

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032423\
 Data File : VY013072.D
 Acq On : 24 Mar 2023 12:36
 Operator : KP/MD
 Sample : VY0324SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Quant Time: Mar 25 03:31:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	102113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	166708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	151377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81816	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	55734	54.973	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.940%	
35) Dibromofluoromethane	7.716	113	55225	54.891	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.780%	
50) Toluene-d8	10.179	98	175311	47.664	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.320%	
62) 4-Bromofluorobenzene	12.483	95	69086	55.651	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.300%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	19891	19.763	ug/l	99
3) Chloromethane	2.113	50	20885	17.357	ug/l	99
4) Vinyl Chloride	2.253	62	21233	19.244	ug/l	97
5) Bromomethane	2.637	94	14336	21.383	ug/l	94
6) Chloroethane	2.784	64	13771	20.840	ug/l	93
7) Trichlorofluoromethane	3.119	101	36521	19.929	ug/l	99
8) Diethyl Ether	3.521	74	14424	22.461	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	24050	21.813	ug/l	99
10) Methyl Iodide	4.088	142	27727	19.301	ug/l	98
11) Tert butyl alcohol	4.942	59	18738	152.879	ug/l	97
12) 1,1-Dichloroethene	3.869	96	21875	20.803	ug/l	97
13) Acrolein	3.729	56	14224	80.078	ug/l	99
14) Allyl chloride	4.478	41	39766	20.473	ug/l	99
15) Acrylonitrile	5.155	53	41446	122.487	ug/l	98
16) Acetone	3.942	43	50260	126.299	ug/l	96
17) Carbon Disulfide	4.186	76	63673	17.790	ug/l	100
18) Methyl Acetate	4.466	43	29029	24.496	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	62939	23.173	ug/l	98
20) Methylene Chloride	4.710	84	35858	27.064	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	24510	21.449	ug/l	97
22) Diisopropyl ether	6.118	45	80390	22.787	ug/l	94
23) Vinyl Acetate	6.057	43	250882	114.450	ug/l	99
24) 1,1-Dichloroethane	6.015	63	44305	22.039	ug/l	97
25) 2-Butanone	6.984	43	63832	129.506	ug/l	99
26) 2,2-Dichloropropane	6.978	77	39958	22.379	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	27301	22.284	ug/l	100
28) Bromochloromethane	7.332	49	16453	22.395	ug/l	99
29) Tetrahydrofuran	7.350	42	37446	125.966	ug/l	97
30) Chloroform	7.502	83	45996	23.163	ug/l	95
31) Cyclohexane	7.783	56	38518	19.837	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	39691	22.103	ug/l	98
36) 1,1-Dichloropropene	7.917	75	34046	20.194	ug/l	99
37) Ethyl Acetate	7.076	43	25599	24.090	ug/l	98
38) Carbon Tetrachloride	7.899	117	36402	20.908	ug/l	99
39) Methylcyclohexane	9.179	83	37008	18.463	ug/l	99
40) Benzene	8.161	78	98045	20.558	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	34548	60.344	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	31512	21.977	ug/l	99
43) Isopropyl Acetate	8.270	43	43102	22.734	ug/l	99
44) Trichloroethene	8.935	130	25743	20.473	ug/l	95
45) 1,2-Dichloropropane	9.215	63	25841	21.440	ug/l	96
46) Dibromomethane	9.307	93	15374	22.390	ug/l	98
47) Bromodichloromethane	9.496	83	35683	22.052	ug/l #	96
48) Methyl methacrylate	9.289	41	19819	22.687	ug/l	99
49) 1,4-Dioxane	9.295	88	4768	537.134	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	128325	124.782	ug/l	99
52) Toluene	10.240	92	61620	21.424	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	37017	21.810	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	41135	21.413	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	21683	22.674	ug/l	97
56) Ethyl methacrylate	10.508	69	28920	22.681	ug/l	98
57) 1,3-Dichloropropane	10.788	76	36581	22.459	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	74902	111.900	ug/l	99
59) 2-Hexanone	10.831	43	96093	128.566	ug/l	100
60) Dibromochloromethane	10.983	129	26063	22.390	ug/l	96
61) 1,2-Dibromoethane	11.087	107	20549	22.308	ug/l	98
64) Tetrachloroethene	10.721	164	23160	21.014	ug/l	98
65) Chlorobenzene	11.514	112	66298	20.868	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	26147	22.241	ug/l	99
67) Ethyl Benzene	11.593	91	114613	20.519	ug/l	97
68) m/p-Xylenes	11.703	106	88602	41.233	ug/l	99
69) o-Xylene	12.032	106	41550	20.719	ug/l	98
70) Styrene	12.044	104	70764	21.145	ug/l	99
71) Bromoform	12.209	173	17991	23.472	ug/l #	96
73) Isopropylbenzene	12.331	105	111462	19.223	ug/l	99
74) N-amyl acetate	12.142	43	37754	20.694	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	28891	22.165	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	36187	37.038	ug/l #	100
77) Bromobenzene	12.611	156	28346	20.123	ug/l	99
78) n-propylbenzene	12.672	91	139676	19.538	ug/l	99
79) 2-Chlorotoluene	12.757	91	77464	19.497	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	92729	19.378	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	9851	20.892	ug/l	98
82) 4-Chlorotoluene	12.855	91	82407	20.037	ug/l	99
83) tert-Butylbenzene	13.074	119	80034	19.378	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	92086	19.680	ug/l	100
85) sec-Butylbenzene	13.251	105	122756	19.482	ug/l	99
86) p-Isopropyltoluene	13.367	119	100608	19.537	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	55592	20.463	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	55982	20.190	ug/l	99
89) n-Butylbenzene	13.696	91	95095	19.290	ug/l	99
90) Hexachloroethane	13.958	117	21483	20.030	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	50920	20.734	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5062	24.030	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	30378	20.090	ug/l	99
94) Hexachlorobutadiene	15.111	225	17299	18.757	ug/l	98
95) Naphthalene	15.239	128	63099	20.824	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	27252	20.265	ug/l	98

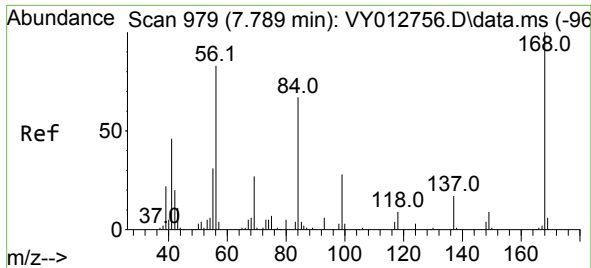
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032423\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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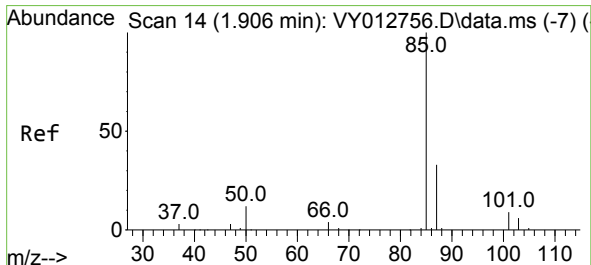
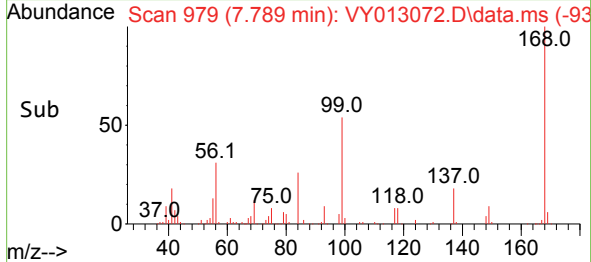
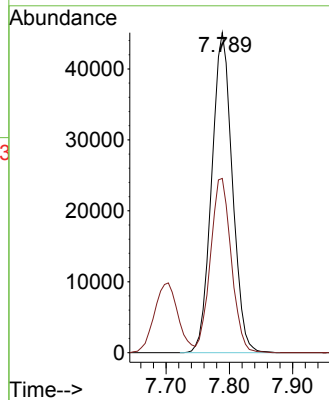
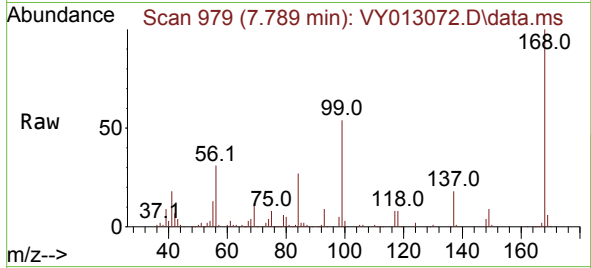
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

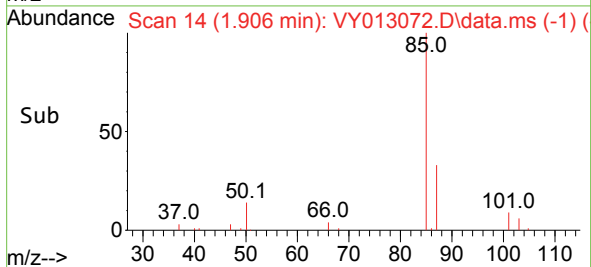
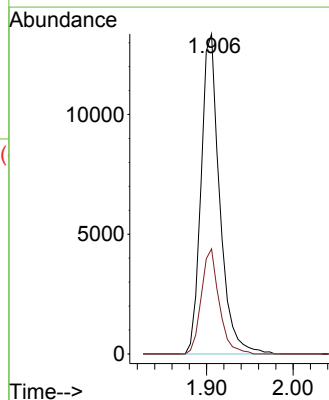
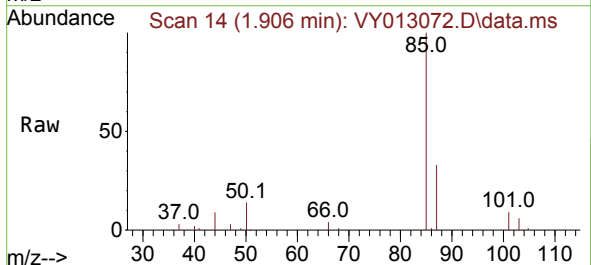
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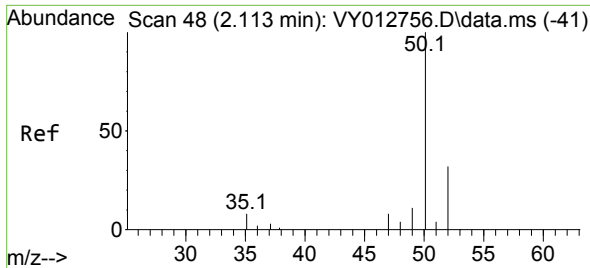
Tgt Ion:168 Resp: 102113
Ion Ratio Lower Upper
168 100
99 54.5 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 19.763 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

Tgt Ion: 85 Resp: 19891
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.0

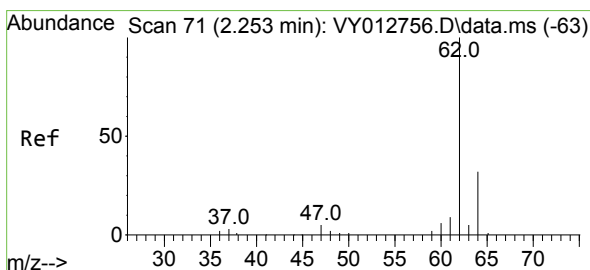
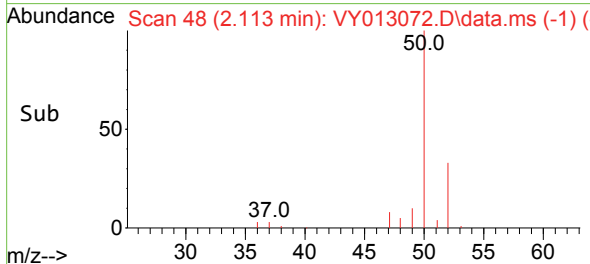
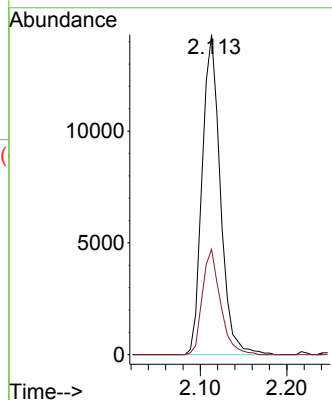
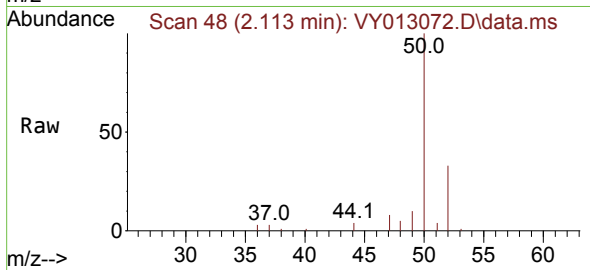




#3
Chloromethane
Concen: 17.357 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

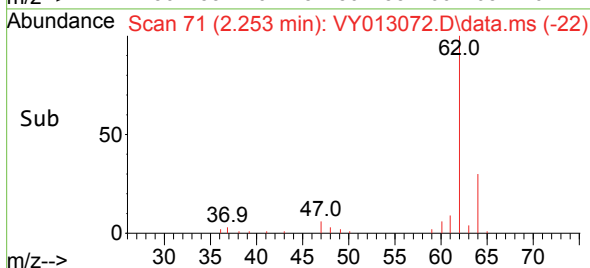
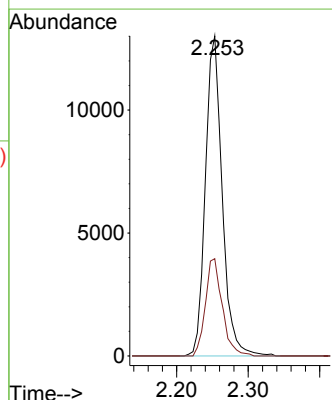
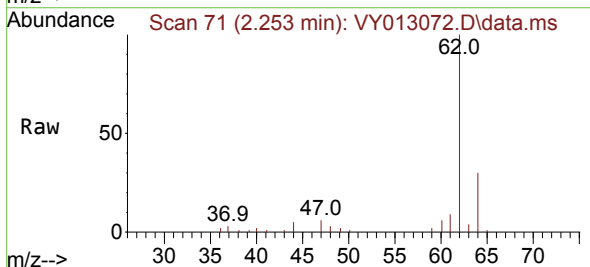
Instrument :
MSVOA_Y
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VY0324SBS01

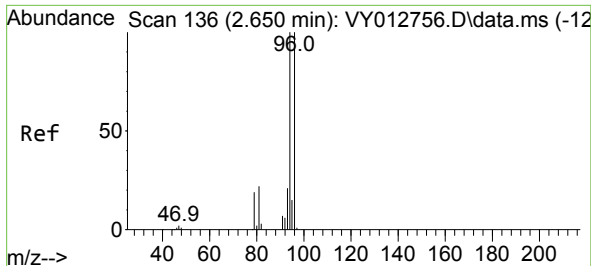
Tgt Ion: 50 Resp: 20885
Ion Ratio Lower Upper
50 100
52 32.9 26.0 39.0



#4
Vinyl Chloride
Concen: 19.244 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

Tgt Ion: 62 Resp: 21233
Ion Ratio Lower Upper
62 100
64 30.4 25.6 38.4





#5

Bromomethane

Concen: 21.383 ug/l

RT: 2.637 min Scan# 11

Delta R.T. -0.013 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

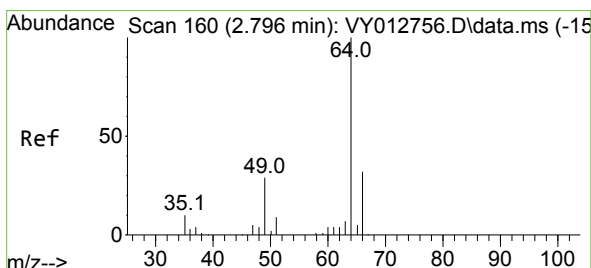
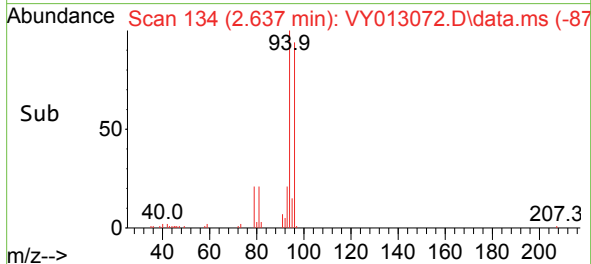
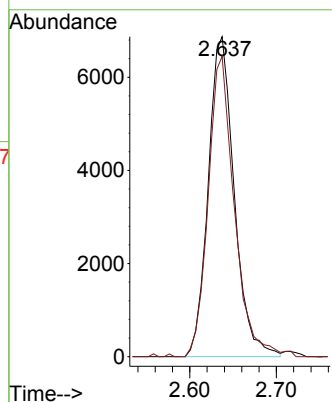
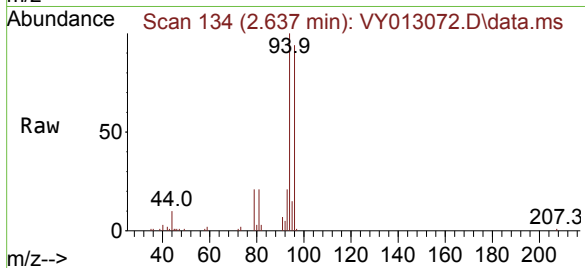
VY0324SBS01

Tgt Ion: 94 Resp: 14336

Ion Ratio Lower Upper

94 100

96 93.9 80.3 120.5



#6

Chloroethane

Concen: 20.840 ug/l

RT: 2.784 min Scan# 158

Delta R.T. -0.012 min

Lab File: VY013072.D

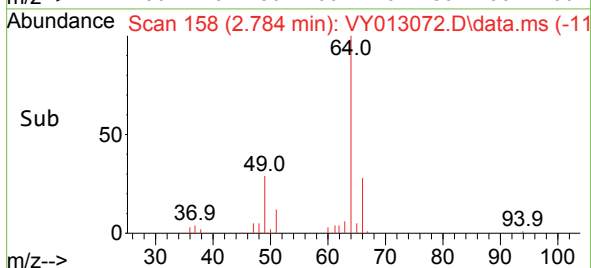
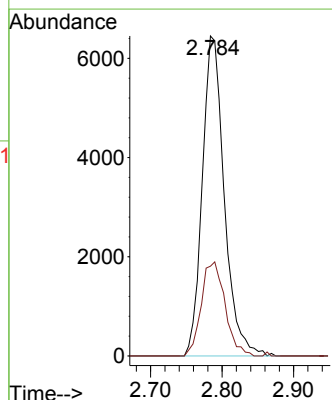
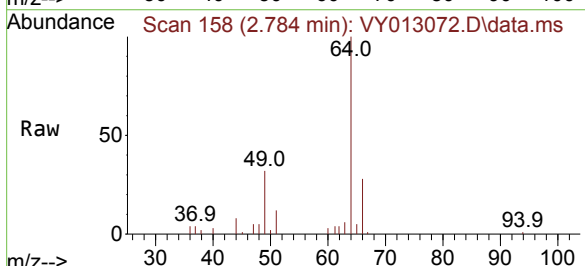
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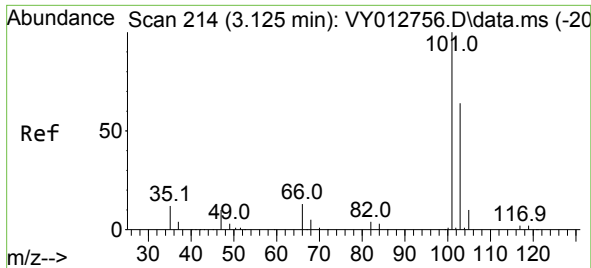
Tgt Ion: 64 Resp: 13771

Ion Ratio Lower Upper

64 100

66 28.0 25.7 38.5

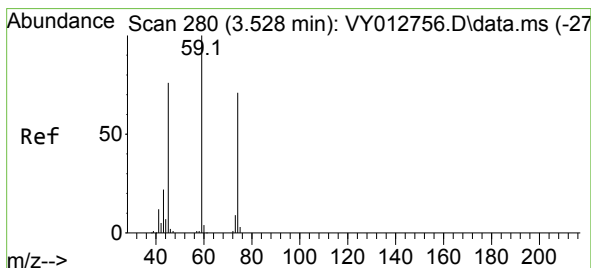
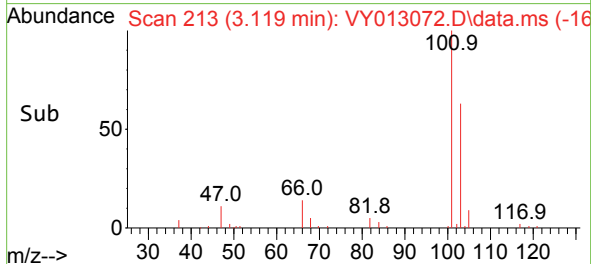
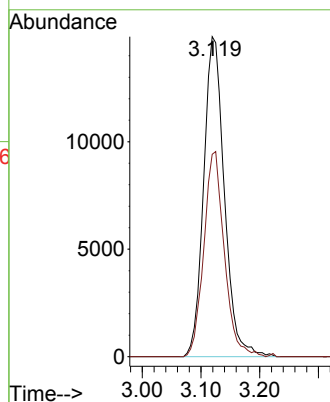
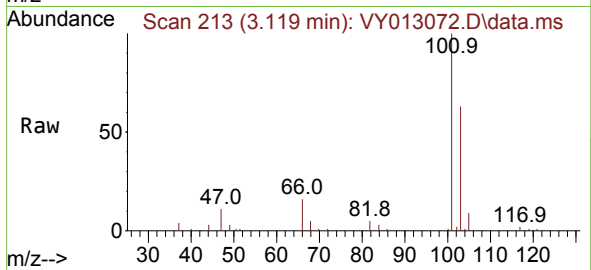




#7
Trichlorofluoromethane
Concen: 19.929 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

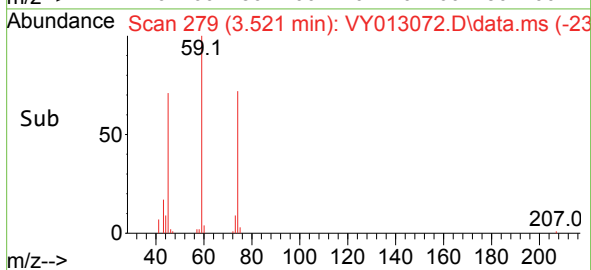
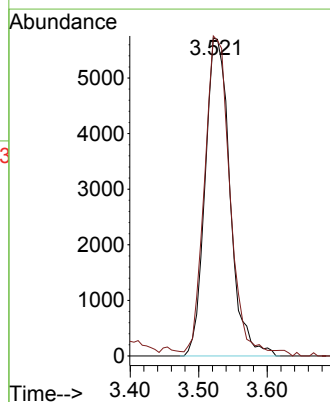
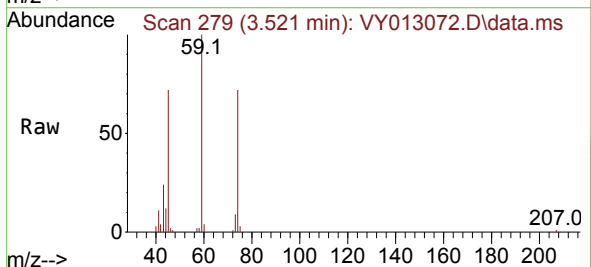
Instrument :
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VY0324SBS01

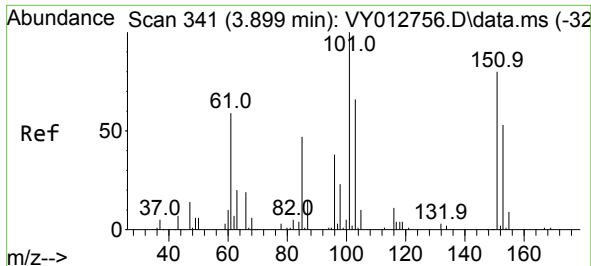
Tgt Ion:101 Resp: 36521
Ion Ratio Lower Upper
101 100
103 63.2 51.5 77.3



#8
Diethyl Ether
Concen: 22.461 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.007 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

Tgt Ion: 74 Resp: 14424
Ion Ratio Lower Upper
74 100
45 103.7 52.1 156.4

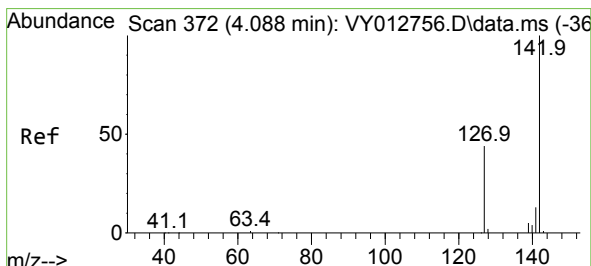
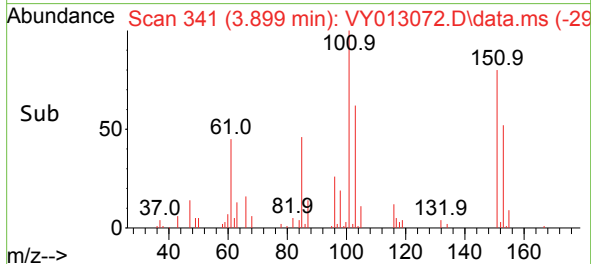
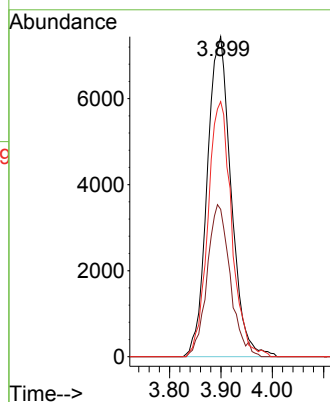
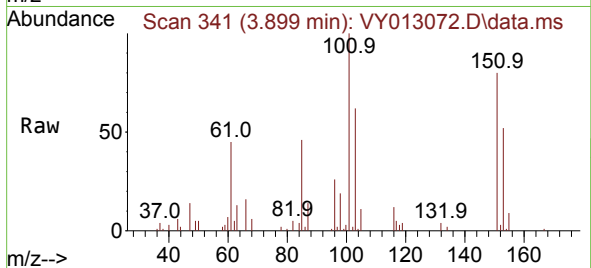




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.813 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

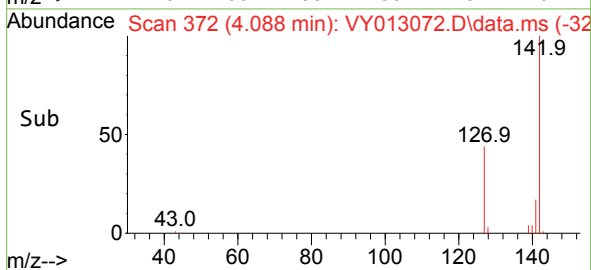
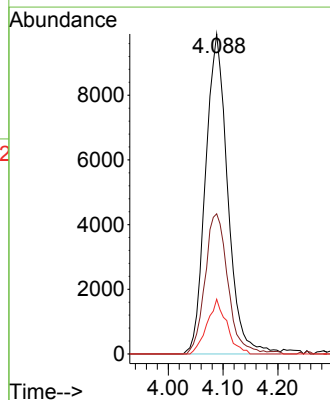
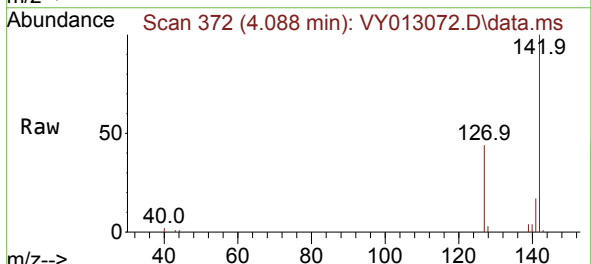
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

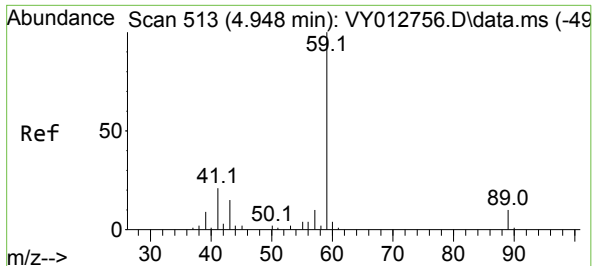
Tgt Ion:	101	Resp:	24050
Ion	Ratio	Lower	Upper
101	100		
85	45.9	35.3	52.9
151	79.2	63.1	94.7



#10
Methyl Iodide
Concen: 19.301 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

Tgt Ion:	142	Resp:	27727
Ion	Ratio	Lower	Upper
142	100		
127	45.3	35.4	53.2
141	15.3	11.3	16.9





#11

Tert butyl alcohol

Concen: 152.879 ug/l

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

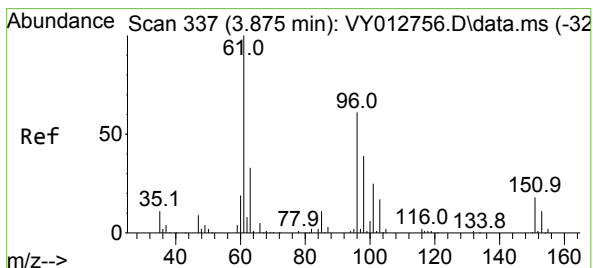
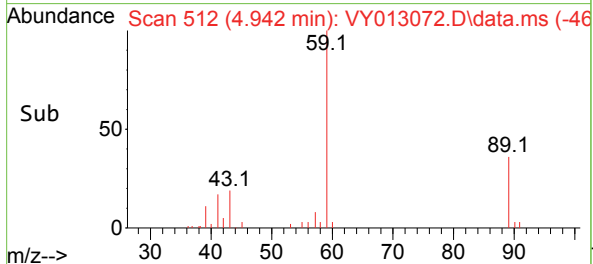
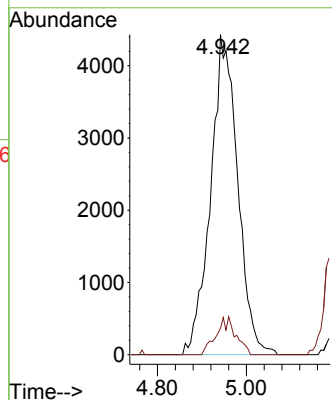
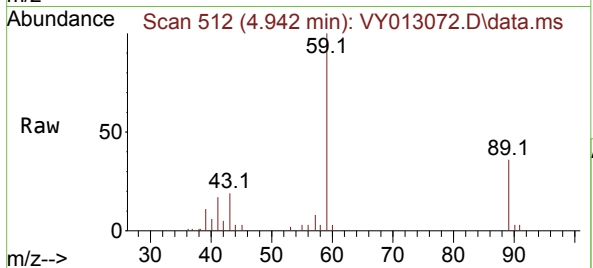
VY0324SBS01

Tgt Ion: 59 Resp: 18738

Ion Ratio Lower Upper

59 100

57 8.5 7.7 11.5



#12

1,1-Dichloroethene

Concen: 20.803 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

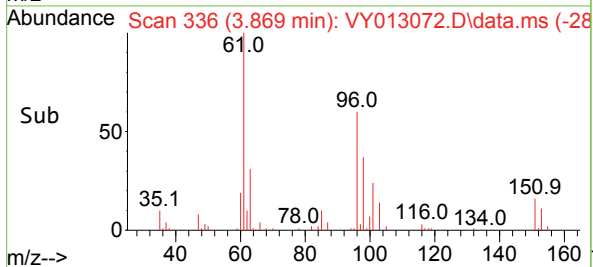
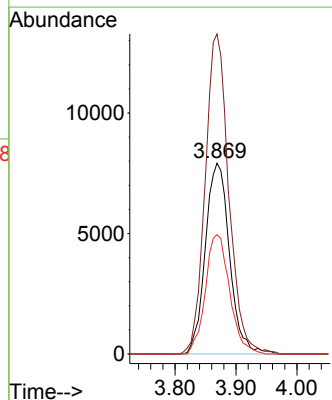
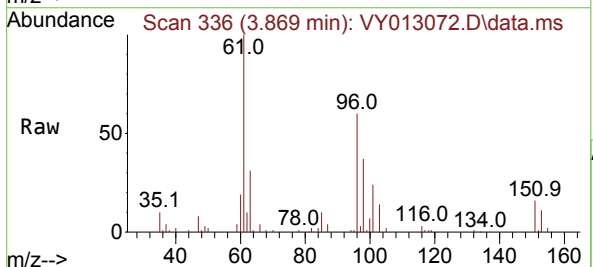
Tgt Ion: 96 Resp: 21875

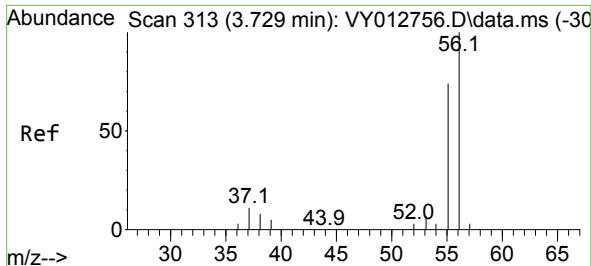
Ion Ratio Lower Upper

96 100

61 167.8 131.7 197.5

98 62.6 52.0 78.0





#13

Acrolein

Concen: 80.078 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

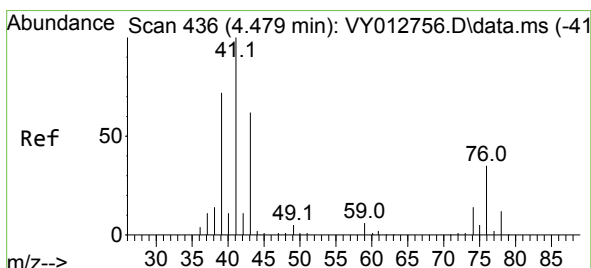
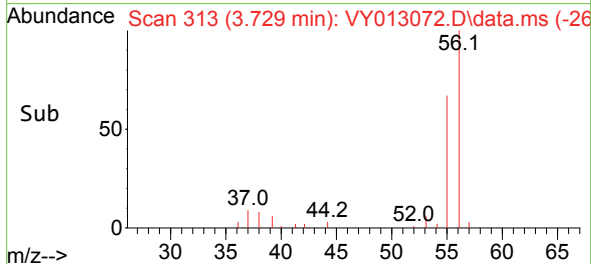
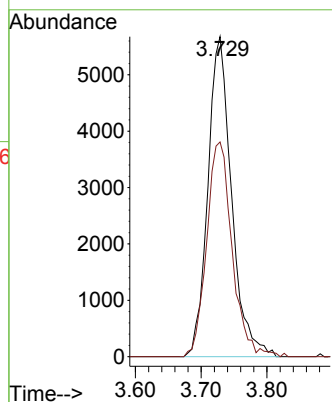
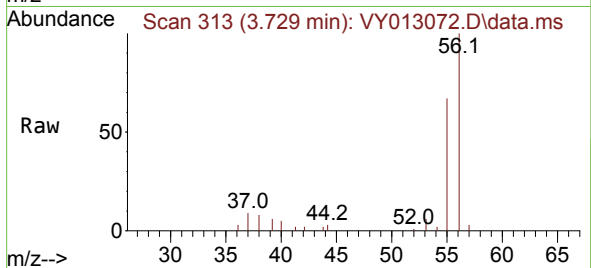
VY0324SBS01

Tgt Ion: 56 Resp: 14224

Ion Ratio Lower Upper

56 100

55 72.1 56.8 85.2



#14

Allyl chloride

Concen: 20.473 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.001 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

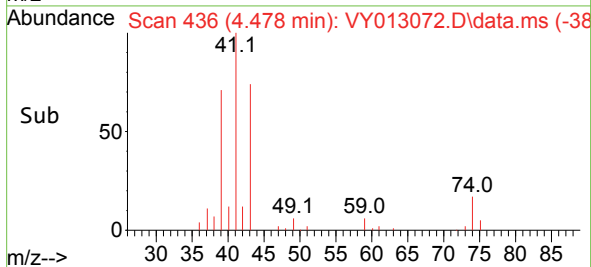
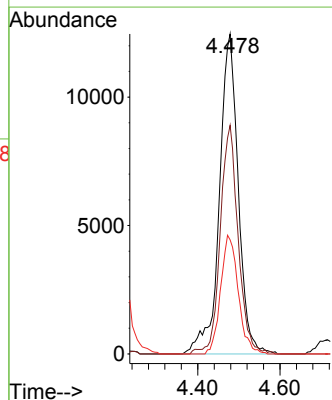
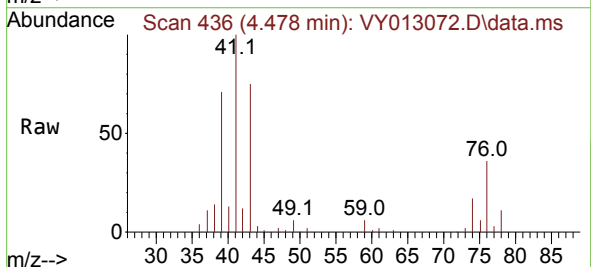
Tgt Ion: 41 Resp: 39766

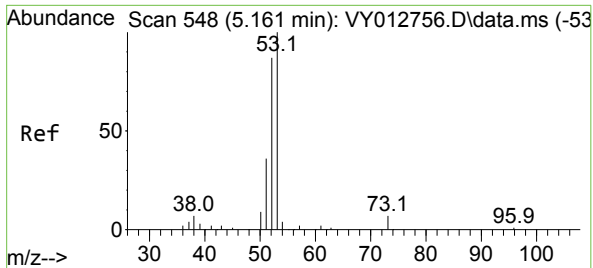
Ion Ratio Lower Upper

41 100

39 67.6 53.6 80.4

76 34.6 27.2 40.8





#15

Acrylonitrile

Concen: 122.487 ug/l

RT: 5.155 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

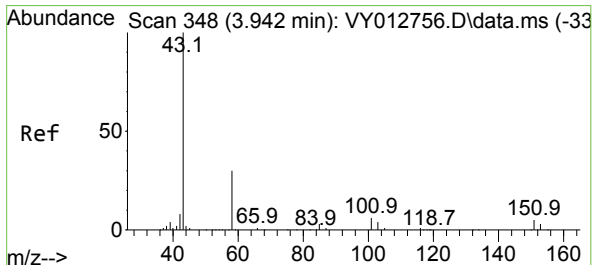
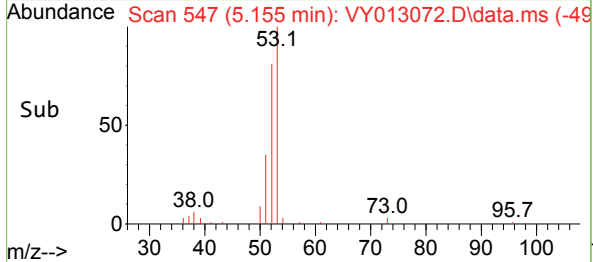
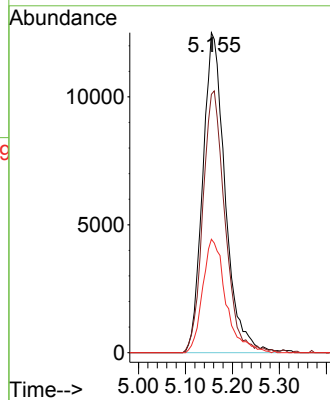
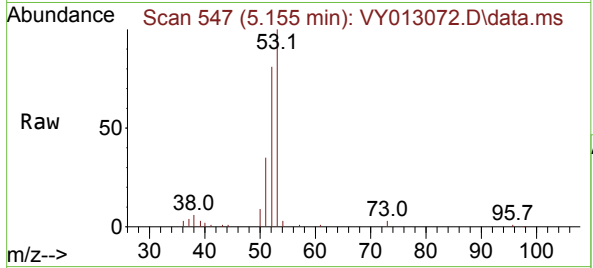
Tgt Ion: 53 Resp: 41446

Ion Ratio Lower Upper

53 100

52 81.0 66.3 99.5

51 36.9 28.8 43.2



#16

Acetone

Concen: 126.299 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

Lab File: VY013072.D

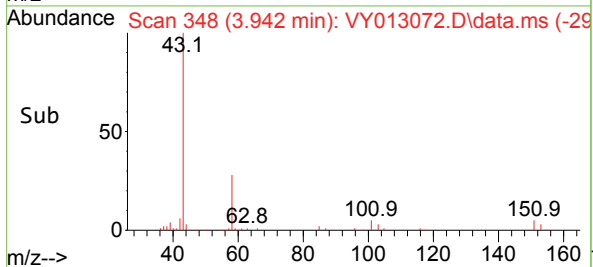
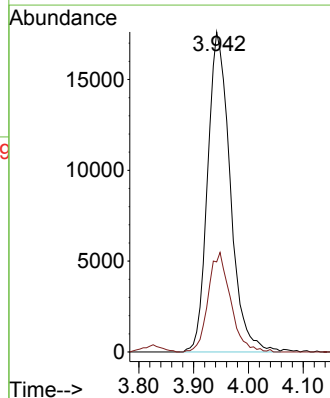
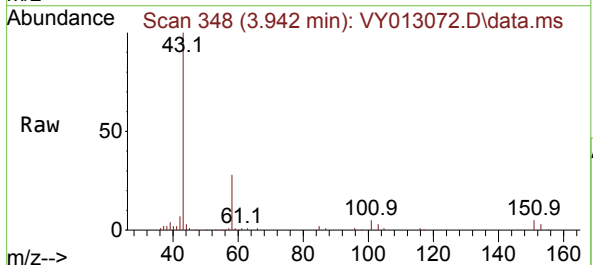
Acq: 24 Mar 2023 12:36

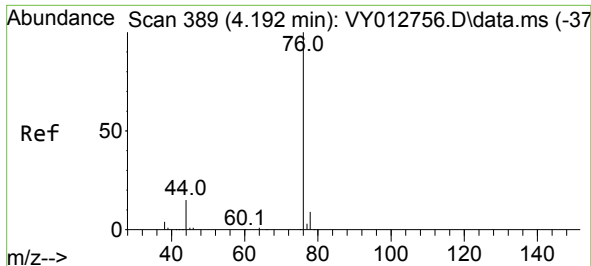
Tgt Ion: 43 Resp: 50260

Ion Ratio Lower Upper

43 100

58 28.2 24.2 36.2

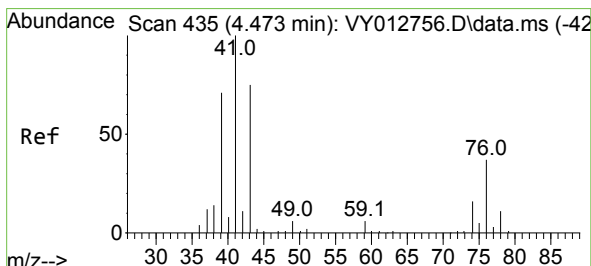
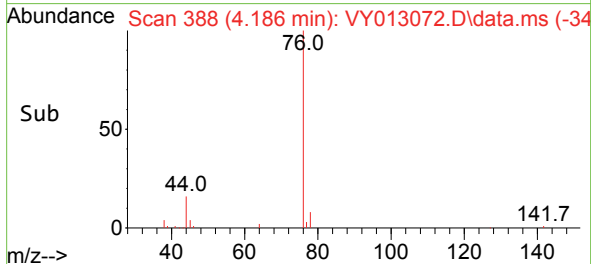
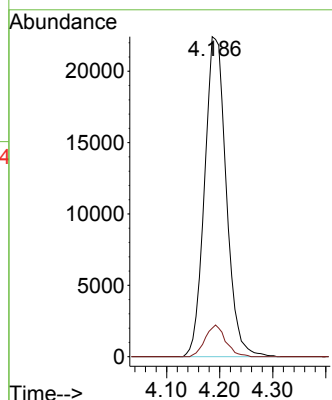
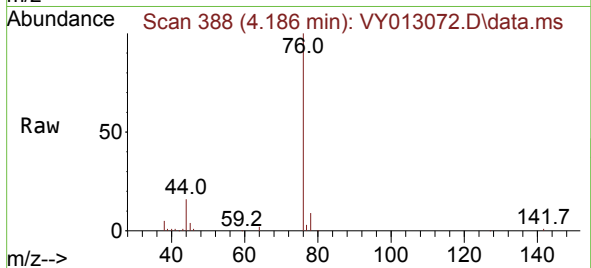




#17
Carbon Disulfide
Concen: 17.790 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

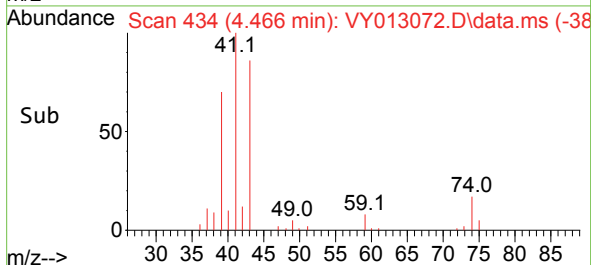
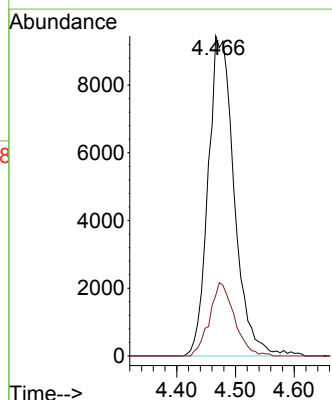
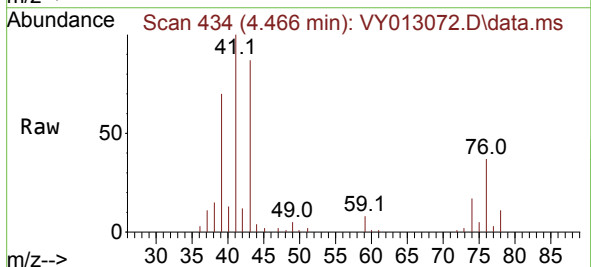
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

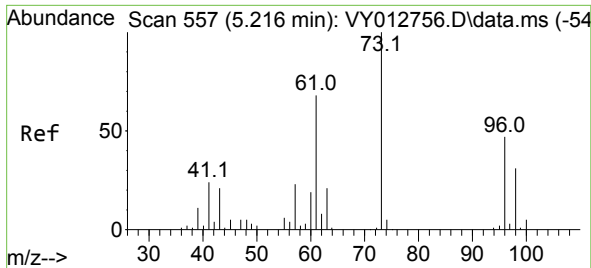
Tgt Ion: 76 Resp: 63673
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 24.496 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

Tgt Ion: 43 Resp: 29029
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.0

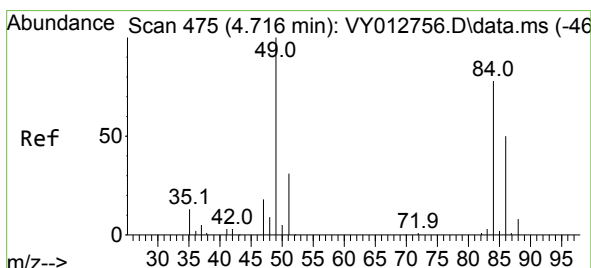
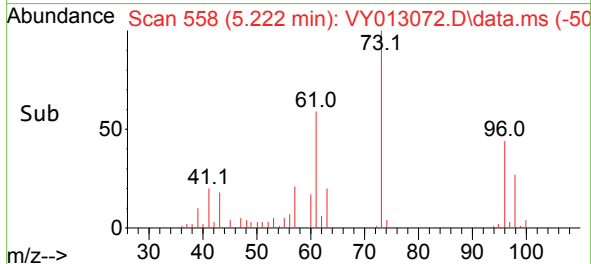
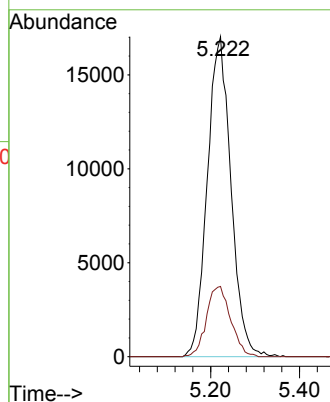
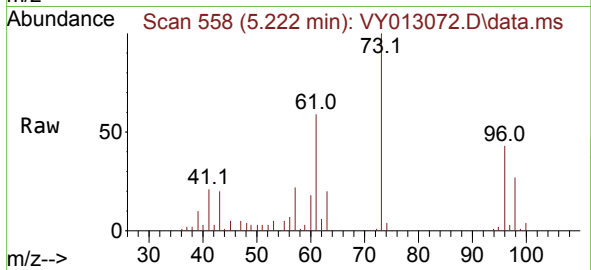




#19
Methyl tert-butyl Ether
Concen: 23.173 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

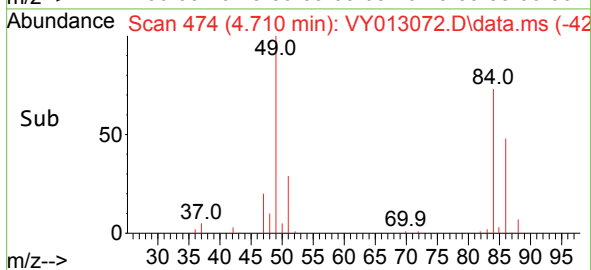
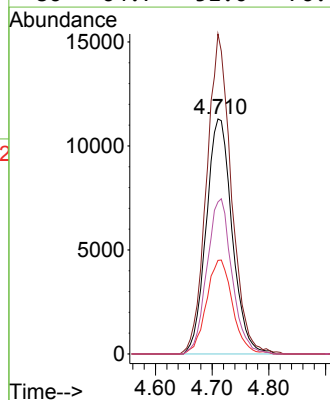
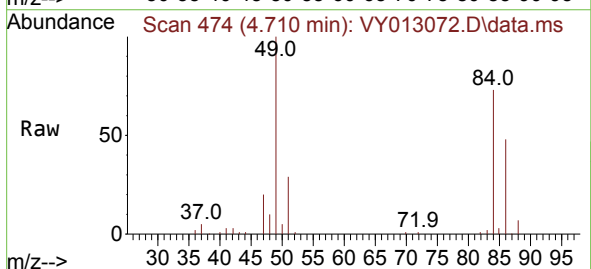
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

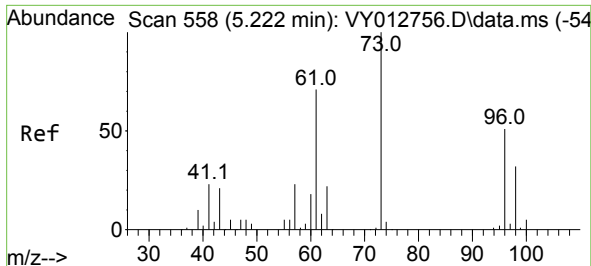
Tgt Ion: 73 Resp: 62939
Ion Ratio Lower Upper
73 100
57 22.0 18.3 27.5



#20
Methylene Chloride
Concen: 27.064 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

Tgt Ion: 84 Resp: 35858
Ion Ratio Lower Upper
84 100
49 136.2 102.6 154.0
51 39.9 31.9 47.9
86 64.7 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 21.449 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

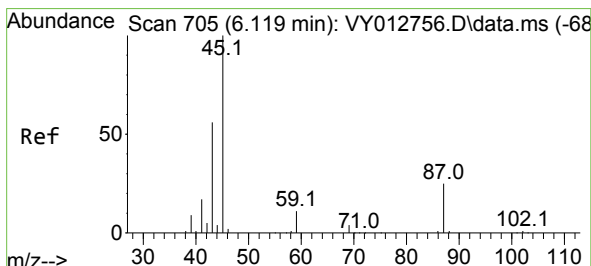
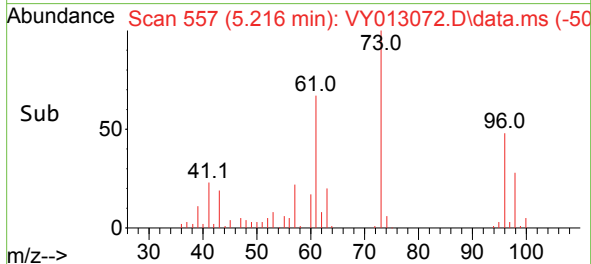
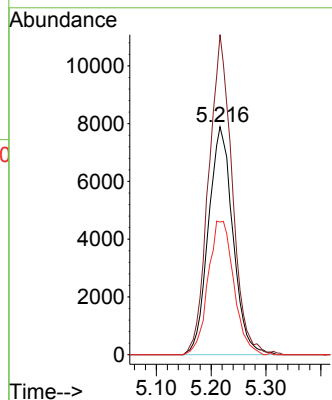
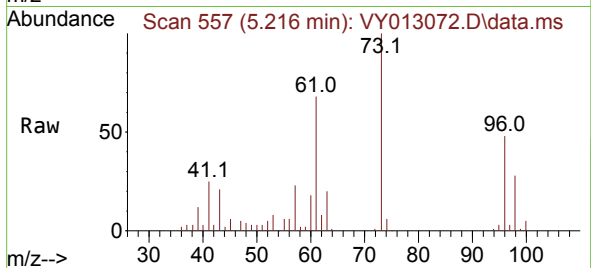
Tgt Ion: 96 Resp: 24510

Ion Ratio Lower Upper

96 100

61 140.4 111.4 167.0

98 58.2 50.8 76.2



#22

Diisopropyl ether

Concen: 22.787 ug/l

RT: 6.118 min Scan# 705

Delta R.T. -0.001 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

Tgt Ion: 45 Resp: 80390

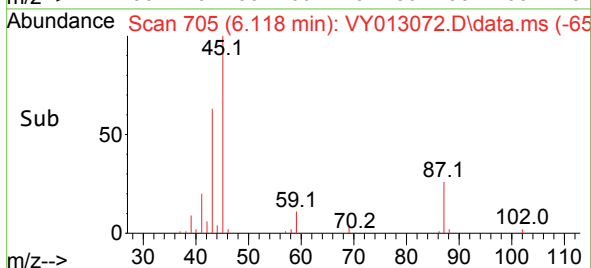
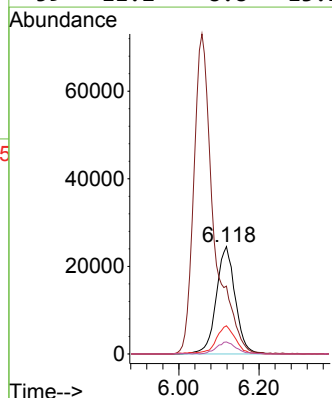
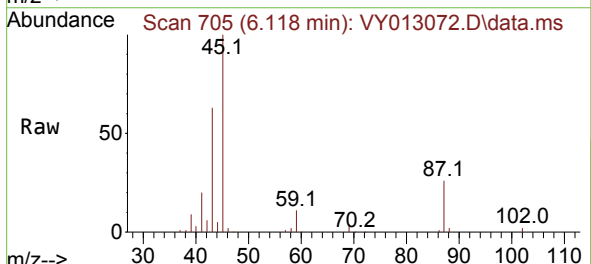
Ion Ratio Lower Upper

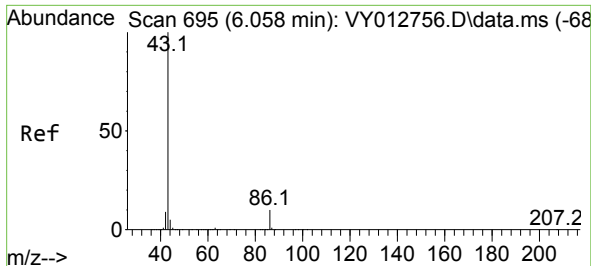
45 100

43 62.8 45.0 67.6

87 26.2 20.3 30.5

59 11.2 8.8 13.2

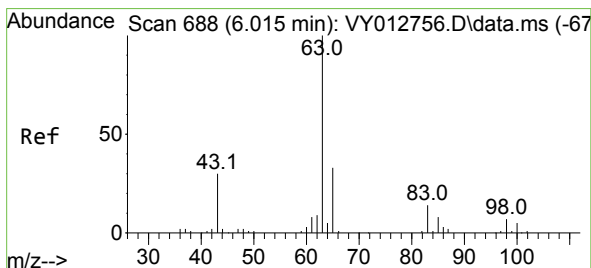
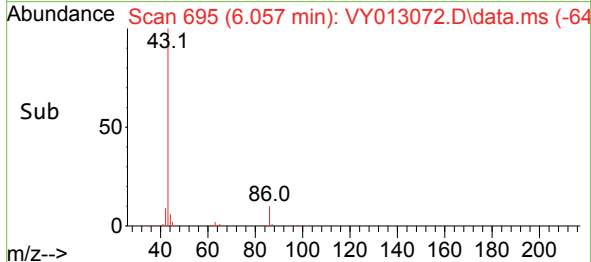
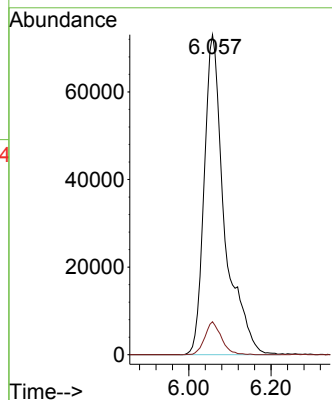
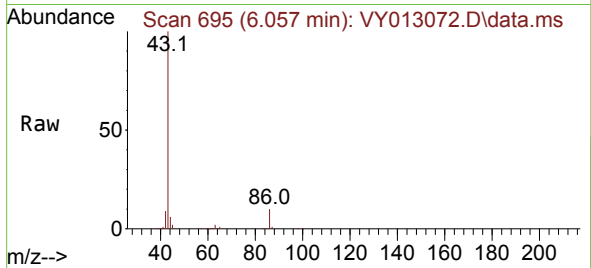




#23
 Vinyl Acetate
 Concen: 114.450 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.001 min
 Lab File: VY013072.D
 Acq: 24 Mar 2023 12:36

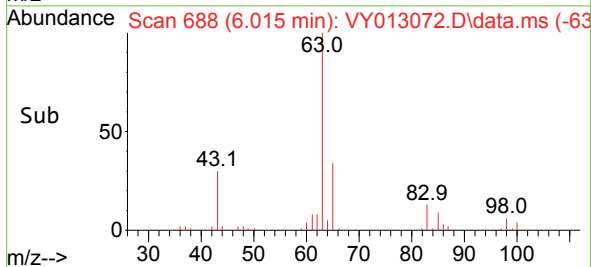
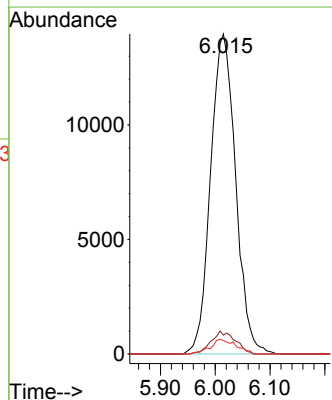
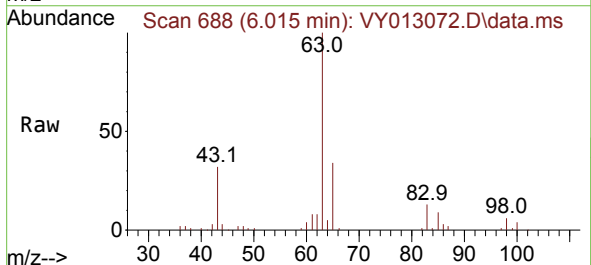
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

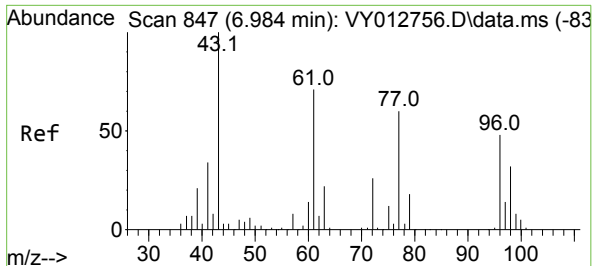
Tgt Ion: 43 Resp: 250882
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 22.039 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013072.D
 Acq: 24 Mar 2023 12:36

Tgt Ion: 63 Resp: 44305
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.7 11.1
 100 4.2 2.3 6.8





#25

2-Butanone

Concen: 129.506 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

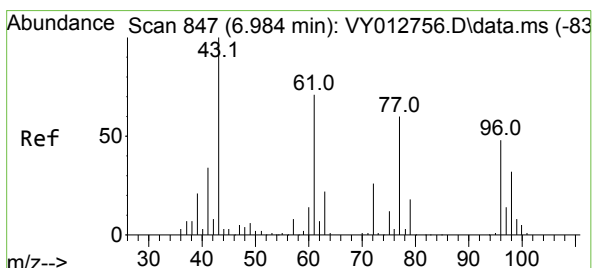
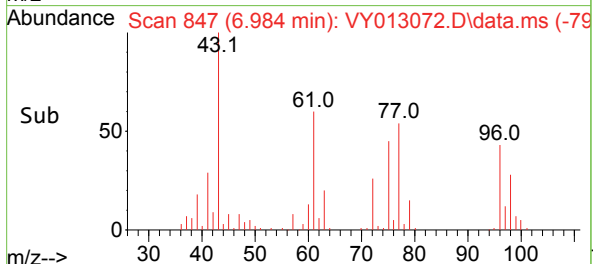
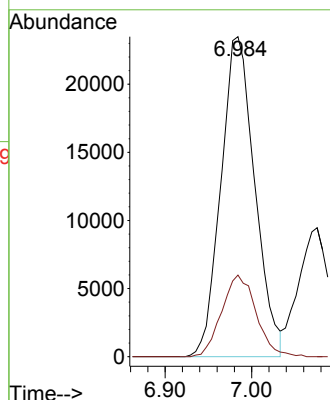
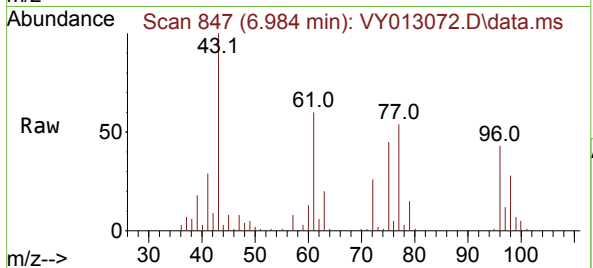
VY0324SBS01

Tgt Ion: 43 Resp: 63832

Ion Ratio Lower Upper

43 100

72 25.5 21.0 31.4



#26

2,2-Dichloropropane

Concen: 22.379 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013072.D

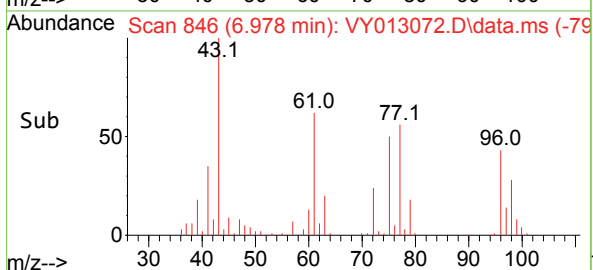
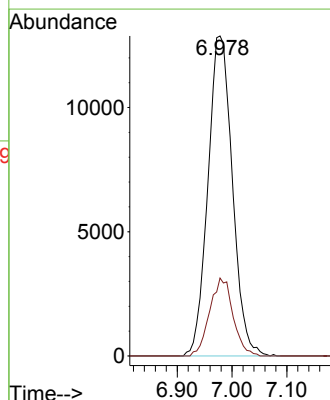
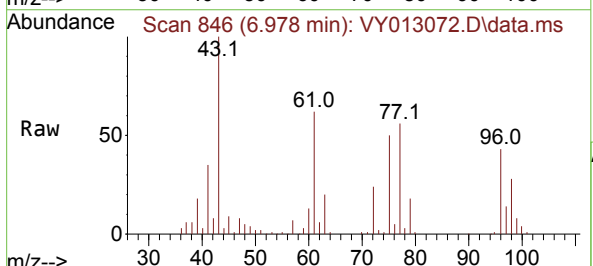
Acq: 24 Mar 2023 12:36

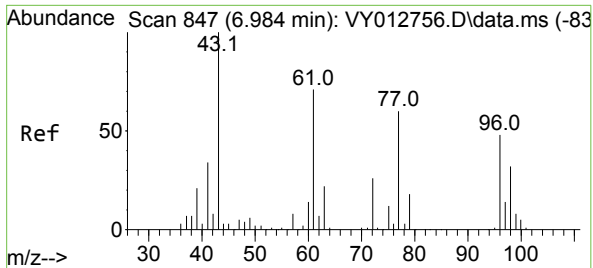
Tgt Ion: 77 Resp: 39958

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.0



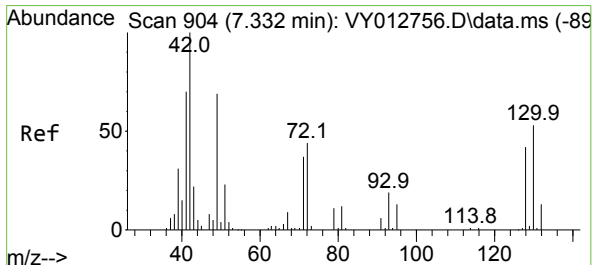
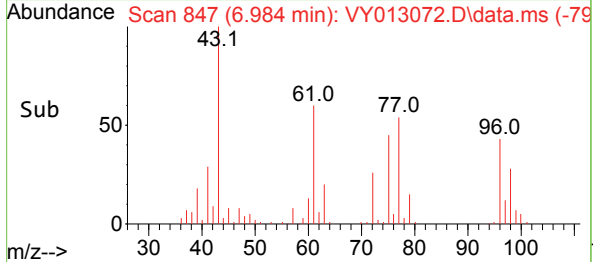
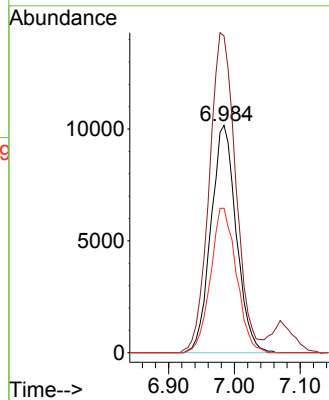
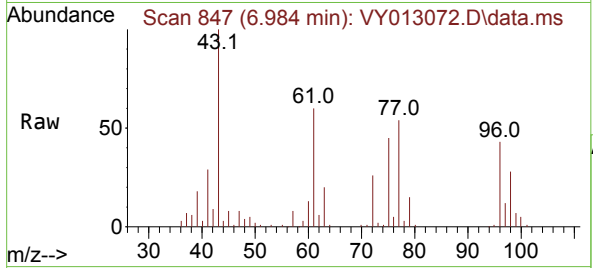


#27
 cis-1,2-Dichloroethene
 Concen: 22.284 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY013072.D
 Acq: 24 Mar 2023 12:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Tgt Ion: 96 Resp: 27301

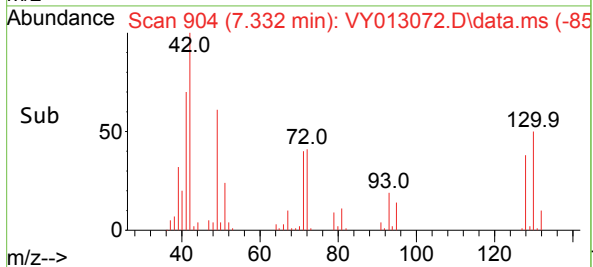
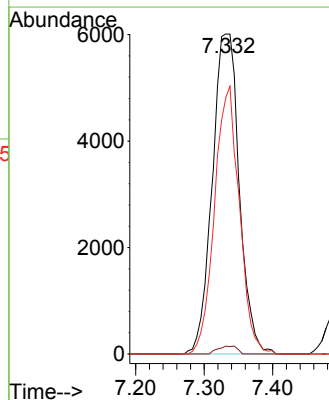
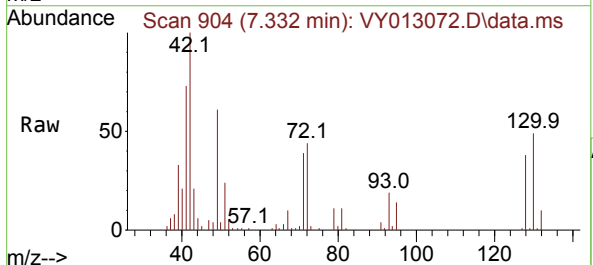
Ion	Ratio	Lower	Upper
96	100		
61	147.5	0.0	295.8
98	64.7	0.0	130.2



#28
 Bromochloromethane
 Concen: 22.395 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013072.D
 Acq: 24 Mar 2023 12:36

Tgt Ion: 49 Resp: 16453

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.2
130	76.8	60.5	90.7





#29

Tetrahydrofuran

Concen: 125.966 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

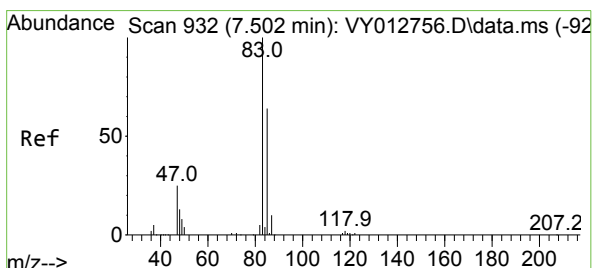
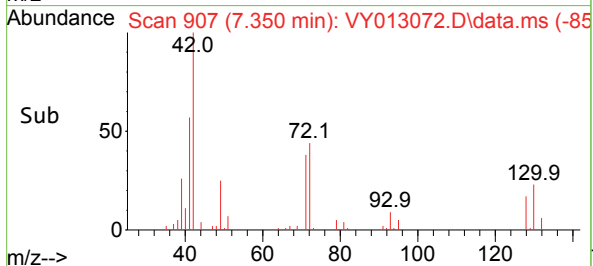
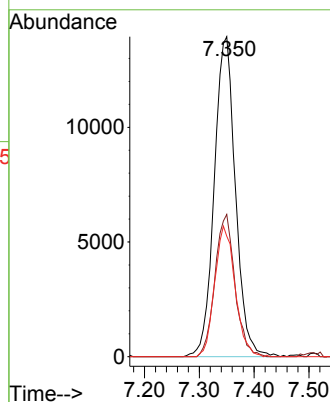
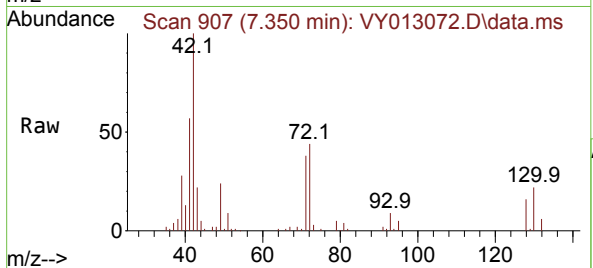
Tgt Ion: 42 Resp: 37446

Ion Ratio Lower Upper

42 100

72 42.1 32.3 48.5

71 39.3 30.3 45.5



#30

Chloroform

Concen: 23.163 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013072.D

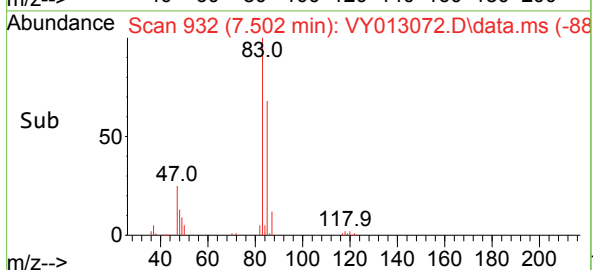
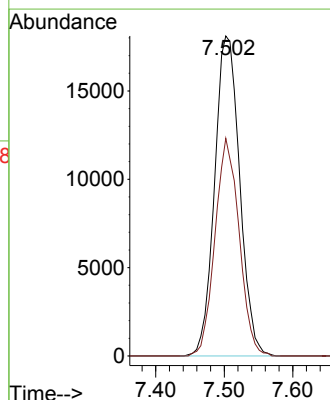
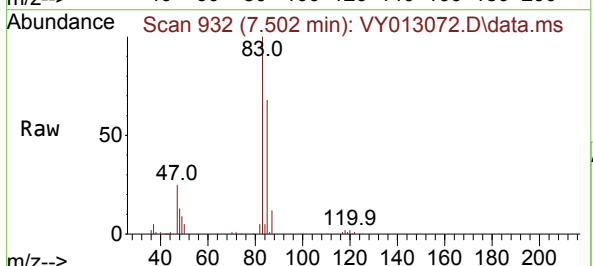
Acq: 24 Mar 2023 12:36

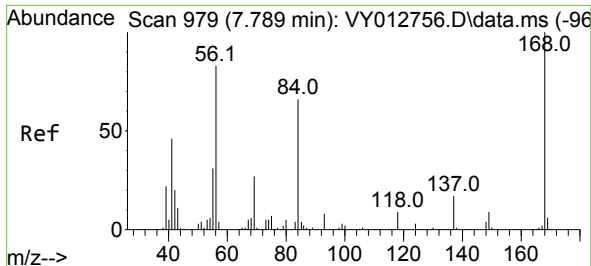
Tgt Ion: 83 Resp: 45996

Ion Ratio Lower Upper

83 100

85 68.0 51.4 77.0





#31

Cyclohexane

Concen: 19.837 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

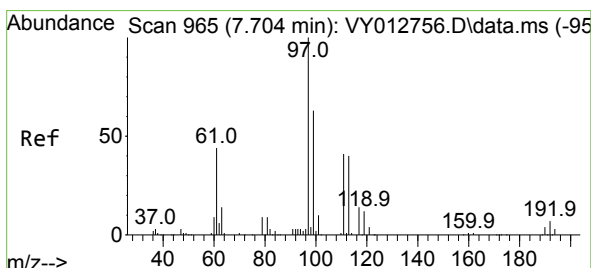
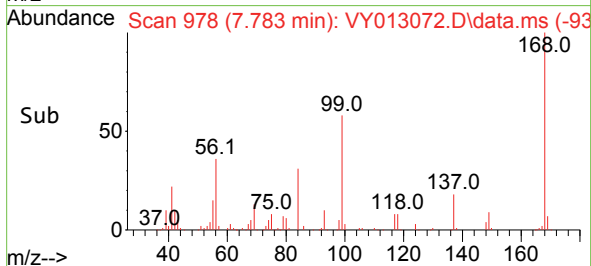
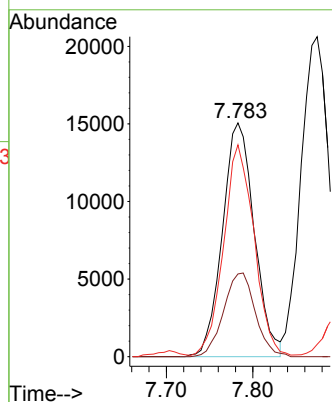
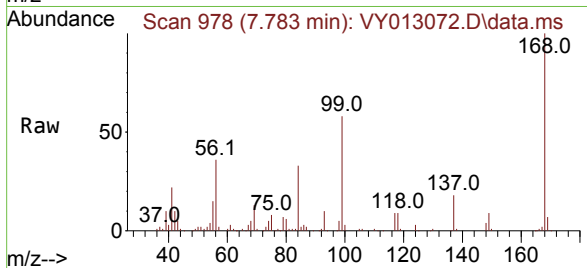
Tgt Ion: 56 Resp: 38518

Ion Ratio Lower Upper

56 100

69 35.4 25.7 38.5

84 89.4 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 22.103 ug/l

RT: 7.697 min Scan# 964

Delta R.T. -0.007 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

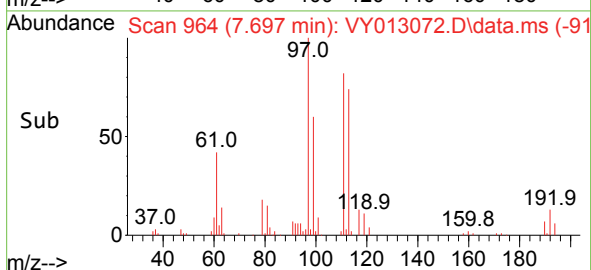
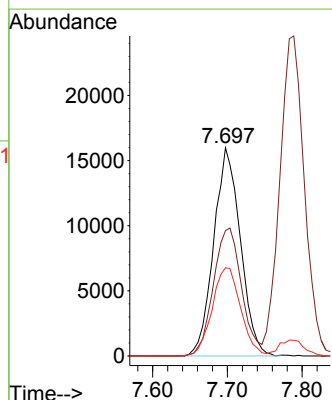
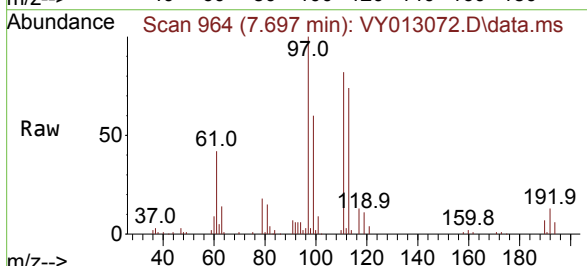
Tgt Ion: 97 Resp: 39691

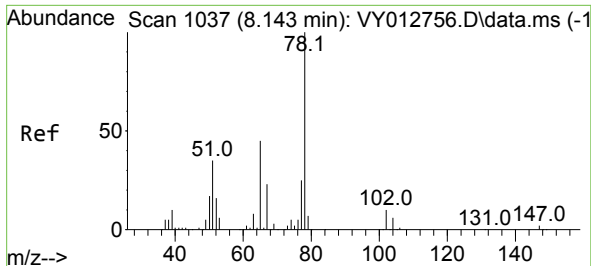
Ion Ratio Lower Upper

97 100

99 65.1 51.0 76.6

61 45.2 34.5 51.7

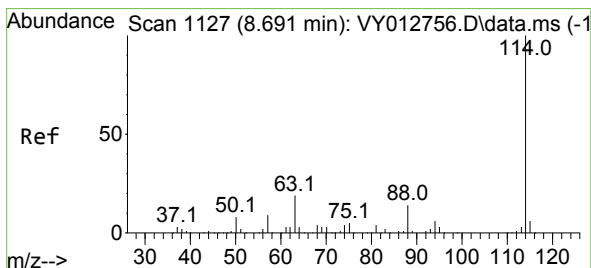
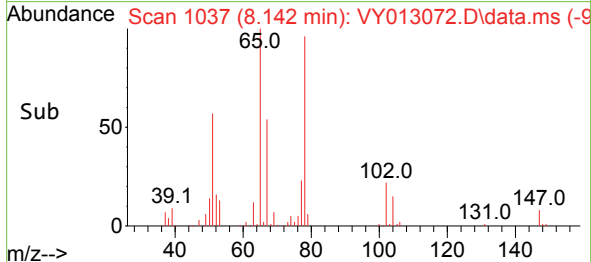
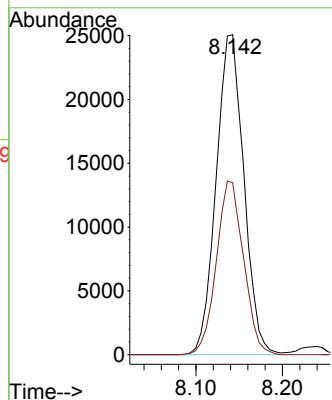
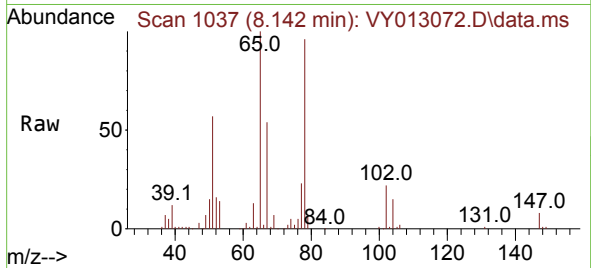




#33
 1,2-Dichloroethane-d4
 Concen: 54.973 ug/l
 RT: 8.142 min Scan# 1103
 Delta R.T. -0.001 min
 Lab File: VY013072.D
 Acq: 24 Mar 2023 12:36

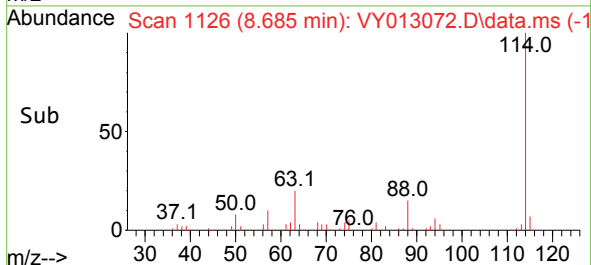
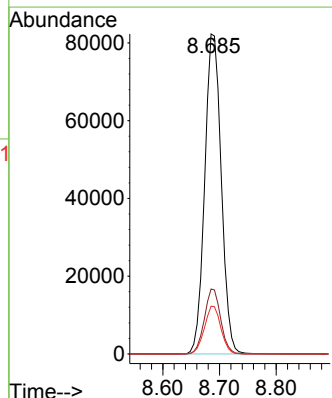
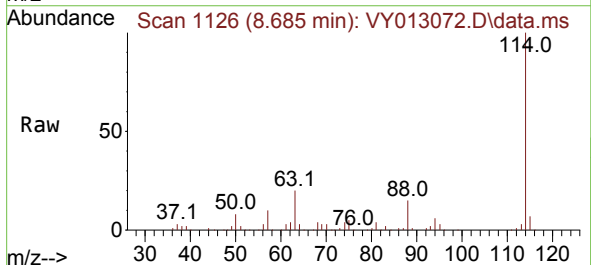
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Tgt Ion: 65 Resp: 55734
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY013072.D
 Acq: 24 Mar 2023 12:36

Tgt Ion:114 Resp: 166708
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 37.4
 88 14.9 0.0 28.6

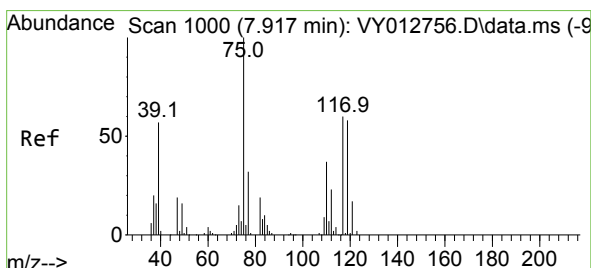
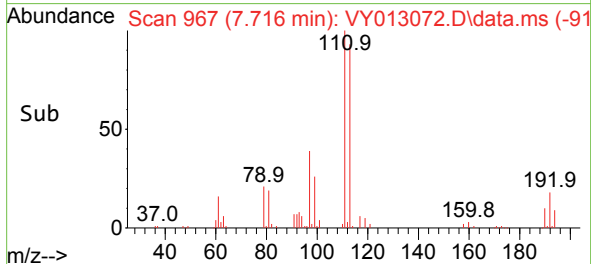
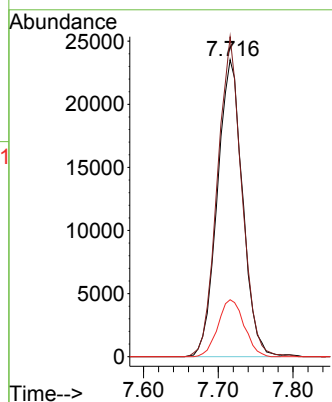
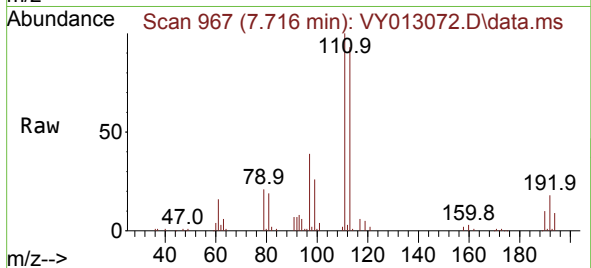




#35
Dibromofluoromethane
Concen: 54.891 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

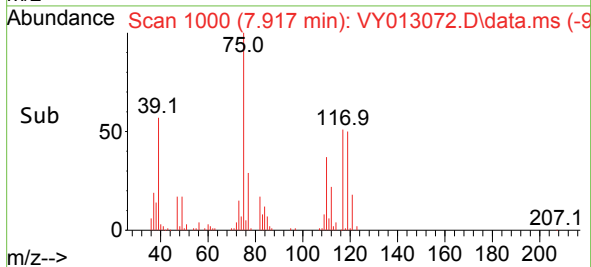
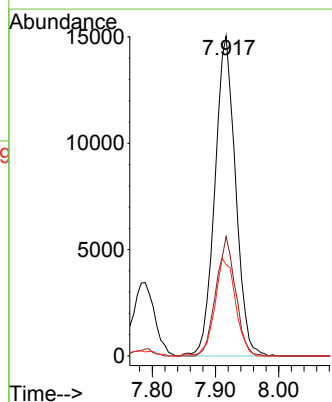
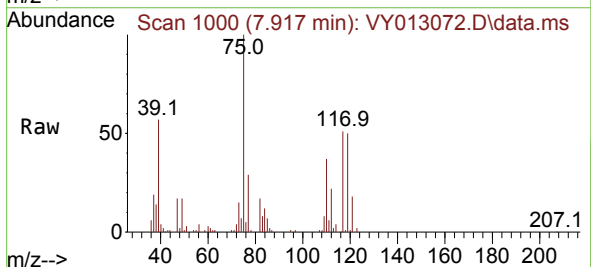
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

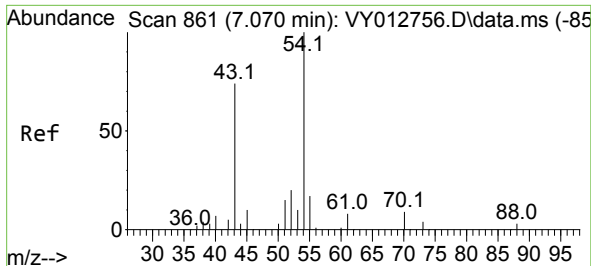
Tgt Ion:113 Resp: 55225
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 19.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.194 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

Tgt Ion: 75 Resp: 34046
Ion Ratio Lower Upper
75 100
110 35.2 17.8 53.3
77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 24.090 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

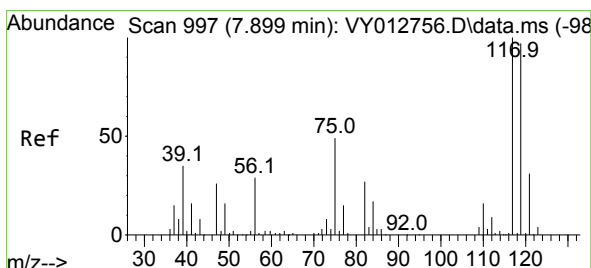
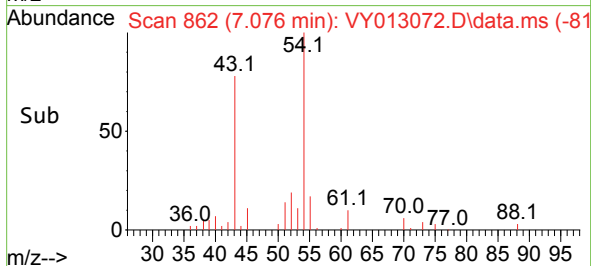
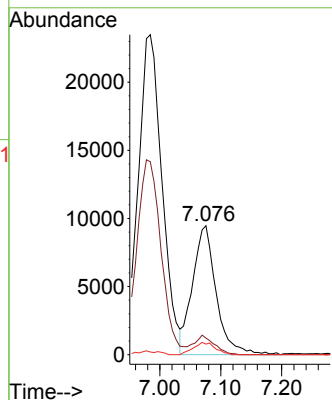
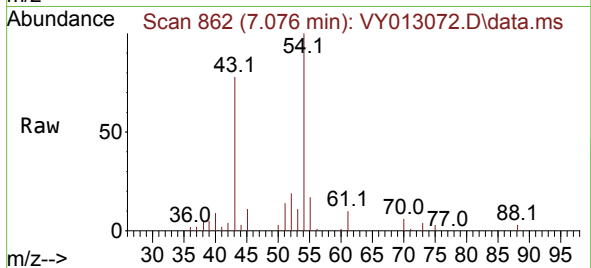
Tgt Ion: 43 Resp: 25599

Ion Ratio Lower Upper

43 100

61 12.5 10.7 16.1

70 8.7 7.8 11.8



#38

Carbon Tetrachloride

Concen: 20.908 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

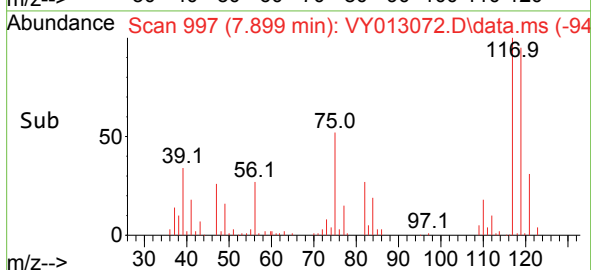
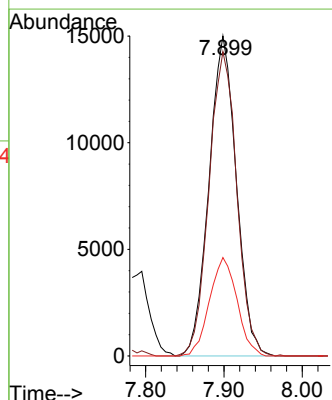
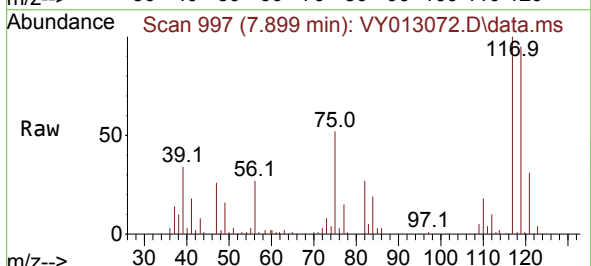
Tgt Ion: 117 Resp: 36402

Ion Ratio Lower Upper

117 100

119 94.7 77.2 115.8

121 30.7 24.7 37.1





#39

Methylcyclohexane

Concen: 18.463 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

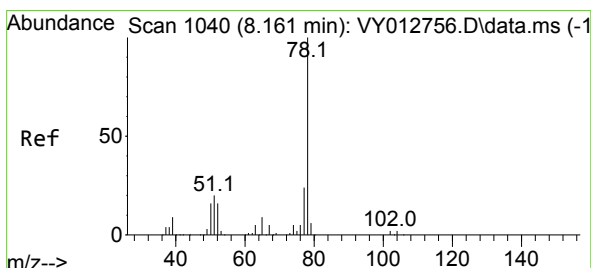
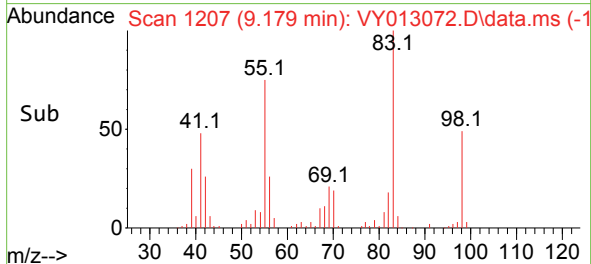
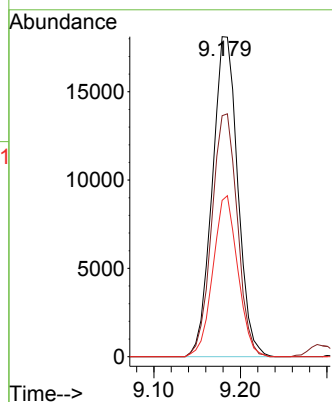
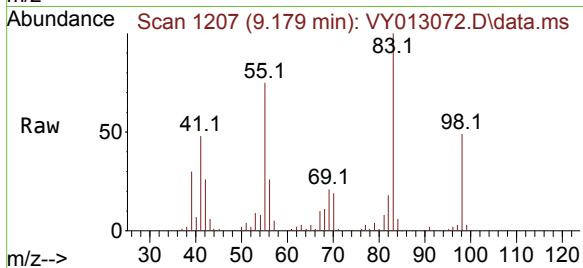
Tgt Ion: 83 Resp: 37008

Ion Ratio Lower Upper

83 100

55 75.3 60.0 90.0

98 48.9 38.3 57.5



#40

Benzene

Concen: 20.558 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013072.D

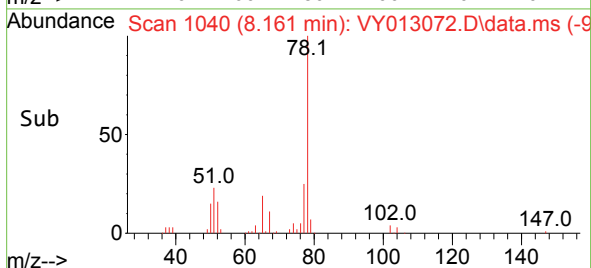
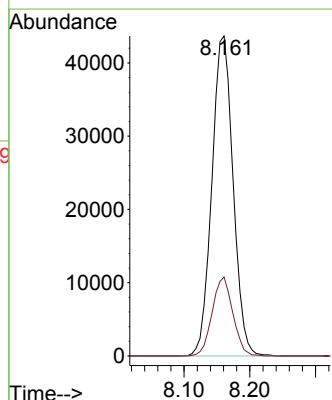
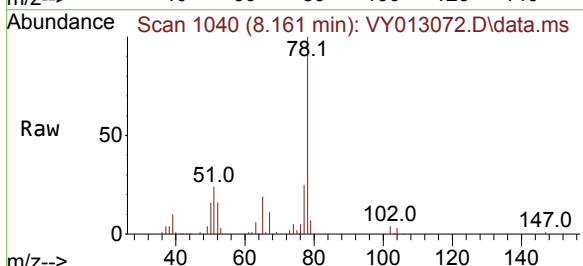
Acq: 24 Mar 2023 12:36

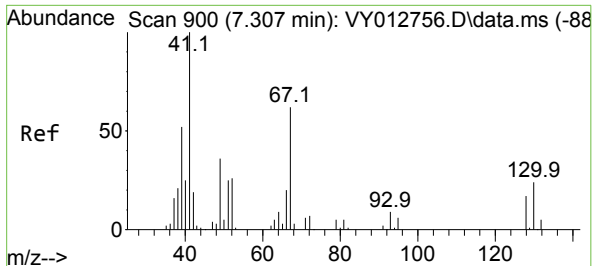
Tgt Ion: 78 Resp: 98045

Ion Ratio Lower Upper

78 100

77 24.7 19.4 29.0

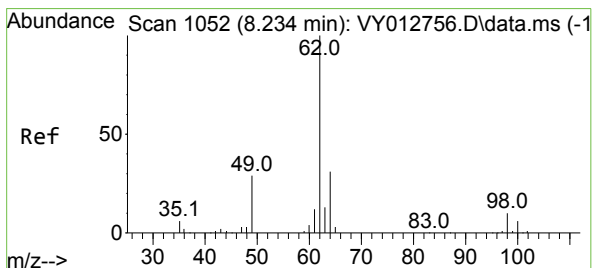
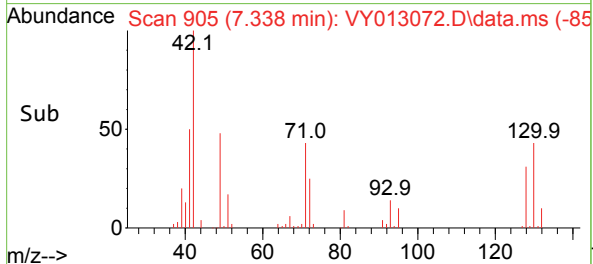
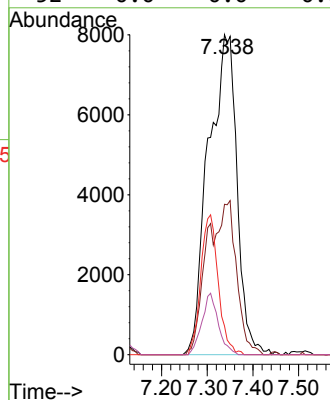
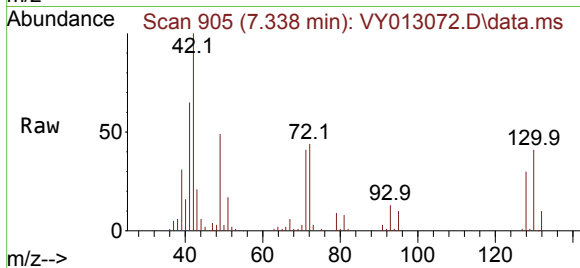




#41
Methacrylonitrile
Concen: 60.344 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.030 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

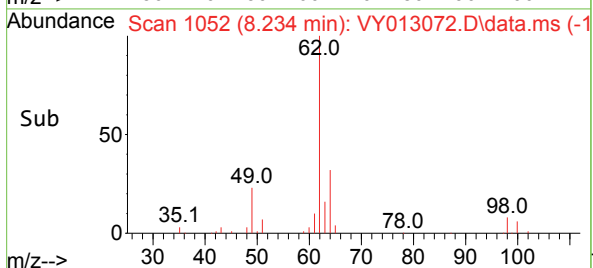
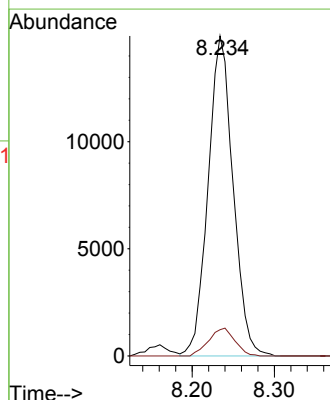
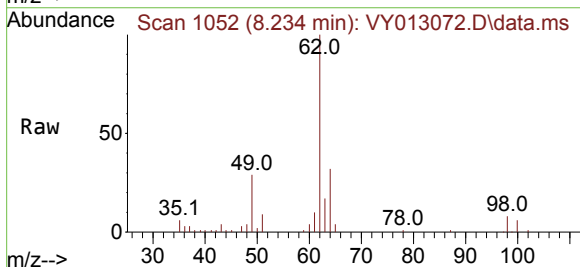
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

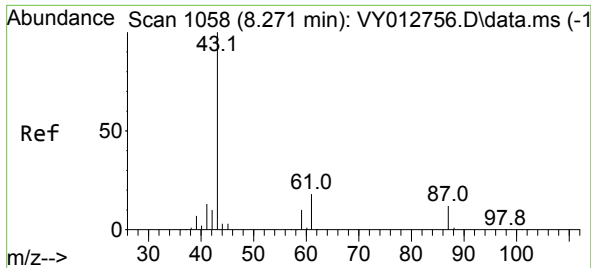
Tgt Ion:	41	Resp:	34548
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 21.977 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

Tgt Ion:	62	Resp:	31512
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.8

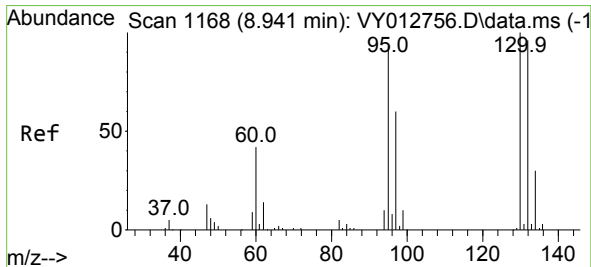
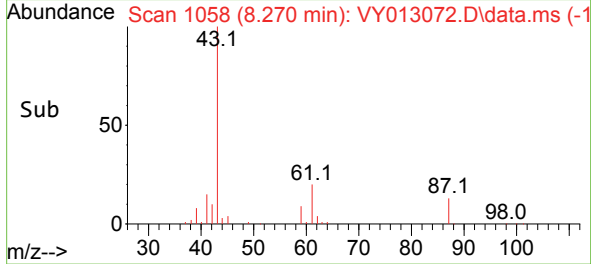
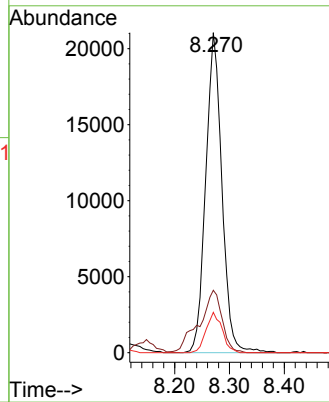
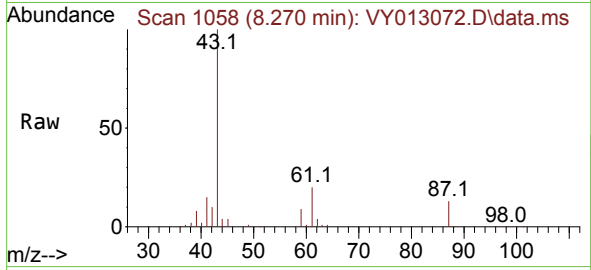




#43
Isopropyl Acetate
Concen: 22.734 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

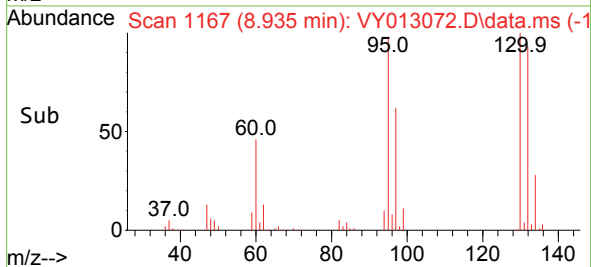
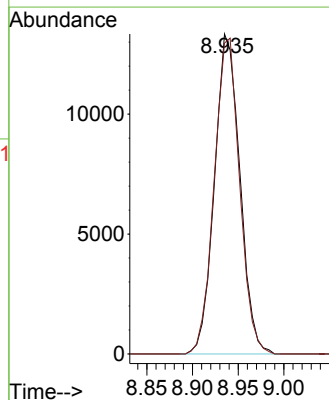
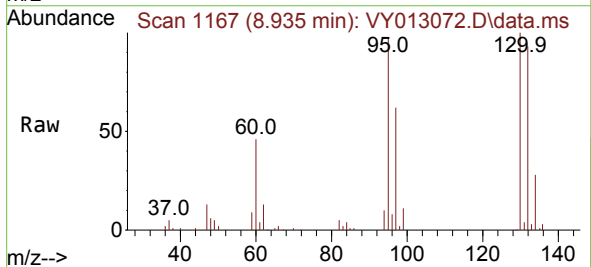
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

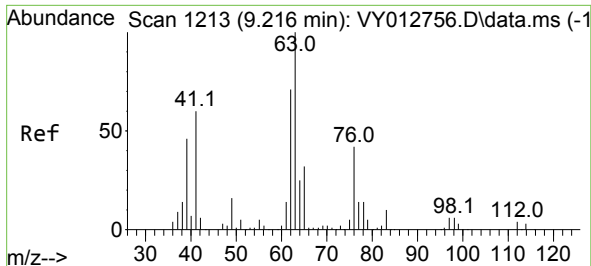
Tgt Ion	Ratio	Lower	Upper
43	100		
61	27.5	21.6	32.4
87	12.5	9.9	14.9



#44
Trichloroethene
Concen: 20.473 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	185.0





#45

1,2-Dichloropropane

Concen: 21.440 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

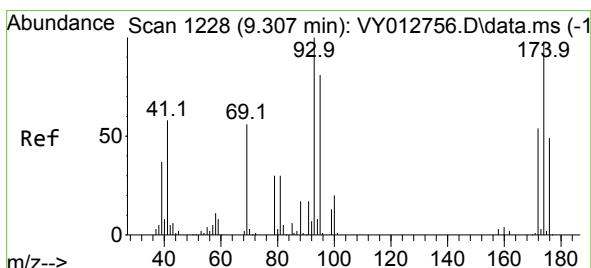
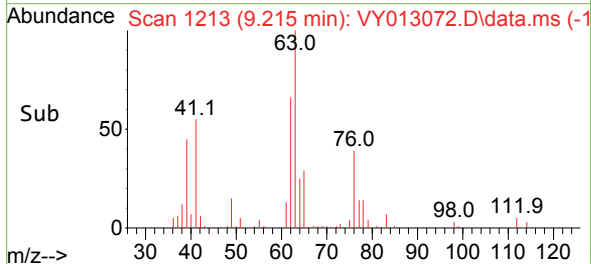
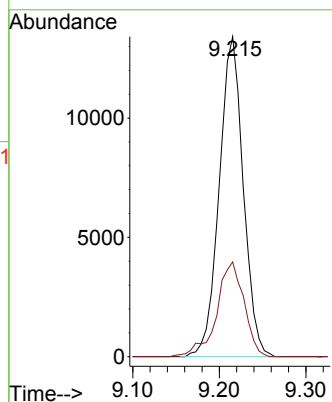
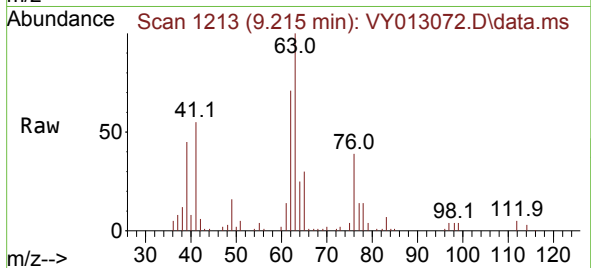
VY0324SBS01

Tgt Ion: 63 Resp: 25841

Ion Ratio Lower Upper

63 100

65 29.6 25.7 38.5



#46

Dibromomethane

Concen: 22.390 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

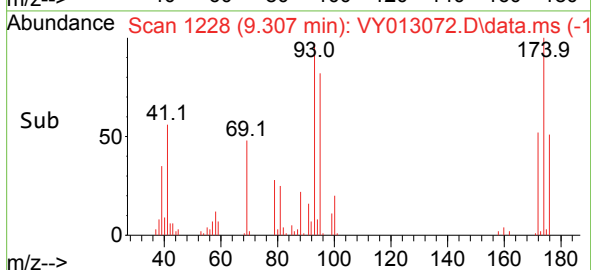
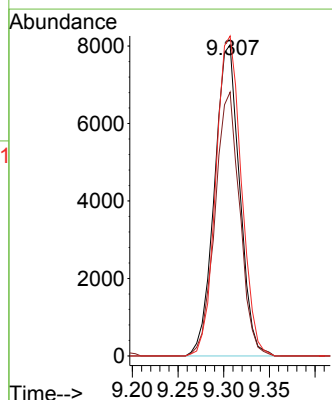
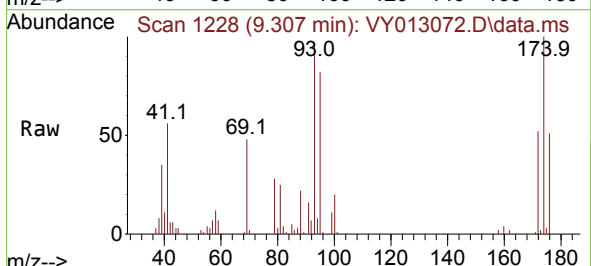
Tgt Ion: 93 Resp: 15374

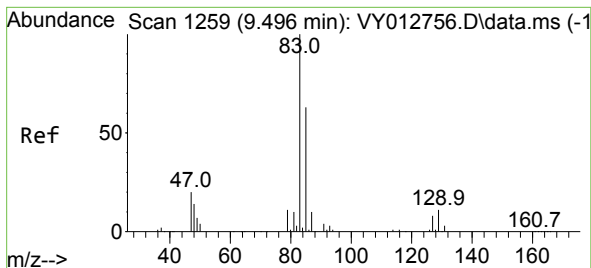
Ion Ratio Lower Upper

93 100

95 83.4 65.6 98.4

174 104.2 81.3 121.9





#47

Bromodichloromethane

Concen: 22.052 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

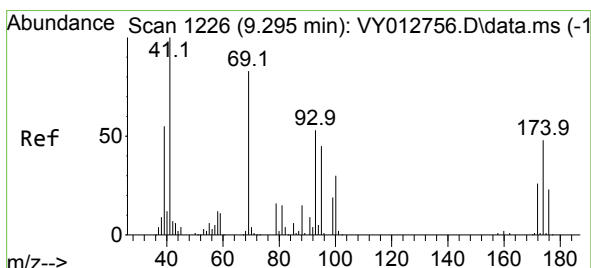
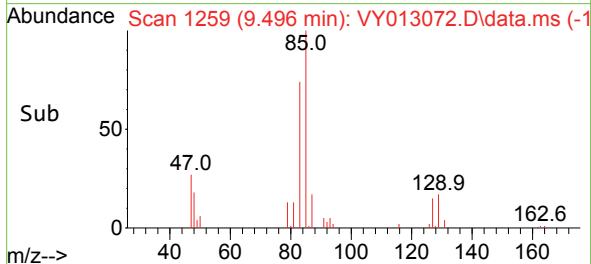
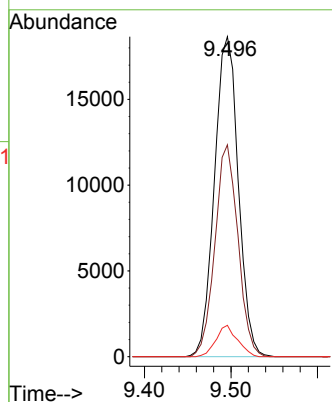
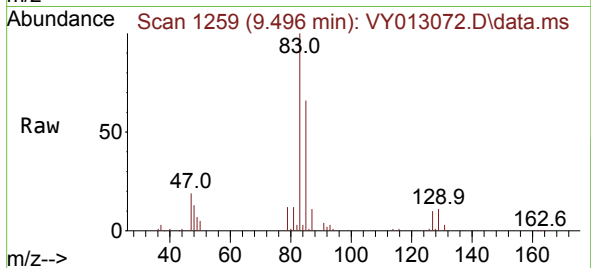
Tgt Ion: 83 Resp: 35683

Ion Ratio Lower Upper

83 100

85 66.2 50.2 75.4

127 9.8 6.3 9.5#



#48

Methyl methacrylate

Concen: 22.687 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.006 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

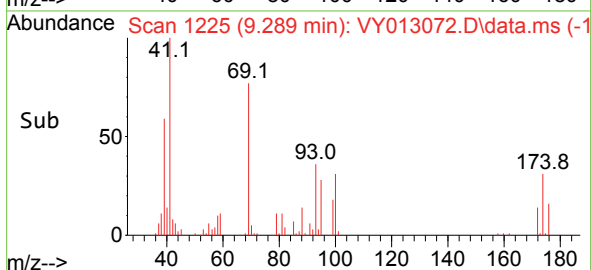
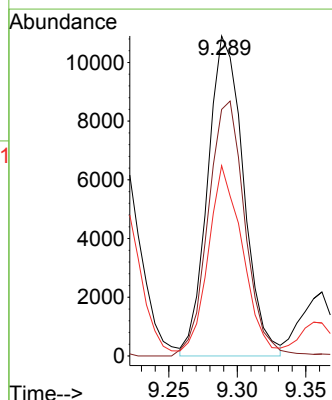
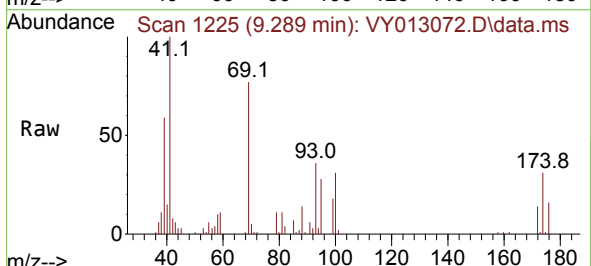
Tgt Ion: 41 Resp: 19819

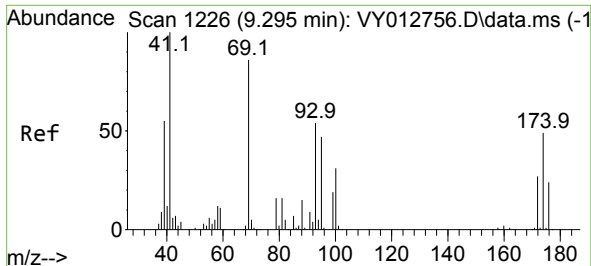
Ion Ratio Lower Upper

41 100

69 81.9 64.1 96.1

39 54.6 44.0 66.0





#49

1,4-Dioxane

Concen: 537.134 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

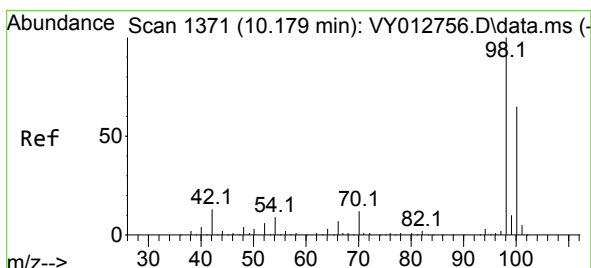
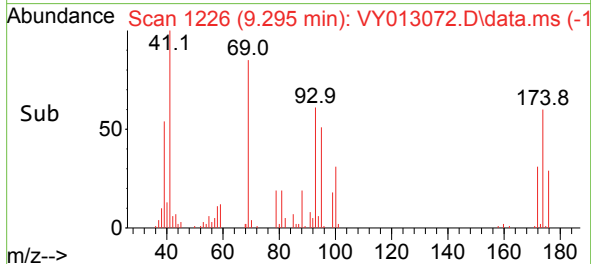
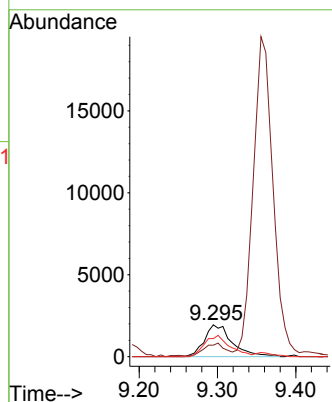
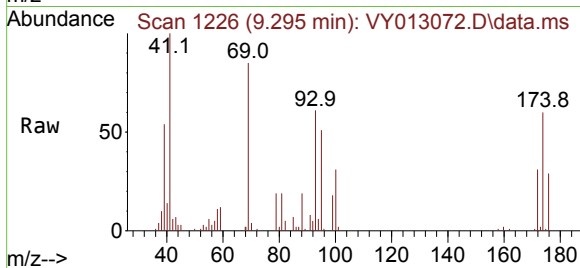
Tgt Ion: 88 Resp: 4768

Ion Ratio Lower Upper

88 100

43 29.2 28.6 42.8

58 61.4 55.2 82.8



#50

Toluene-d8

Concen: 47.664 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013072.D

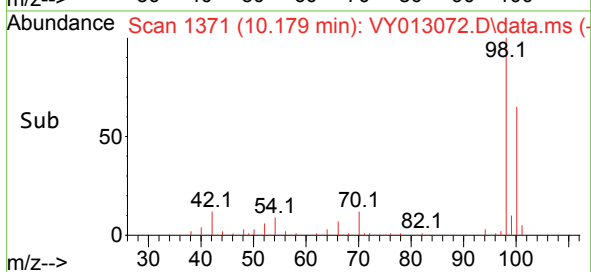
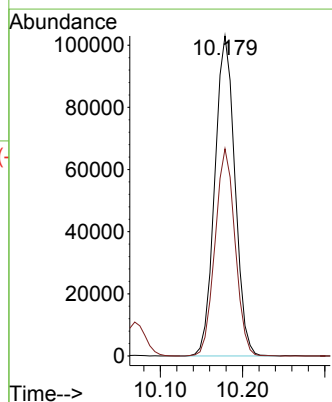
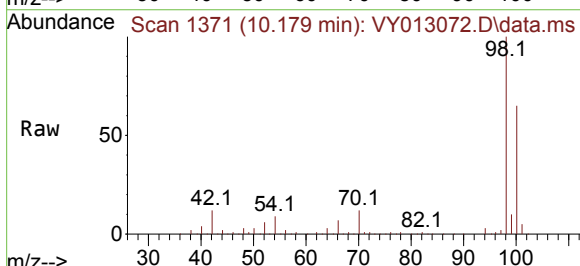
Acq: 24 Mar 2023 12:36

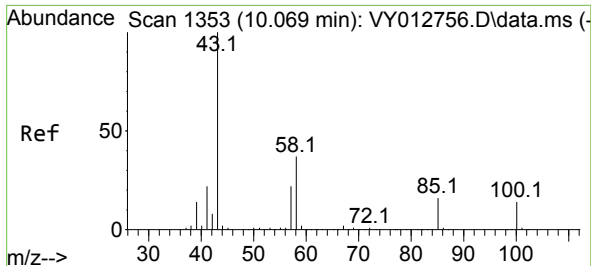
Tgt Ion: 98 Resp: 175311

Ion Ratio Lower Upper

98 100

100 64.4 50.9 76.3

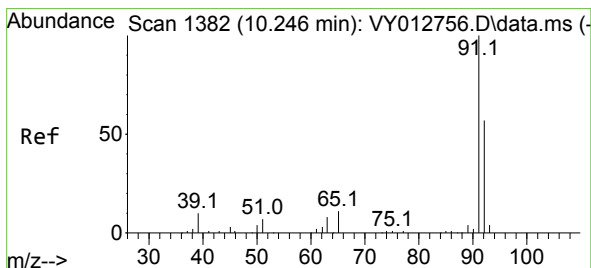
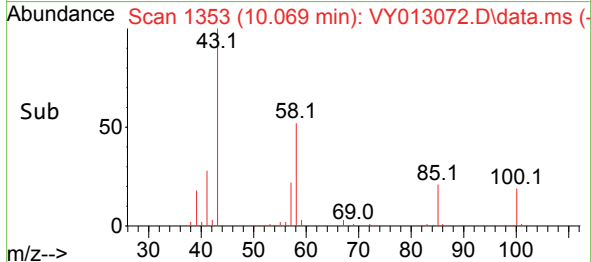
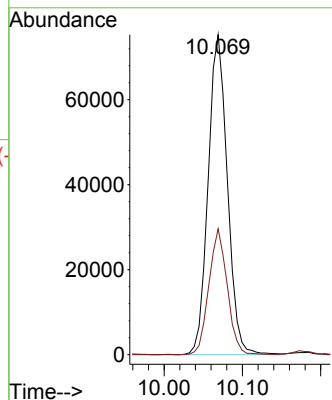
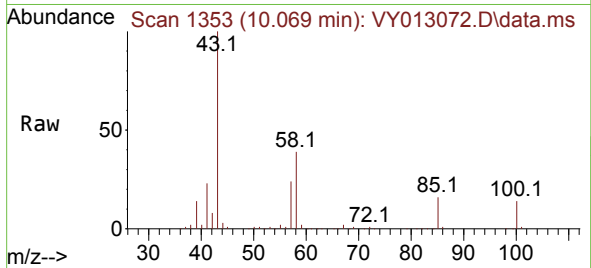




#51
4-Methyl-2-Pentanone
Concen: 124.782 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

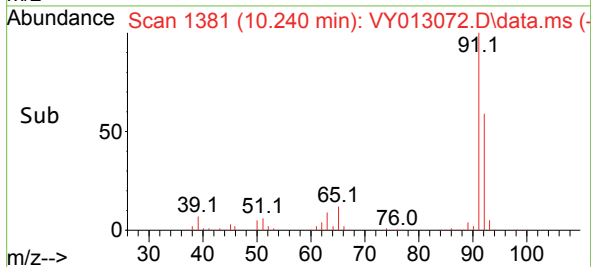
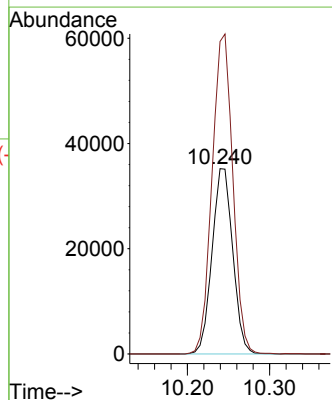
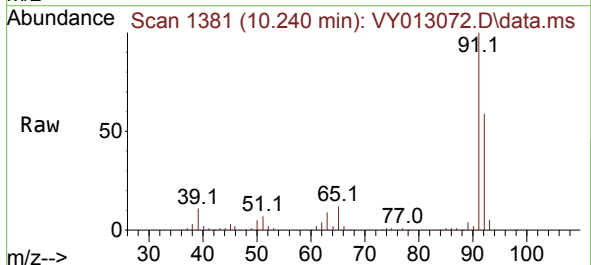
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

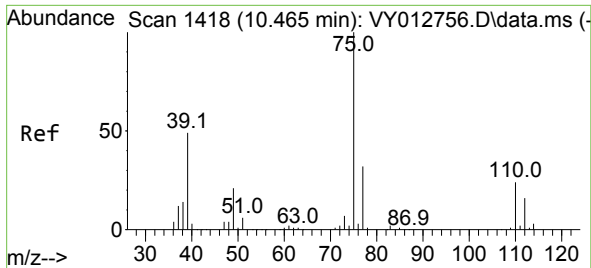
Tgt Ion: 43 Resp: 128325
Ion Ratio Lower Upper
43 100
58 37.6 29.8 44.6



#52
Toluene
Concen: 21.424 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

Tgt Ion: 92 Resp: 61620
Ion Ratio Lower Upper
92 100
91 173.1 141.3 211.9

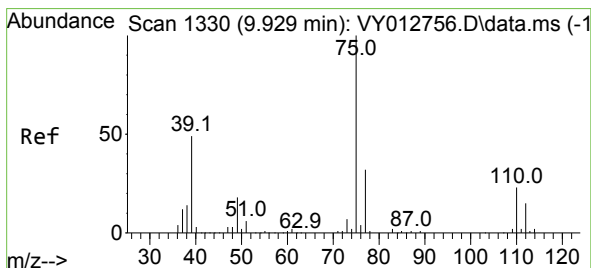
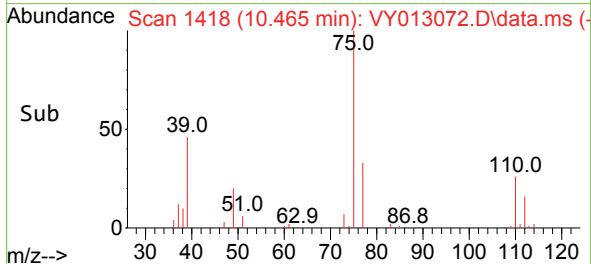
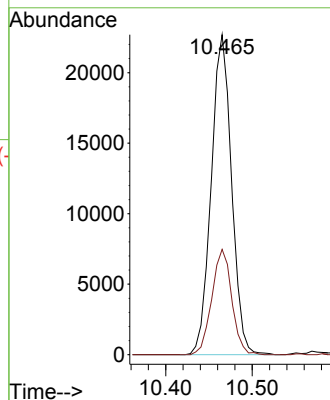
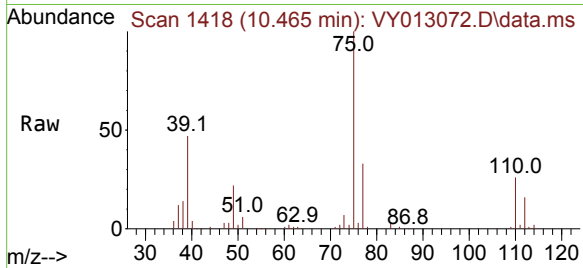




#53
t-1,3-Dichloropropene
Concen: 21.810 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

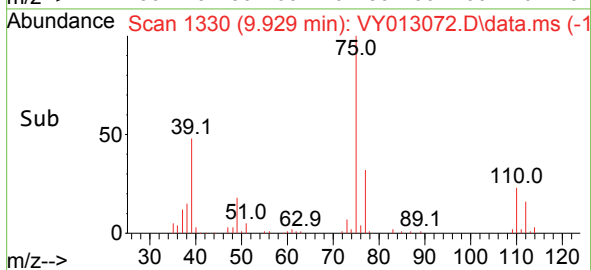
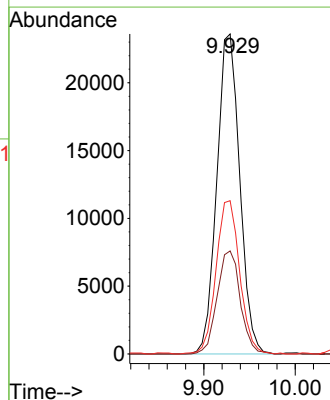
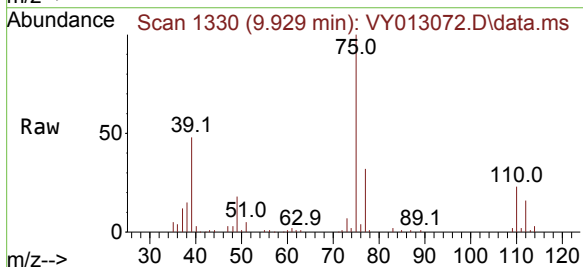
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

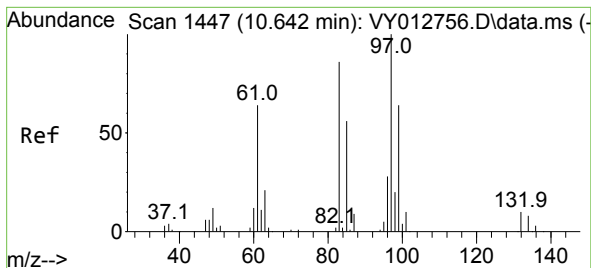
Tgt Ion: 75 Resp: 37017
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 21.413 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

Tgt Ion: 75 Resp: 41135
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
39 47.9 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 22.674 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

Tgt Ion: 97 Resp: 21683

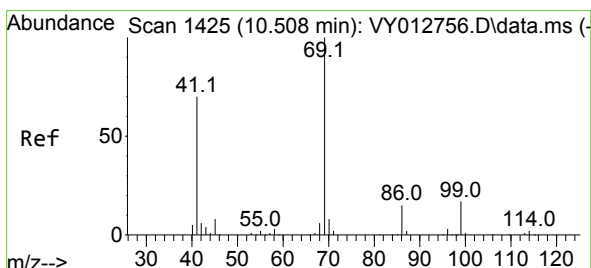
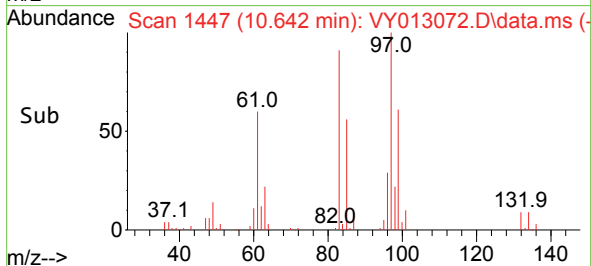
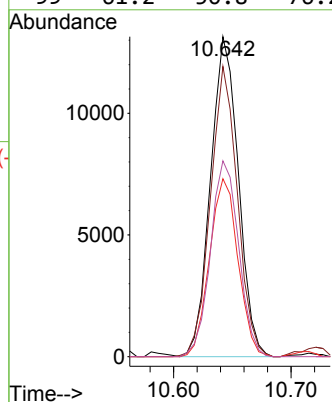
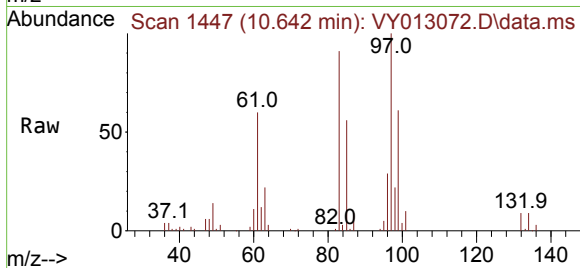
Ion Ratio Lower Upper

97 100

83 90.7 69.0 103.6

85 55.6 44.9 67.3

99 61.2 50.8 76.2



#56

Ethyl methacrylate

Concen: 22.681 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

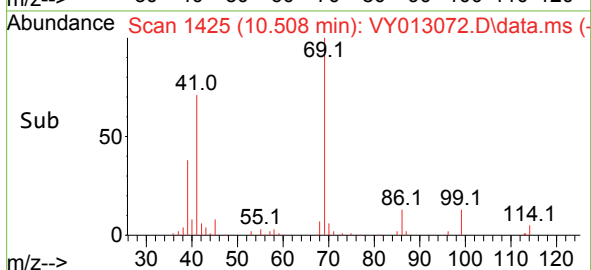
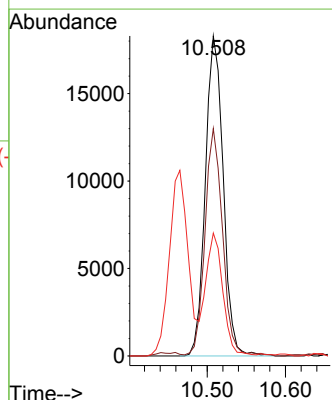
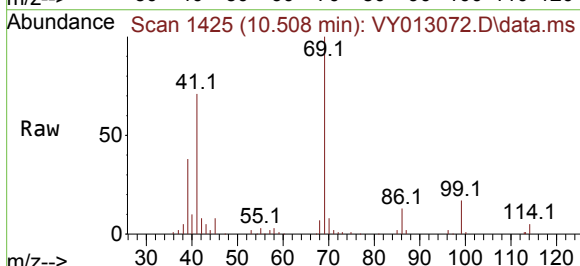
Tgt Ion: 69 Resp: 28920

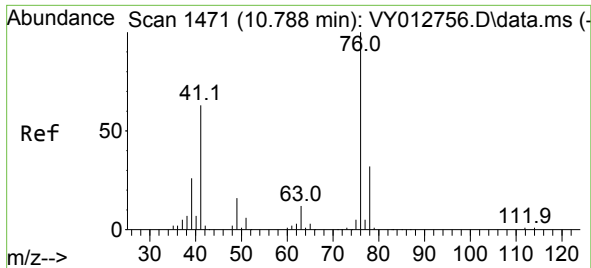
Ion Ratio Lower Upper

69 100

41 70.3 56.4 84.6

39 35.5 30.8 46.2

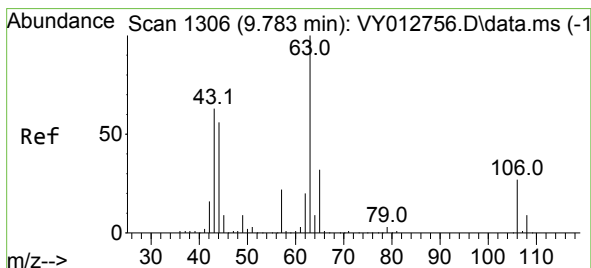
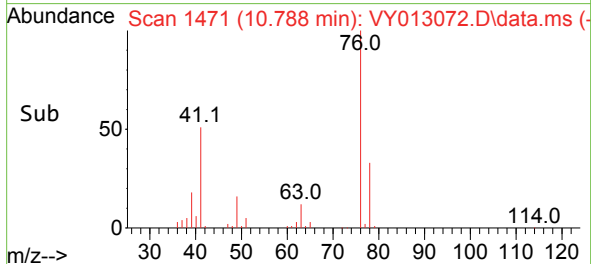
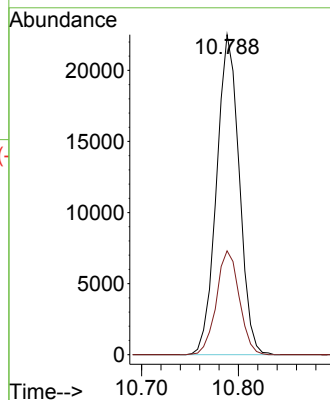
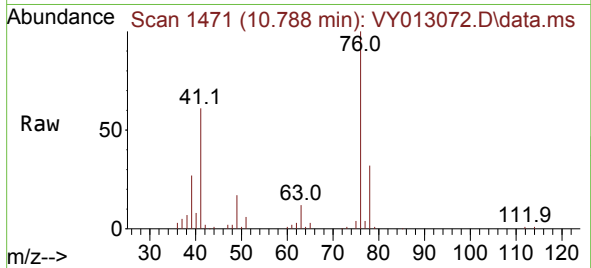




#57
1,3-Dichloropropane
Concen: 22.459 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

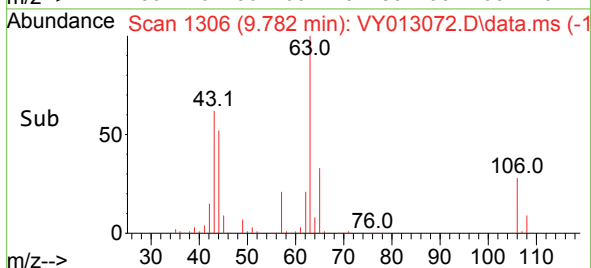
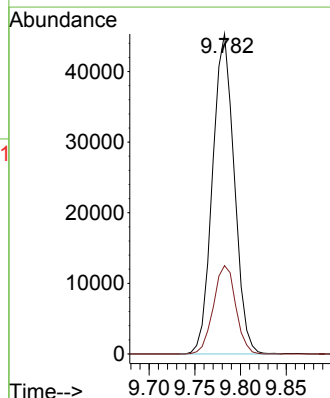
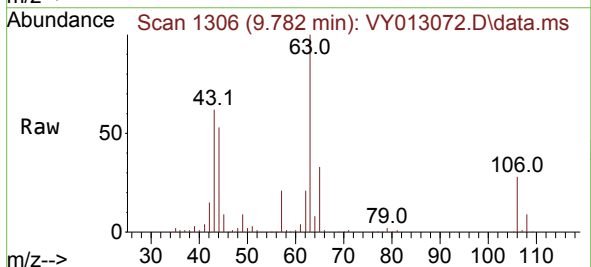
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

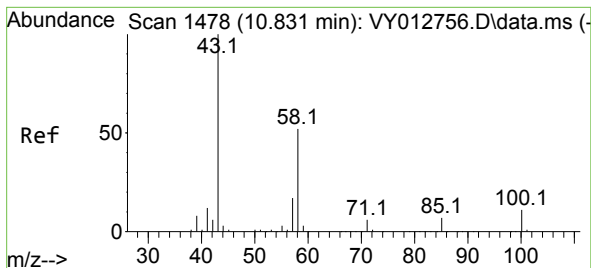
Tgt Ion: 76 Resp: 36581
Ion Ratio Lower Upper
76 100
78 32.8 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 111.900 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

Tgt Ion: 63 Resp: 74902
Ion Ratio Lower Upper
63 100
106 28.3 22.1 33.1





#59

2-Hexanone

Concen: 128.566 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

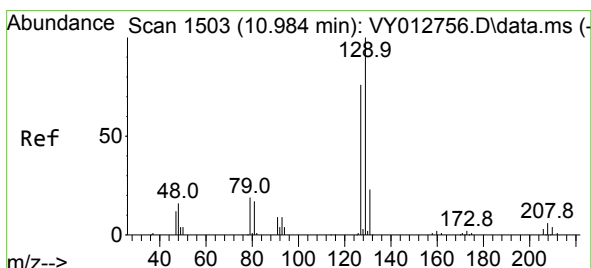
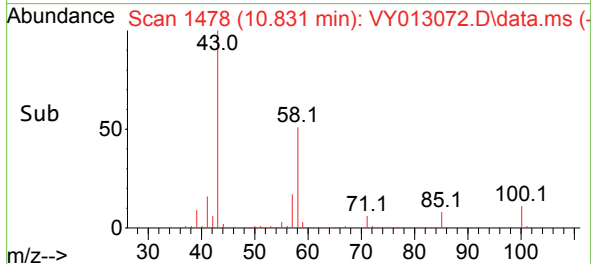
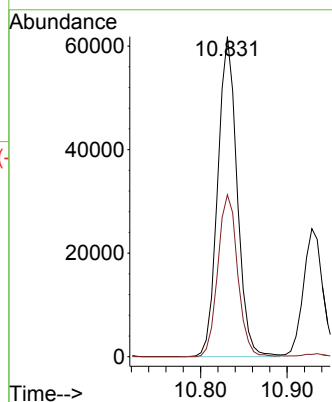
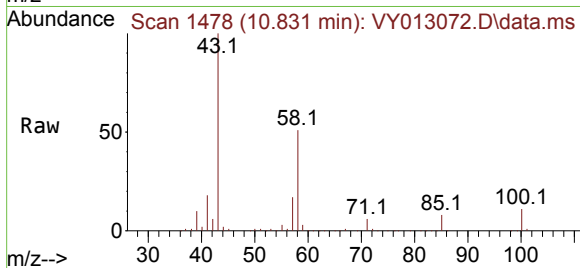
VY0324SBS01

Tgt Ion: 43 Resp: 96093

Ion Ratio Lower Upper

43 100

58 51.7 25.9 77.8



#60

Dibromochloromethane

Concen: 22.390 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY013072.D

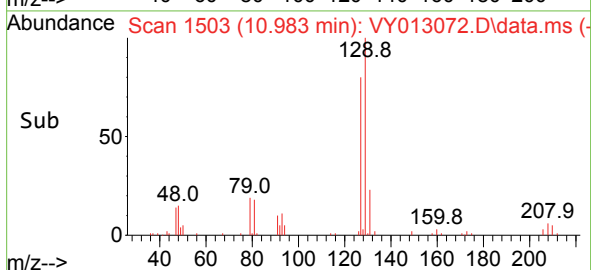
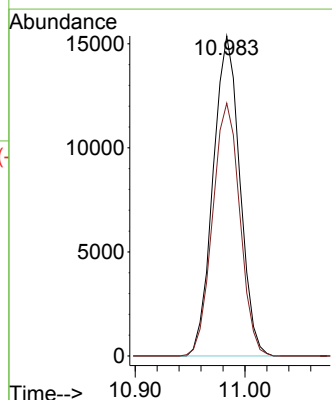
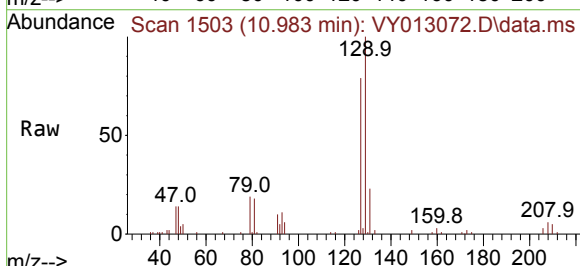
Acq: 24 Mar 2023 12:36

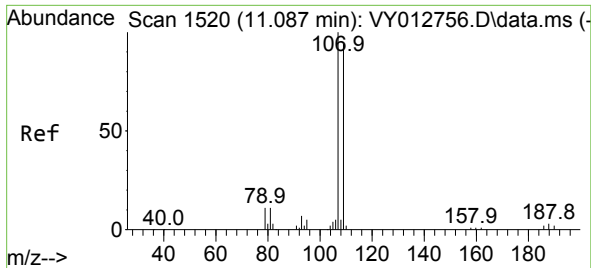
Tgt Ion: 129 Resp: 26063

Ion Ratio Lower Upper

129 100

127 80.5 38.7 116.1

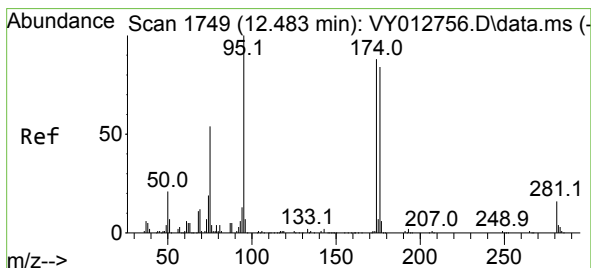
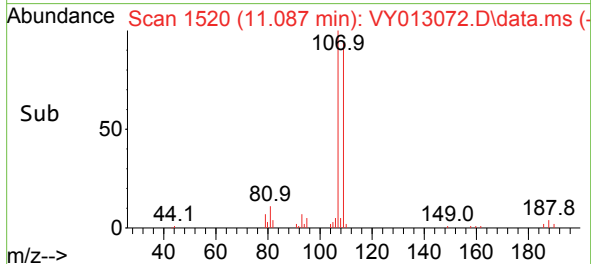
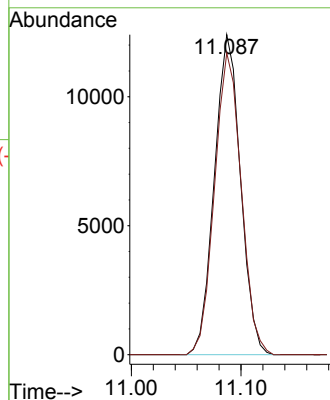
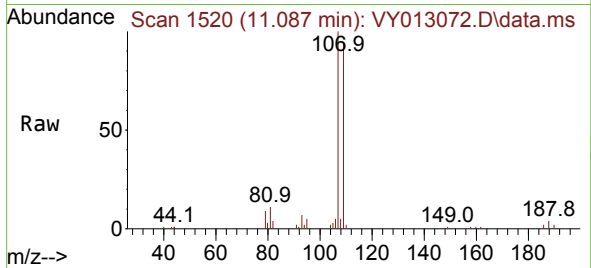




#61
1,2-Dibromoethane
Concen: 22.308 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

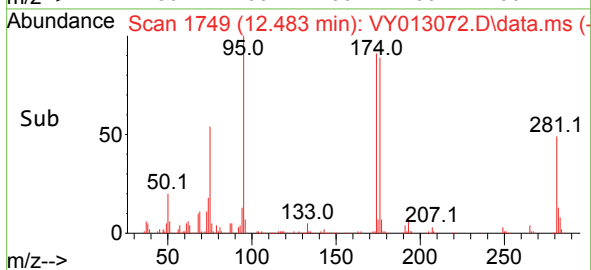
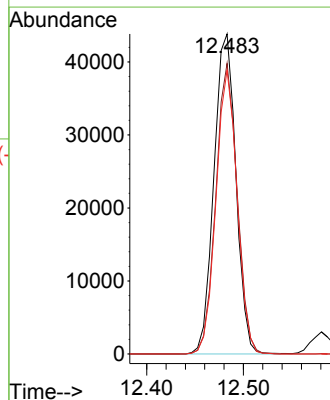
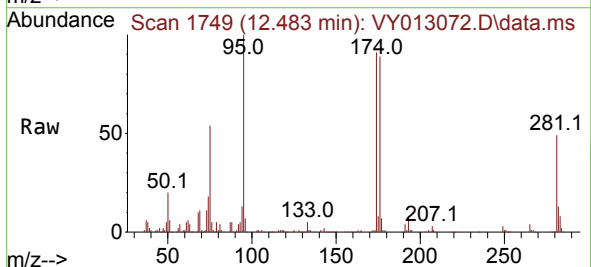
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

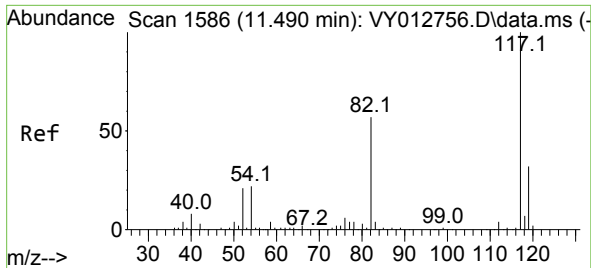
Tgt Ion:107 Resp: 20549
Ion Ratio Lower Upper
107 100
109 96.2 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 55.651 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

Tgt Ion: 95 Resp: 69086
Ion Ratio Lower Upper
95 100
174 88.2 0.0 176.6
176 85.4 0.0 170.2

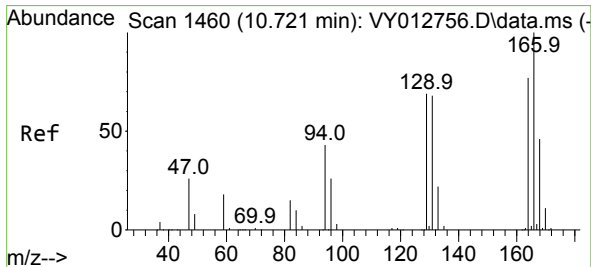
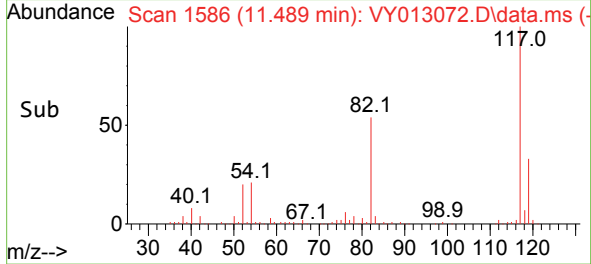
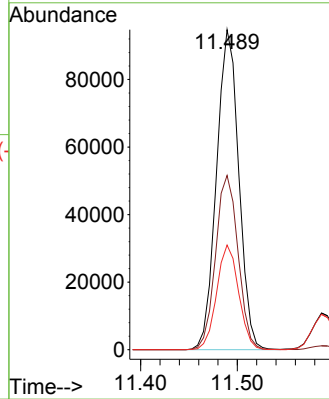
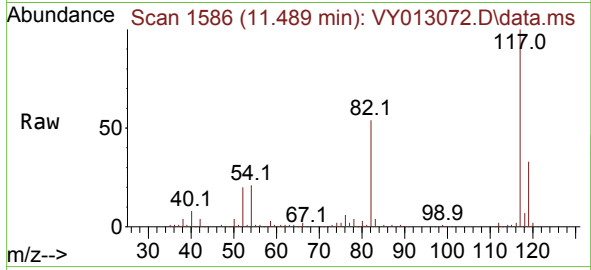




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

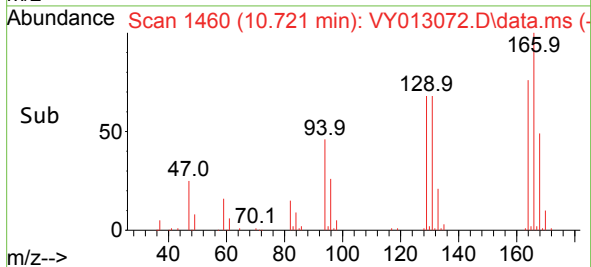
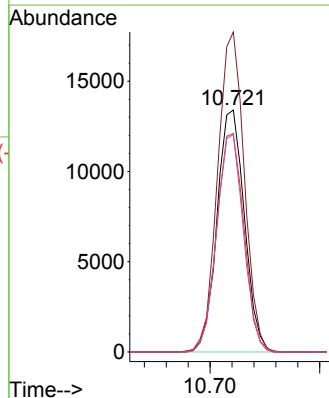
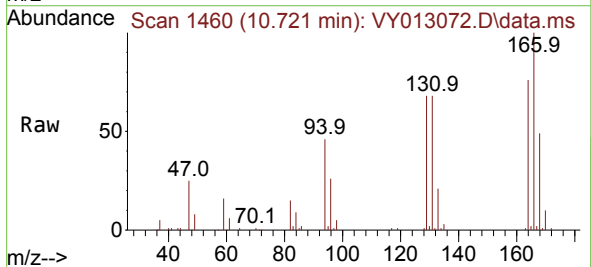
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

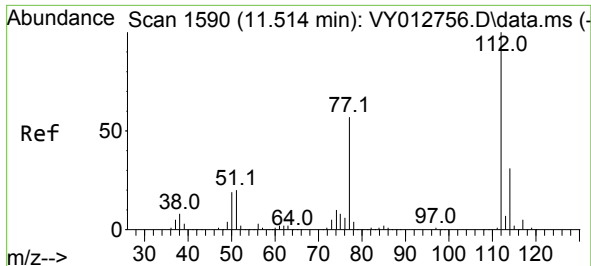
Tgt Ion:117 Resp: 151377
Ion Ratio Lower Upper
117 100
82 54.5 45.4 68.0
119 32.7 25.6 38.4



#64
Tetrachloroethene
Concen: 21.014 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

Tgt Ion:164 Resp: 23160
Ion Ratio Lower Upper
164 100
166 132.3 103.4 155.2
129 90.3 71.4 107.2
131 89.9 69.9 104.9

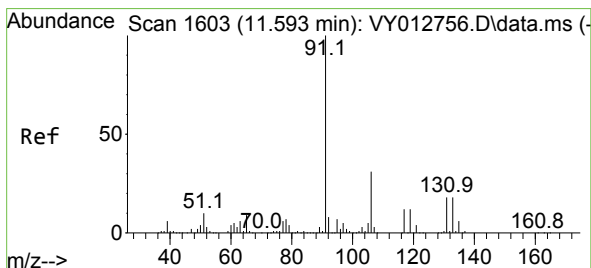
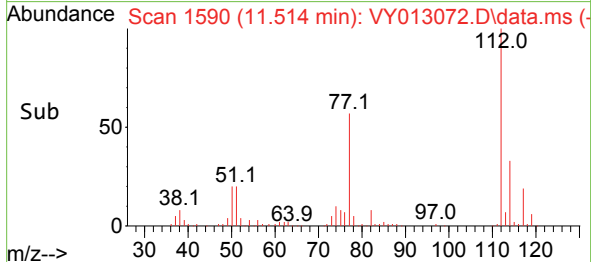
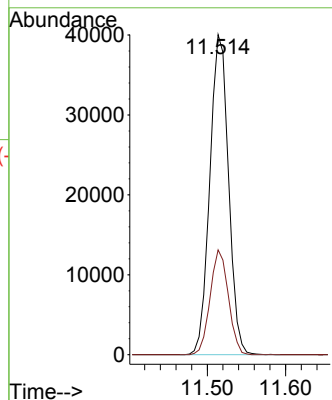
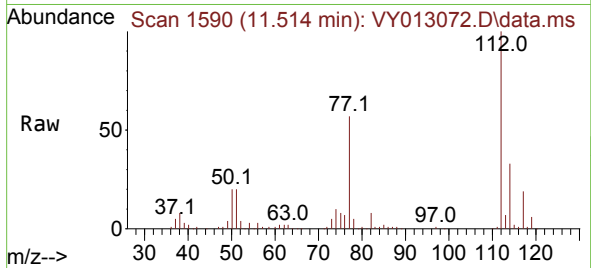




#65
Chlorobenzene
Concen: 20.868 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

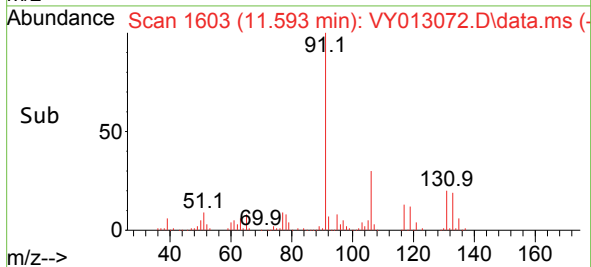
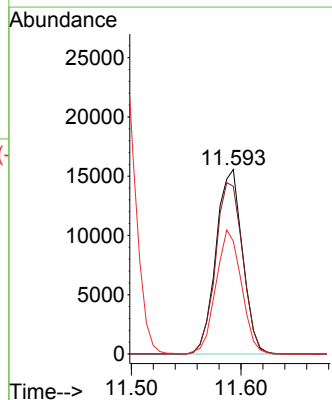
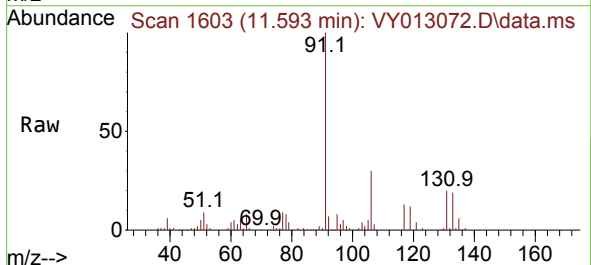
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

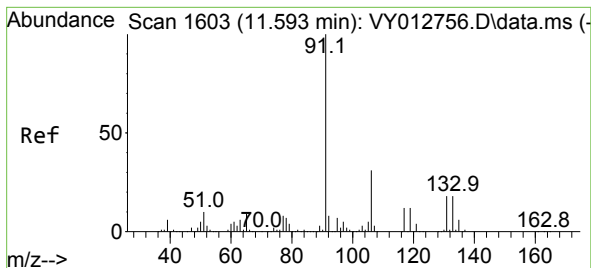
Tgt Ion:112 Resp: 66298
Ion Ratio Lower Upper
112 100
114 32.7 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 22.241 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

Tgt Ion:131 Resp: 26147
Ion Ratio Lower Upper
131 100
133 95.6 48.0 144.0
119 64.7 32.6 98.0





#67

Ethyl Benzene

Concen: 20.519 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

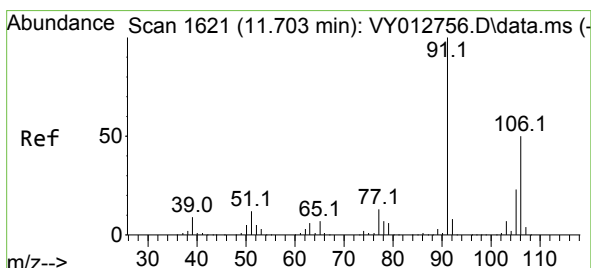
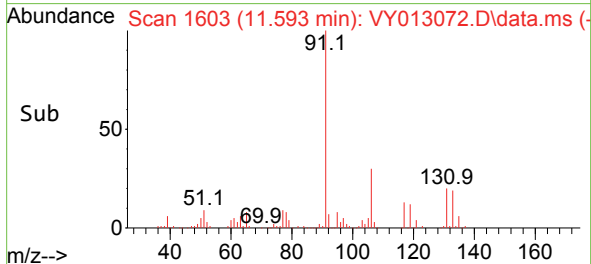
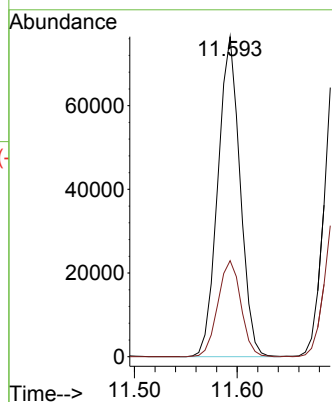
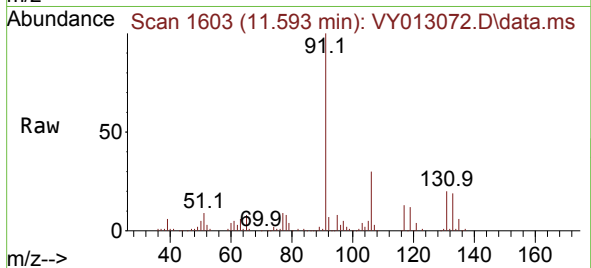
VY0324SBS01

Tgt Ion: 91 Resp: 114613

Ion Ratio Lower Upper

91 100

106 30.0 25.1 37.7



#68

m/p-Xylenes

Concen: 41.233 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013072.D

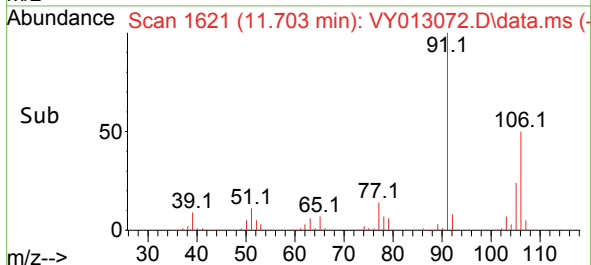
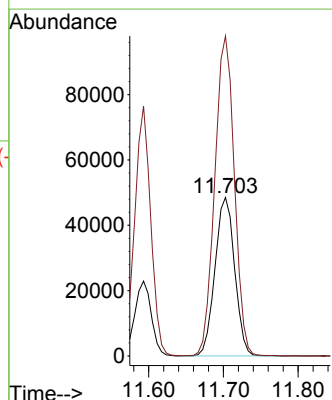
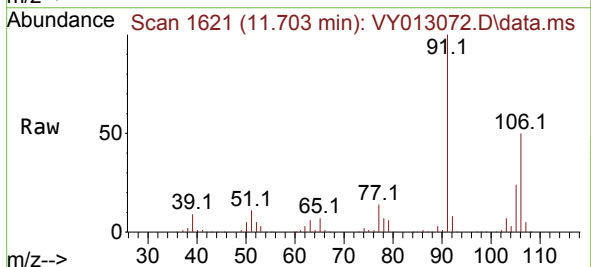
Acq: 24 Mar 2023 12:36

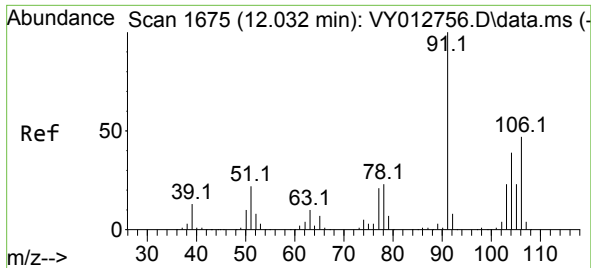
Tgt Ion:106 Resp: 88602

Ion Ratio Lower Upper

106 100

91 201.6 159.8 239.8

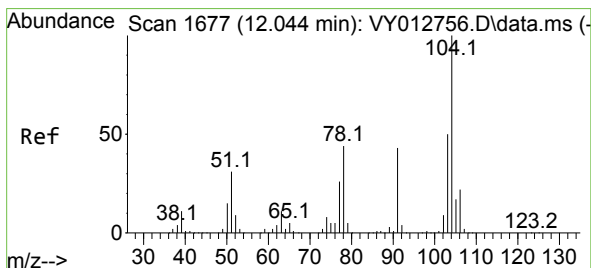
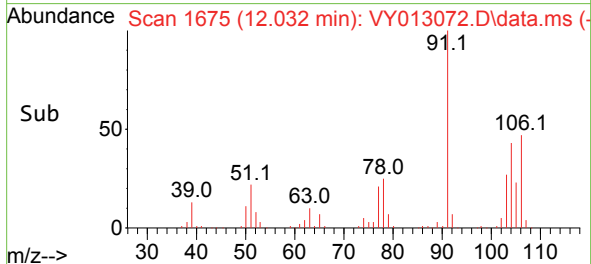
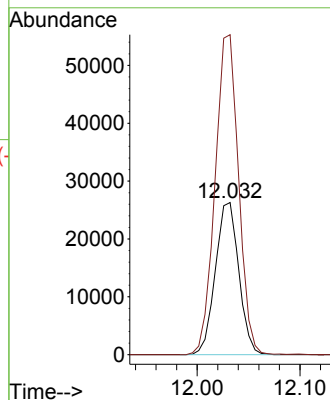
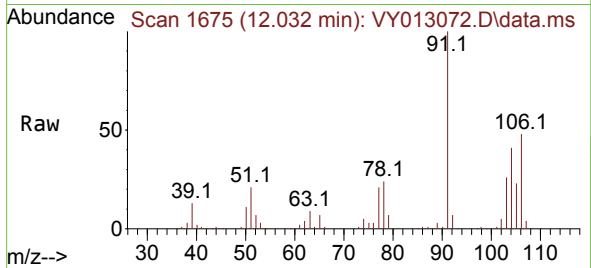




#69
o-Xylene
Concen: 20.719 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

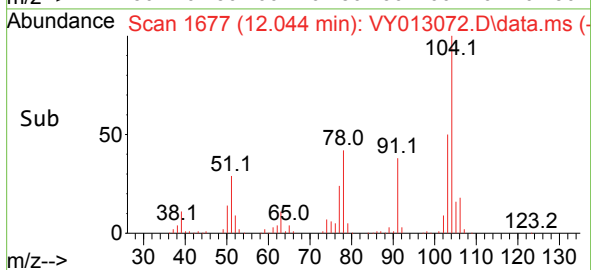
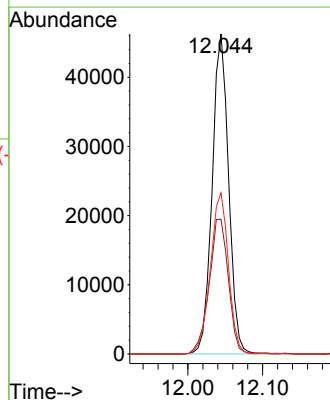
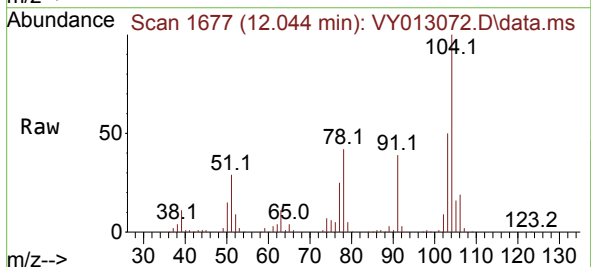
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tgt Ion:106 Resp: 41550
Ion Ratio Lower Upper
106 100
91 211.1 107.2 321.6



#70
Styrene
Concen: 21.145 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

Tgt Ion:104 Resp: 70764
Ion Ratio Lower Upper
104 100
78 49.1 39.2 58.8
103 55.3 43.7 65.5





#71

Bromoform

Concen: 23.472 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

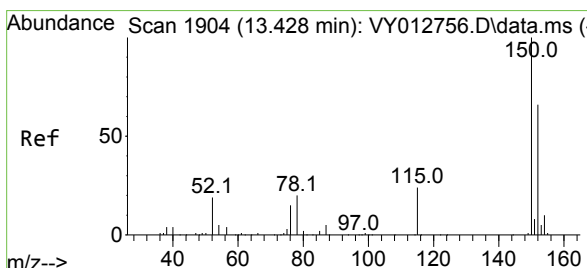
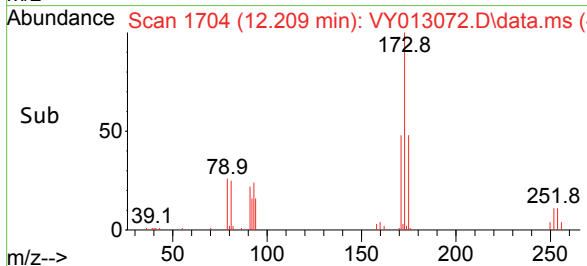
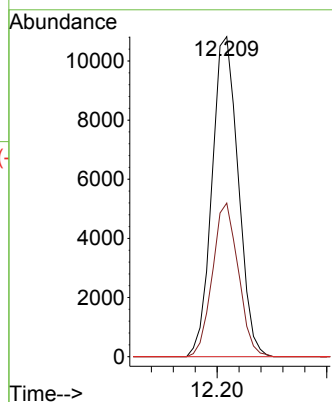
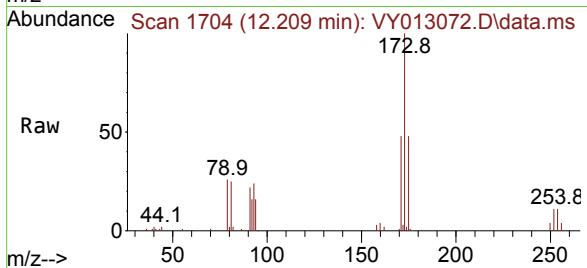
Tgt Ion:173 Resp: 17991

Ion Ratio Lower Upper

173 100

175 47.3 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

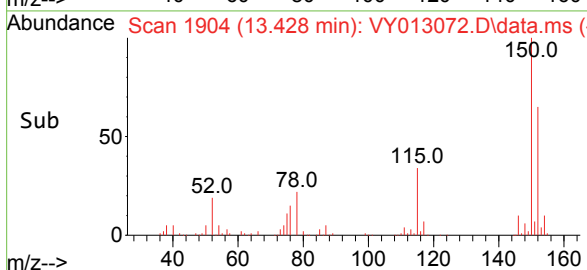
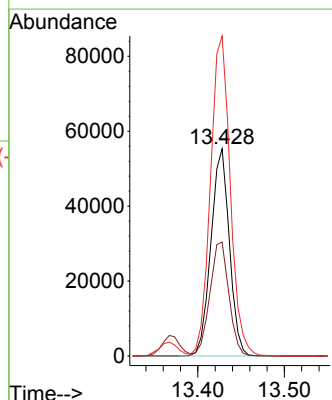
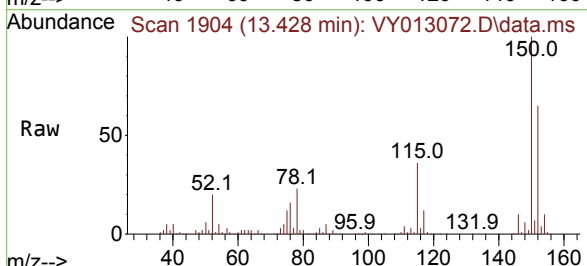
Tgt Ion:152 Resp: 81816

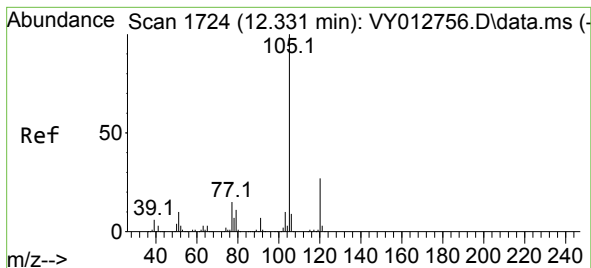
Ion Ratio Lower Upper

152 100

115 56.8 27.1 81.3

150 165.6 0.0 347.8





#73

Isopropylbenzene

Concen: 19.223 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

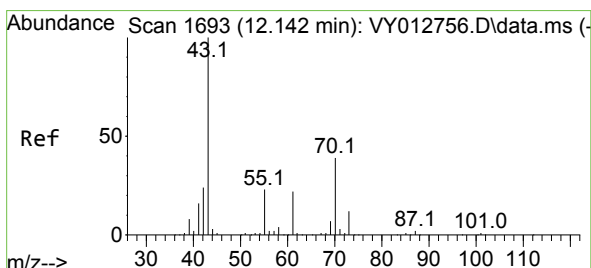
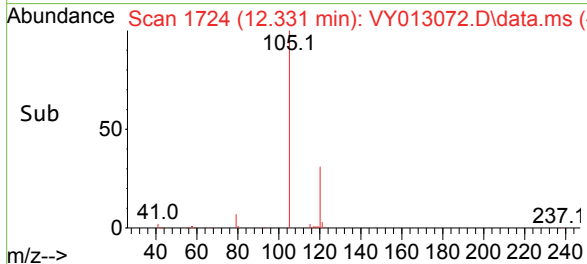
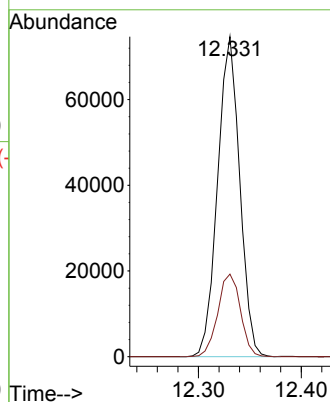
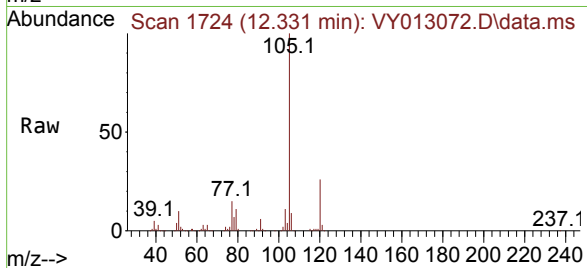
VY0324SBS01

Tgt Ion:105 Resp: 111462

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.2



#74

N-ethyl acetate

Concen: 20.694 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

Tgt Ion: 43 Resp: 37754

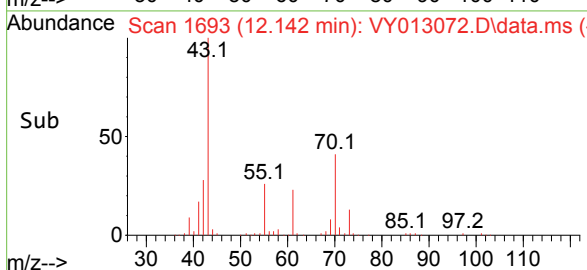
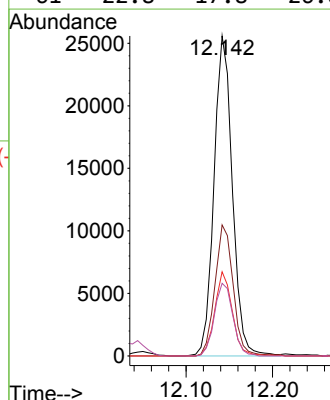
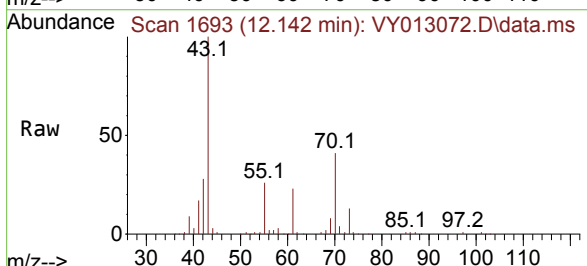
Ion Ratio Lower Upper

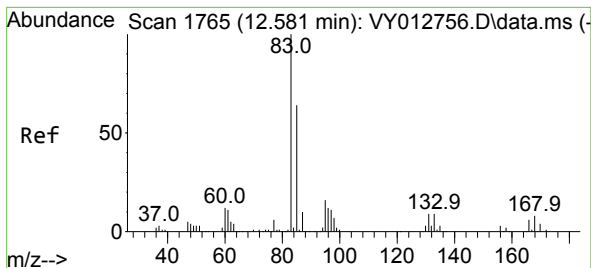
43 100

70 40.7 31.6 47.4

55 25.2 18.8 28.2

61 22.8 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.165 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

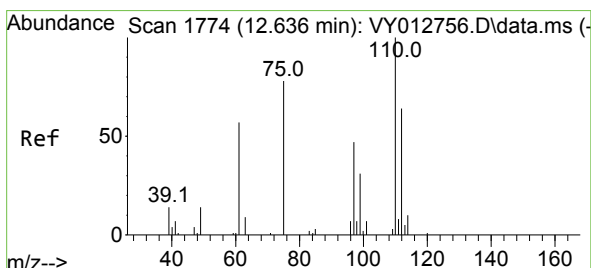
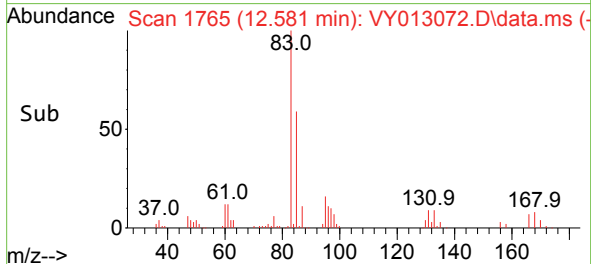
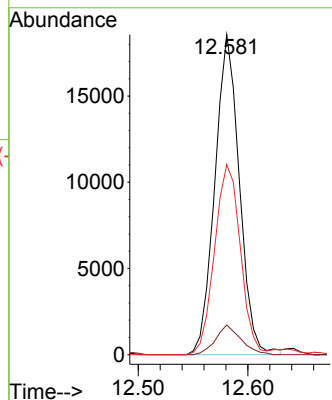
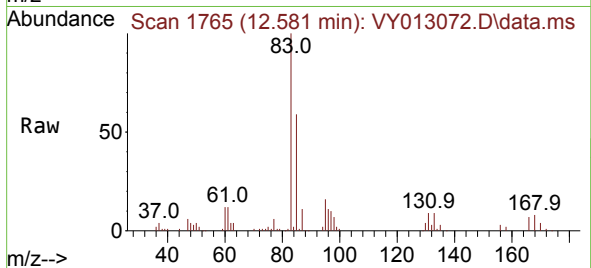
Tgt Ion: 83 Resp: 28891

Ion Ratio Lower Upper

83 100

131 9.5 5.1 15.2

85 62.3 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 37.038 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY013072.D

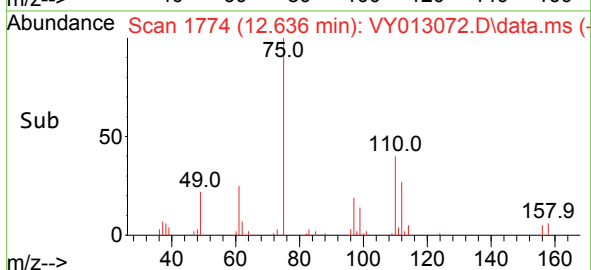
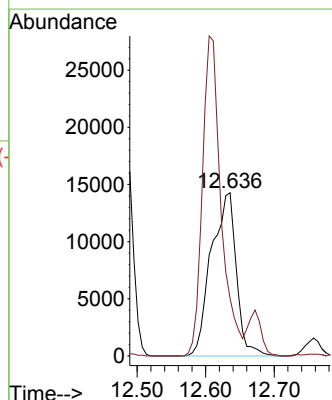
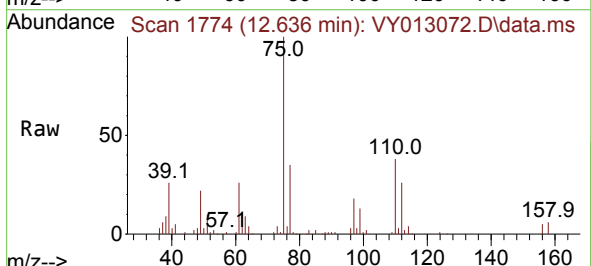
Acq: 24 Mar 2023 12:36

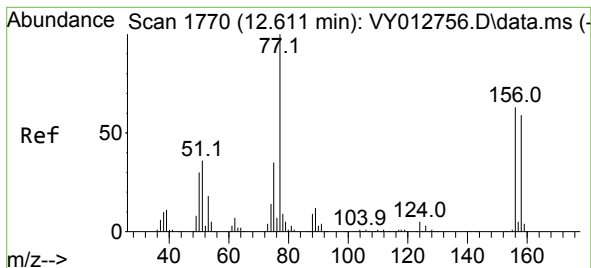
Tgt Ion: 75 Resp: 36187

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.123 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

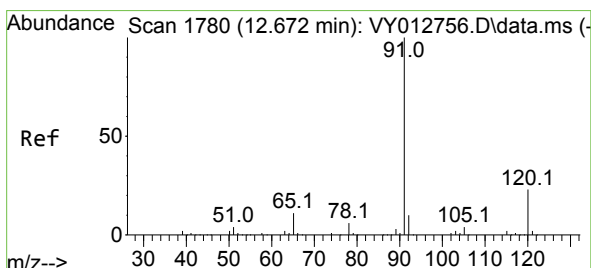
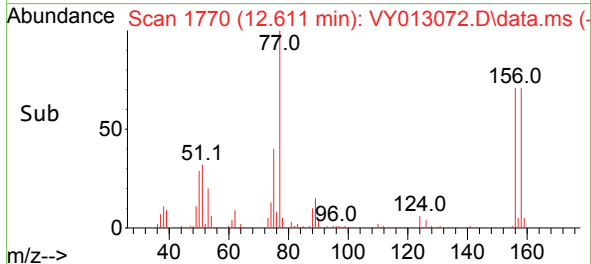
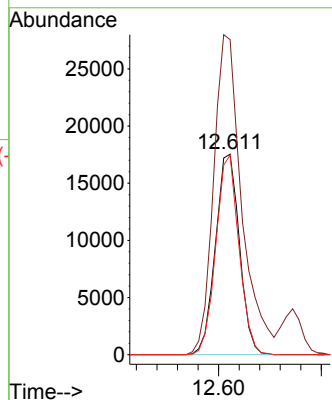
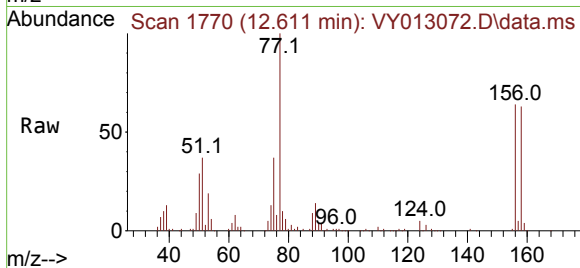
Tgt Ion:156 Resp: 28346

Ion Ratio Lower Upper

156 100

77 187.3 94.0 282.1

158 95.9 48.1 144.4



#78

n-propylbenzene

Concen: 19.538 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY013072.D

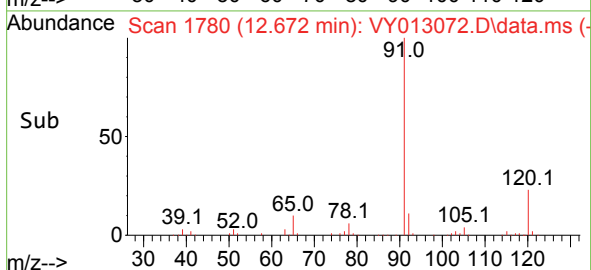
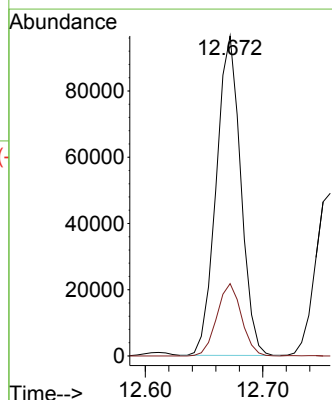
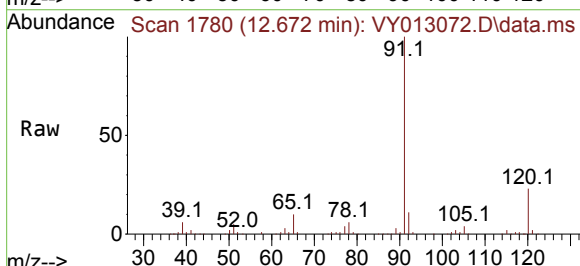
Acq: 24 Mar 2023 12:36

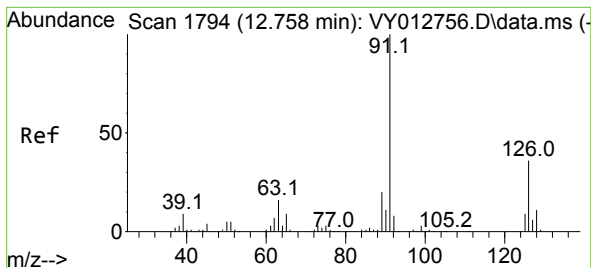
Tgt Ion: 91 Resp: 139676

Ion Ratio Lower Upper

91 100

120 22.7 11.6 34.8

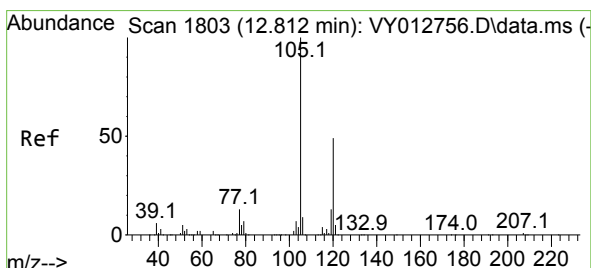
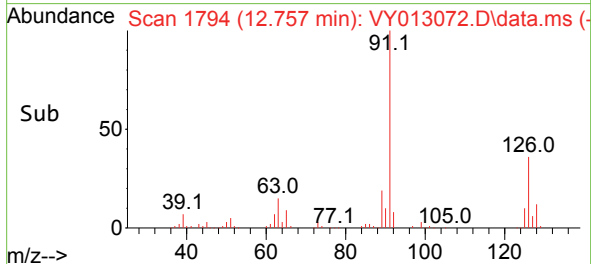
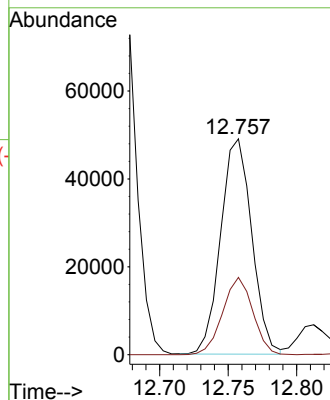
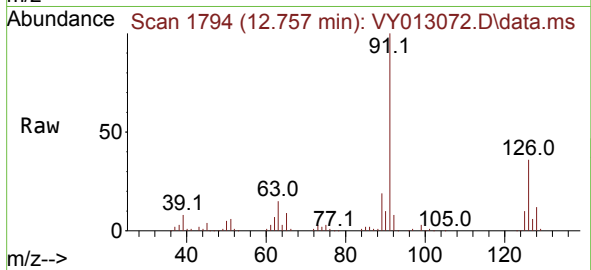




#79
2-Chlorotoluene
Concen: 19.497 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

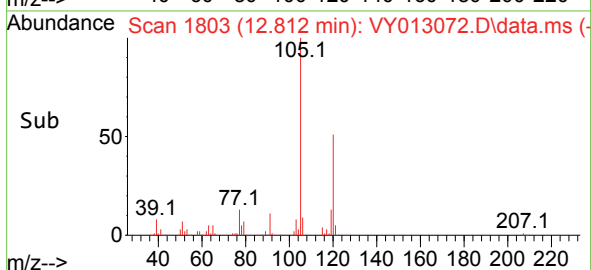
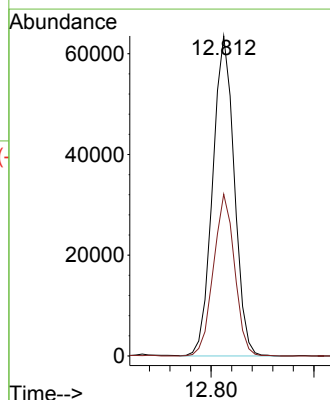
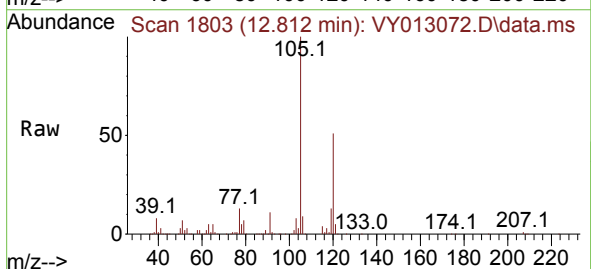
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

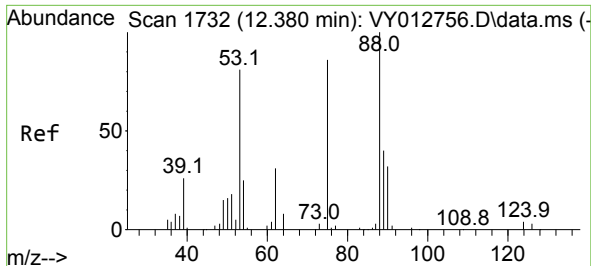
Tgt Ion: 91 Resp: 77464
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 19.378 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

Tgt Ion:105 Resp: 92729
Ion Ratio Lower Upper
105 100
120 49.4 24.8 74.4

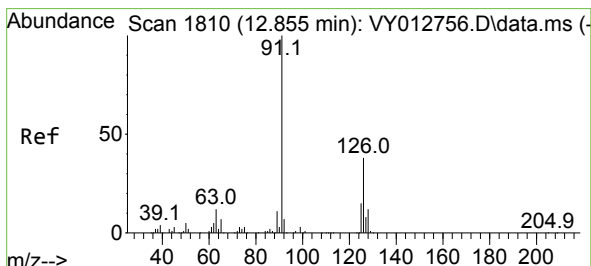
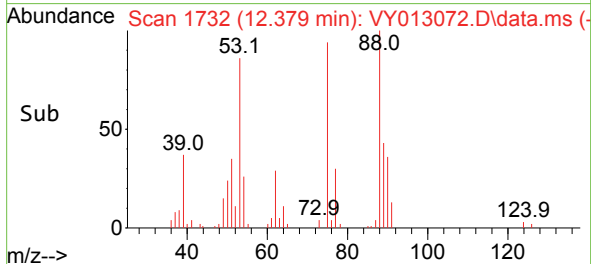
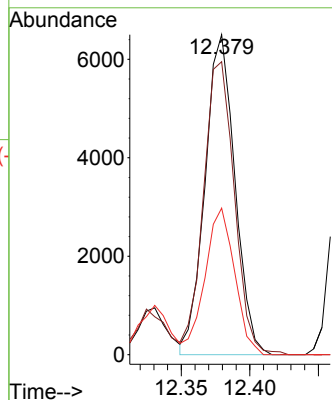
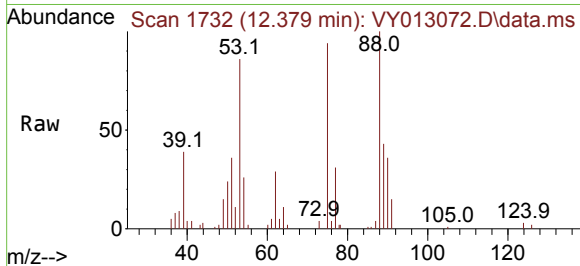




#81
trans-1,4-Dichloro-2-butene
Concen: 20.892 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

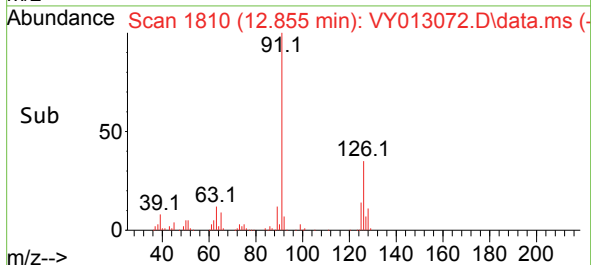
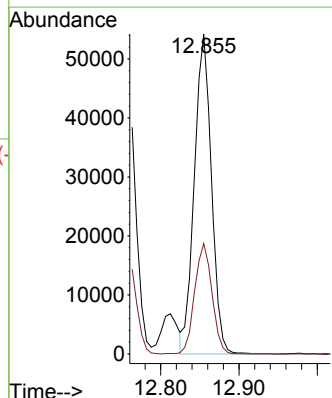
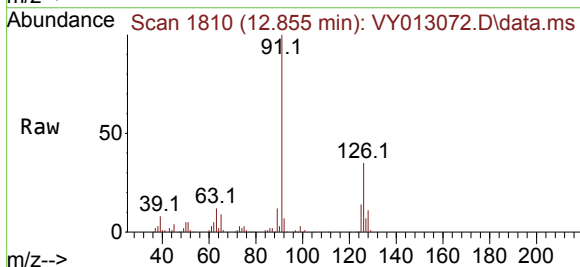
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

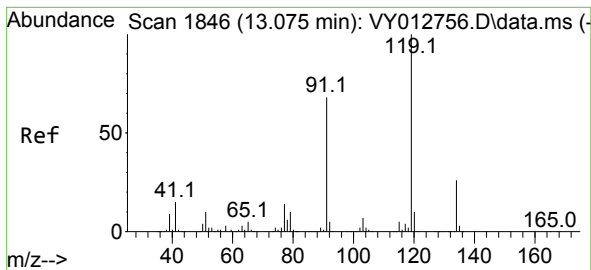
Tgt Ion:	75	Resp:	9851
Ion	Ratio	Lower	Upper
75	100		
53	94.6	73.4	110.0
89	45.6	36.6	55.0



#82
4-Chlorotoluene
Concen: 20.037 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

Tgt Ion:	91	Resp:	82407
Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.7	53.1

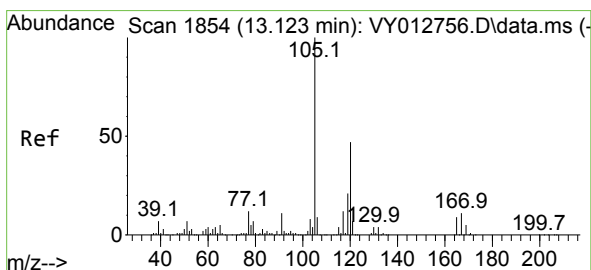
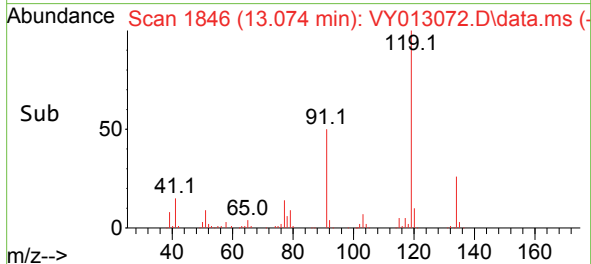
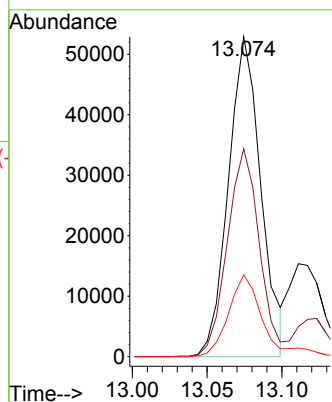
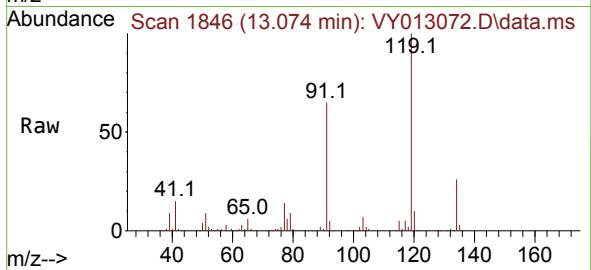




#83
tert-Butylbenzene
Concen: 19.378 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

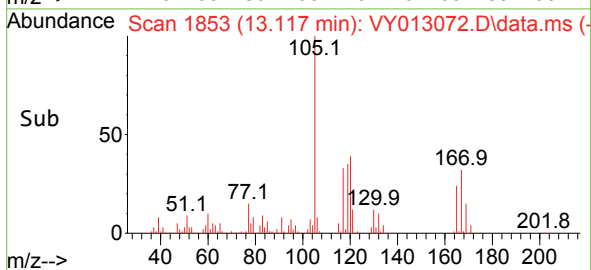
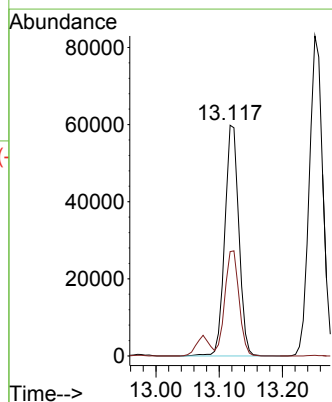
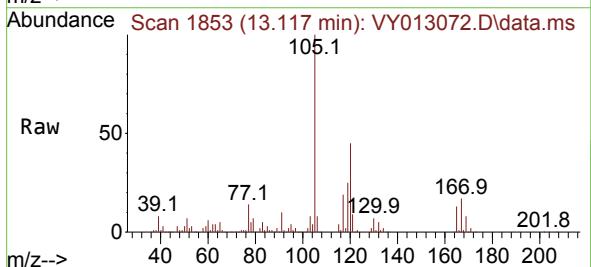
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

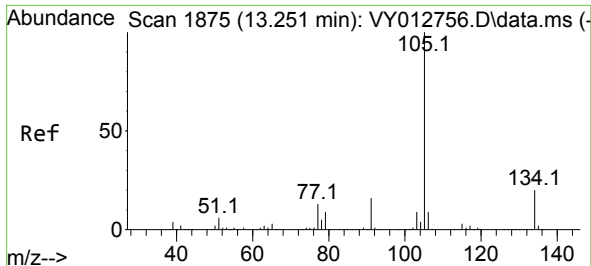
Tgt Ion:119 Resp: 80034
Ion Ratio Lower Upper
119 100
91 63.7 32.8 98.3
134 27.0 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 19.680 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

Tgt Ion:105 Resp: 92086
Ion Ratio Lower Upper
105 100
120 45.8 23.0 69.0

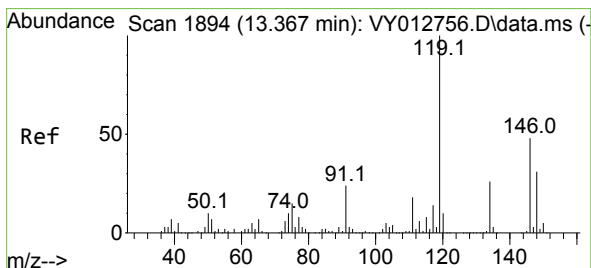
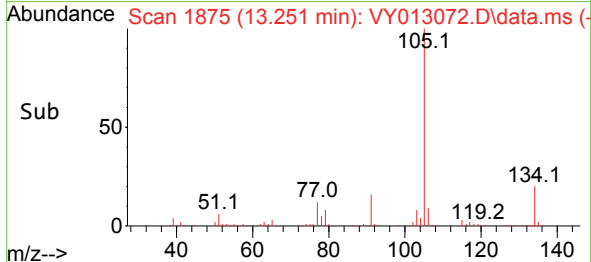
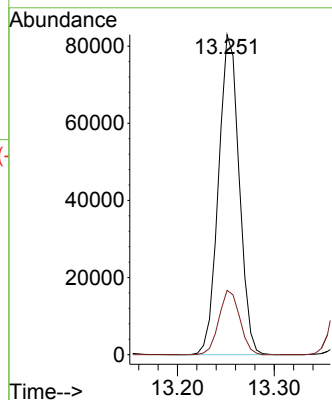
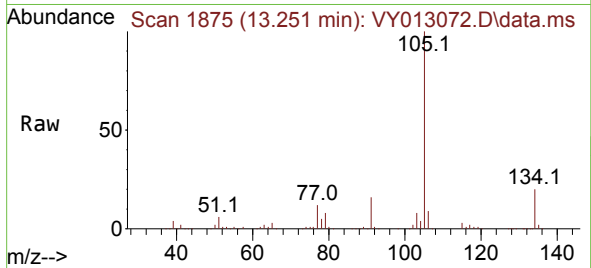




#85
 sec-Butylbenzene
 Concen: 19.482 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY013072.D
 Acq: 24 Mar 2023 12:36

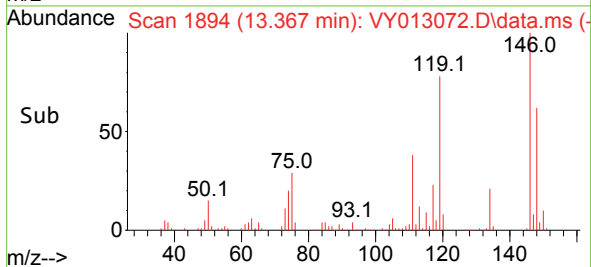
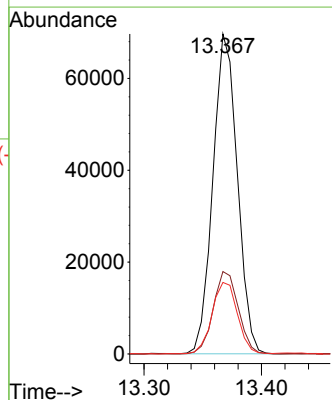
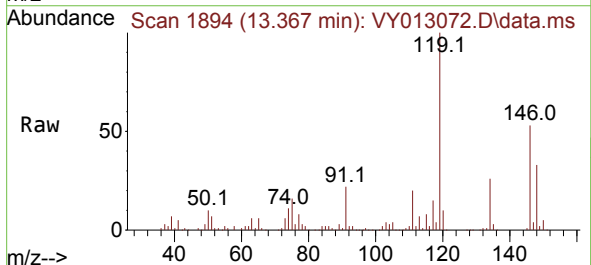
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

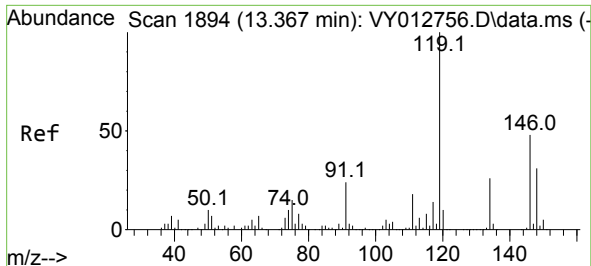
Tgt Ion:105 Resp: 122756
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 19.537 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY013072.D
 Acq: 24 Mar 2023 12:36

Tgt Ion:119 Resp: 100608
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.6
 91 23.6 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 20.463 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

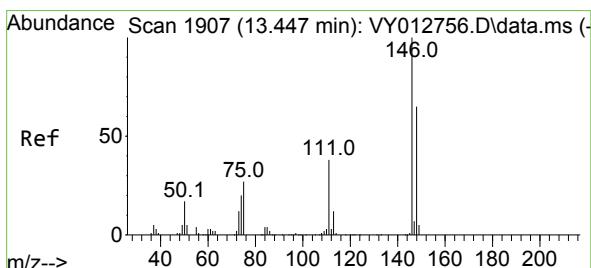
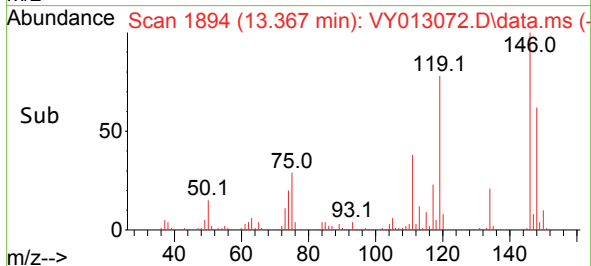
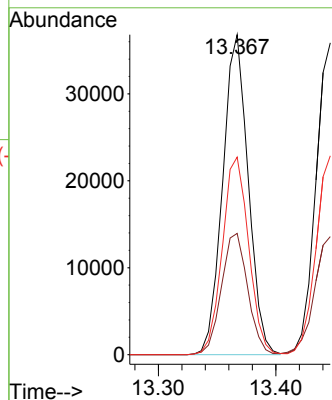
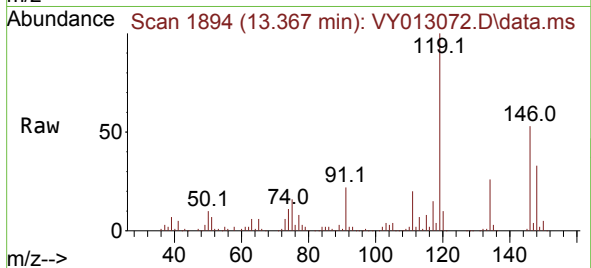
Tgt Ion:146 Resp: 55592

Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.5

148 63.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 20.190 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

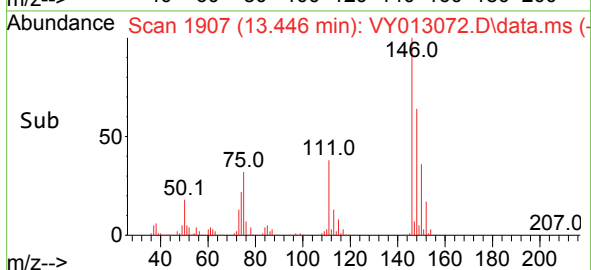
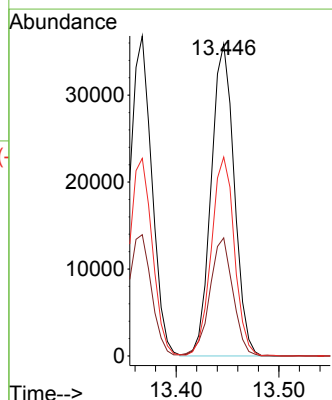
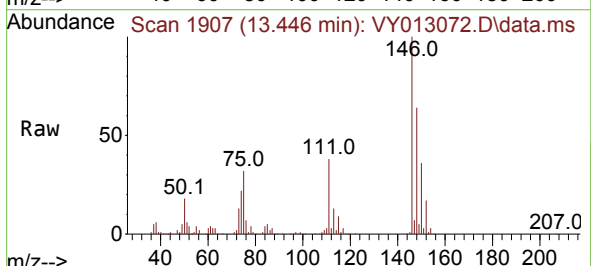
Tgt Ion:146 Resp: 55982

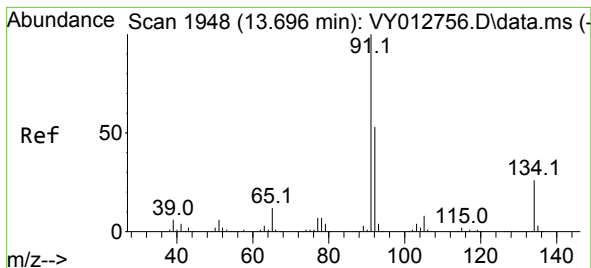
Ion Ratio Lower Upper

146 100

111 38.0 18.6 55.8

148 63.9 31.5 94.5





#89

n-Butylbenzene

Concen: 19.290 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

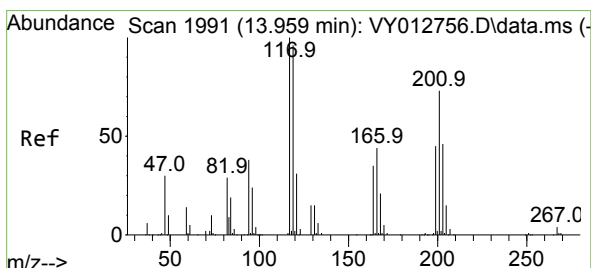
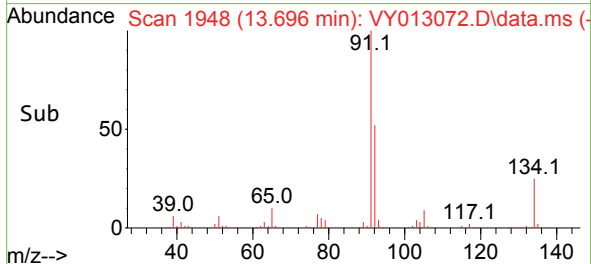
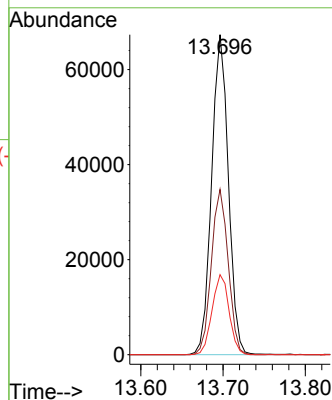
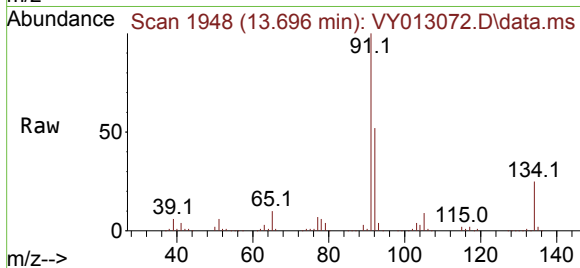
Tgt Ion: 91 Resp: 95095

Ion Ratio Lower Upper

91 100

92 51.9 26.4 79.0

134 25.3 13.0 38.9



#90

Hexachloroethane

Concen: 20.030 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013072.D

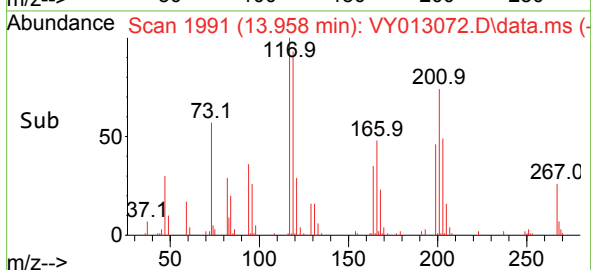
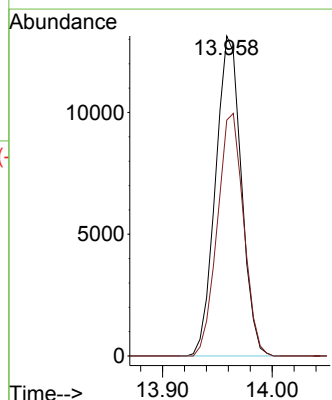
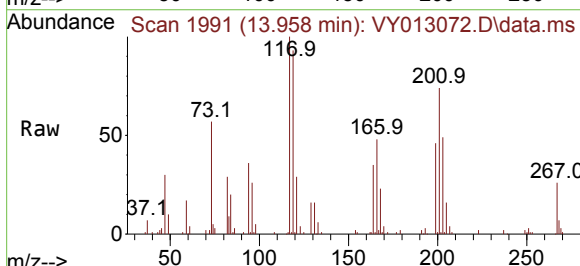
Acq: 24 Mar 2023 12:36

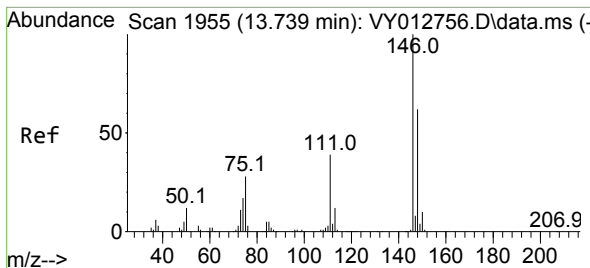
Tgt Ion: 117 Resp: 21483

Ion Ratio Lower Upper

117 100

201 77.1 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 20.734 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

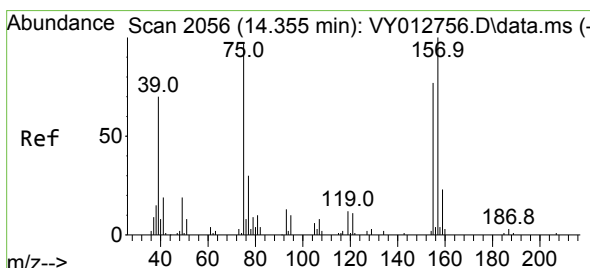
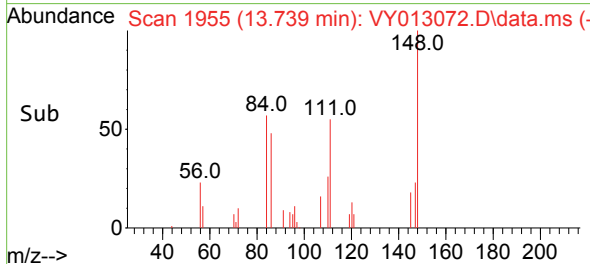
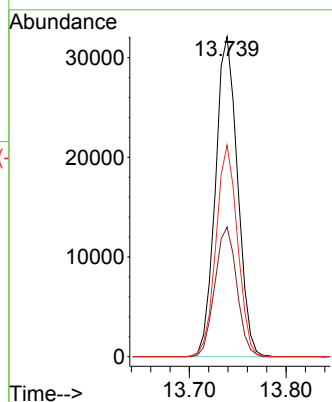
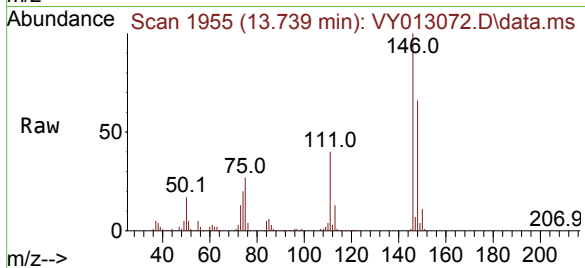
Tgt Ion:146 Resp: 50920

Ion Ratio Lower Upper

146 100

111 40.2 19.7 59.1

148 64.4 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 24.030 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

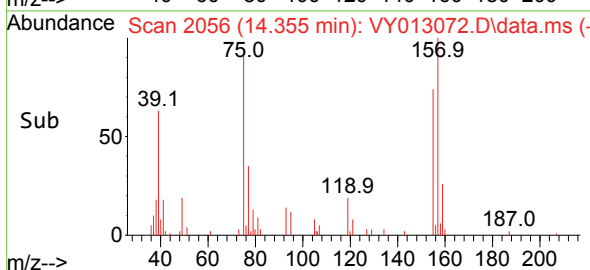
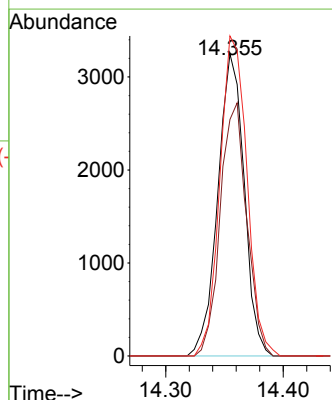
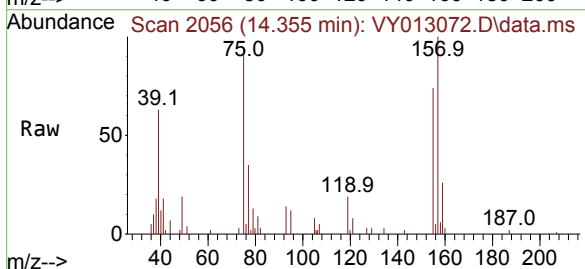
Tgt Ion: 75 Resp: 5062

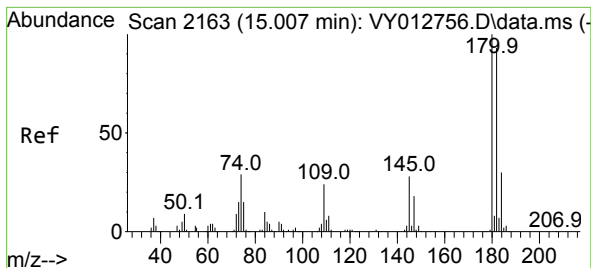
Ion Ratio Lower Upper

75 100

155 84.2 43.8 131.4

157 108.7 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 20.090 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013072.D

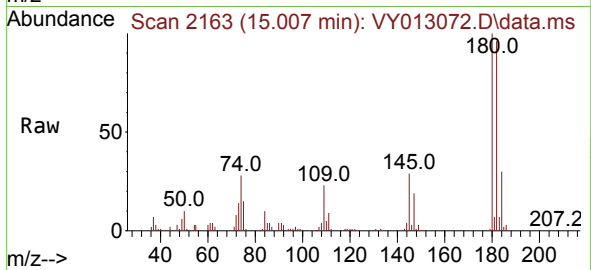
Acq: 24 Mar 2023 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01



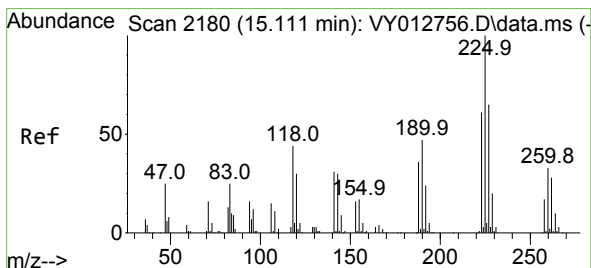
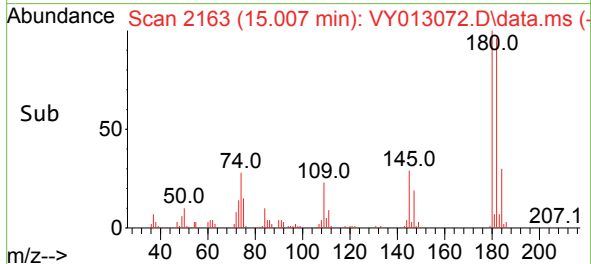
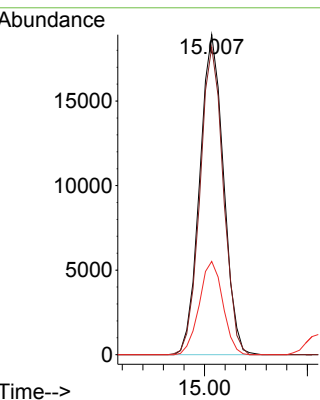
Tgt Ion:180 Resp: 30378

Ion Ratio Lower Upper

180 100

182 94.2 46.7 140.1

145 28.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 18.757 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013072.D

Acq: 24 Mar 2023 12:36

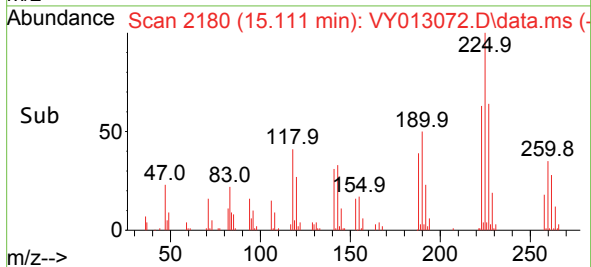
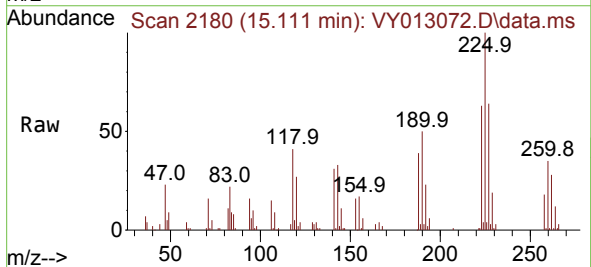
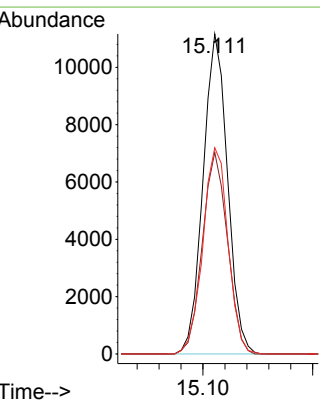
Tgt Ion:225 Resp: 17299

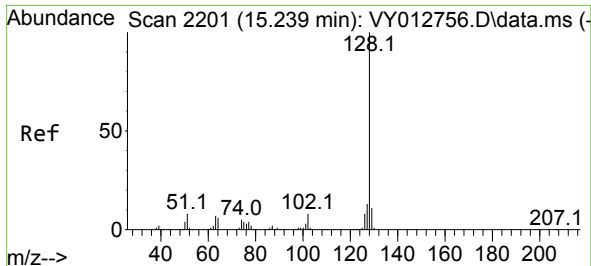
Ion Ratio Lower Upper

225 100

223 64.5 31.1 93.3

227 66.2 32.4 97.0

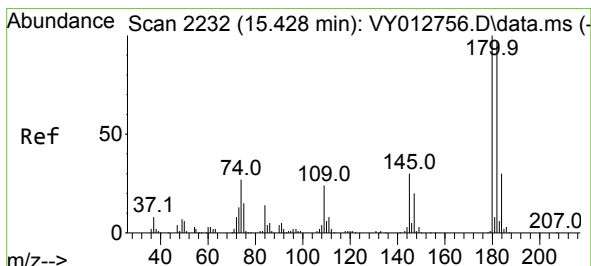
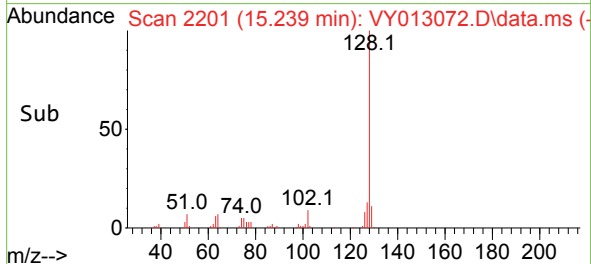
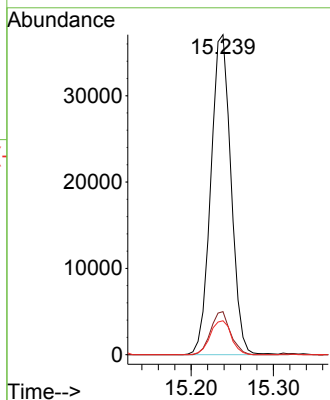
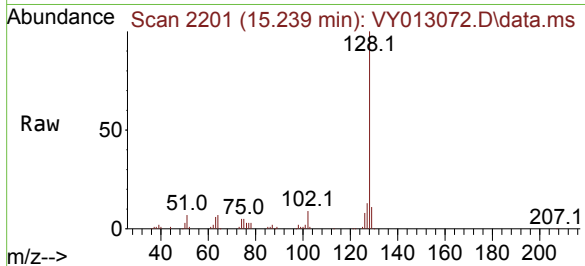




#95
Naphthalene
Concen: 20.824 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tgt Ion:	128	Resp:	63099
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.3	15.5
129	11.1	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.265 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY013072.D
Acq: 24 Mar 2023 12:36

Tgt Ion:	180	Resp:	27252
Ion Ratio	Lower	Upper	
180	100		
182	96.9	47.4	142.3
145	30.9	15.3	45.8

