

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081524\
 Data File : VY019076.D
 Acq On : 15 Aug 2024 19:50
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 16 05:00:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:48:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	152300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	233756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	204423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	103374	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	202554	132.675	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 265.360%#	
35) Dibromofluoromethane	7.616	113	217429	142.256	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 284.520%#	
50) Toluene-d8	10.103	98	780856	141.966	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 283.940%#	
62) 4-Bromofluorobenzene	12.402	95	271785	144.948	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 289.900%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	148333	132.748	ug/l	100
3) Chloromethane	2.062	50	239051	118.689	ug/l	99
4) Vinyl Chloride	2.196	62	297256	119.484	ug/l	99
5) Bromomethane	2.562	94	203746	145.411	ug/l	99
6) Chloroethane	2.714	64	189405	149.351	ug/l	99
7) Trichlorofluoromethane	3.043	101	475235	126.348	ug/l	95
8) Diethyl Ether	3.440	74	108701	133.889	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.799	101	213832	127.878	ug/l	98
10) Methyl Iodide	3.988	142	239325	146.018	ug/l	95
11) Tert butyl alcohol	4.848	59	87119	753.093	ug/l #	80
12) 1,1-Dichloroethene	3.775	96	203941	134.243	ug/l	97
13) Acrolein	3.635	56	80464	740.418	ug/l	99
14) Allyl chloride	4.366	41	279902	138.577	ug/l	92
15) Acrylonitrile	5.043	53	232128	698.766	ug/l	99
16) Acetone	3.854	43	187534	662.362	ug/l	89
17) Carbon Disulfide	4.086	76	579000	135.124	ug/l	98
18) Methyl Acetate	4.366	43	117485	135.203	ug/l	96
19) Methyl tert-butyl Ether	5.104	73	534853	145.216	ug/l	97
20) Methylene Chloride	4.598	84	223901	147.221	ug/l	96
21) trans-1,2-Dichloroethene	5.092	96	227992	134.329	ug/l	97
22) Diisopropyl ether	6.006	45	643082	139.078	ug/l	96
23) Vinyl Acetate	5.945	43	2712972	741.086	ug/l	97
24) 1,1-Dichloroethane	5.903	63	374219	132.338	ug/l	98
25) 2-Butanone	6.878	43	312311	684.937	ug/l	91
26) 2,2-Dichloropropane	6.866	77	312468	136.457	ug/l	100
27) cis-1,2-Dichloroethene	6.872	96	276283	138.321	ug/l	99
28) Bromochloromethane	7.226	49	153305	129.242	ug/l	99
29) Tetrahydrofuran	7.244	42	202780	691.822	ug/l	94
30) Chloroform	7.402	83	425274	134.968	ug/l	98
31) Cyclohexane	7.683	56	300928	146.017	ug/l	98
32) 1,1,1-Trichloroethane	7.604	97	387346	139.882	ug/l	99
36) 1,1-Dichloropropene	7.823	75	291531	138.903	ug/l	99
37) Ethyl Acetate	6.970	43	142431	153.172	ug/l	98
38) Carbon Tetrachloride	7.805	117	351898	144.677	ug/l	100
39) Methylcyclohexane	9.097	83	378742	140.620	ug/l	97
40) Benzene	8.067	78	895989	139.195	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	193171	401.759	ug/l #	26
42) 1,2-Dichloroethane	8.146	62	246305	141.697	ug/l	97
43) Isopropyl Acetate	8.183	43	277992	147.823	ug/l #	83
44) Trichloroethene	8.853	130	246280	137.120	ug/l	99
45) 1,2-Dichloropropane	9.134	63	199830	139.335	ug/l	99
46) Dibromomethane	9.219	93	134044	144.103	ug/l	99
47) Bromodichloromethane	9.414	83	329329	144.307	ug/l	98
48) Methyl methacrylate	9.213	41	133108	158.820	ug/l	88
49) 1,4-Dioxane	9.219	88	33063	2934.221	ug/l #	93
51) 4-Methyl-2-Pentanone	9.993	43	747067	748.465	ug/l	95
52) Toluene	10.164	92	604923	143.165	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	294368	155.494	ug/l	98
54) cis-1,3-Dichloropropene	9.847	75	336952	147.999	ug/l #	89
55) 1,1,2-Trichloroethane	10.566	97	173865	145.193	ug/l	97
56) Ethyl methacrylate	10.432	69	245714	156.766	ug/l #	86
57) 1,3-Dichloropropane	10.713	76	277556	142.185	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	568743	764.886	ug/l	96
59) 2-Hexanone	10.755	43	536331	782.124	ug/l	92
60) Dibromochloromethane	10.908	129	243628	149.375	ug/l	99
61) 1,2-Dibromoethane	11.012	107	173497	149.902	ug/l	99
64) Tetrachloroethene	10.640	164	245327	137.299	ug/l	96
65) Chlorobenzene	11.438	112	667918	141.896	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	244749	147.855	ug/l	98
67) Ethyl Benzene	11.518	91	1218665	149.165	ug/l	98
68) m/p-Xylenes	11.627	106	969919	299.196	ug/l	99
69) o-Xylene	11.950	106	442508	147.403	ug/l	100
70) Styrene	11.969	104	755740	147.626	ug/l	97
71) Bromoform	12.133	173	146246	154.552	ug/l #	98
73) Isopropylbenzene	12.255	105	1140578	143.956	ug/l	100
74) N-amyl acetate	12.072	43	272730	157.858	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.505	83	192397	136.399	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	248473	253.063	ug/l #	100
77) Bromobenzene	12.530	156	270284	142.045	ug/l	97
78) n-propylbenzene	12.597	91	1317217	139.070	ug/l	98
79) 2-Chlorotoluene	12.676	91	745586	140.408	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	910505	141.063	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	62454	151.297	ug/l	87
82) 4-Chlorotoluene	12.773	91	770274	139.426	ug/l	99
83) tert-Butylbenzene	12.999	119	839485	140.837	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	912240	141.806	ug/l	99
85) sec-Butylbenzene	13.176	105	1184859	136.405	ug/l	99
86) p-Isopropyltoluene	13.292	119	1011209	141.728	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	524755	139.839	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	506880	135.885	ug/l	99
89) n-Butylbenzene	13.615	91	903193	138.847	ug/l	99
90) Hexachloroethane	13.877	117	199647	141.965	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	455126	137.900	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	30394	146.473	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	278119	149.428	ug/l	97
94) Hexachlorobutadiene	15.023	225	137395	141.724	ug/l	98
95) Naphthalene	15.145	128	550189	165.633	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	239960	152.861	ug/l	99

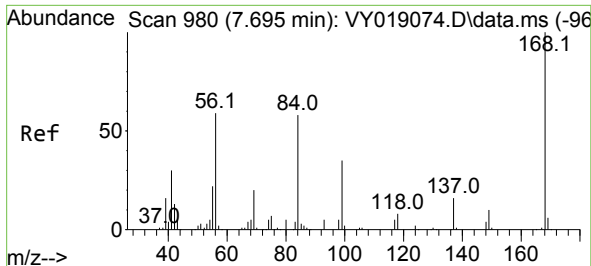
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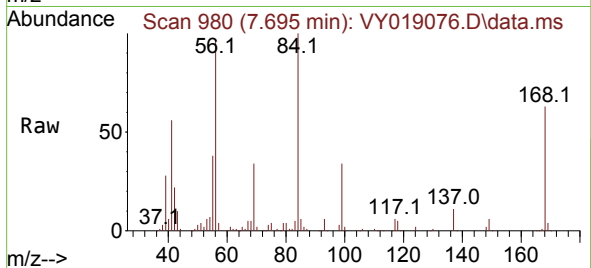
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

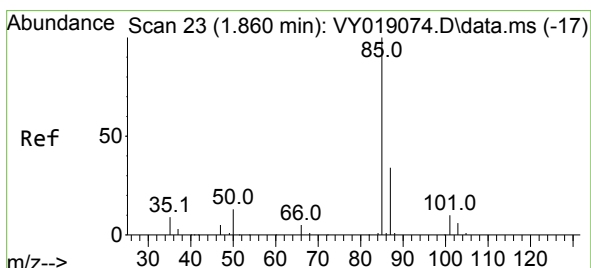
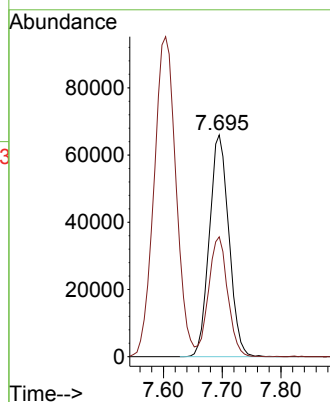
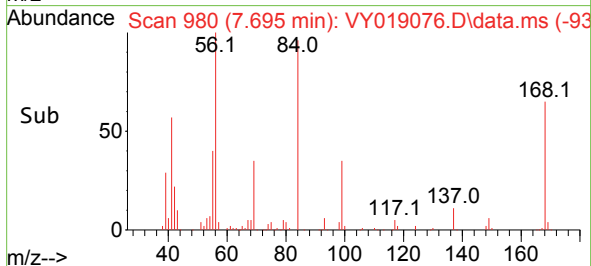


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019076.D
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Instrument :
MSVOA_Y
ClientSampleId :

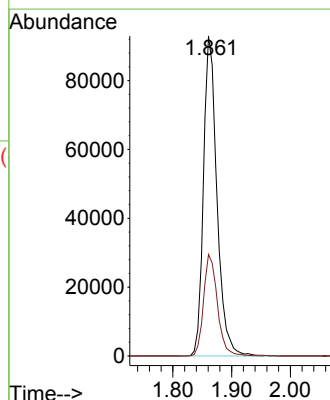
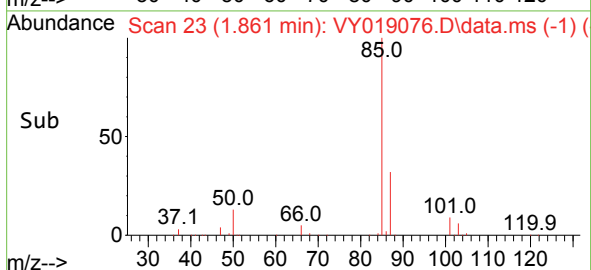
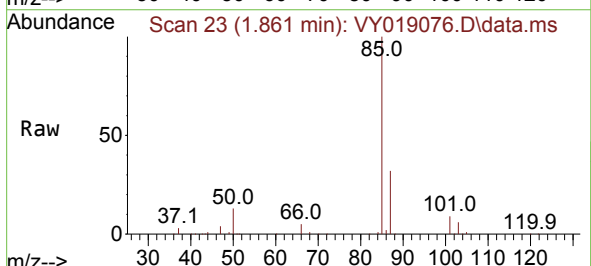


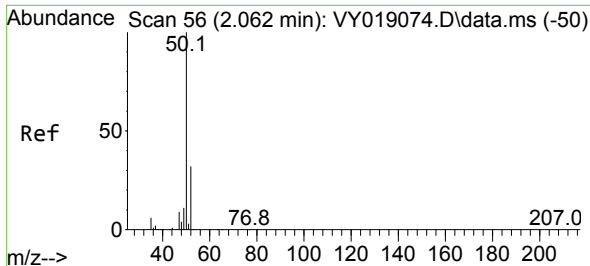
Tgt Ion:168 Resp: 152300
Ion Ratio Lower Upper
168 100
99 53.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 132.748 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

Tgt Ion: 85 Resp: 148333
Ion Ratio Lower Upper
85 100
87 31.8 16.0 48.0

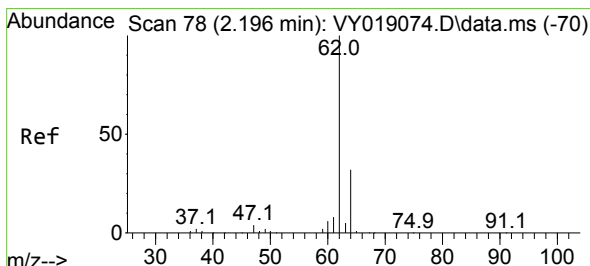
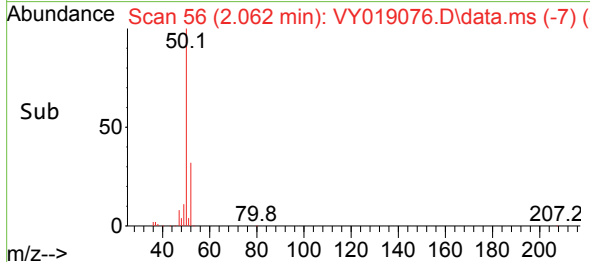
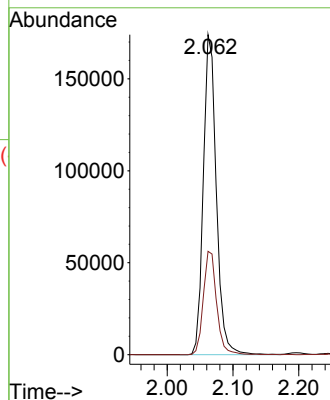
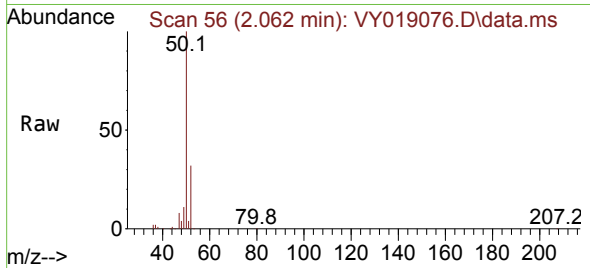




#3
Chloromethane
Concen: 118.689 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

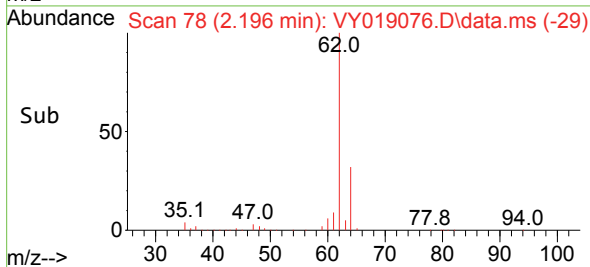
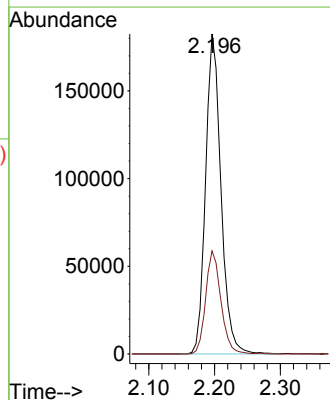
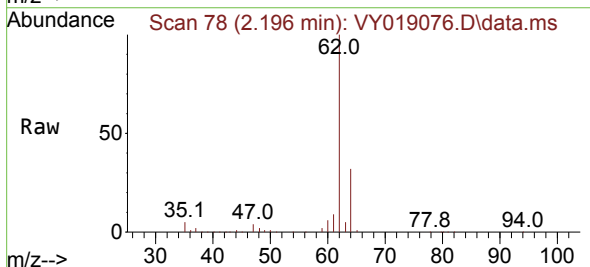
Instrument :
MSVOA_Y
ClientSampleId :

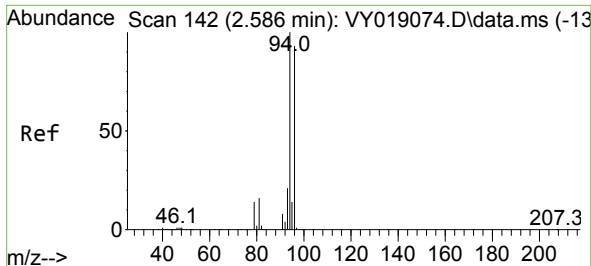
Tgt Ion: 50 Resp: 239051
Ion Ratio Lower Upper
50 100
52 32.3 25.6 38.4



#4
Vinyl Chloride
Concen: 119.484 ug/l
RT: 2.196 min Scan# 78
Delta R.T. 0.000 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

Tgt Ion: 62 Resp: 297256
Ion Ratio Lower Upper
62 100
64 32.2 26.1 39.1

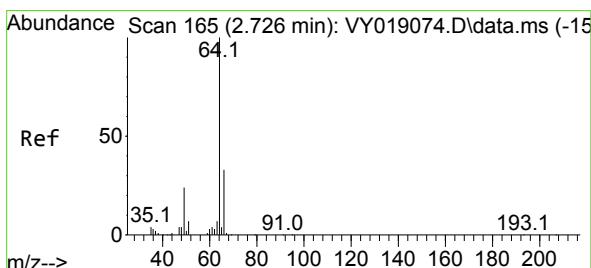
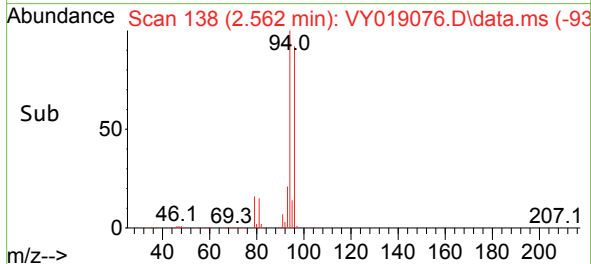
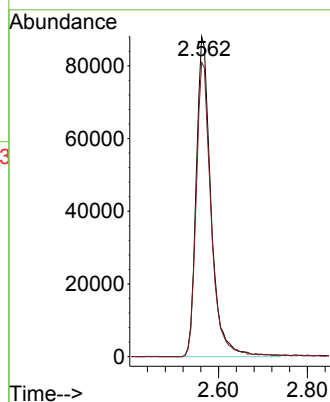
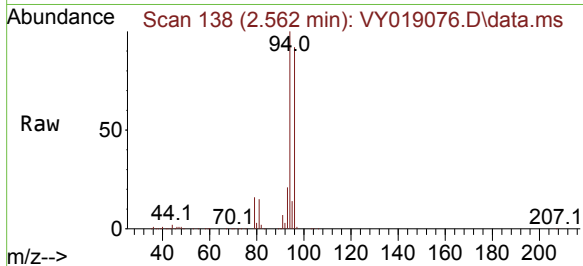




#5
Bromomethane
Concen: 145.411 ug/l
RT: 2.562 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

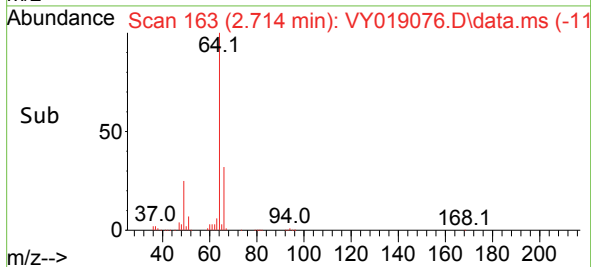
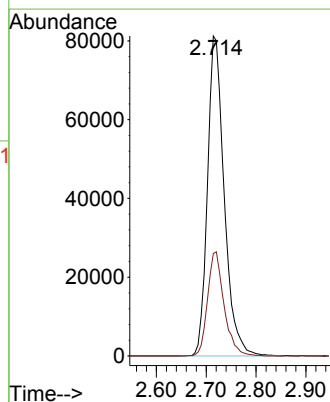
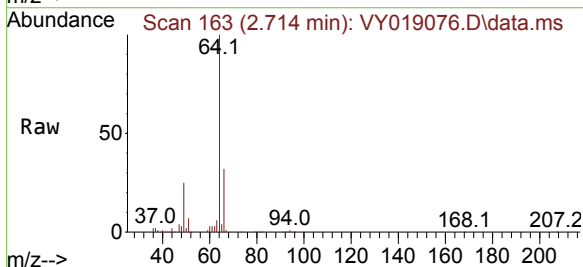
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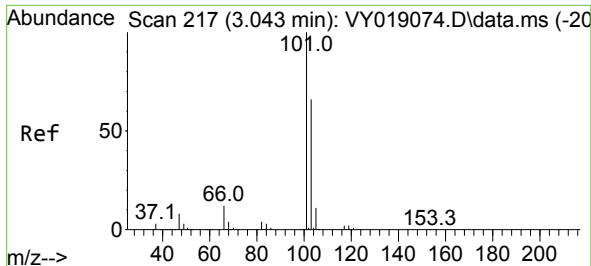
Tgt Ion: 94 Resp: 203746
Ion Ratio Lower Upper
94 100
96 91.9 74.1 111.1



#6
Chloroethane
Concen: 149.351 ug/l
RT: 2.714 min Scan# 163
Delta R.T. -0.012 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

Tgt Ion: 64 Resp: 189405
Ion Ratio Lower Upper
64 100
66 32.0 26.1 39.1

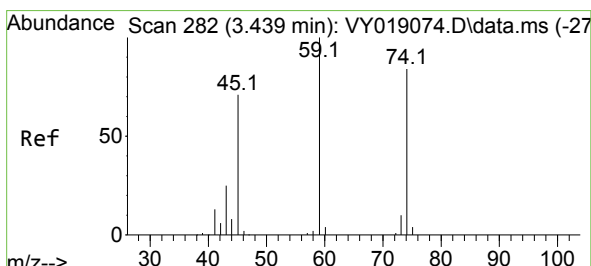
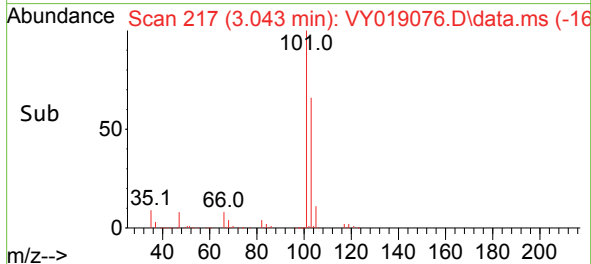
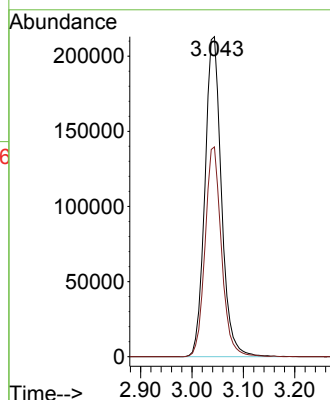
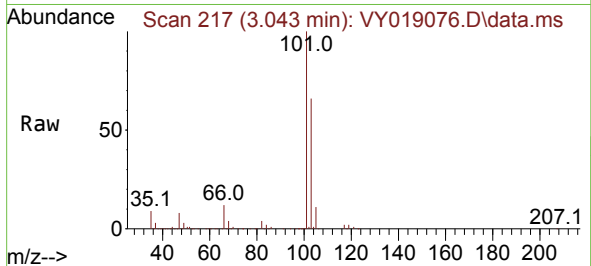




#7
 Trichlorofluoromethane
 Concen: 126.348 ug/l
 RT: 3.043 min Scan# 217
 Delta R.T. 0.000 min
 Lab File: VY019076.D
 Acq: 15 Aug 2024 19:50

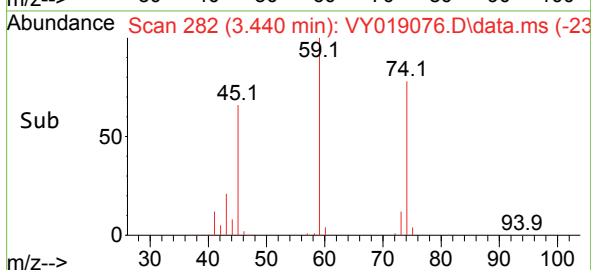
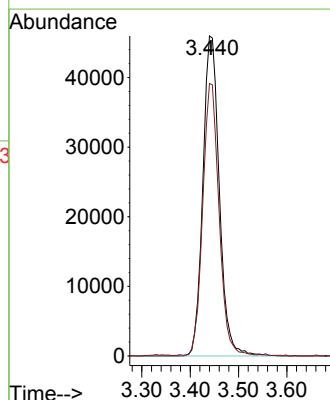
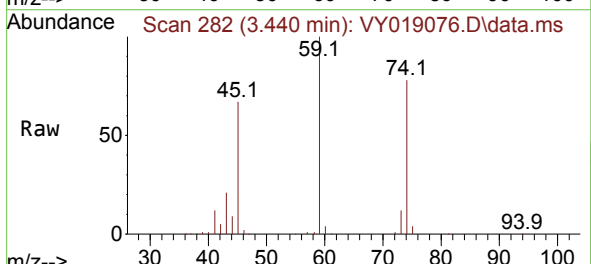
Instrument :
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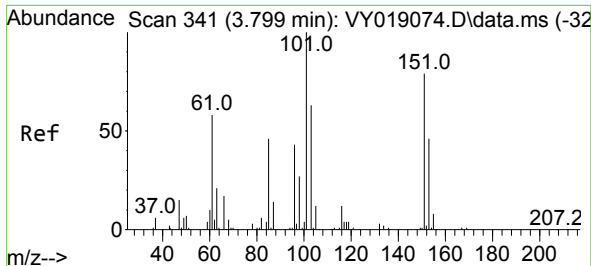
Tgt Ion:101 Resp: 475235
 Ion Ratio Lower Upper
 101 100
 103 65.5 49.3 73.9



#8
 Diethyl Ether
 Concen: 133.889 ug/l
 RT: 3.440 min Scan# 282
 Delta R.T. 0.000 min
 Lab File: VY019076.D
 Acq: 15 Aug 2024 19:50

Tgt Ion: 74 Resp: 108701
 Ion Ratio Lower Upper
 74 100
 45 84.1 41.3 124.1

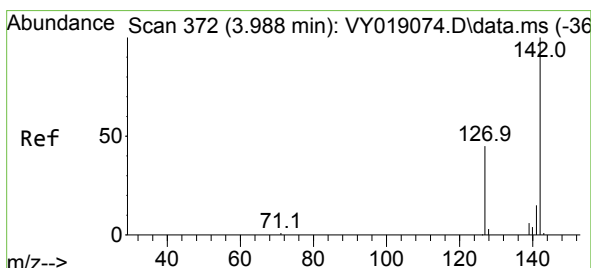
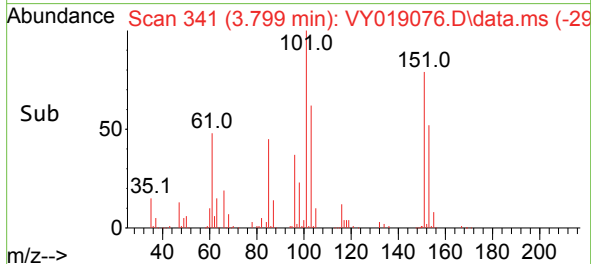
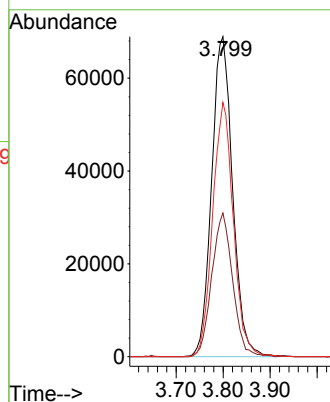
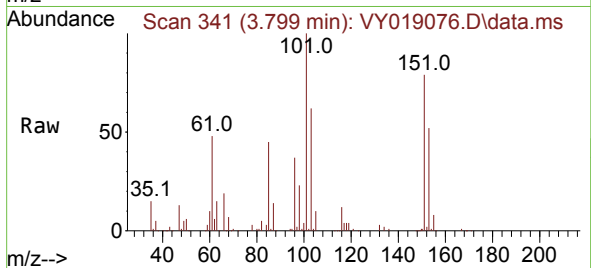




#9
1,1,2-Trichlorotrifluoroethane
Concen: 127.878 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY019076.D
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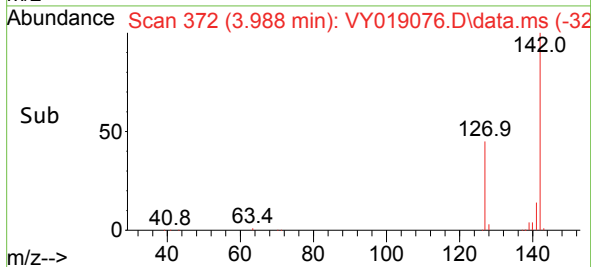
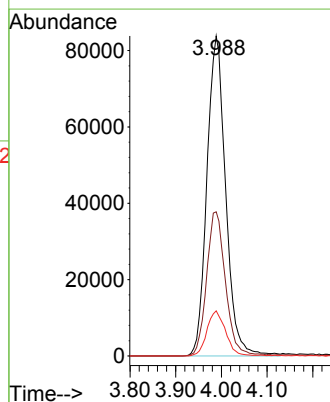
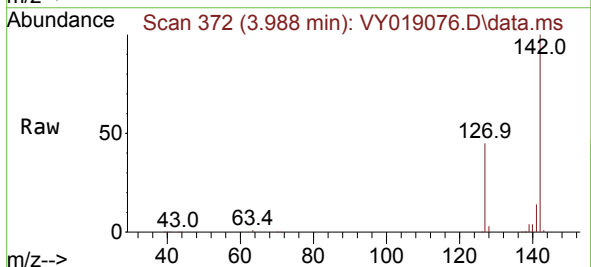
Instrument :
MSVOA_Y
ClientSampleId :

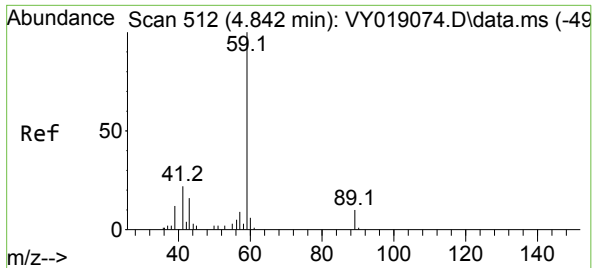
Tgt Ion:101 Resp: 213832
Ion Ratio Lower Upper
101 100
85 44.5 34.5 51.7
151 78.5 61.7 92.5



#10
Methyl Iodide
Concen: 146.018 ug/l
RT: 3.988 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

Tgt Ion:142 Resp: 239325
Ion Ratio Lower Upper
142 100
127 45.4 32.8 49.2
141 14.0 11.4 17.2

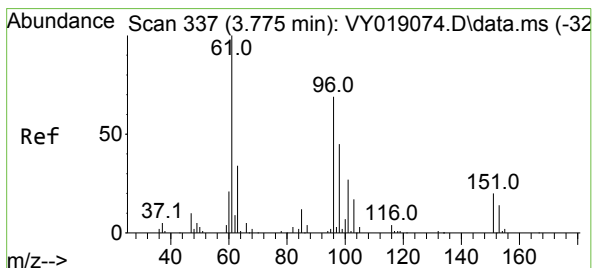
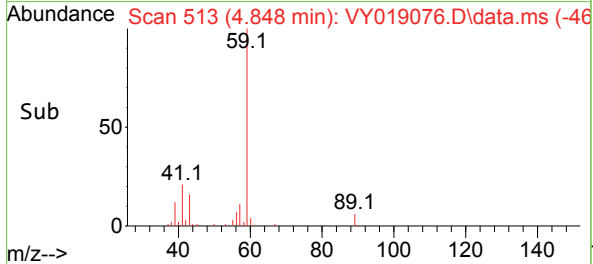
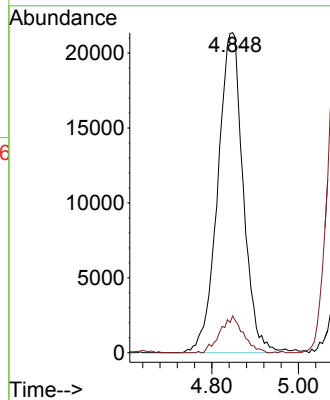
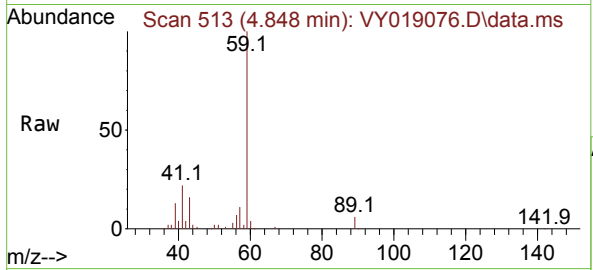




#11
Tert butyl alcohol
Concen: 753.093 ug/l
RT: 4.848 min Scan# 512
Delta R.T. 0.006 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

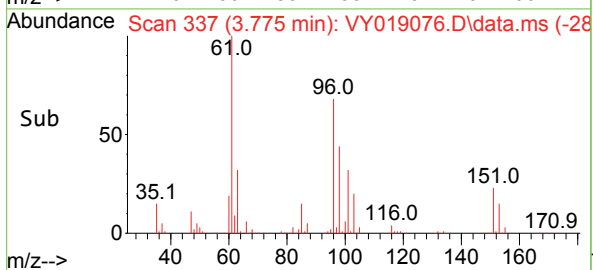
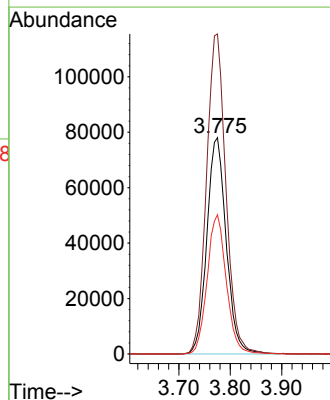
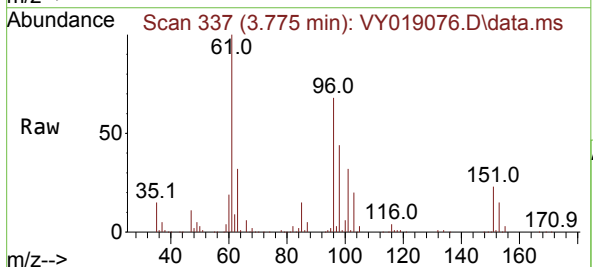
Instrument :
MSVOA_Y
ClientSampleId :

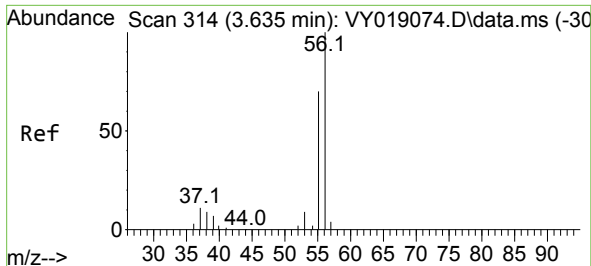
Tgt Ion: 59 Resp: 87119
Ion Ratio Lower Upper
59 100
57 10.4 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 134.243 ug/l
RT: 3.775 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

Tgt Ion: 96 Resp: 203941
Ion Ratio Lower Upper
96 100
61 147.9 114.6 171.8
98 64.4 50.8 76.2





#13

Acrolein

Concen: 740.418 ug/l

RT: 3.635 min Scan# 314

Delta R.T. -0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Instrument :

MSVOA_Y

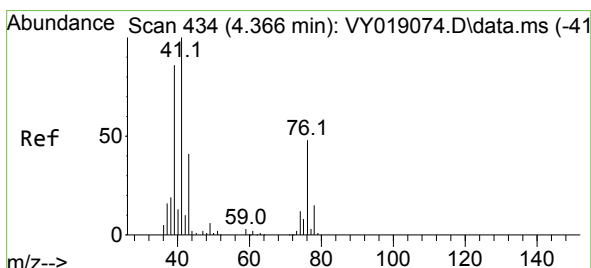
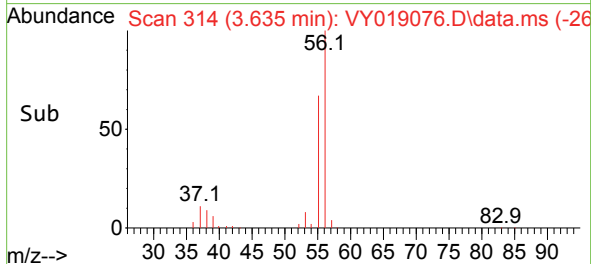
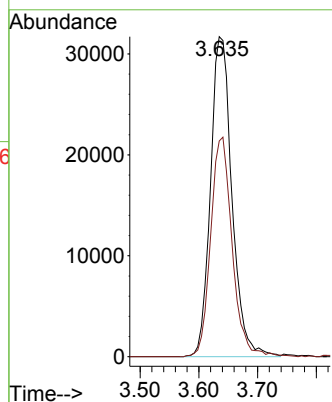
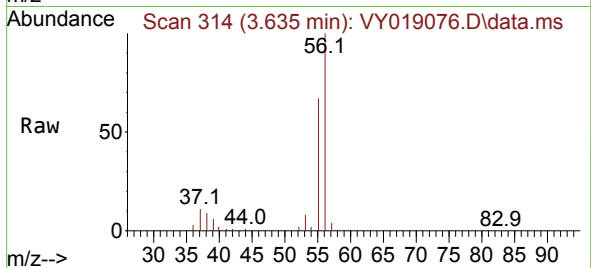
ClientSampleId :

Tgt Ion: 56 Resp: 80464

Ion Ratio Lower Upper

56 100

55 68.7 55.7 83.5



#14

Allyl chloride

Concen: 138.577 ug/l

RT: 4.366 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

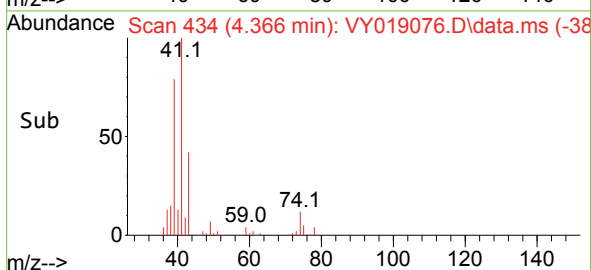
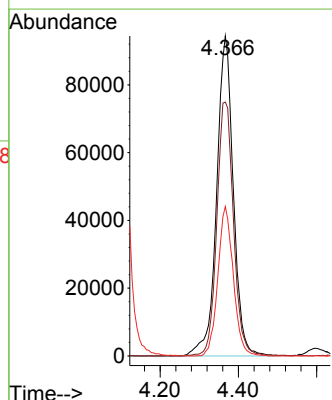
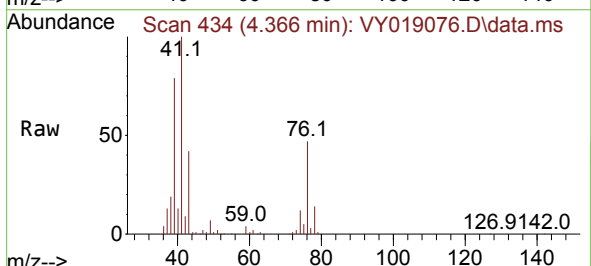
Tgt Ion: 41 Resp: 279902

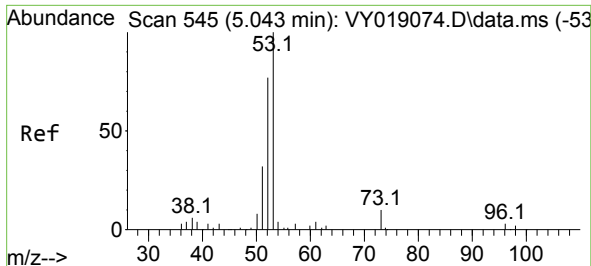
Ion Ratio Lower Upper

41 100

39 79.3 58.3 87.5

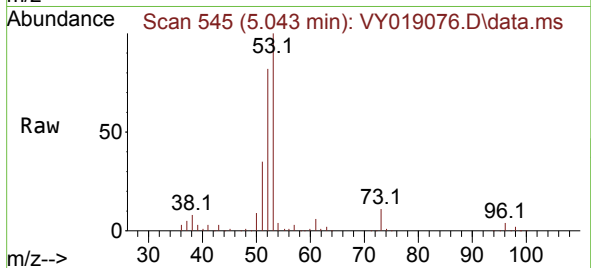
76 43.2 39.0 58.6



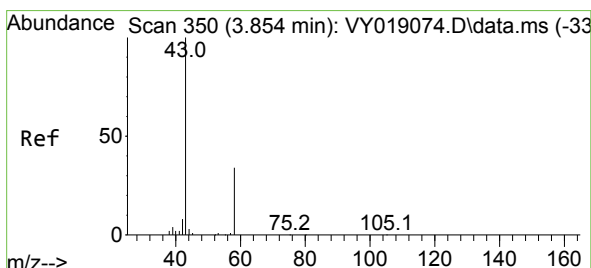
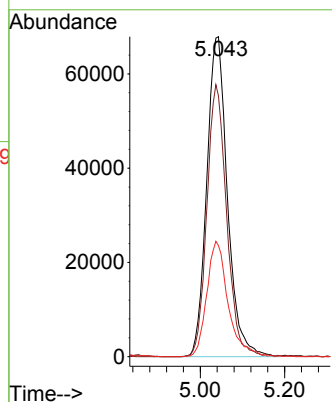
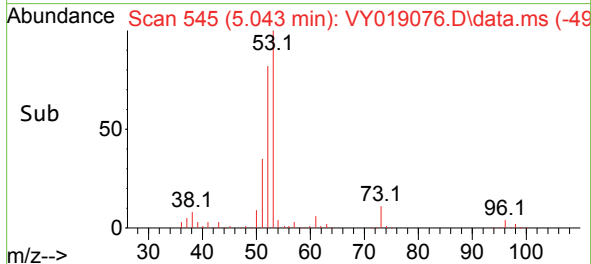


#15
Acrylonitrile
Concen: 698.766 ug/l
RT: 5.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

Instrument :
MSVOA_Y
ClientSampleId :

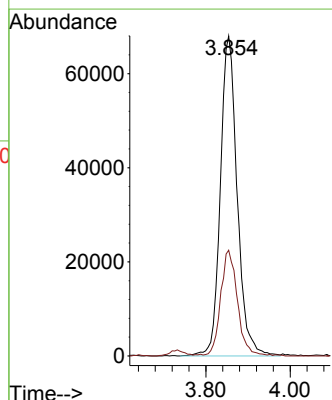
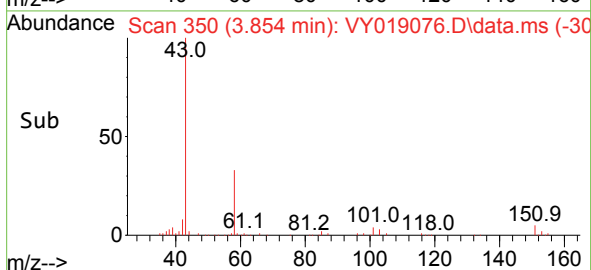
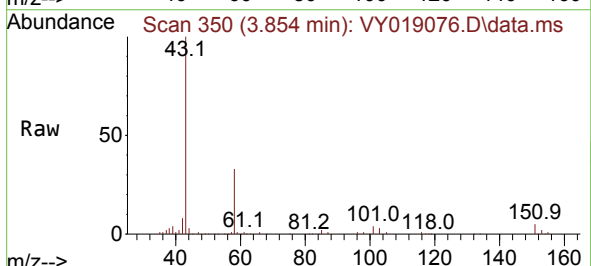


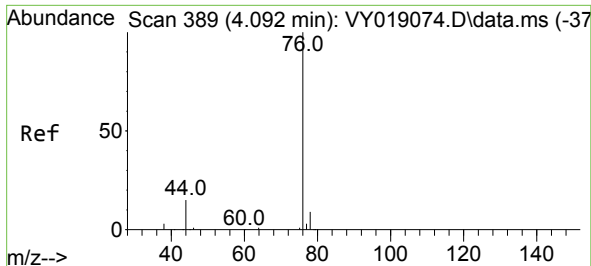
Tgt Ion: 53 Resp: 232128
Ion Ratio Lower Upper
53 100
52 81.0 64.7 97.1
51 37.1 28.4 42.6



#16
Acetone
Concen: 662.362 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

Tgt Ion: 43 Resp: 187534
Ion Ratio Lower Upper
43 100
58 32.8 31.7 47.5

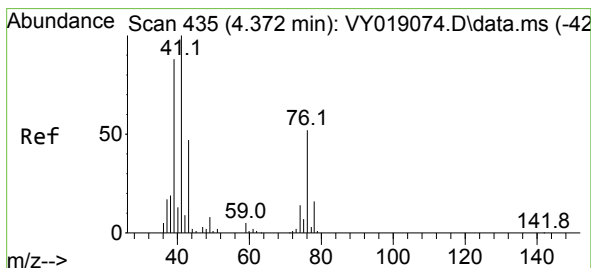
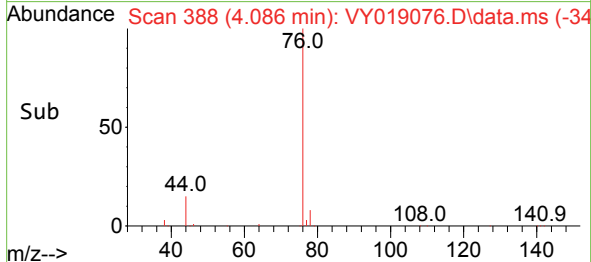
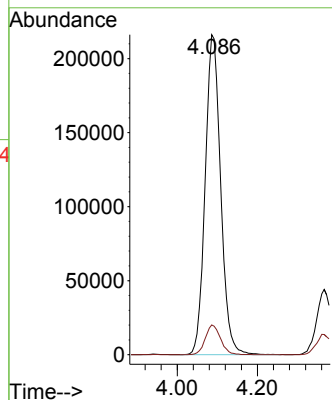
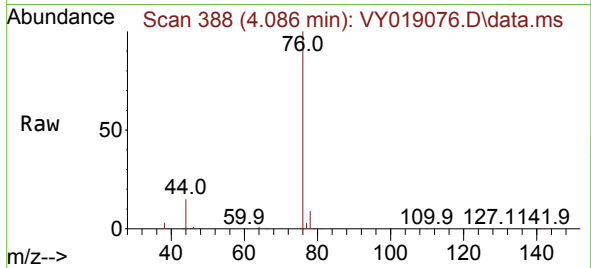




#17
Carbon Disulfide
Concen: 135.124 ug/l
RT: 4.086 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

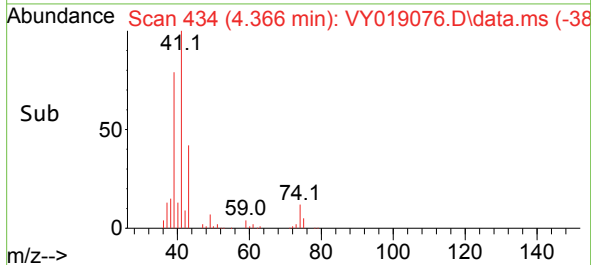
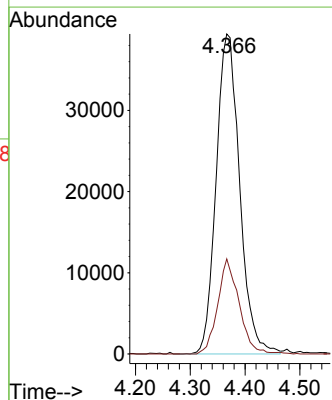
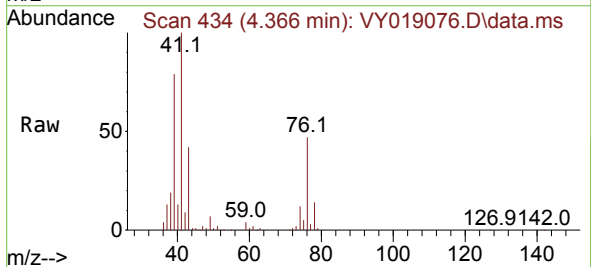
Instrument :
MSVOA_Y
ClientSampleId :

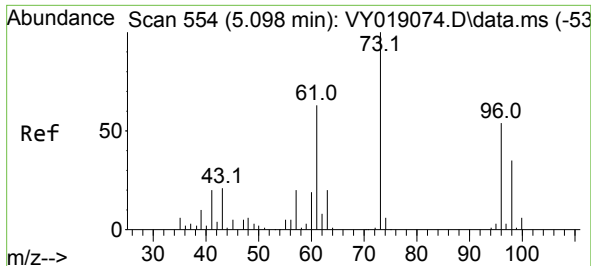
Tgt Ion: 76 Resp: 579000
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 135.203 ug/l
RT: 4.366 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

Tgt Ion: 43 Resp: 117485
Ion Ratio Lower Upper
43 100
74 27.1 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 145.216 ug/l

RT: 5.104 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Instrument :

MSVOA_Y

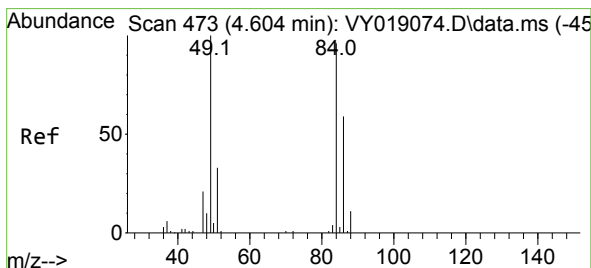
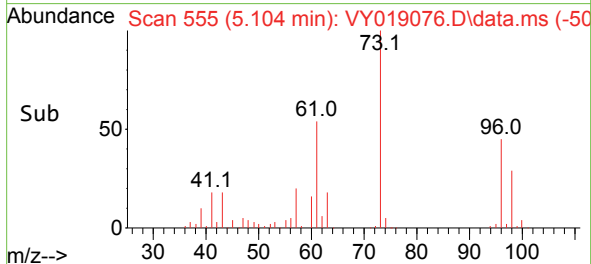
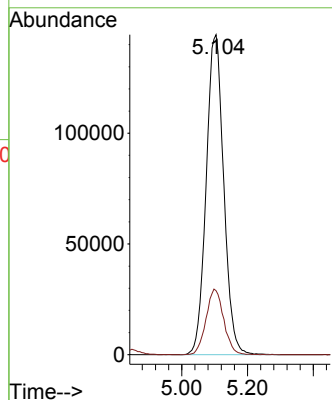
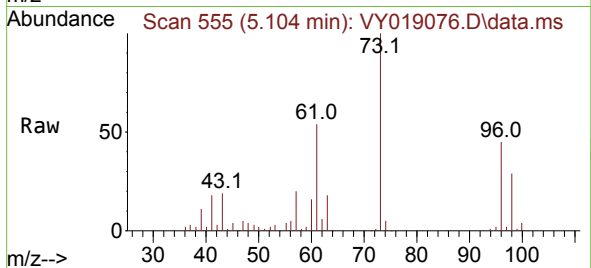
ClientSampleId :

Tgt Ion: 73 Resp: 534853

Ion Ratio Lower Upper

73 100

57 20.0 17.3 25.9



#20

Methylene Chloride

Concen: 147.221 ug/l

RT: 4.598 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Tgt Ion: 84 Resp: 223901

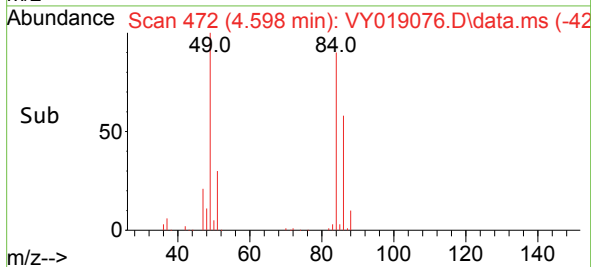
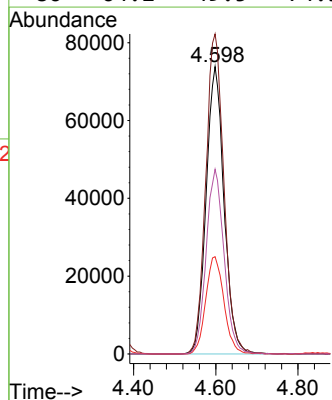
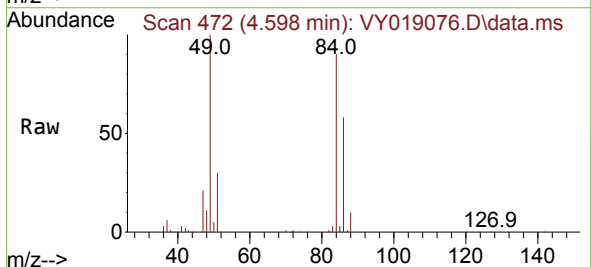
Ion Ratio Lower Upper

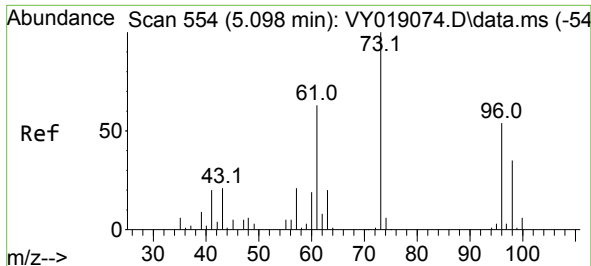
84 100

49 111.4 84.4 126.6

51 33.8 26.0 39.0

86 64.2 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 134.329 ug/l

RT: 5.092 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Instrument :

MSVOA_Y

ClientSampleId :

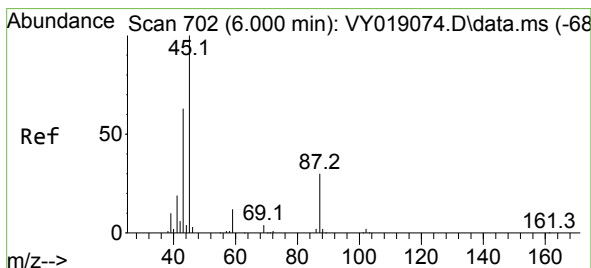
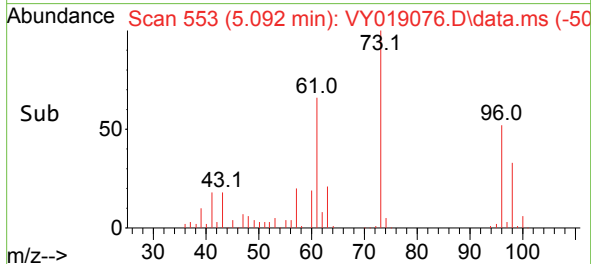
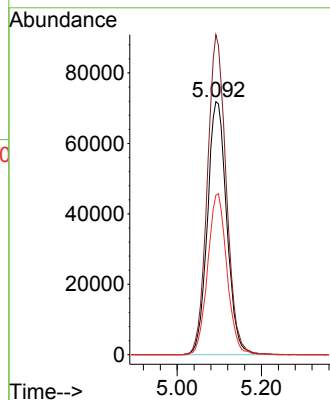
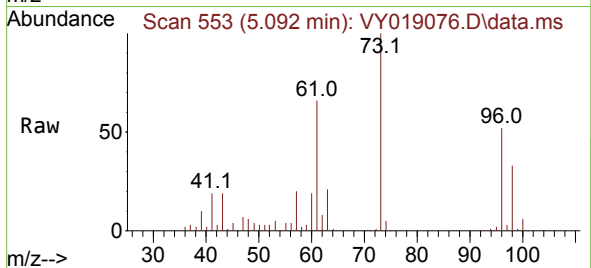
Tgt Ion: 96 Resp: 227992

Ion Ratio Lower Upper

96 100

61 126.5 97.5 146.3

98 63.0 50.5 75.7



#22

Diisopropyl ether

Concen: 139.078 ug/l

RT: 6.006 min Scan# 703

Delta R.T. 0.006 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Tgt Ion: 45 Resp: 643082

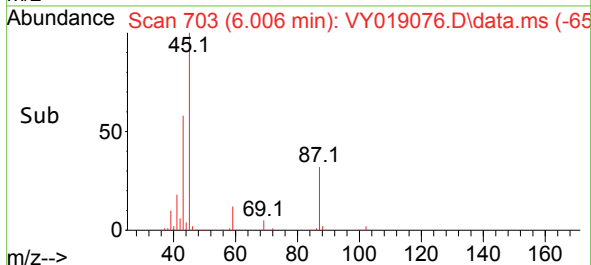
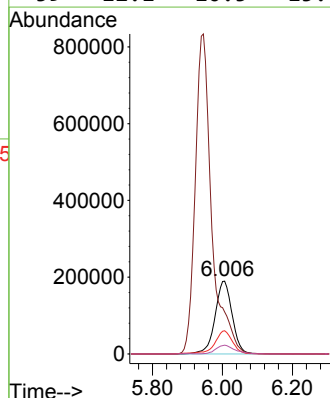
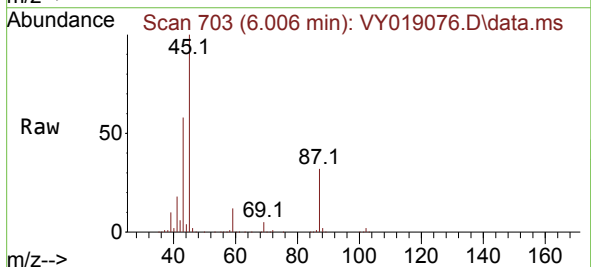
Ion Ratio Lower Upper

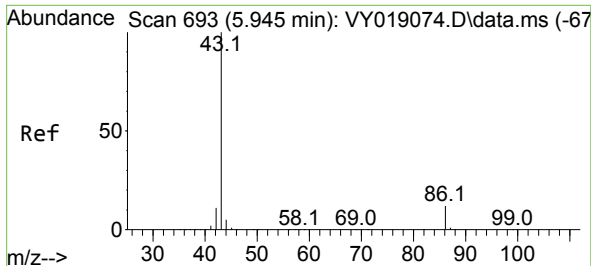
45 100

43 57.5 42.2 63.2

87 31.8 25.0 37.6

59 12.1 10.5 15.7

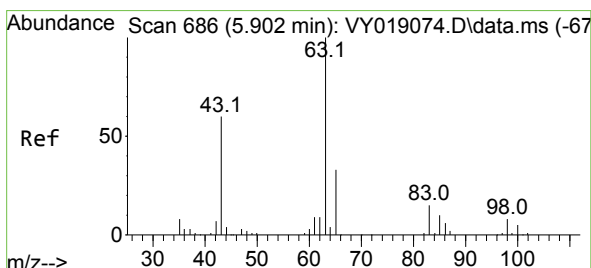
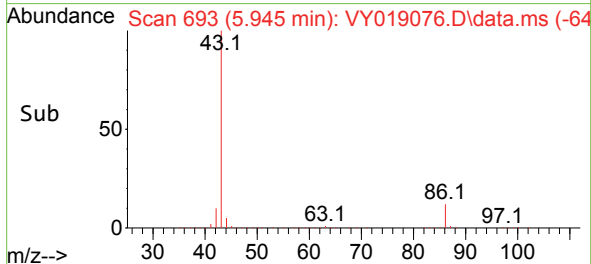
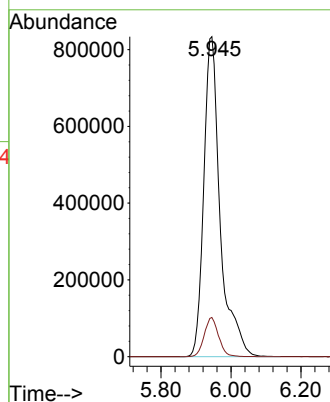
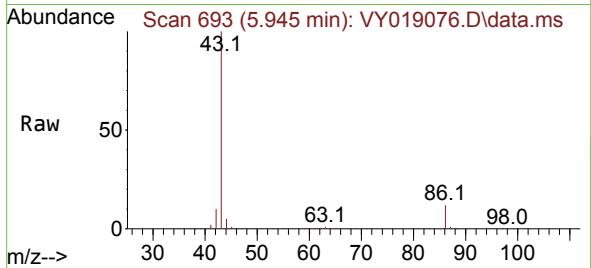




#23
 Vinyl Acetate
 Concen: 741.086 ug/l
 RT: 5.945 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY019076.D
 Acq: 15 Aug 2024 19:50

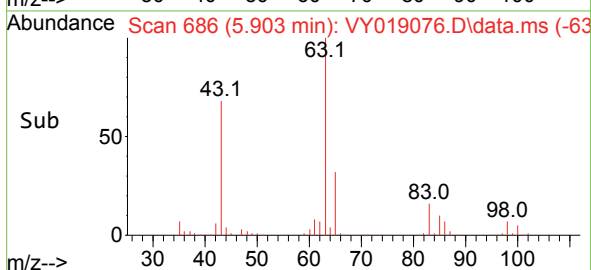
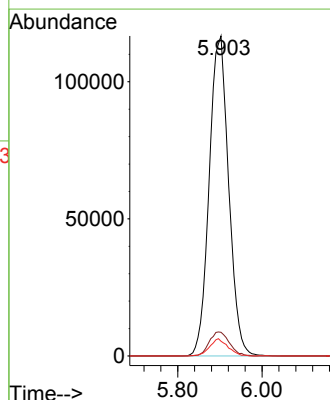
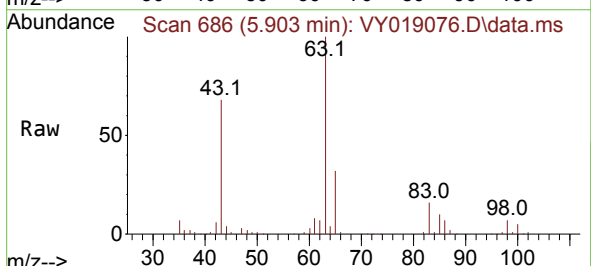
Instrument :
 MSVOA_Y
 ClientSampleId :

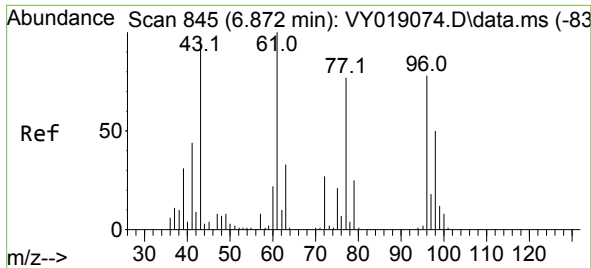
Tgt Ion: 43 Resp: 2712972
 Ion Ratio Lower Upper
 43 100
 86 12.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 132.338 ug/l
 RT: 5.903 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY019076.D
 Acq: 15 Aug 2024 19:50

Tgt Ion: 63 Resp: 374219
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.0 12.2
 100 4.6 2.6 8.0

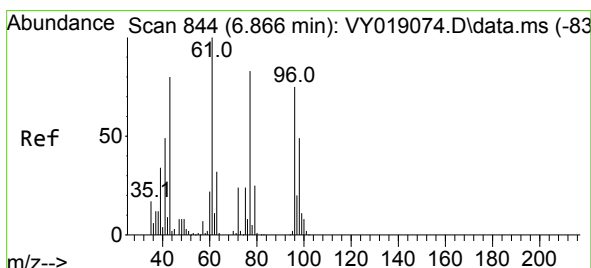
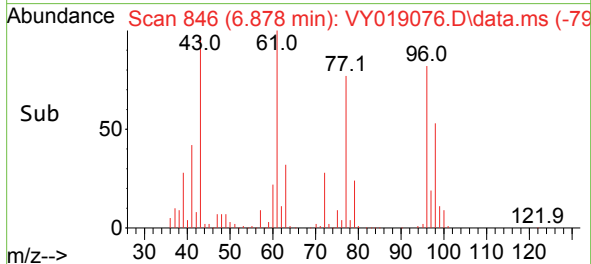
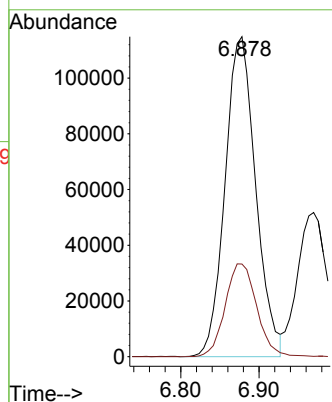
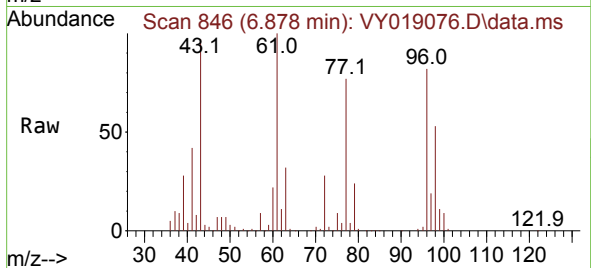




#25
2-Butanone
Concen: 684.937 ug/l
RT: 6.878 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

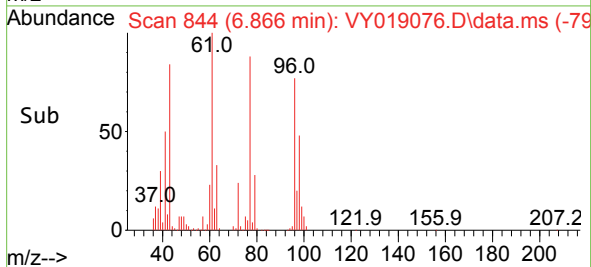
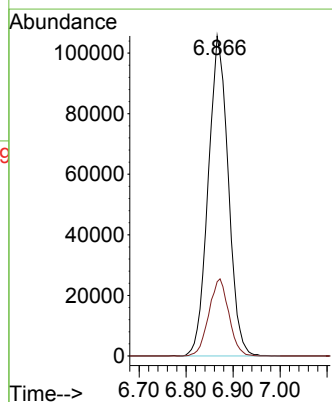
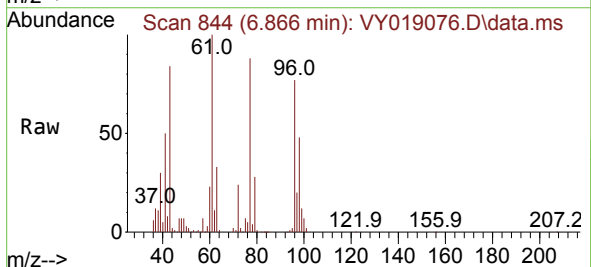
Instrument :
MSVOA_Y
ClientSampleId :

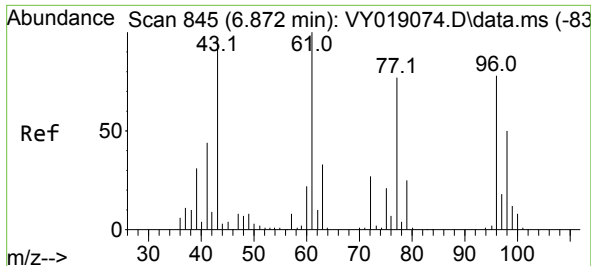
Tgt Ion: 43 Resp: 312311
Ion Ratio Lower Upper
43 100
72 29.0 27.3 40.9



#26
2,2-Dichloropropane
Concen: 136.457 ug/l
RT: 6.866 min Scan# 844
Delta R.T. 0.000 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

Tgt Ion: 77 Resp: 312468
Ion Ratio Lower Upper
77 100
97 24.1 12.0 36.1



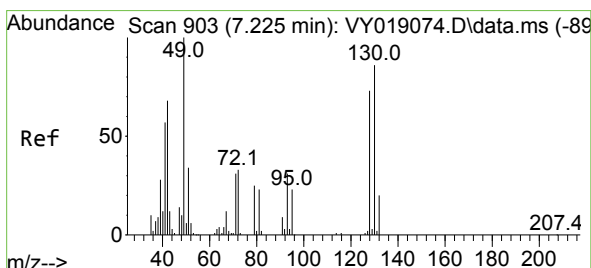
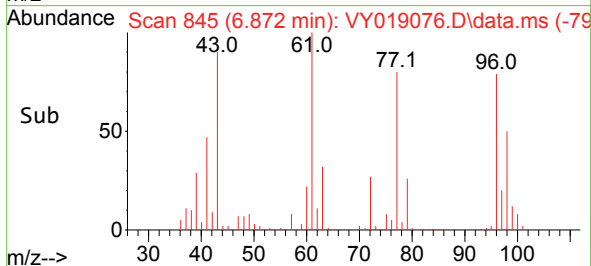
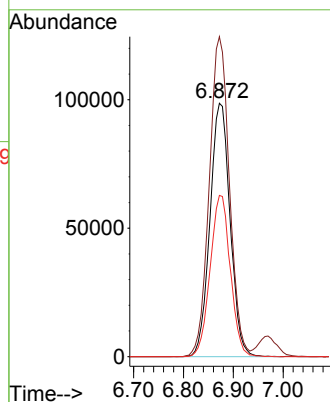
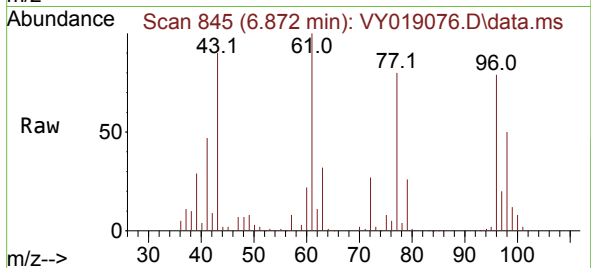


#27
 cis-1,2-Dichloroethene
 Concen: 138.321 ug/l
 RT: 6.872 min Scan# 845
 Delta R.T. 0.000 min
 Lab File: VY019076.D
 Acq: 15 Aug 2024 19:50

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 96 Resp: 276283

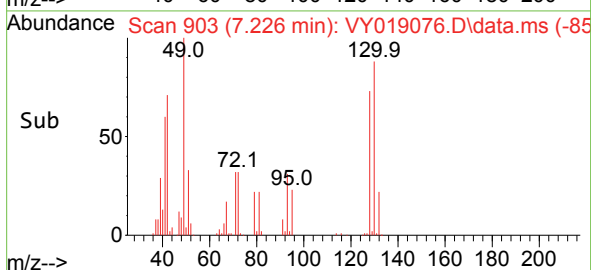
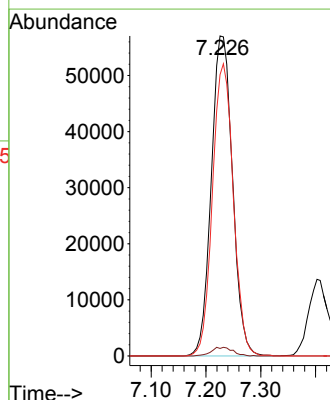
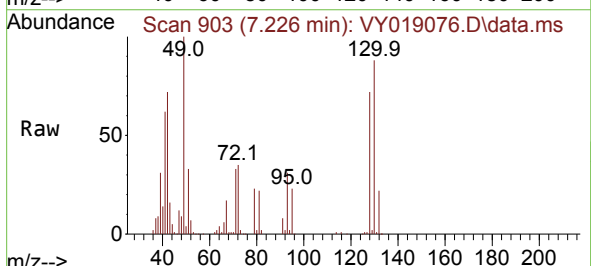
Ion	Ratio	Lower	Upper
96	100		
61	126.5	0.0	256.2
98	63.8	0.0	130.0

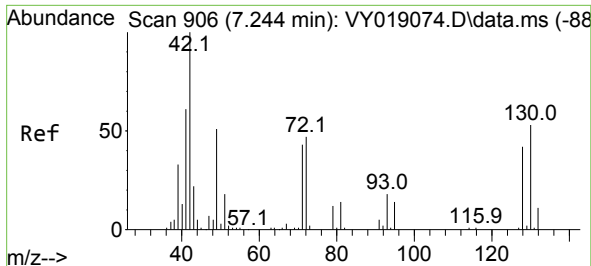


#28
 Bromochloromethane
 Concen: 129.242 ug/l
 RT: 7.226 min Scan# 903
 Delta R.T. 0.000 min
 Lab File: VY019076.D
 Acq: 15 Aug 2024 19:50

Tgt Ion: 49 Resp: 153305

Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	4.6
130	89.7	72.7	109.1





#29

Tetrahydrofuran

Concen: 691.822 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Instrument :

MSVOA_Y

ClientSampleId :

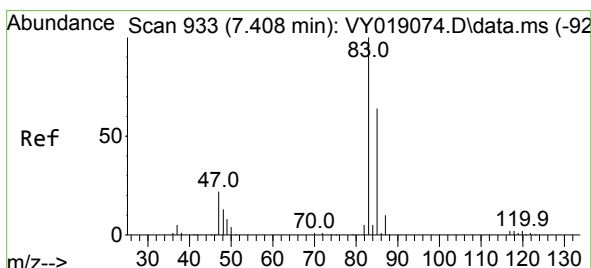
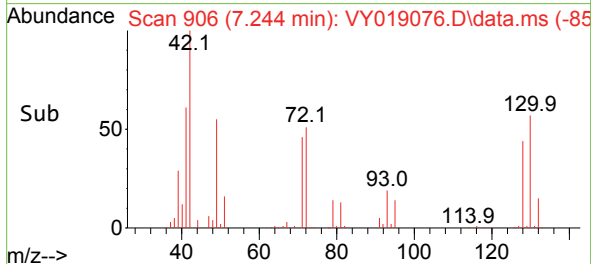
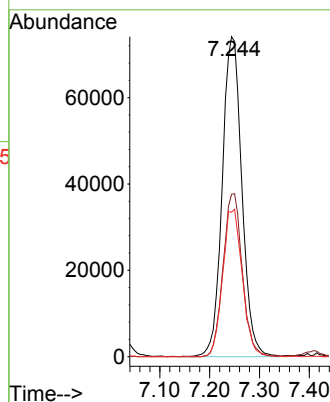
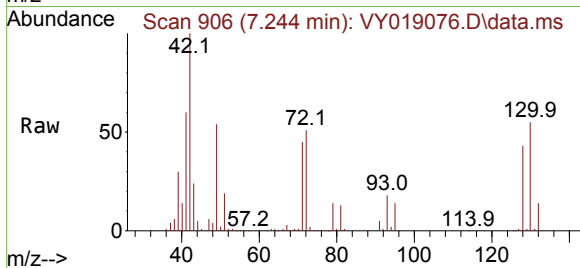
Tgt Ion: 42 Resp: 202780

Ion Ratio Lower Upper

42 100

72 49.8 43.0 64.4

71 46.2 40.8 61.2



#30

Chloroform

Concen: 134.968 ug/l

RT: 7.402 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY019076.D

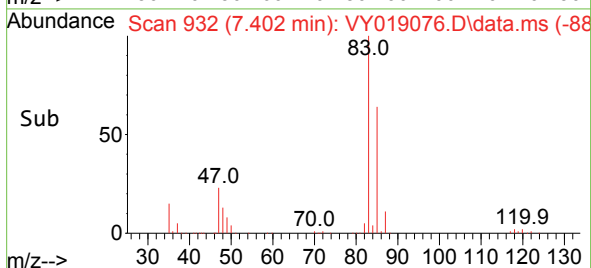
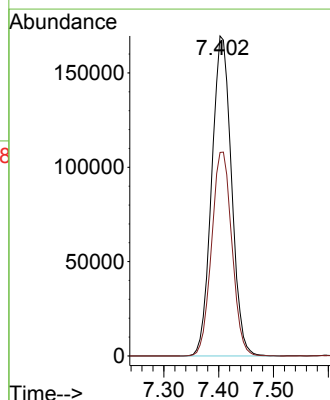
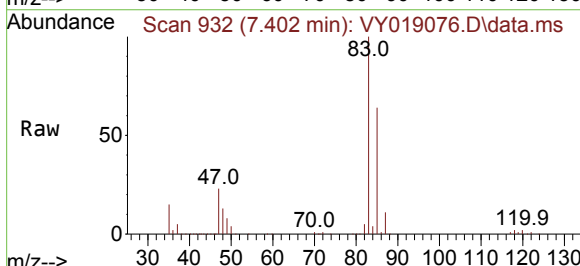
Acq: 15 Aug 2024 19:50

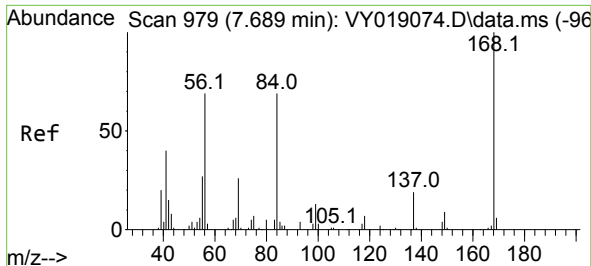
Tgt Ion: 83 Resp: 425274

Ion Ratio Lower Upper

83 100

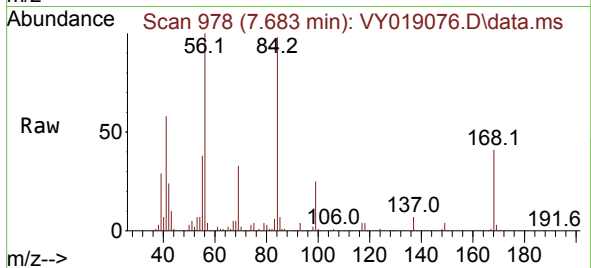
85 63.6 52.2 78.4



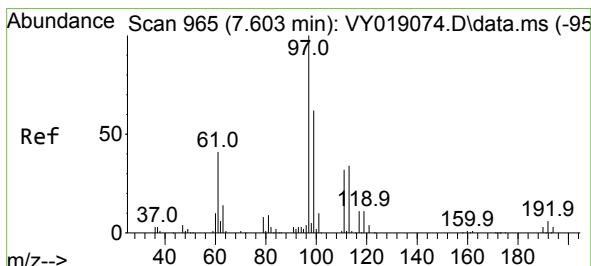
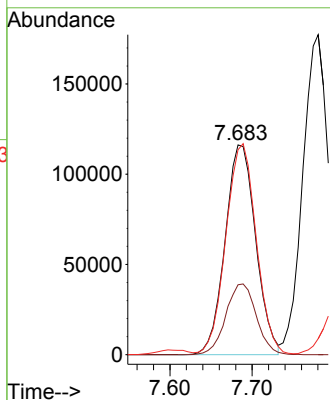
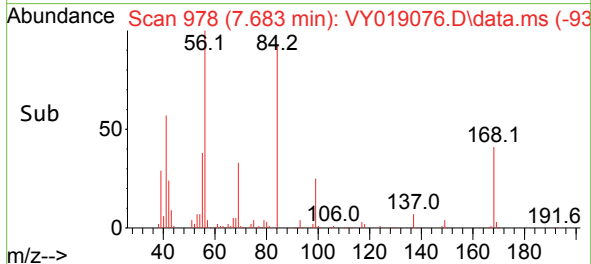


#31
Cyclohexane
Concen: 146.017 ug/l
RT: 7.683 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

Instrument :
MSVOA_Y
ClientSampleId :

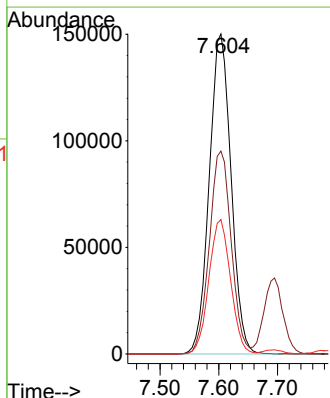
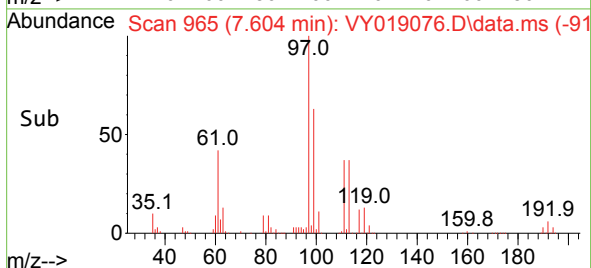
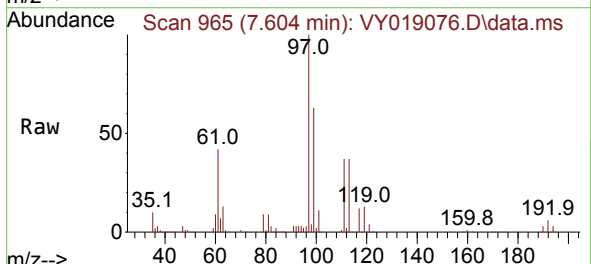


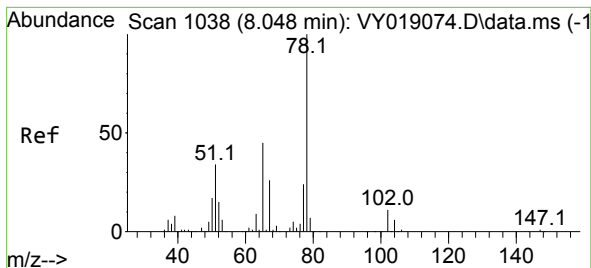
Tgt Ion: 56 Resp: 300928
Ion Ratio Lower Upper
56 100
69 33.4 28.7 43.1
84 95.7 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 139.882 ug/l
RT: 7.604 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

Tgt Ion: 97 Resp: 387346
Ion Ratio Lower Upper
97 100
99 63.7 50.3 75.5
61 41.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 132.675 ug/l

RT: 8.049 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Instrument :

MSVOA_Y

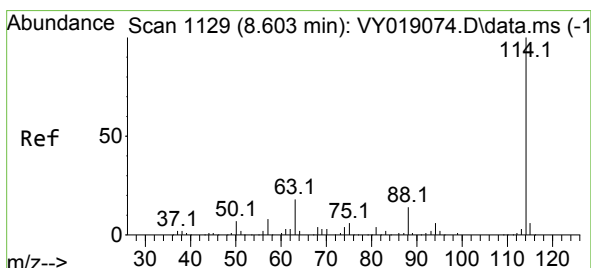
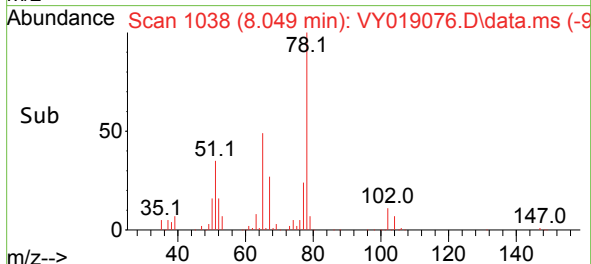
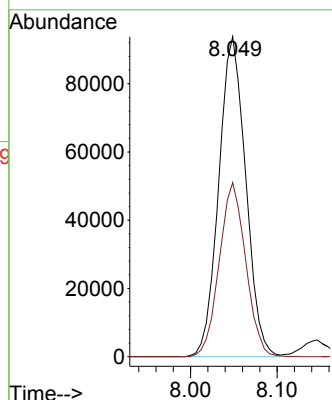
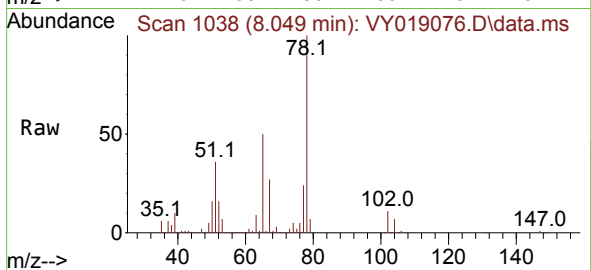
ClientSampleId :

Tgt Ion: 65 Resp: 202554

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

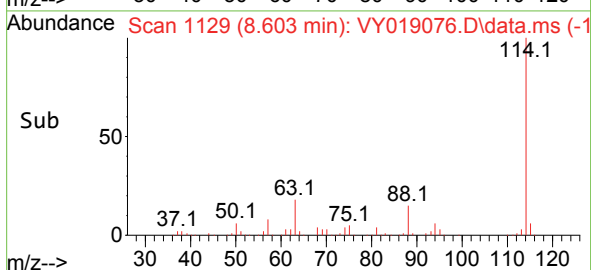
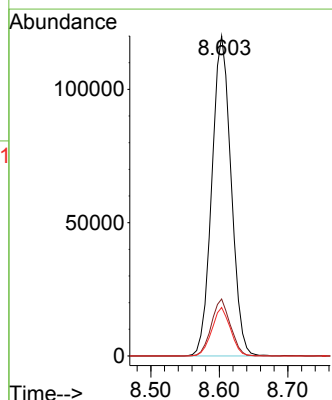
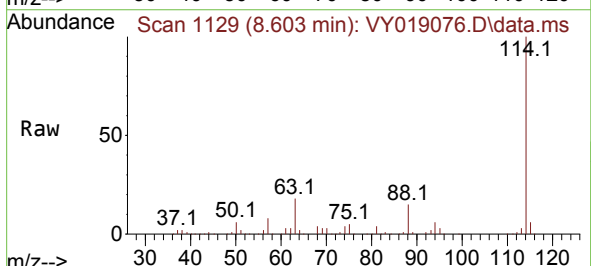
Tgt Ion: 114 Resp: 233756

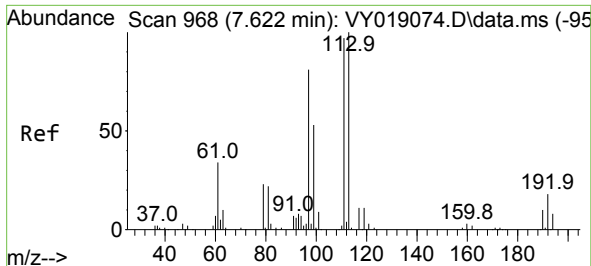
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 15.2 0.0 27.2

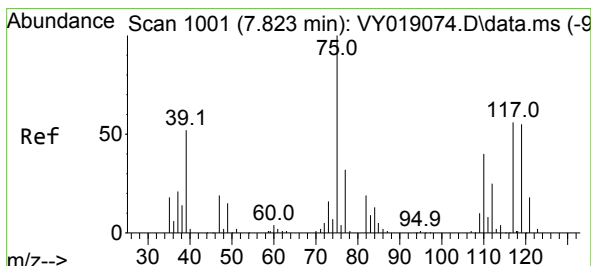
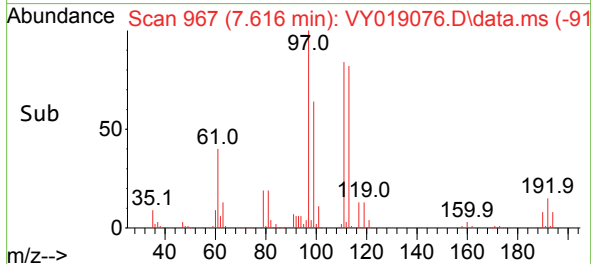
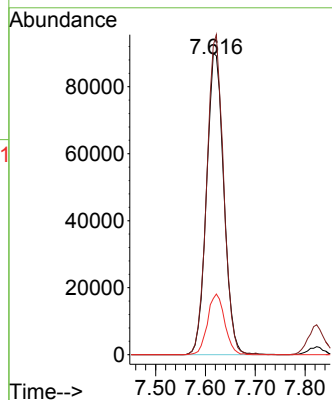
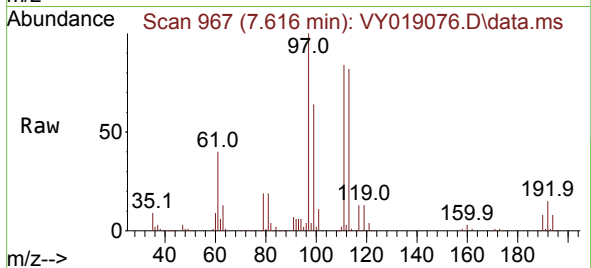




#35
Dibromofluoromethane
Concen: 142.256 ug/l
RT: 7.616 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

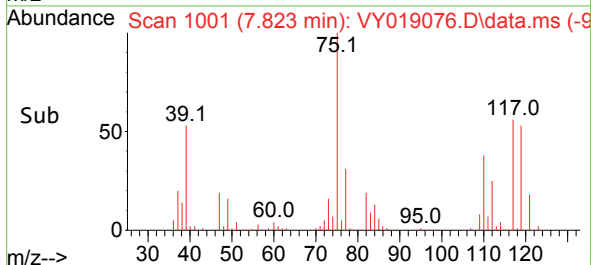
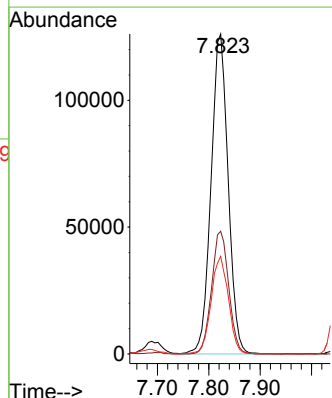
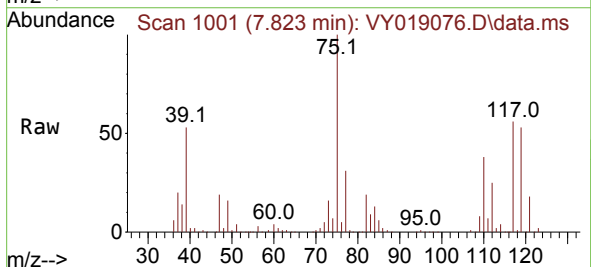
Instrument :
MSVOA_Y
ClientSampleId :

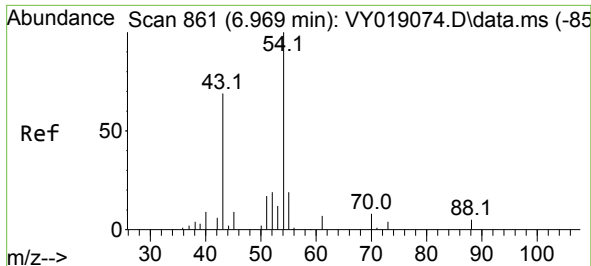
Tgt Ion:113 Resp: 217429
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 19.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 138.903 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

Tgt Ion: 75 Resp: 291531
Ion Ratio Lower Upper
75 100
110 38.4 19.0 57.0
77 30.9 25.3 37.9





#37

Ethyl Acetate

Concen: 153.172 ug/l

RT: 6.970 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Instrument :

MSVOA_Y

ClientSampleId :

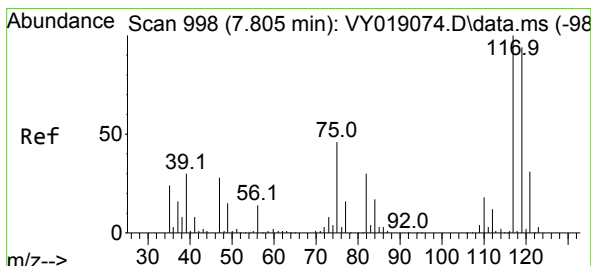
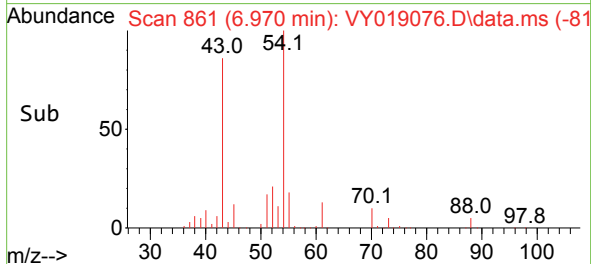
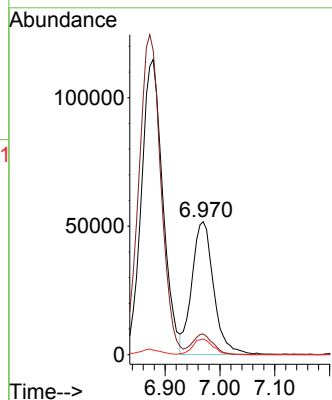
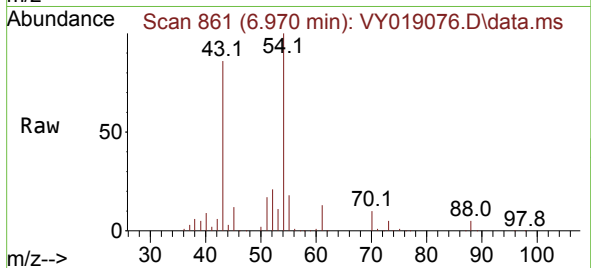
Tgt Ion: 43 Resp: 142431

Ion Ratio Lower Upper

43 100

61 15.0 12.6 19.0

70 11.1 7.8 11.8



#38

Carbon Tetrachloride

Concen: 144.677 ug/l

RT: 7.805 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

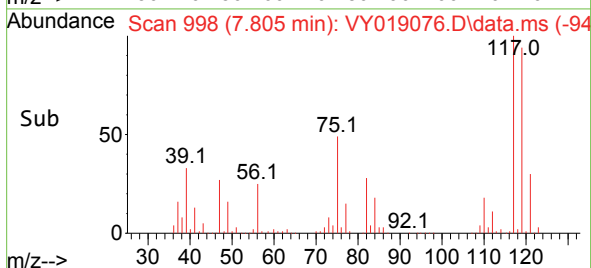
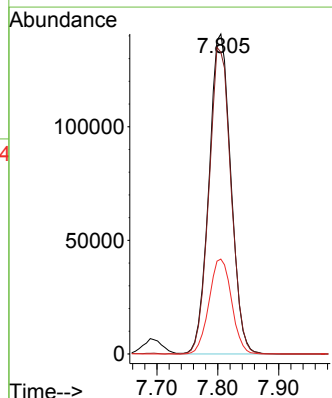
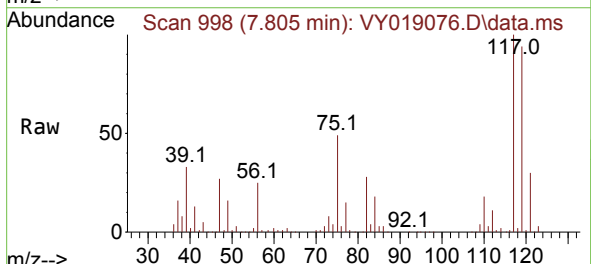
Tgt Ion:117 Resp: 351898

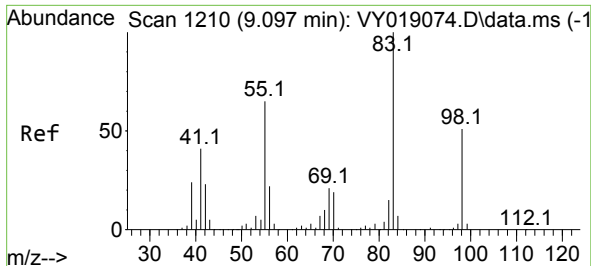
Ion Ratio Lower Upper

117 100

119 94.3 75.8 113.6

121 29.6 24.0 36.0

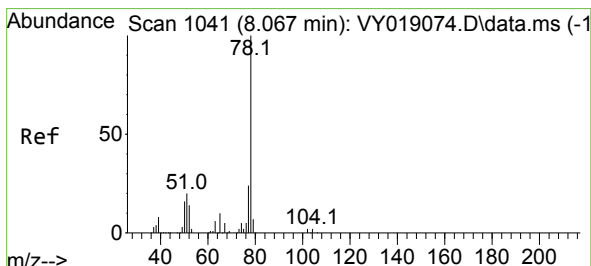
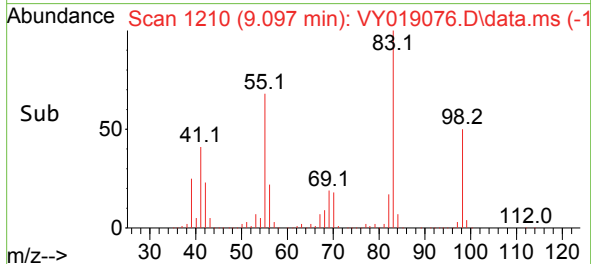
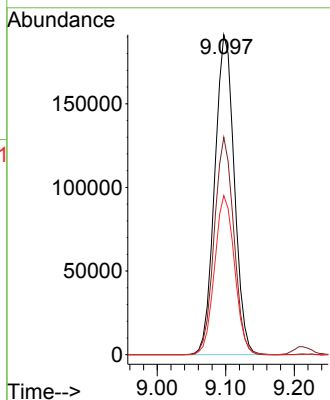
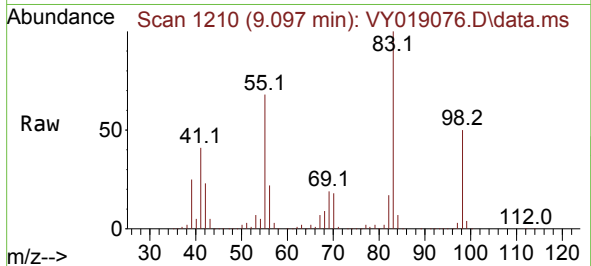




#39
Methylcyclohexane
Concen: 140.620 ug/l
RT: 9.097 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

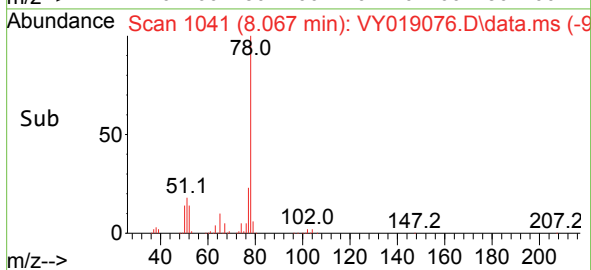
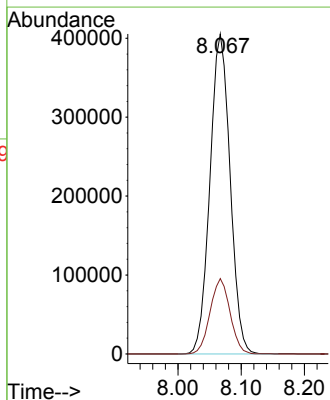
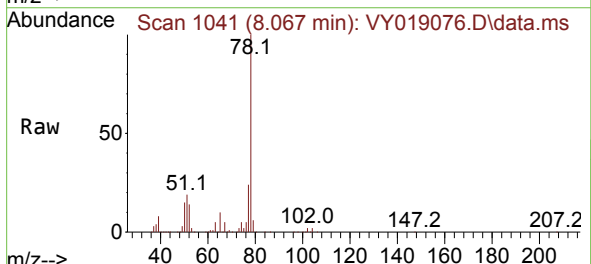
Instrument :
MSVOA_Y
ClientSampleId :

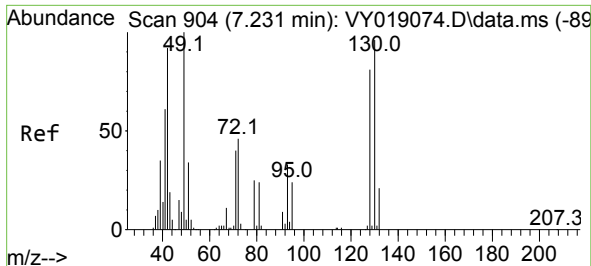
Tgt Ion: 83 Resp: 378742
Ion Ratio Lower Upper
83 100
55 68.0 51.5 77.3
98 49.7 40.5 60.7



#40
Benzene
Concen: 139.195 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

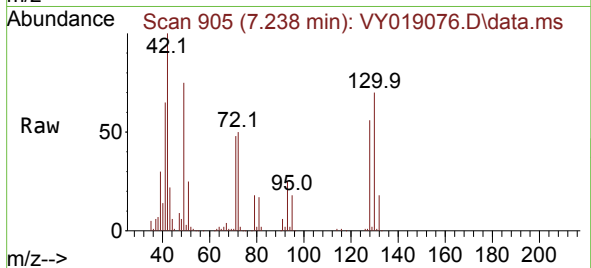
Tgt Ion: 78 Resp: 895989
Ion Ratio Lower Upper
78 100
77 23.5 19.5 29.3



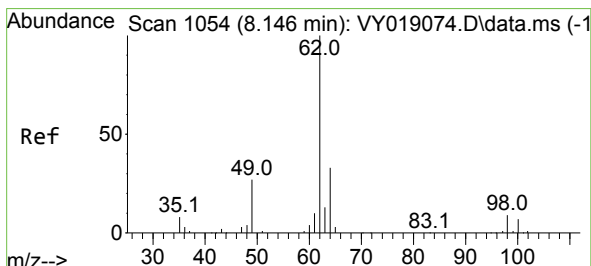
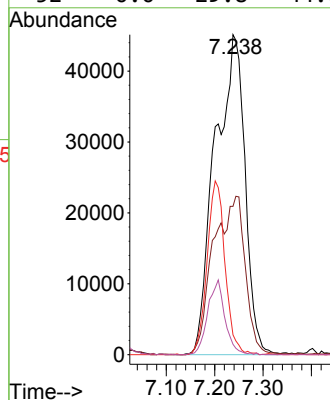
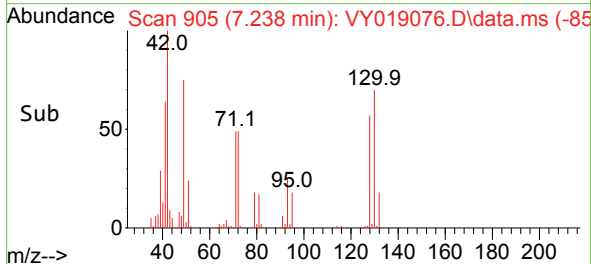


#41
Methacrylonitrile
Concen: 401.759 ug/l
RT: 7.238 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

Instrument :
MSVOA_Y
ClientSampleId :

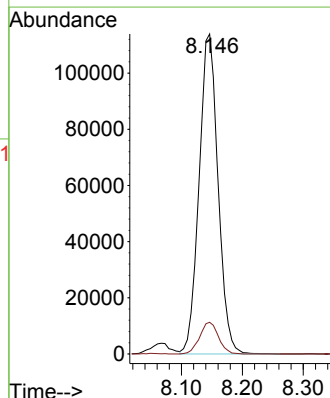
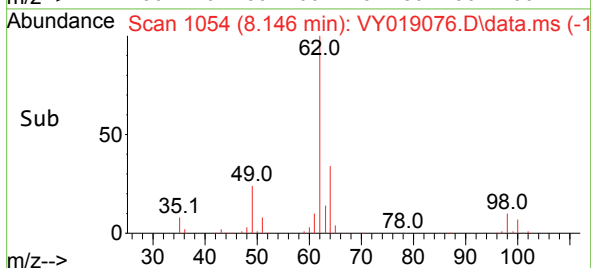
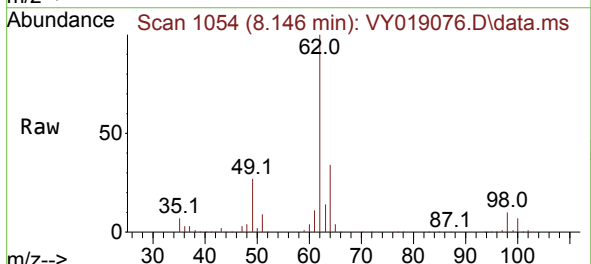


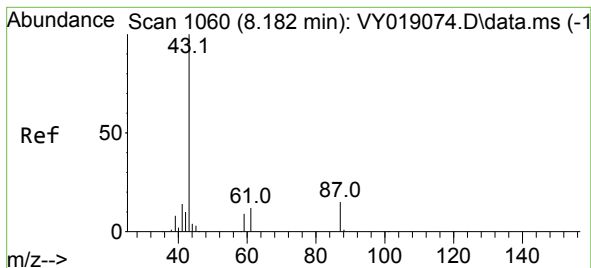
Tgt Ion: 41 Resp: 193171
Ion Ratio Lower Upper
41 100
39 26.4 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 141.697 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

Tgt Ion: 62 Resp: 246305
Ion Ratio Lower Upper
62 100
98 9.8 0.0 22.0





#43

Isopropyl Acetate

Concen: 147.823 ug/l

RT: 8.183 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Instrument :

MSVOA_Y

ClientSampleId :

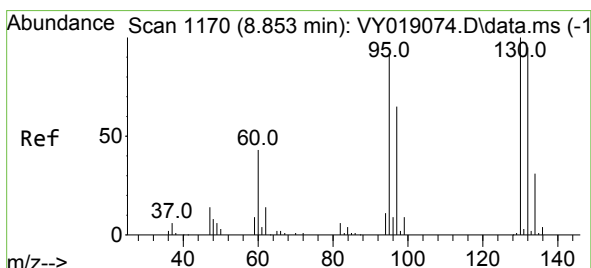
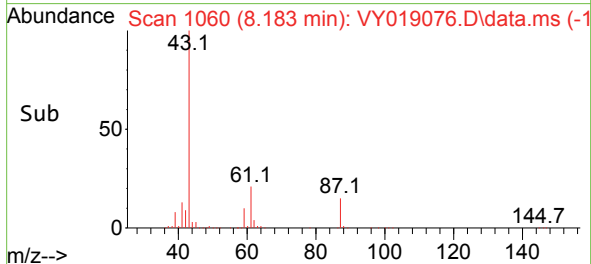
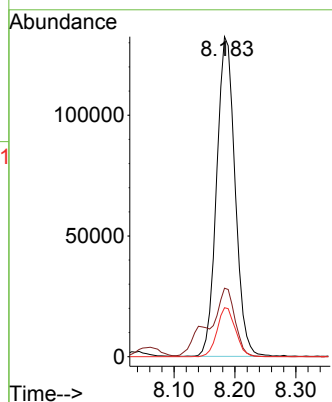
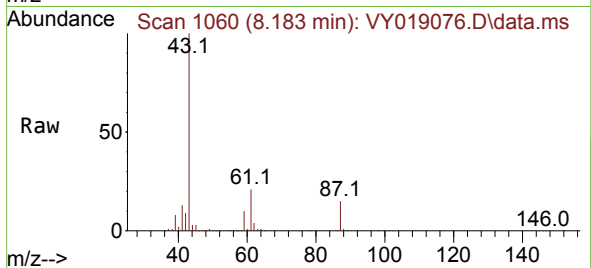
Tgt Ion: 43 Resp: 277992

Ion Ratio Lower Upper

43 100

61 21.3 27.9 41.9#

87 15.3 13.1 19.7



#44

Trichloroethene

Concen: 137.120 ug/l

RT: 8.853 min Scan# 1170

Delta R.T. 0.000 min

Lab File: VY019076.D

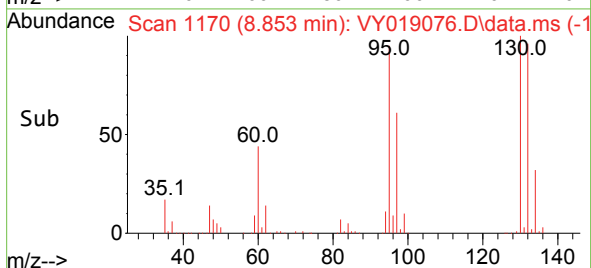
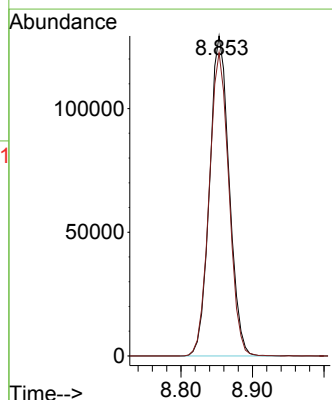
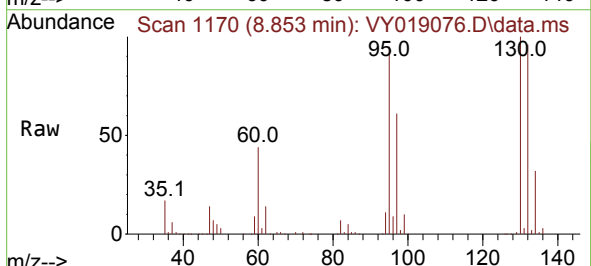
Acq: 15 Aug 2024 19:50

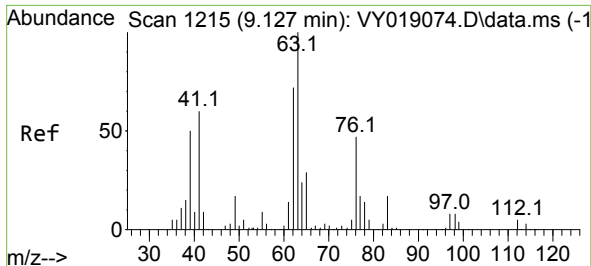
Tgt Ion:130 Resp: 246280

Ion Ratio Lower Upper

130 100

95 94.8 0.0 188.0

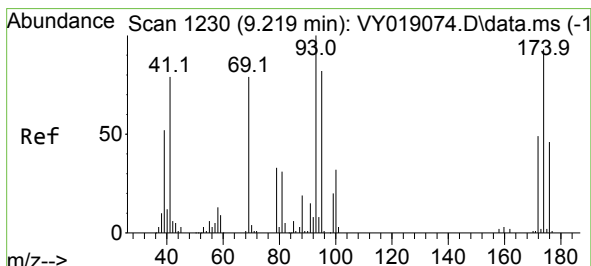
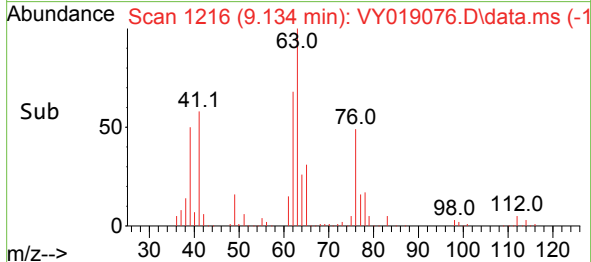
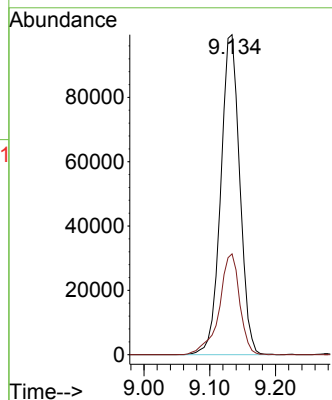
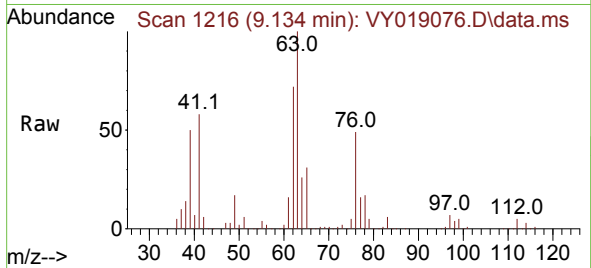




#45
1,2-Dichloropropane
Concen: 139.335 ug/l
RT: 9.134 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

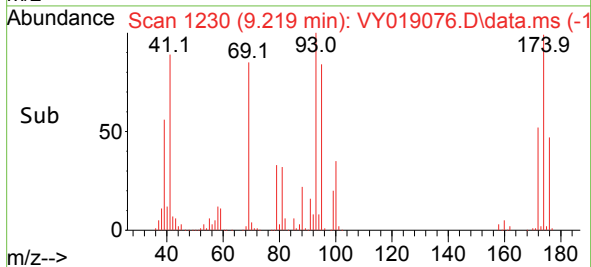
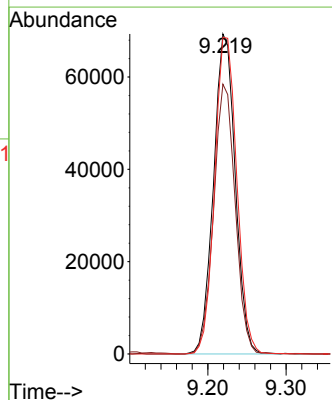
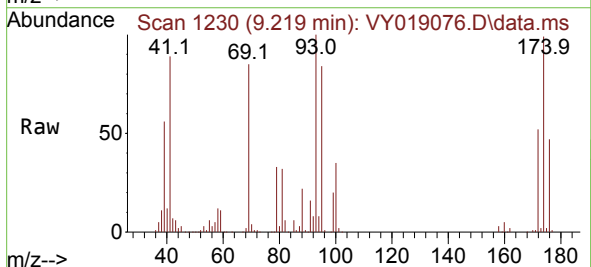
Instrument :
MSVOA_Y
ClientSampleId :

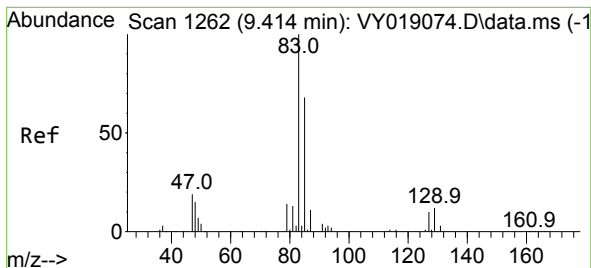
Tgt Ion: 63 Resp: 199830
Ion Ratio Lower Upper
63 100
65 31.5 25.4 38.2



#46
Dibromomethane
Concen: 144.103 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

Tgt Ion: 93 Resp: 134044
Ion Ratio Lower Upper
93 100
95 83.4 66.2 99.4
174 100.6 80.9 121.3





#47

Bromodichloromethane

Concen: 144.307 ug/l

RT: 9.414 min Scan# 1262

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Instrument :

MSVOA_Y

ClientSampleId :

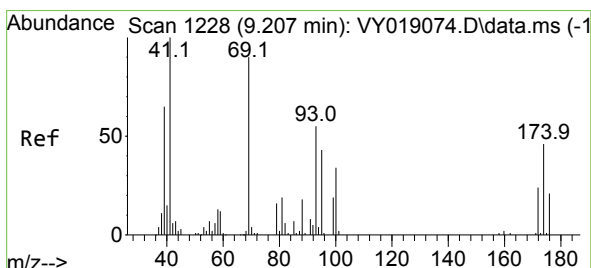
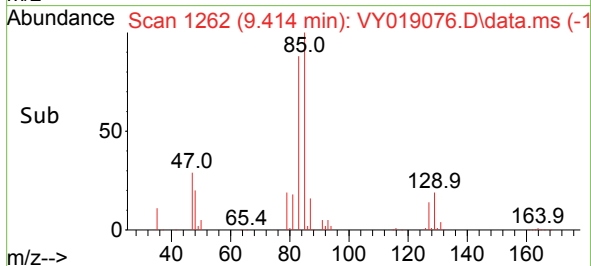
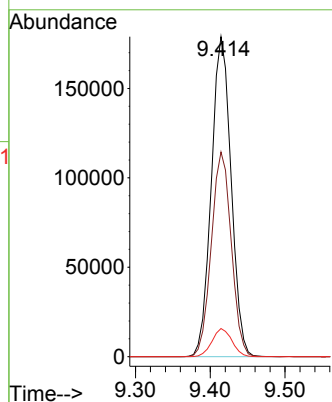
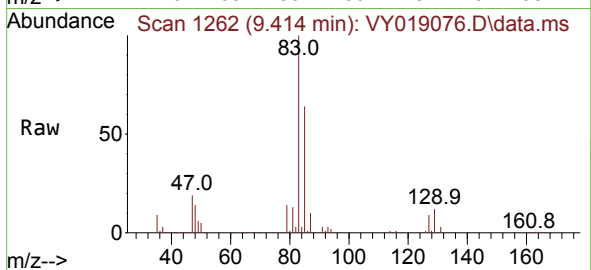
Tgt Ion: 83 Resp: 329329

Ion Ratio Lower Upper

83 100

85 64.0 50.1 75.1

127 8.8 7.4 11.0



#48

Methyl methacrylate

Concen: 158.820 ug/l

RT: 9.213 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

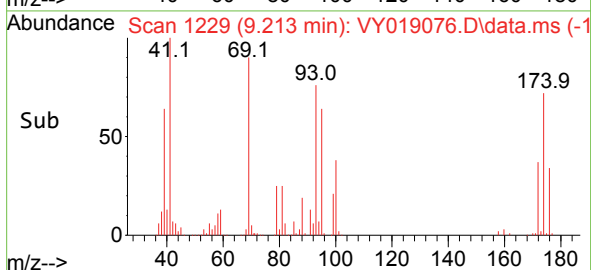
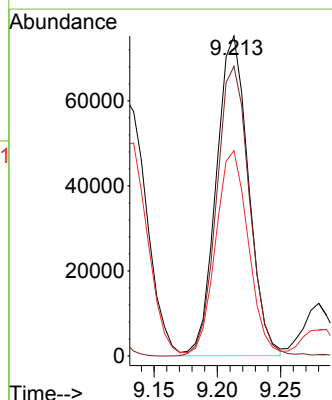
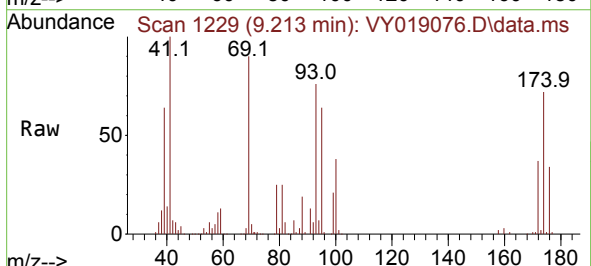
Tgt Ion: 41 Resp: 133108

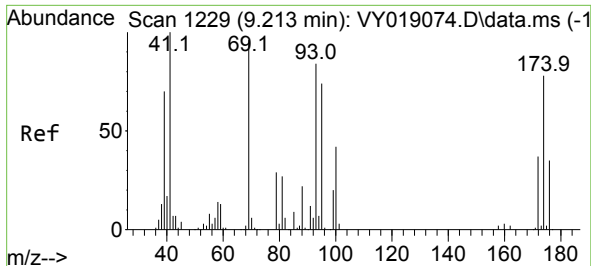
Ion Ratio Lower Upper

41 100

69 92.6 84.1 126.1

39 63.0 43.6 65.4





#49

1,4-Dioxane

Concen: 2934.221 ug/l

RT: 9.219 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Instrument :

MSVOA_Y

ClientSampleId :

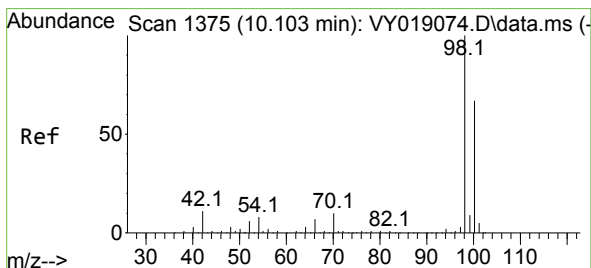
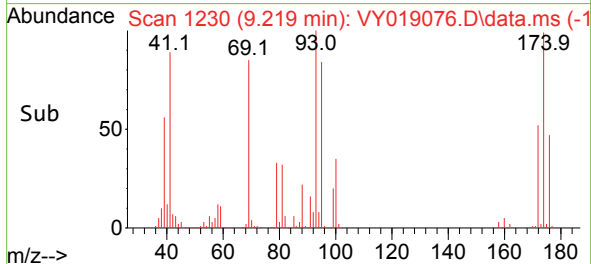
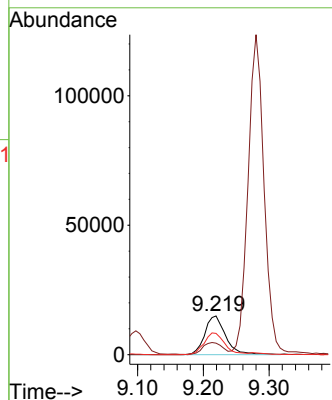
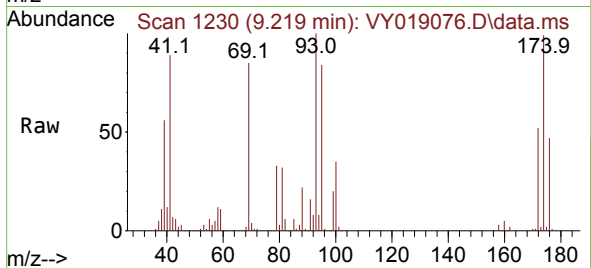
Tgt Ion: 88 Resp: 33063

Ion Ratio Lower Upper

88 100

43 29.7 0.0 0.0#

58 56.0 49.3 73.9



#50

Toluene-d8

Concen: 141.966 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019076.D

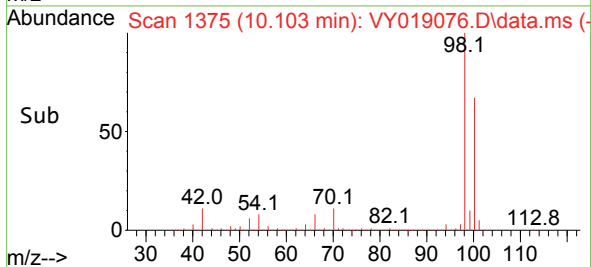
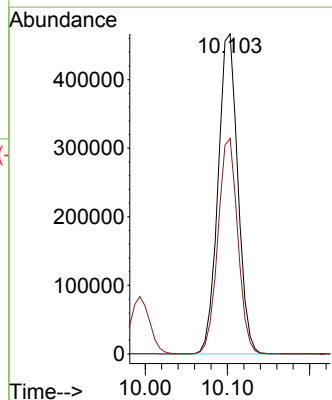
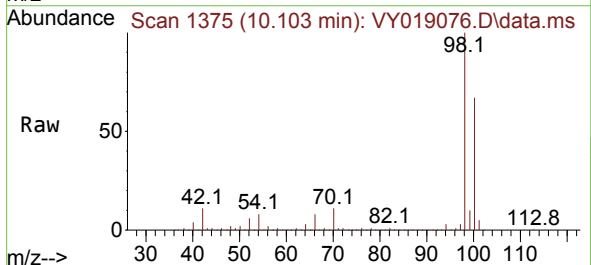
Acq: 15 Aug 2024 19:50

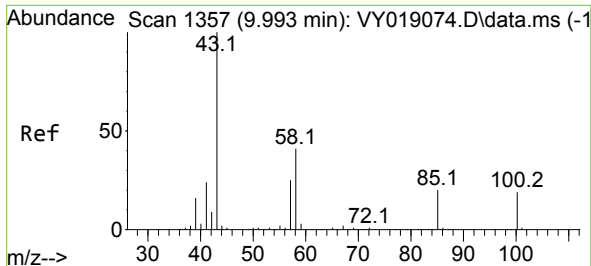
Tgt Ion: 98 Resp: 780856

Ion Ratio Lower Upper

98 100

100 67.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 748.465 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Instrument :

MSVOA_Y

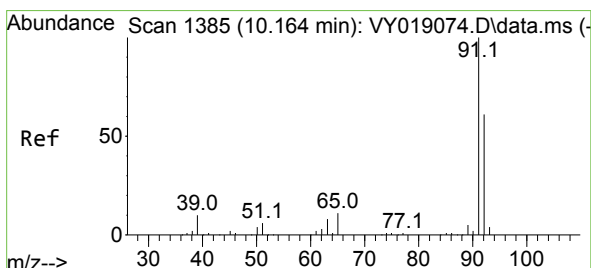
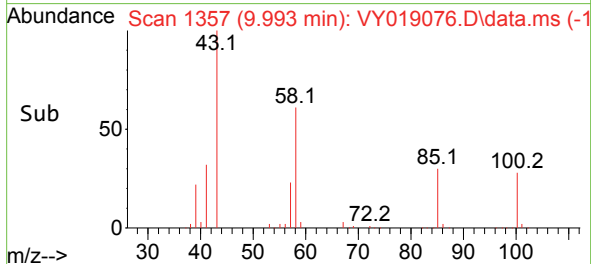
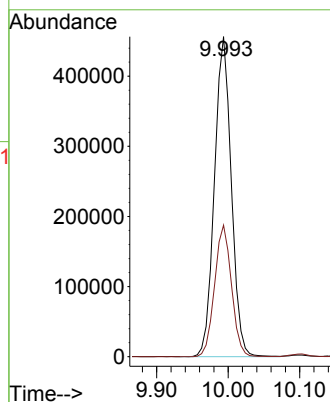
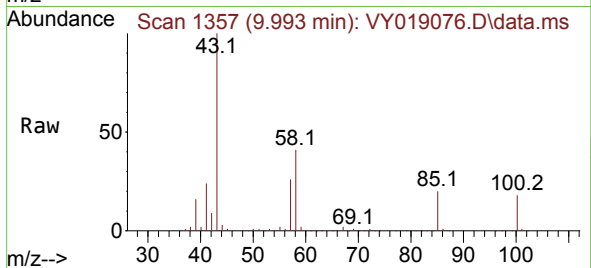
ClientSampleId :

Tgt Ion: 43 Resp: 747067

Ion Ratio Lower Upper

43 100

58 41.1 35.7 53.5



#52

Toluene

Concen: 143.165 ug/l

RT: 10.164 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VY019076.D

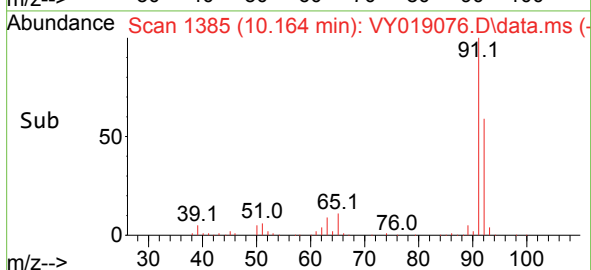
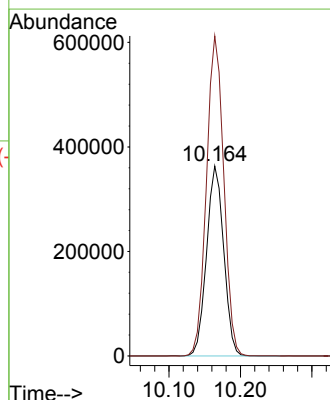
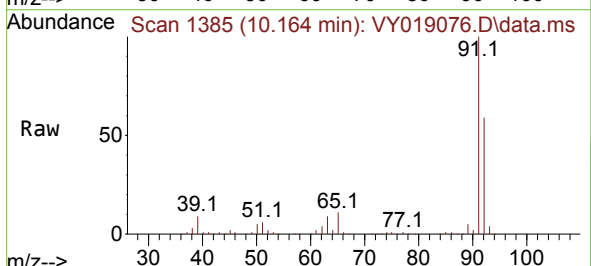
Acq: 15 Aug 2024 19:50

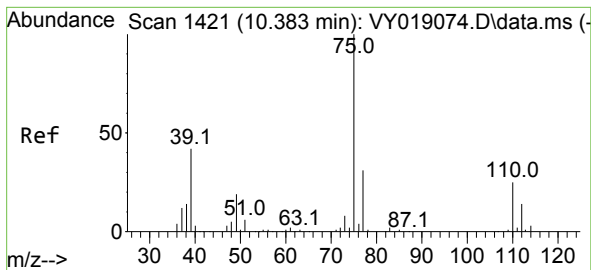
Tgt Ion: 92 Resp: 604923

Ion Ratio Lower Upper

92 100

91 170.1 139.0 208.6

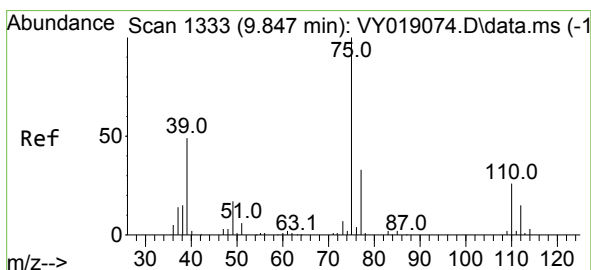
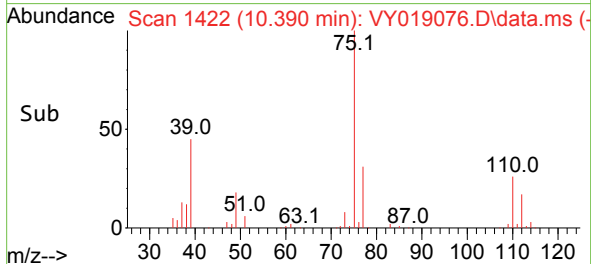
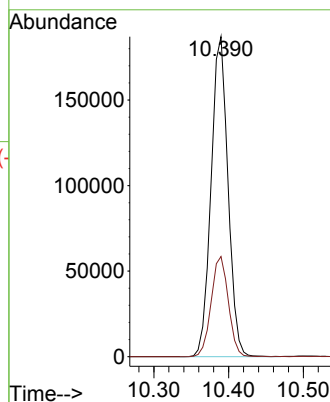
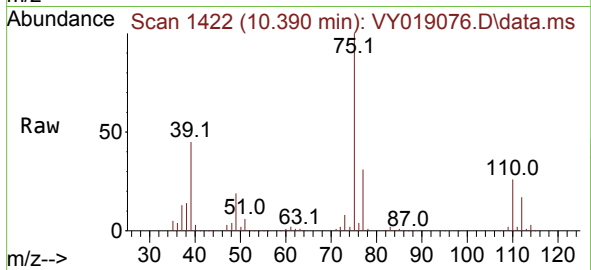




#53
 t-1,3-Dichloropropene
 Concen: 155.494 ug/l
 RT: 10.390 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VY019076.D
 Acq: 15 Aug 2024 19:50

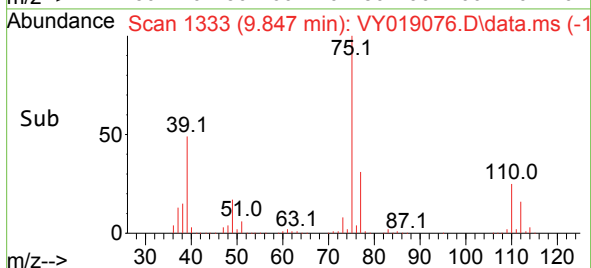
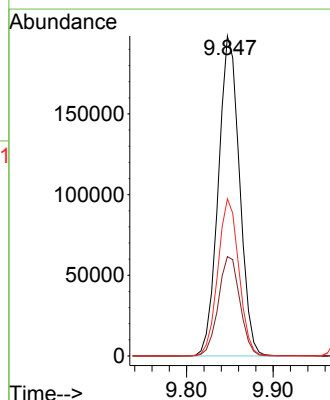
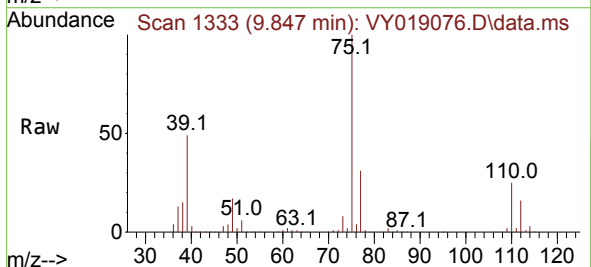
Instrument :
 MSVOA_Y
 ClientSampleId :

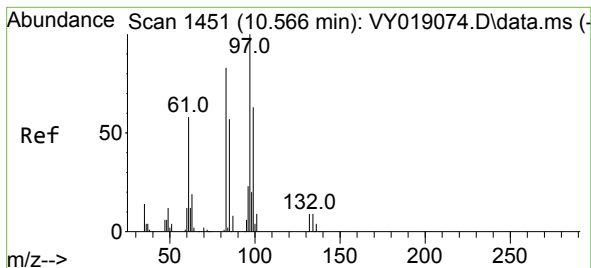
Tgt Ion: 75 Resp: 294368
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 147.999 ug/l
 RT: 9.847 min Scan# 1333
 Delta R.T. 0.000 min
 Lab File: VY019076.D
 Acq: 15 Aug 2024 19:50

Tgt Ion: 75 Resp: 336952
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0
 39 49.1 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 145.193 ug/l

RT: 10.566 min Scan# 1451

Delta R.T. 0.000 min

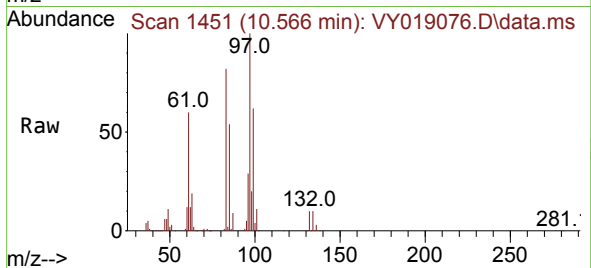
Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 173865

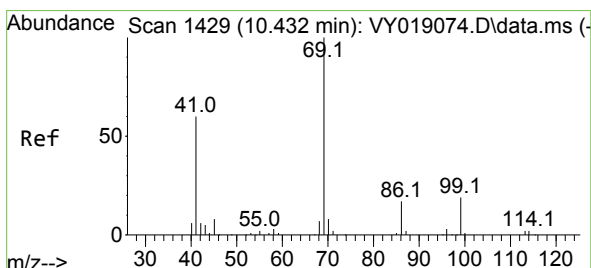
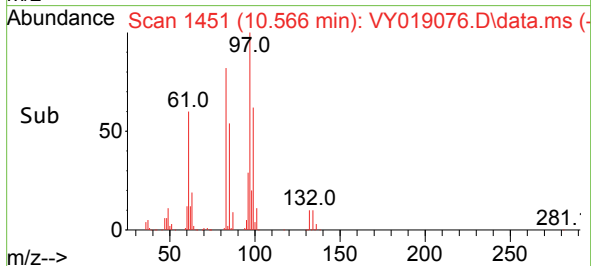
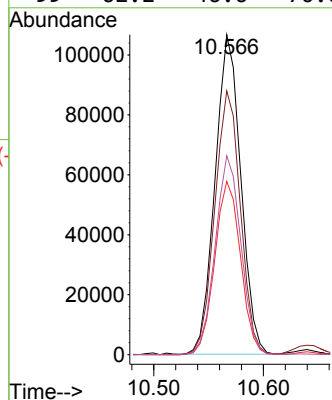
Ion Ratio Lower Upper

97 100

83 82.6 67.5 101.3

85 54.2 42.9 64.3

99 62.2 46.6 70.0



#56

Ethyl methacrylate

Concen: 156.766 ug/l

RT: 10.432 min Scan# 1429

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

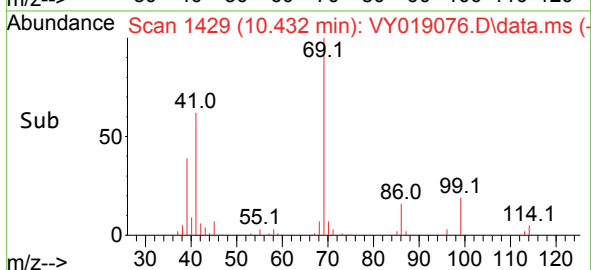
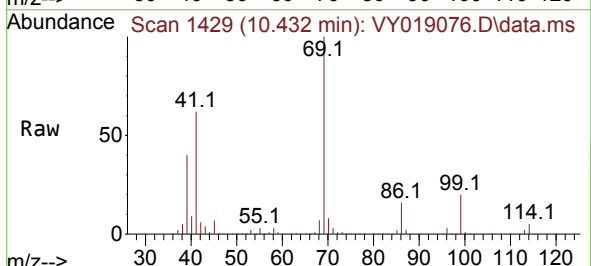
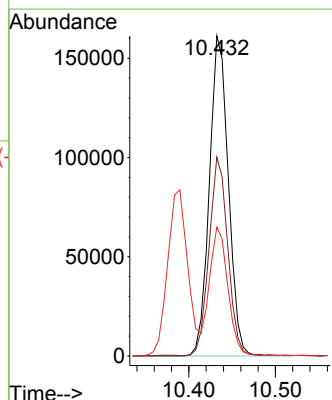
Tgt Ion: 69 Resp: 245714

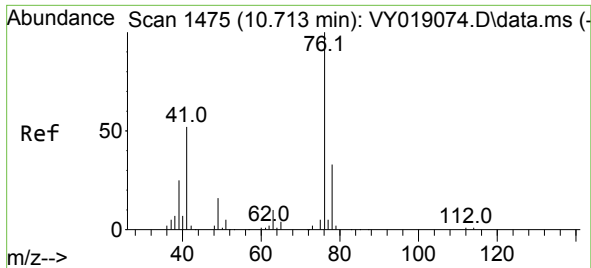
Ion Ratio Lower Upper

69 100

41 61.0 42.3 63.5

39 38.7 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 142.185 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Instrument :

MSVOA_Y

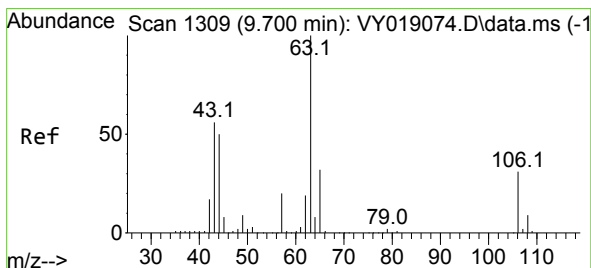
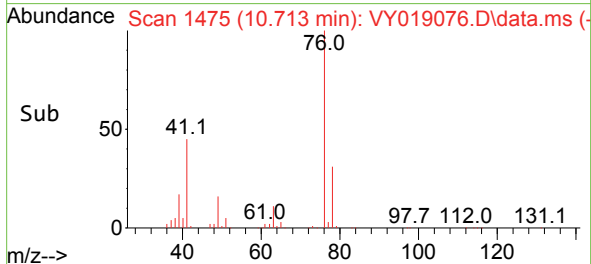
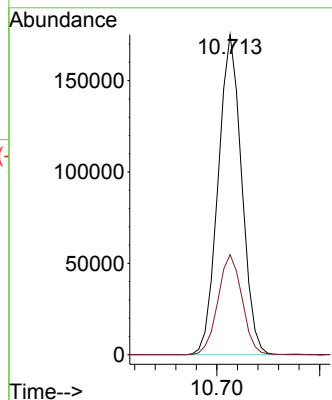
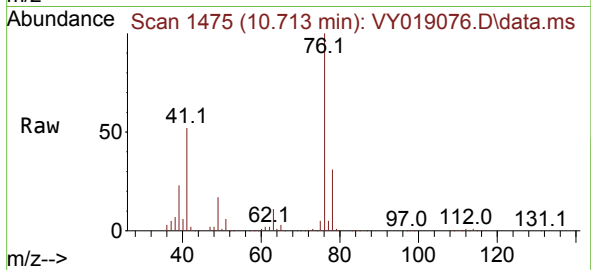
ClientSampleId :

Tgt Ion: 76 Resp: 277556

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 764.886 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.006 min

Lab File: VY019076.D

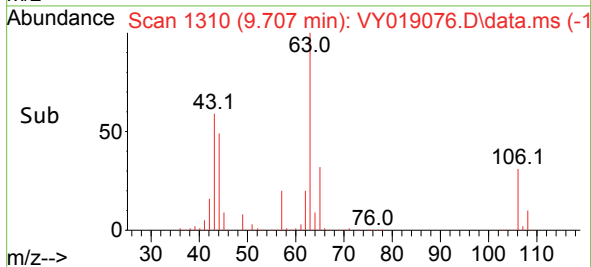
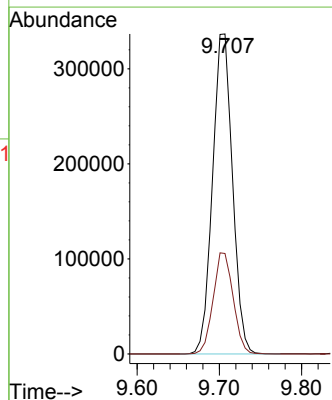
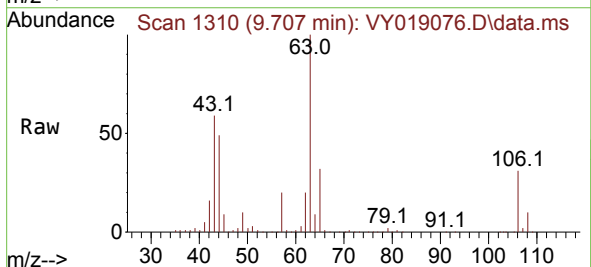
Acq: 15 Aug 2024 19:50

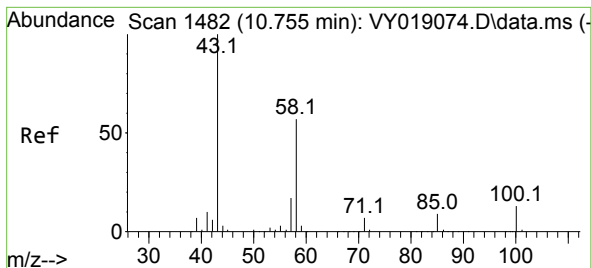
Tgt Ion: 63 Resp: 568743

Ion Ratio Lower Upper

63 100

106 31.7 23.7 35.5





#59

2-Hexanone

Concen: 782.124 ug/l

RT: 10.755 min Scan# 1482

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Instrument :

MSVOA_Y

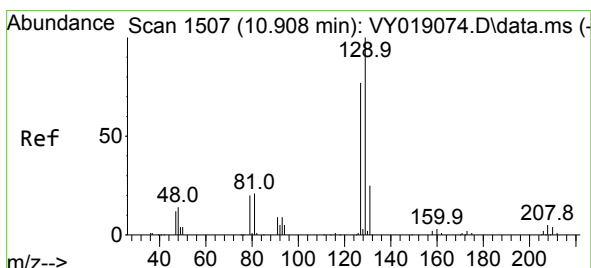
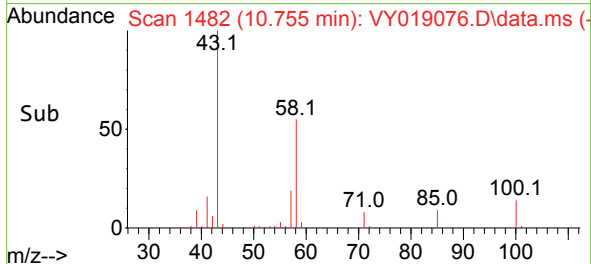
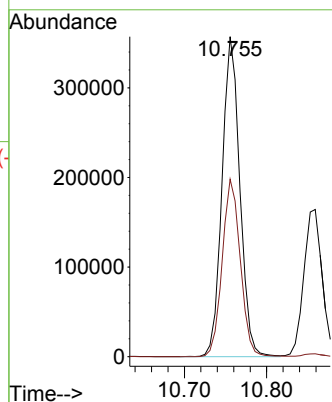
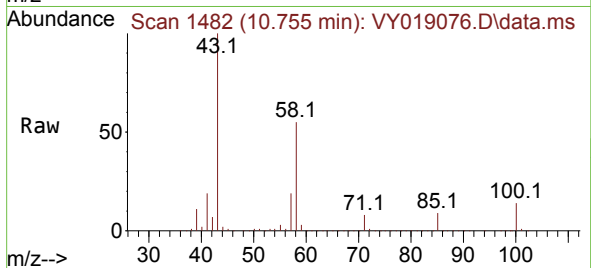
ClientSampleId :

Tgt Ion: 43 Resp: 536331

Ion Ratio Lower Upper

43 100

58 56.5 31.4 94.0



#60

Dibromochloromethane

Concen: 149.375 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY019076.D

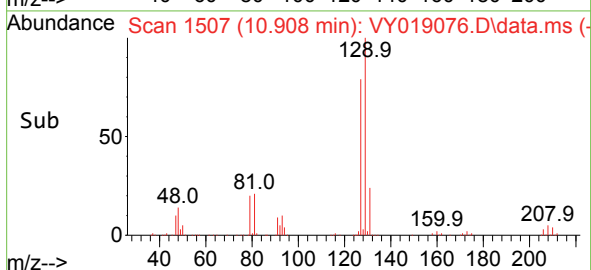
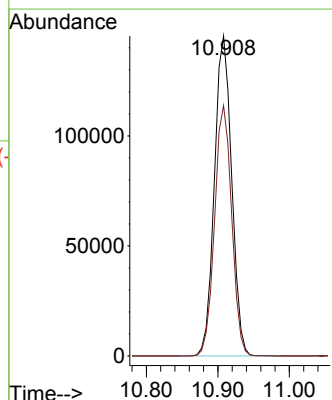
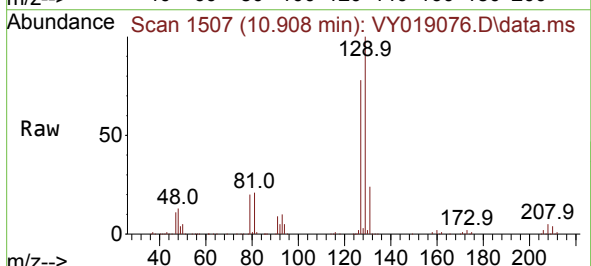
Acq: 15 Aug 2024 19:50

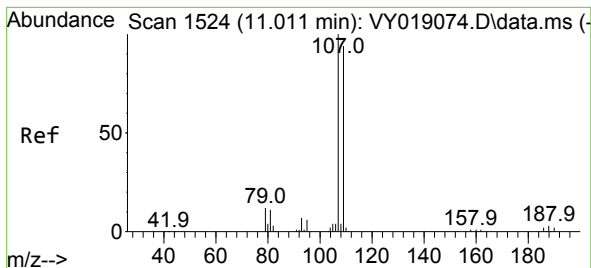
Tgt Ion:129 Resp: 243628

Ion Ratio Lower Upper

129 100

127 77.5 39.0 117.0

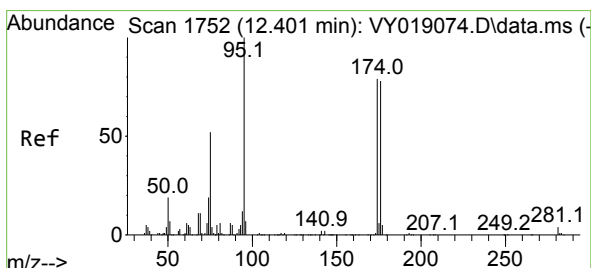
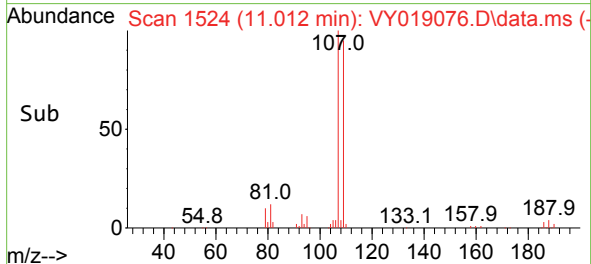
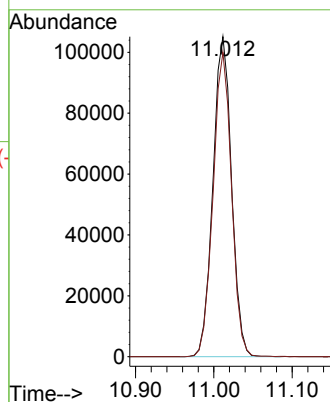
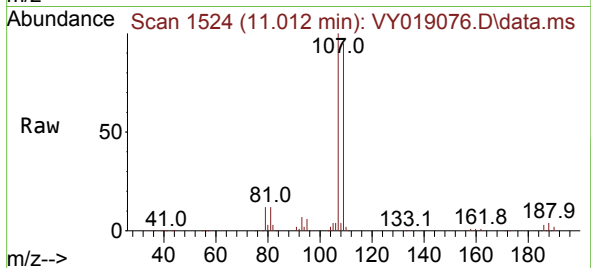




#61
1,2-Dibromoethane
Concen: 149.902 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

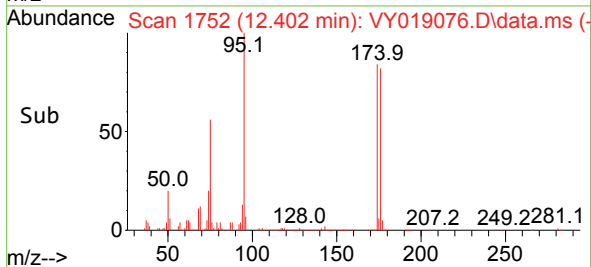
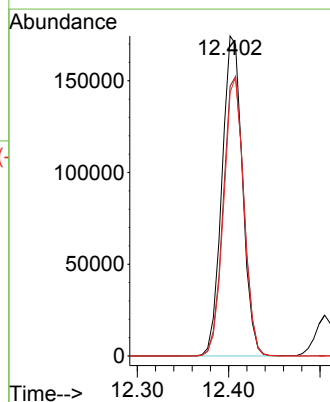
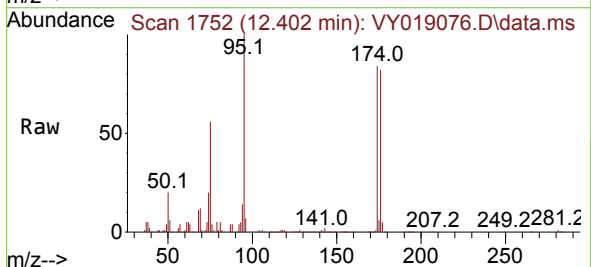
Instrument :
MSVOA_Y
ClientSampleId :

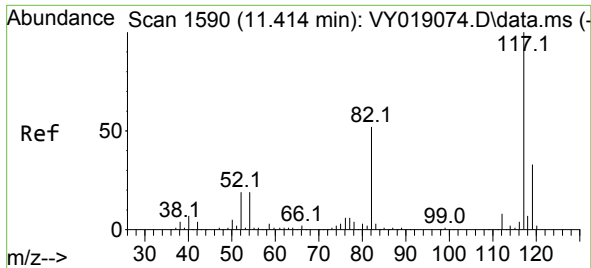
Tgt Ion:107 Resp: 173497
Ion Ratio Lower Upper
107 100
109 94.1 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 144.948 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

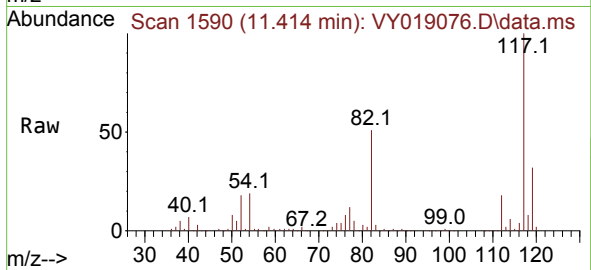
Tgt Ion: 95 Resp: 271785
Ion Ratio Lower Upper
95 100
174 88.0 0.0 175.6
176 85.5 0.0 171.4



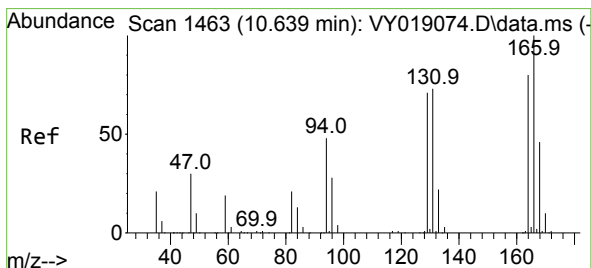
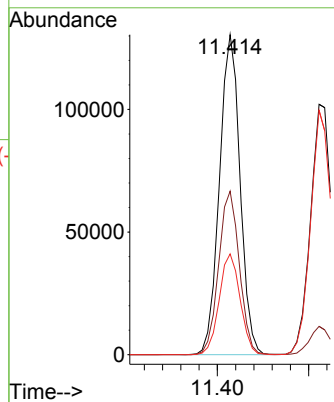
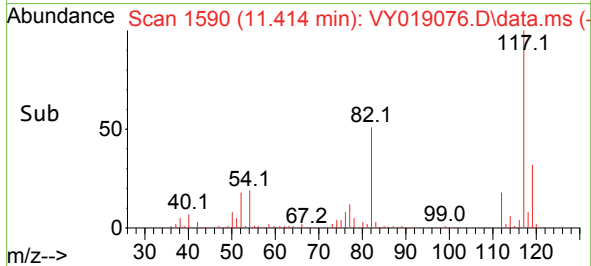


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

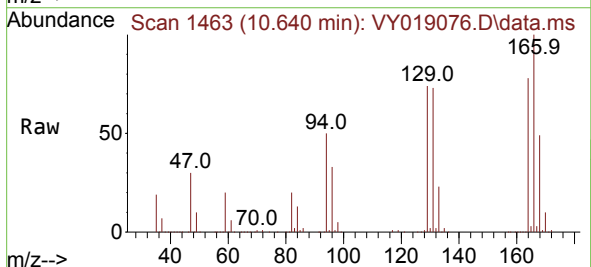
Instrument :
MSVOA_Y
ClientSampleId :



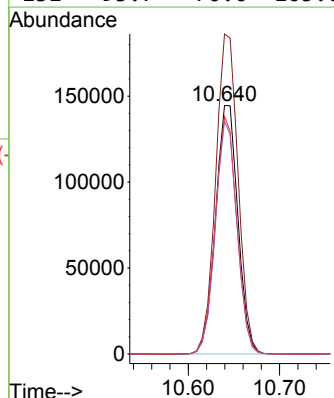
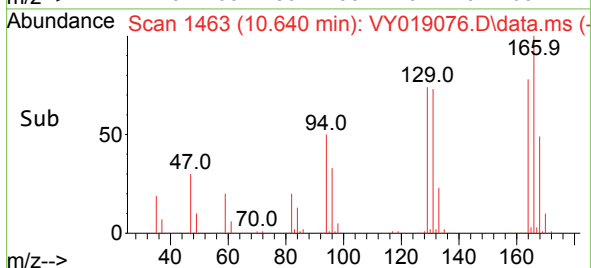
Tgt Ion:117 Resp: 204423
Ion Ratio Lower Upper
117 100
82 51.1 42.4 63.6
119 31.5 25.9 38.9

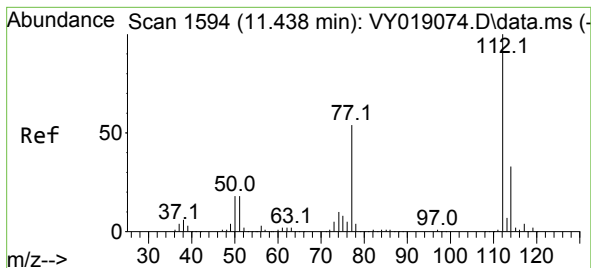


#64
Tetrachloroethene
Concen: 137.299 ug/l
RT: 10.640 min Scan# 1463
Delta R.T. 0.000 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50



Tgt Ion:164 Resp: 245327
Ion Ratio Lower Upper
164 100
166 128.8 102.6 154.0
129 95.5 72.0 108.0
131 93.7 70.0 105.0





#65

Chlorobenzene

Concen: 141.896 ug/l

RT: 11.438 min Scan# 111

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Instrument :

MSVOA_Y

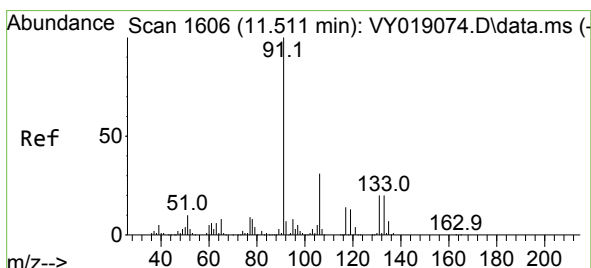
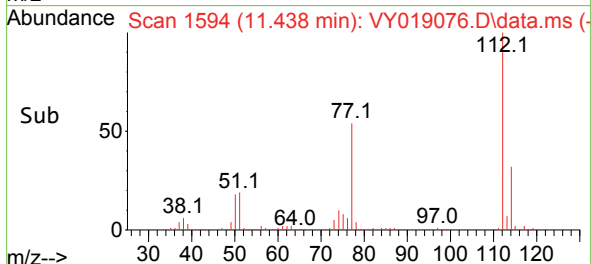
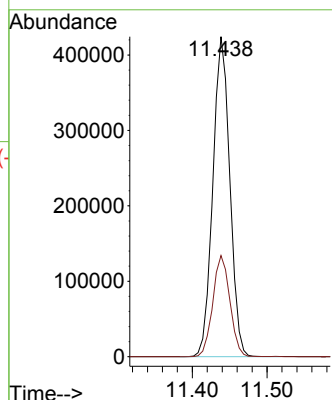
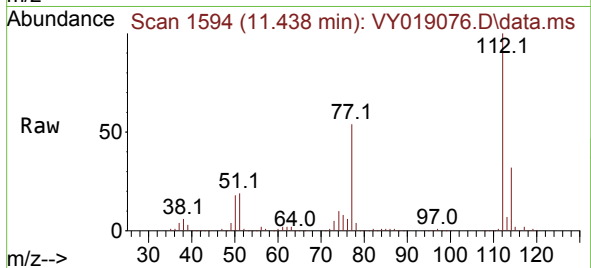
ClientSampleId :

Tgt Ion:112 Resp: 667918

Ion Ratio Lower Upper

112 100

114 31.6 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 147.855 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

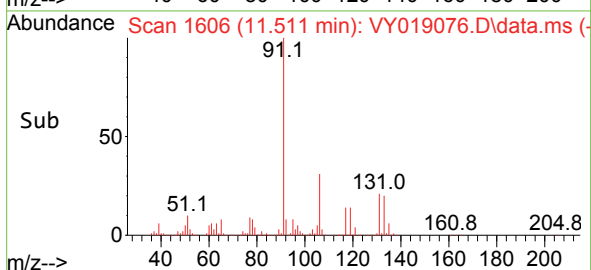
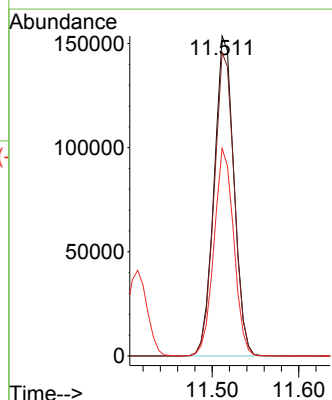
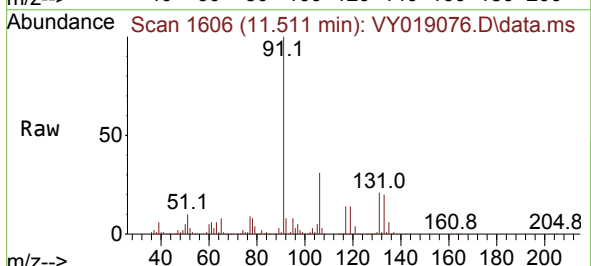
Tgt Ion:131 Resp: 244749

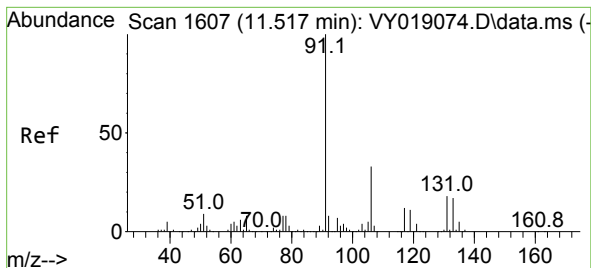
Ion Ratio Lower Upper

131 100

133 95.7 47.8 143.3

119 64.6 34.1 102.2





#67

Ethyl Benzene

Concen: 149.165 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Instrument :

MSVOA_Y

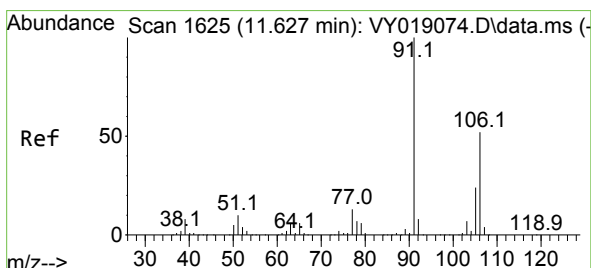
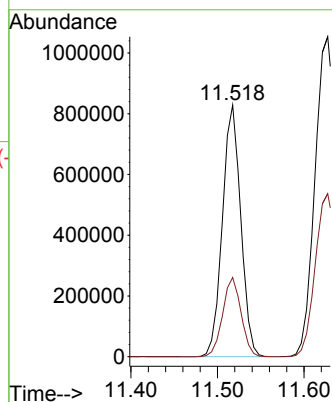
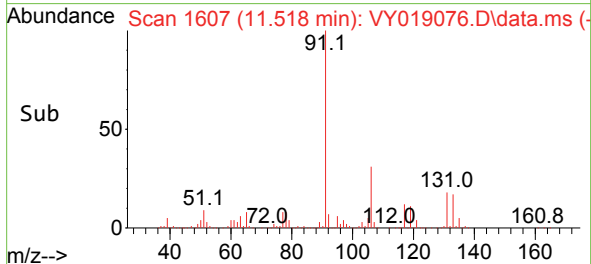
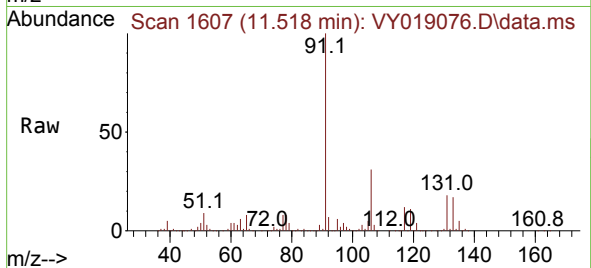
ClientSampleId :

Tgt Ion: 91 Resp: 1218665

Ion Ratio Lower Upper

91 100

106 31.5 24.5 36.7



#68

m/p-Xylenes

Concen: 299.196 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019076.D

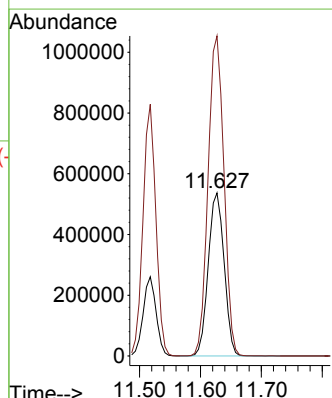
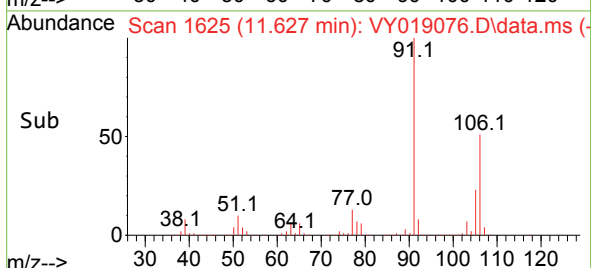
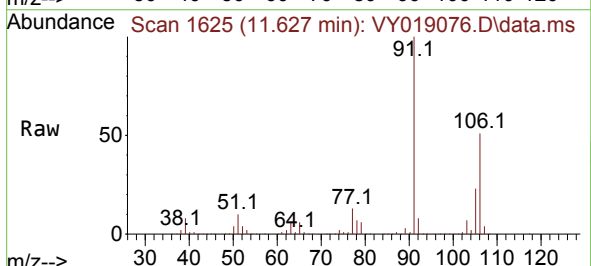
Acq: 15 Aug 2024 19:50

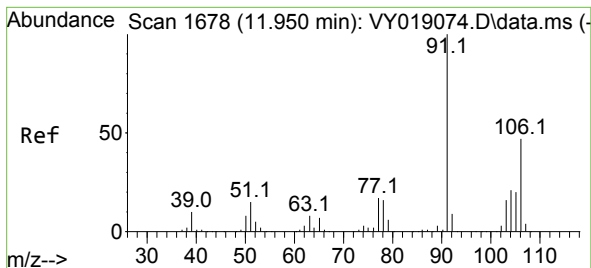
Tgt Ion:106 Resp: 969919

Ion Ratio Lower Upper

106 100

91 196.5 156.0 234.0

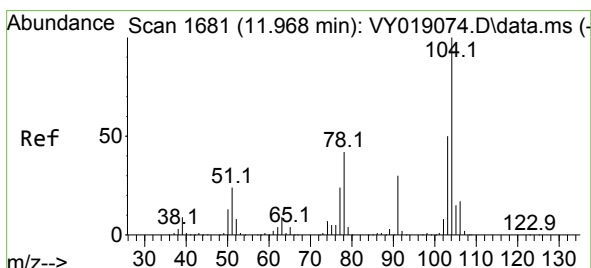
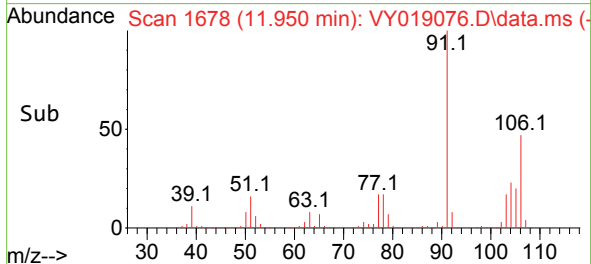
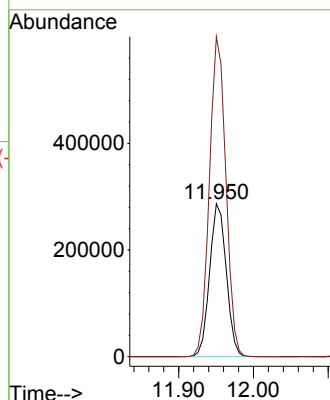
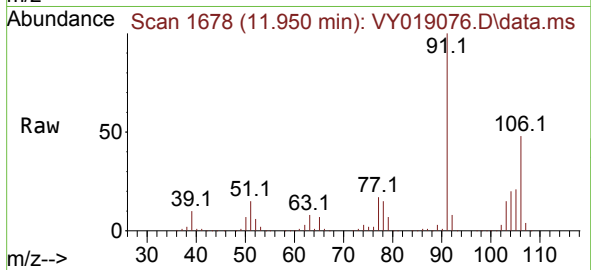




#69
o-Xylene
Concen: 147.403 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

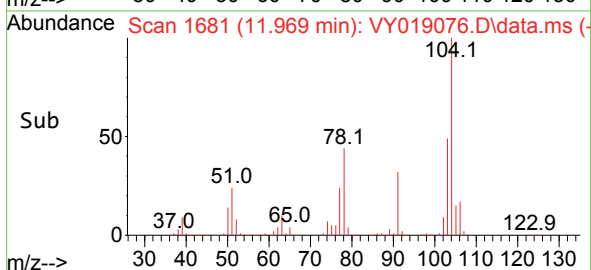
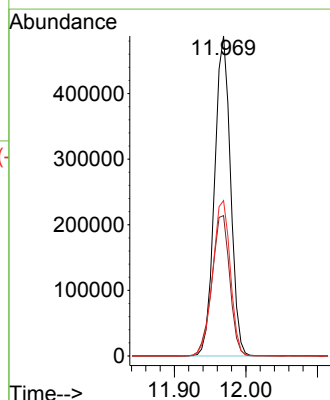
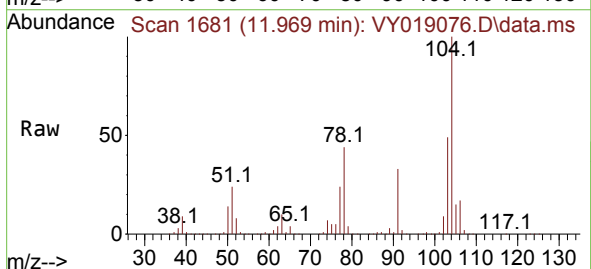
Instrument :
MSVOA_Y
ClientSampleId :

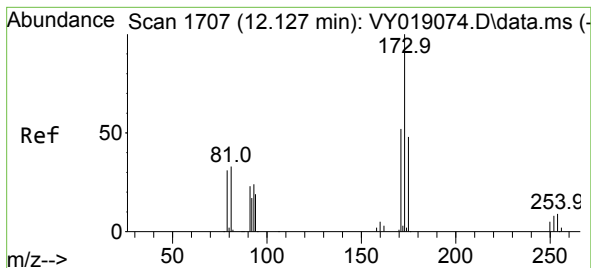
Tgt Ion:106 Resp: 442508
Ion Ratio Lower Upper
106 100
91 207.2 103.6 310.8



#70
Styrene
Concen: 147.626 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

Tgt Ion:104 Resp: 755740
Ion Ratio Lower Upper
104 100
78 49.2 37.0 55.4
103 53.6 44.2 66.2





#71

Bromoform

Concen: 154.552 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Instrument :

MSVOA_Y

ClientSampleId :

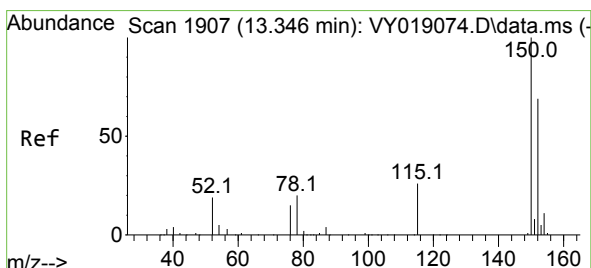
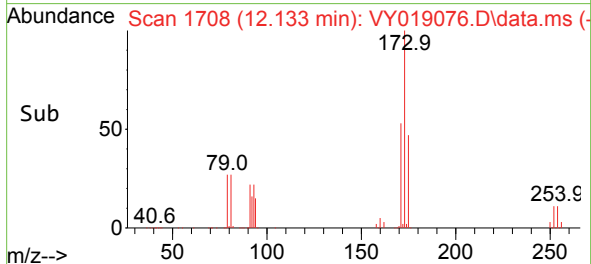
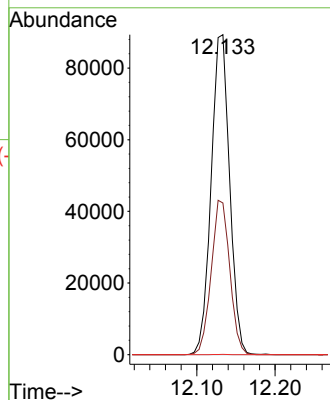
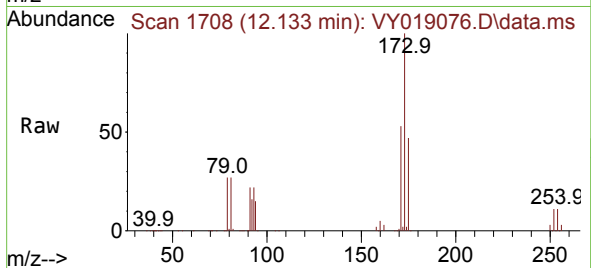
Tgt Ion:173 Resp: 146246

Ion Ratio Lower Upper

173 100

175 48.5 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

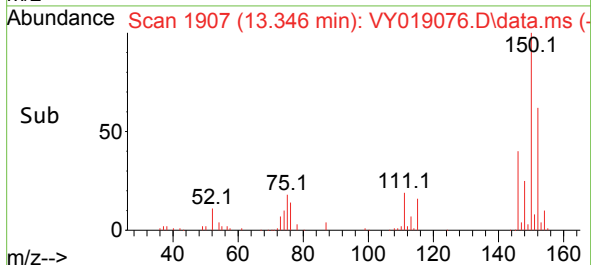
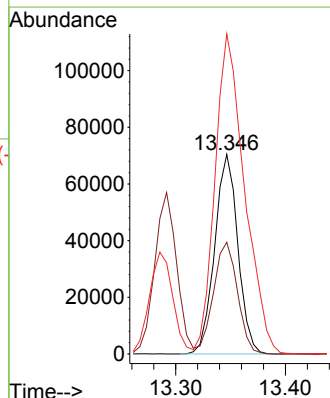
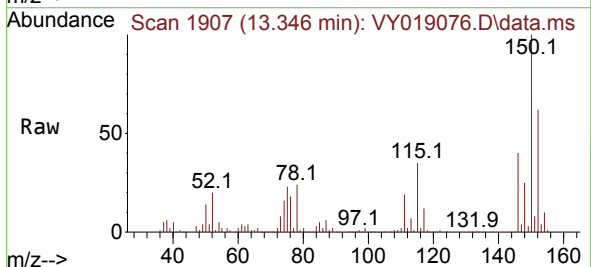
Tgt Ion:152 Resp: 103374

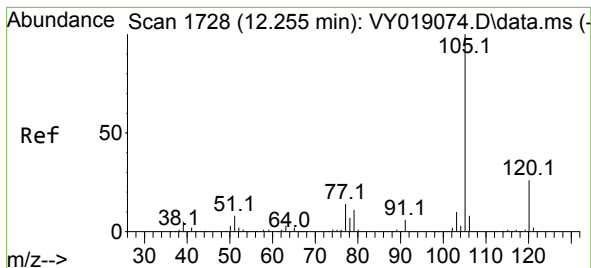
Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 204.6 0.0 345.6

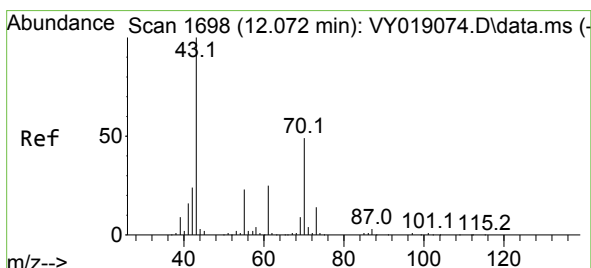
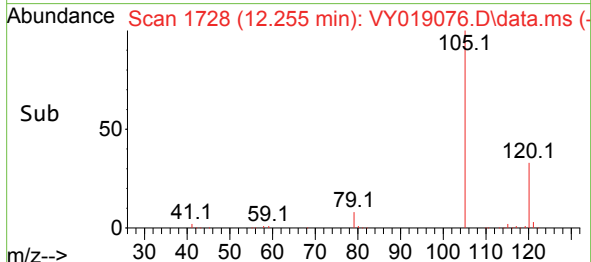
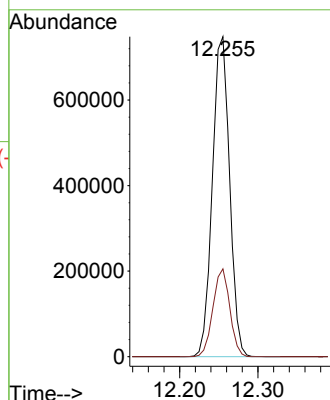
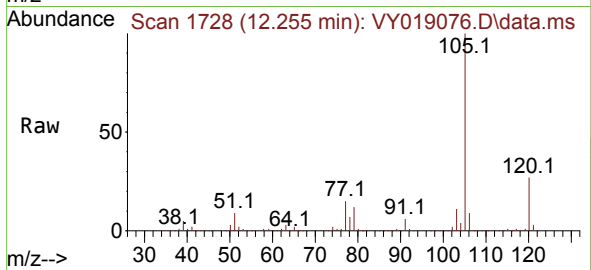




#73
Isopropylbenzene
Concen: 143.956 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

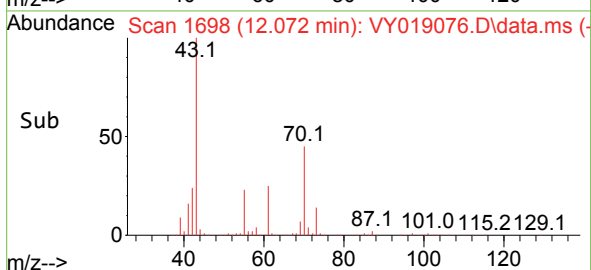
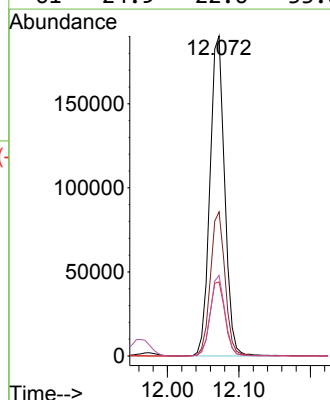
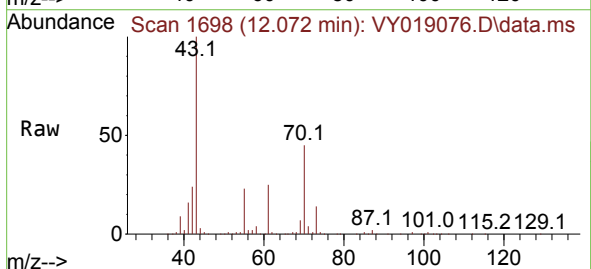
Instrument :
MSVOA_Y
ClientSampleId :

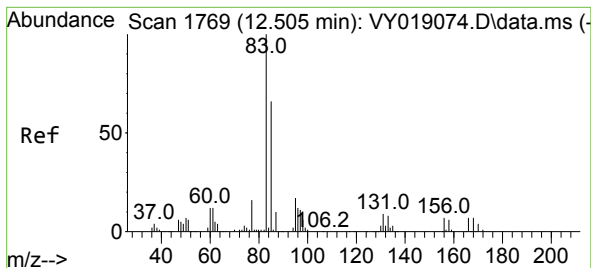
Tgt Ion:105 Resp: 1140578
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1



#74
N-ethyl acetate
Concen: 157.858 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

Tgt Ion: 43 Resp: 272730
Ion Ratio Lower Upper
43 100
70 45.1 41.4 62.2
55 24.1 23.3 34.9
61 24.9 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 136.399 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Instrument :

MSVOA_Y

ClientSampleId :

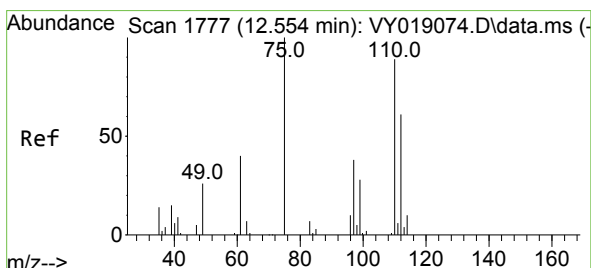
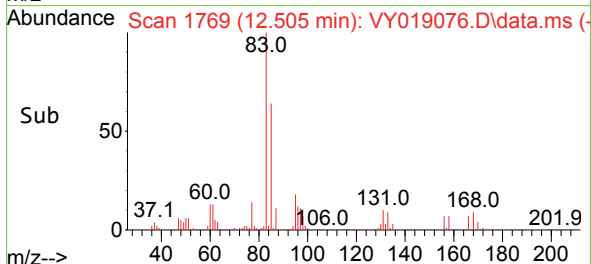
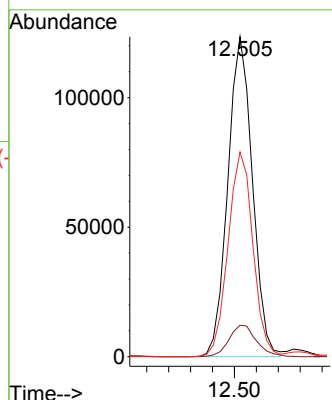
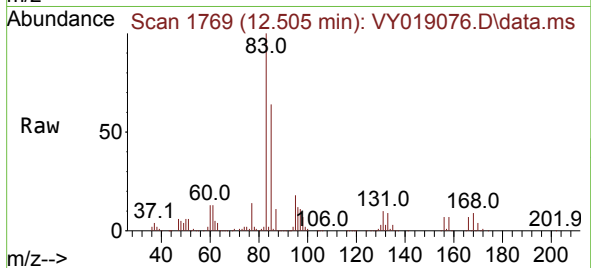
Tgt Ion: 83 Resp: 192397

Ion Ratio Lower Upper

83 100

131 11.0 5.0 14.9

85 64.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 253.063 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY019076.D

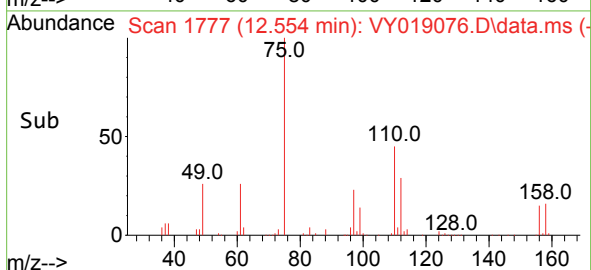
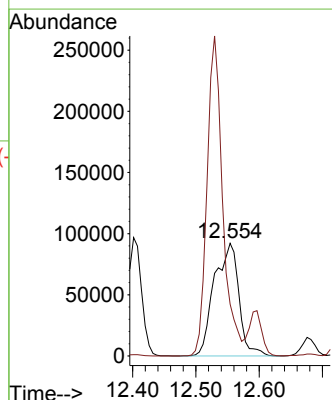
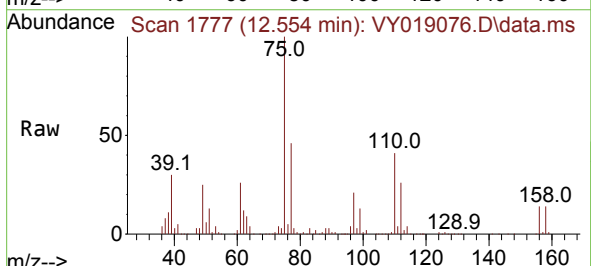
Acq: 15 Aug 2024 19:50

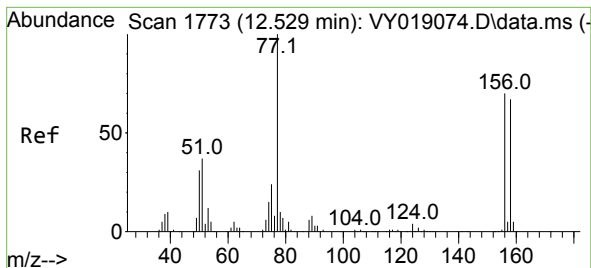
Tgt Ion: 75 Resp: 248473

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 142.045 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Instrument :

MSVOA_Y

ClientSampleId :

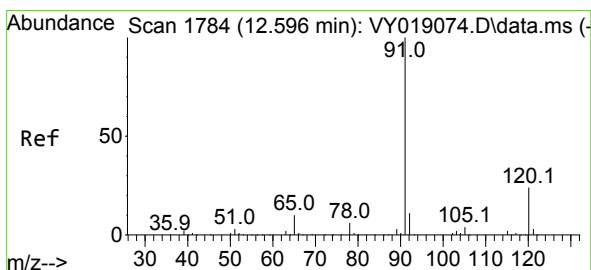
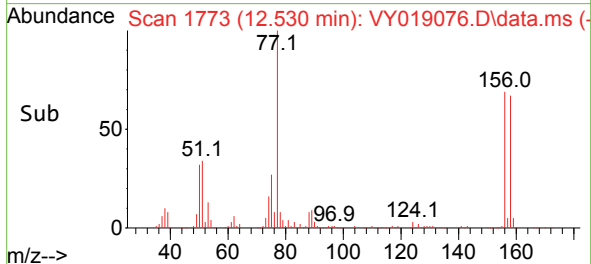
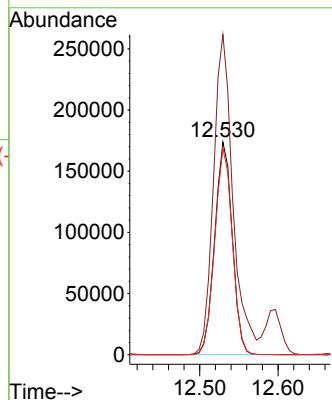
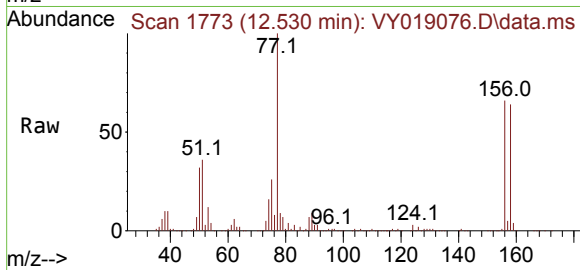
Tgt Ion:156 Resp: 270284

Ion Ratio Lower Upper

156 100

77 166.8 87.1 261.3

158 97.4 48.6 145.9



#78

n-propylbenzene

Concen: 139.070 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019076.D

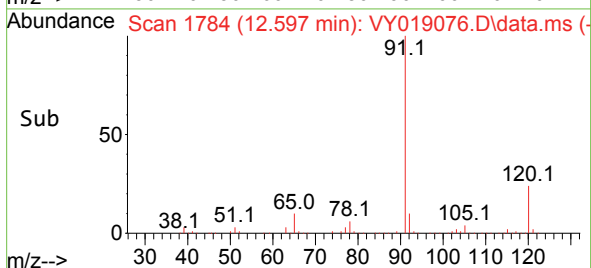
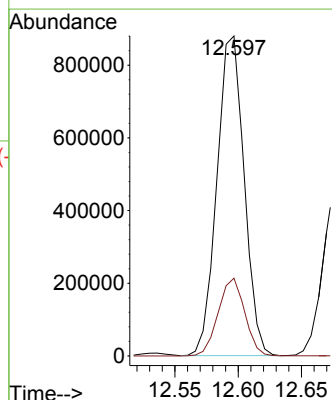
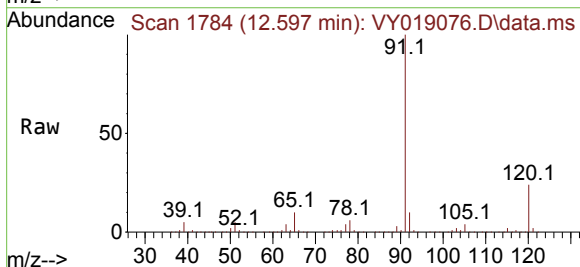
Acq: 15 Aug 2024 19:50

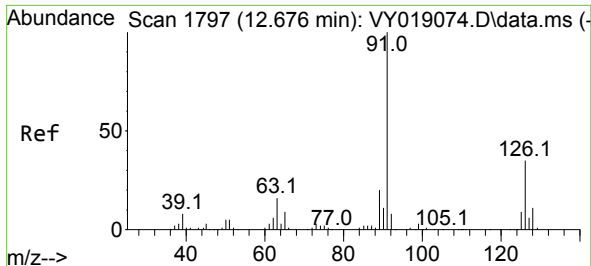
Tgt Ion: 91 Resp: 1317217

Ion Ratio Lower Upper

91 100

120 23.7 11.5 34.4

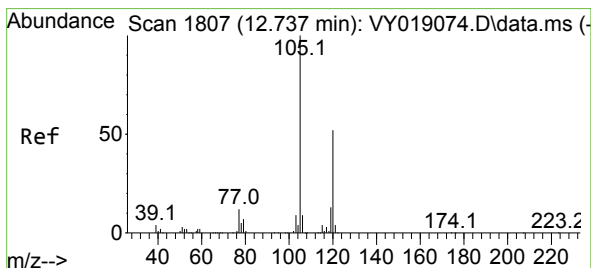
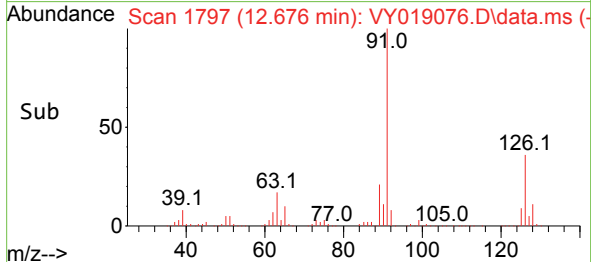
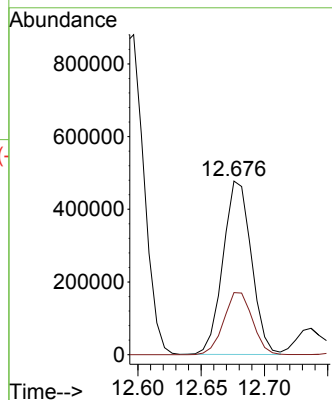
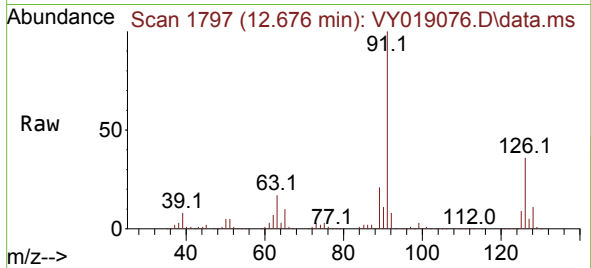




#79
2-Chlorotoluene
Concen: 140.408 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

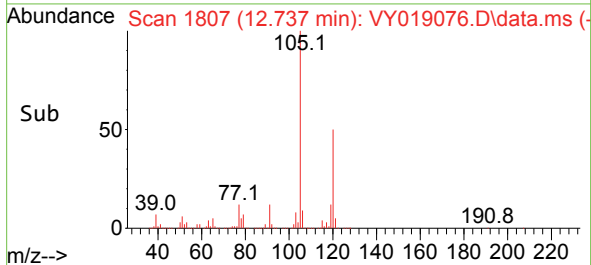
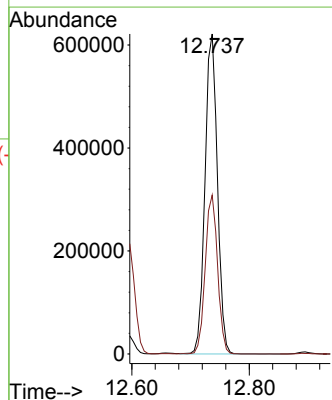
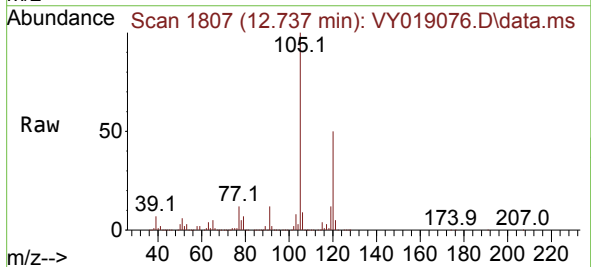
Instrument :
MSVOA_Y
ClientSampleId :

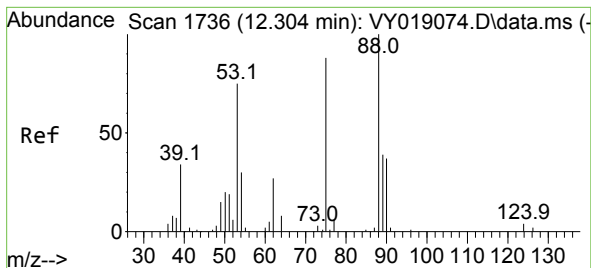
Tgt Ion: 91 Resp: 745586
Ion Ratio Lower Upper
91 100
126 36.2 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 141.063 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

Tgt Ion: 105 Resp: 910505
Ion Ratio Lower Upper
105 100
120 49.6 25.1 75.2

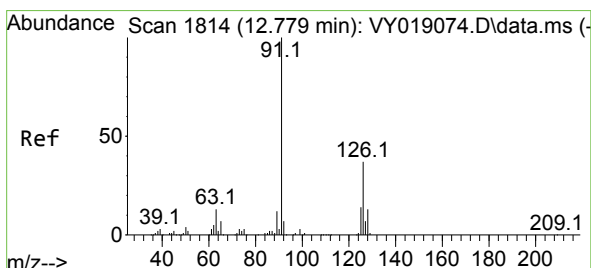
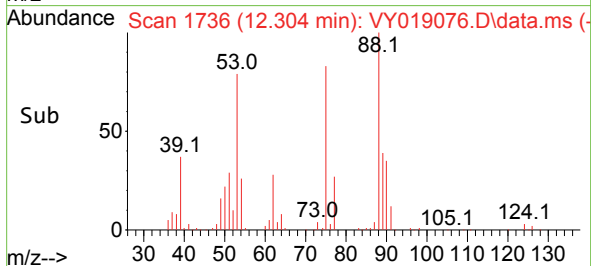
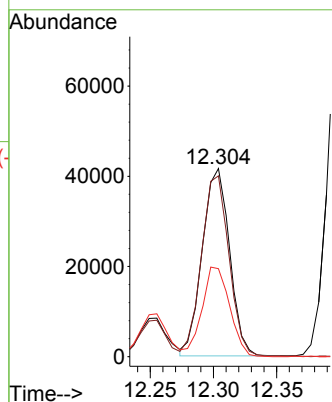
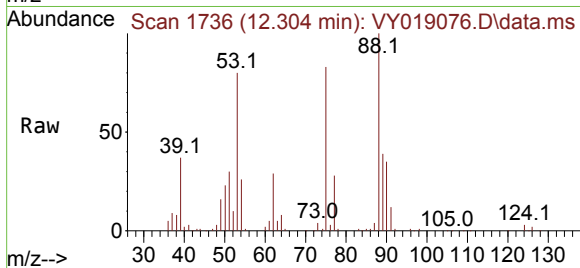




#81
trans-1,4-Dichloro-2-butene
Concen: 151.297 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

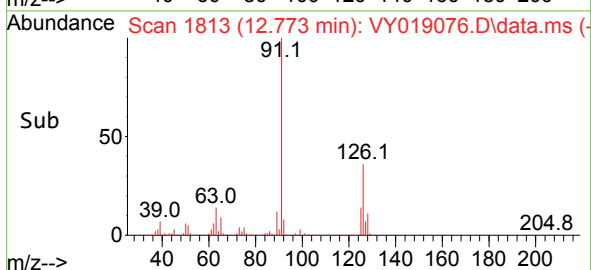
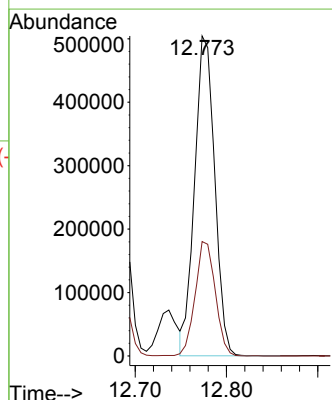
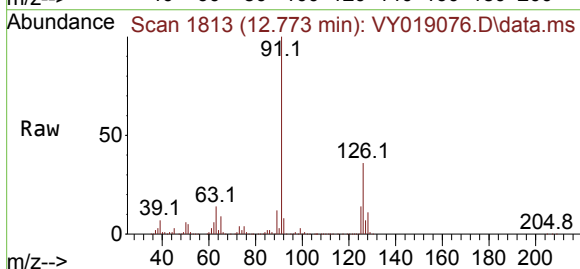
Instrument :
MSVOA_Y
ClientSampleId :

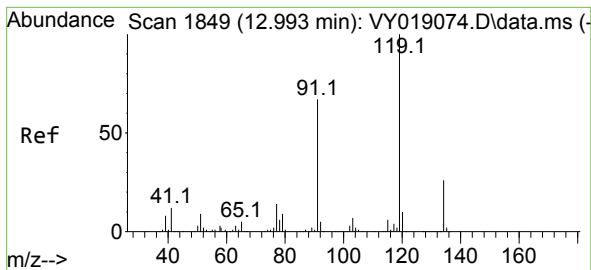
Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.1	66.8	100.2
89	48.7	35.8	53.6



#82
4-Chlorotoluene
Concen: 139.426 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019076.D
Acq: 15 Aug 2024 19:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.6	52.9





#83

tert-Butylbenzene

Concen: 140.837 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Instrument :

MSVOA_Y

ClientSampleId :

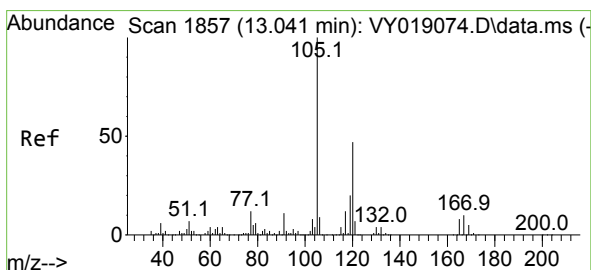
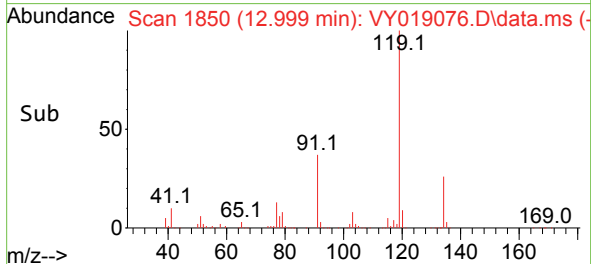
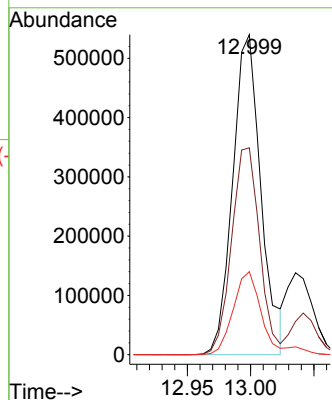
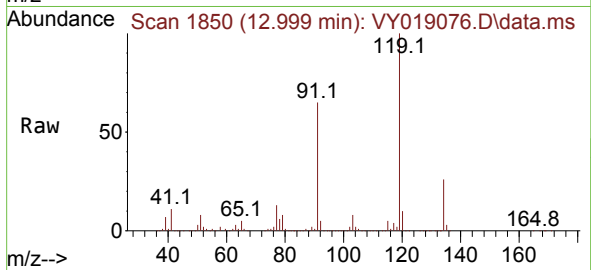
Tgt Ion:119 Resp: 839485

Ion Ratio Lower Upper

119 100

91 64.1 31.3 93.8

134 26.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 141.806 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY019076.D

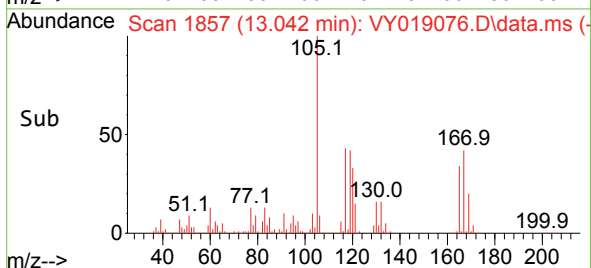
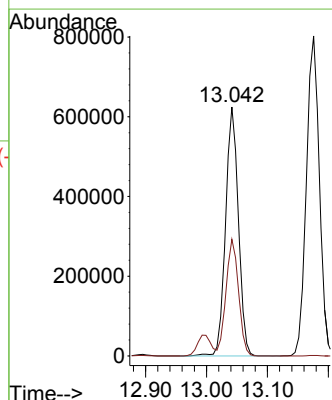
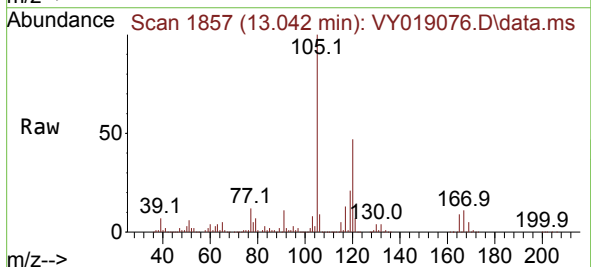
Acq: 15 Aug 2024 19:50

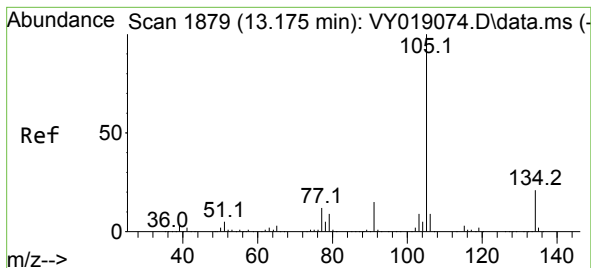
Tgt Ion:105 Resp: 912240

Ion Ratio Lower Upper

105 100

120 45.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 136.405 ug/l

RT: 13.176 min Scan# 1184859

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Instrument :

MSVOA_Y

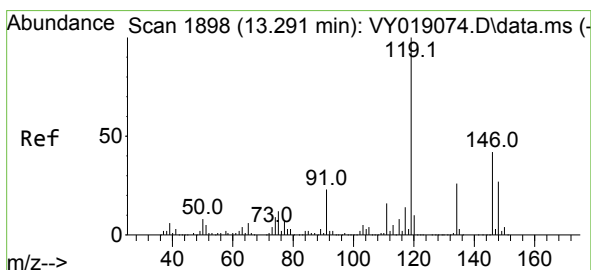
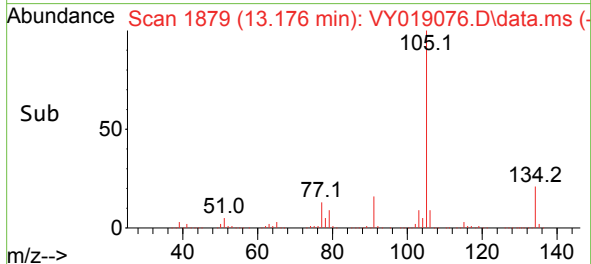
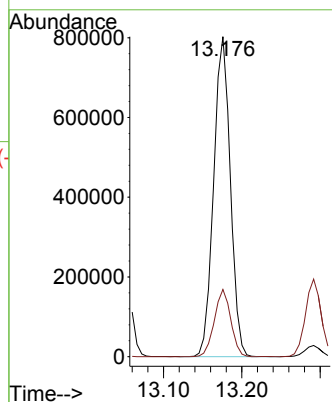
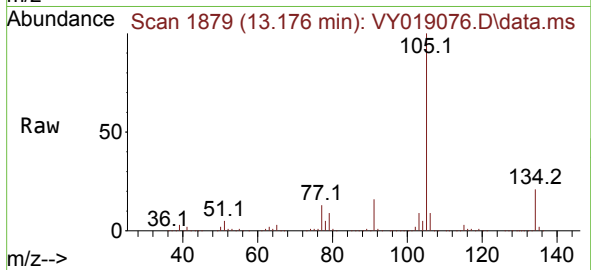
ClientSampleId :

Tgt Ion:105 Resp: 1184859

Ion Ratio Lower Upper

105 100

134 20.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 141.728 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

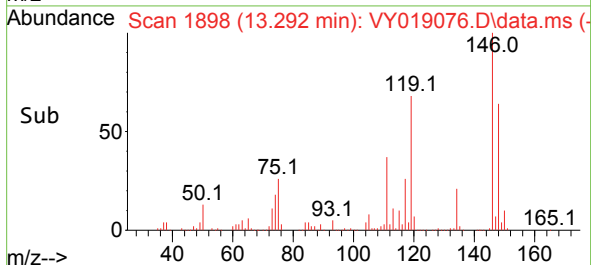
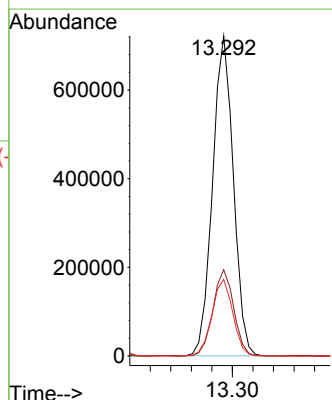
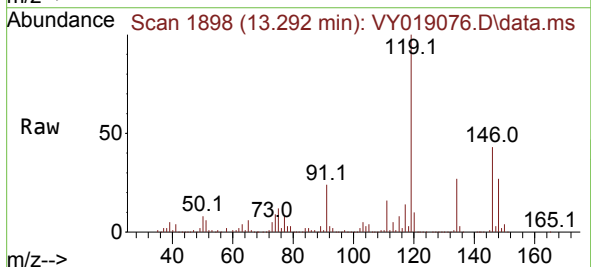
Tgt Ion:119 Resp: 1011209

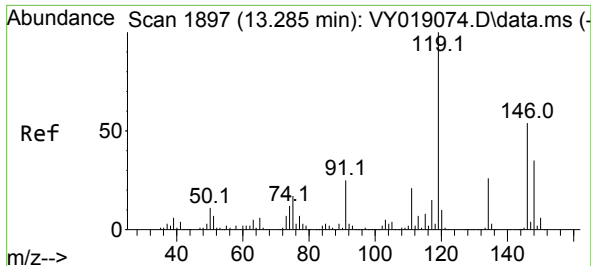
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 24.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 139.839 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Instrument :

MSVOA_Y

ClientSampleId :

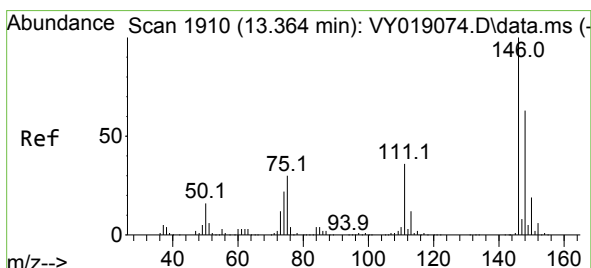
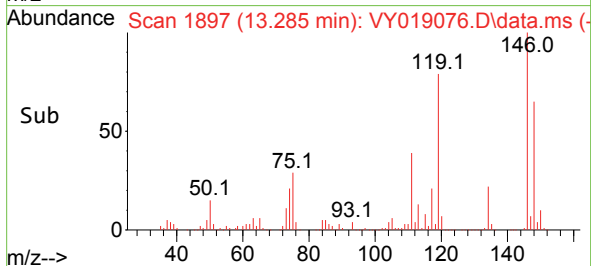
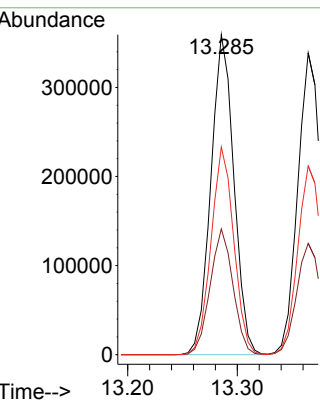
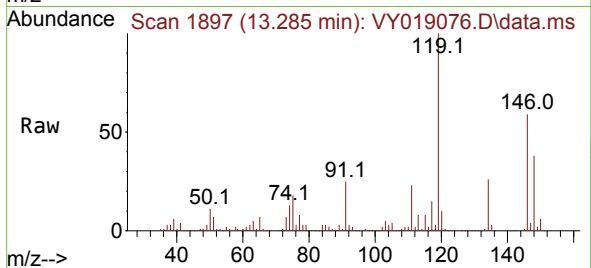
Tgt Ion:146 Resp: 524755

Ion Ratio Lower Upper

146 100

111 39.0 19.0 57.0

148 64.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 135.885 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

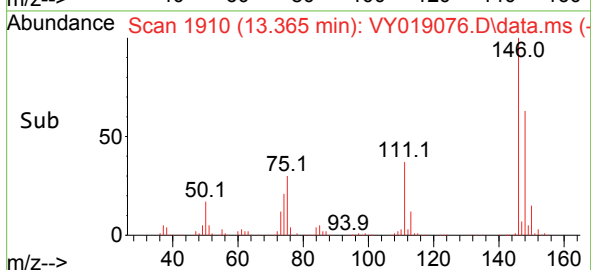
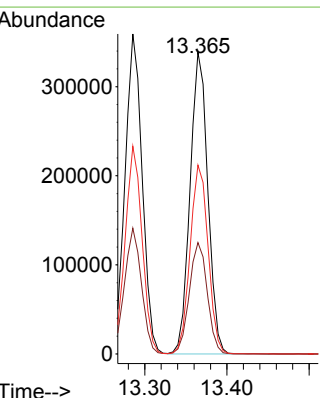
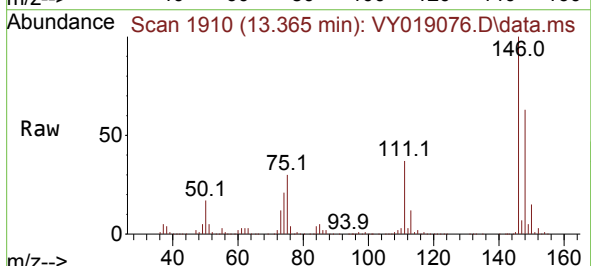
Tgt Ion:146 Resp: 506880

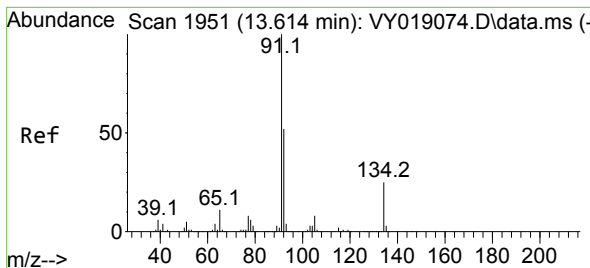
Ion Ratio Lower Upper

146 100

111 37.4 18.4 55.4

148 63.7 32.4 97.2





#89

n-Butylbenzene

Concen: 138.847 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Instrument :

MSVOA_Y

ClientSampleId :

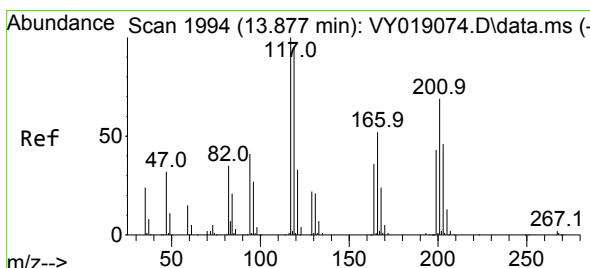
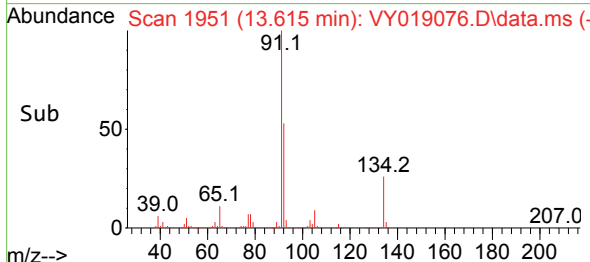
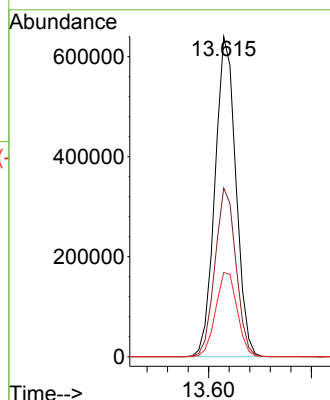
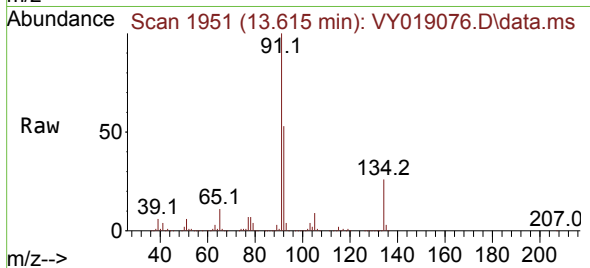
Tgt Ion: 91 Resp: 903193

Ion Ratio Lower Upper

91 100

92 52.9 26.6 79.7

134 27.2 12.9 38.7



#90

Hexachloroethane

Concen: 141.965 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY019076.D

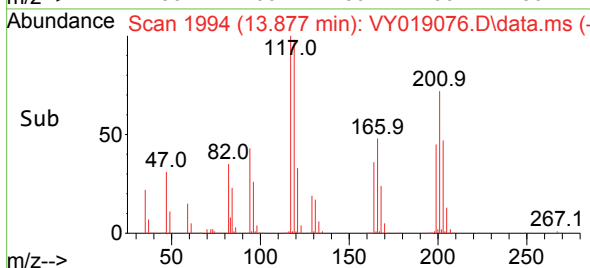
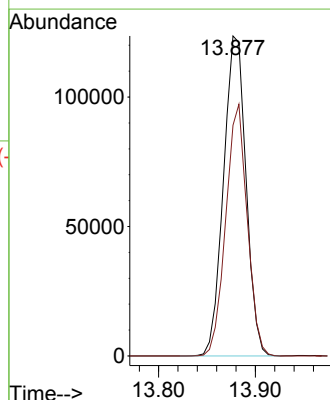
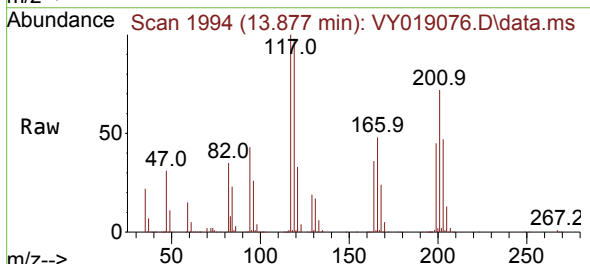
Acq: 15 Aug 2024 19:50

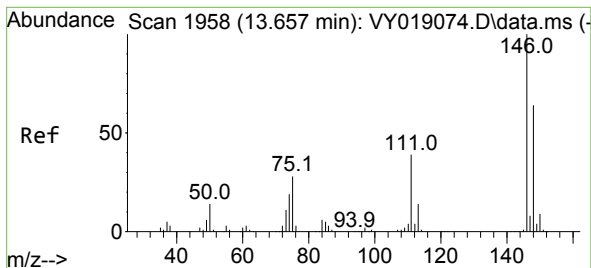
Tgt Ion: 117 Resp: 199647

Ion Ratio Lower Upper

117 100

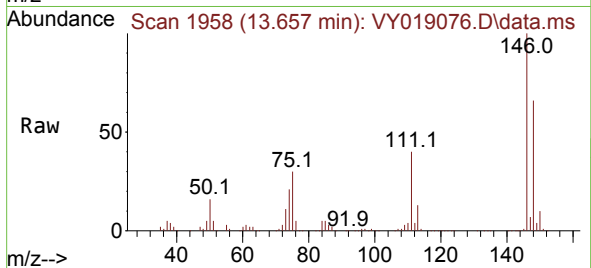
201 74.9 37.4 112.2



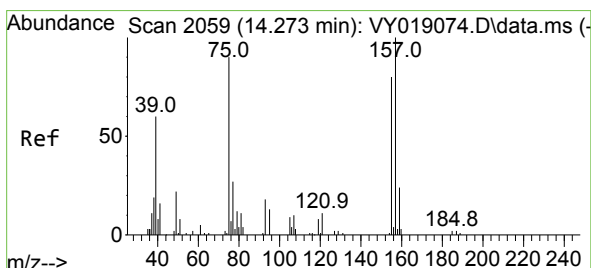
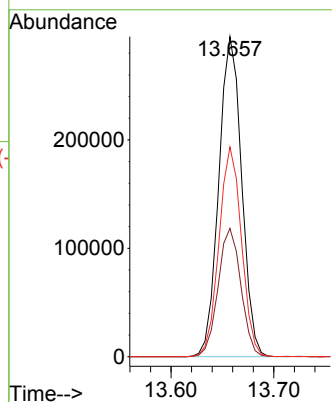
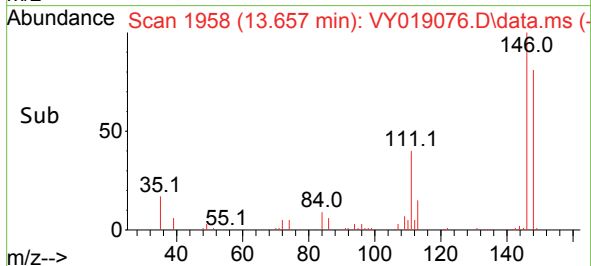


#91
 1,2-Dichlorobenzene
 Concen: 137.900 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY019076.D
 Acq: 15 Aug 2024 19:50

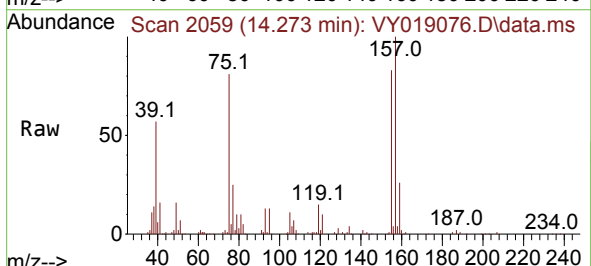
Instrument :
 MSVOA_Y
 ClientSampleId :



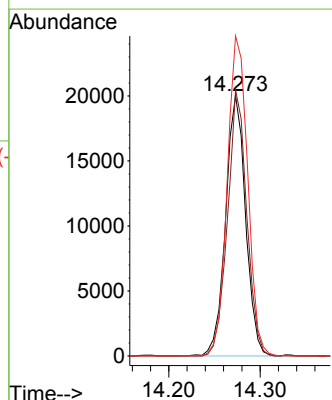
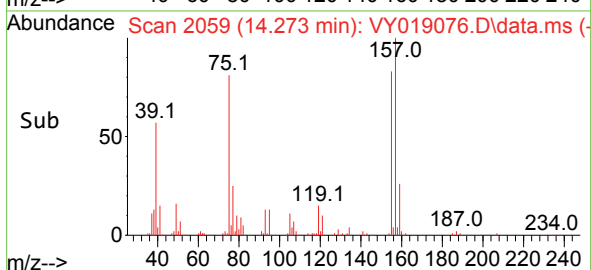
Tgt Ion:146 Resp: 455126
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.9 59.7
 148 64.5 31.8 95.4

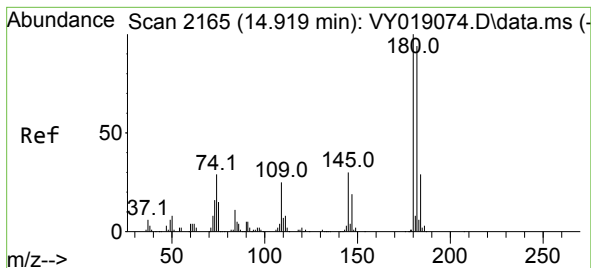


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 146.473 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY019076.D
 Acq: 15 Aug 2024 19:50



Tgt Ion: 75 Resp: 30394
 Ion Ratio Lower Upper
 75 100
 155 98.2 48.6 145.8
 157 125.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 149.428 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Instrument :

MSVOA_Y

ClientSampleId :

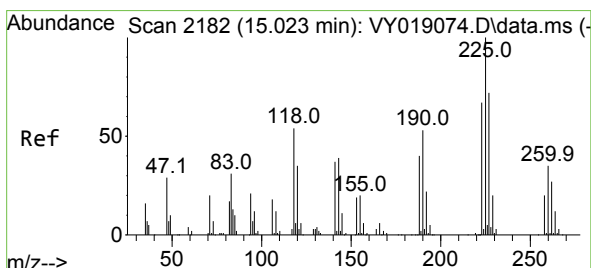
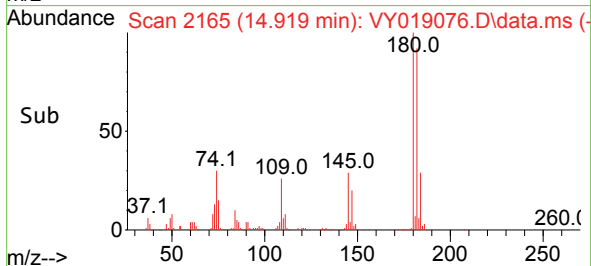
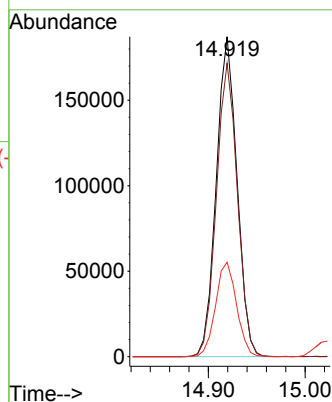
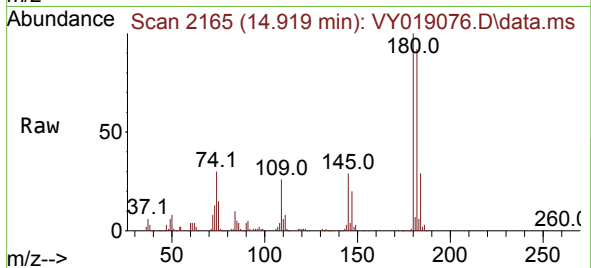
Tgt Ion:180 Resp: 278119

Ion Ratio Lower Upper

180 100

182 93.0 47.9 143.8

145 30.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 141.724 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

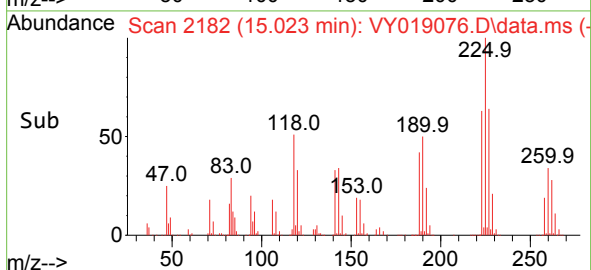
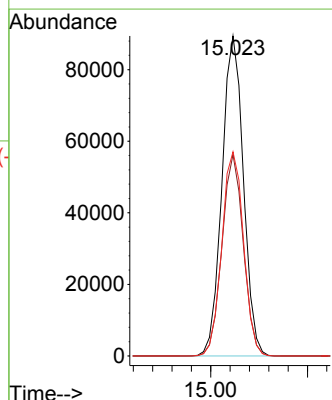
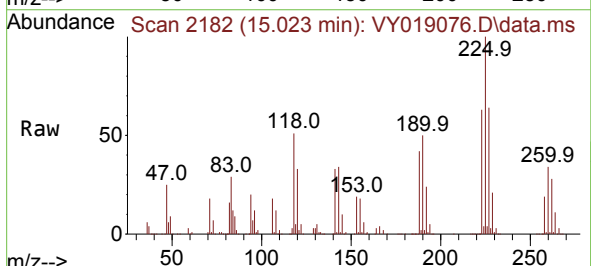
Tgt Ion:225 Resp: 137395

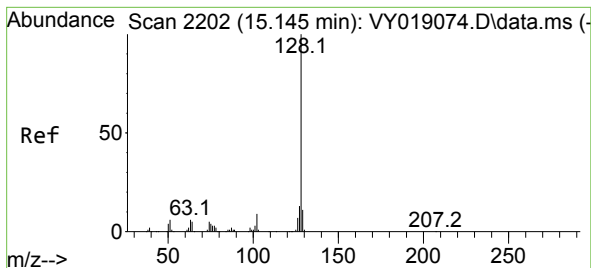
Ion Ratio Lower Upper

225 100

223 62.5 30.4 91.2

227 64.6 31.9 95.9





#95

Naphthalene

Concen: 165.633 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Instrument :

MSVOA_Y

ClientSampleId :

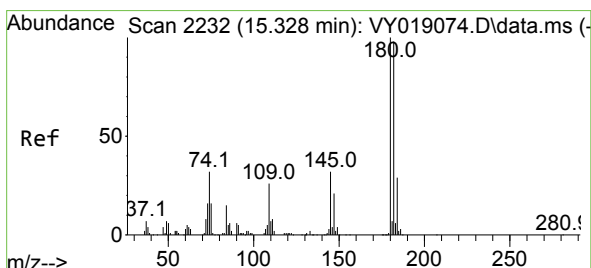
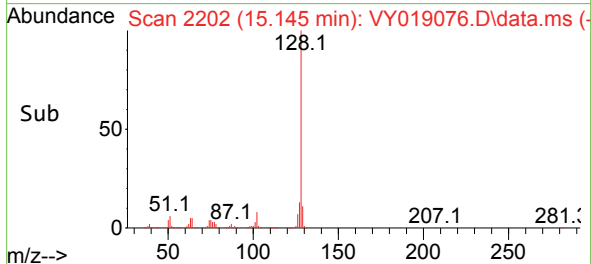
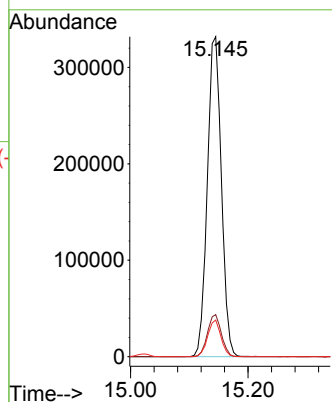
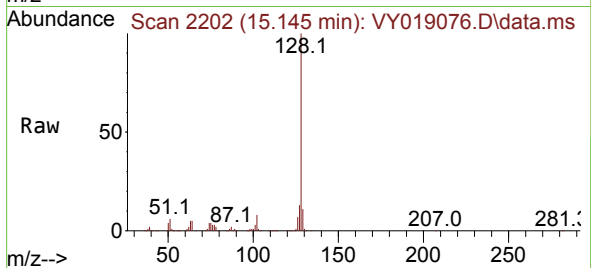
Tgt Ion:128 Resp: 550189

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 152.861 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019076.D

Acq: 15 Aug 2024 19:50

Tgt Ion:180 Resp: 239960

Ion Ratio Lower Upper

180 100

182 94.8 47.6 142.9

145 32.0 15.4 46.1

