

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012524\
 Data File : VY017101.D
 Acq On : 25 Jan 2024 11:27
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 26 04:40:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	129165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	216193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	186532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	82267	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	66085	52.512	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.020%	
35) Dibromofluoromethane	7.728	113	67266	51.552	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.100%	
50) Toluene-d8	10.191	98	259767	52.709	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.420%	
62) 4-Bromofluorobenzene	12.489	95	80492	53.018	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.040%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	42742	45.129	ug/l	95
3) Chloromethane	2.119	50	81137	49.661	ug/l	99
4) Vinyl Chloride	2.253	62	98725	53.344	ug/l	97
5) Bromomethane	2.662	94	71969	51.913	ug/l	97
6) Chloroethane	2.802	64	65253	53.525	ug/l	99
7) Trichlorofluoromethane	3.131	101	102845	48.278	ug/l	99
8) Diethyl Ether	3.533	74	33660	45.230	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.911	101	62220	43.066	ug/l	99
10) Methyl Iodide	4.100	142	65204	47.506	ug/l	98
11) Tert butyl alcohol	4.960	59	21883	236.061	ug/l	100
12) 1,1-Dichloroethene	3.887	96	59470	44.968	ug/l	95
13) Acrolein	3.735	56	35912	237.941	ug/l	99
14) Allyl chloride	4.491	41	94153	47.102	ug/l	99
15) Acrylonitrile	5.167	53	76311	236.266	ug/l	99
16) Acetone	3.954	43	76696	222.084	ug/l	99
17) Carbon Disulfide	4.204	76	176168	44.197	ug/l	99
18) Methyl Acetate	4.484	43	65252	50.544	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	153510	47.567	ug/l	99
20) Methylene Chloride	4.728	84	68541	48.838	ug/l	97
21) trans-1,2-Dichloroethene	5.240	96	70080	45.812	ug/l	96
22) Diisopropyl ether	6.131	45	211733	47.986	ug/l	97
23) Vinyl Acetate	6.070	43	505950	236.387	ug/l	100
24) 1,1-Dichloroethane	6.033	63	121799	45.256	ug/l	98
25) 2-Butanone	6.996	43	103454	218.643	ug/l	98
26) 2,2-Dichloropropane	6.996	77	105711	45.988	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	78636	46.388	ug/l	99
28) Bromochloromethane	7.344	49	58002	54.135	ug/l	99
29) Tetrahydrofuran	7.362	42	62175	243.646	ug/l	100
30) Chloroform	7.521	83	124749	45.521	ug/l	96
31) Cyclohexane	7.801	56	107154	47.859	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	108462	46.155	ug/l	99
36) 1,1-Dichloropropene	7.929	75	99450	46.324	ug/l	100
37) Ethyl Acetate	7.088	43	43456	47.075	ug/l	99
38) Carbon Tetrachloride	7.911	117	95183	45.243	ug/l	99
39) Methylcyclohexane	9.197	83	117198	45.388	ug/l	99
40) Benzene	8.173	78	287040	46.039	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	22243	45.053	ug/l	94
42) 1,2-Dichloroethane	8.246	62	74473	46.074	ug/l	99
43) Isopropyl Acetate	8.283	43	81538	47.315	ug/l	99
44) Trichloroethene	8.953	130	72883	45.578	ug/l	98
45) 1,2-Dichloropropane	9.228	63	71305	46.596	ug/l	100
46) Dibromomethane	9.313	93	37582	46.244	ug/l	98
47) Bromodichloromethane	9.508	83	95785	46.328	ug/l	96
48) Methyl methacrylate	9.301	41	47435	49.575	ug/l	99
49) 1,4-Dioxane	9.307	88	8538	1068.182	ug/l	95
51) 4-Methyl-2-Pentanone	10.081	43	222327	242.527	ug/l	100
52) Toluene	10.252	92	176752	46.838	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	91891	48.652	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	109942	47.328	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	51780	45.587	ug/l	96
56) Ethyl methacrylate	10.520	69	49213	49.546	ug/l	99
57) 1,3-Dichloropropane	10.800	76	89830	46.777	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	205044	297.386	ug/l	99
59) 2-Hexanone	10.843	43	156627	223.955	ug/l	99
60) Dibromochloromethane	10.996	129	60827	46.094	ug/l	99
61) 1,2-Dibromoethane	11.099	107	48799	47.293	ug/l	99
64) Tetrachloroethene	10.727	164	57437	44.176	ug/l	99
65) Chlorobenzene	11.526	112	178400	45.132	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	65979	45.696	ug/l	99
67) Ethyl Benzene	11.599	91	334080	46.491	ug/l	99
68) m/p-Xylenes	11.709	106	250597	92.818	ug/l	99
69) o-Xylene	12.038	106	116856	47.648	ug/l	99
70) Styrene	12.056	104	172009	48.312	ug/l	99
71) Bromoform	12.215	173	32912	45.459	ug/l #	96
73) Isopropylbenzene	12.337	105	312354	46.186	ug/l	100
74) N-amyl acetate	12.154	43	65060	47.726	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	59340	46.014	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	72238	72.342	ug/l #	100
77) Bromobenzene	12.617	156	67273	45.971	ug/l	99
78) n-propylbenzene	12.678	91	379689	46.677	ug/l	100
79) 2-Chlorotoluene	12.763	91	206347	46.227	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	249919	46.692	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.385	75	17994	46.652	ug/l	99
82) 4-Chlorotoluene	12.861	91	212679	45.972	ug/l	99
83) tert-Butylbenzene	13.080	119	210547	45.477	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	247368	46.499	ug/l	99
85) sec-Butylbenzene	13.263	105	321250	46.861	ug/l	100
86) p-Isopropyltoluene	13.379	119	268935	47.096	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	130770	45.262	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	127401	44.817	ug/l	99
89) n-Butylbenzene	13.702	91	258620	46.954	ug/l	100
90) Hexachloroethane	13.971	117	53532	44.977	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	113153	45.861	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7533	45.735	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	57526	44.616	ug/l	99
94) Hexachlorobutadiene	15.117	225	33039	42.576	ug/l	99
95) Naphthalene	15.245	128	107763	47.321	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	47336	44.128	ug/l	99

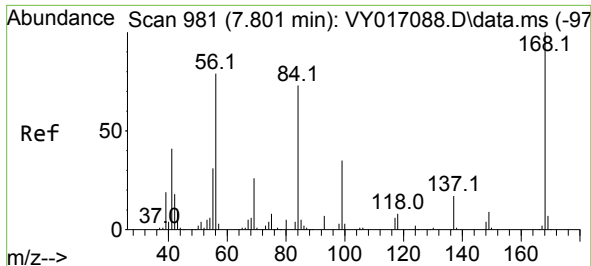
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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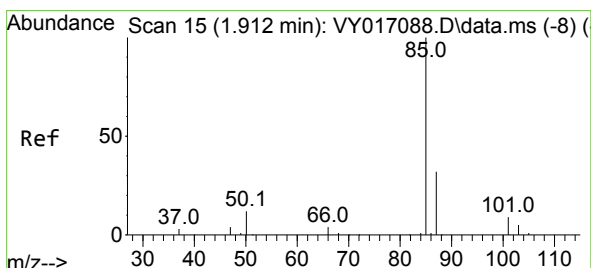
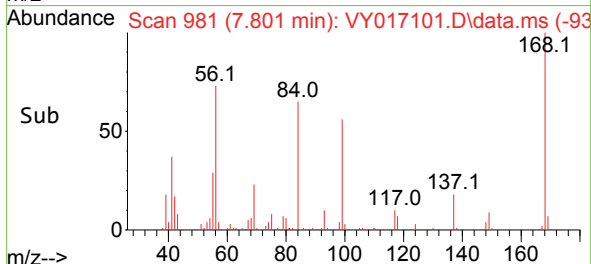
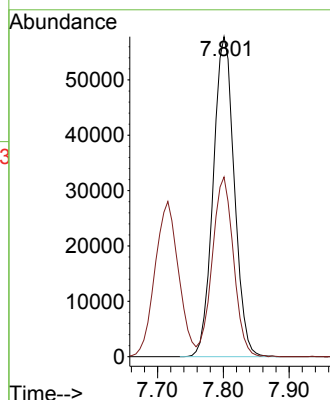
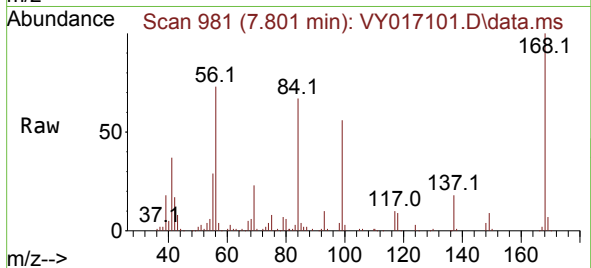
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

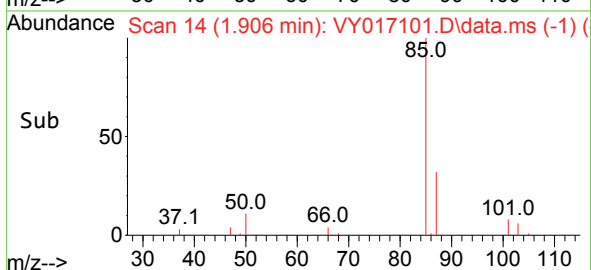
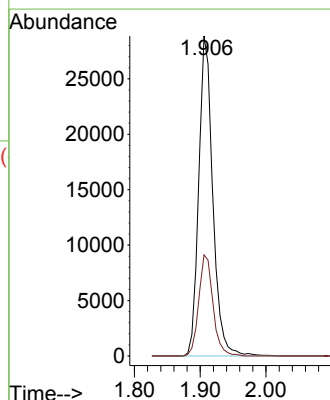
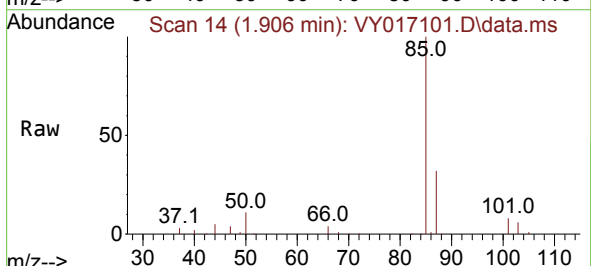
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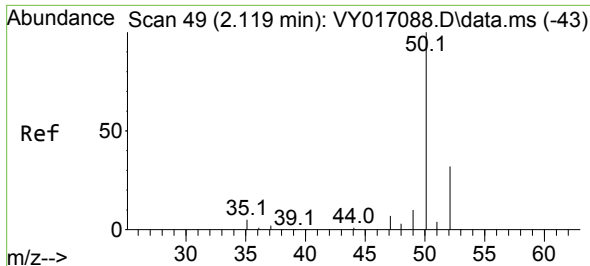
Tgt Ion:168 Resp: 129165
Ion Ratio Lower Upper
168 100
99 56.1 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 45.129 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

Tgt Ion: 85 Resp: 42742
Ion Ratio Lower Upper
85 100
87 31.6 17.1 51.3

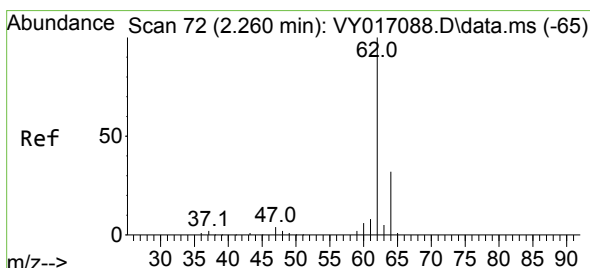
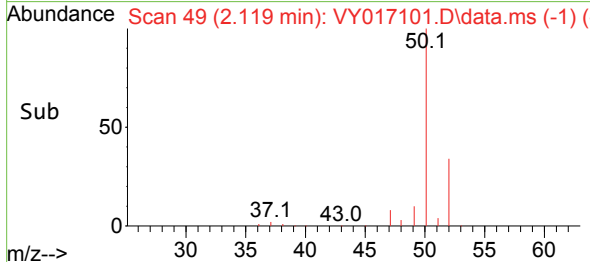
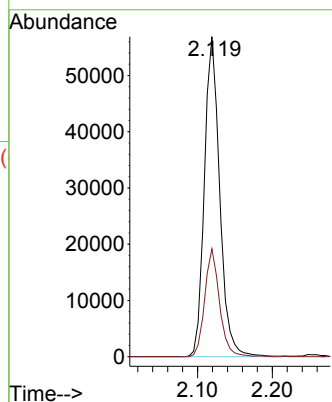
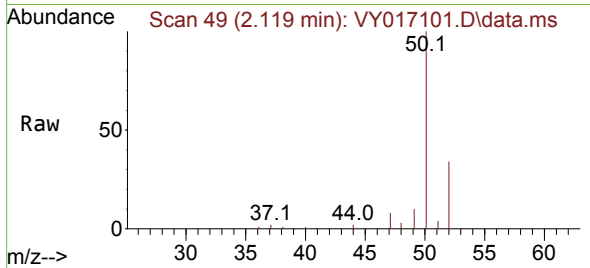




#3
Chloromethane
Concen: 49.661 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

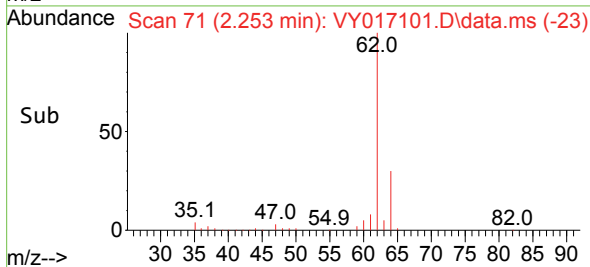
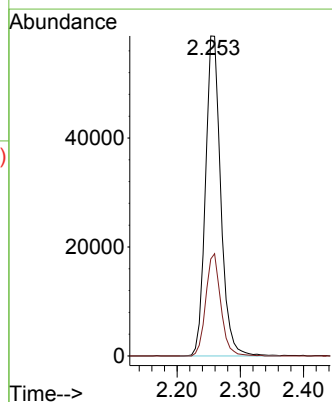
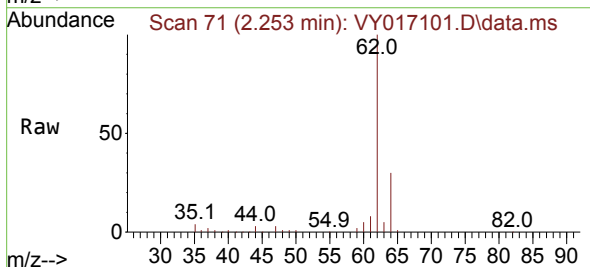
Instrument :
MSVOA_Y
ClientSampleId :

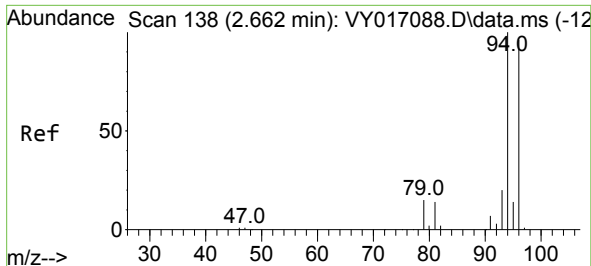
Tgt Ion: 50 Resp: 81137
Ion Ratio Lower Upper
50 100
52 33.7 26.7 40.1



#4
Vinyl Chloride
Concen: 53.344 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

Tgt Ion: 62 Resp: 98725
Ion Ratio Lower Upper
62 100
64 30.3 25.7 38.5

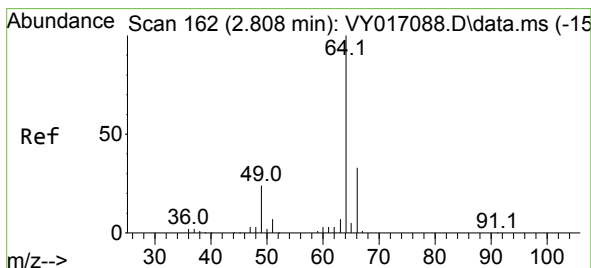
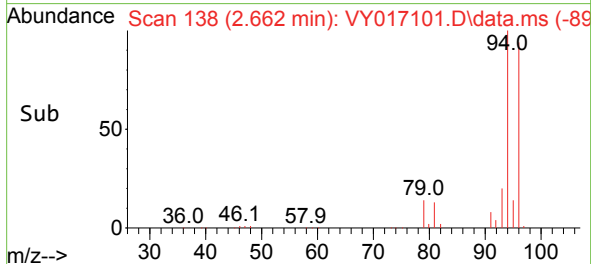
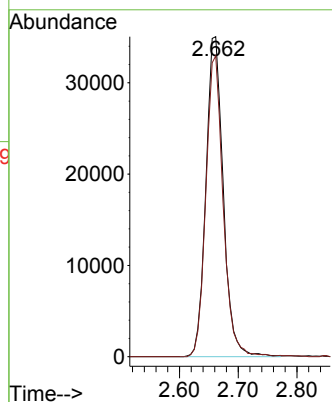
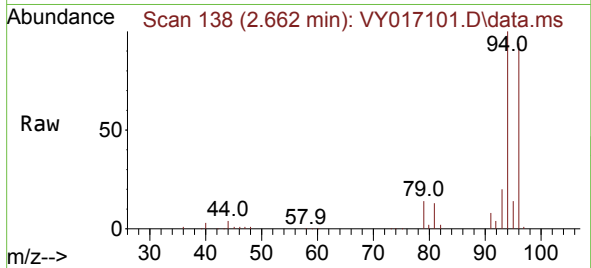




#5
Bromomethane
Concen: 51.913 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

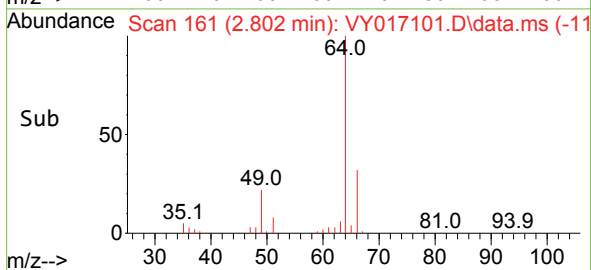
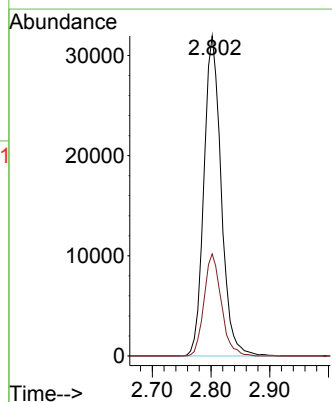
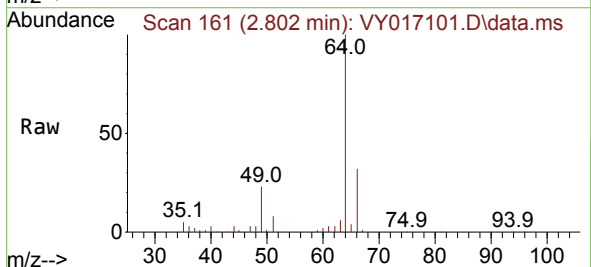
Instrument :
MSVOA_Y
ClientSampleId :

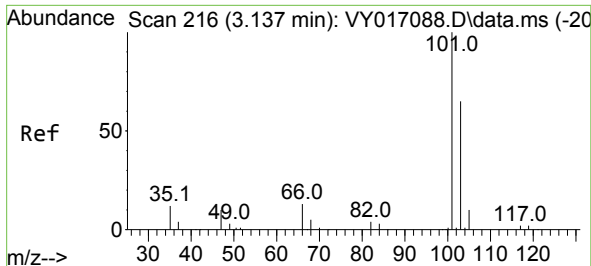
Tgt Ion: 94 Resp: 71969
Ion Ratio Lower Upper
94 100
96 94.0 77.3 115.9



#6
Chloroethane
Concen: 53.525 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

Tgt Ion: 64 Resp: 65253
Ion Ratio Lower Upper
64 100
66 31.9 25.1 37.7

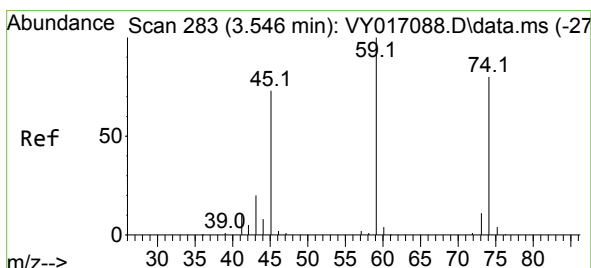
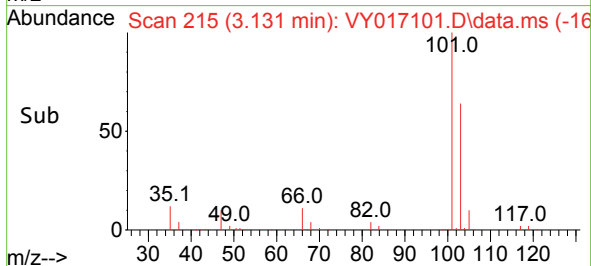
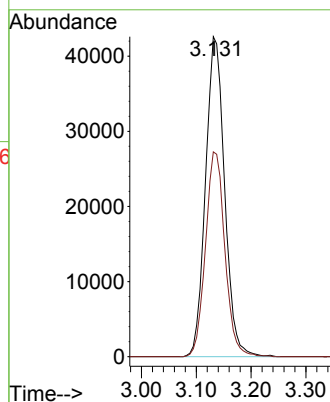
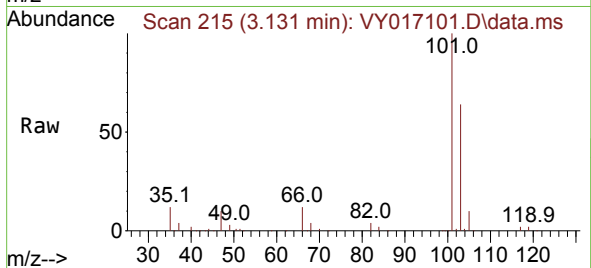




#7
 Trichlorofluoromethane
 Concen: 48.278 ug/l
 RT: 3.131 min Scan# 216
 Delta R.T. -0.006 min
 Lab File: VY017101.D
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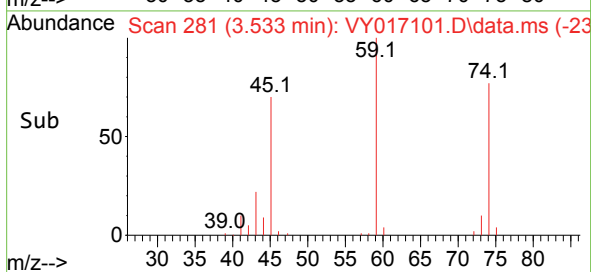
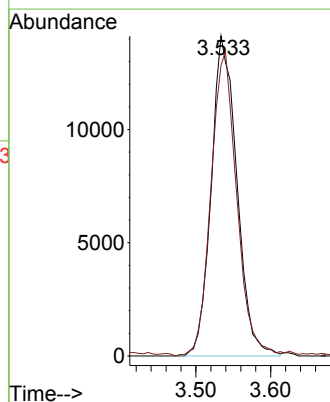
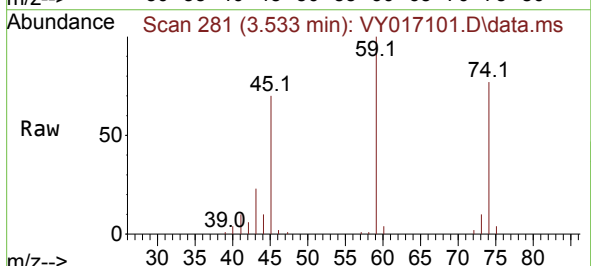
Instrument :
 MSVOA_Y
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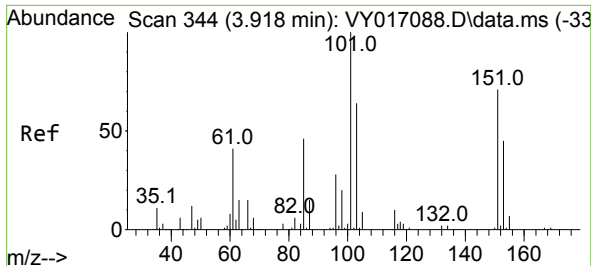
Tgt Ion:101 Resp: 102845
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.9 77.9



#8
 Diethyl Ether
 Concen: 45.230 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. -0.007 min
 Lab File: VY017101.D
 Acq: 25 Jan 2024 11:27

Tgt Ion: 74 Resp: 33660
 Ion Ratio Lower Upper
 74 100
 45 96.3 47.9 143.7

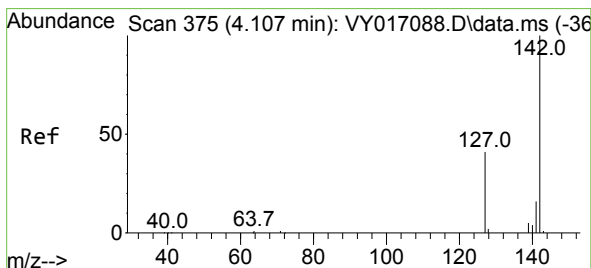
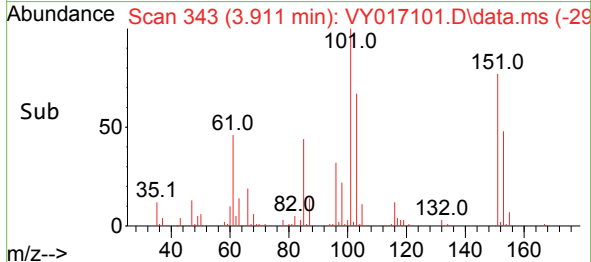
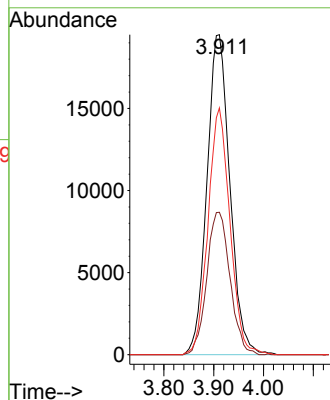
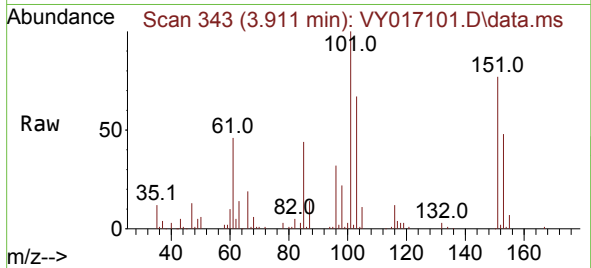




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.066 ug/l
RT: 3.911 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY017101.D
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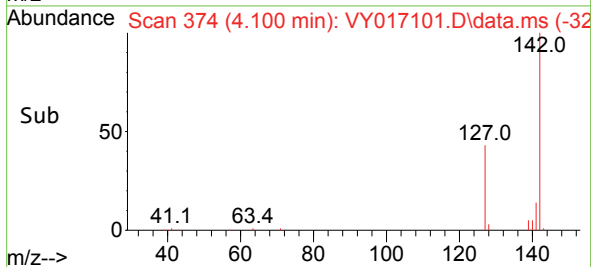
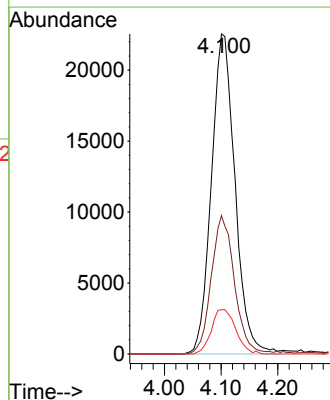
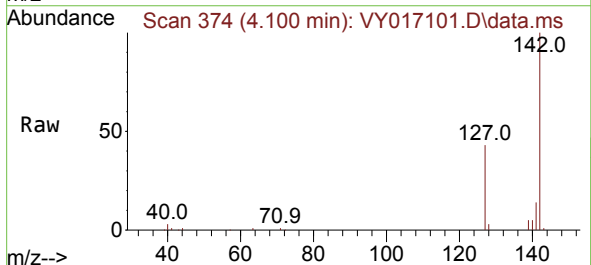
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MSVOA_Y
ClientSampleId :

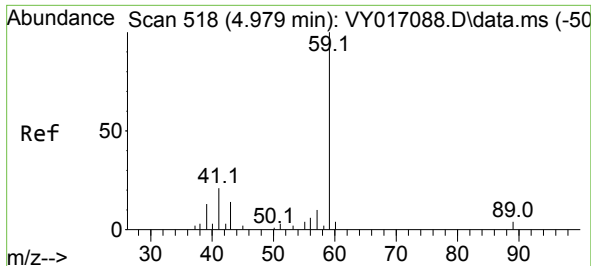
Tgt Ion:101 Resp: 62220
Ion Ratio Lower Upper
101 100
85 45.1 35.8 53.6
151 73.8 58.6 88.0



#10
Methyl Iodide
Concen: 47.506 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

Tgt Ion:142 Resp: 65204
Ion Ratio Lower Upper
142 100
127 42.4 35.1 52.7
141 14.3 11.8 17.6

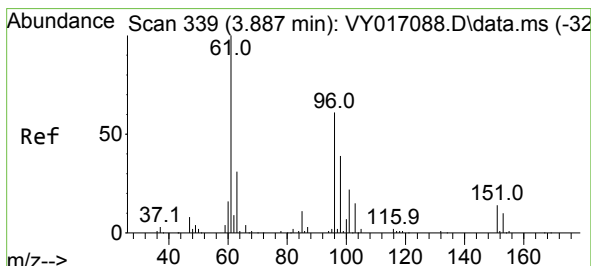
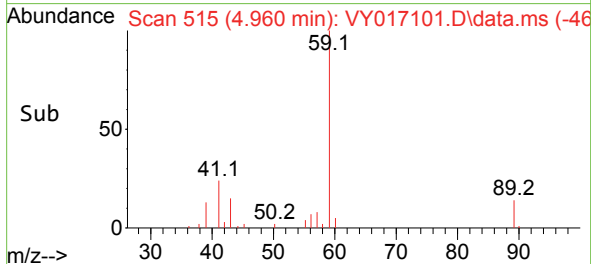
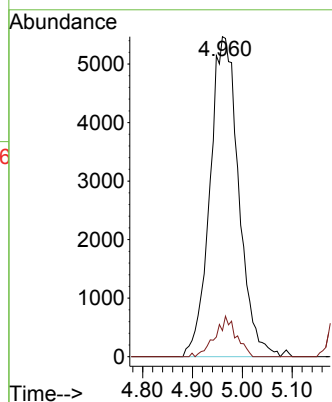
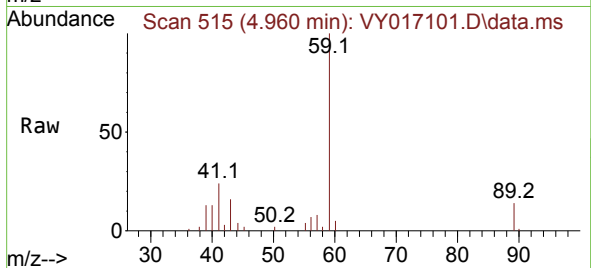




#11
Tert butyl alcohol
Concen: 236.061 ug/l
RT: 4.960 min Scan# 518
Delta R.T. -0.006 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

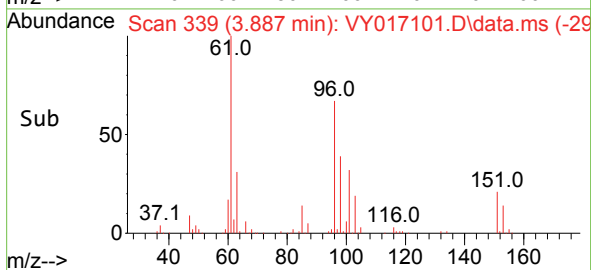
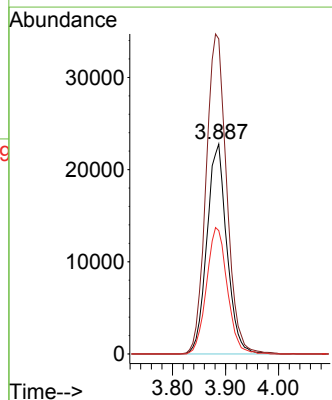
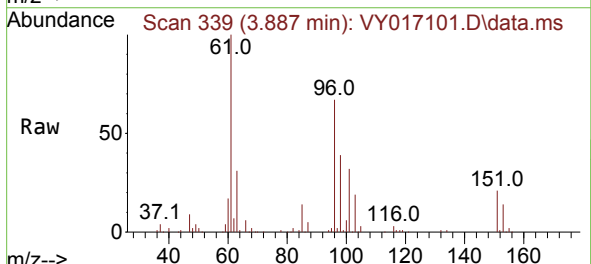
Instrument :
MSVOA_Y
ClientSampleId :

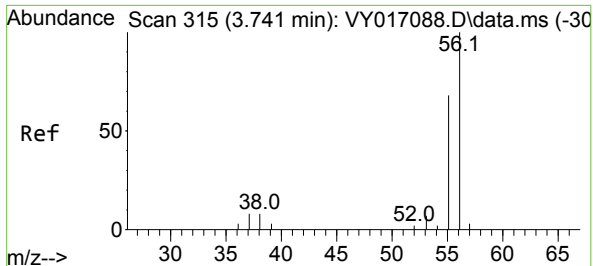
Tgt Ion: 59 Resp: 21883
Ion Ratio Lower Upper
59 100
57 9.3 7.4 11.0



#12
1,1-Dichloroethene
Concen: 44.968 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

Tgt Ion: 96 Resp: 59470
Ion Ratio Lower Upper
96 100
61 150.1 124.2 186.2
98 58.7 52.6 79.0





#13

Acrolein

Concen: 237.941 ug/l

RT: 3.735 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

Instrument :

MSVOA_Y

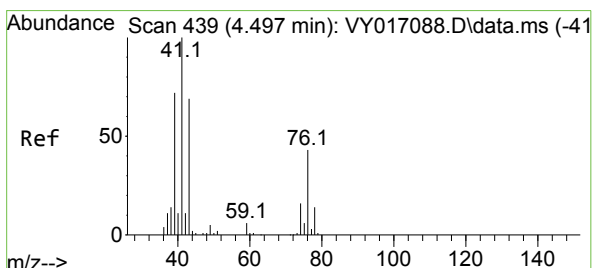
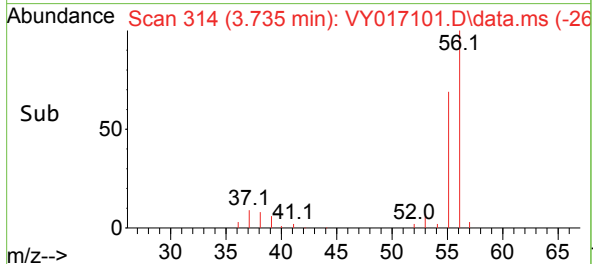
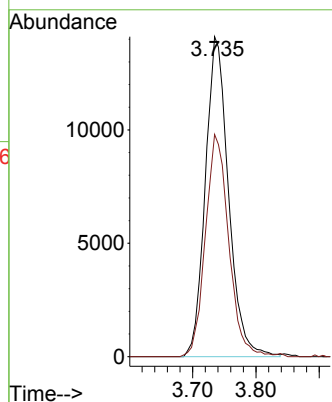
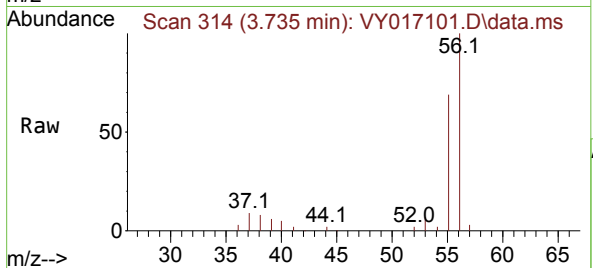
ClientSampleId :

Tgt Ion: 56 Resp: 35912

Ion Ratio Lower Upper

56 100

55 69.8 55.4 83.0



#14

Allyl chloride

Concen: 47.102 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

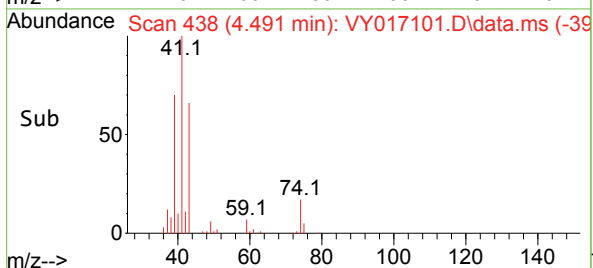
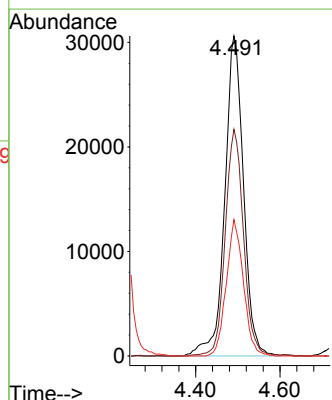
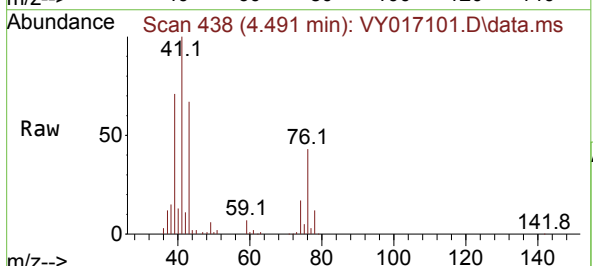
Tgt Ion: 41 Resp: 94153

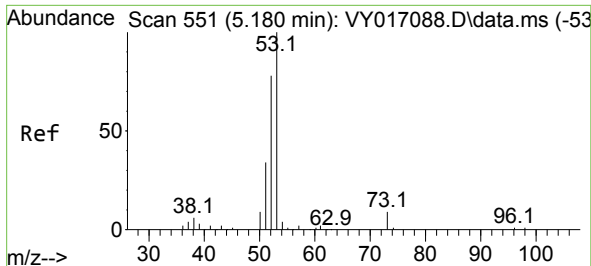
Ion Ratio Lower Upper

41 100

39 69.1 54.7 82.1

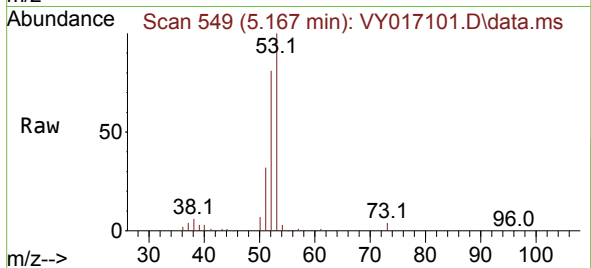
76 39.1 31.8 47.6



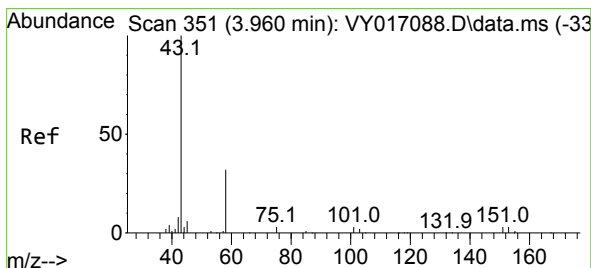
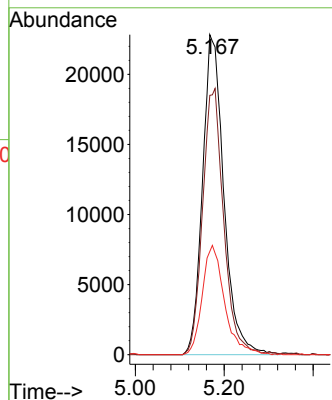
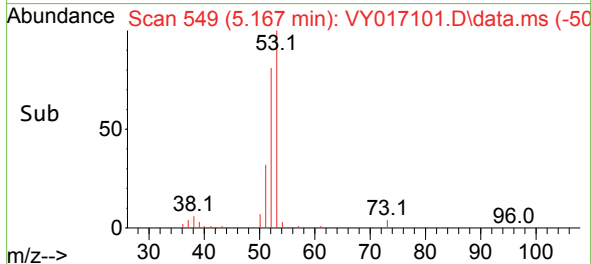


#15
Acrylonitrile
Concen: 236.266 ug/l
RT: 5.167 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

Instrument :
MSVOA_Y
ClientSampleId :

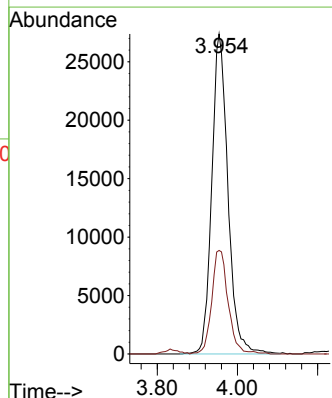
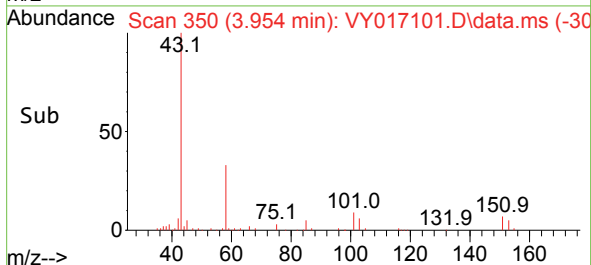
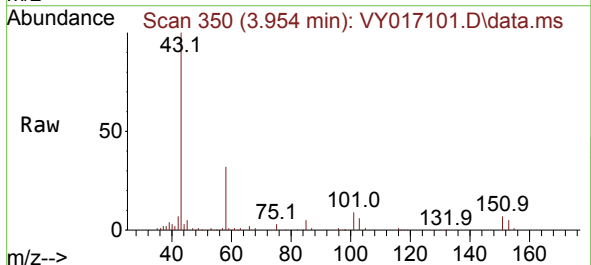


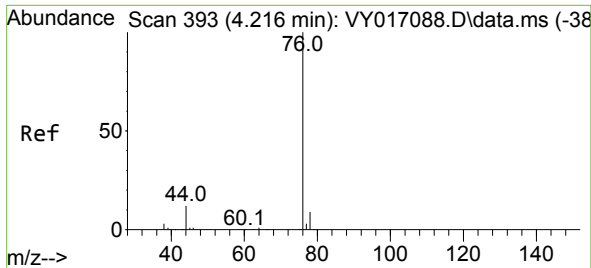
Tgt Ion: 53 Resp: 76311
Ion Ratio Lower Upper
53 100
52 81.9 65.1 97.7
51 35.7 29.0 43.4



#16
Acetone
Concen: 222.084 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

Tgt Ion: 43 Resp: 76696
Ion Ratio Lower Upper
43 100
58 32.4 26.6 39.8

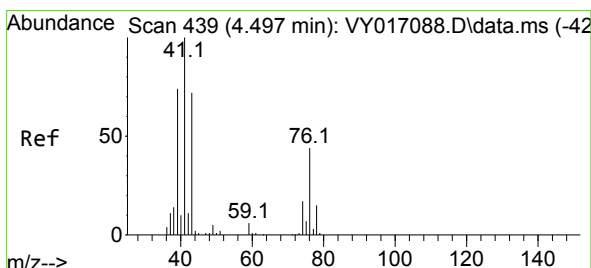
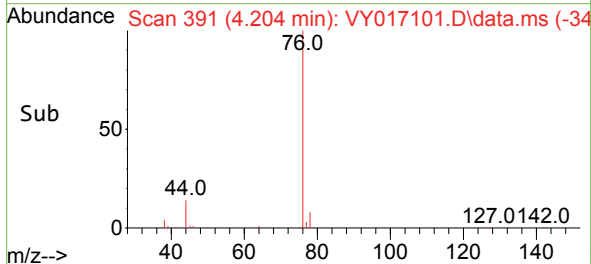
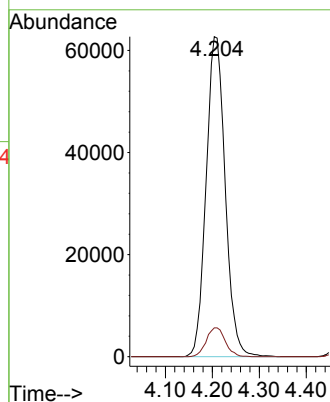
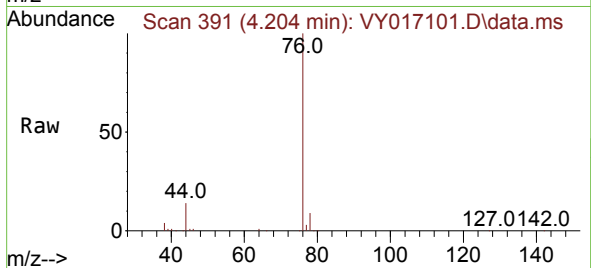




#17
Carbon Disulfide
Concen: 44.197 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

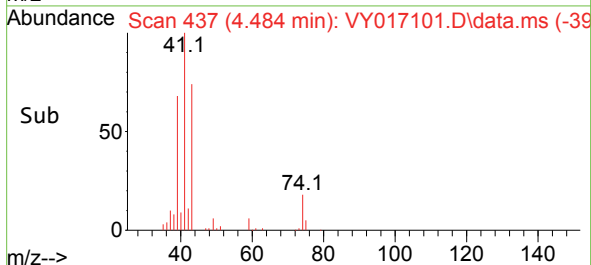
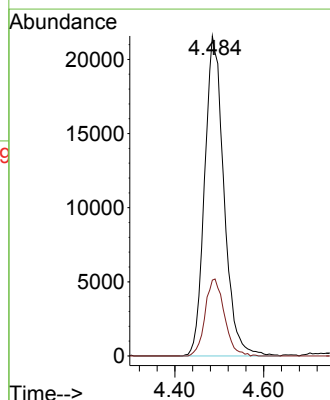
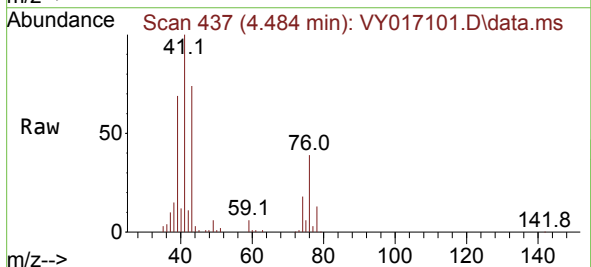
Instrument :
MSVOA_Y
ClientSampleId :

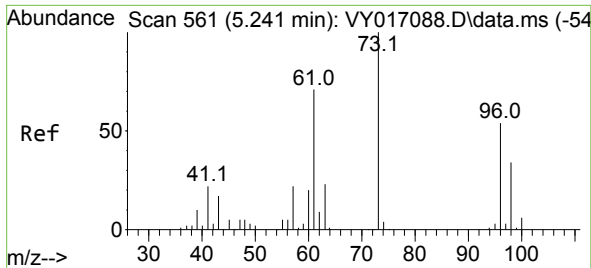
Tgt Ion: 76 Resp: 176168
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 50.544 ug/l
RT: 4.484 min Scan# 437
Delta R.T. -0.013 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

Tgt Ion: 43 Resp: 65252
Ion Ratio Lower Upper
43 100
74 24.0 19.8 29.6

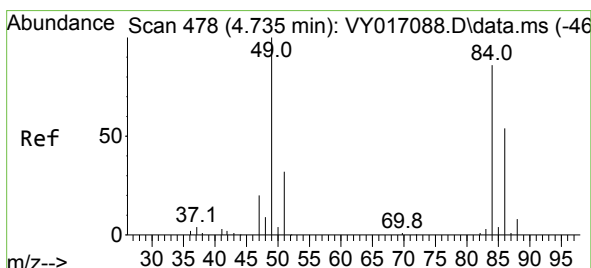
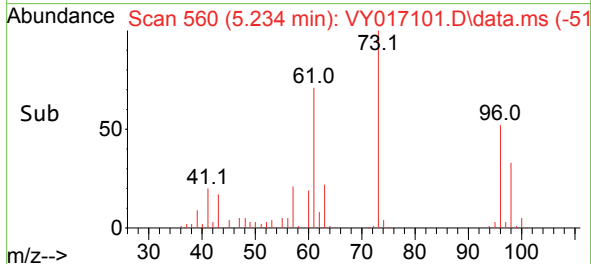
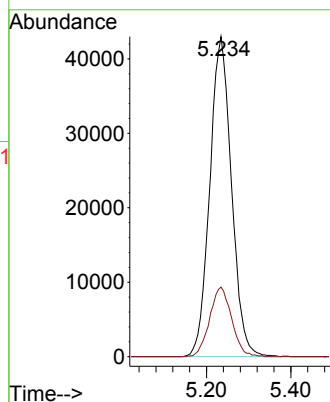
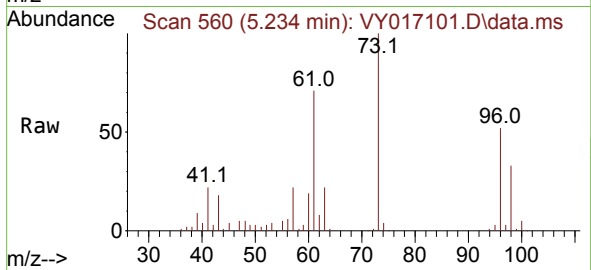




#19
Methyl tert-butyl Ether
Concen: 47.567 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

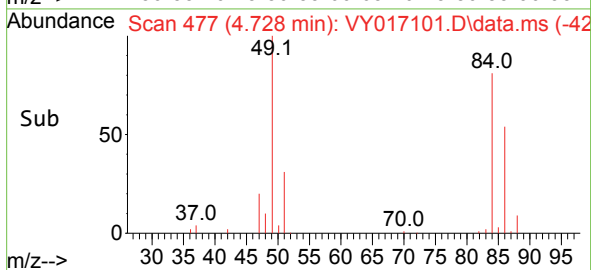
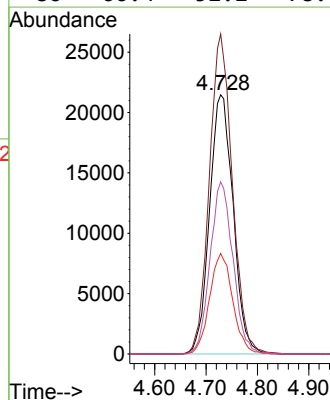
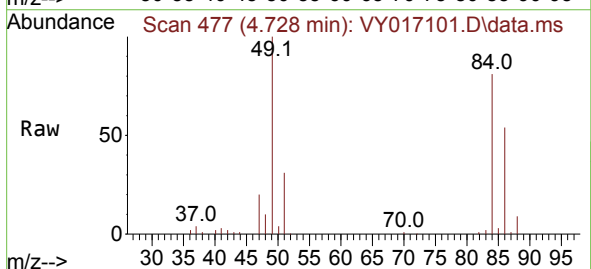
Instrument :
MSVOA_Y
ClientSampleId :

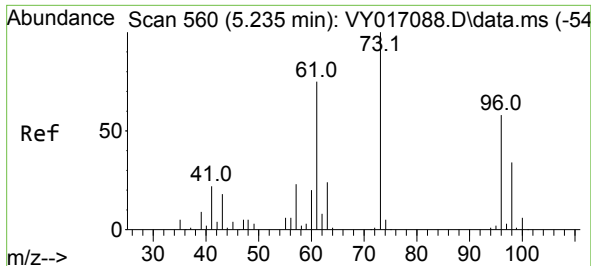
Tgt Ion: 73 Resp: 153510
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5



#20
Methylene Chloride
Concen: 48.838 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

Tgt Ion: 84 Resp: 68541
Ion Ratio Lower Upper
84 100
49 123.4 95.2 142.8
51 38.8 29.9 44.9
86 66.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 45.812 ug/l

RT: 5.240 min Scan# 5

Delta R.T. 0.000 min

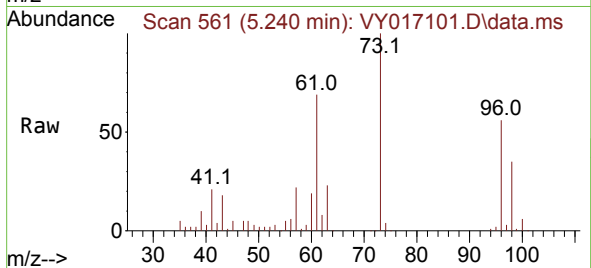
Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :



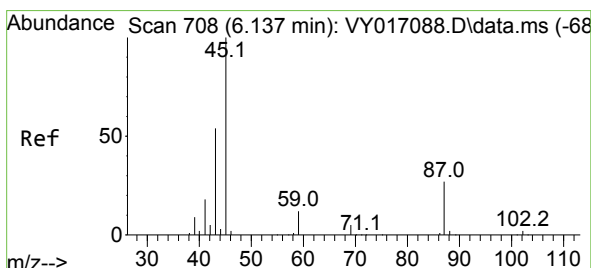
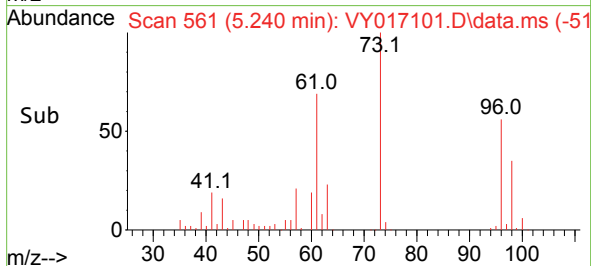
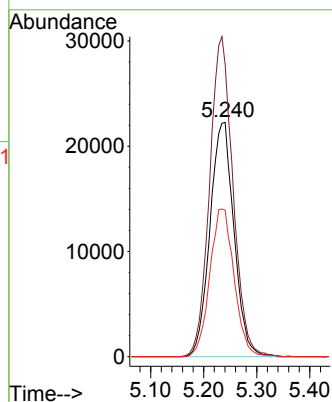
Tgt Ion: 96 Resp: 70080

Ion Ratio Lower Upper

96 100

61 124.7 104.6 156.8

98 62.6 50.9 76.3



#22

Diisopropyl ether

Concen: 47.986 ug/l

RT: 6.131 min Scan# 707

Delta R.T. -0.000 min

Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

Tgt Ion: 45 Resp: 211733

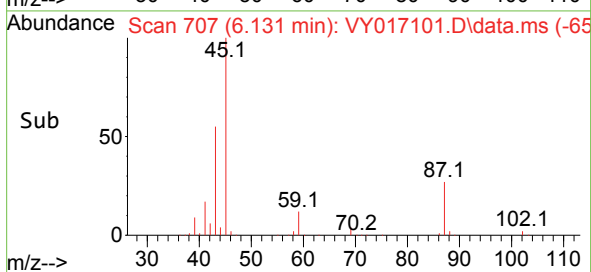
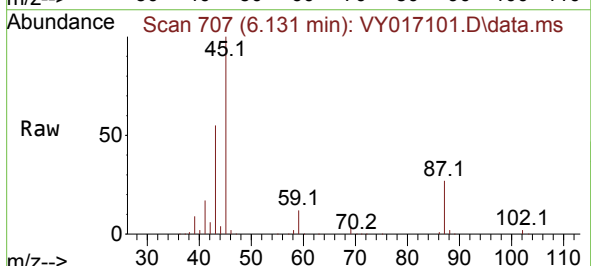
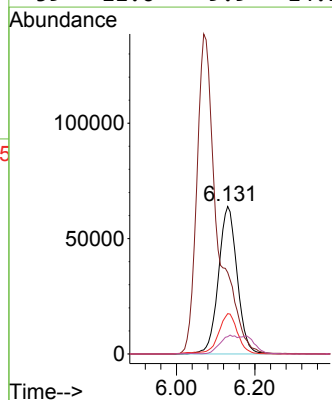
Ion Ratio Lower Upper

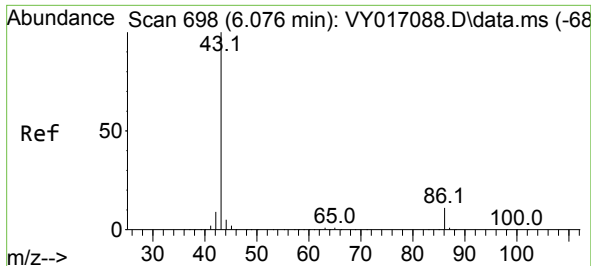
45 100

43 54.9 46.8 70.2

87 27.3 22.2 33.2

59 11.6 9.9 14.9

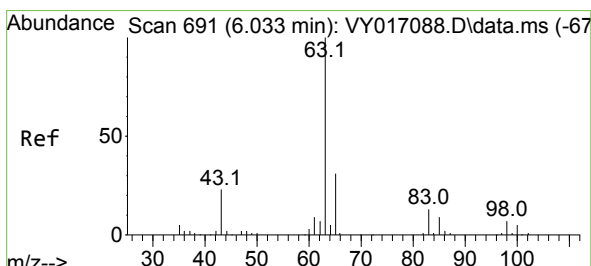
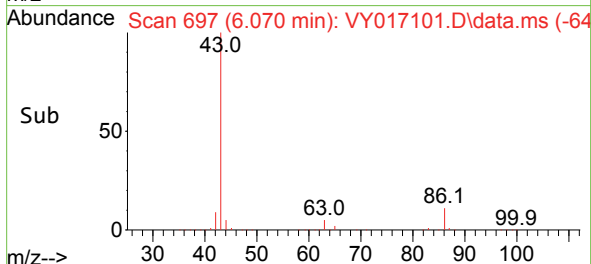
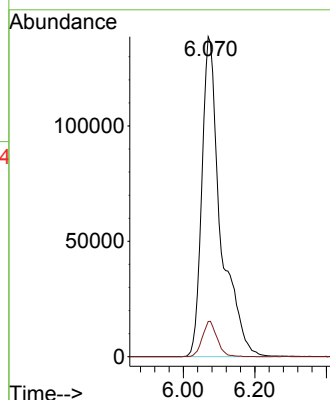
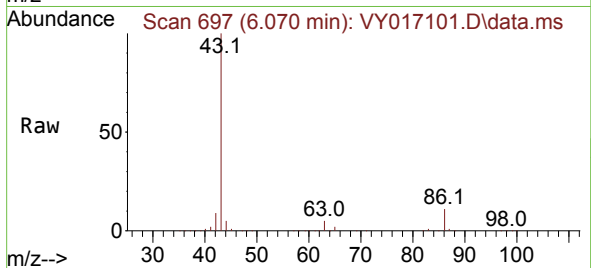




#23
 Vinyl Acetate
 Concen: 236.387 ug/l
 RT: 6.070 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VY017101.D
 Acq: 25 Jan 2024 11:27

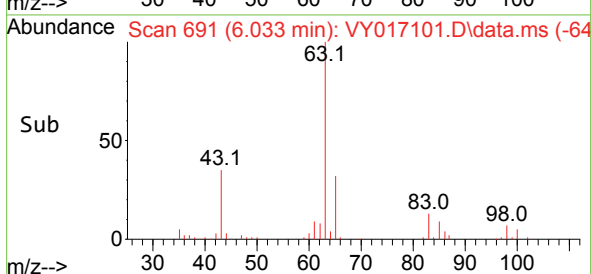
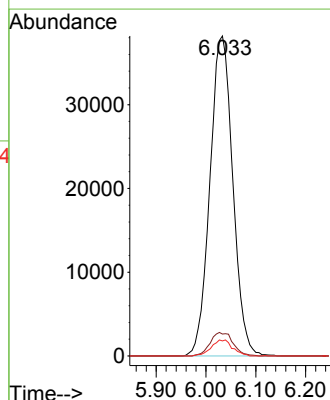
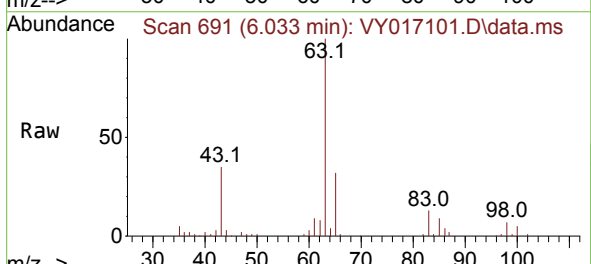
Instrument :
 MSVOA_Y
 ClientSampleId :

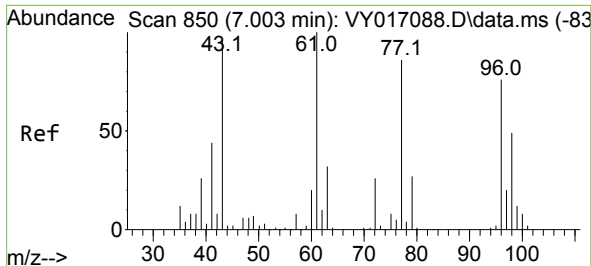
Tgt Ion: 43 Resp: 505950
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 45.256 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.000 min
 Lab File: VY017101.D
 Acq: 25 Jan 2024 11:27

Tgt Ion: 63 Resp: 121799
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.7 2.1 6.2

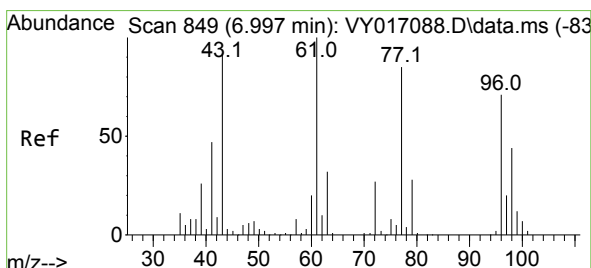
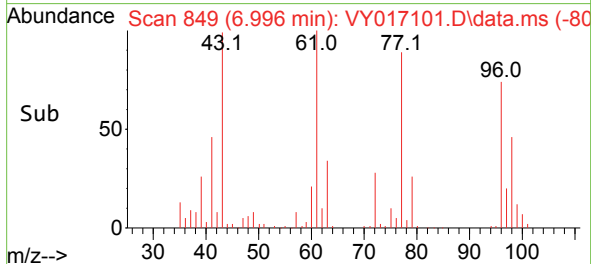
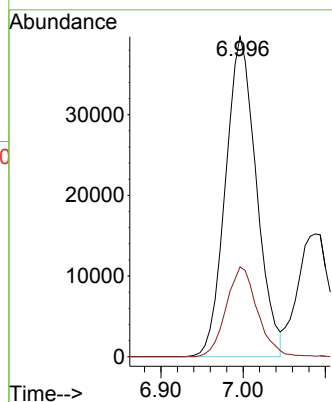
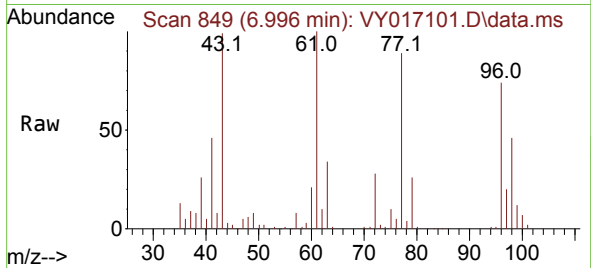




#25
2-Butanone
Concen: 218.643 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

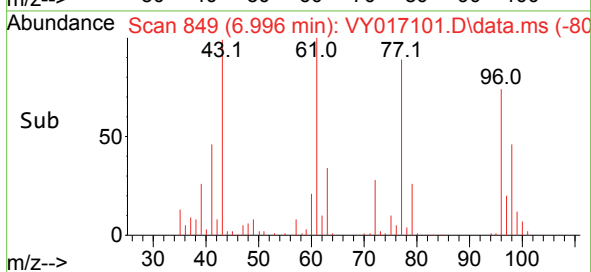
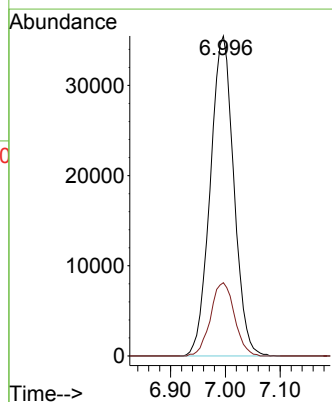
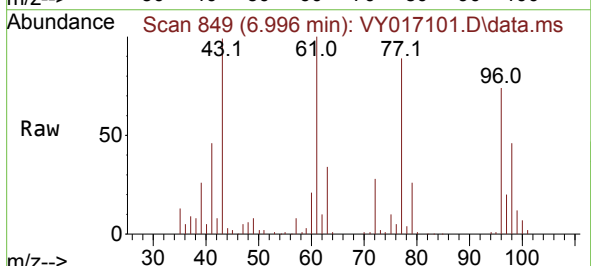
Instrument :
MSVOA_Y
ClientSampleId :

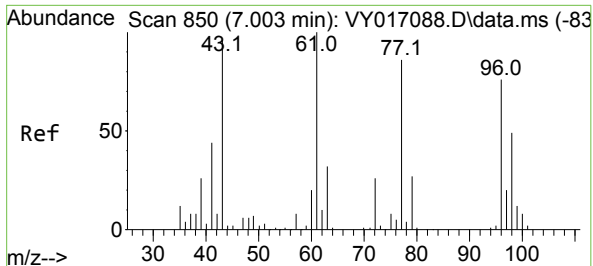
Tgt Ion: 43 Resp: 103454
Ion Ratio Lower Upper
43 100
72 28.1 21.4 32.2



#26
2,2-Dichloropropane
Concen: 45.988 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

Tgt Ion: 77 Resp: 105711
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 46.388 ug/l

RT: 6.996 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :

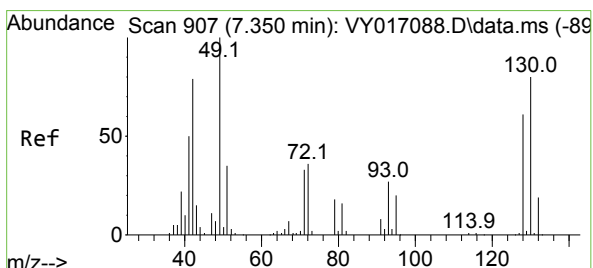
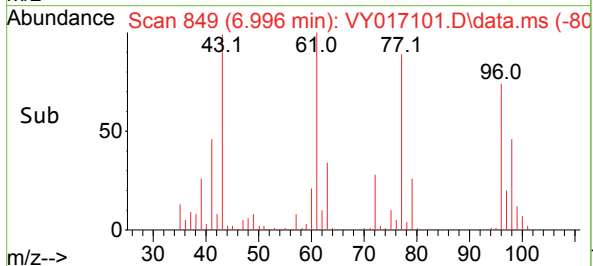
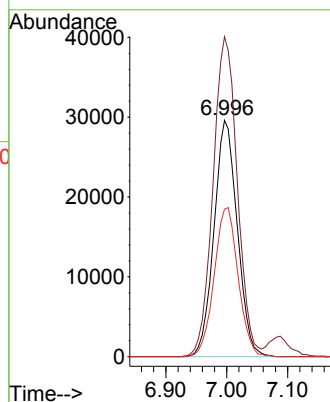
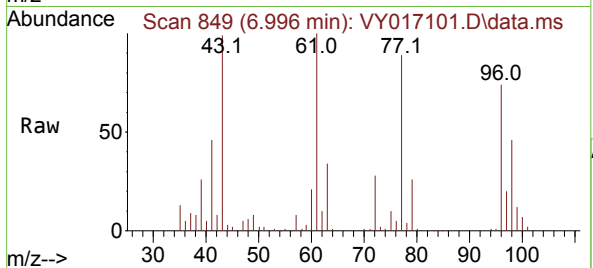
Tgt Ion: 96 Resp: 78636

Ion Ratio Lower Upper

96 100

61 140.9 0.0 278.8

98 65.0 0.0 127.0



#28

Bromochloromethane

Concen: 54.135 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

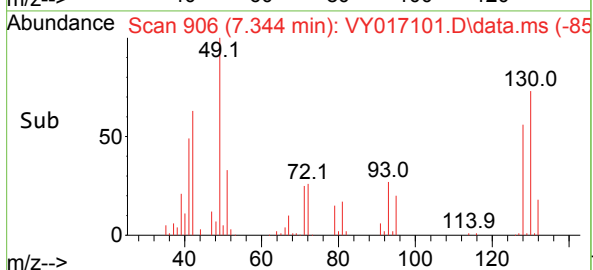
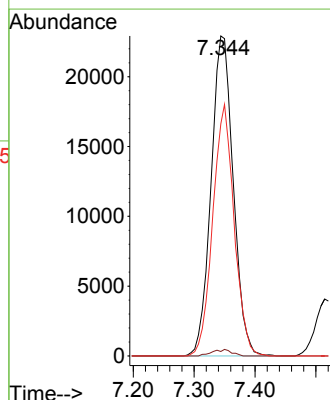
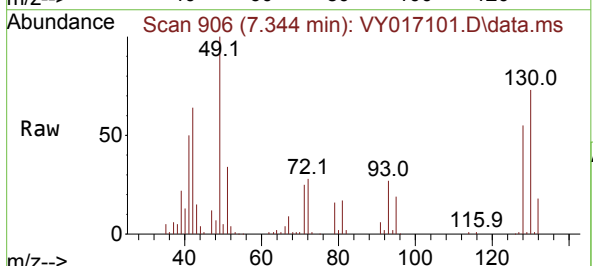
Tgt Ion: 49 Resp: 58002

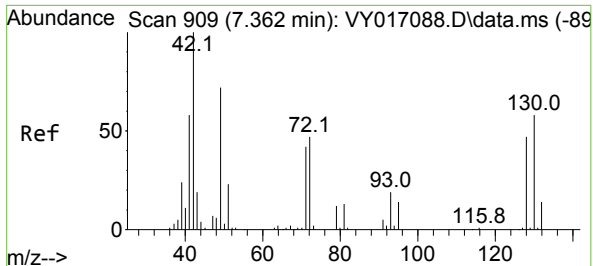
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 75.7 59.8 89.8





#29

Tetrahydrofuran

Concen: 243.646 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :

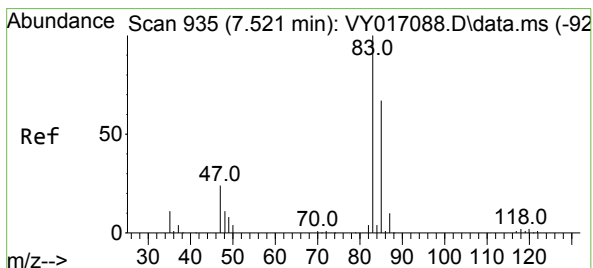
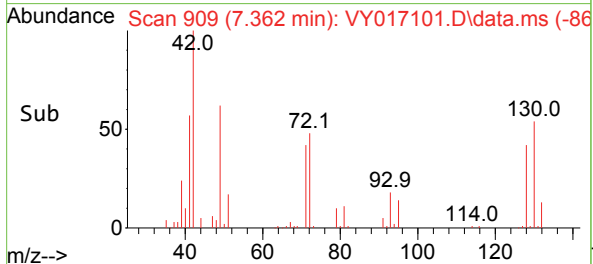
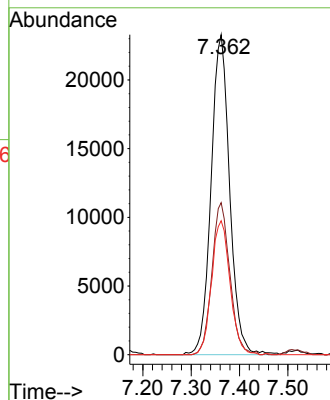
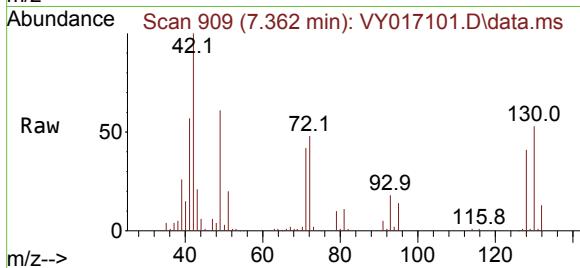
Tgt Ion: 42 Resp: 62175

Ion Ratio Lower Upper

42 100

72 45.8 36.6 54.8

71 41.6 33.8 50.6



#30

Chloroform

Concen: 45.521 ug/l

RT: 7.521 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY017101.D

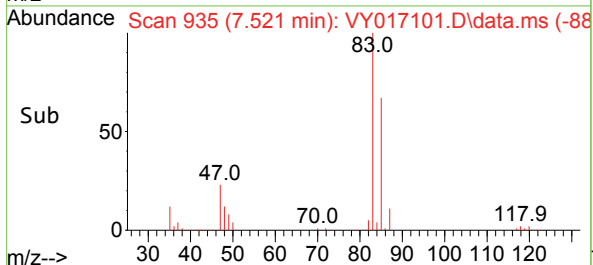
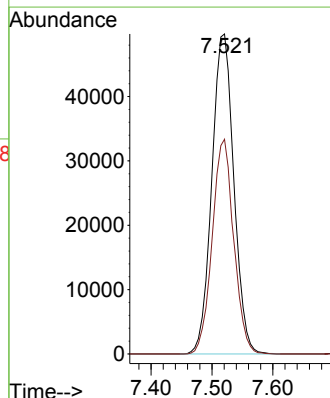
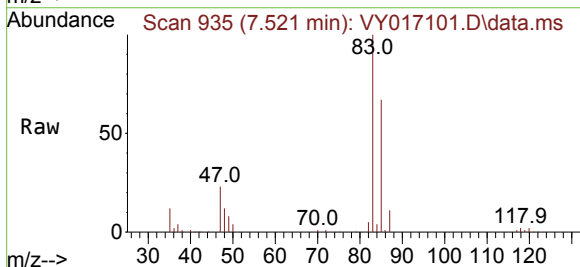
Acq: 25 Jan 2024 11:27

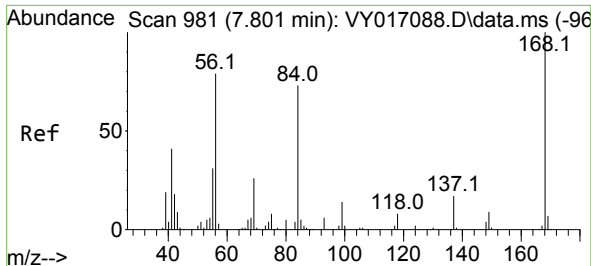
Tgt Ion: 83 Resp: 124749

Ion Ratio Lower Upper

83 100

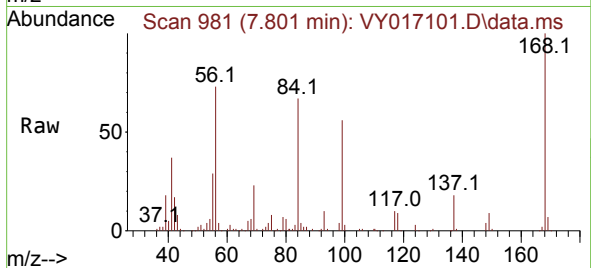
85 67.1 51.2 76.8



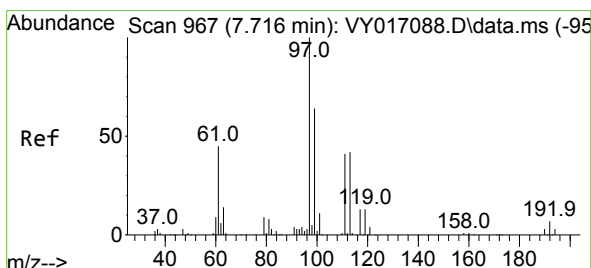
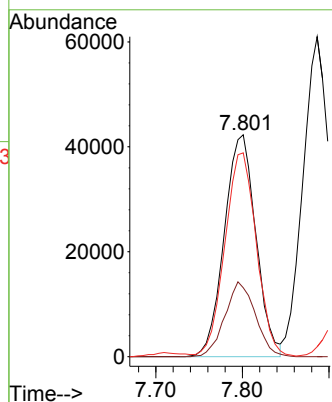
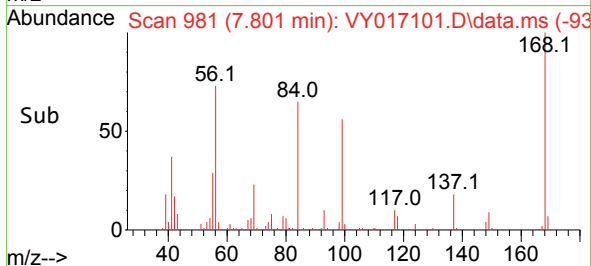


#31
Cyclohexane
Concen: 47.859 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

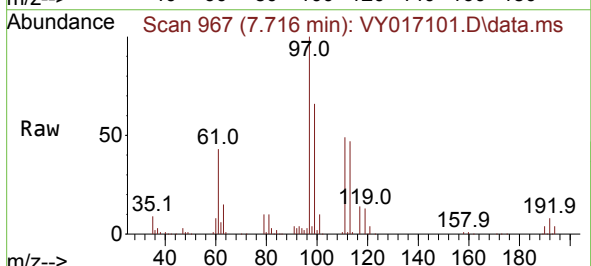
Instrument :
MSVOA_Y
ClientSampleId :



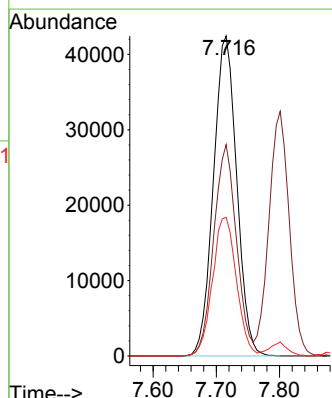
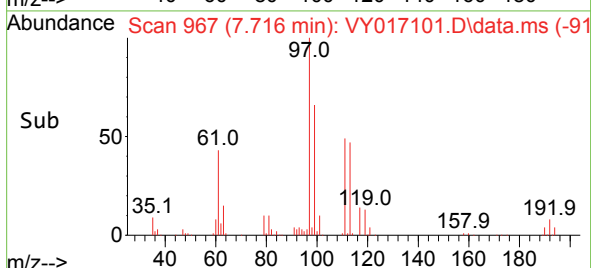
Tgt Ion: 56 Resp: 107154
Ion Ratio Lower Upper
56 100
69 31.1 27.0 40.6
84 90.6 71.8 107.6

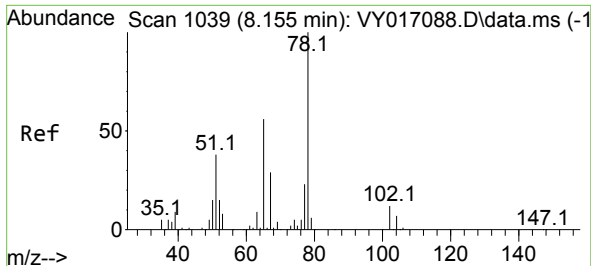


#32
1,1,1-Trichloroethane
Concen: 46.155 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27



Tgt Ion: 97 Resp: 108462
Ion Ratio Lower Upper
97 100
99 64.6 51.2 76.8
61 44.5 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 52.512 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

Instrument :

MSVOA_Y

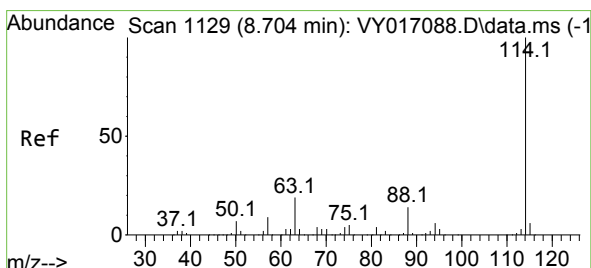
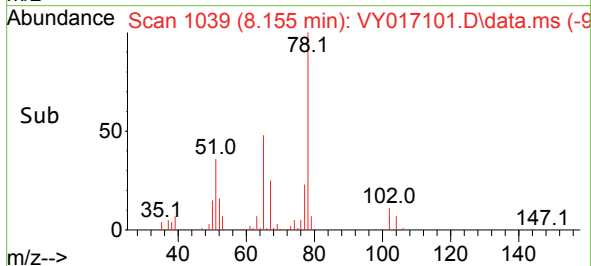
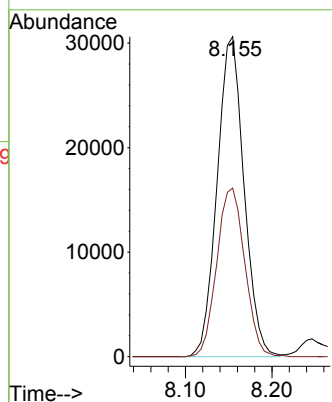
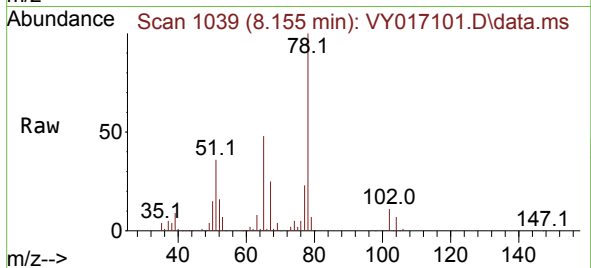
ClientSampleId :

Tgt Ion: 65 Resp: 66085

Ion Ratio Lower Upper

65 100

67 54.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

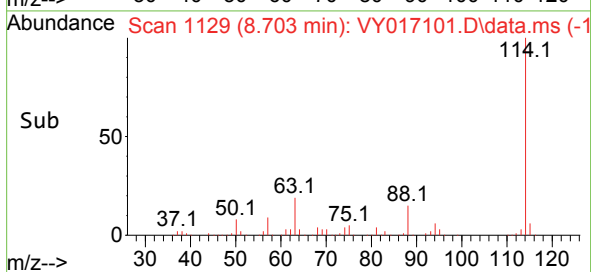
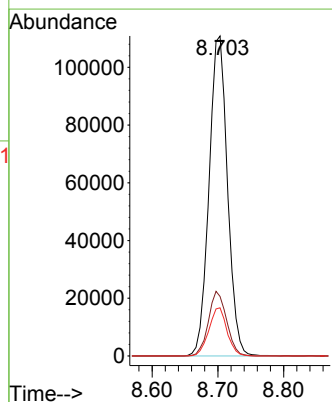
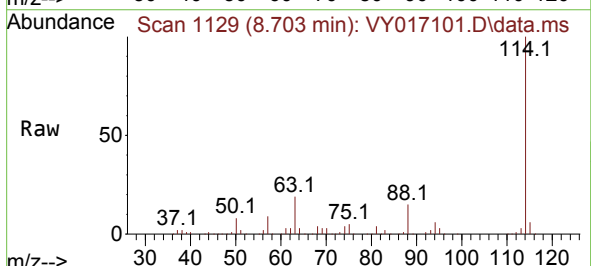
Tgt Ion:114 Resp: 216193

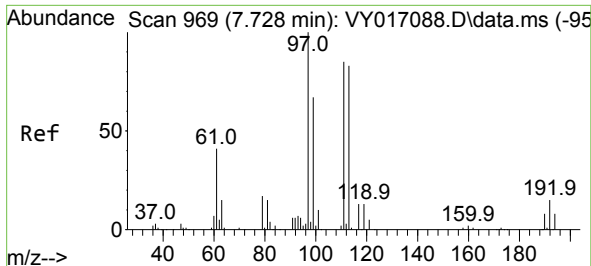
Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.4

88 15.1 0.0 29.0

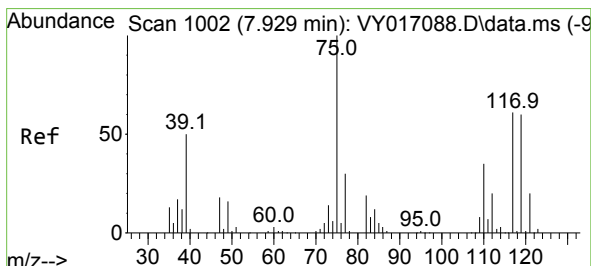
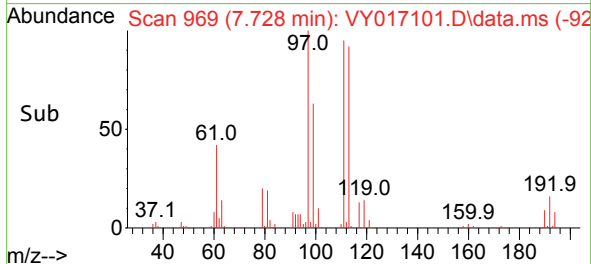
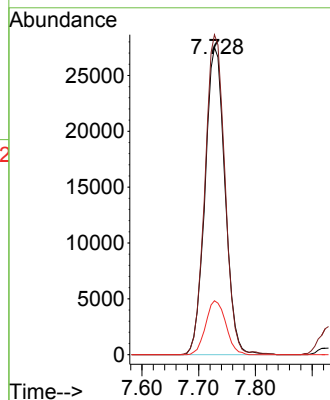
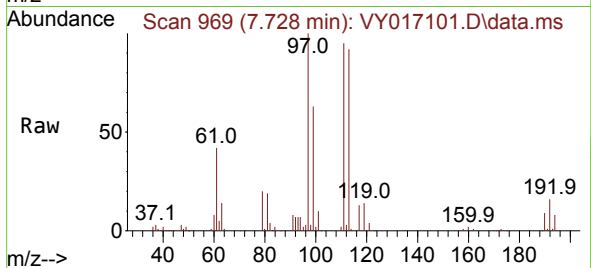




#35
Dibromofluoromethane
Concen: 51.552 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

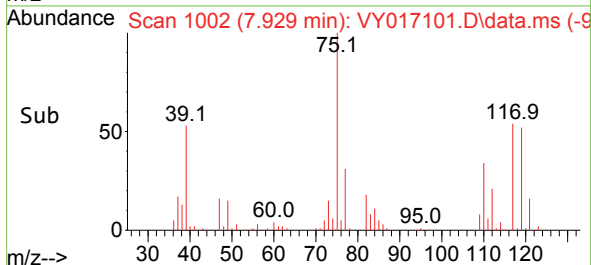
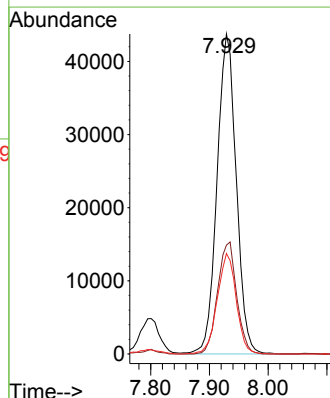
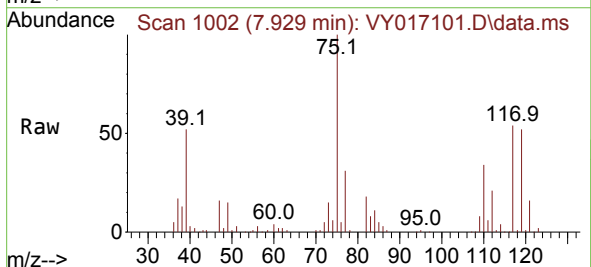
Instrument :
MSVOA_Y
ClientSampleId :

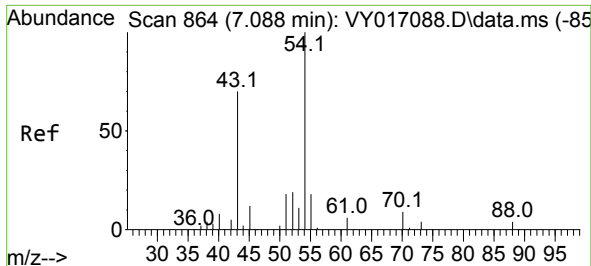
Tgt Ion:113 Resp: 67266
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.6
192 17.7 14.5 21.7



#36
1,1-Dichloropropene
Concen: 46.324 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

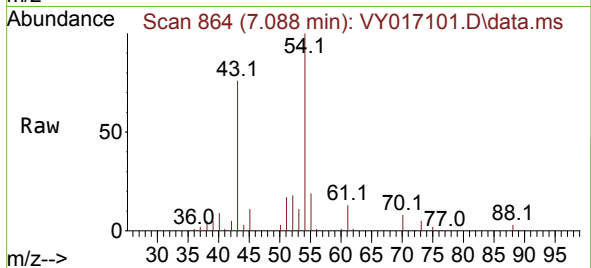
Tgt Ion: 75 Resp: 99450
Ion Ratio Lower Upper
75 100
110 34.7 17.4 52.3
77 31.0 24.7 37.1



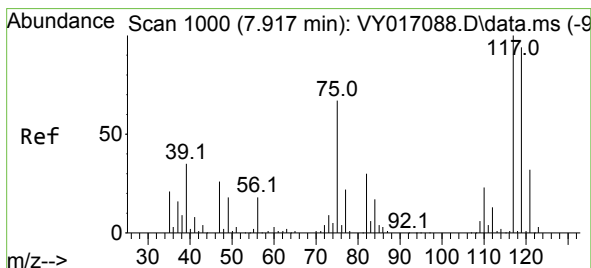
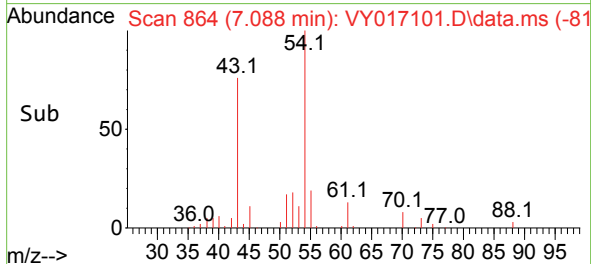
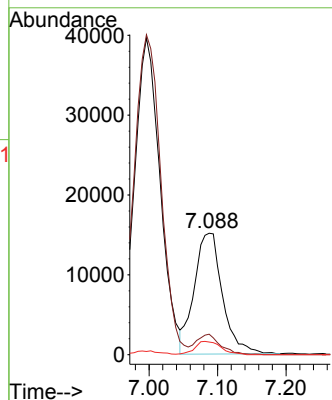


#37
Ethyl Acetate
Concen: 47.075 ug/l
RT: 7.088 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

Instrument :
MSVOA_Y
ClientSampleId :

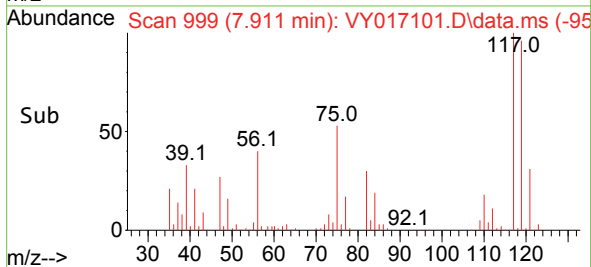
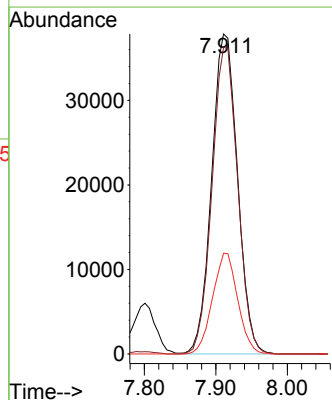
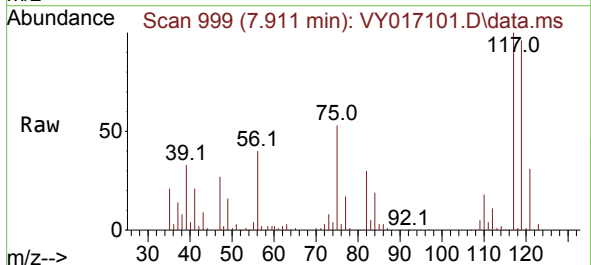


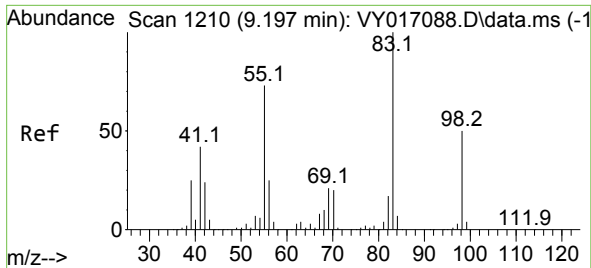
Tgt Ion: 43 Resp: 43456
Ion Ratio Lower Upper
43 100
61 14.5 11.0 16.6
70 10.2 8.1 12.1



#38
Carbon Tetrachloride
Concen: 45.243 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

Tgt Ion:117 Resp: 95183
Ion Ratio Lower Upper
117 100
119 95.8 76.0 114.0
121 31.4 24.2 36.2

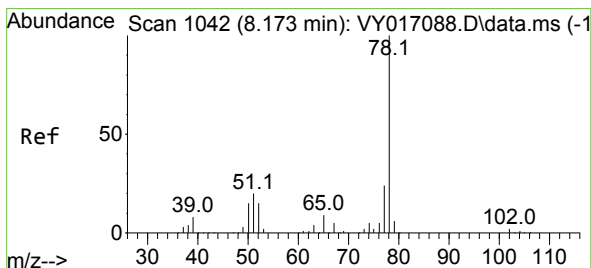
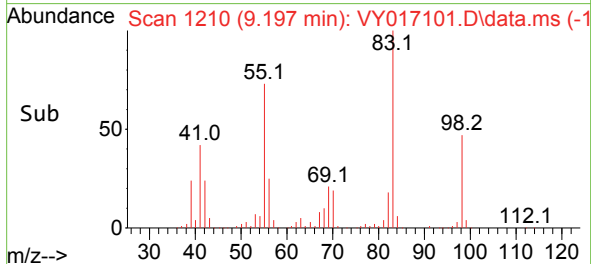
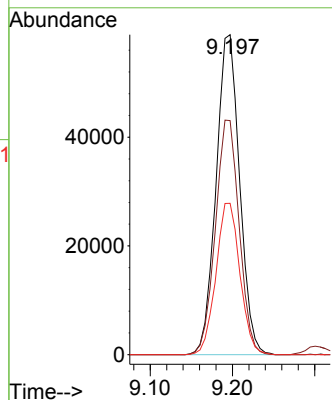
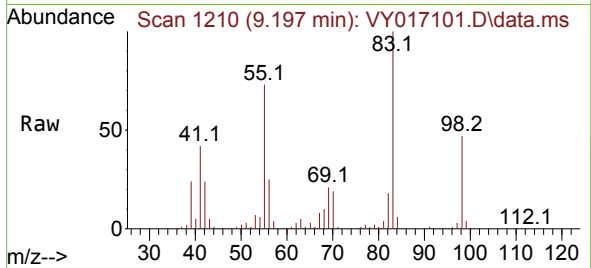




#39
Methylcyclohexane
Concen: 45.388 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

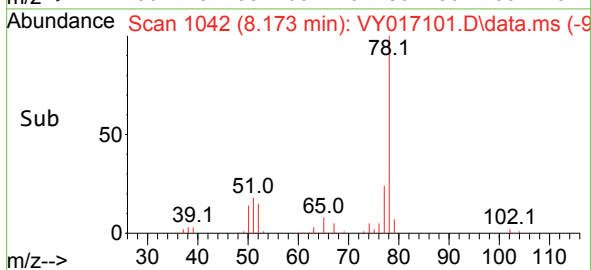
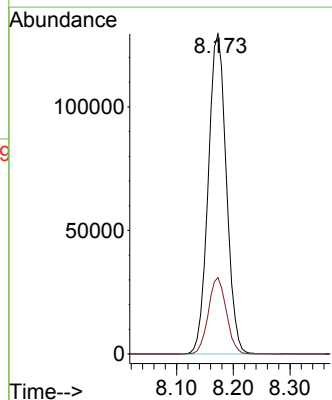
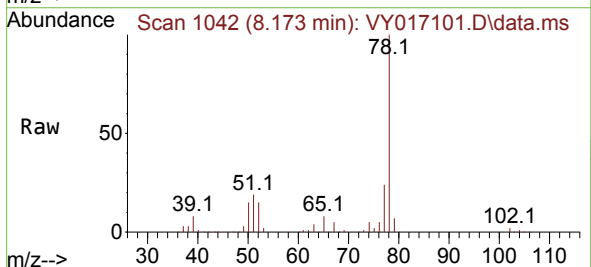
Instrument :
MSVOA_Y
ClientSampleId :

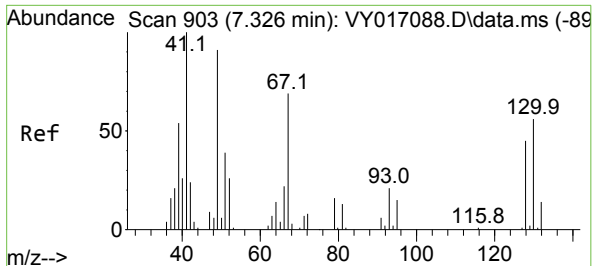
Tgt Ion: 83 Resp: 117198
Ion Ratio Lower Upper
83 100
55 73.2 59.7 89.5
98 47.3 38.0 57.0



#40
Benzene
Concen: 46.039 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

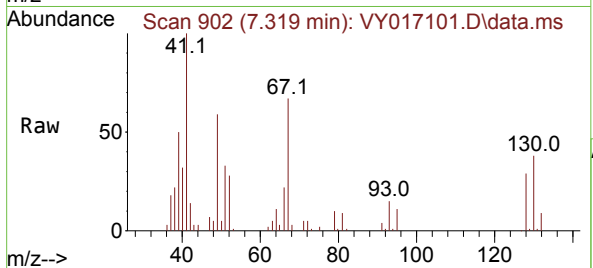
Tgt Ion: 78 Resp: 287040
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2





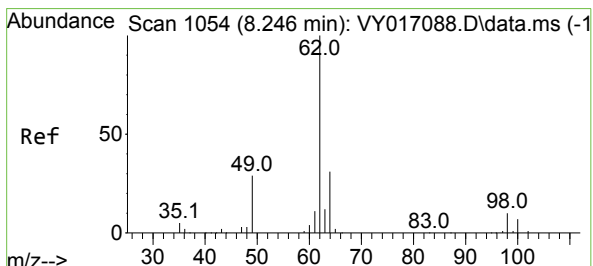
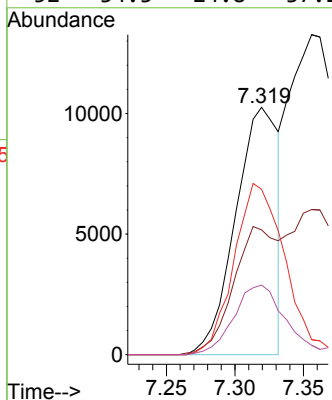
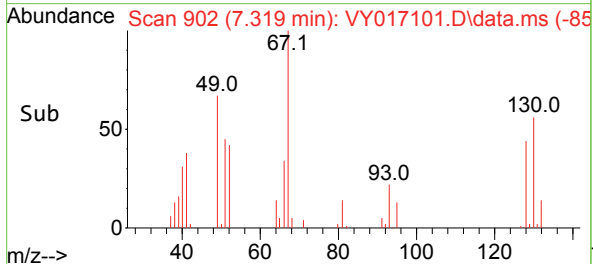
#41
Methacrylonitrile
Concen: 45.053 ug/l
RT: 7.319 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 41 Resp: 22243

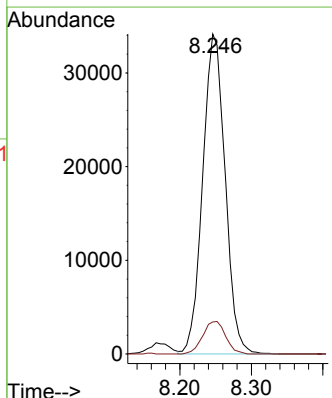
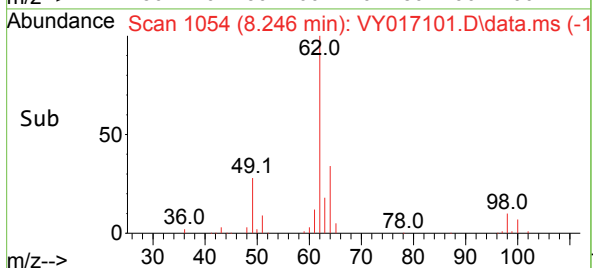
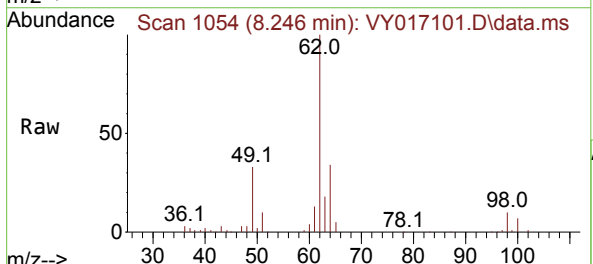
Ion	Ratio	Lower	Upper
41	100		
39	53.1	41.9	62.9
67	83.0	59.8	89.6
52	34.3	24.8	37.2

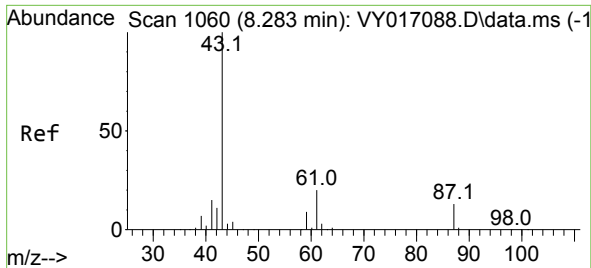


#42
1,2-Dichloroethane
Concen: 46.074 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

Tgt Ion: 62 Resp: 74473

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.2

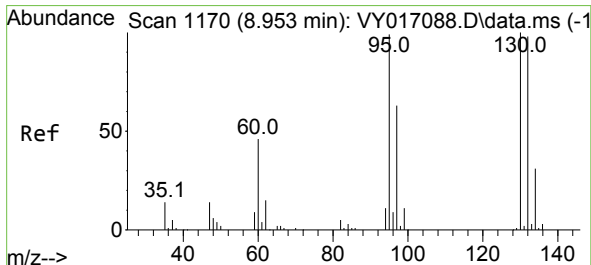
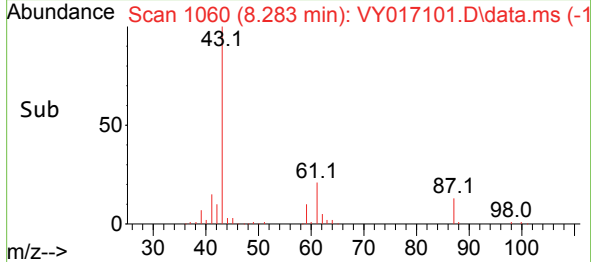
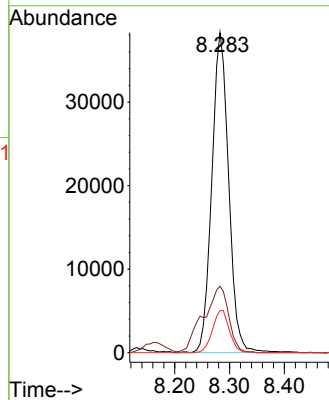
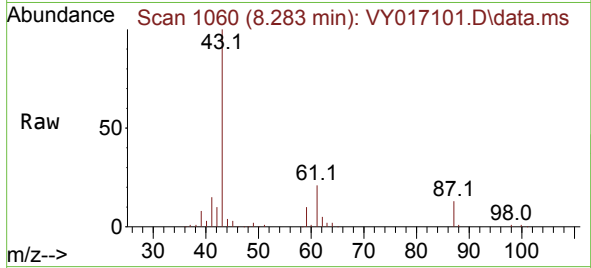




#43
Isopropyl Acetate
Concen: 47.315 ug/l
RT: 8.283 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

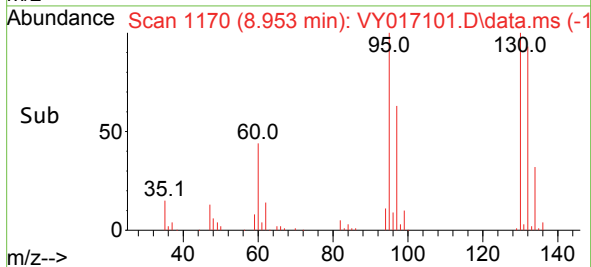
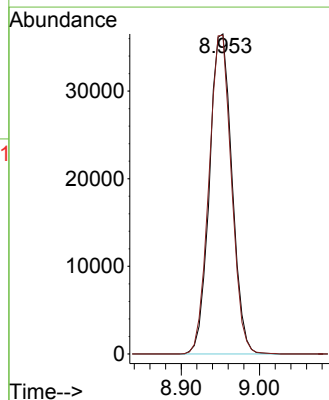
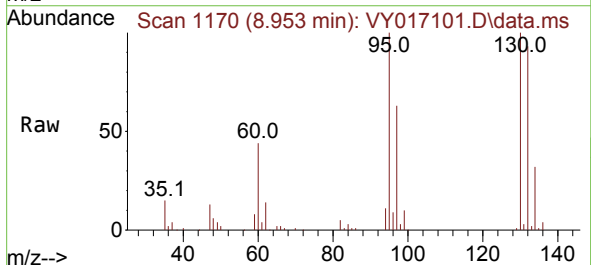
Instrument :
MSVOA_Y
ClientSampleId :

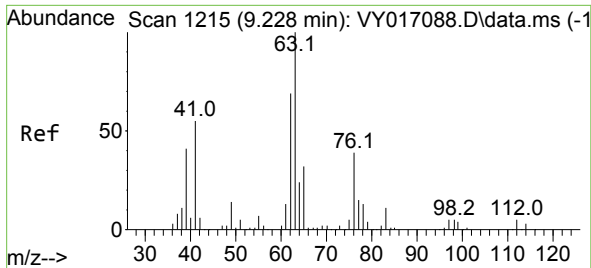
Tgt Ion: 43 Resp: 81538
Ion Ratio Lower Upper
43 100
61 31.3 24.8 37.2
87 13.2 10.7 16.1



#44
Trichloroethene
Concen: 45.578 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

Tgt Ion:130 Resp: 72883
Ion Ratio Lower Upper
130 100
95 99.6 0.0 203.8

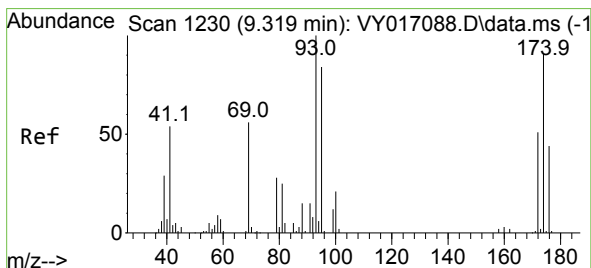
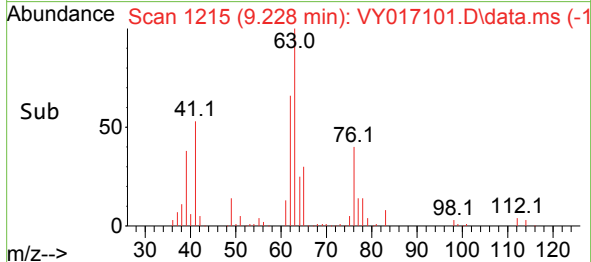
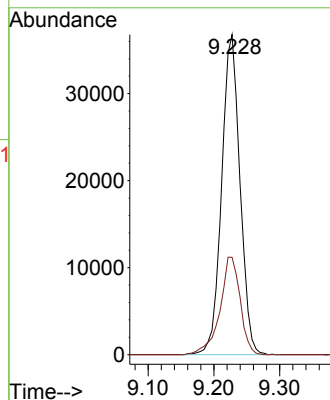
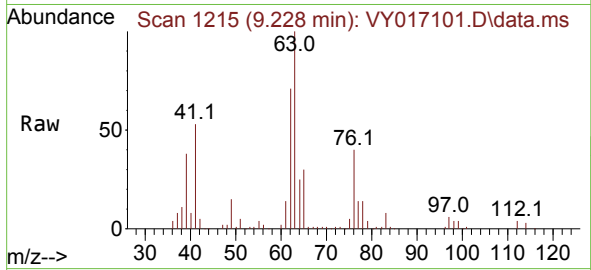




#45
1,2-Dichloropropane
Concen: 46.596 ug/l
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

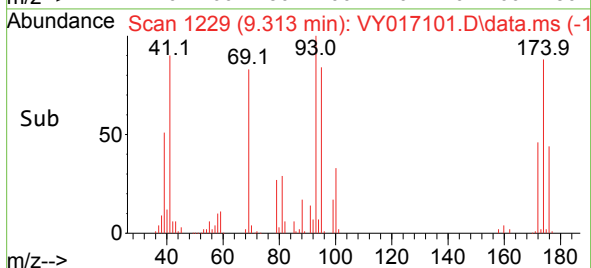
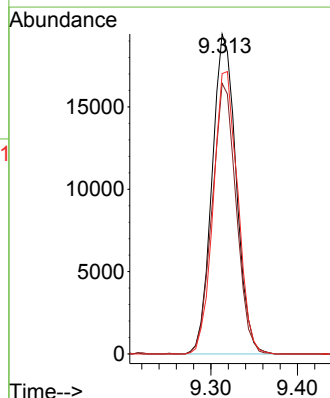
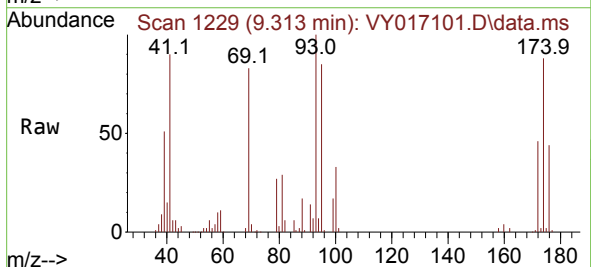
Instrument :
MSVOA_Y
ClientSampleId :

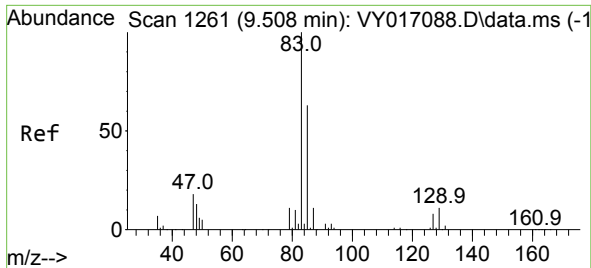
Tgt Ion: 63 Resp: 71305
Ion Ratio Lower Upper
63 100
65 30.5 24.6 36.8



#46
Dibromomethane
Concen: 46.244 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

Tgt Ion: 93 Resp: 37582
Ion Ratio Lower Upper
93 100
95 84.2 66.6 99.8
174 89.2 73.8 110.6

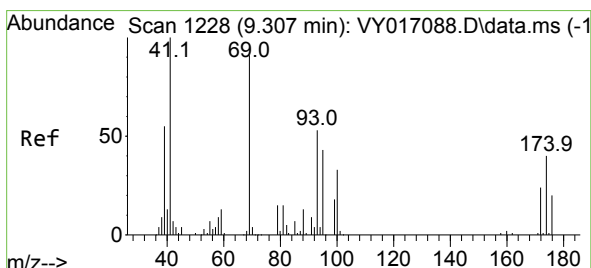
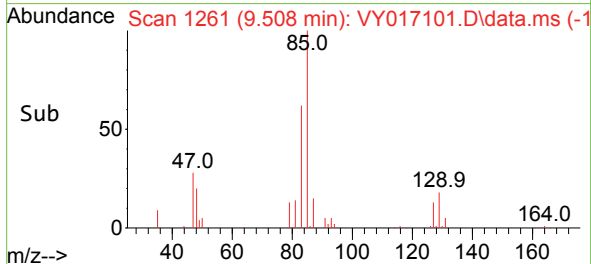
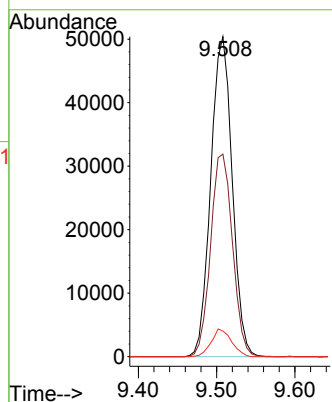
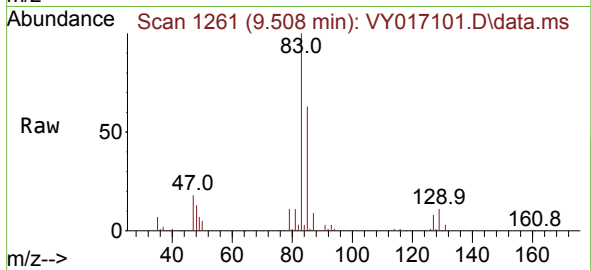




#47
Bromodichloromethane
Concen: 46.328 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

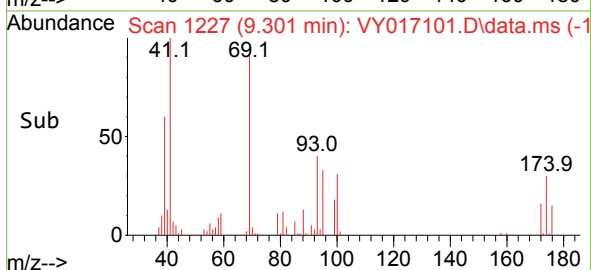
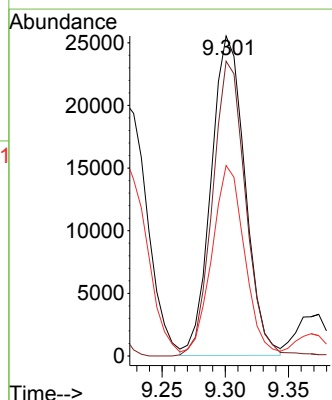
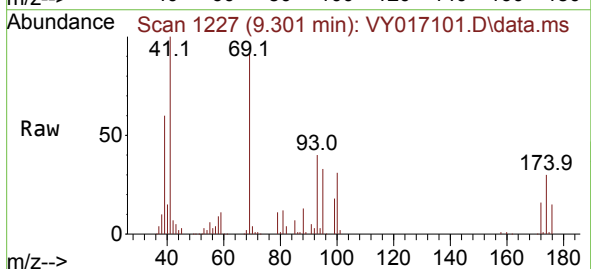
Instrument :
MSVOA_Y
ClientSampleId :

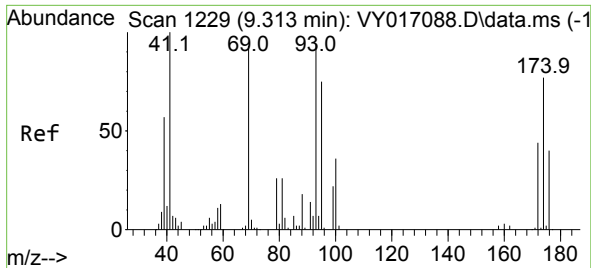
Tgt Ion: 83 Resp: 95785
Ion Ratio Lower Upper
83 100
85 63.3 53.2 79.8
127 8.0 6.4 9.6



#48
Methyl methacrylate
Concen: 49.575 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

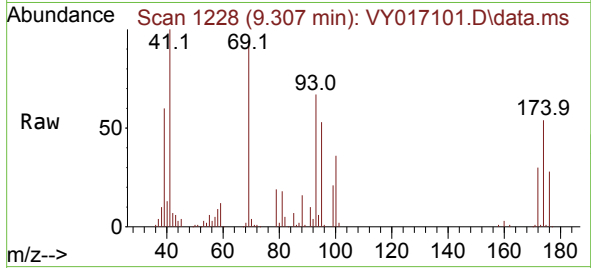
Tgt Ion: 41 Resp: 47435
Ion Ratio Lower Upper
41 100
69 90.3 72.1 108.1
39 55.2 42.8 64.2



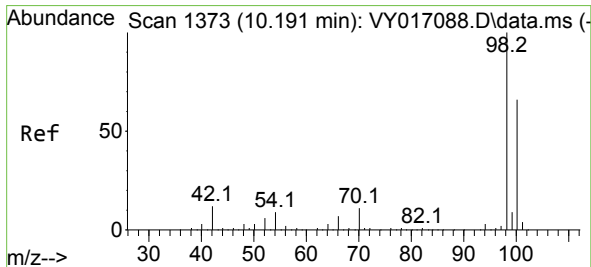
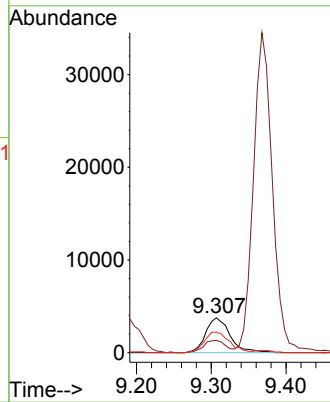
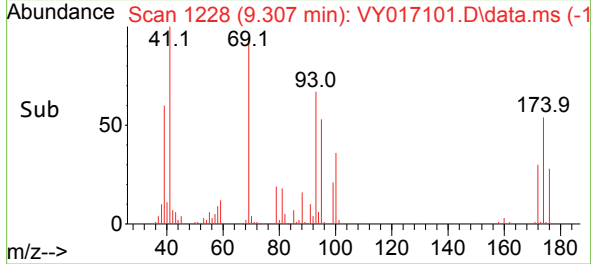


#49
1,4-Dioxane
Concen: 1068.182 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

Instrument :
MSVOA_Y
ClientSampleId :

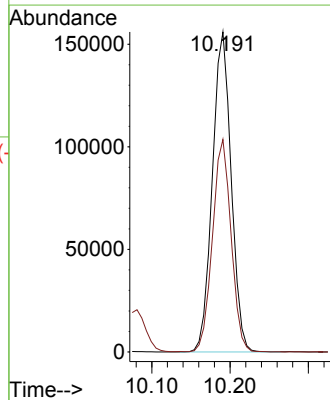
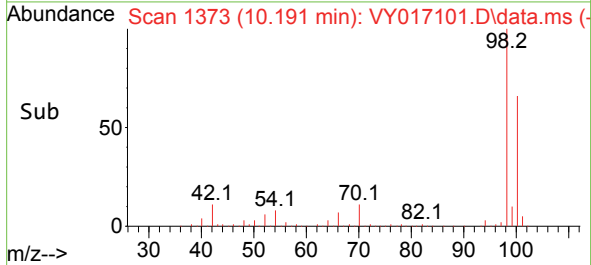
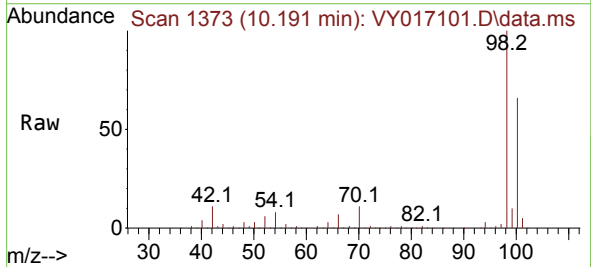


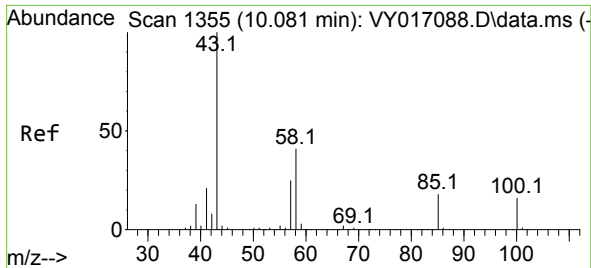
Tgt Ion: 88 Resp: 8538
Ion Ratio Lower Upper
88 100
43 32.8 28.2 42.4
58 61.3 52.2 78.2



#50
Toluene-d8
Concen: 52.709 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

Tgt Ion: 98 Resp: 259767
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5

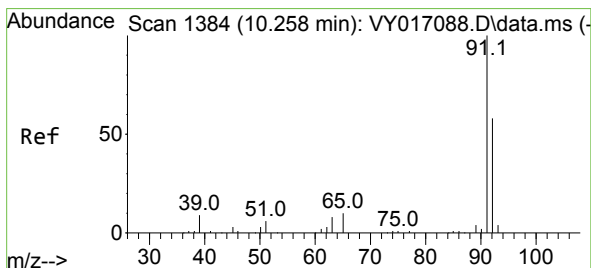
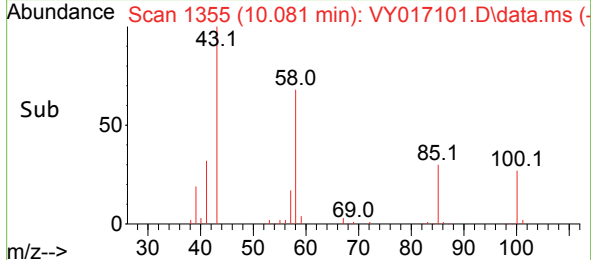
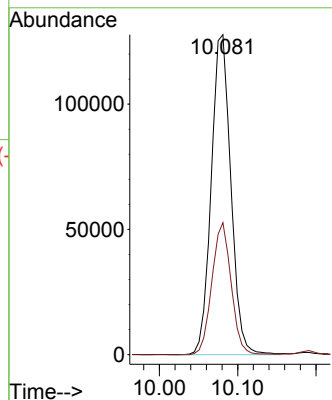
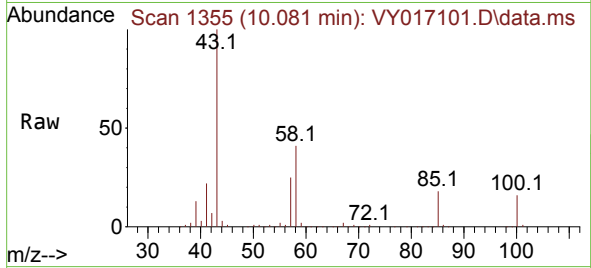




#51
4-Methyl-2-Pentanone
Concen: 242.527 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

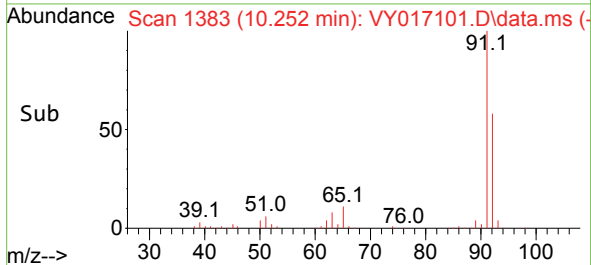
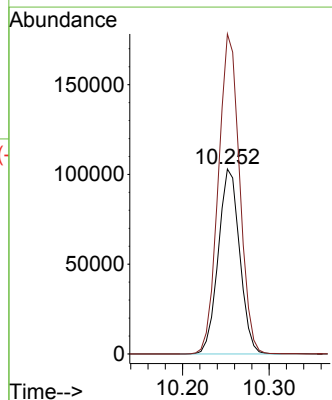
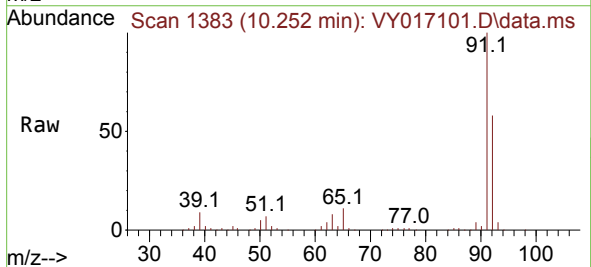
Instrument :
MSVOA_Y
ClientSampleId :

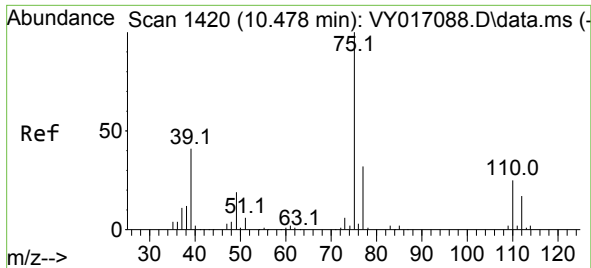
Tgt Ion: 43 Resp: 222327
Ion Ratio Lower Upper
43 100
58 40.4 32.2 48.2



#52
Toluene
Concen: 46.838 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

Tgt Ion: 92 Resp: 176752
Ion Ratio Lower Upper
92 100
91 172.0 137.6 206.4

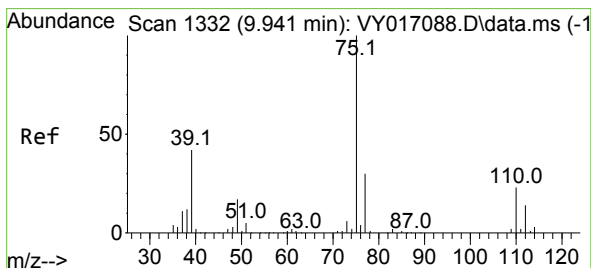
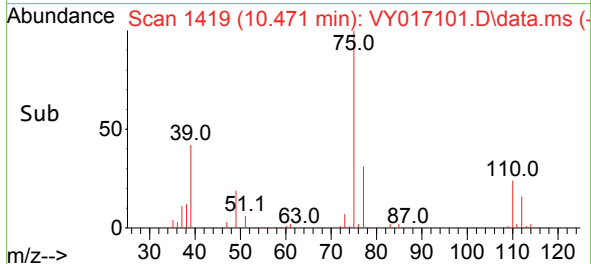
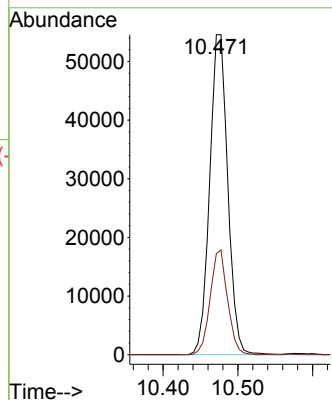
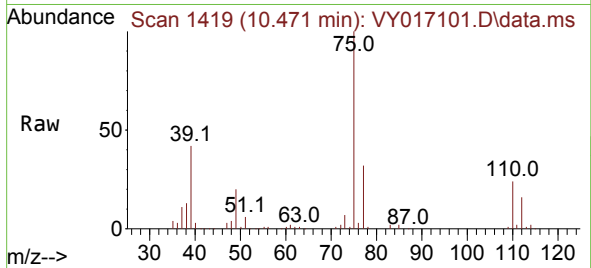




#53
t-1,3-Dichloropropene
Concen: 48.652 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

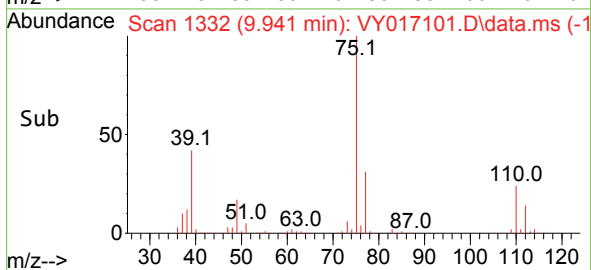
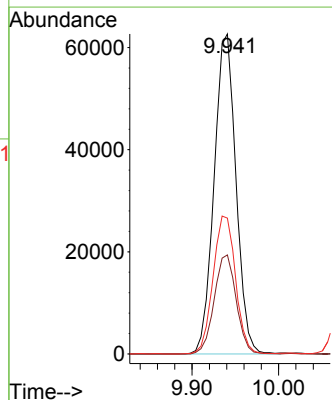
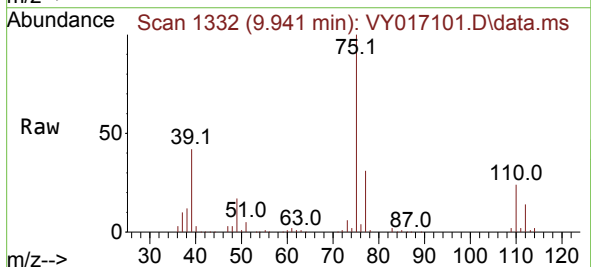
Instrument :
MSVOA_Y
ClientSampleId :

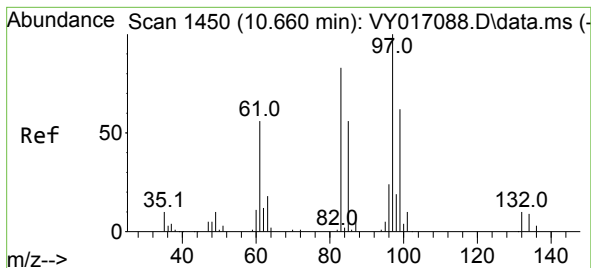
Tgt Ion: 75 Resp: 91891
Ion Ratio Lower Upper
75 100
77 31.6 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 47.328 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

Tgt Ion: 75 Resp: 109942
Ion Ratio Lower Upper
75 100
77 31.0 24.6 36.8
39 42.4 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 45.587 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 51780

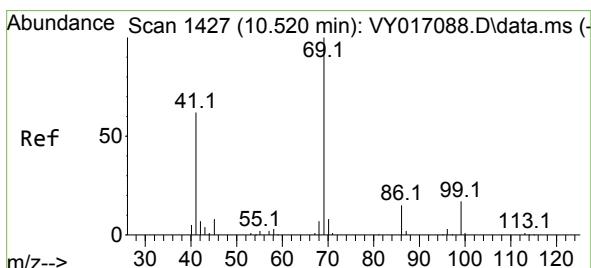
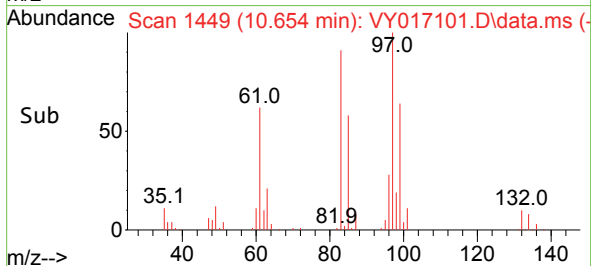
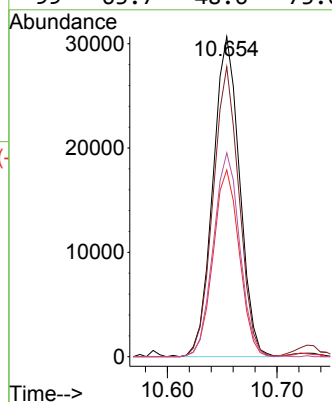
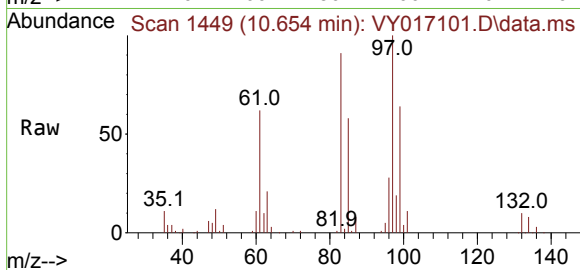
Ion Ratio Lower Upper

97 100

83 90.6 69.4 104.2

85 58.3 43.9 65.9

99 63.7 48.6 73.0



#56

Ethyl methacrylate

Concen: 49.546 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

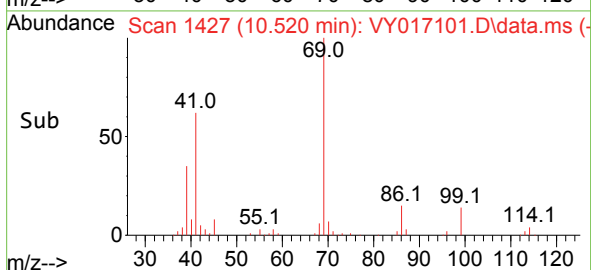
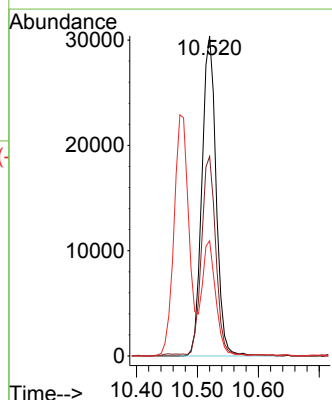
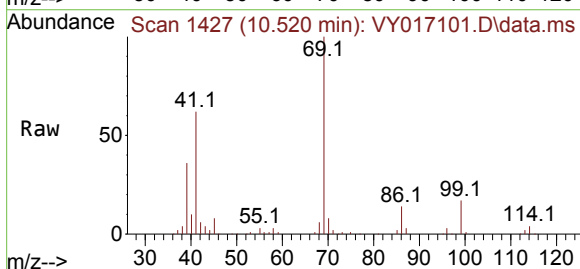
Tgt Ion: 69 Resp: 49213

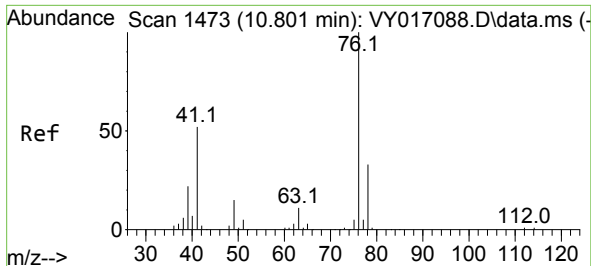
Ion Ratio Lower Upper

69 100

41 62.3 49.2 73.8

39 32.5 26.8 40.2

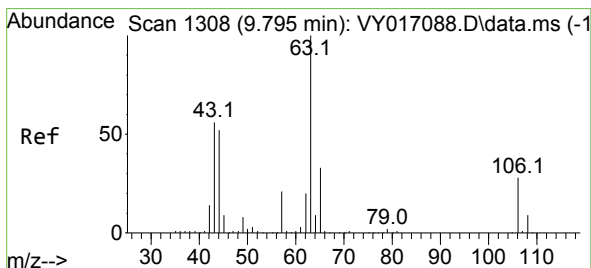
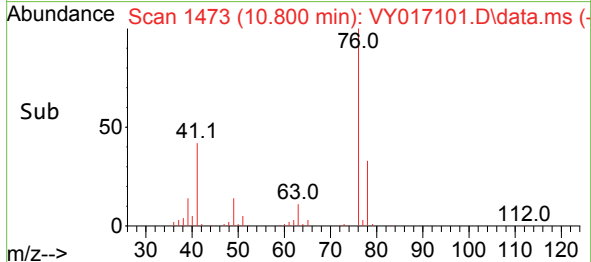
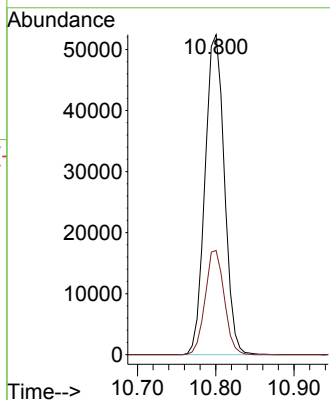
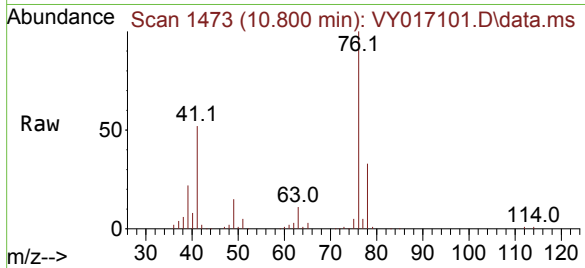




#57
1,3-Dichloropropane
Concen: 46.777 ug/l
RT: 10.800 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

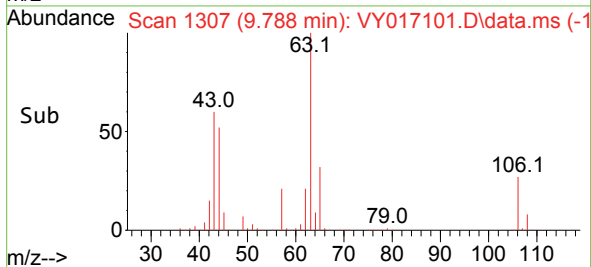
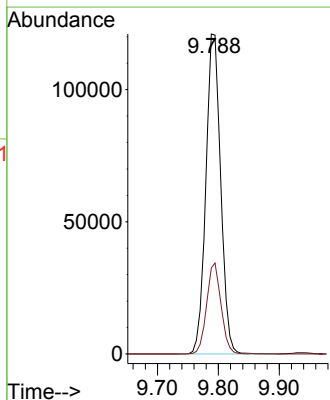
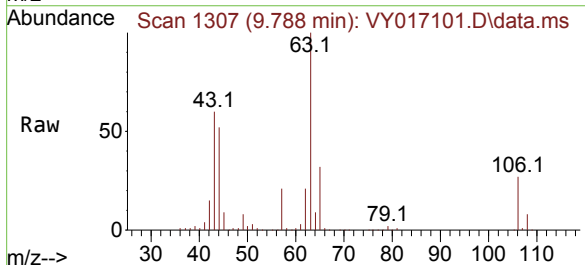
Instrument :
MSVOA_Y
ClientSampleId :

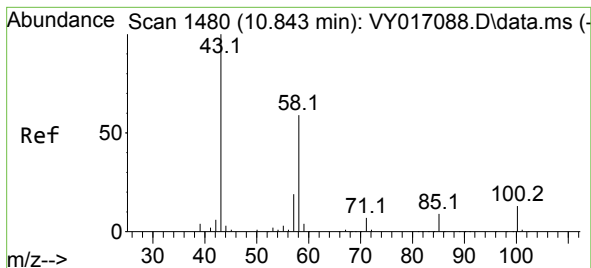
Tgt Ion: 76 Resp: 89830
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 297.386 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

Tgt Ion: 63 Resp: 205044
Ion Ratio Lower Upper
63 100
106 27.6 22.4 33.6





#59

2-Hexanone

Concen: 223.955 ug/l

RT: 10.843 min Scan# 1480

Delta R.T. 0.000 min

Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

Instrument :

MSVOA_Y

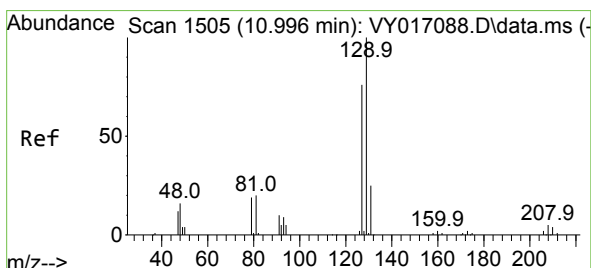
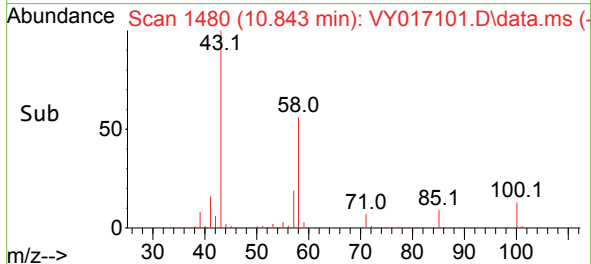
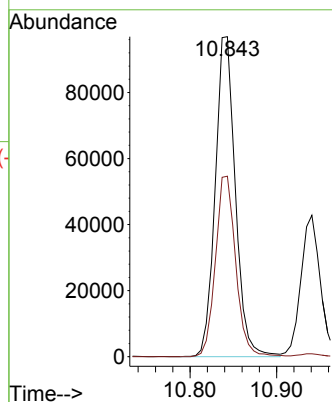
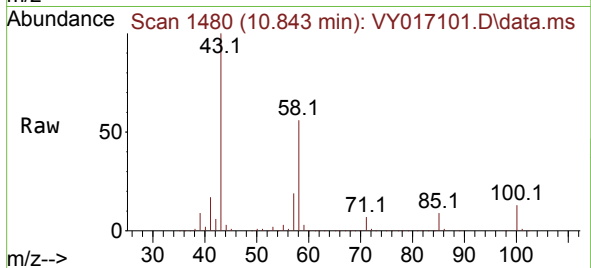
ClientSampleId :

Tgt Ion: 43 Resp: 156627

Ion Ratio Lower Upper

43 100

58 56.8 28.1 84.3



#60

Dibromochloromethane

Concen: 46.094 ug/l

RT: 10.996 min Scan# 1505

Delta R.T. -0.001 min

Lab File: VY017101.D

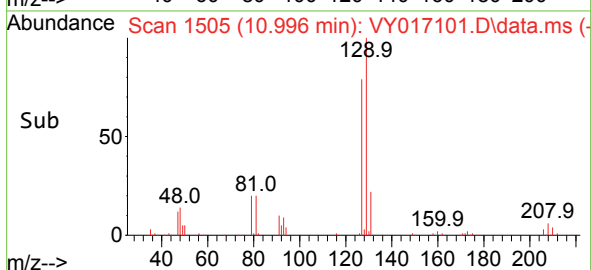
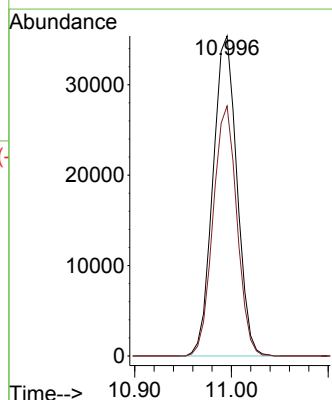
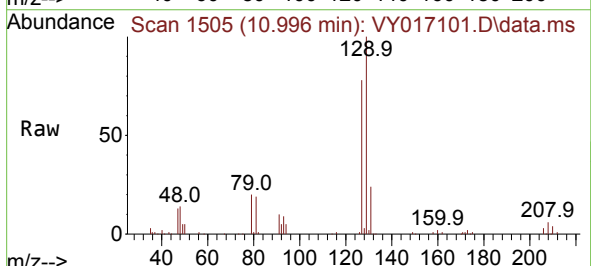
Acq: 25 Jan 2024 11:27

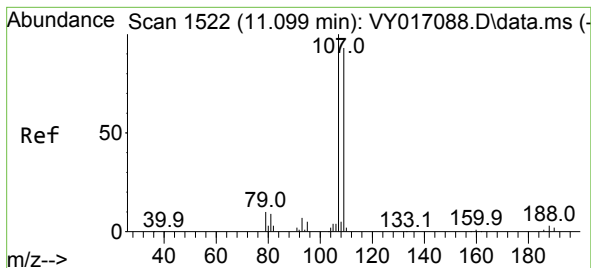
Tgt Ion: 129 Resp: 60827

Ion Ratio Lower Upper

129 100

127 77.7 39.2 117.6

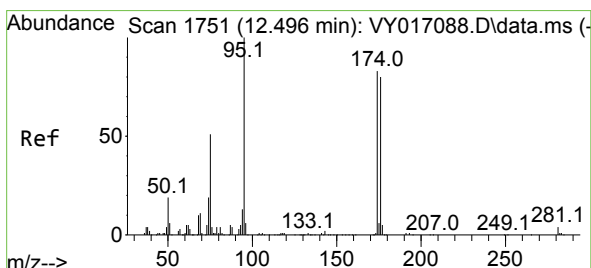
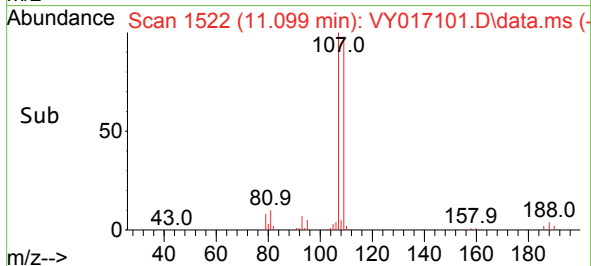
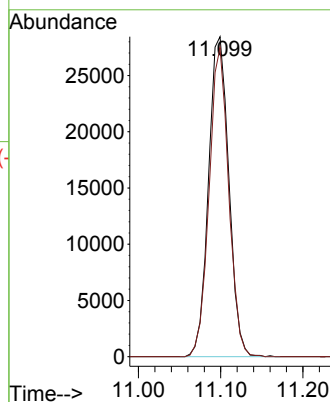
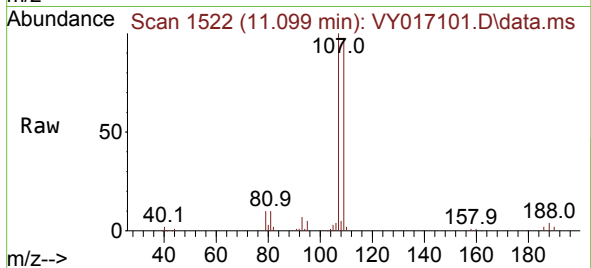




#61
1,2-Dibromoethane
Concen: 47.293 ug/l
RT: 11.099 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

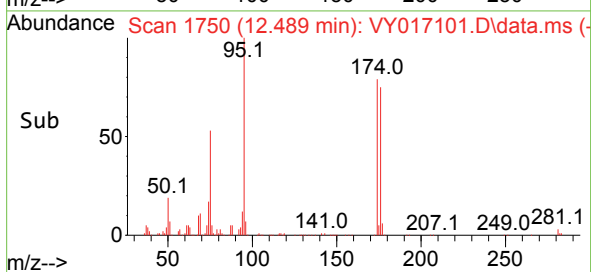
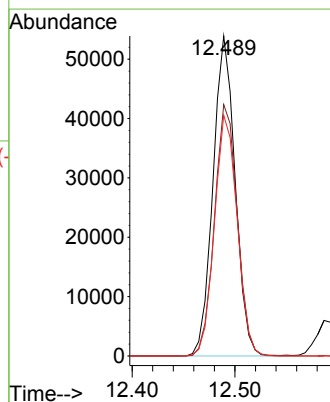
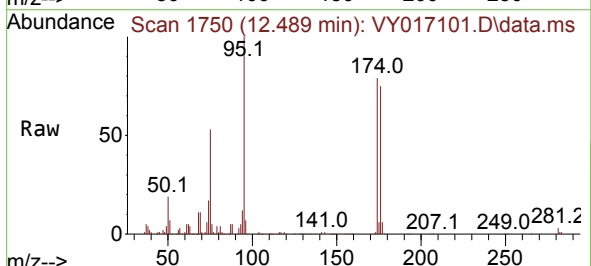
Instrument :
MSVOA_Y
ClientSampleId :

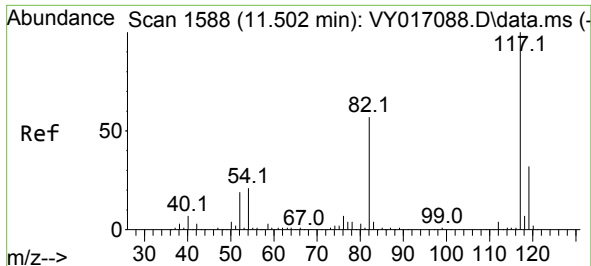
Tgt Ion:107 Resp: 48799
Ion Ratio Lower Upper
107 100
109 93.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 53.018 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

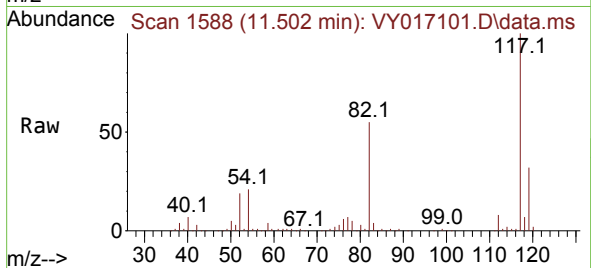
Tgt Ion: 95 Resp: 80492
Ion Ratio Lower Upper
95 100
174 80.8 0.0 160.0
176 77.2 0.0 151.8



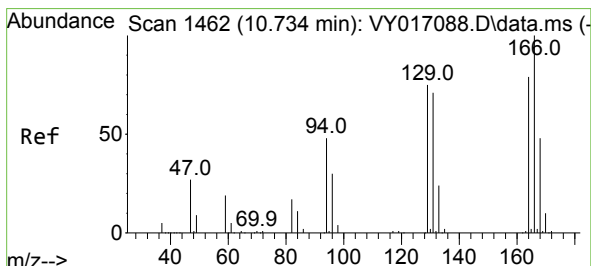
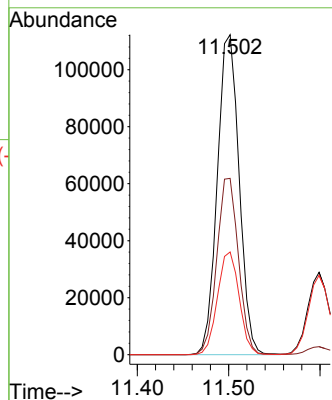
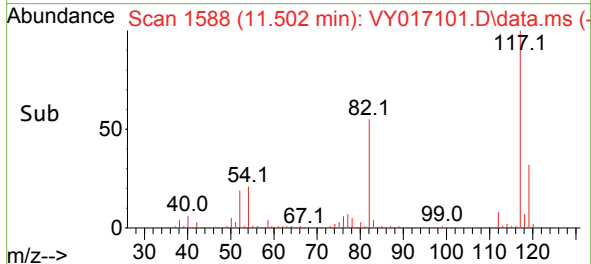


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

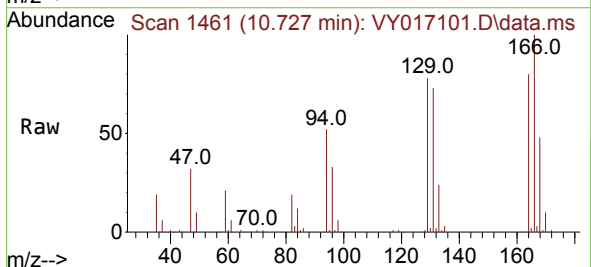
Instrument :
MSVOA_Y
ClientSampleId :



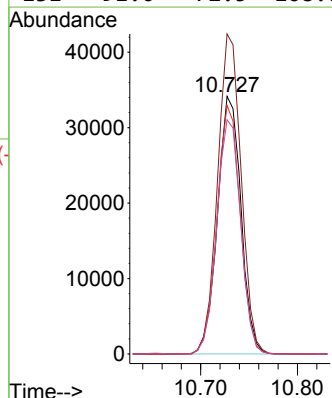
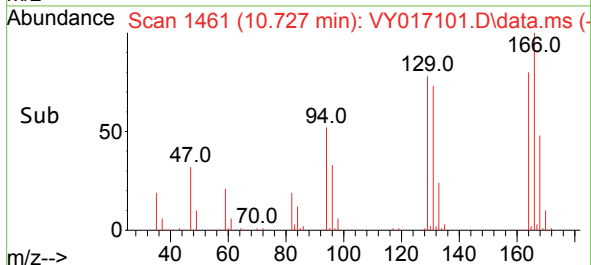
Tgt Ion:117 Resp: 186532
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.8
119 32.1 26.5 39.7

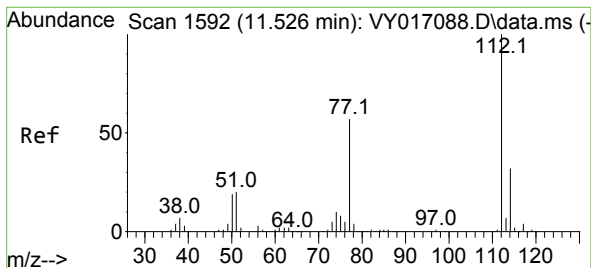


#64
Tetrachloroethene
Concen: 44.176 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27



Tgt Ion:164 Resp: 57437
Ion Ratio Lower Upper
164 100
166 124.3 98.8 148.2
129 96.5 78.9 118.3
131 91.0 72.5 108.7





#65

Chlorobenzene

Concen: 45.132 ug/l

RT: 11.526 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

Instrument :

MSVOA_Y

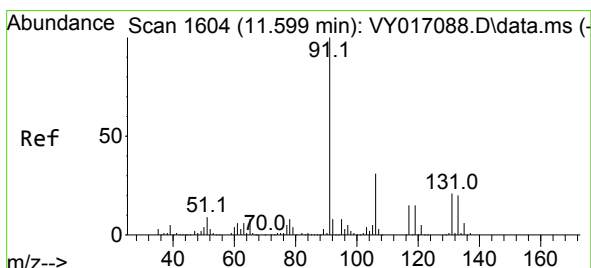
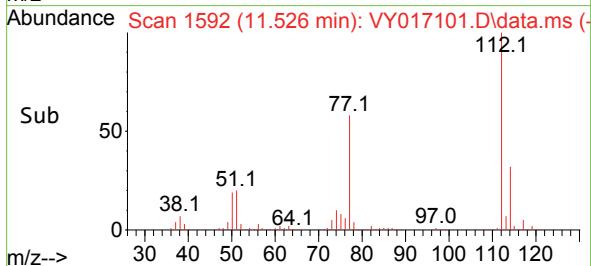
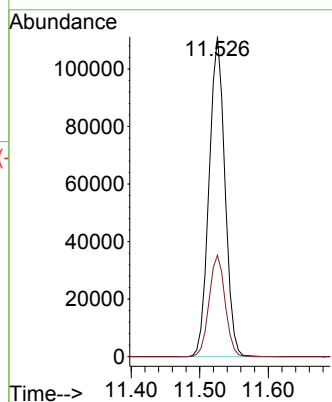
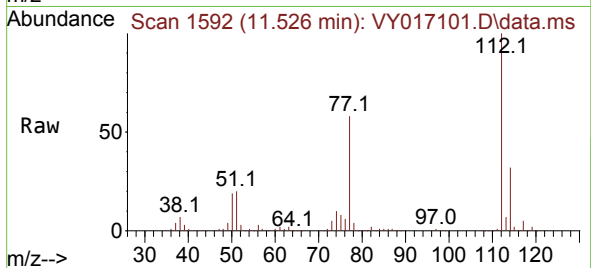
ClientSampleId :

Tgt Ion:112 Resp: 178400

Ion Ratio Lower Upper

112 100

114 31.7 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 45.696 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

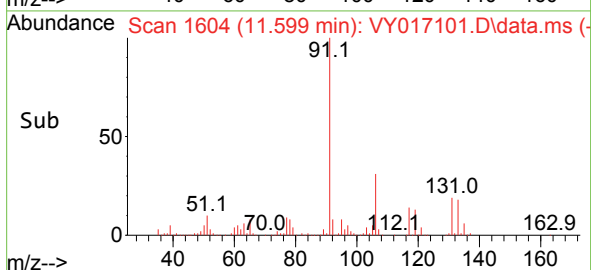
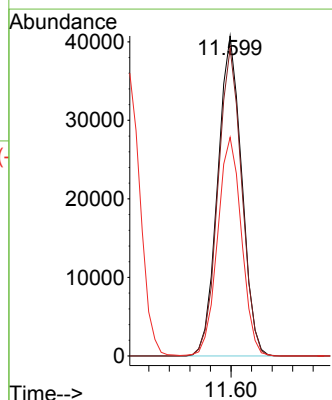
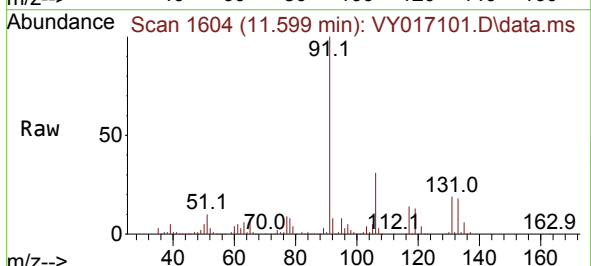
Tgt Ion:131 Resp: 65979

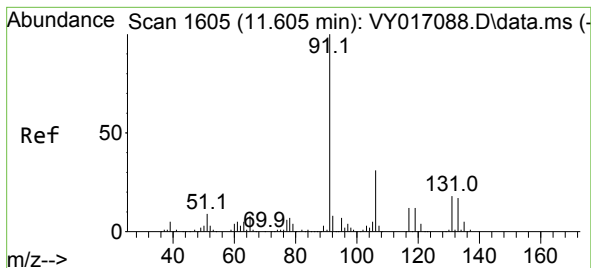
Ion Ratio Lower Upper

131 100

133 95.1 47.0 141.0

119 68.1 33.3 99.9





#67

Ethyl Benzene

Concen: 46.491 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

Instrument :

MSVOA_Y

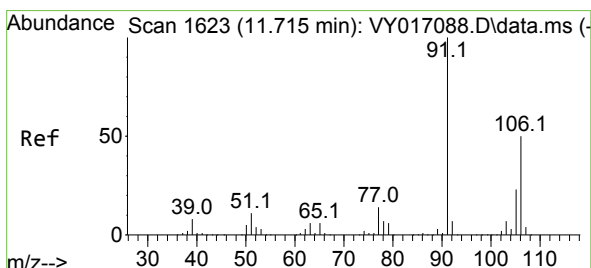
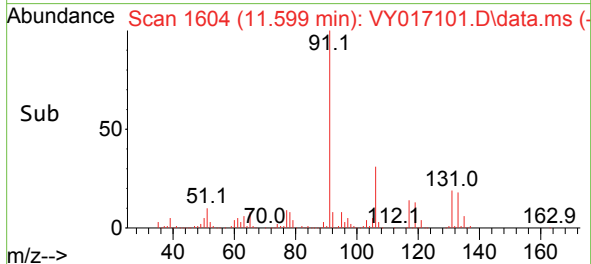
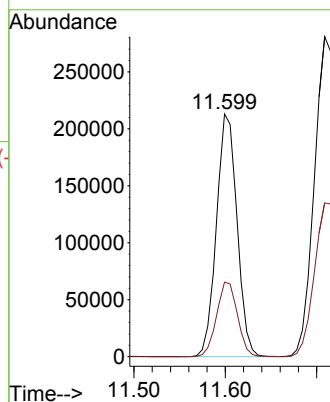
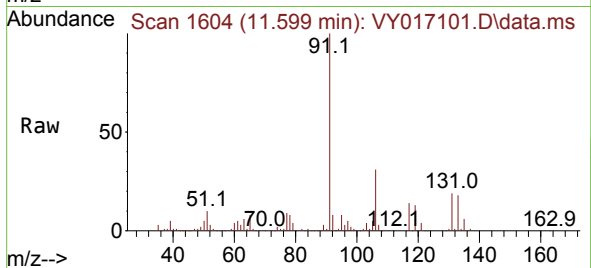
ClientSampleId :

Tgt Ion: 91 Resp: 334080

Ion Ratio Lower Upper

91 100

106 30.7 25.0 37.4



#68

m/p-Xylenes

Concen: 92.818 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY017101.D

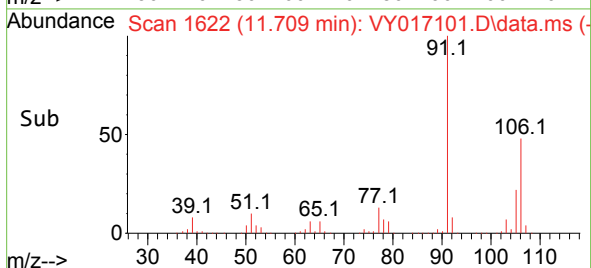
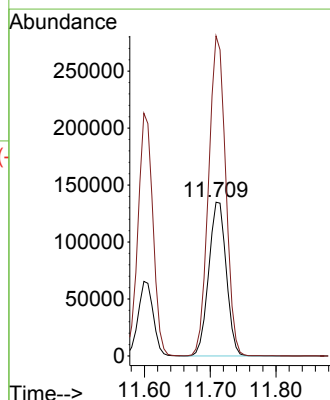
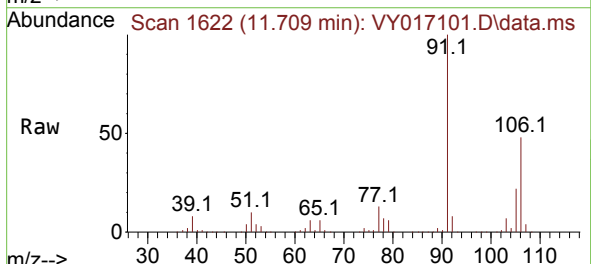
Acq: 25 Jan 2024 11:27

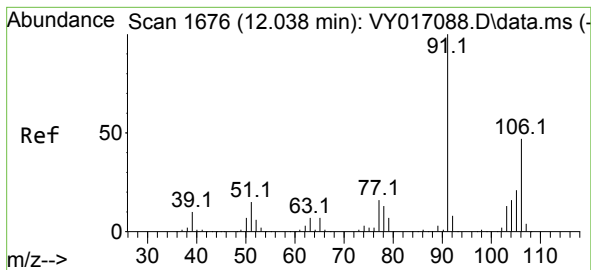
Tgt Ion:106 Resp: 250597

Ion Ratio Lower Upper

106 100

91 202.5 160.7 241.1





#69

o-Xylene

Concen: 47.648 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

Instrument :

MSVOA_Y

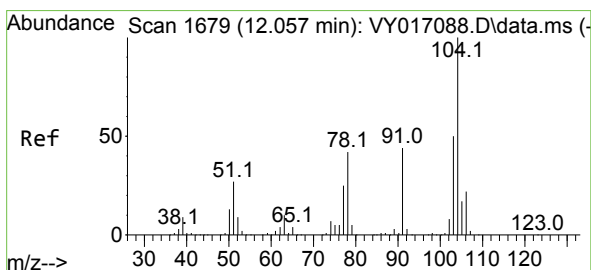
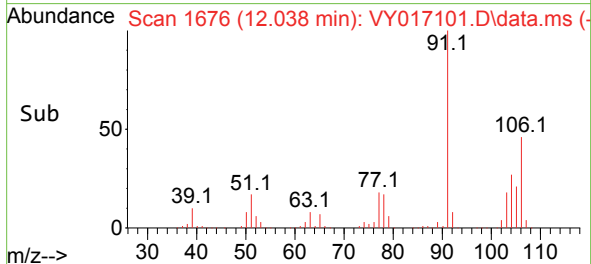
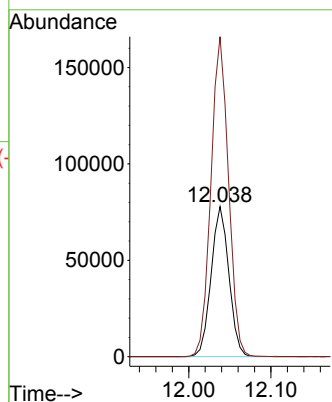
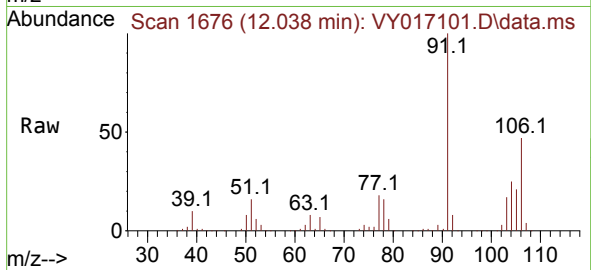
ClientSampleId :

Tgt Ion:106 Resp: 116856

Ion Ratio Lower Upper

106 100

91 211.3 106.5 319.5



#70

Styrene

Concen: 48.312 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

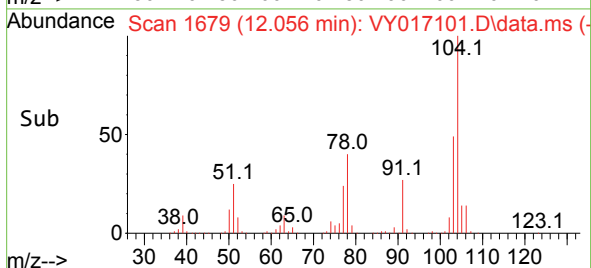
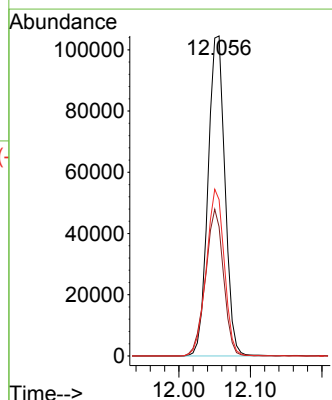
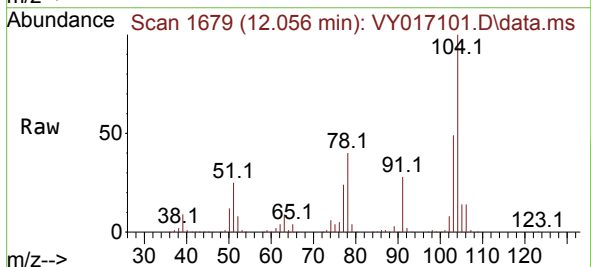
Tgt Ion:104 Resp: 172009

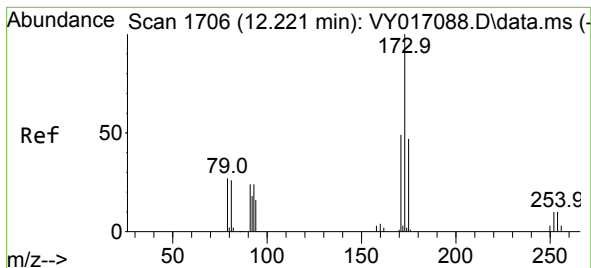
Ion Ratio Lower Upper

104 100

78 48.8 39.2 58.8

103 55.5 43.8 65.6





#71

Bromoform

Concen: 45.459 ug/l

RT: 12.215 min Scan# 11

Delta R.T. -0.000 min

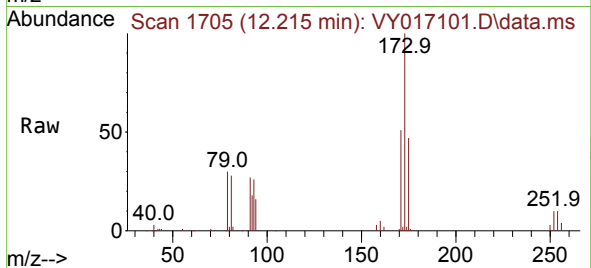
Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

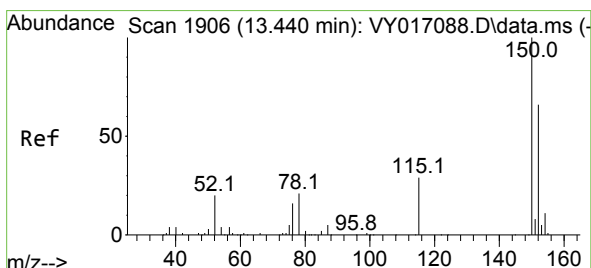
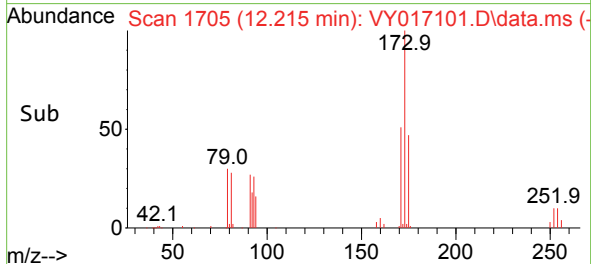
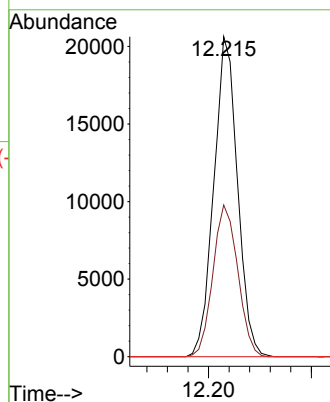
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	173	Resp:	32912
Ion Ratio	Lower	Upper	
173	100		
175	49.8	23.5	70.6
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

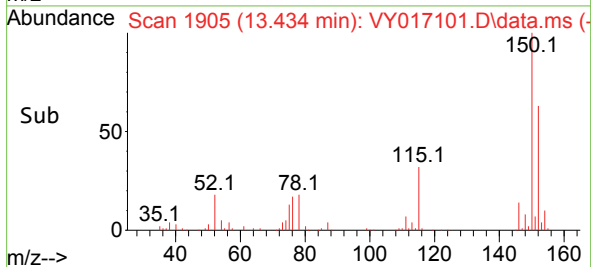
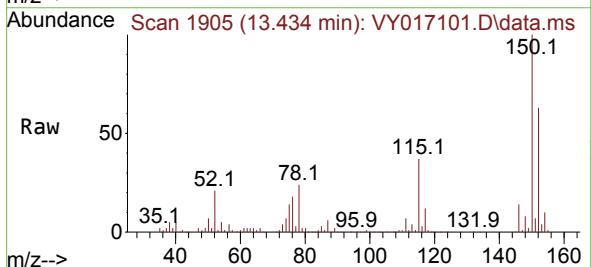
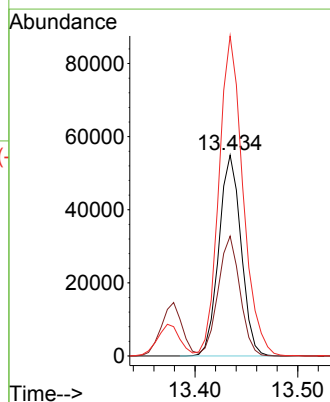
RT: 13.434 min Scan# 1905

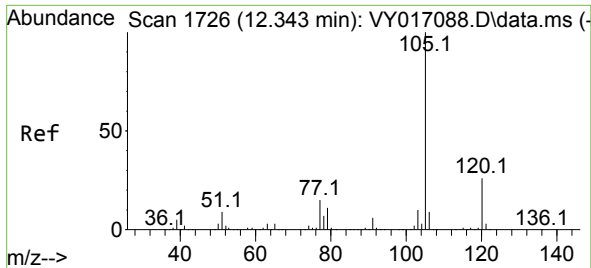
Delta R.T. 0.000 min

Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

Tgt Ion:	152	Resp:	82267
Ion Ratio	Lower	Upper	
152	100		
115	58.7	30.0	90.0
150	173.1	0.0	344.6

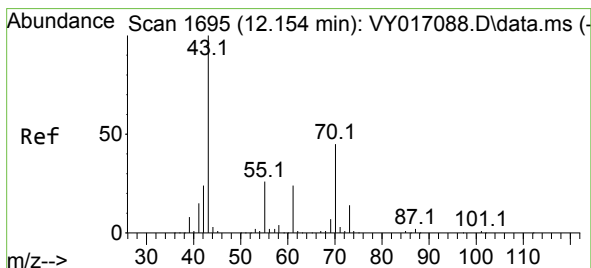
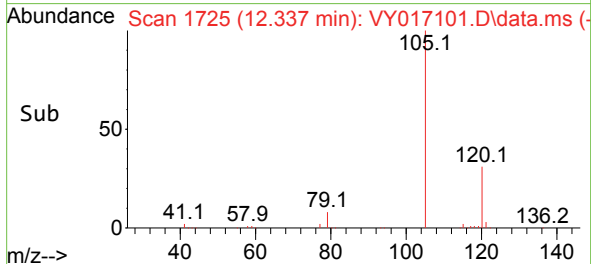
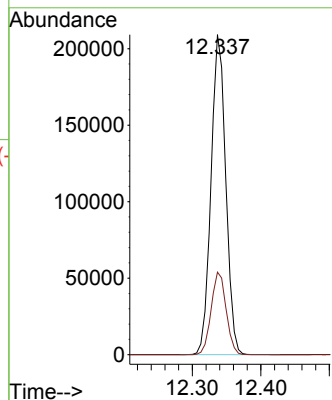
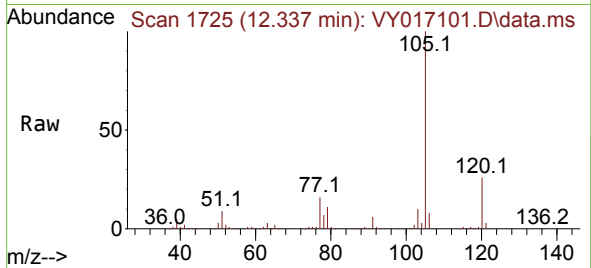




#73
Isopropylbenzene
Concen: 46.186 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

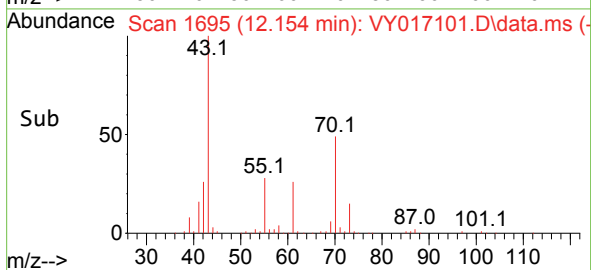
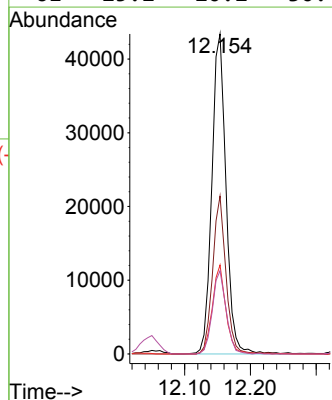
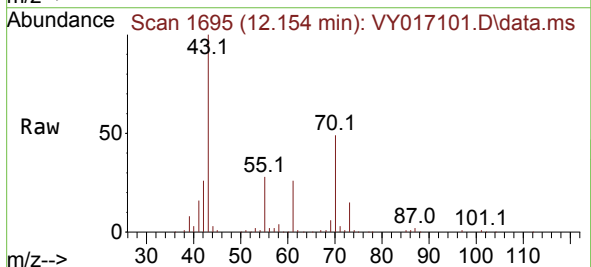
Instrument :
MSVOA_Y
ClientSampleId :

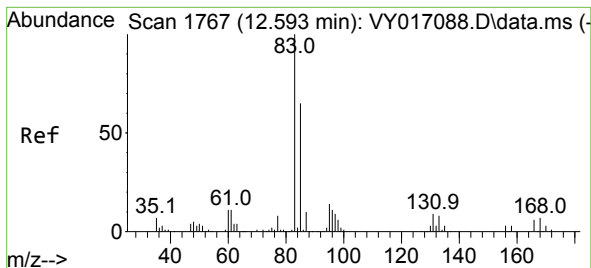
Tgt Ion:105 Resp: 312354
Ion Ratio Lower Upper
105 100
120 26.1 13.0 39.0



#74
N-ethyl acetate
Concen: 47.726 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

Tgt Ion: 43 Resp: 65060
Ion Ratio Lower Upper
43 100
70 46.3 36.6 55.0
55 26.8 22.2 33.4
61 25.2 20.2 30.4

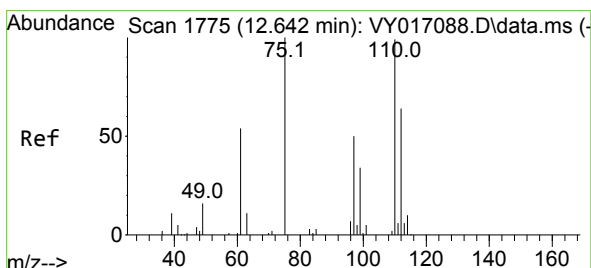
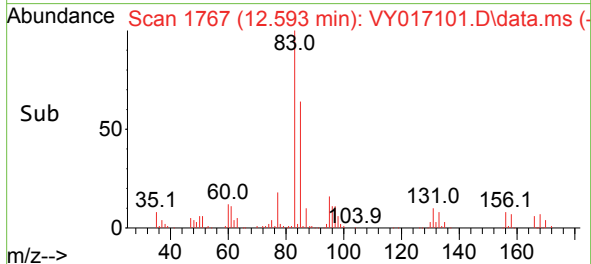
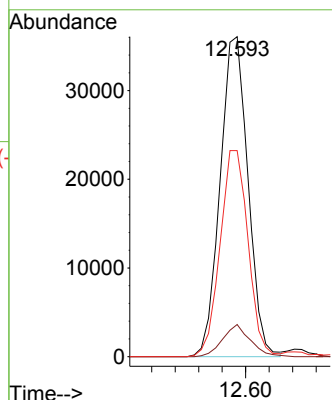
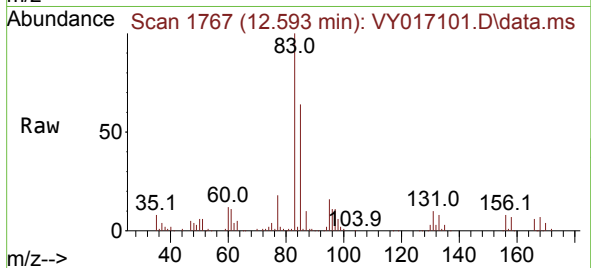




#75
1,1,2,2-Tetrachloroethane
Concen: 46.014 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

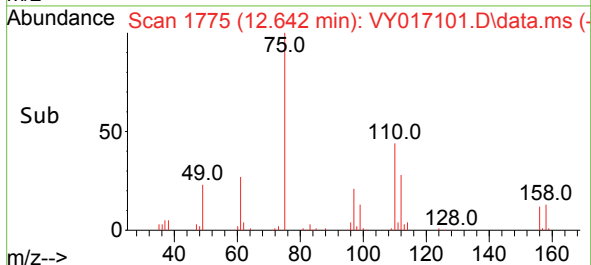
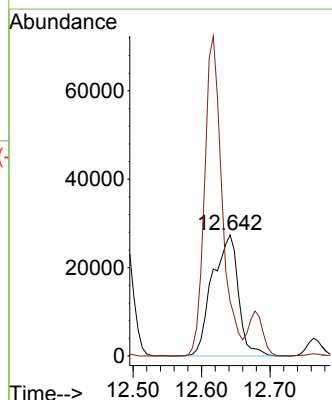
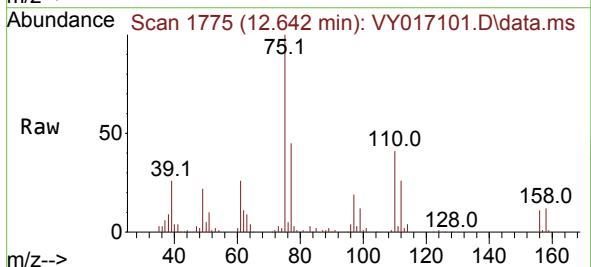
Instrument :
MSVOA_Y
ClientSampleId :

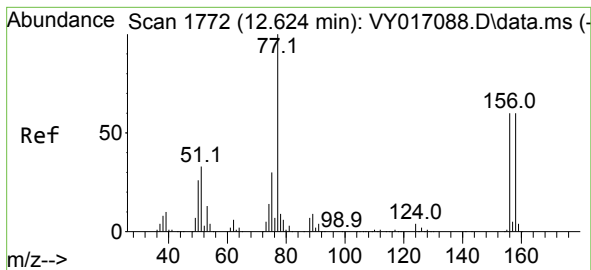
Tgt Ion: 83 Resp: 59340
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.6
85 64.8 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 72.342 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

Tgt Ion: 75 Resp: 72238
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.971 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :

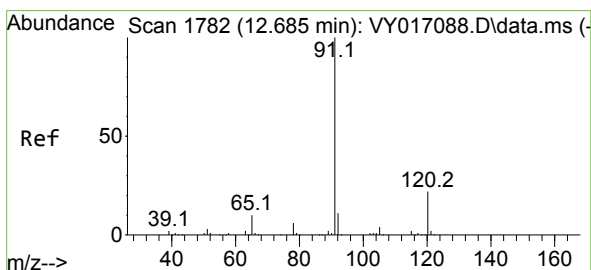
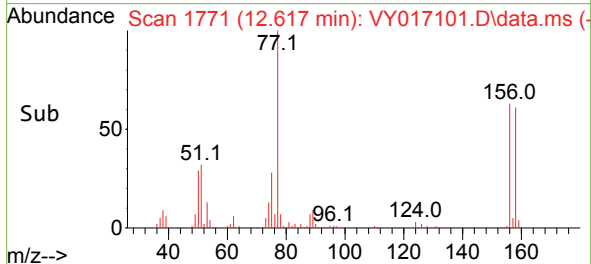
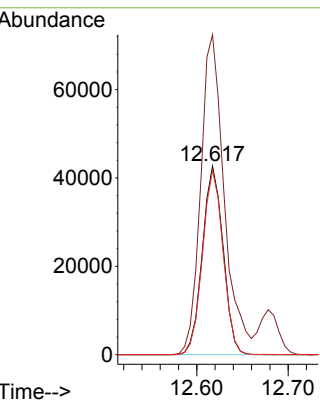
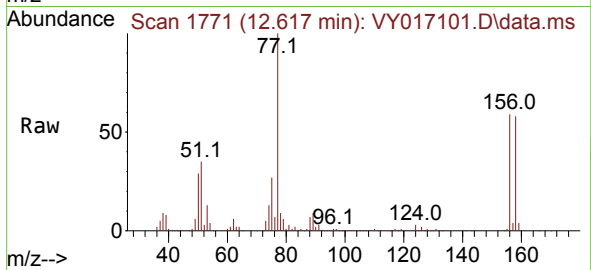
Tgt Ion:156 Resp: 67273

Ion Ratio Lower Upper

156 100

77 192.5 97.3 291.8

158 97.0 48.4 145.0



#78

n-propylbenzene

Concen: 46.677 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017101.D

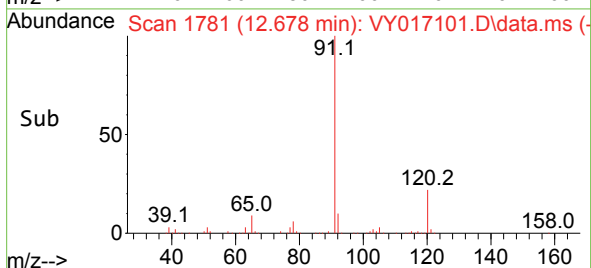
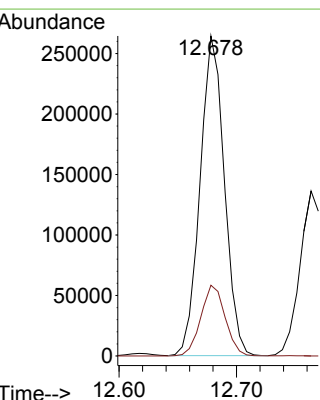
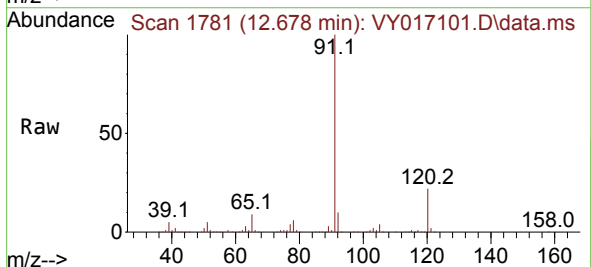
Acq: 25 Jan 2024 11:27

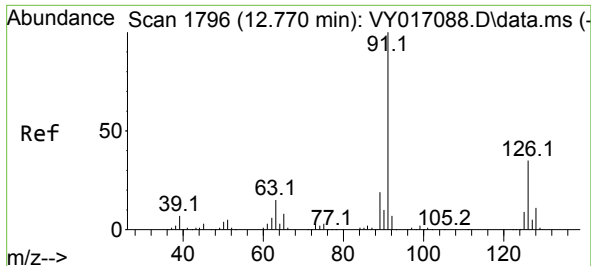
Tgt Ion: 91 Resp: 379689

Ion Ratio Lower Upper

91 100

120 22.2 11.0 33.0

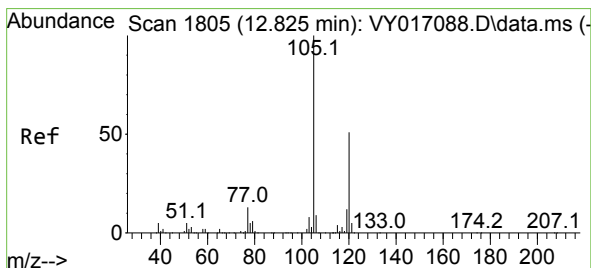
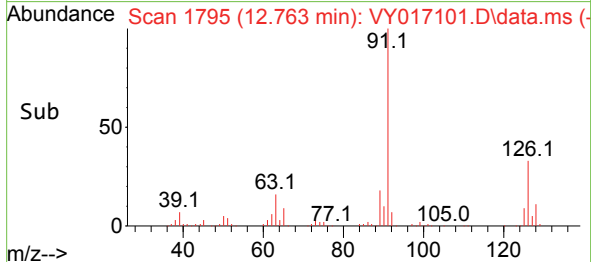
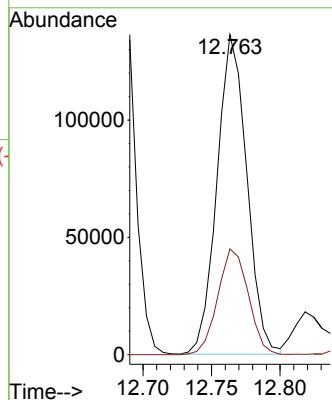
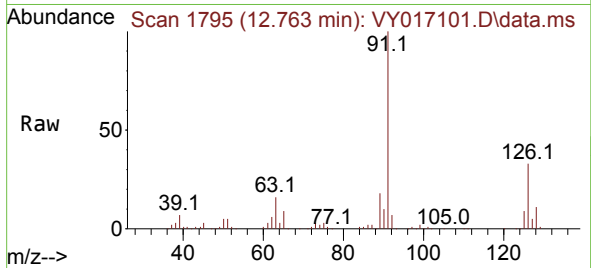




#79
2-Chlorotoluene
Concen: 46.227 ug/l
RT: 12.763 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

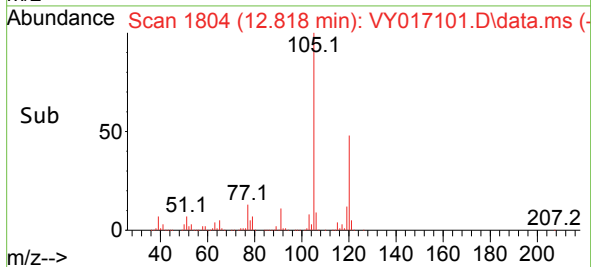
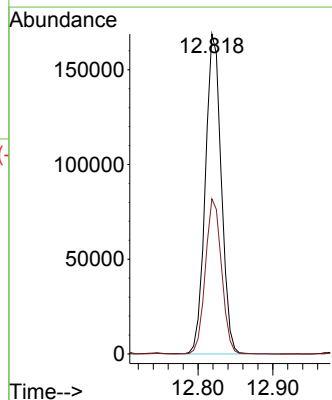
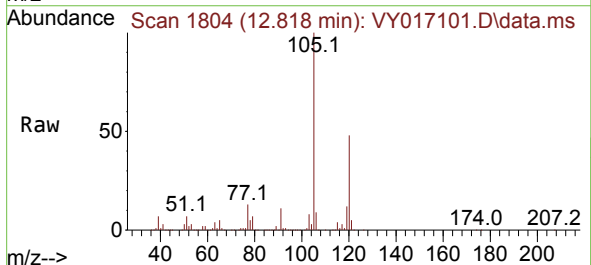
Instrument :
MSVOA_Y
ClientSampleId :

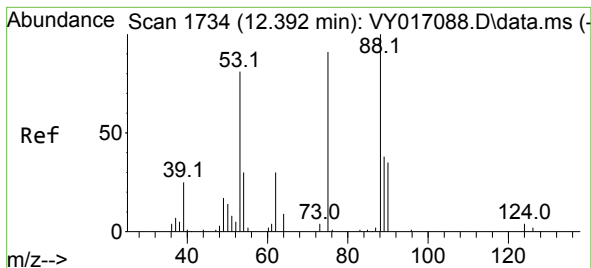
Tgt Ion: 91 Resp: 206347
Ion Ratio Lower Upper
91 100
126 33.9 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 46.692 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

Tgt Ion: 105 Resp: 249919
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.8

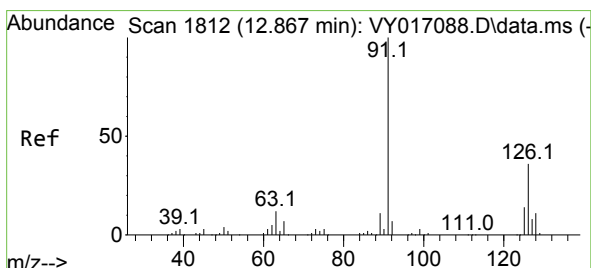
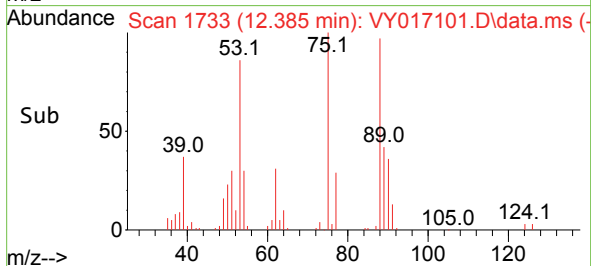
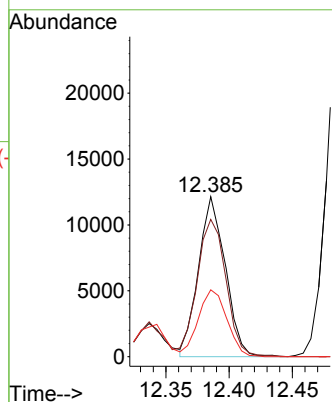
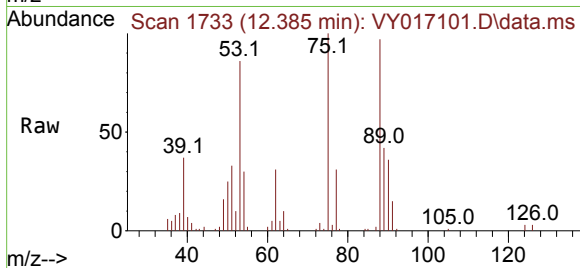




#81
trans-1,4-Dichloro-2-butene
Concen: 46.652 ug/l
RT: 12.385 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

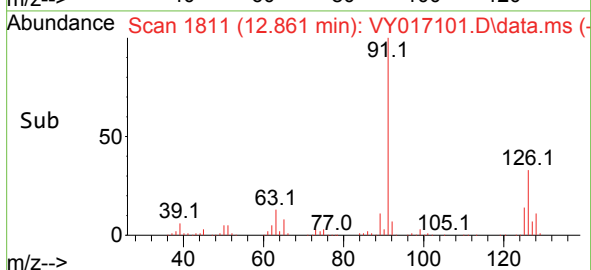
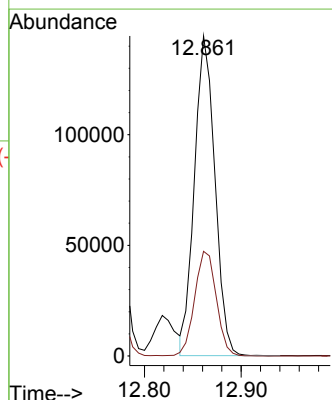
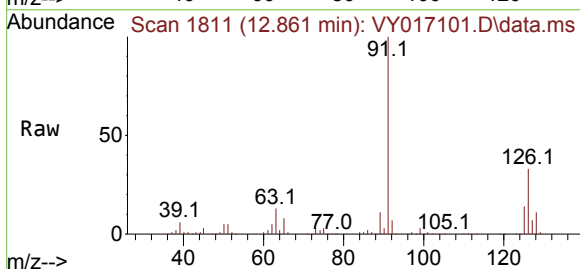
Instrument :
MSVOA_Y
ClientSampleId :

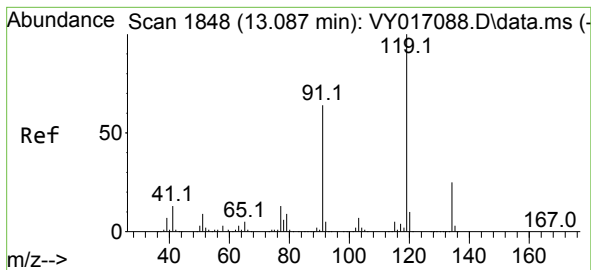
Tgt Ion: 75 Resp: 17994
Ion Ratio Lower Upper
75 100
53 92.8 74.0 111.0
89 44.4 36.5 54.7



#82
4-Chlorotoluene
Concen: 45.972 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

Tgt Ion: 91 Resp: 212679
Ion Ratio Lower Upper
91 100
126 34.7 17.1 51.2





#83

tert-Butylbenzene

Concen: 45.477 ug/l

RT: 13.080 min Scan# 1847

Delta R.T. -0.007 min

Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :

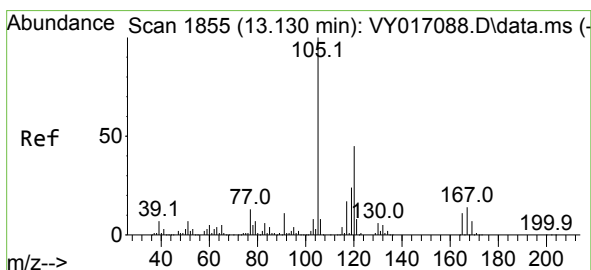
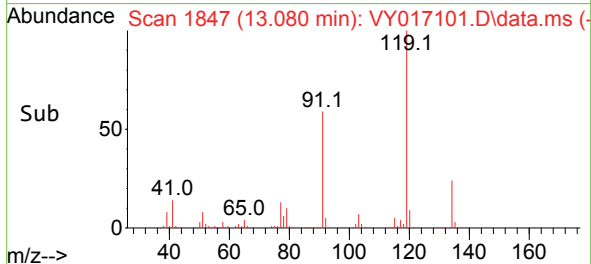
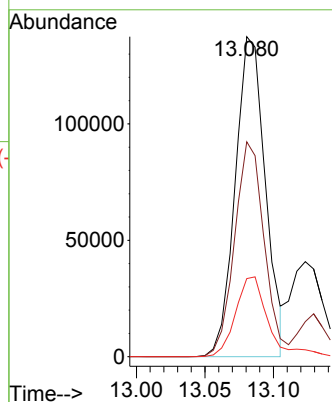
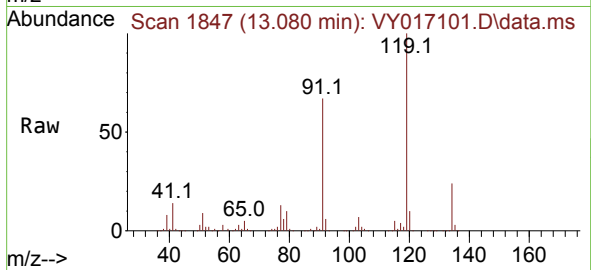
Tgt Ion:119 Resp: 210547

Ion Ratio Lower Upper

119 100

91 66.2 31.5 94.5

134 27.0 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 46.499 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017101.D

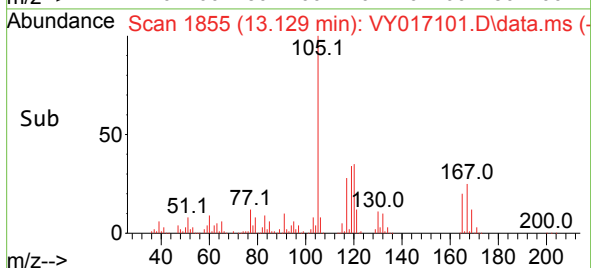
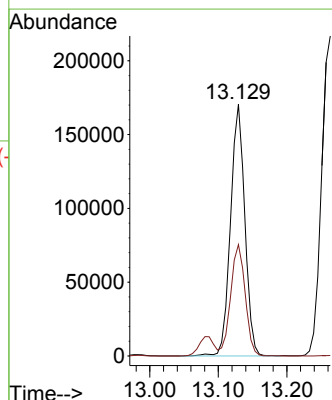
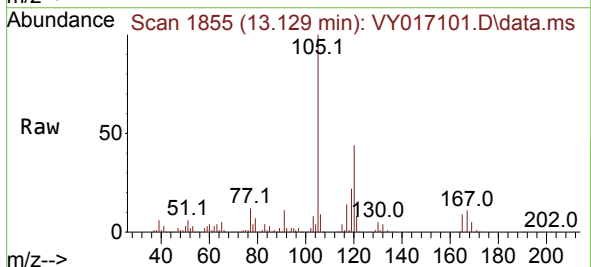
Acq: 25 Jan 2024 11:27

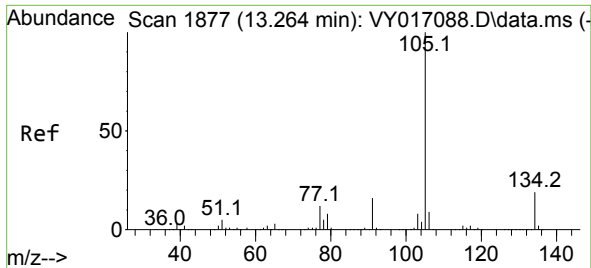
Tgt Ion:105 Resp: 247368

Ion Ratio Lower Upper

105 100

120 45.1 22.1 66.3

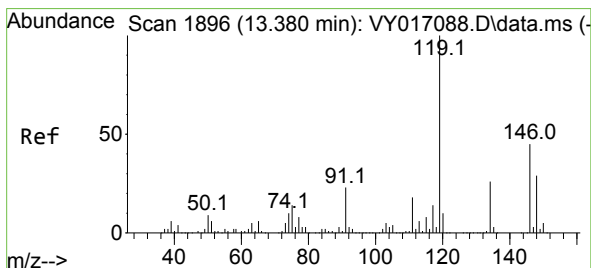
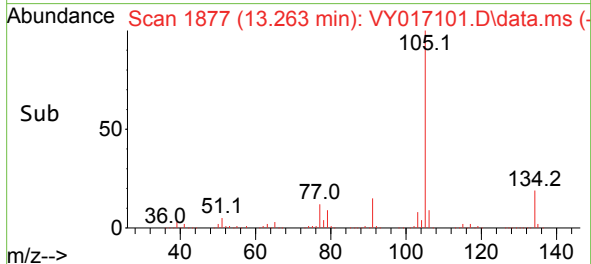
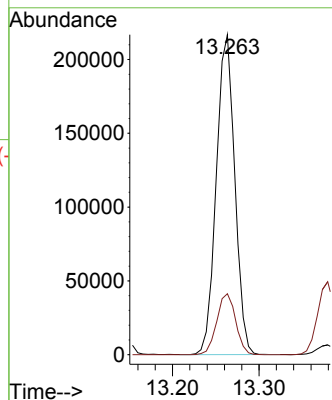
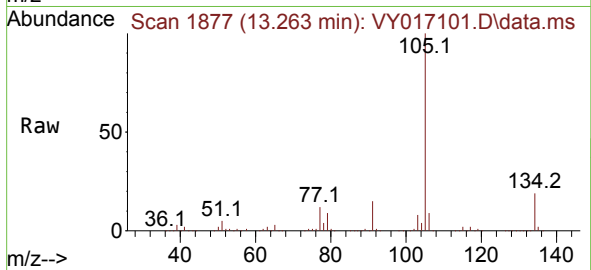




#85
 sec-Butylbenzene
 Concen: 46.861 ug/l
 RT: 13.263 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VY017101.D
 Acq: 25 Jan 2024 11:27

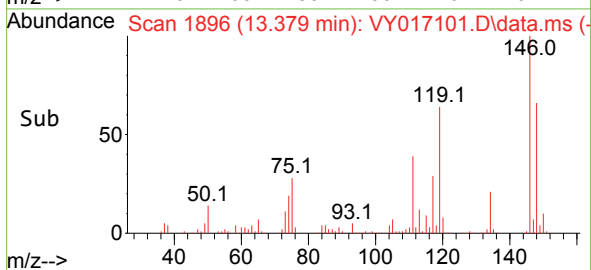
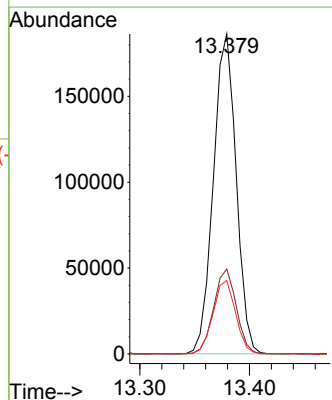
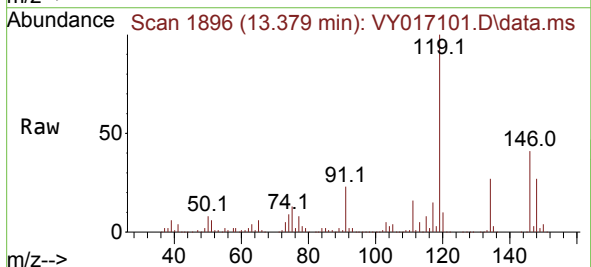
Instrument :
 MSVOA_Y
 ClientSampleId :

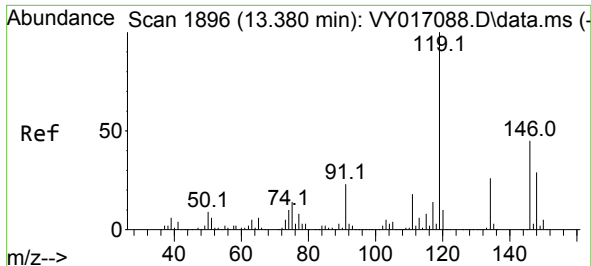
Tgt Ion:105 Resp: 321250
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 47.096 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.000 min
 Lab File: VY017101.D
 Acq: 25 Jan 2024 11:27

Tgt Ion:119 Resp: 268935
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 22.9 11.7 35.0

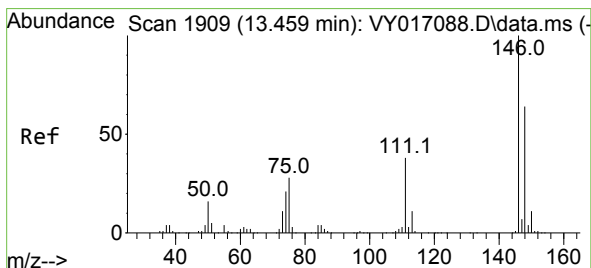
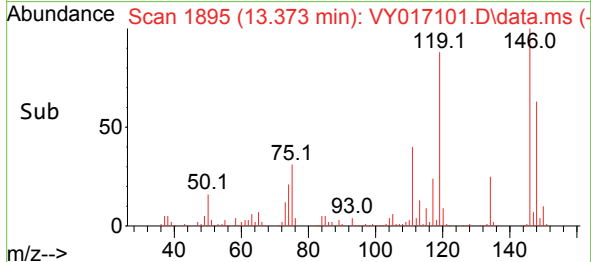
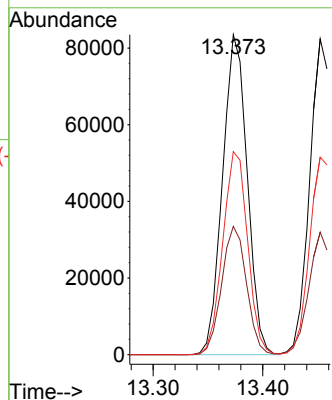
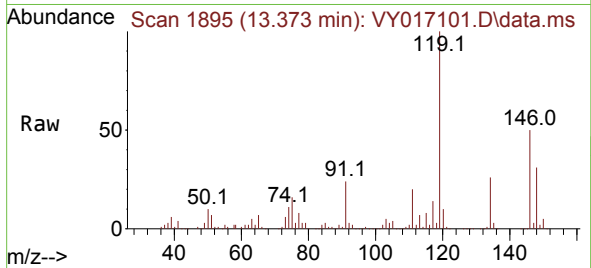




#87
 1,3-Dichlorobenzene
 Concen: 45.262 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY017101.D
 Acq: 25 Jan 2024 11:27

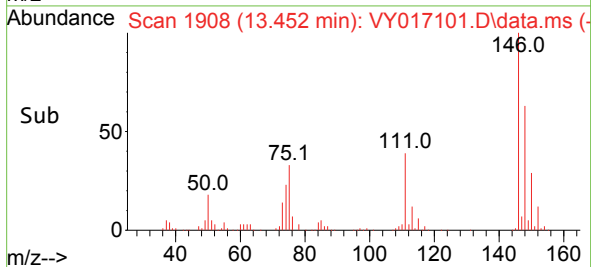
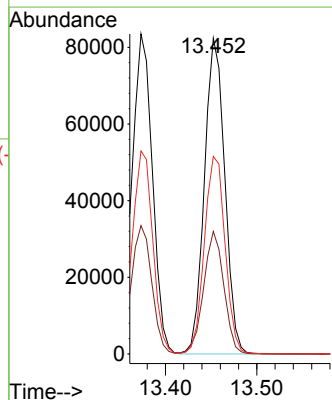
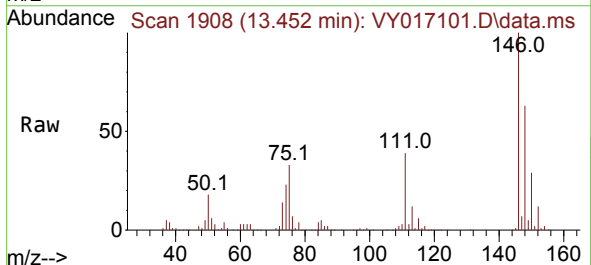
Instrument :
 MSVOA_Y
 ClientSampleId :

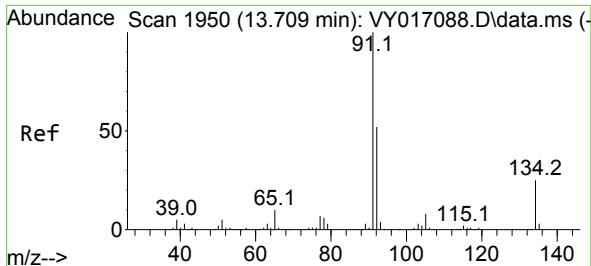
Tgt Ion:146 Resp: 130770
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.2 60.5
 148 64.0 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 44.817 ug/l
 RT: 13.452 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VY017101.D
 Acq: 25 Jan 2024 11:27

Tgt Ion:146 Resp: 127401
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.3 57.9
 148 63.9 31.6 94.7

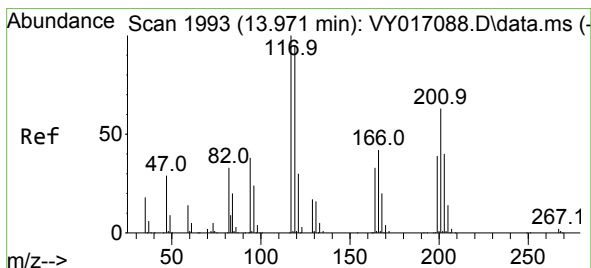
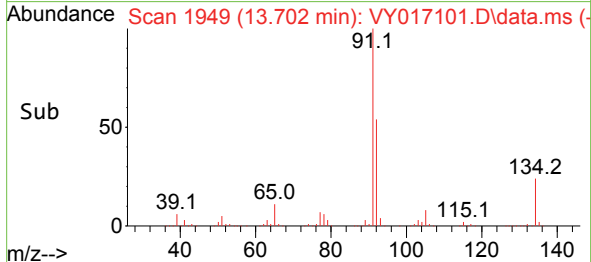
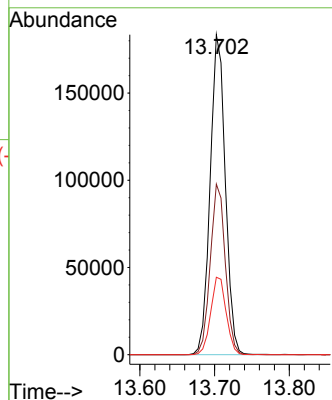
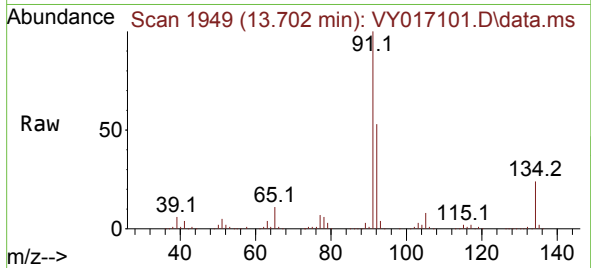




#89
n-Butylbenzene
Concen: 46.954 ug/l
RT: 13.702 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

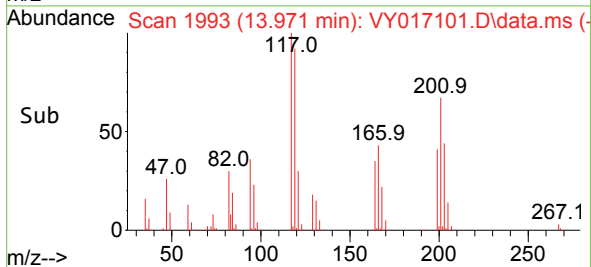
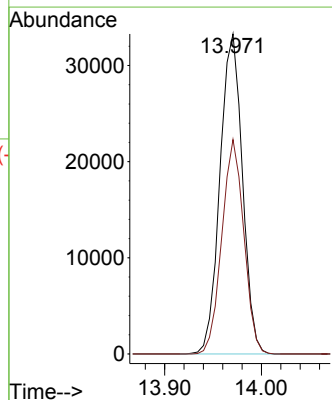
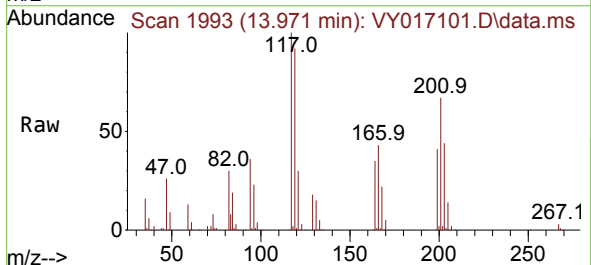
Instrument :
MSVOA_Y
ClientSampleId :

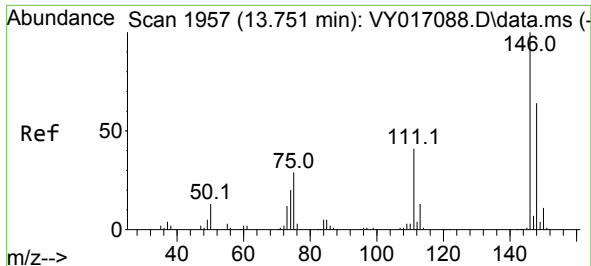
Tgt Ion: 91 Resp: 258620
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.2
134 24.6 12.3 36.8



#90
Hexachloroethane
Concen: 44.977 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VY017101.D
Acq: 25 Jan 2024 11:27

Tgt Ion: 117 Resp: 53532
Ion Ratio Lower Upper
117 100
201 65.5 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 45.861 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.006 min

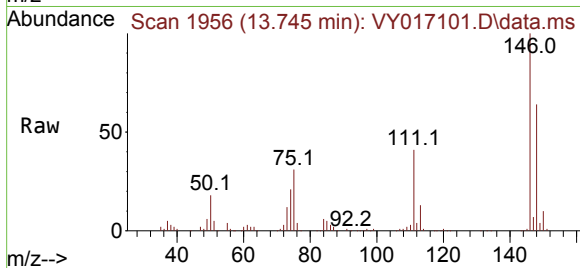
Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :



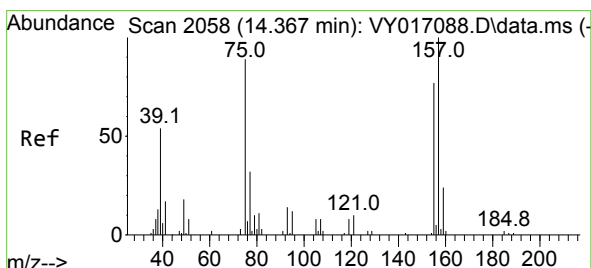
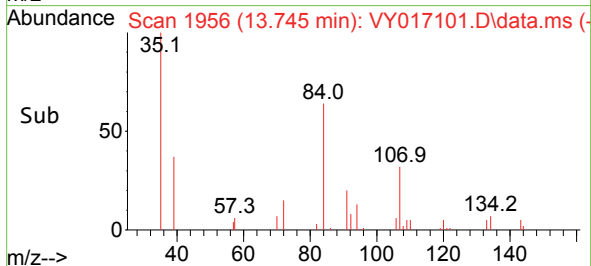
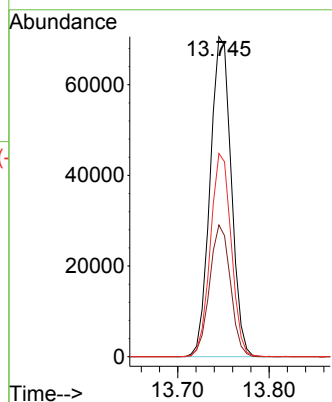
Tgt Ion:146 Resp: 113153

Ion Ratio Lower Upper

146 100

111 40.6 20.5 61.6

148 62.7 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.735 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

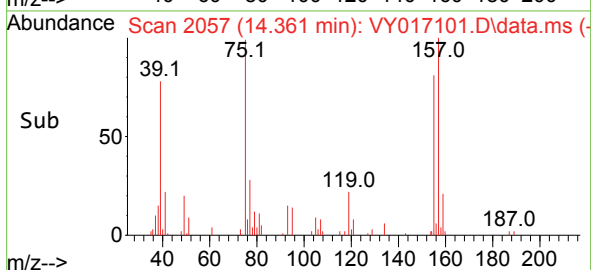
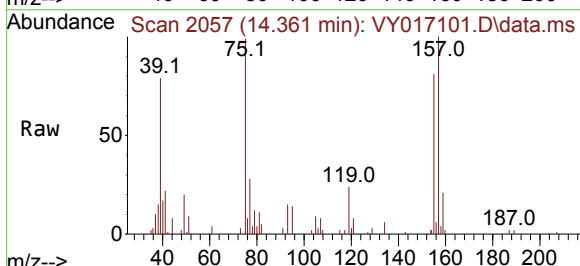
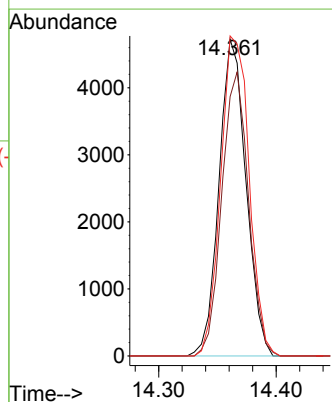
Tgt Ion: 75 Resp: 7533

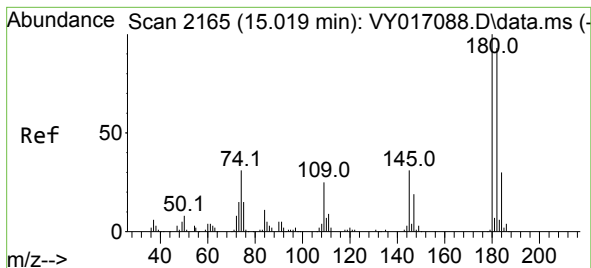
Ion Ratio Lower Upper

75 100

155 88.9 42.1 126.3

157 106.8 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 44.616 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.006 min

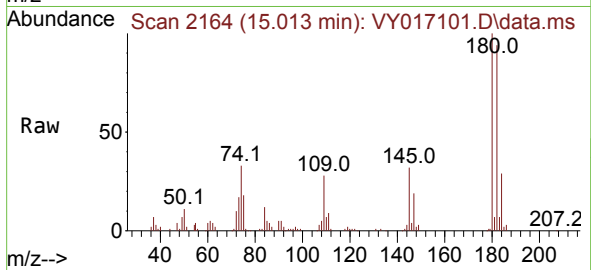
Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :



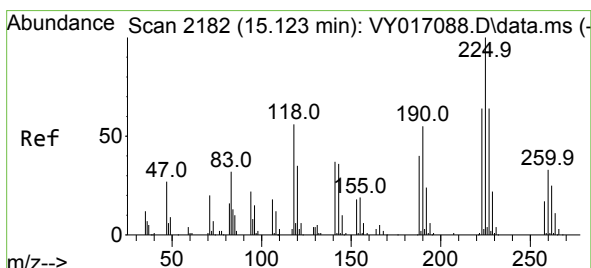
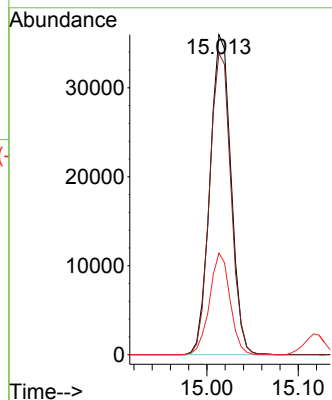
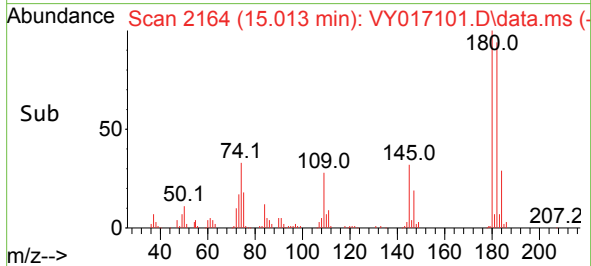
Tgt Ion:180 Resp: 57526

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.7

145 30.8 15.9 47.7



#94

Hexachlorobutadiene

Concen: 42.576 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

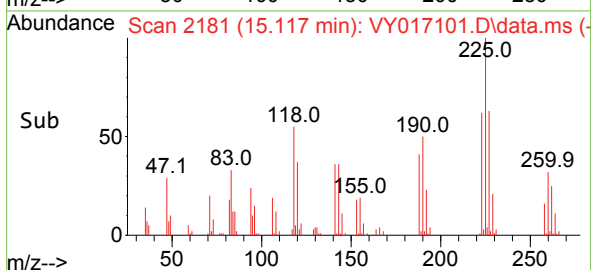
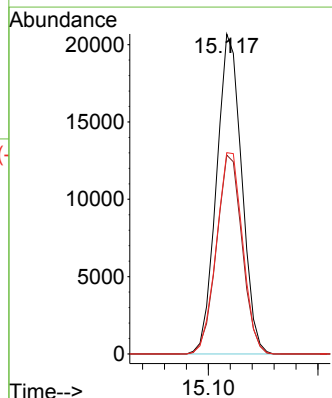
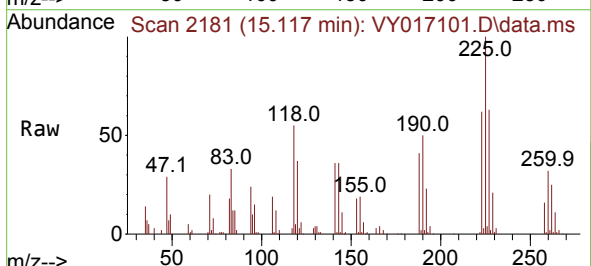
Tgt Ion:225 Resp: 33039

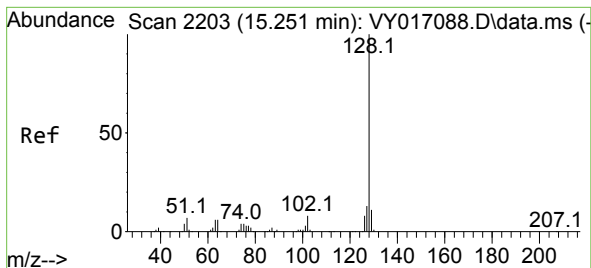
Ion Ratio Lower Upper

225 100

223 63.3 31.4 94.3

227 65.5 32.3 96.8





#95

Naphthalene

Concen: 47.321 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

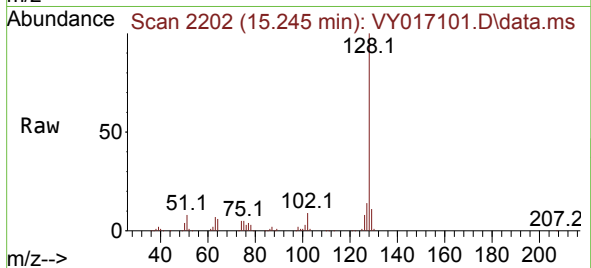
Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :



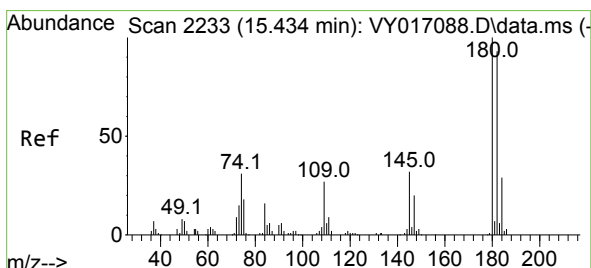
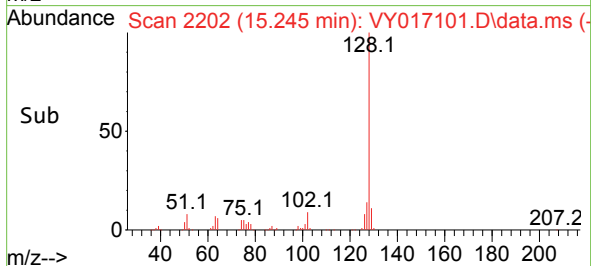
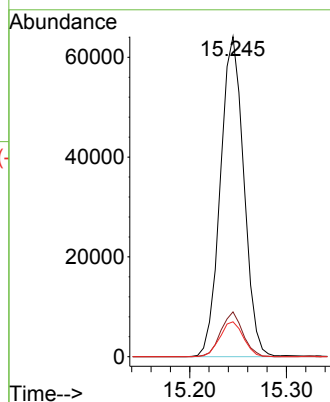
Tgt Ion:128 Resp: 107763

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 44.128 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY017101.D

Acq: 25 Jan 2024 11:27

Tgt Ion:180 Resp: 47336

Ion Ratio Lower Upper

180 100

182 93.6 46.3 138.8

145 33.5 16.1 48.2

