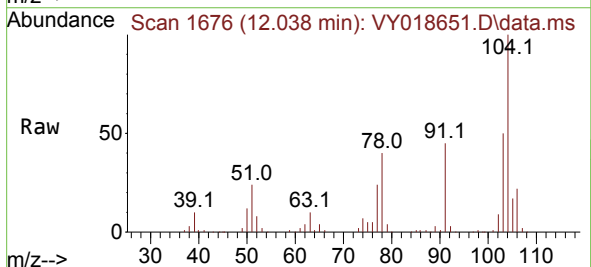
Tgt Ion:104 Resp: 87386

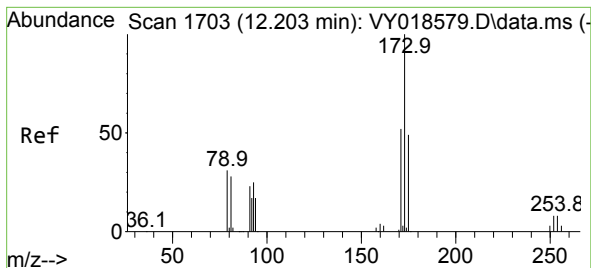
Ion Ratio Lower Upper

104 100

78 45.2 37.0 55.4

103 53.0 44.2 66.2





#71

Bromoform

Concen: 18.980 ug/l

RT: 12.203 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

Instrument :

MSVOA_Y

ClientSampleId :

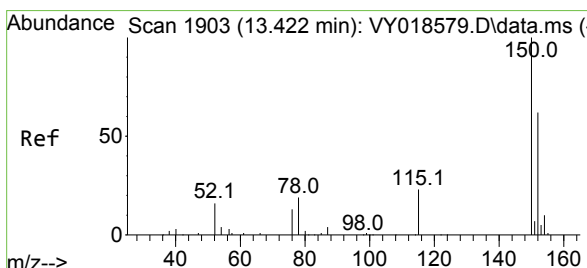
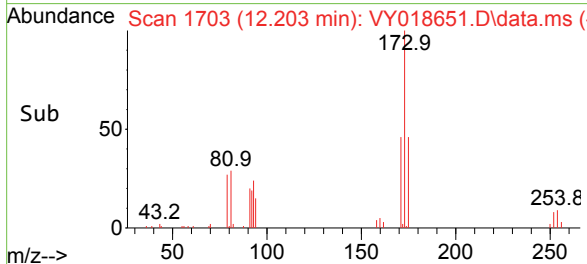
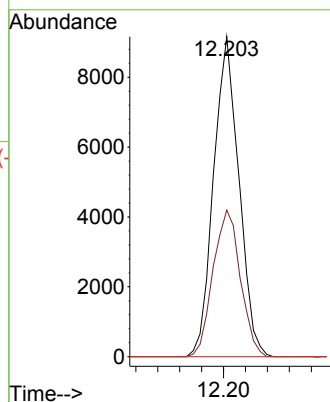
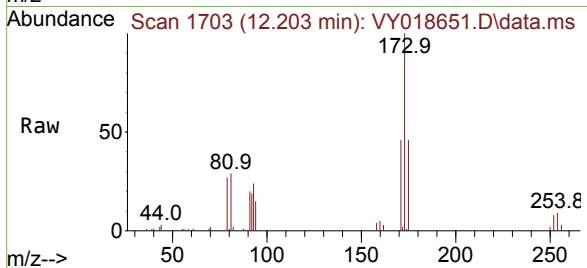
Tgt Ion:173 Resp: 14683

Ion Ratio Lower Upper

173 100

175 49.4 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

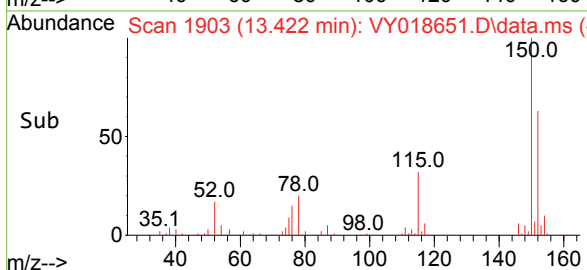
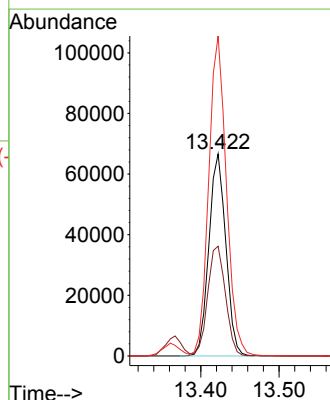
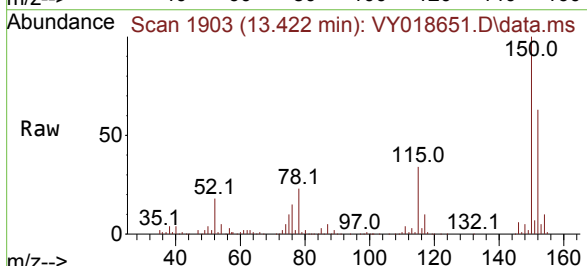
Tgt Ion:152 Resp: 100113

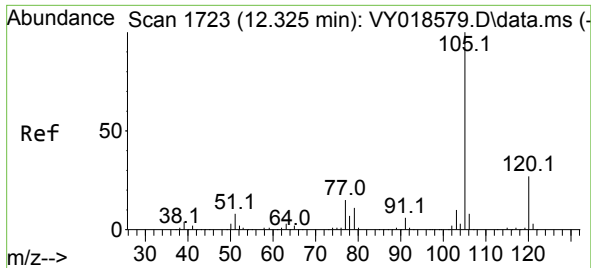
Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.7

150 164.9 0.0 345.6

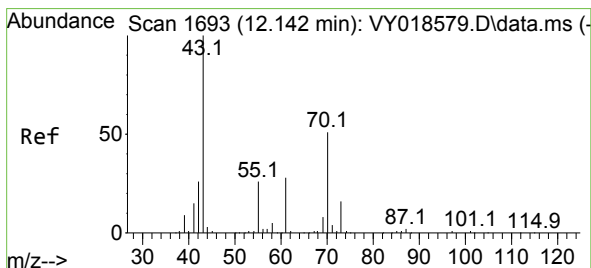
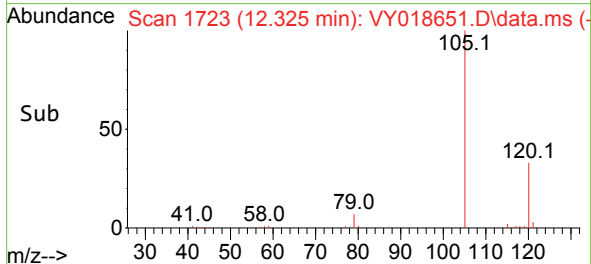
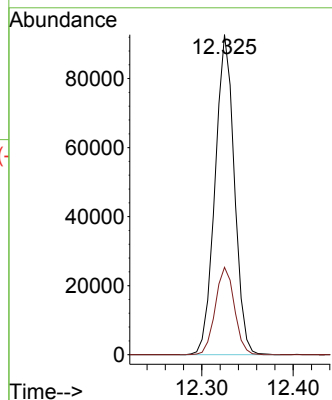
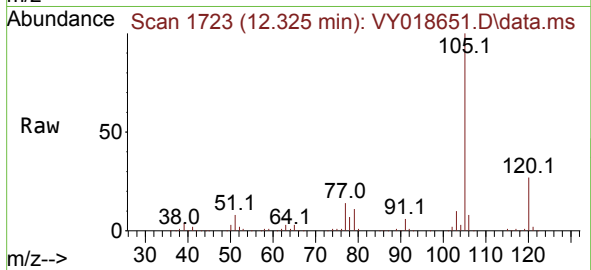




#73
Isopropylbenzene
Concen: 18.556 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

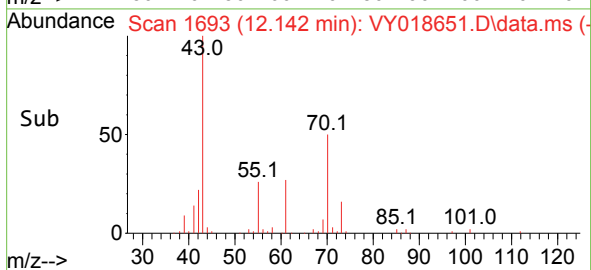
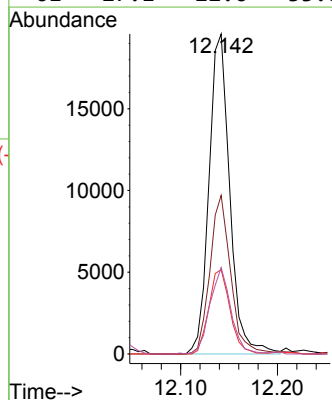
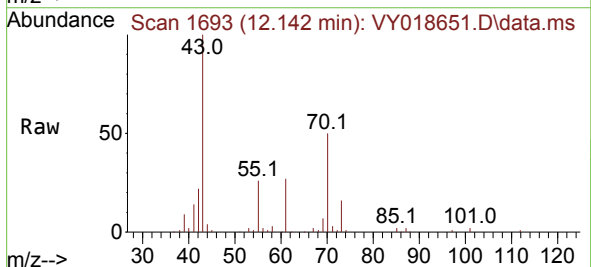
Instrument :
MSVOA_Y
ClientSampleId :

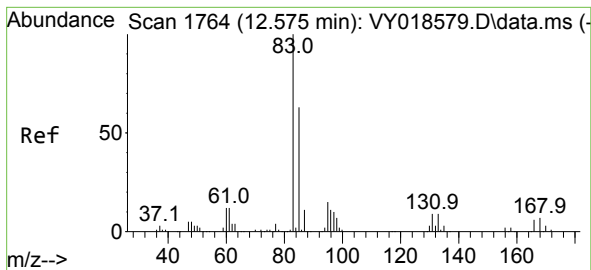
Tgt Ion:105 Resp: 135654
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.1



#74
N-ethyl acetate
Concen: 19.558 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

Tgt Ion: 43 Resp: 29279
Ion Ratio Lower Upper
43 100
70 50.0 41.4 62.2
55 26.9 23.3 34.9
61 27.1 22.6 33.8

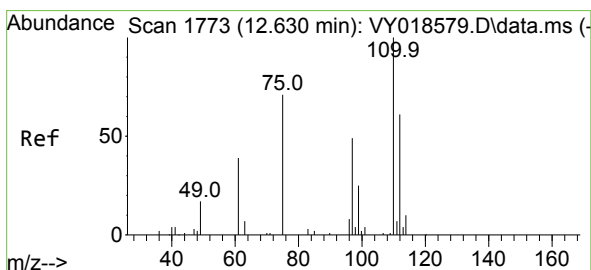
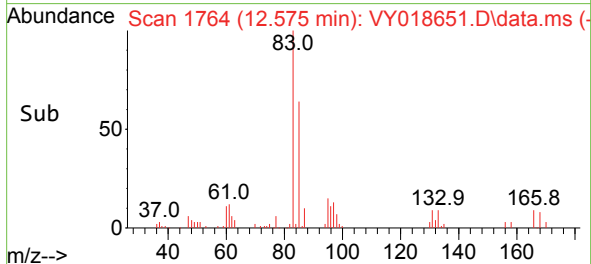
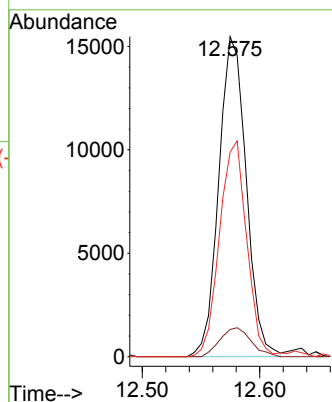
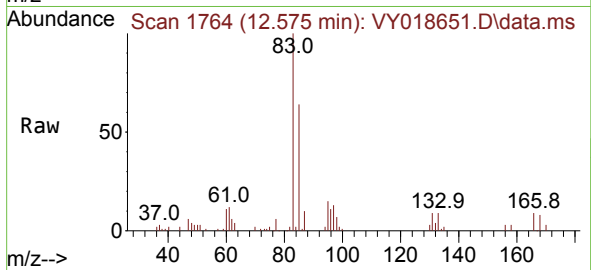




#75
1,1,2,2-Tetrachloroethane
Concen: 19.364 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

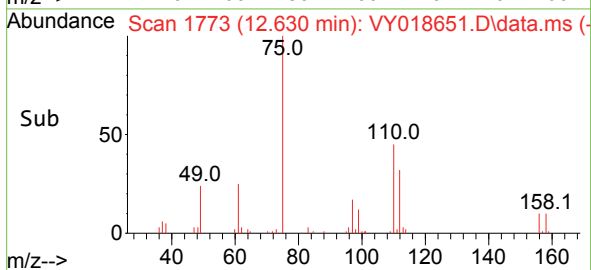
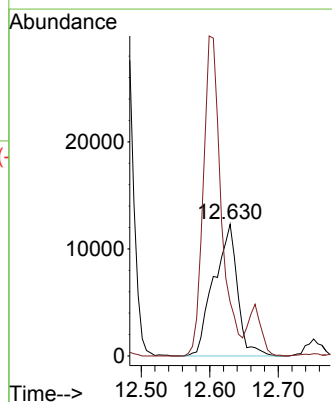
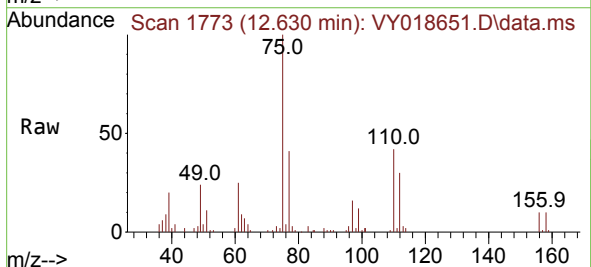
Instrument :
MSVOA_Y
ClientSampleId :

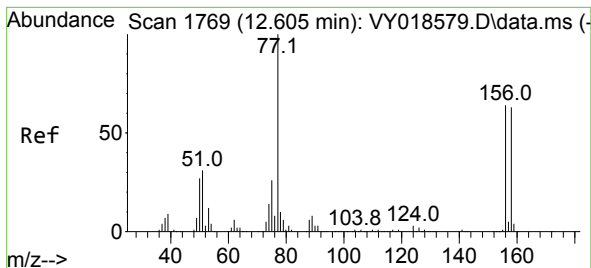
Tgt Ion: 83 Resp: 25136
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 67.0 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 31.286 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

Tgt Ion: 75 Resp: 29381
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.898 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

Instrument :

MSVOA_Y

ClientSampleId :

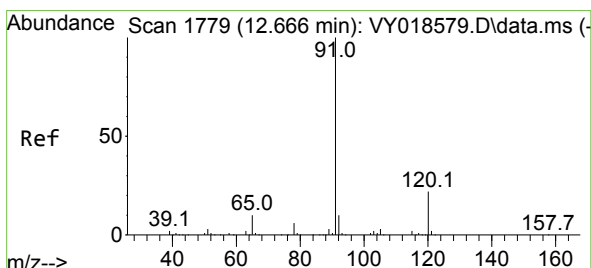
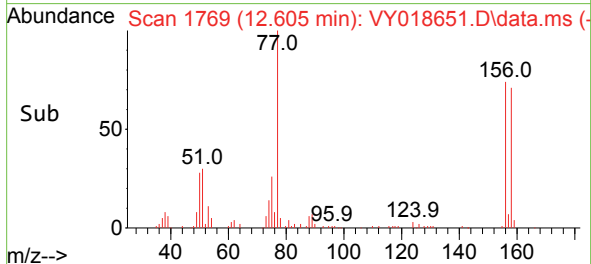
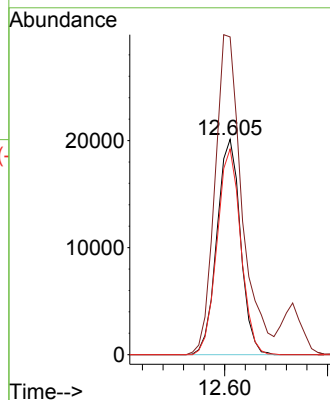
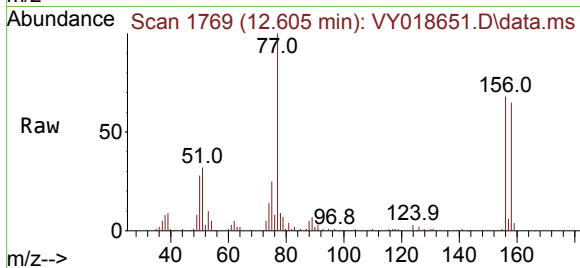
Tgt Ion:156 Resp: 31950

Ion Ratio Lower Upper

156 100

77 170.9 87.1 261.3

158 96.3 48.6 145.9



#78

n-propylbenzene

Concen: 19.009 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018651.D

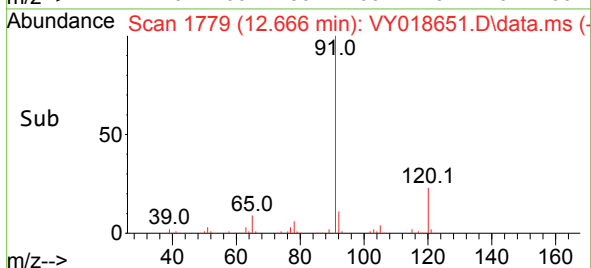
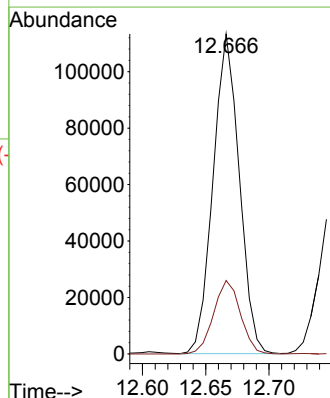
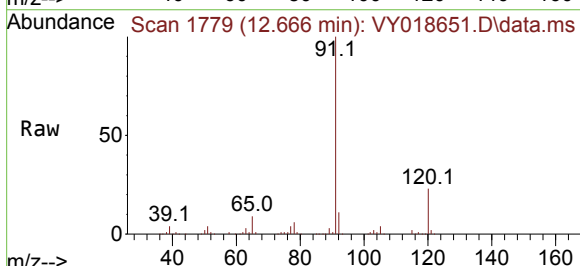
Acq: 20 Jun 2024 12:47

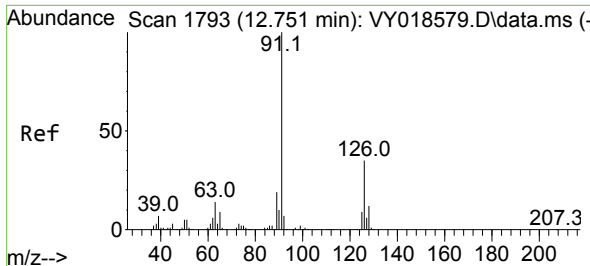
Tgt Ion: 91 Resp: 162632

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

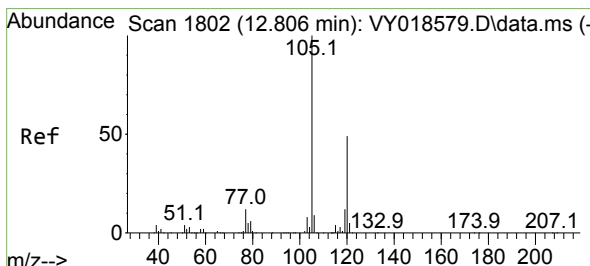
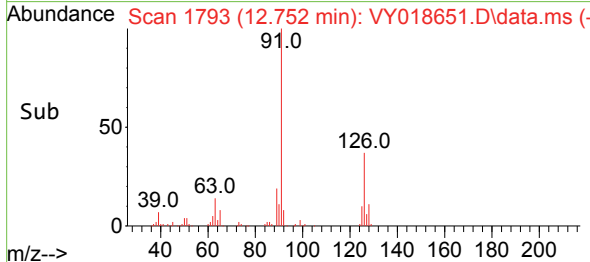
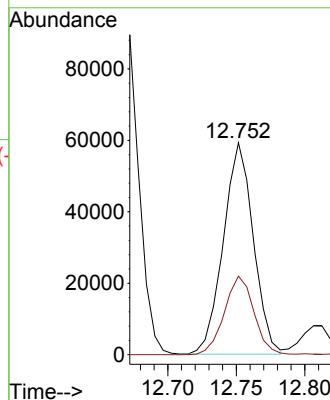
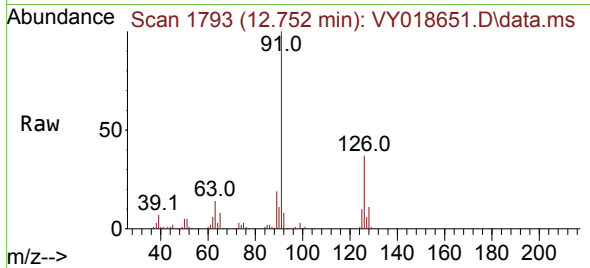




#79
2-Chlorotoluene
Concen: 18.728 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

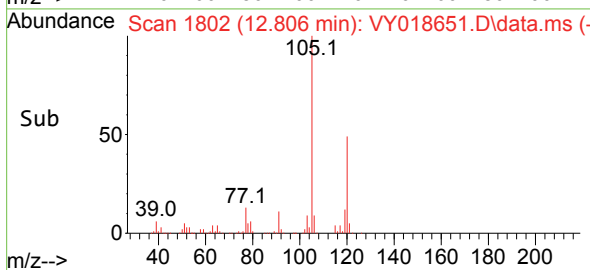
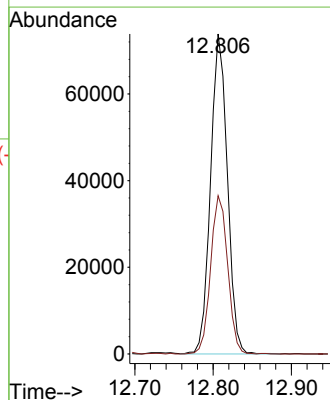
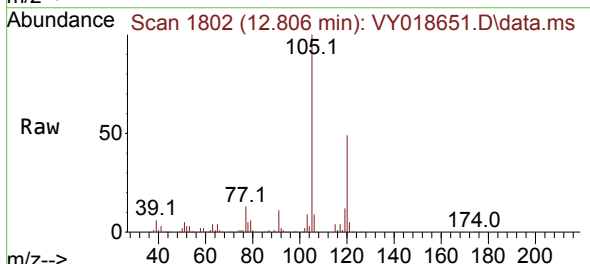
Instrument :
MSVOA_Y
ClientSampleId :

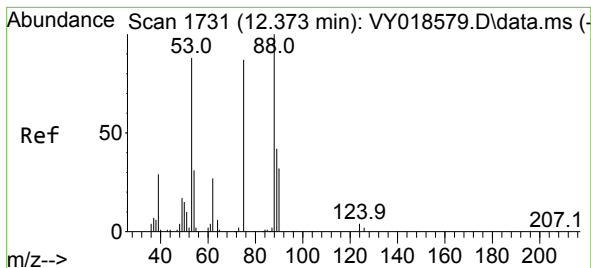
Tgt Ion: 91 Resp: 90446
Ion Ratio Lower Upper
91 100
126 36.5 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 18.977 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

Tgt Ion: 105 Resp: 109950
Ion Ratio Lower Upper
105 100
120 50.1 25.1 75.2

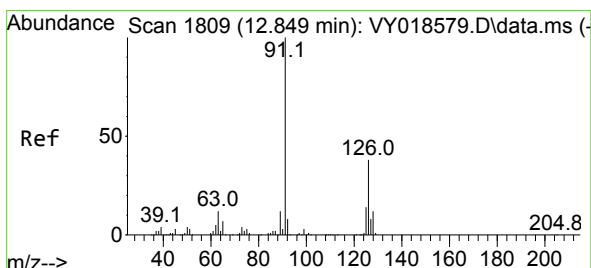
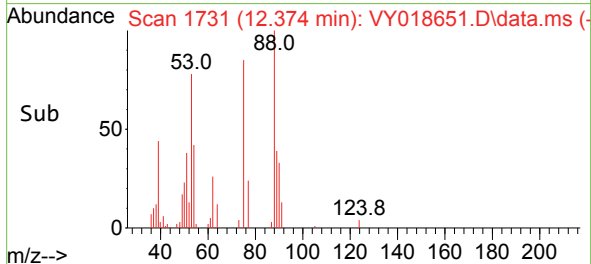
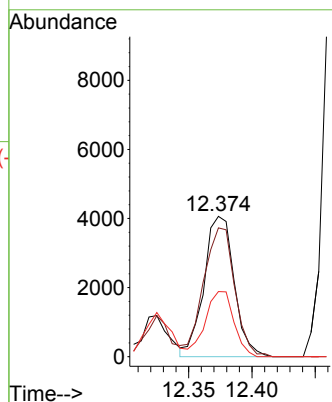
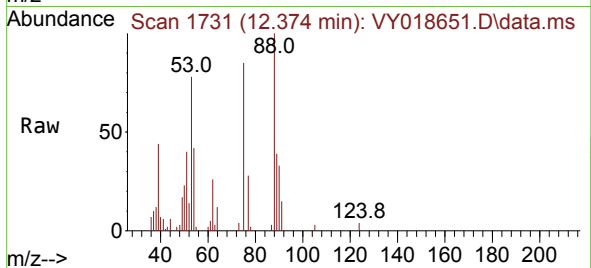




#81
trans-1,4-Dichloro-2-butene
Concen: 18.749 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

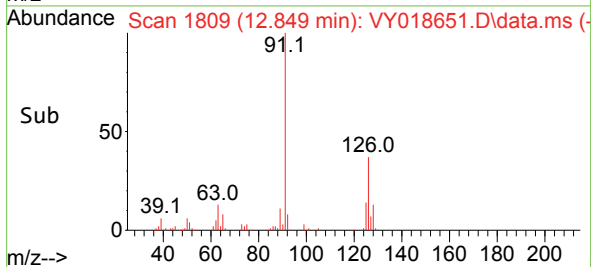
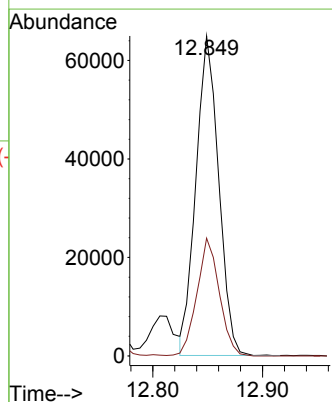
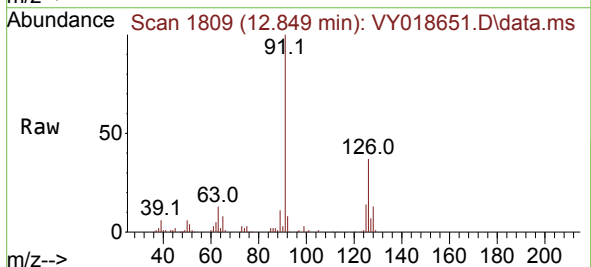
Instrument :
MSVOA_Y
ClientSampleId :

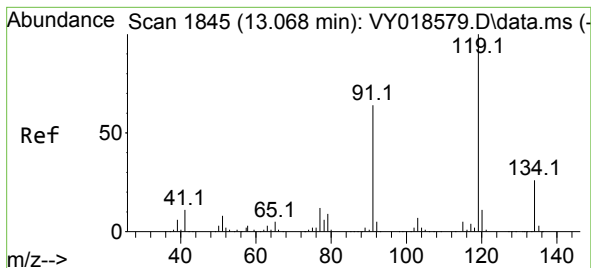
Tgt Ion: 75 Resp: 6722
Ion Ratio Lower Upper
75 100
53 95.2 66.8 100.2
89 43.7 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.203 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

Tgt Ion: 91 Resp: 93391
Ion Ratio Lower Upper
91 100
126 36.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 18.631 ug/l

RT: 13.069 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

Instrument :

MSVOA_Y

ClientSampleId :

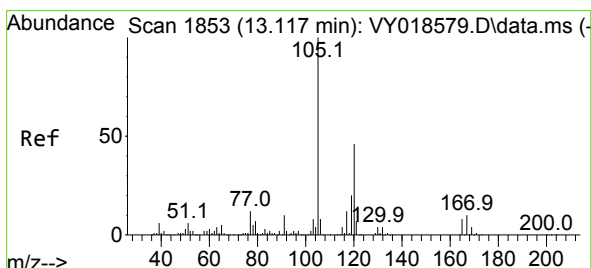
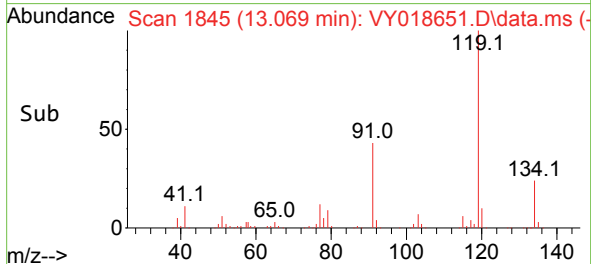
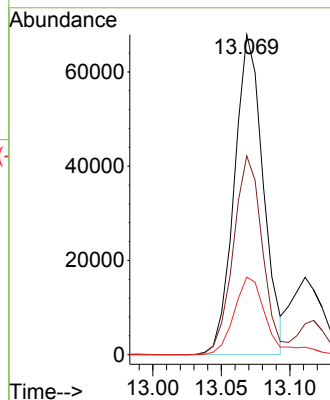
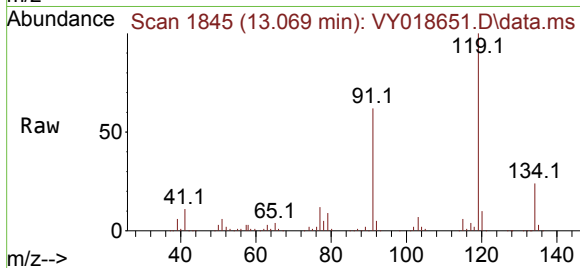
Tgt Ion:119 Resp: 99907

Ion Ratio Lower Upper

119 100

91 63.2 31.3 93.8

134 27.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 18.941 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018651.D

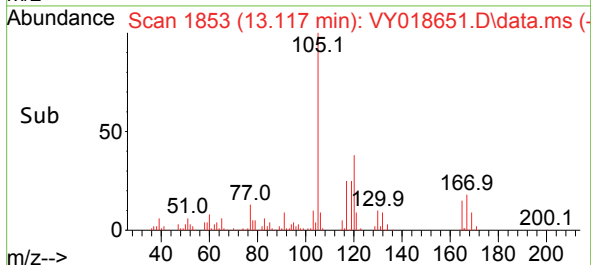
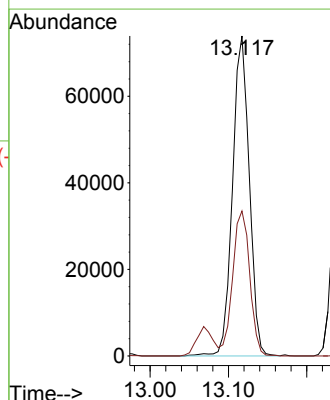
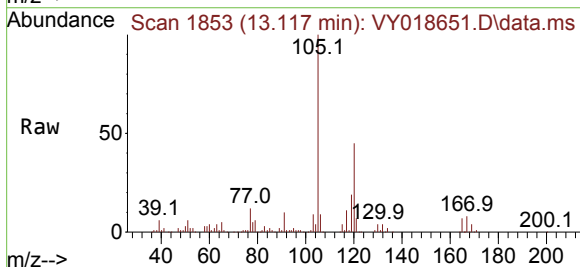
Acq: 20 Jun 2024 12:47

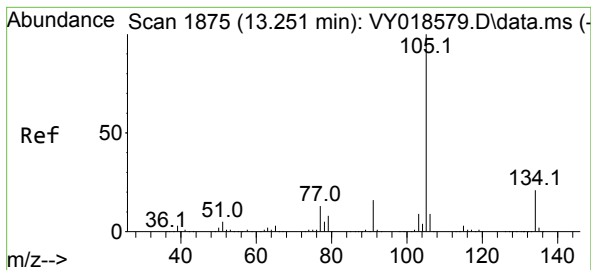
Tgt Ion:105 Resp: 109688

Ion Ratio Lower Upper

105 100

120 46.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.878 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

Instrument :

MSVOA_Y

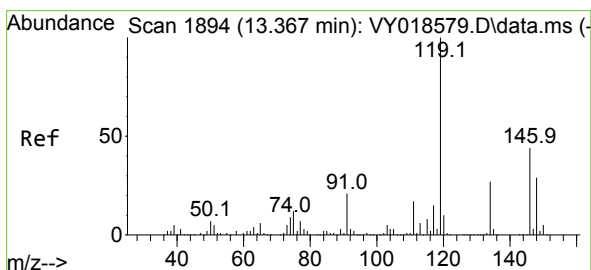
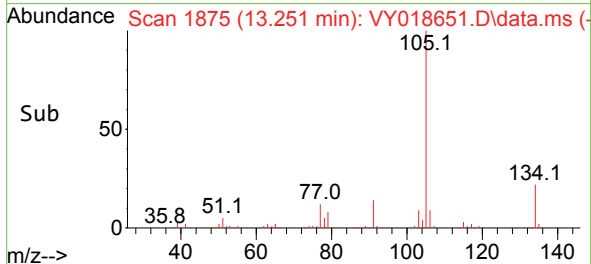
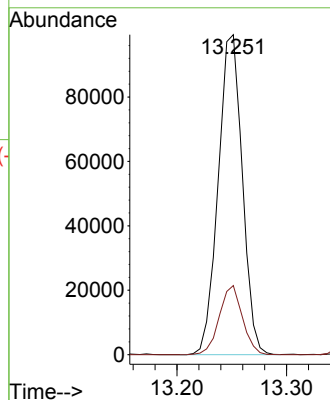
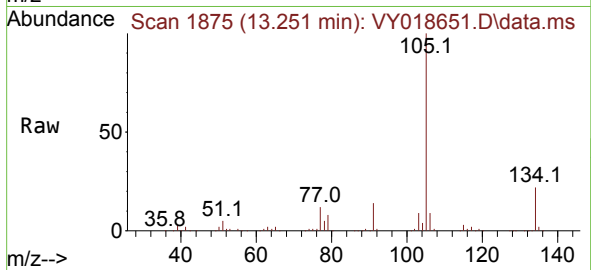
ClientSampleId :

Tgt Ion:105 Resp: 152030

Ion Ratio Lower Upper

105 100

134 20.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.469 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

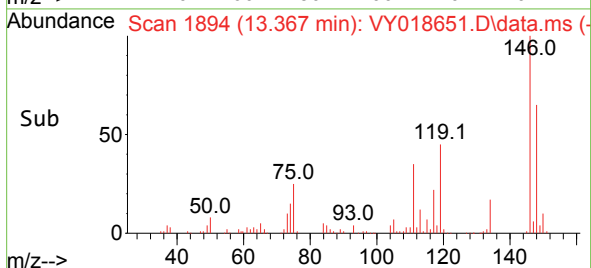
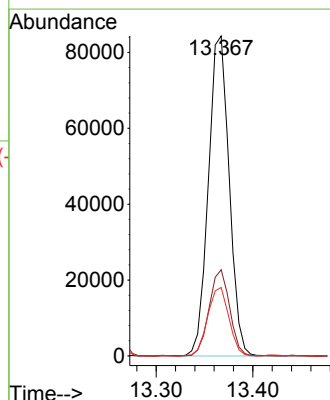
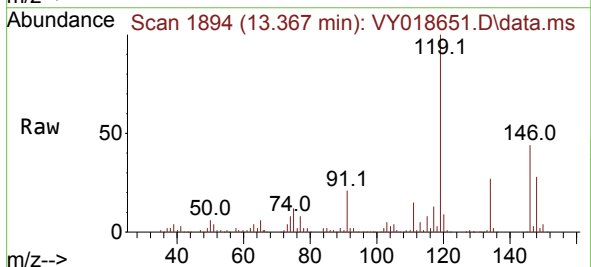
Tgt Ion:119 Resp: 126233

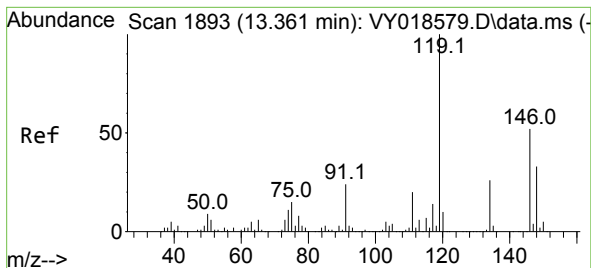
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

91 21.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 18.819 ug/l

RT: 13.361 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

Instrument :

MSVOA_Y

ClientSampleId :

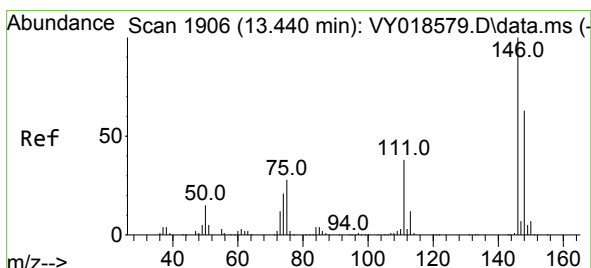
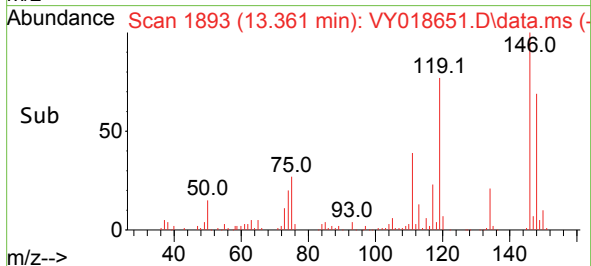
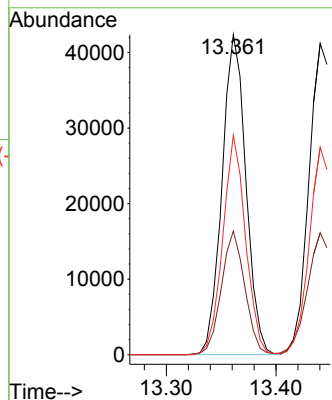
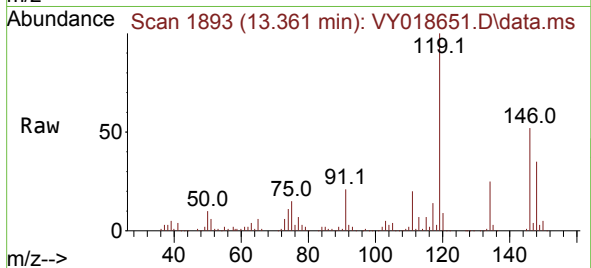
Tgt Ion:146 Resp: 64174

Ion Ratio Lower Upper

146 100

111 37.9 19.0 57.0

148 65.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.528 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

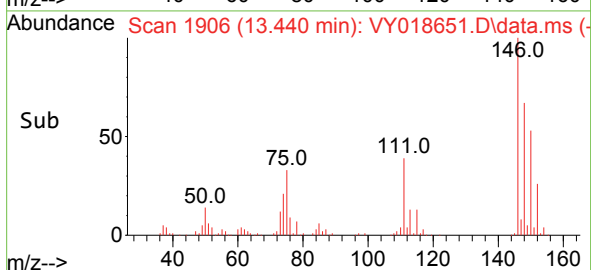
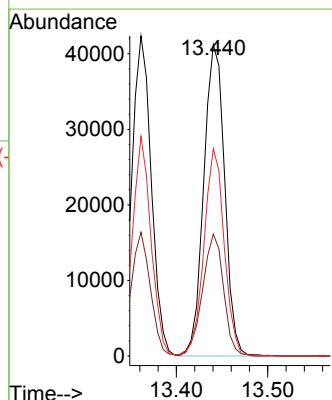
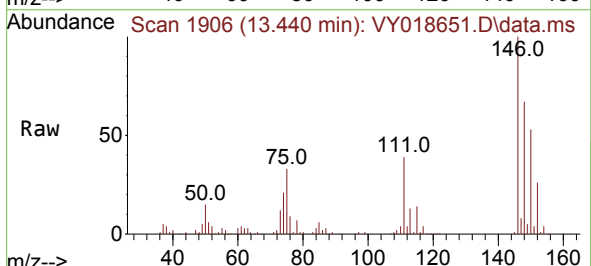
Tgt Ion:146 Resp: 65346

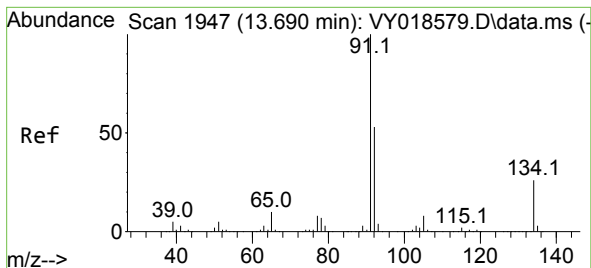
Ion Ratio Lower Upper

146 100

111 39.6 18.4 55.4

148 64.4 32.4 97.2





#89

n-Butylbenzene

Concen: 20.144 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

Instrument :

MSVOA_Y

ClientSampleId :

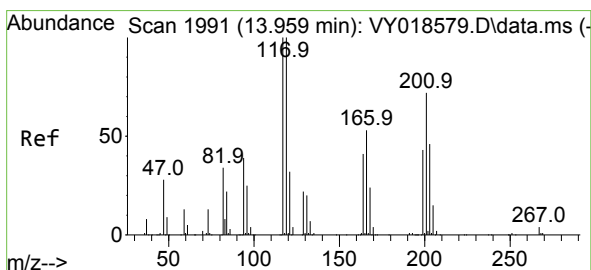
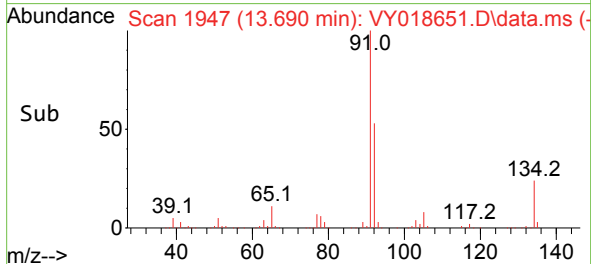
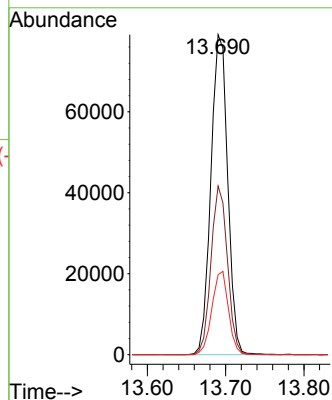
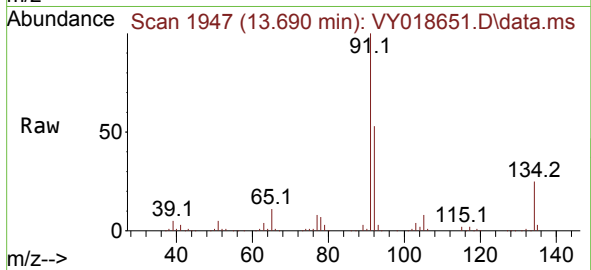
Tgt Ion: 91 Resp: 117724

Ion Ratio Lower Upper

91 100

92 51.4 26.6 79.7

134 25.7 12.9 38.7



#90

Hexachloroethane

Concen: 19.146 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018651.D

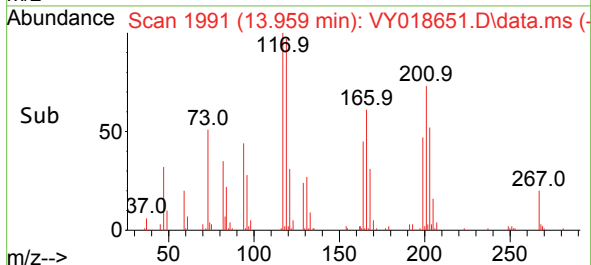
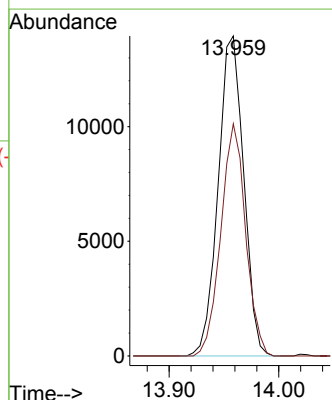
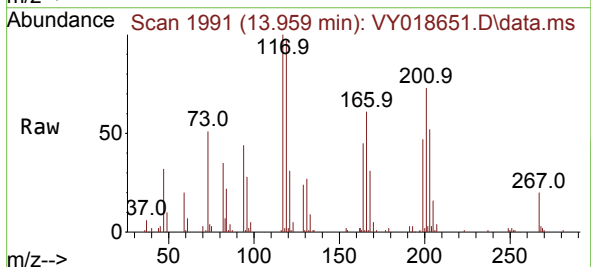
Acq: 20 Jun 2024 12:47

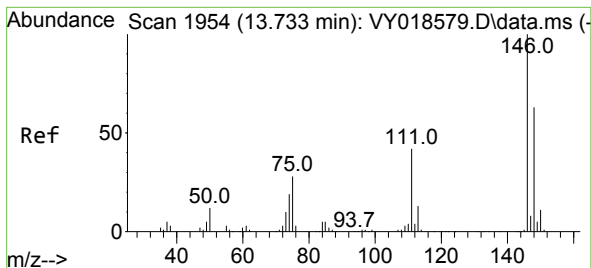
Tgt Ion: 117 Resp: 22551

Ion Ratio Lower Upper

117 100

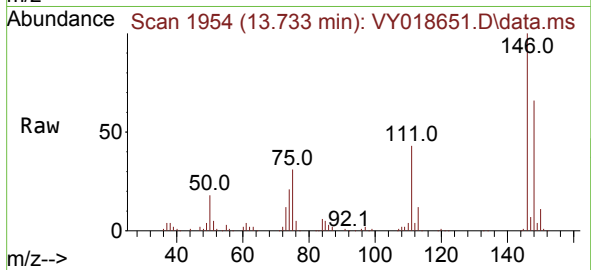
201 70.5 37.4 112.2



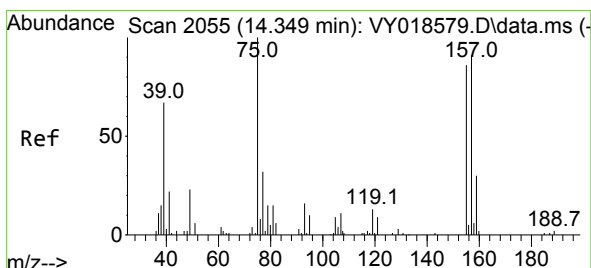
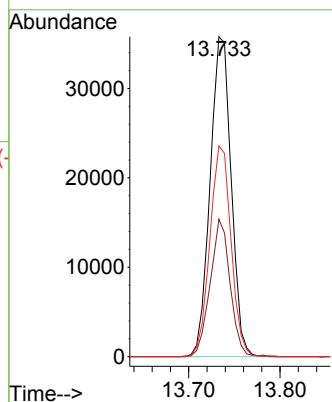
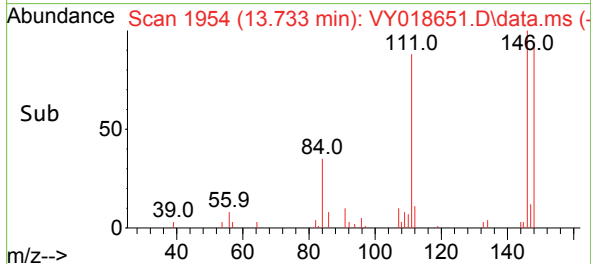


#91
1,2-Dichlorobenzene
Concen: 19.651 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47

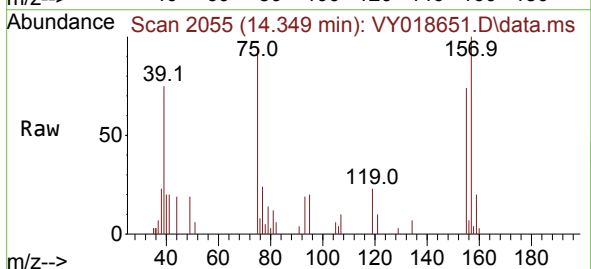
Instrument :
MSVOA_Y
ClientSampleId :



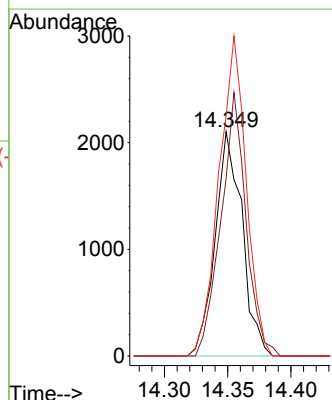
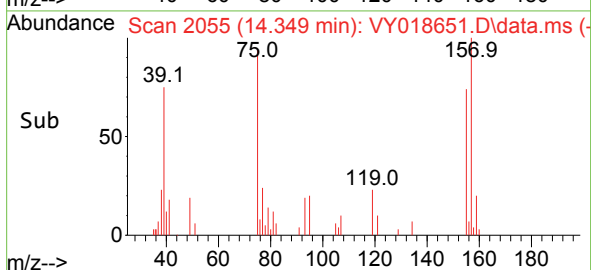
Tgt Ion:146 Resp: 57243
Ion Ratio Lower Upper
146 100
111 40.7 19.9 59.7
148 66.1 31.8 95.4

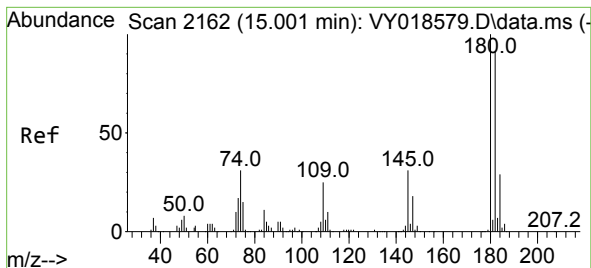


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.557 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. 0.000 min
Lab File: VY018651.D
Acq: 20 Jun 2024 12:47



Tgt Ion: 75 Resp: 3112
Ion Ratio Lower Upper
75 100
155 109.2 48.6 145.8
157 144.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.564 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

Instrument :

MSVOA_Y

ClientSampleId :

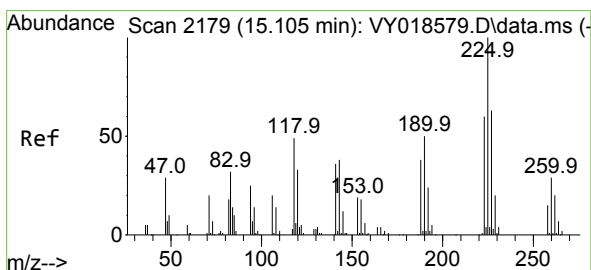
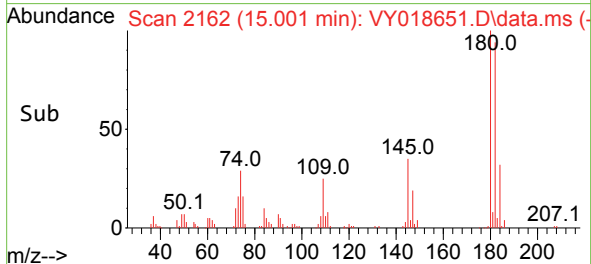
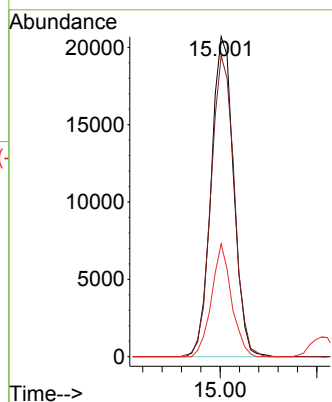
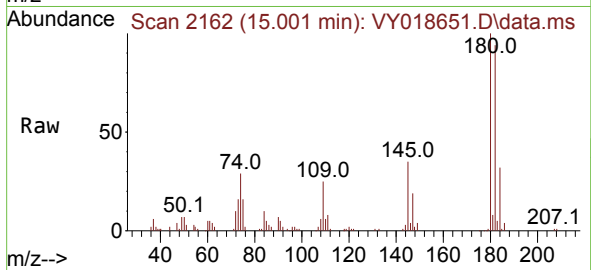
Tgt Ion:180 Resp: 33373

Ion Ratio Lower Upper

180 100

182 96.7 47.9 143.8

145 31.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.320 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. 0.000 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

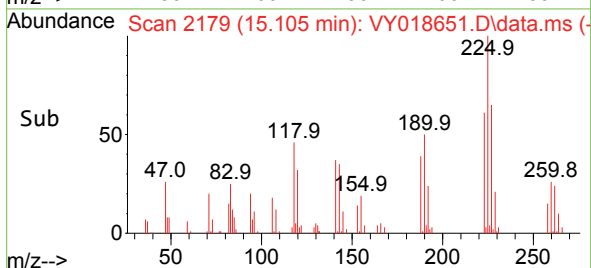
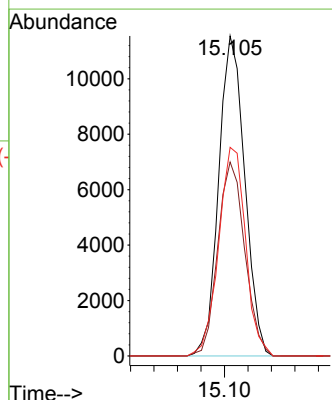
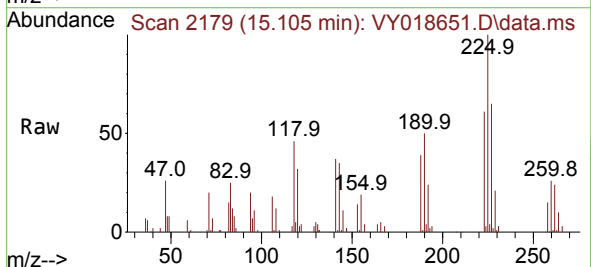
Tgt Ion:225 Resp: 17778

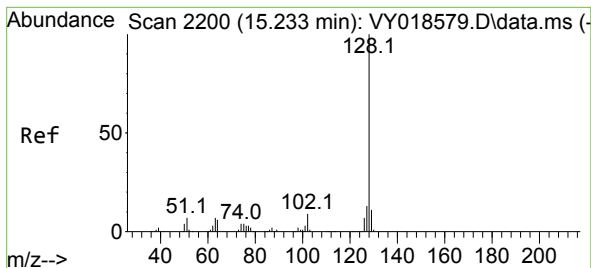
Ion Ratio Lower Upper

225 100

223 62.8 30.4 91.2

227 67.4 31.9 95.9





#95

Naphthalene

Concen: 20.355 ug/l

RT: 15.233 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY018651.D

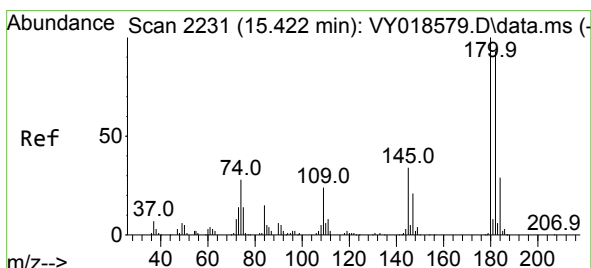
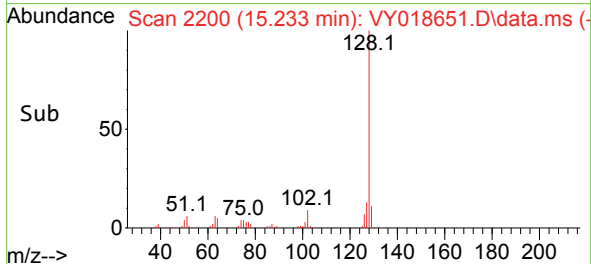
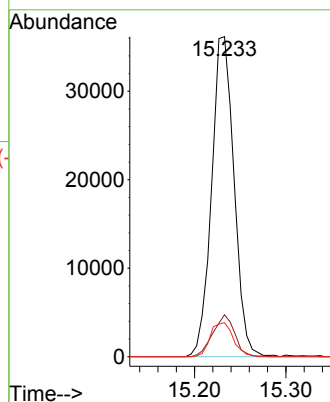
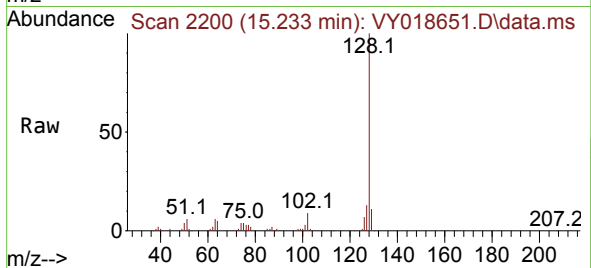
Acq: 20 Jun 2024 12:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	128	Resp:	61732
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	16.0
129	10.9	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.441 ug/l

RT: 15.416 min Scan# 2230

Delta R.T. -0.006 min

Lab File: VY018651.D

Acq: 20 Jun 2024 12:47

Tgt Ion:	180	Resp:	29401
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.6	142.9
145	31.3	15.4	46.1

