

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031423\
 Data File : VY012934.D
 Acq On : 14 Mar 2023 11:52
 Operator : KP/MD
 Sample : VY0314SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

Quant Time: Mar 15 01:40:09 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	97931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	148701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	133807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70896	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	45525	46.821	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.640%
35) Dibromofluoromethane	7.715	113	44351	49.421	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.840%
50) Toluene-d8	10.178	98	153960	46.928	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.860%
62) 4-Bromofluorobenzene	12.483	95	54516	49.232	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.905	85	20876	21.627	ug/l	93
3) Chloromethane	2.113	50	23729	20.563	ug/l	99
4) Vinyl Chloride	2.253	62	21869	20.667	ug/l	99
5) Bromomethane	2.643	94	13842	21.528	ug/l	97
6) Chloroethane	2.796	64	13582	21.432	ug/l	99
7) Trichlorofluoromethane	3.125	101	39085	22.239	ug/l	95
8) Diethyl Ether	3.533	74	12763	20.723	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	23081	21.829	ug/l	97
10) Methyl Iodide	4.088	142	28248	20.503	ug/l	100
11) Tert butyl alcohol	4.954	59	14280	116.980	ug/l #	85
12) 1,1-Dichloroethene	3.869	96	22065	21.880	ug/l	94
13) Acrolein	3.728	56	13154	77.217	ug/l	98
14) Allyl chloride	4.484	41	35105	18.845	ug/l	98
15) Acrylonitrile	5.161	53	33554	103.398	ug/l	99
16) Acetone	3.948	43	36369	95.295	ug/l	97
17) Carbon Disulfide	4.198	76	68412	19.930	ug/l	97
18) Methyl Acetate	4.472	43	21195	18.649	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	54580	20.953	ug/l	100
20) Methylene Chloride	4.710	84	29485	22.346	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	23392	21.345	ug/l	94
22) Diisopropyl ether	6.118	45	71385	21.098	ug/l	93
23) Vinyl Acetate	6.057	43	214942	102.242	ug/l	96
24) 1,1-Dichloroethane	6.014	63	41657	21.606	ug/l	99
25) 2-Butanone	6.984	43	47396	100.266	ug/l	99
26) 2,2-Dichloropropane	6.978	77	37963	22.170	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	25773	21.935	ug/l	100
28) Bromochloromethane	7.331	49	15110	21.446	ug/l	93
29) Tetrahydrofuran	7.350	42	28386	99.567	ug/l	96
30) Chloroform	7.508	83	43230	22.700	ug/l	99
31) Cyclohexane	7.782	56	36191	19.435	ug/l	94
32) 1,1,1-Trichloroethane	7.703	97	38382	22.286	ug/l	98
36) 1,1-Dichloropropene	7.917	75	32100	21.345	ug/l	99
37) Ethyl Acetate	7.075	43	19478	20.549	ug/l	99
38) Carbon Tetrachloride	7.904	117	35790	23.046	ug/l	97
39) Methylcyclohexane	9.185	83	36670	20.510	ug/l	97
40) Benzene	8.160	78	95291	22.400	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	27123	53.111	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	29088	22.744	ug/l	100
43) Isopropyl Acetate	8.270	43	34590	20.454	ug/l	97
44) Trichloroethene	8.941	130	25654	22.873	ug/l	97
45) 1,2-Dichloropropane	9.215	63	23487	21.846	ug/l	95
46) Dibromomethane	9.307	93	14085	22.996	ug/l	97
47) Bromodichloromethane	9.496	83	33164	22.977	ug/l	96
48) Methyl methacrylate	9.294	41	15534	19.935	ug/l	93
49) 1,4-Dioxane	9.307	88	3584	452.644	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	96376	105.063	ug/l	99
52) Toluene	10.245	92	59403	23.154	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	33864	22.368	ug/l	97
54) cis-1,3-Dichloropropene	9.928	75	37686	21.993	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	19507	22.869	ug/l	98
56) Ethyl methacrylate	10.508	69	24024	21.123	ug/l	99
57) 1,3-Dichloropropane	10.788	76	32679	22.493	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	66611	111.564	ug/l	100
59) 2-Hexanone	10.831	43	70000	104.997	ug/l	98
60) Dibromochloromethane	10.983	129	24009	23.123	ug/l	99
61) 1,2-Dibromoethane	11.087	107	18736	22.802	ug/l	100
64) Tetrachloroethene	10.721	164	22609	23.207	ug/l	97
65) Chlorobenzene	11.513	112	63154	22.488	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	24822	23.887	ug/l	97
67) Ethyl Benzene	11.593	91	110773	22.436	ug/l	99
68) m/p-Xylenes	11.702	106	86097	45.329	ug/l	100
69) o-Xylene	12.032	106	39993	22.561	ug/l	97
70) Styrene	12.044	104	67331	22.761	ug/l	98
71) Bromoform	12.208	173	15839	23.377	ug/l #	99
73) Isopropylbenzene	12.330	105	107599	21.415	ug/l	99
74) N-amyl acetate	12.141	43	31195	19.733	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.580	83	24071	21.312	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	30873	36.467	ug/l #	100
77) Bromobenzene	12.611	156	26646	21.830	ug/l	96
78) n-propylbenzene	12.672	91	133907	21.617	ug/l	99
79) 2-Chlorotoluene	12.757	91	73894	21.463	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	91263	22.010	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	8457	20.698	ug/l	99
82) 4-Chlorotoluene	12.855	91	78236	21.952	ug/l	100
83) tert-Butylbenzene	13.074	119	76964	21.505	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	88603	21.852	ug/l	98
85) sec-Butylbenzene	13.257	105	119103	21.814	ug/l	100
86) p-Isopropyltoluene	13.373	119	99027	22.192	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	53445	22.702	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	53013	22.064	ug/l	98
89) n-Butylbenzene	13.696	91	91494	21.418	ug/l	100
90) Hexachloroethane	13.964	117	20450	22.003	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	48696	22.883	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3751	20.549	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	28535	21.778	ug/l	98
94) Hexachlorobutadiene	15.117	225	17691	22.137	ug/l	99
95) Naphthalene	15.238	128	52716	20.077	ug/l	100
96) 1,2,3-Trichlorobenzene	15.427	180	25257	21.674	ug/l	99

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MSVOA_Y
ClientSampleId :
VY0314SBS01

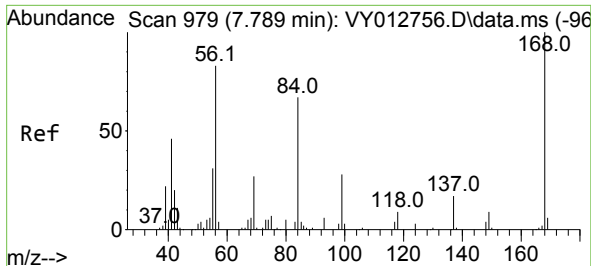
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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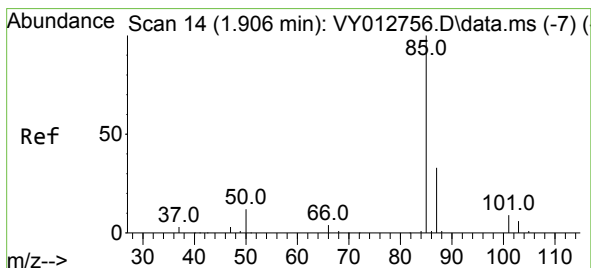
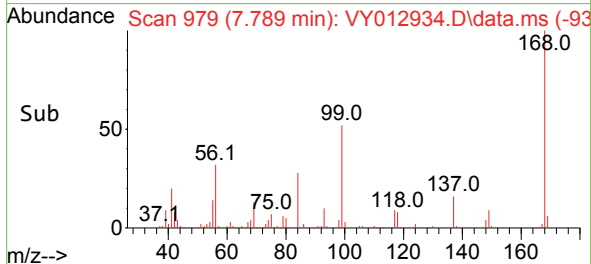
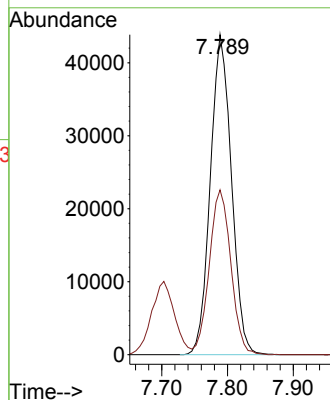
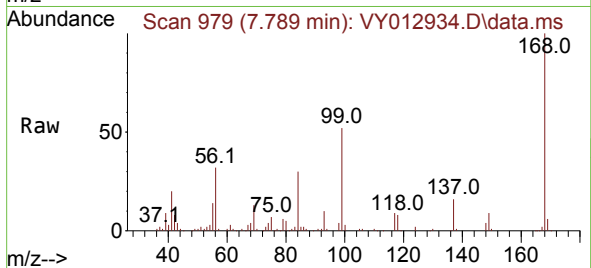




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012934.D
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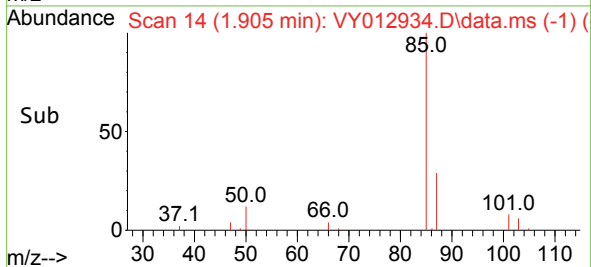
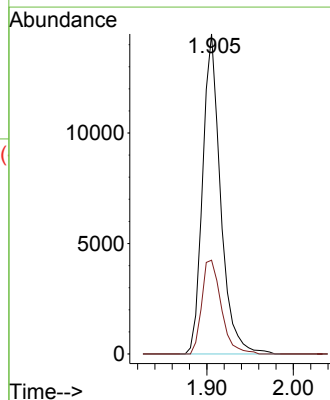
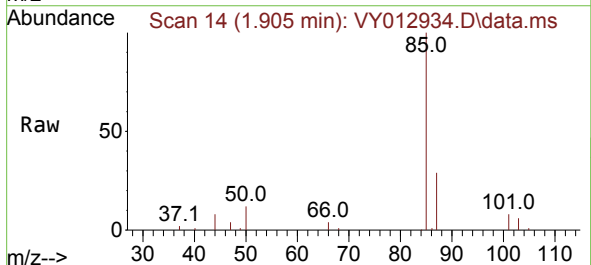
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

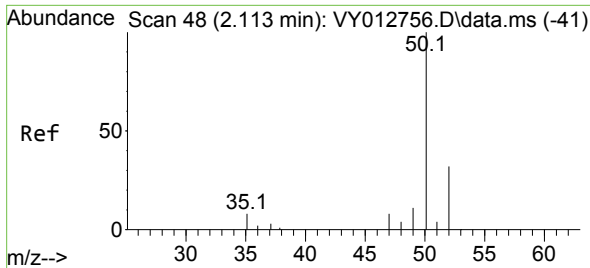
Tgt Ion:168 Resp: 97931
Ion Ratio Lower Upper
168 100
99 51.5 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 21.627 ug/l
RT: 1.905 min Scan# 14
Delta R.T. -0.001 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

Tgt Ion: 85 Resp: 20876
Ion Ratio Lower Upper
85 100
87 29.3 16.7 50.0

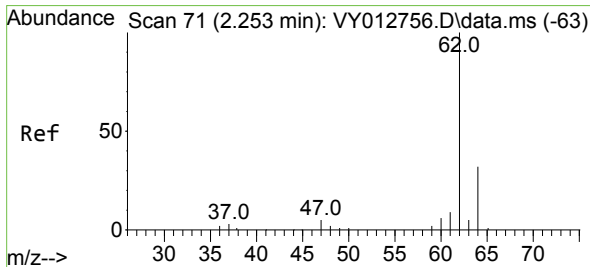
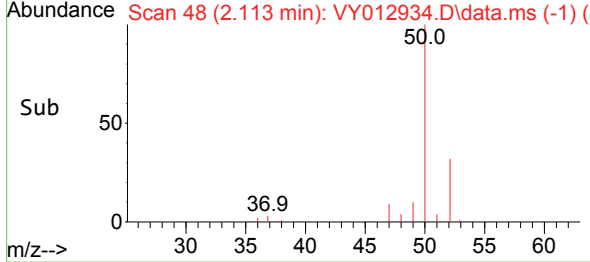
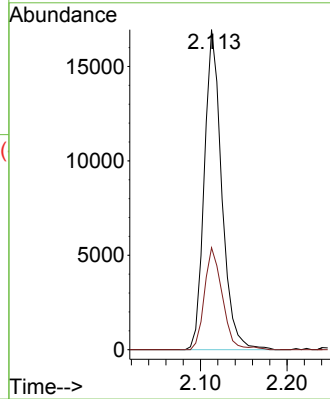
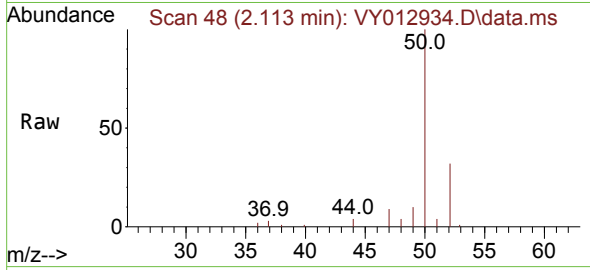




#3
Chloromethane
Concen: 20.563 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

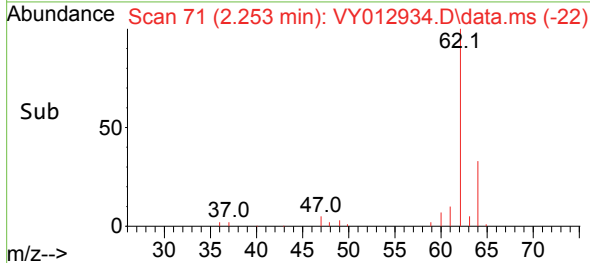
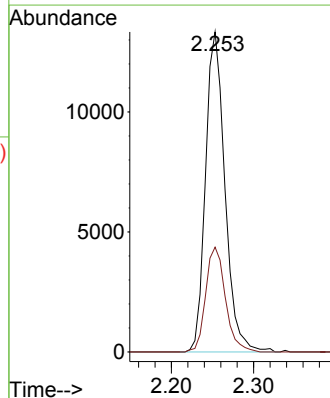
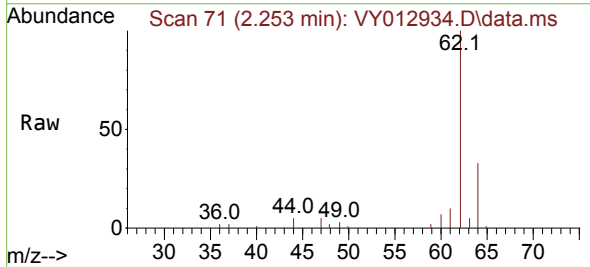
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

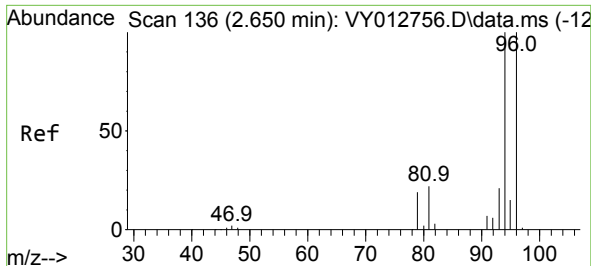
Tgt Ion: 50 Resp: 23729
Ion Ratio Lower Upper
50 100
52 31.9 26.0 39.0



#4
Vinyl Chloride
Concen: 20.667 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

Tgt Ion: 62 Resp: 21869
Ion Ratio Lower Upper
62 100
64 32.8 25.6 38.4





#5

Bromomethane

Concen: 21.528 ug/l

RT: 2.643 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY012934.D

Acq: 14 Mar 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

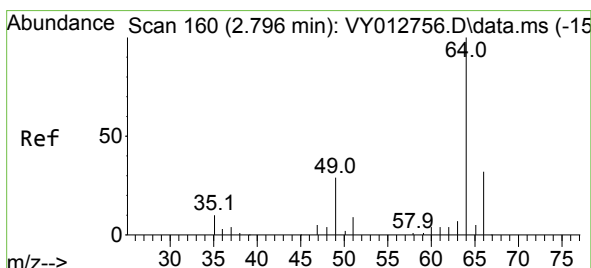
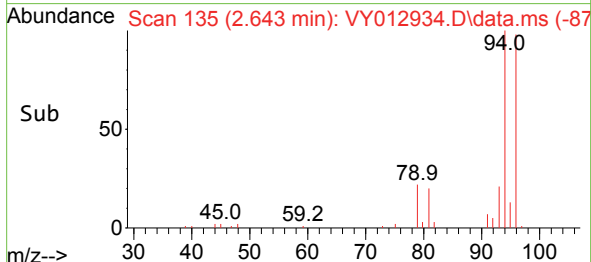
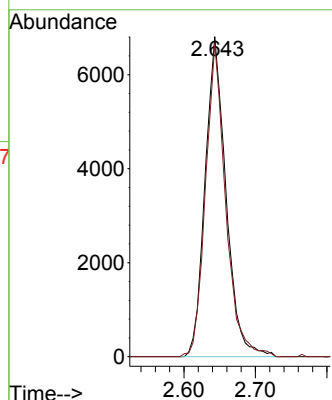
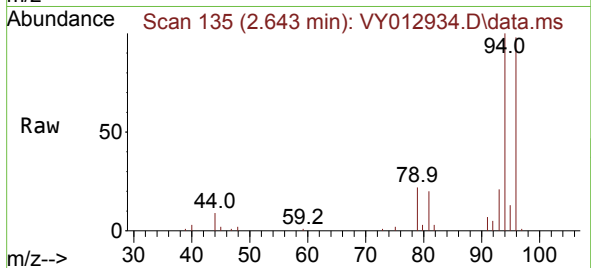
VY0314SBS01

Tgt Ion: 94 Resp: 13842

Ion Ratio Lower Upper

94 100

96 97.8 80.3 120.5



#6

Chloroethane

Concen: 21.432 ug/l

RT: 2.796 min Scan# 160

Delta R.T. -0.000 min

Lab File: VY012934.D

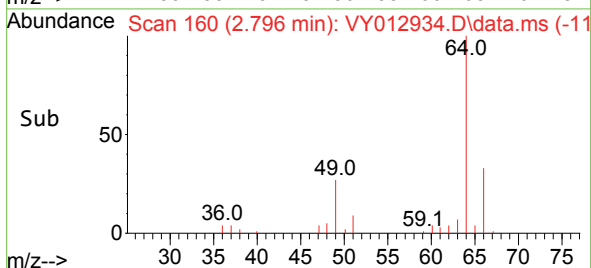
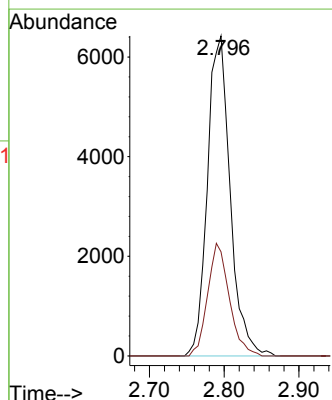
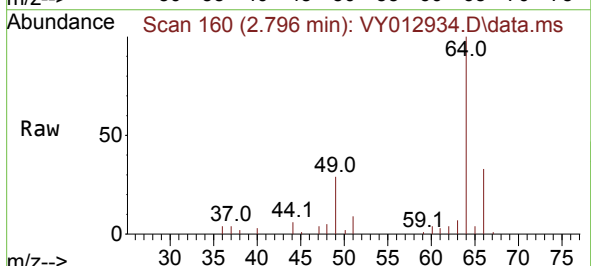
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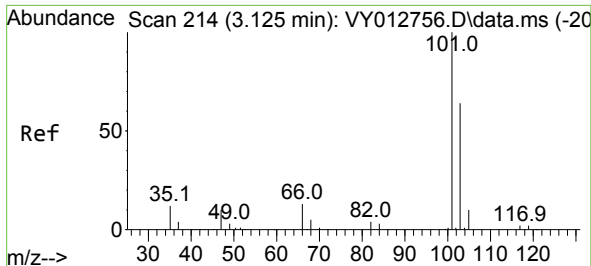
Tgt Ion: 64 Resp: 13582

Ion Ratio Lower Upper

64 100

66 32.5 25.7 38.5

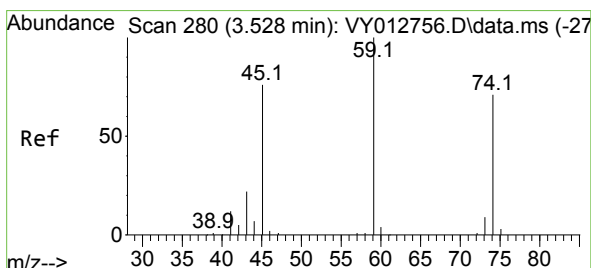
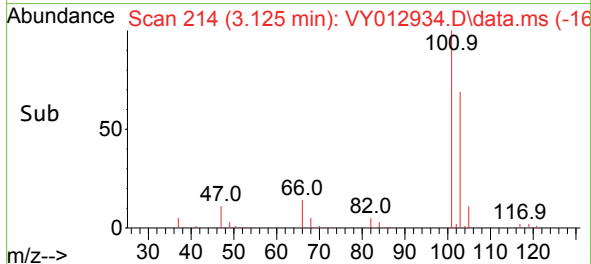
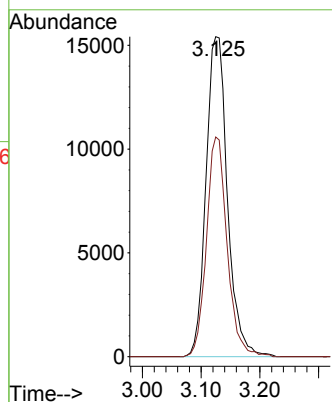
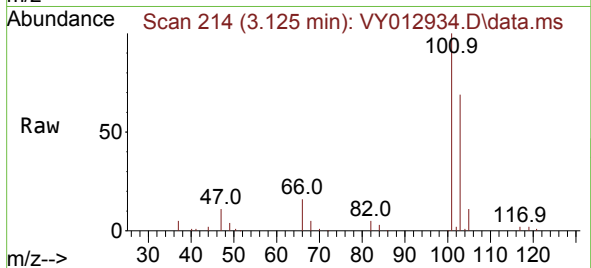




#7
 Trichlorofluoromethane
 Concen: 22.239 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VY012934.D
 Acq: 14 Mar 2023 11:52

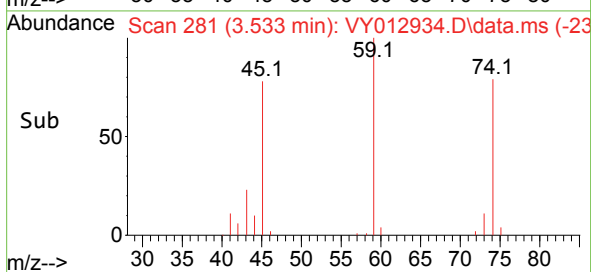
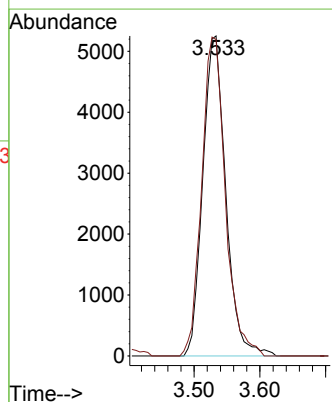
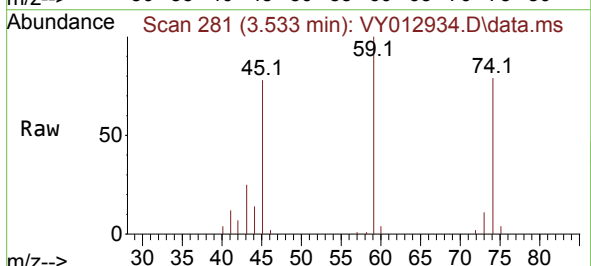
Instrument :
 MSVOA_Y
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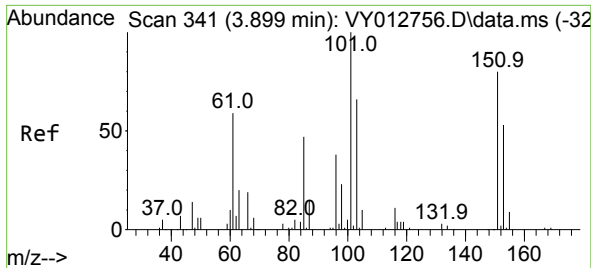
Tgt Ion:101 Resp: 39085
 Ion Ratio Lower Upper
 101 100
 103 68.6 51.5 77.3



#8
 Diethyl Ether
 Concen: 20.723 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. 0.005 min
 Lab File: VY012934.D
 Acq: 14 Mar 2023 11:52

Tgt Ion: 74 Resp: 12763
 Ion Ratio Lower Upper
 74 100
 45 102.6 52.1 156.4

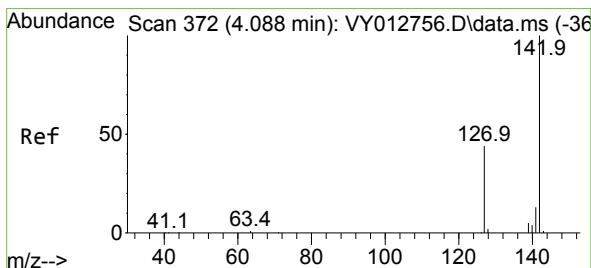
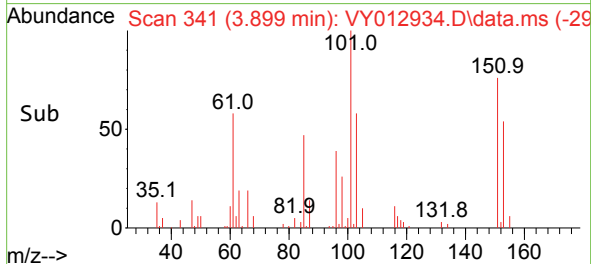
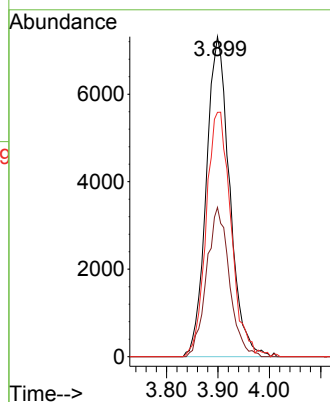
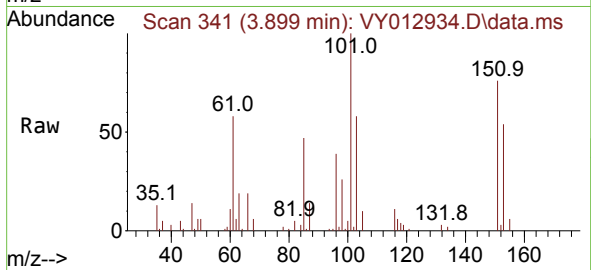




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.829 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

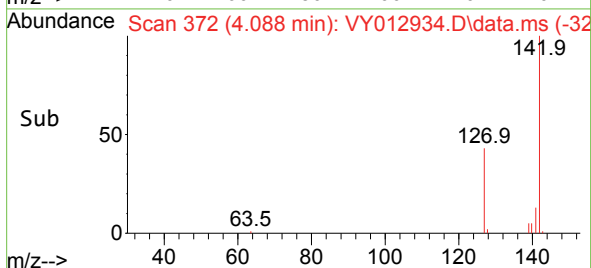
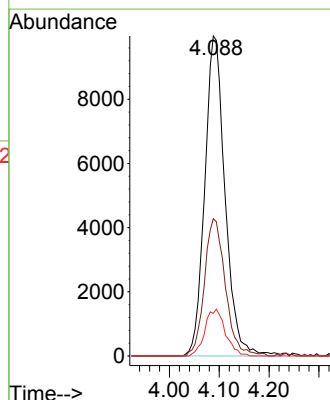
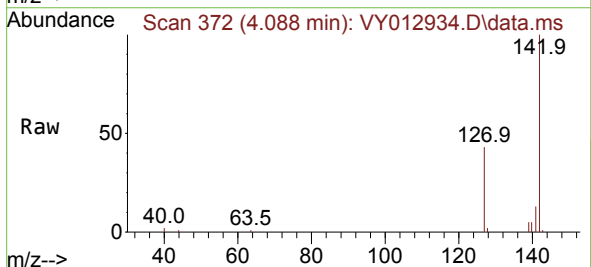
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

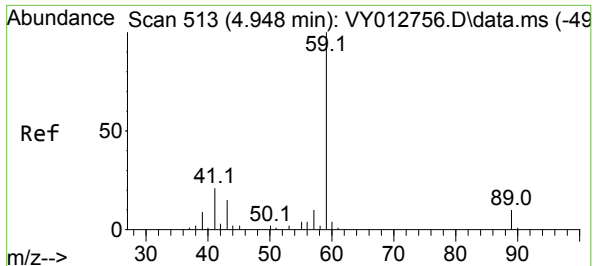
Tgt Ion:	101	Resp:	23081
Ion	Ratio	Lower	Upper
101	100		
85	45.5	35.3	52.9
151	81.3	63.1	94.7



#10
Methyl Iodide
Concen: 20.503 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

Tgt Ion:	142	Resp:	28248
Ion	Ratio	Lower	Upper
142	100		
127	44.2	35.4	53.2
141	14.7	11.3	16.9





#11

Tert butyl alcohol

Concen: 116.980 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY012934.D

Acq: 14 Mar 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

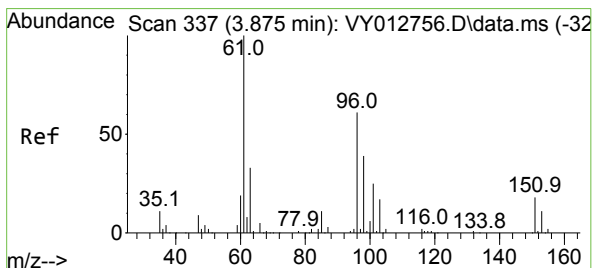
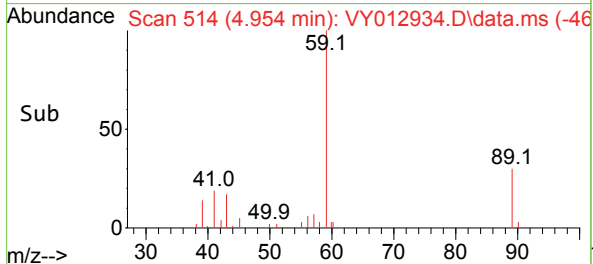
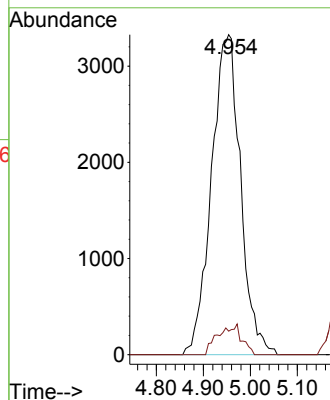
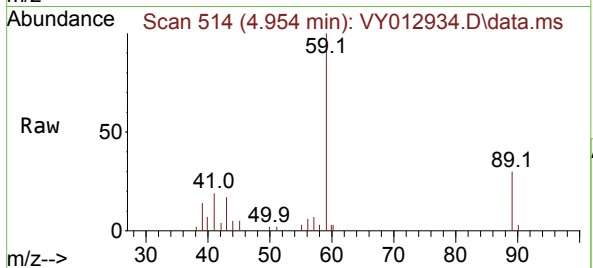
VY0314SBS01

Tgt Ion: 59 Resp: 14280

Ion Ratio Lower Upper

59 100

57 4.1 7.7 11.5#



#12

1,1-Dichloroethene

Concen: 21.880 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY012934.D

Acq: 14 Mar 2023 11:52

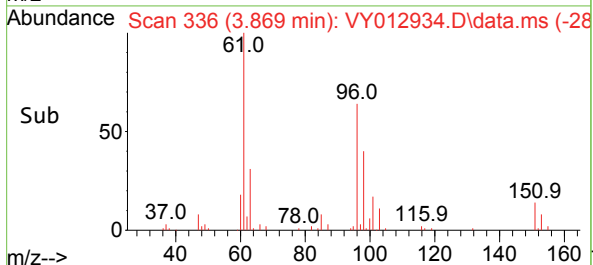
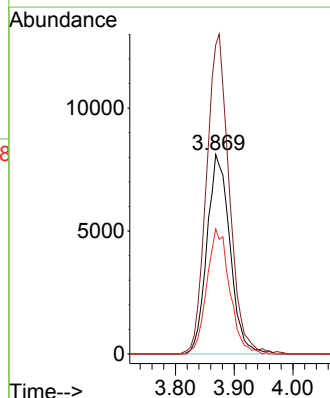
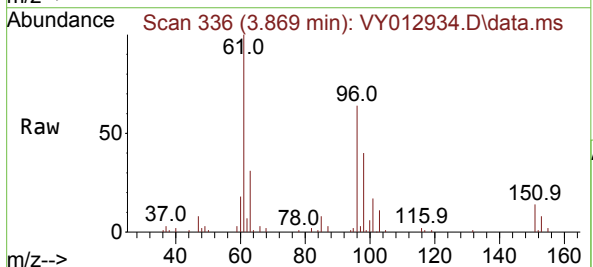
Tgt Ion: 96 Resp: 22065

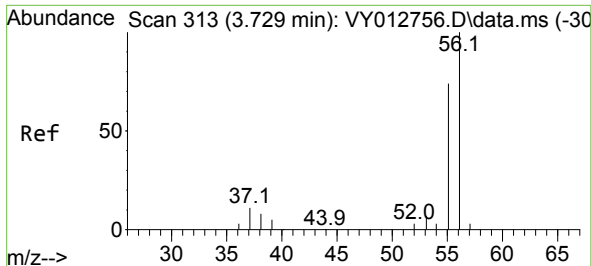
Ion Ratio Lower Upper

96 100

61 155.1 131.7 197.5

98 62.7 52.0 78.0

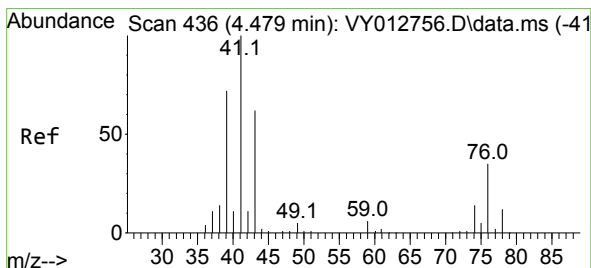
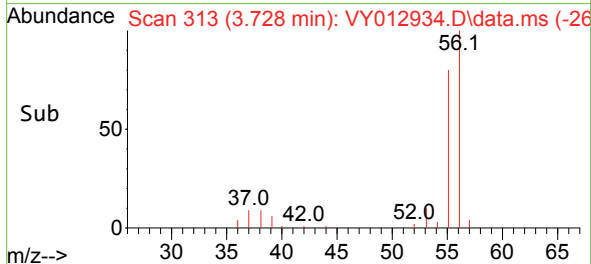
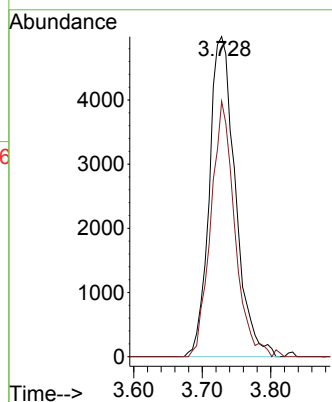
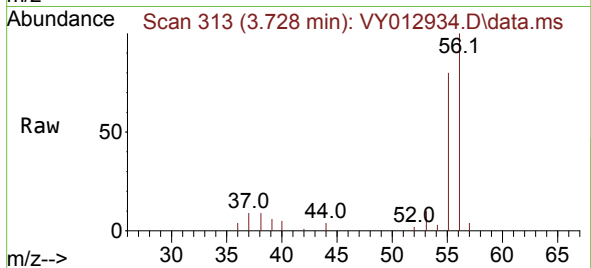




#13
Acrolein
Concen: 77.217 ug/l
RT: 3.728 min Scan# 313
Delta R.T. -0.001 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

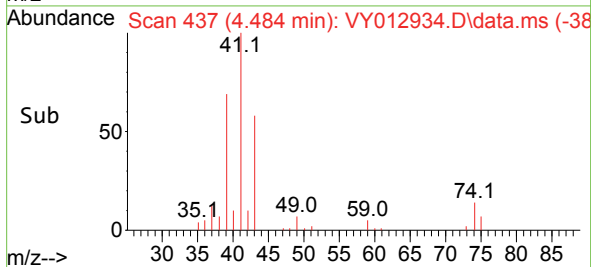
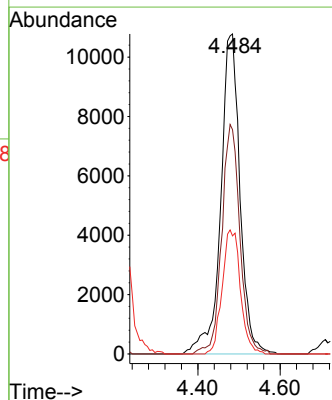
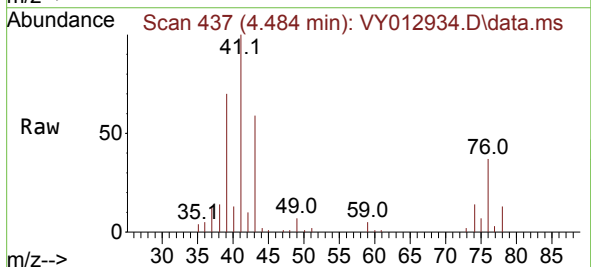
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

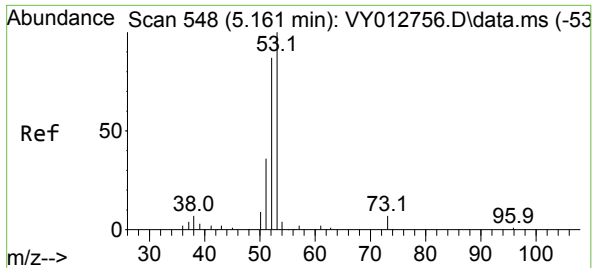
Tgt Ion: 56 Resp: 13154
Ion Ratio Lower Upper
56 100
55 73.1 56.8 85.2



#14
Allyl chloride
Concen: 18.845 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.005 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

Tgt Ion: 41 Resp: 35105
Ion Ratio Lower Upper
41 100
39 67.5 53.6 80.4
76 36.7 27.2 40.8

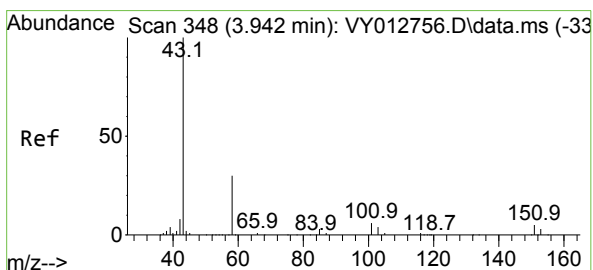
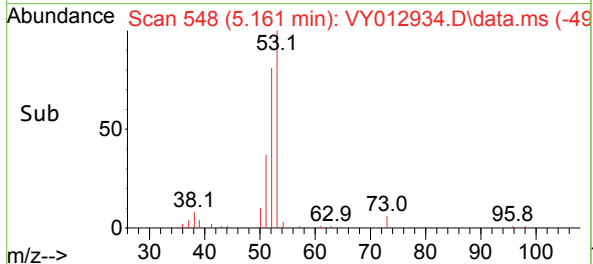
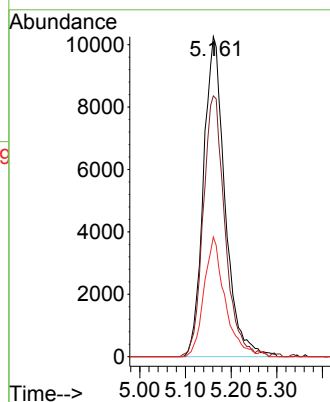
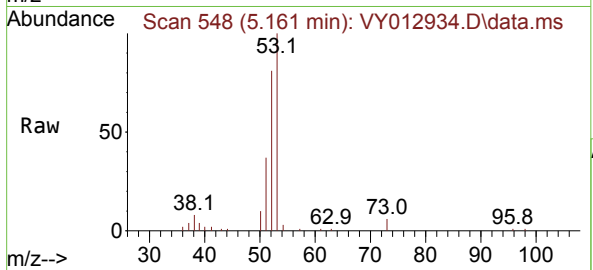




#15
Acrylonitrile
Concen: 103.398 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

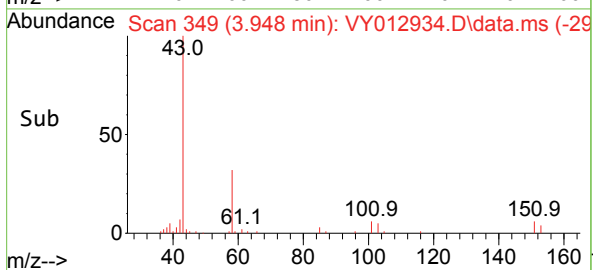
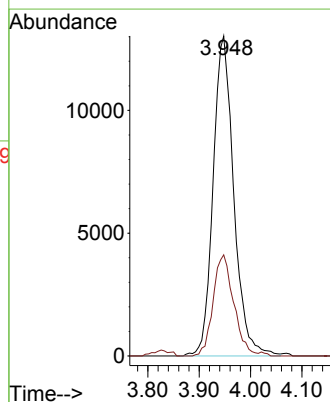
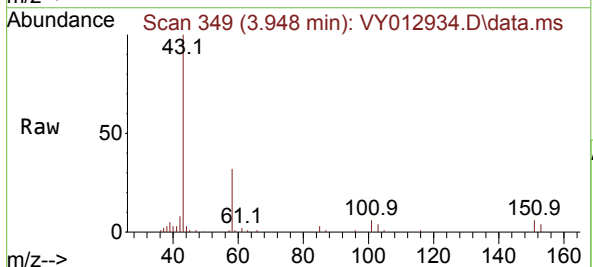
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

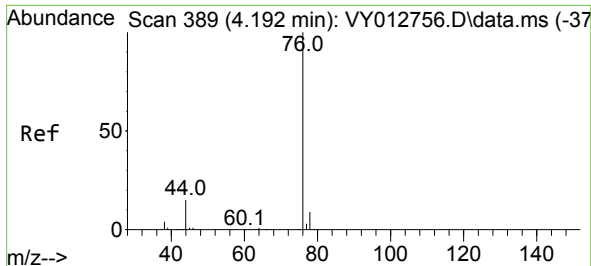
Tgt Ion: 53	Resp:	33554	
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.3	99.5
51	36.4	28.8	43.2



#16
Acetone
Concen: 95.295 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

Tgt Ion: 43	Resp:	36369	
Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.2	36.2

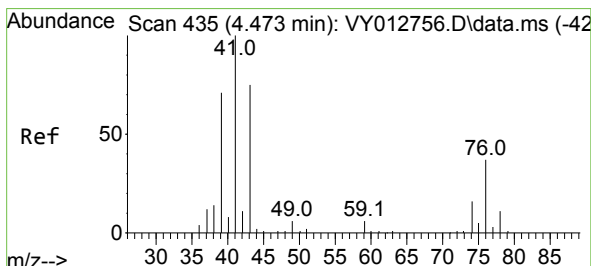
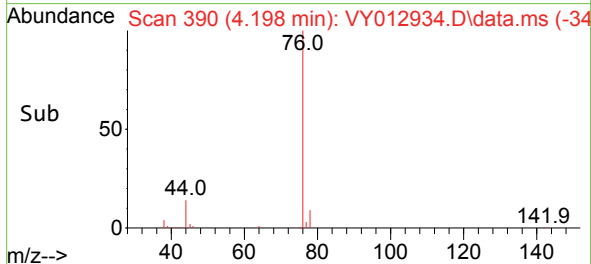
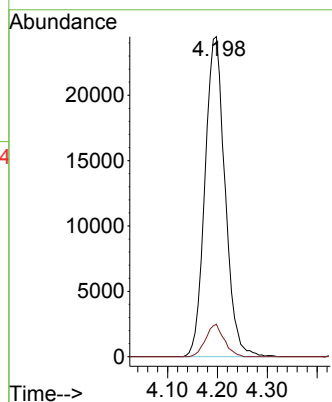
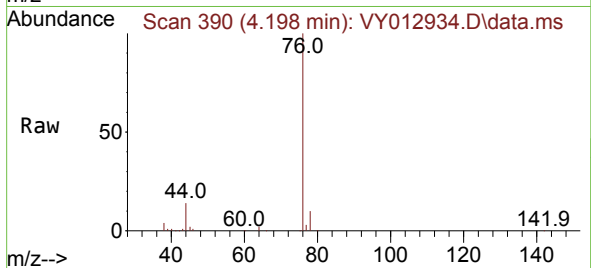




#17
Carbon Disulfide
Concen: 19.930 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

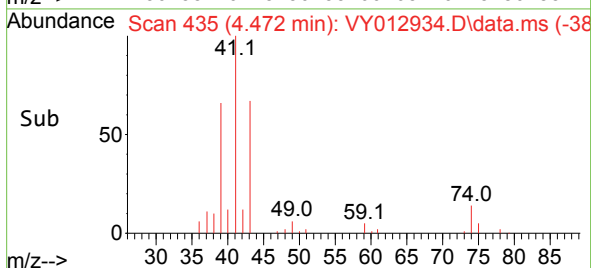
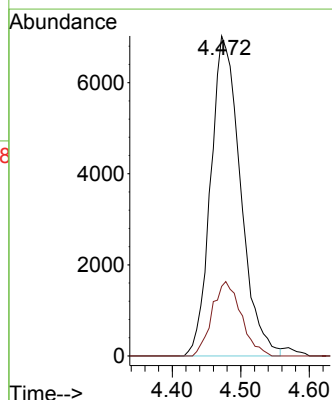
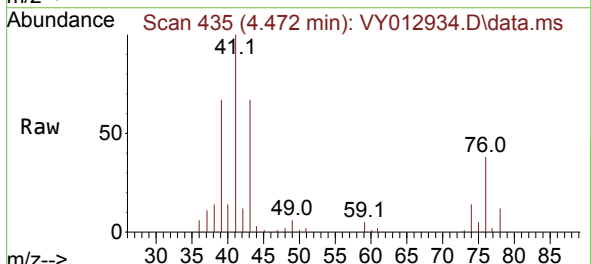
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

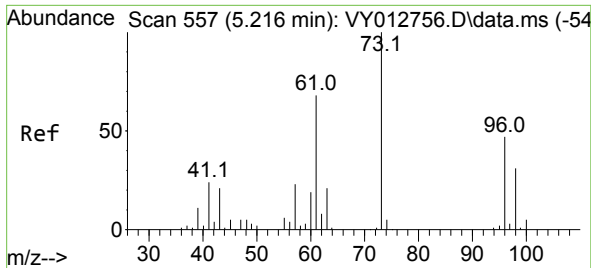
Tgt Ion: 76 Resp: 68412
Ion Ratio Lower Upper
76 100
78 10.1 7.1 10.7



#18
Methyl Acetate
Concen: 18.649 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

Tgt Ion: 43 Resp: 21195
Ion Ratio Lower Upper
43 100
74 22.7 17.4 26.0

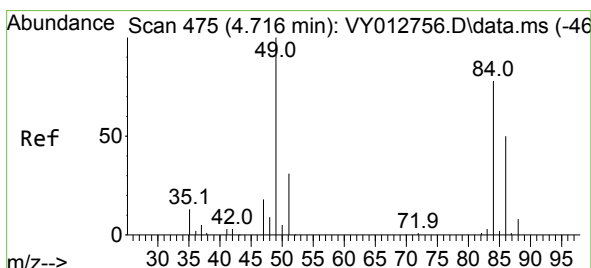
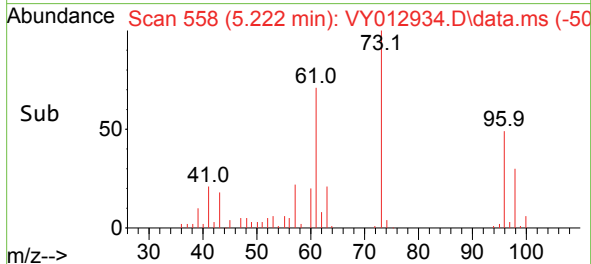
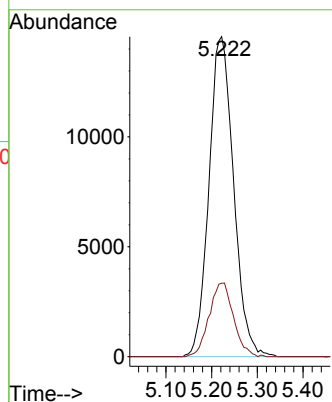
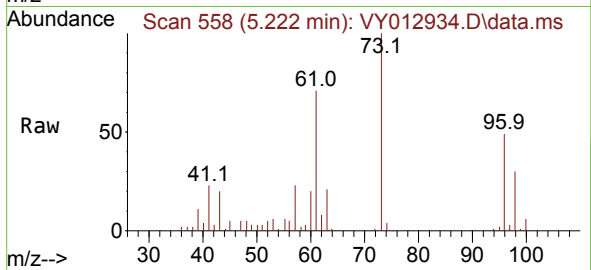




#19
Methyl tert-butyl Ether
Concen: 20.953 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

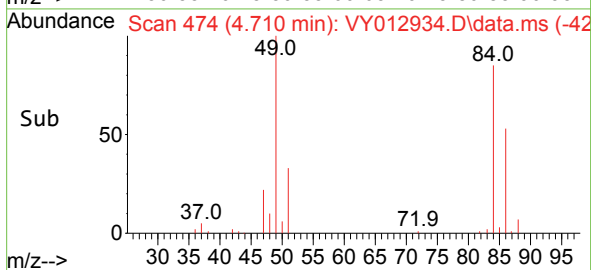
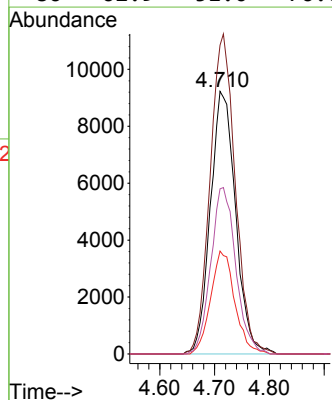
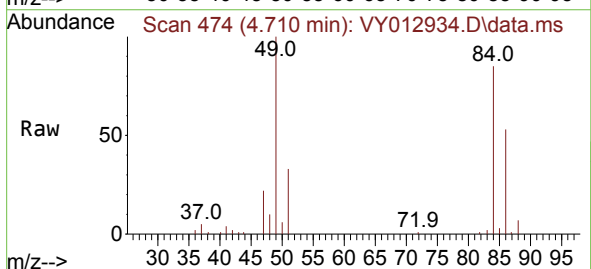
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

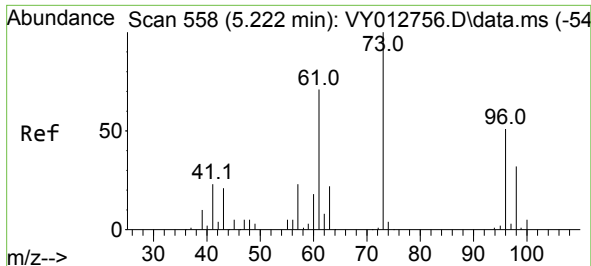
Tgt Ion: 73 Resp: 54580
Ion Ratio Lower Upper
73 100
57 22.9 18.3 27.5



#20
Methylene Chloride
Concen: 22.346 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

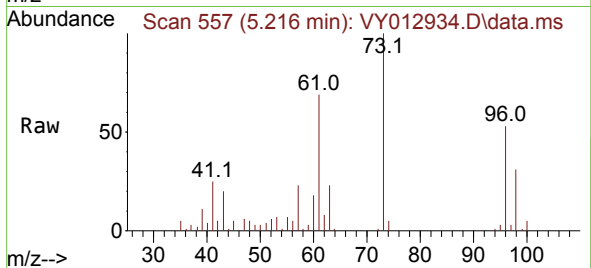
Tgt Ion: 84 Resp: 29485
Ion Ratio Lower Upper
84 100
49 117.6 102.6 154.0
51 39.2 31.9 47.9
86 62.9 51.0 76.6





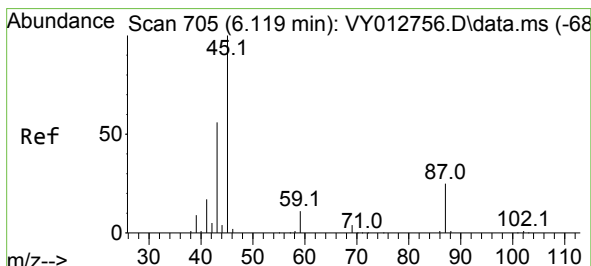
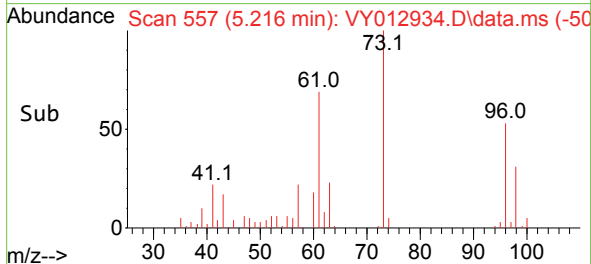
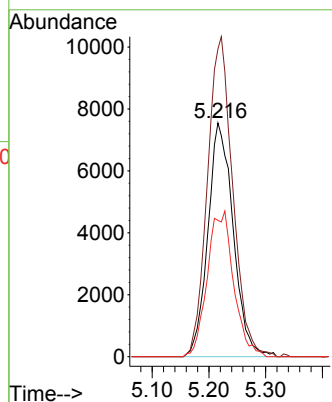
#21
trans-1,2-Dichloroethene
Concen: 21.345 ug/l
RT: 5.216 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01



Tgt Ion: 96 Resp: 23392

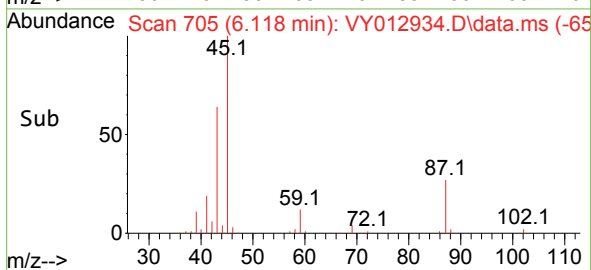
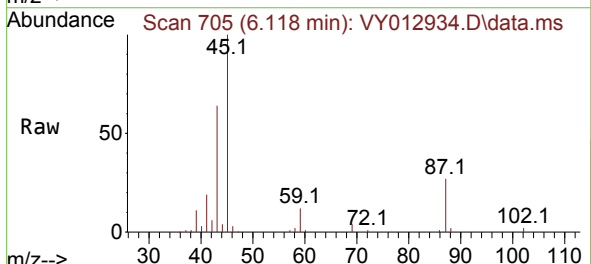
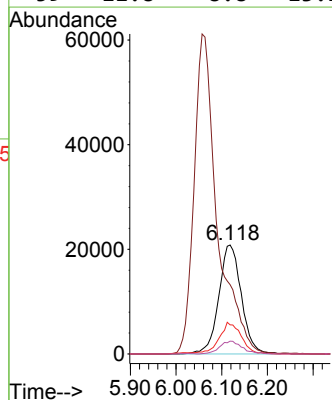
Ion	Ratio	Lower	Upper
96	100		
61	131.7	111.4	167.0
98	58.3	50.8	76.2

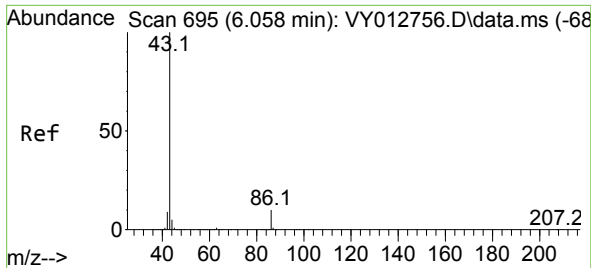


#22
Diisopropyl ether
Concen: 21.098 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

Tgt Ion: 45 Resp: 71385

Ion	Ratio	Lower	Upper
45	100		
43	63.0	45.0	67.6
87	26.8	20.3	30.5
59	11.8	8.8	13.2

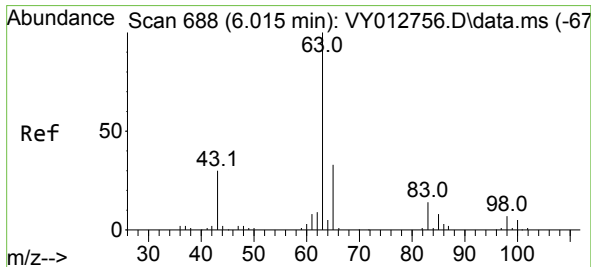
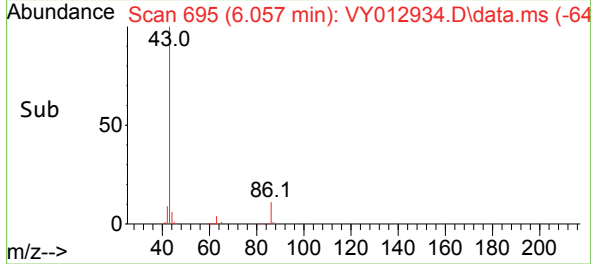
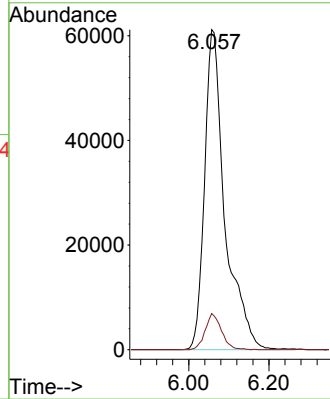
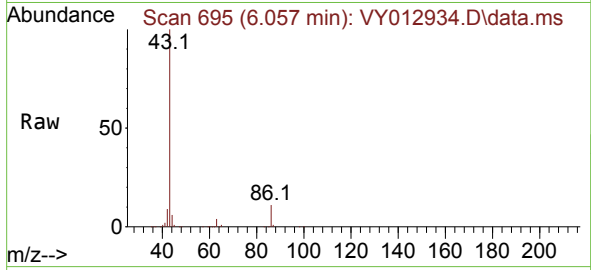




#23
 Vinyl Acetate
 Concen: 102.242 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.001 min
 Lab File: VY012934.D
 Acq: 14 Mar 2023 11:52

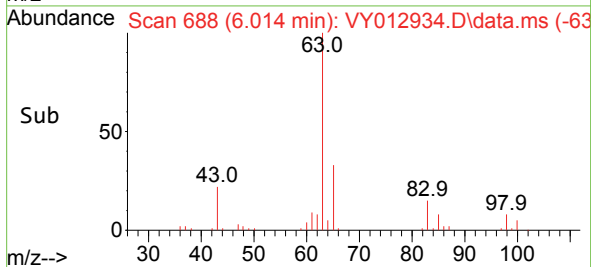
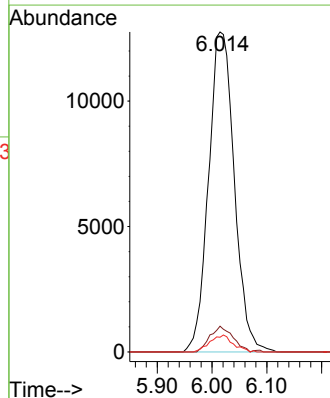
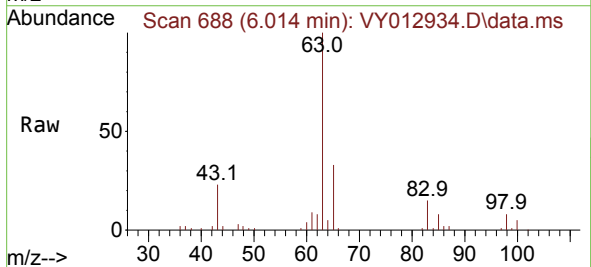
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

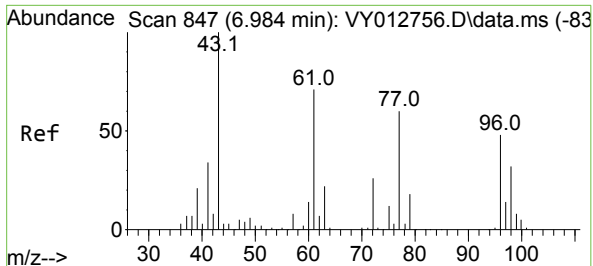
Tgt Ion: 43 Resp: 214942
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 21.606 ug/l
 RT: 6.014 min Scan# 688
 Delta R.T. -0.001 min
 Lab File: VY012934.D
 Acq: 14 Mar 2023 11:52

Tgt Ion: 63 Resp: 41657
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.7 11.1
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 100.266 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012934.D

Acq: 14 Mar 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

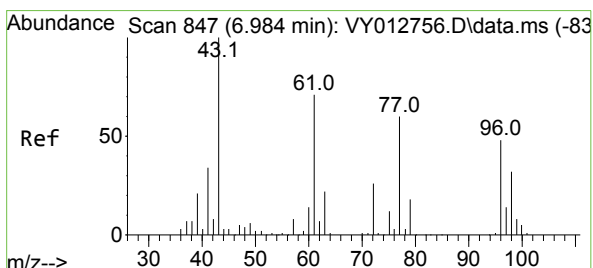
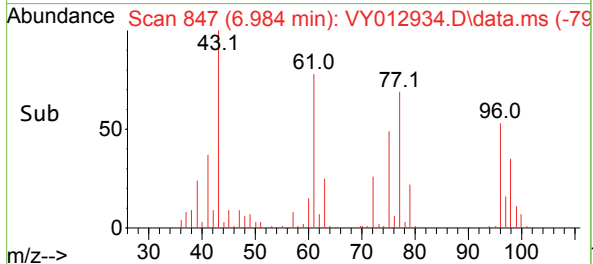
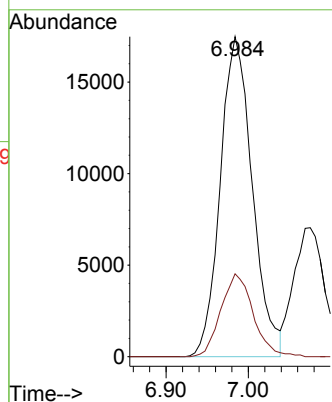
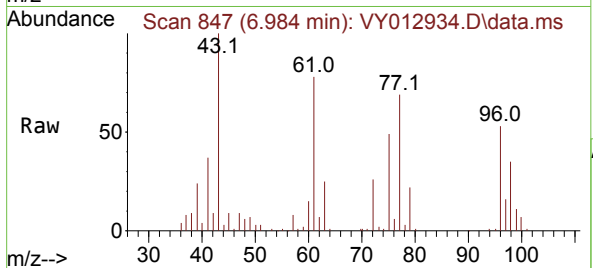
VY0314SBS01

Tgt Ion: 43 Resp: 47396

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.4



#26

2,2-Dichloropropane

Concen: 22.170 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012934.D

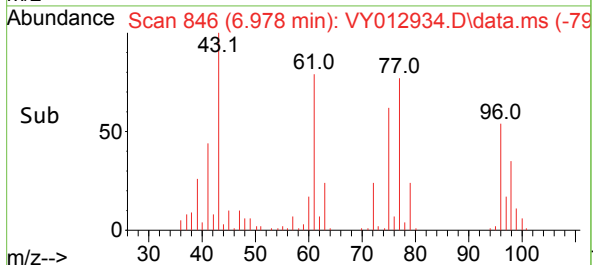
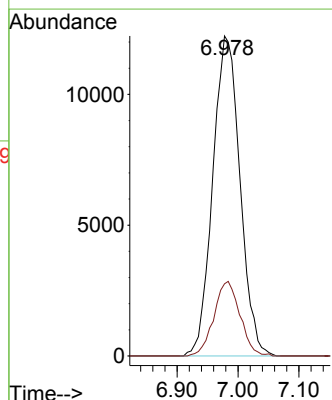
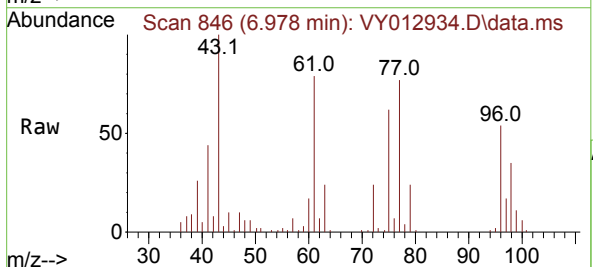
Acq: 14 Mar 2023 11:52

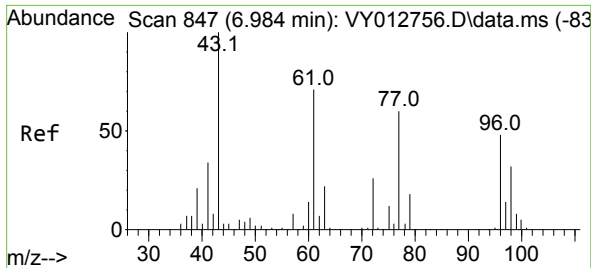
Tgt Ion: 77 Resp: 37963

Ion Ratio Lower Upper

77 100

97 22.3 11.7 35.0



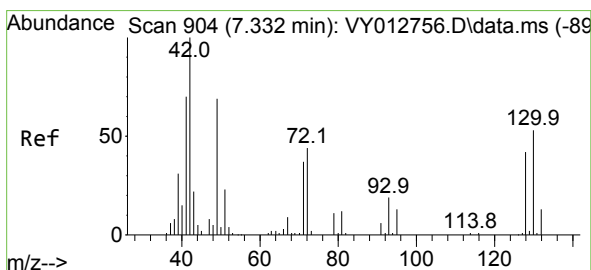
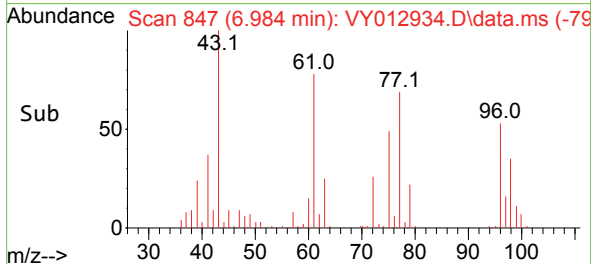
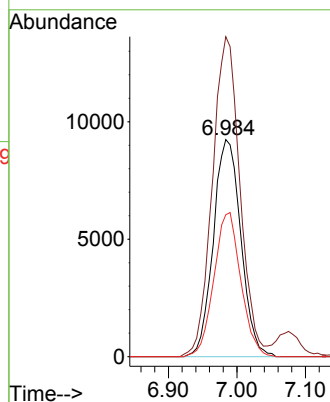
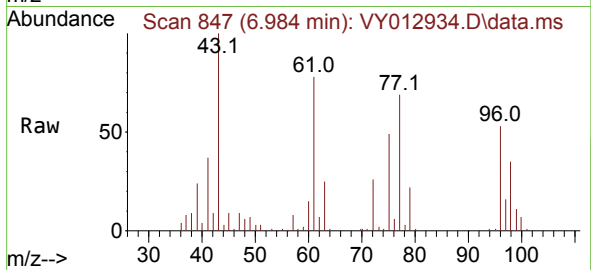


#27
 cis-1,2-Dichloroethene
 Concen: 21.935 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY012934.D
 Acq: 14 Mar 2023 11:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

Tgt Ion: 96 Resp: 25773

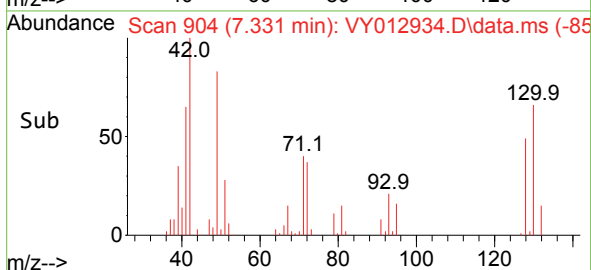
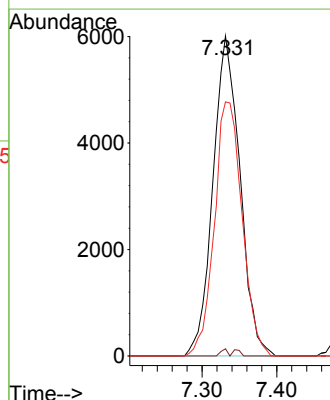
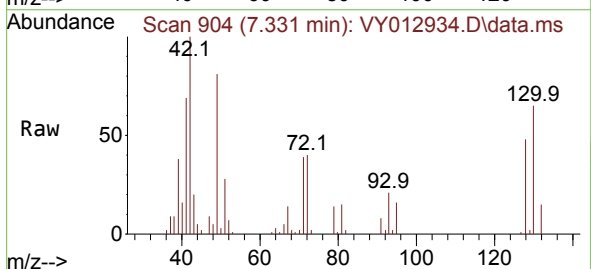
Ion	Ratio	Lower	Upper
96	100		
61	147.9	0.0	295.8
98	64.8	0.0	130.2

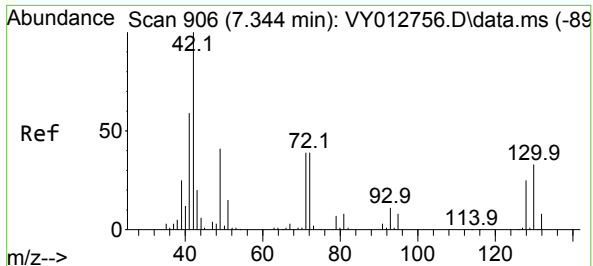


#28
 Bromochloromethane
 Concen: 21.446 ug/l
 RT: 7.331 min Scan# 904
 Delta R.T. -0.001 min
 Lab File: VY012934.D
 Acq: 14 Mar 2023 11:52

Tgt Ion: 49 Resp: 15110

Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	4.2
130	81.5	60.5	90.7





#29

Tetrahydrofuran

Concen: 99.567 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012934.D

Acq: 14 Mar 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

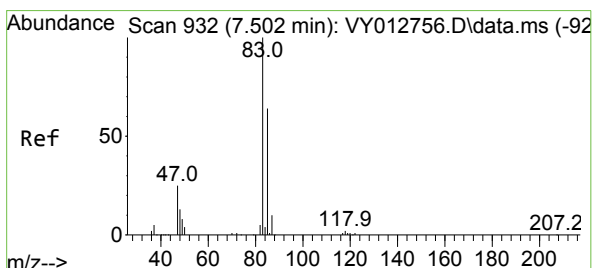
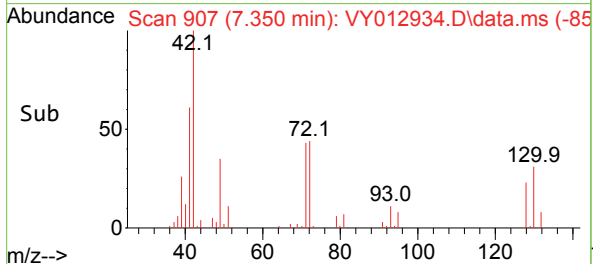
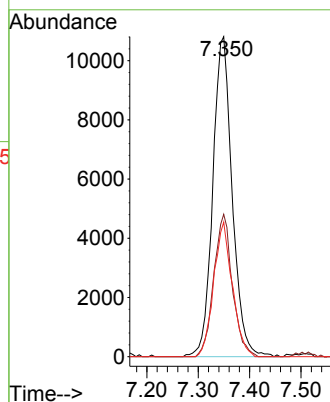
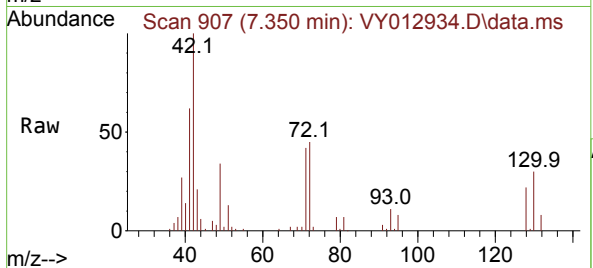
Tgt Ion: 42 Resp: 28386

Ion Ratio Lower Upper

42 100

72 42.7 32.3 48.5

71 40.3 30.3 45.5



#30

Chloroform

Concen: 22.700 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY012934.D

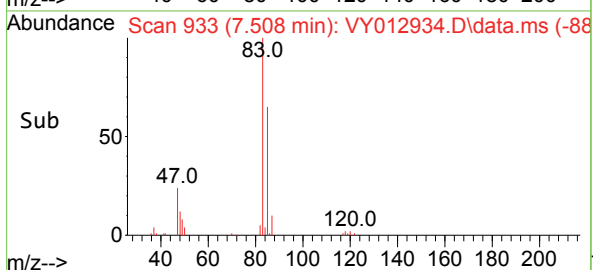
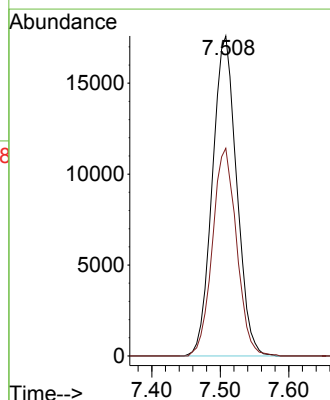
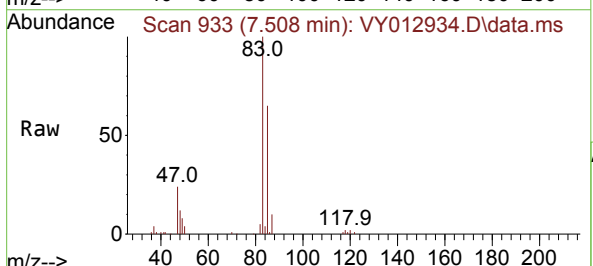
Acq: 14 Mar 2023 11:52

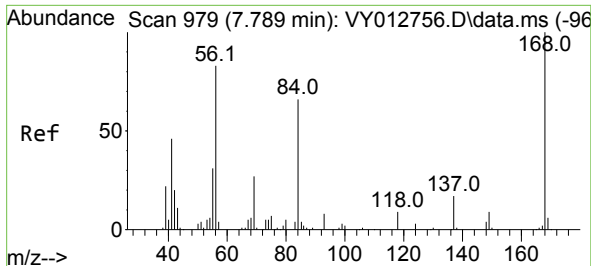
Tgt Ion: 83 Resp: 43230

Ion Ratio Lower Upper

83 100

85 64.9 51.4 77.0





#31

Cyclohexane

Concen: 19.435 ug/l

RT: 7.782 min Scan# 91

Delta R.T. -0.007 min

Lab File: VY012934.D

Acq: 14 Mar 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

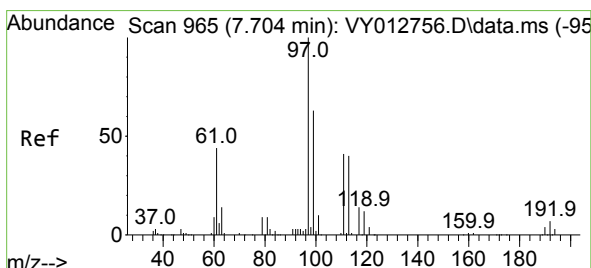
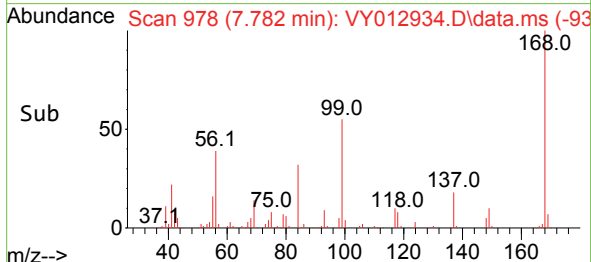
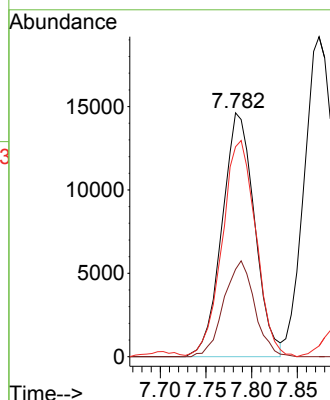
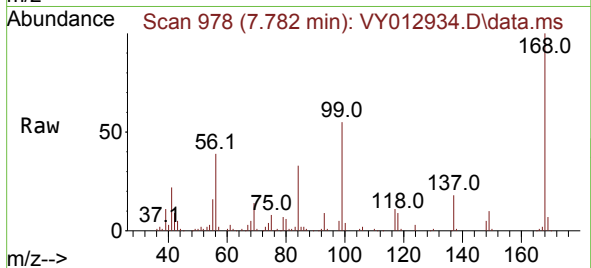
Tgt Ion: 56 Resp: 36191

Ion Ratio Lower Upper

56 100

69 35.8 25.7 38.5

84 85.2 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 22.286 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.001 min

Lab File: VY012934.D

Acq: 14 Mar 2023 11:52

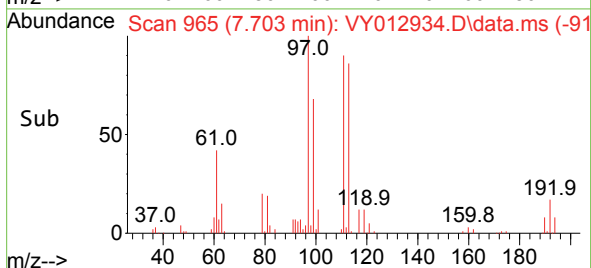
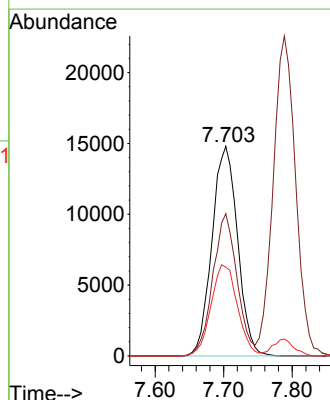
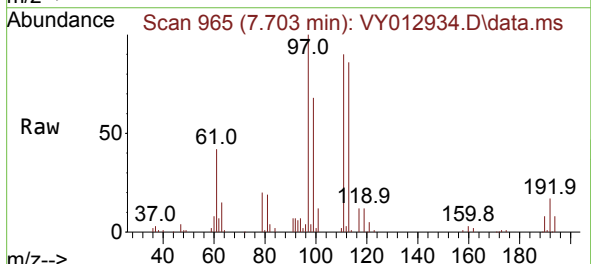
Tgt Ion: 97 Resp: 38382

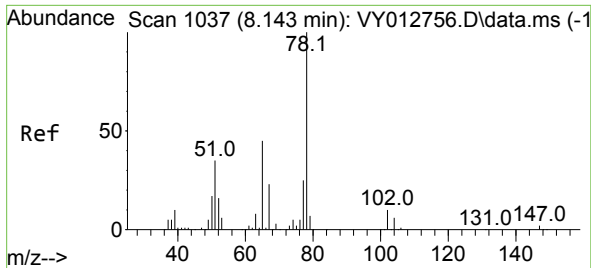
Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.6

61 45.0 34.5 51.7

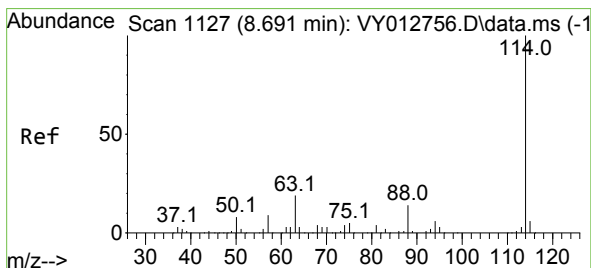
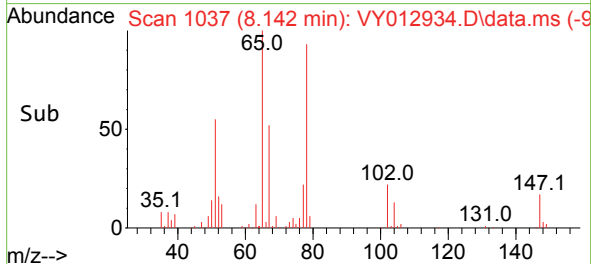
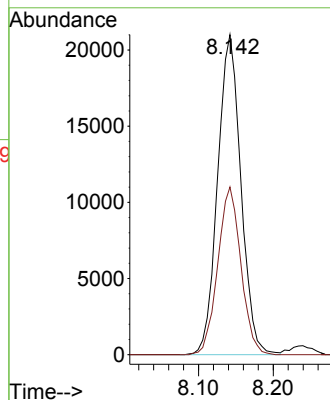
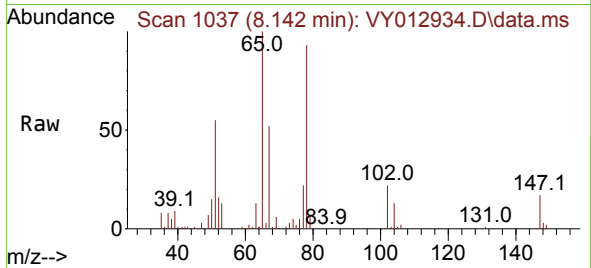




#33
 1,2-Dichloroethane-d4
 Concen: 46.821 ug/l
 RT: 8.142 min Scan# 1103
 Delta R.T. -0.001 min
 Lab File: VY012934.D
 Acq: 14 Mar 2023 11:52

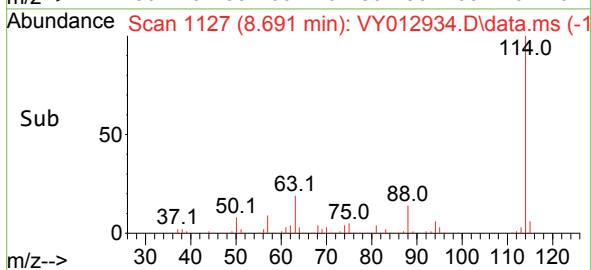
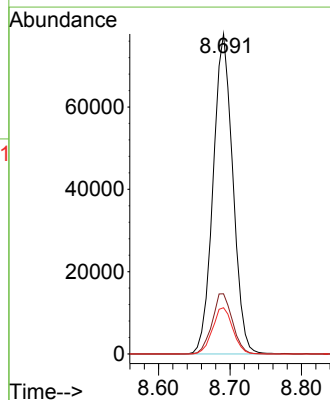
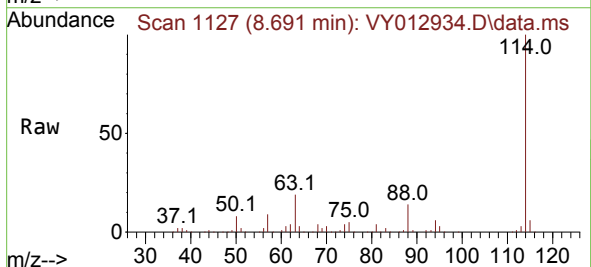
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

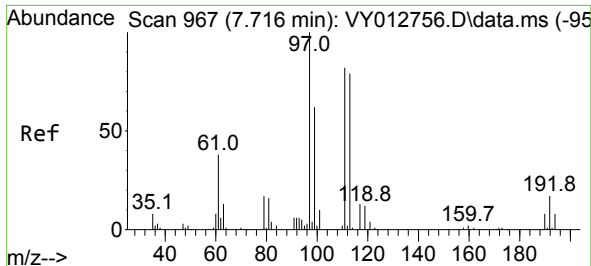
Tgt Ion: 65 Resp: 45525
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY012934.D
 Acq: 14 Mar 2023 11:52

Tgt Ion:114 Resp: 148701
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.4
 88 14.4 0.0 28.6

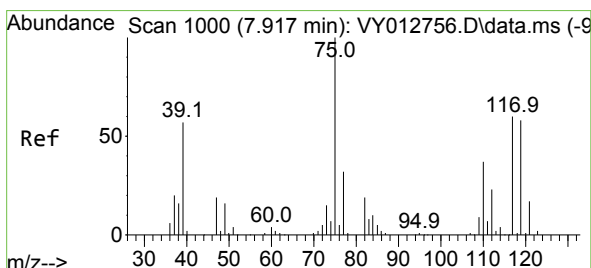
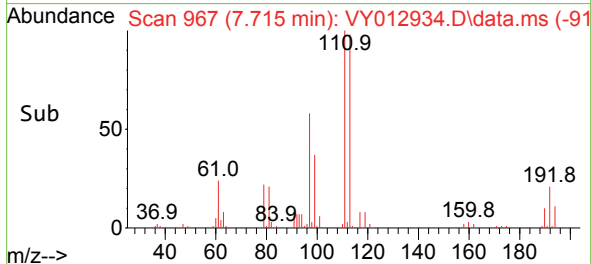
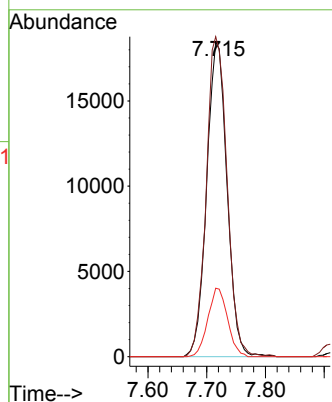
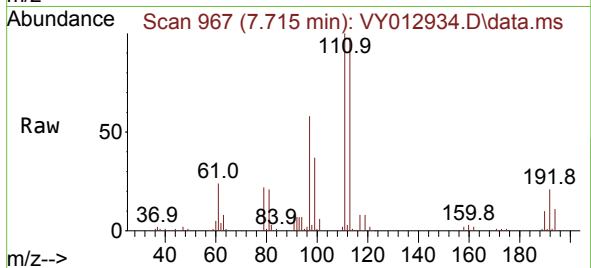




#35
Dibromofluoromethane
Concen: 49.421 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

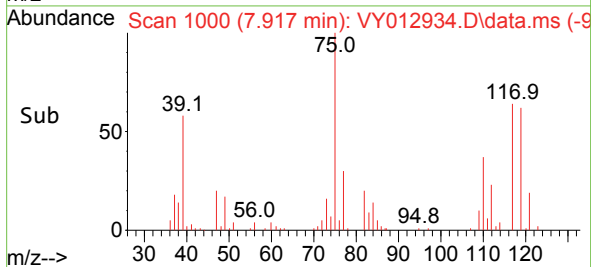
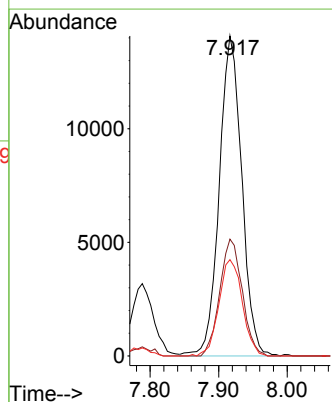
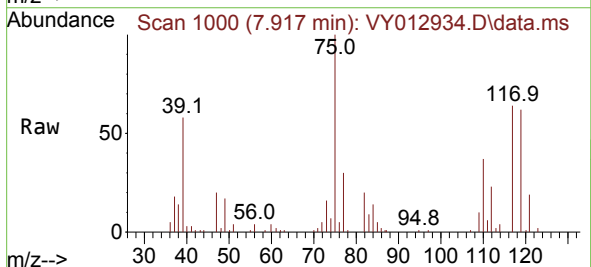
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

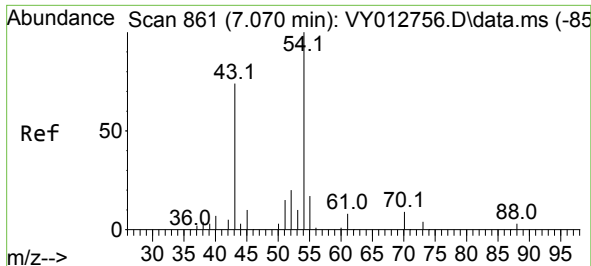
Tgt Ion:113 Resp: 44351
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 21.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 21.345 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

Tgt Ion: 75 Resp: 32100
Ion Ratio Lower Upper
75 100
110 36.4 17.8 53.3
77 31.2 25.0 37.4

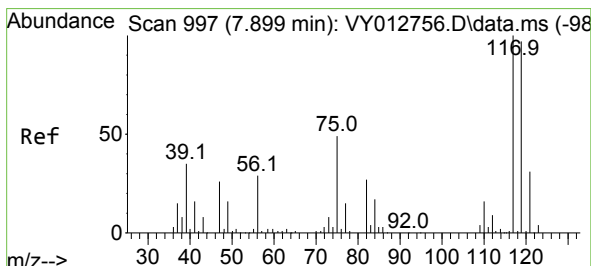
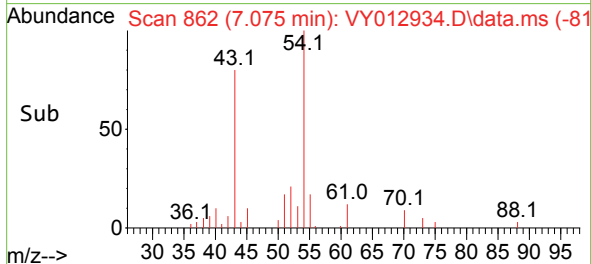
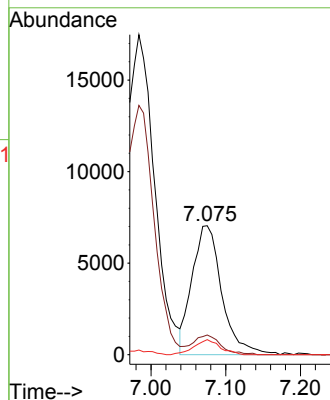
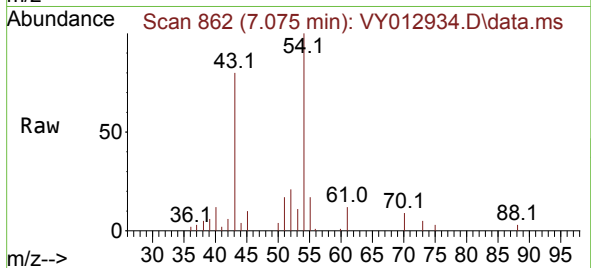




#37
Ethyl Acetate
Concen: 20.549 ug/l
RT: 7.075 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

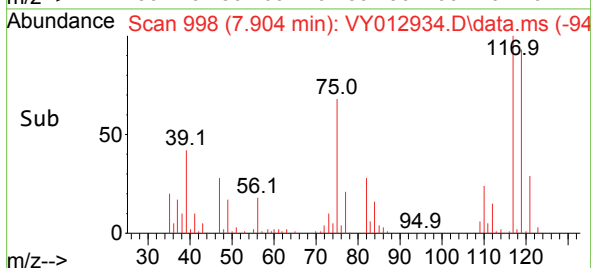
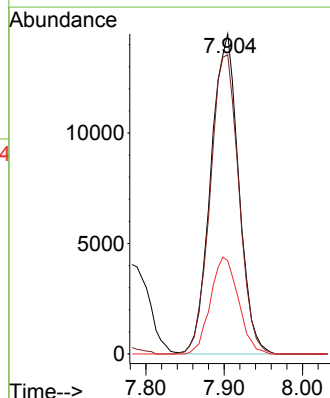
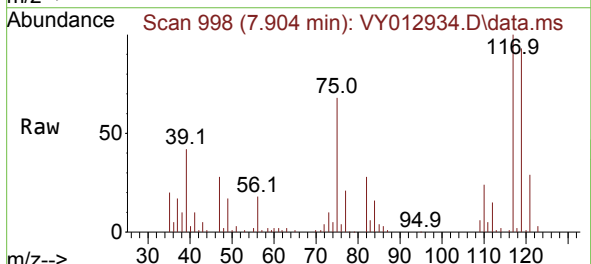
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

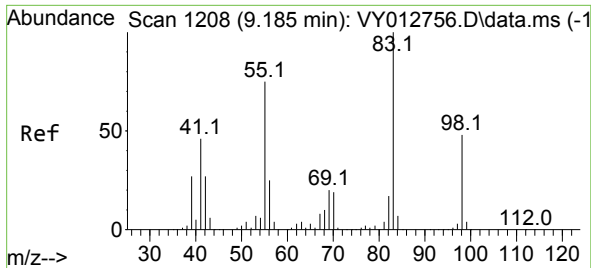
Tgt Ion: 43 Resp: 19478
Ion Ratio Lower Upper
43 100
61 13.9 10.7 16.1
70 10.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 23.046 ug/l
RT: 7.904 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

Tgt Ion: 117 Resp: 35790
Ion Ratio Lower Upper
117 100
119 93.5 77.2 115.8
121 29.2 24.7 37.1





#39

Methylcyclohexane

Concen: 20.510 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012934.D

Acq: 14 Mar 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

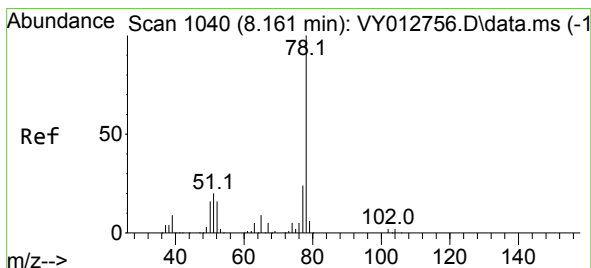
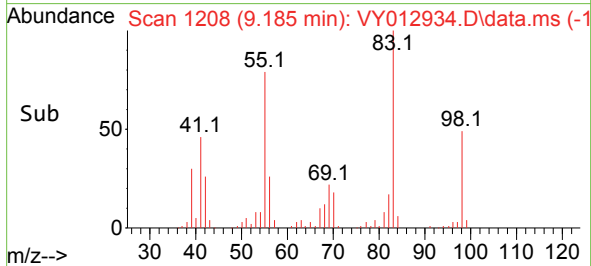
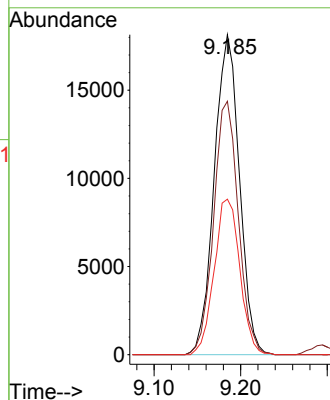
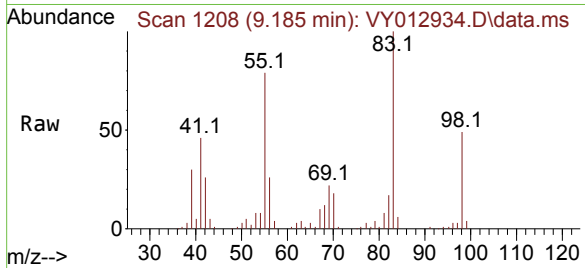
Tgt Ion: 83 Resp: 36670

Ion Ratio Lower Upper

83 100

55 79.2 60.0 90.0

98 48.6 38.3 57.5



#40

Benzene

Concen: 22.400 ug/l

RT: 8.160 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012934.D

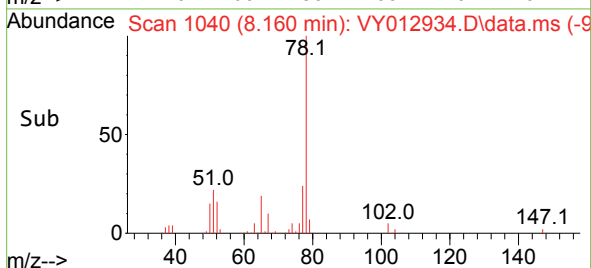
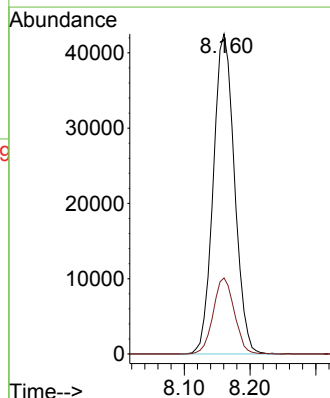
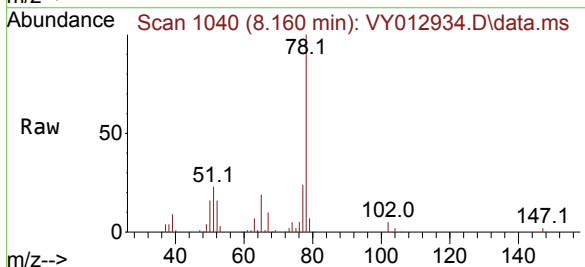
Acq: 14 Mar 2023 11:52

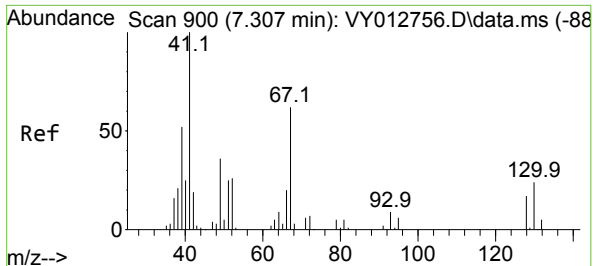
Tgt Ion: 78 Resp: 95291

Ion Ratio Lower Upper

78 100

77 23.8 19.4 29.0

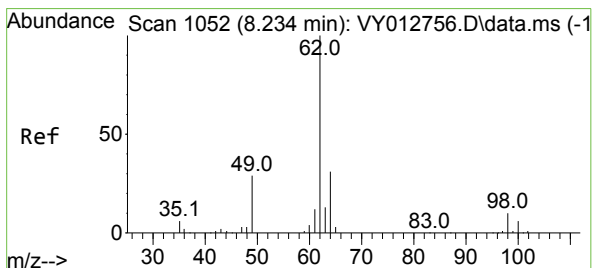
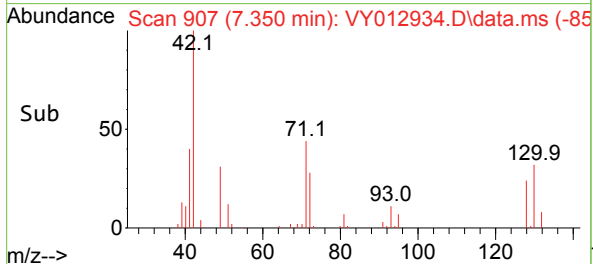
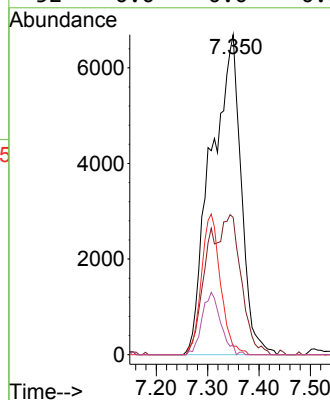
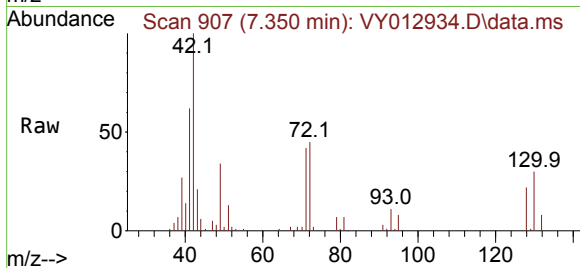




#41
Methacrylonitrile
Concen: 53.111 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.042 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

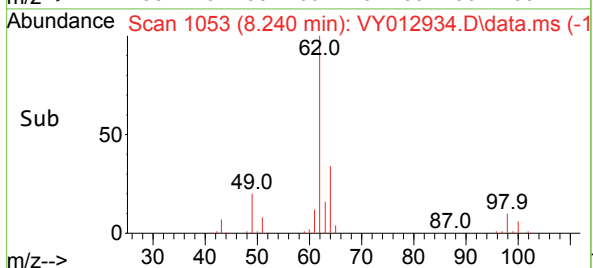
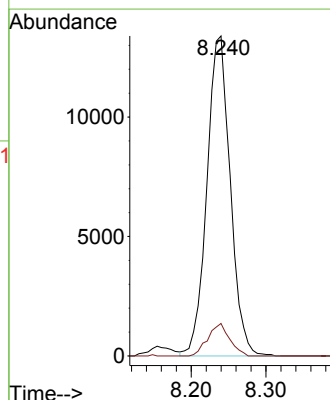
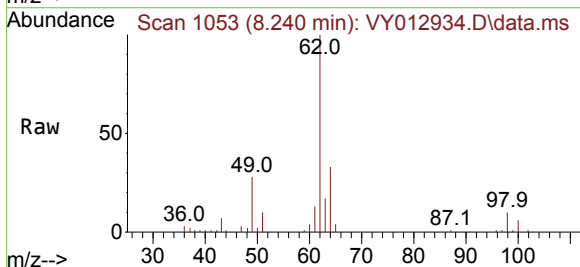
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

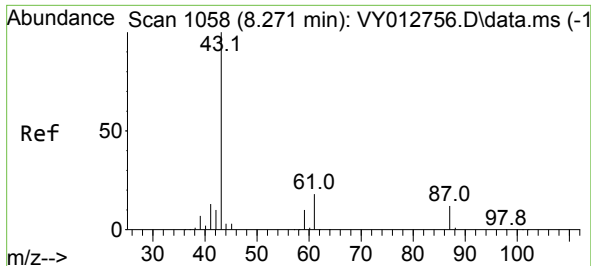
Tgt Ion:	41	Resp:	27123
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 22.744 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

Tgt Ion:	62	Resp:	29088
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.8

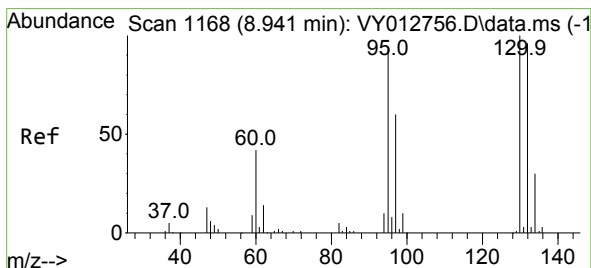
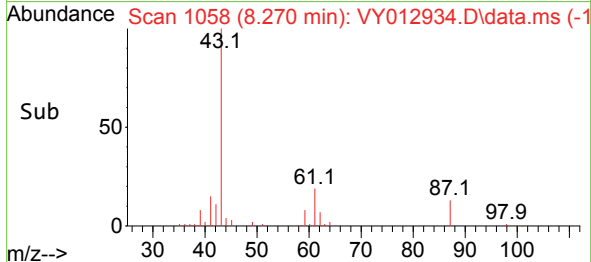
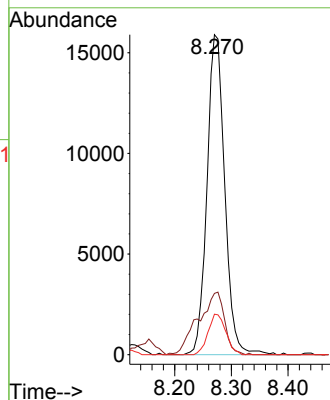
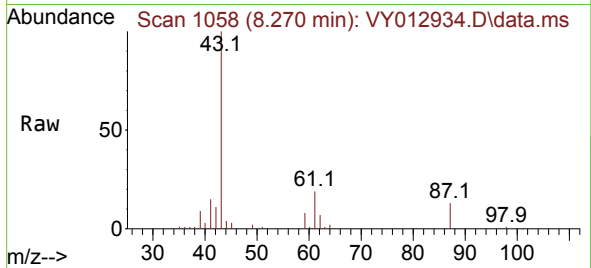




#43
Isopropyl Acetate
Concen: 20.454 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

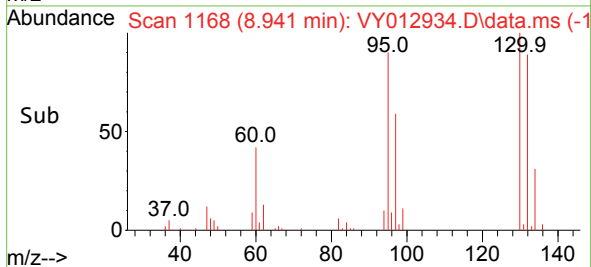
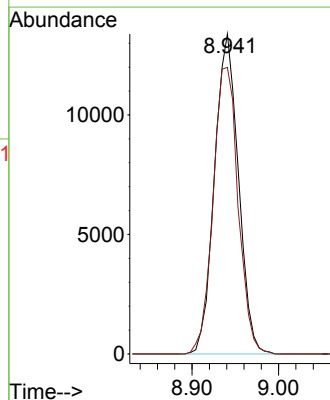
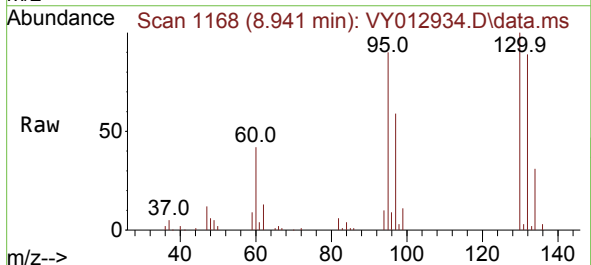
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

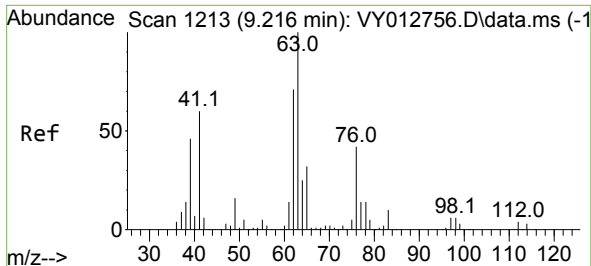
Tgt Ion: 43 Resp: 34590
Ion Ratio Lower Upper
43 100
61 28.8 21.6 32.4
87 12.7 9.9 14.9



#44
Trichloroethene
Concen: 22.873 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

Tgt Ion:130 Resp: 25654
Ion Ratio Lower Upper
130 100
95 89.5 0.0 185.0

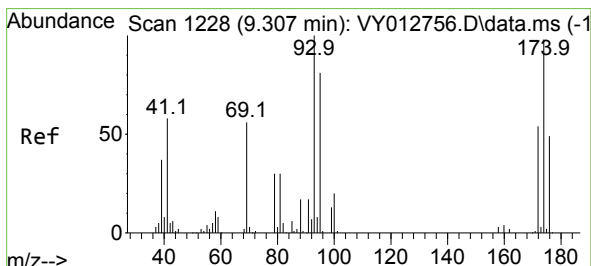
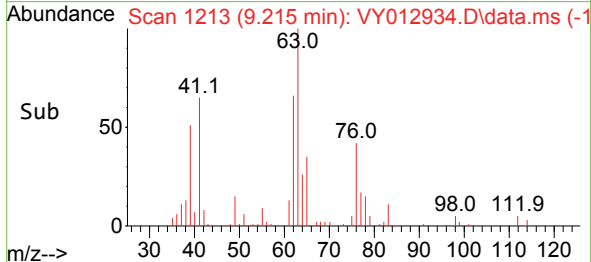
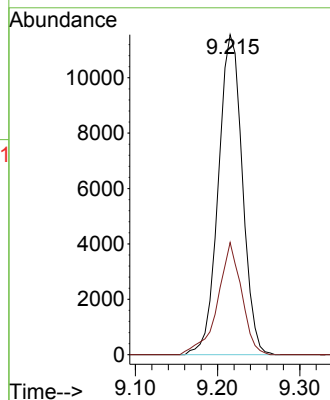
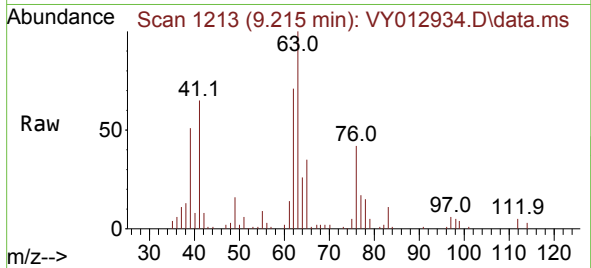




#45
1,2-Dichloropropane
Concen: 21.846 ug/l
RT: 9.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

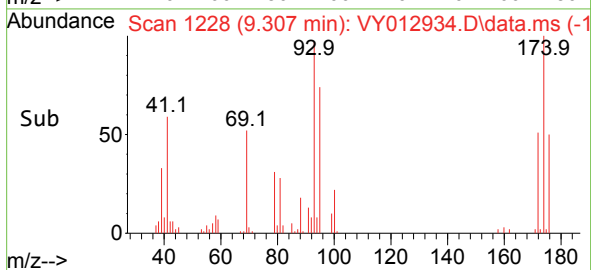
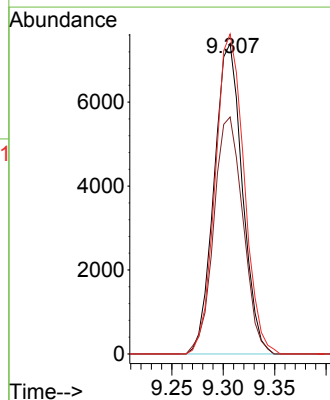
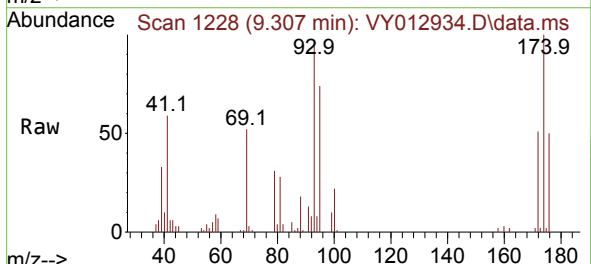
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

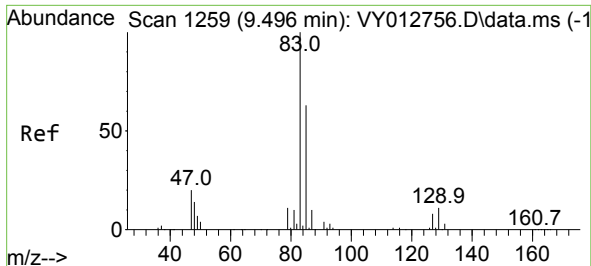
Tgt Ion: 63 Resp: 23487
Ion Ratio Lower Upper
63 100
65 35.0 25.7 38.5



#46
Dibromomethane
Concen: 22.996 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

Tgt Ion: 93 Resp: 14085
Ion Ratio Lower Upper
93 100
95 79.1 65.6 98.4
174 105.3 81.3 121.9

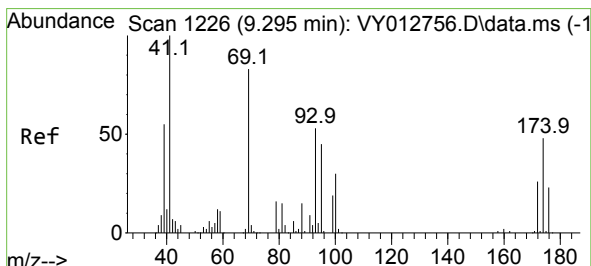
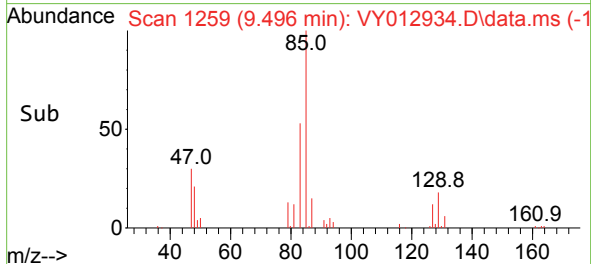
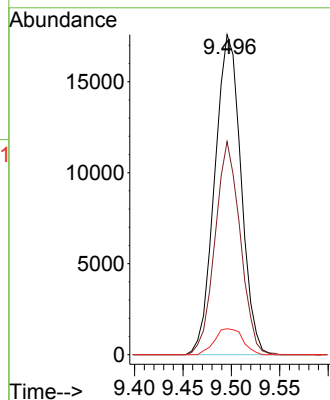
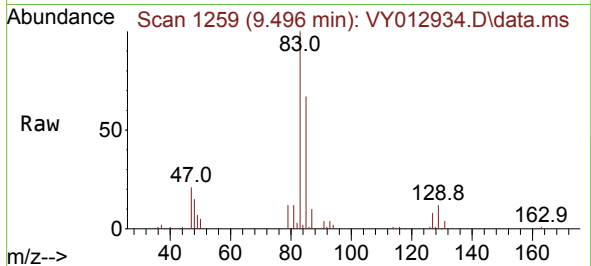




#47
Bromodichloromethane
Concen: 22.977 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

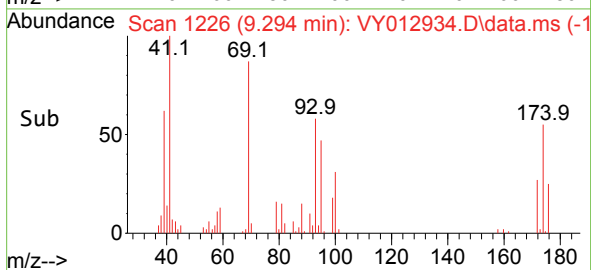
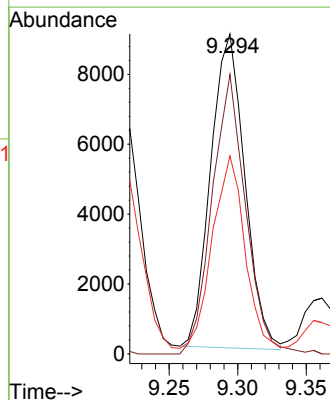
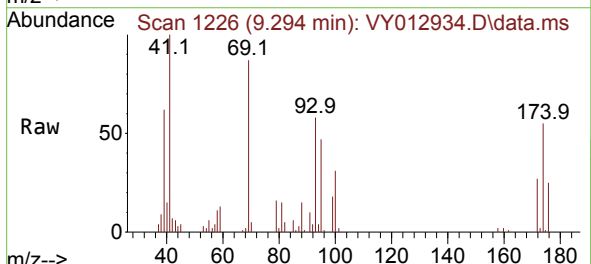
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

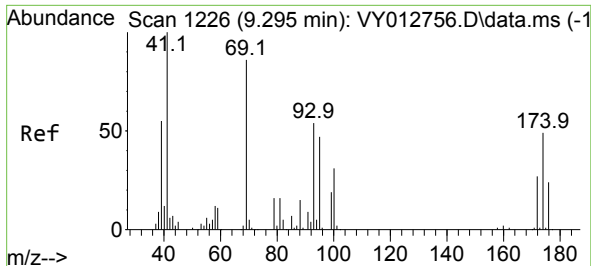
Tgt Ion: 83 Resp: 33164
Ion Ratio Lower Upper
83 100
85 66.6 50.2 75.4
127 8.1 6.3 9.5



#48
Methyl methacrylate
Concen: 19.935 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

Tgt Ion: 41 Resp: 15534
Ion Ratio Lower Upper
41 100
69 87.6 64.1 96.1
39 58.6 44.0 66.0





#49

1,4-Dioxane

Concen: 452.644 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY012934.D

Acq: 14 Mar 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

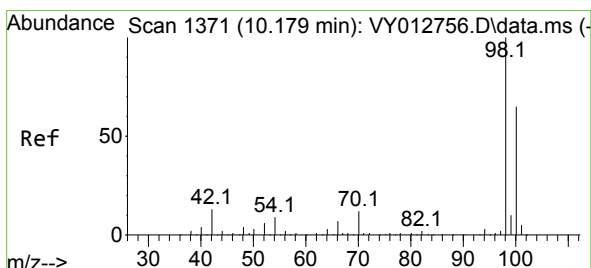
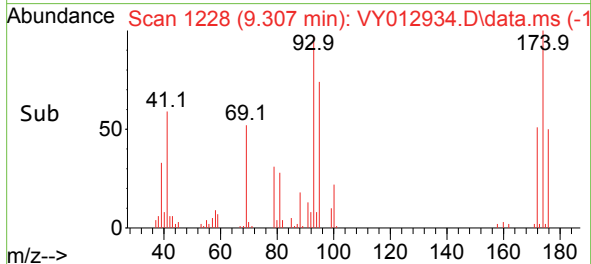
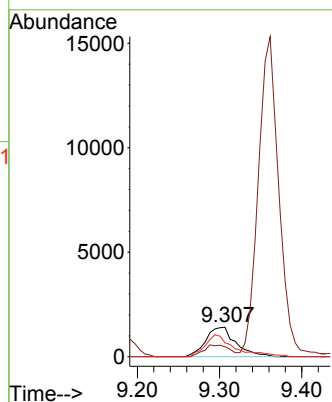
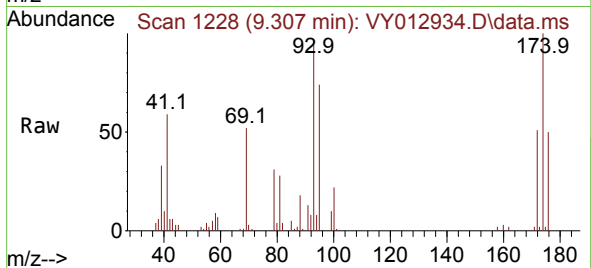
Tgt Ion: 88 Resp: 3584

Ion Ratio Lower Upper

88 100

43 33.5 28.6 42.8

58 72.7 55.2 82.8



#50

Toluene-d8

Concen: 46.928 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012934.D

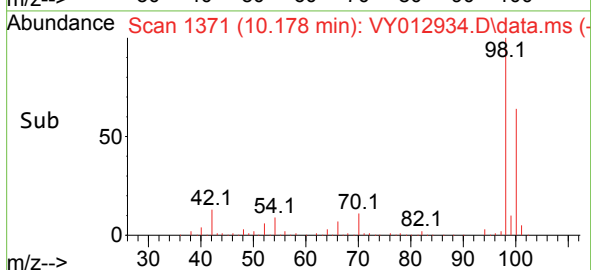
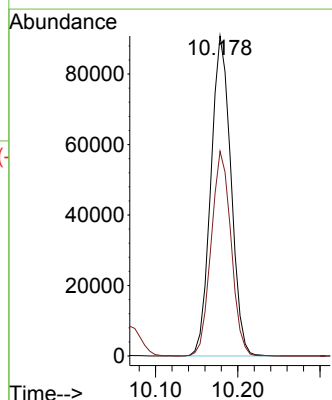
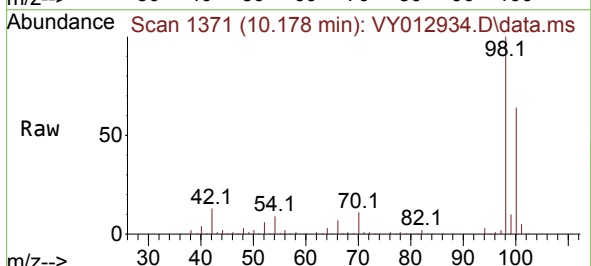
Acq: 14 Mar 2023 11:52

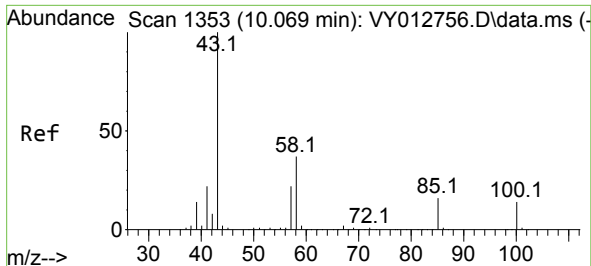
Tgt Ion: 98 Resp: 153960

Ion Ratio Lower Upper

98 100

100 63.5 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 105.063 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY012934.D

Acq: 14 Mar 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

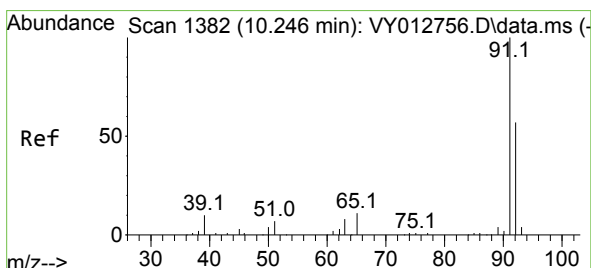
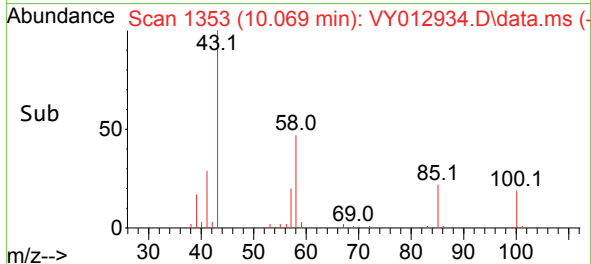
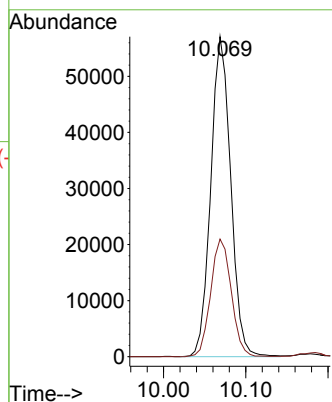
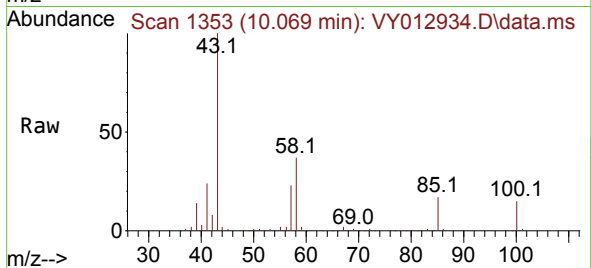
VY0314SBS01

Tgt Ion: 43 Resp: 96376

Ion Ratio Lower Upper

43 100

58 37.9 29.8 44.6



#52

Toluene

Concen: 23.154 ug/l

RT: 10.245 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY012934.D

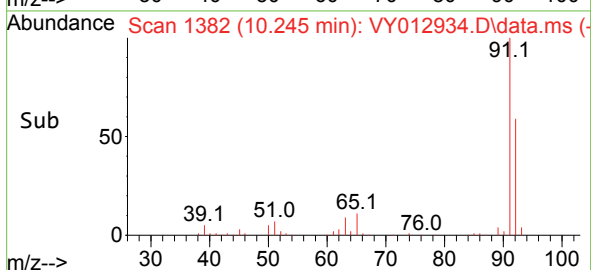
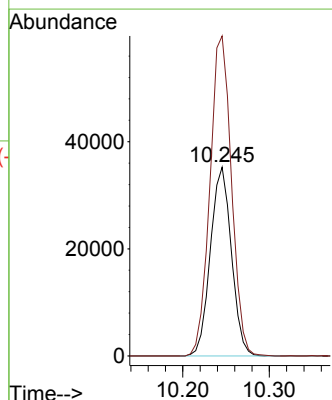
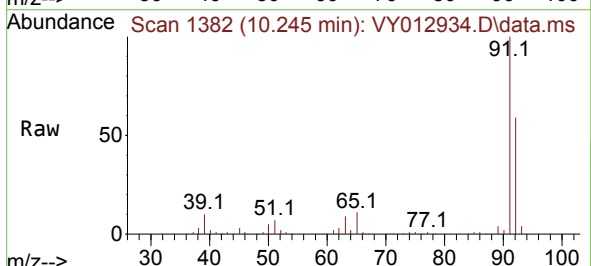
Acq: 14 Mar 2023 11:52

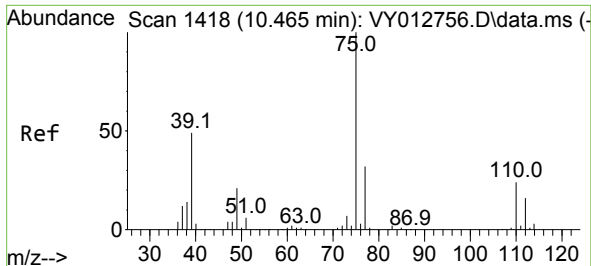
Tgt Ion: 92 Resp: 59403

Ion Ratio Lower Upper

92 100

91 173.5 141.3 211.9

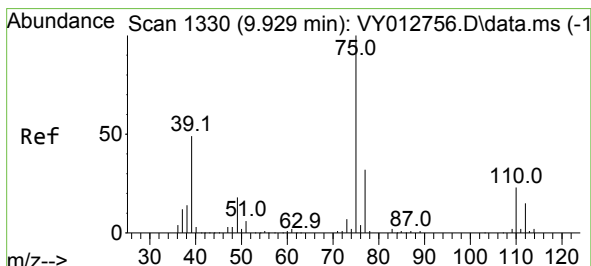
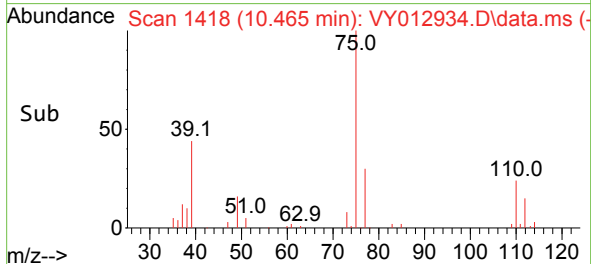
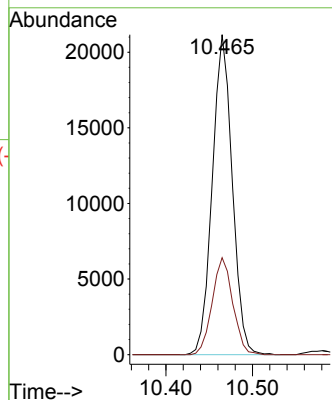
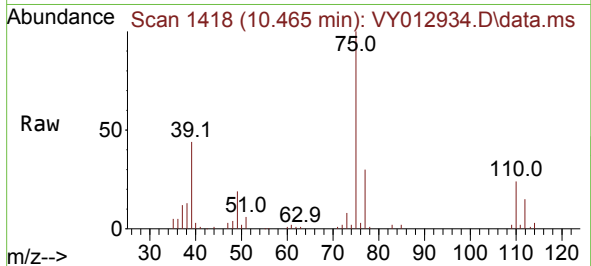




#53
 t-1,3-Dichloropropene
 Concen: 22.368 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY012934.D
 Acq: 14 Mar 2023 11:52

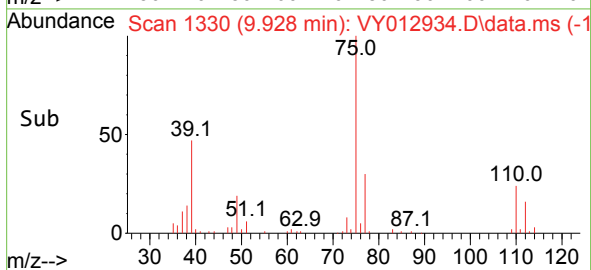
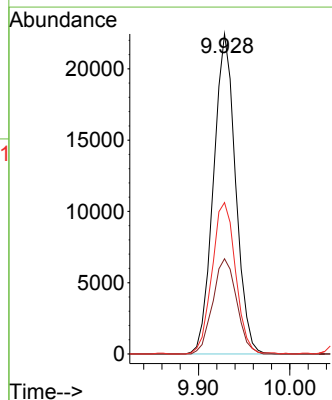
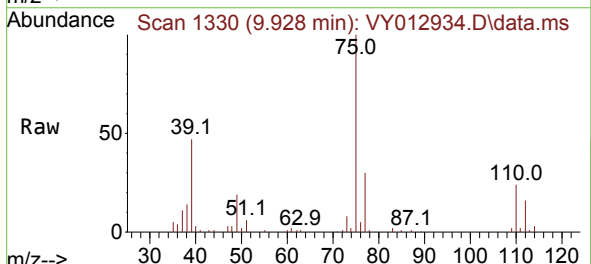
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

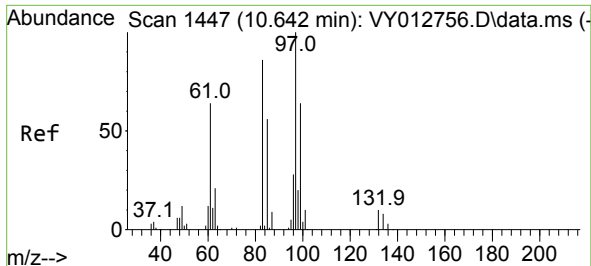
Tgt Ion: 75 Resp: 33864
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 21.993 ug/l
 RT: 9.928 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY012934.D
 Acq: 14 Mar 2023 11:52

Tgt Ion: 75 Resp: 37686
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.4 38.0
 39 47.3 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 22.869 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY012934.D

Acq: 14 Mar 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

Tgt Ion: 97 Resp: 19507

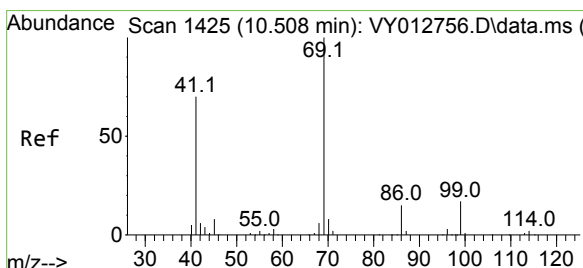
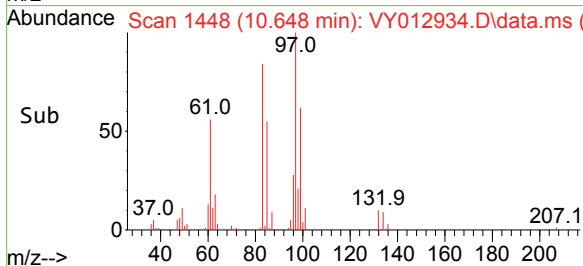
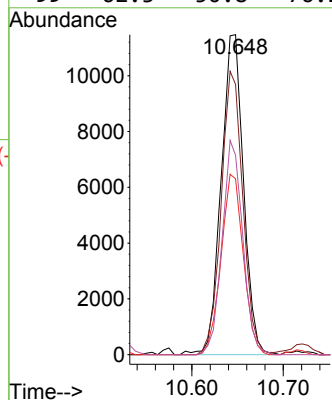
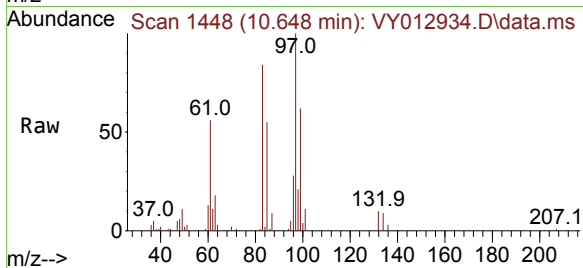
Ion Ratio Lower Upper

97 100

83 84.4 69.0 103.6

85 55.0 44.9 67.3

99 62.3 50.8 76.2



#56

Ethyl methacrylate

Concen: 21.123 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY012934.D

Acq: 14 Mar 2023 11:52

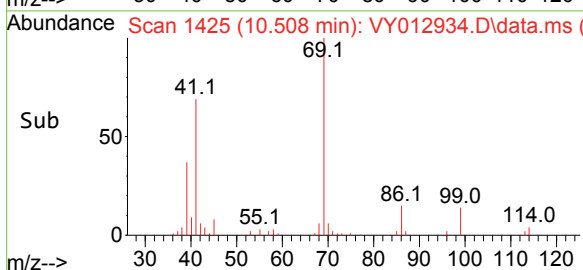
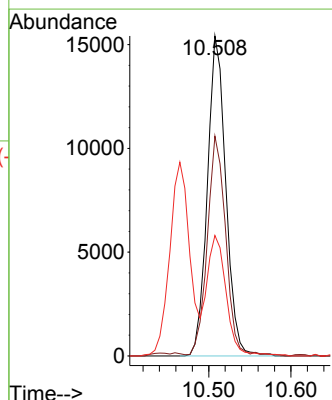
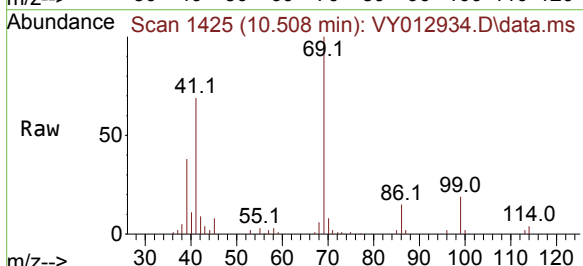
Tgt Ion: 69 Resp: 24024

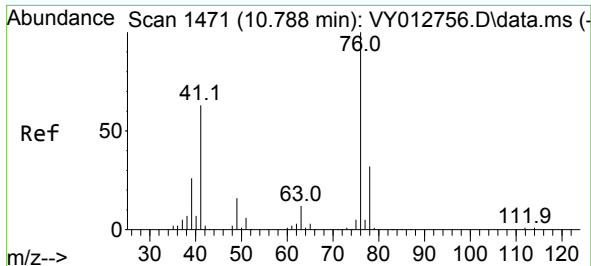
Ion Ratio Lower Upper

69 100

41 69.1 56.4 84.6

39 39.1 30.8 46.2





#57

1,3-Dichloropropane

Concen: 22.493 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012934.D

Acq: 14 Mar 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

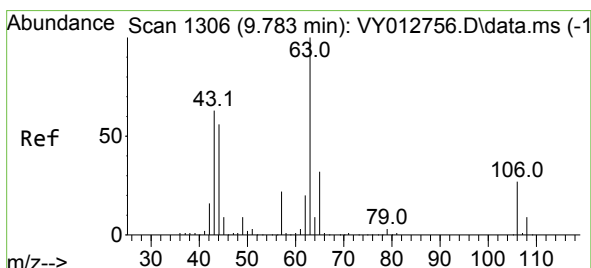
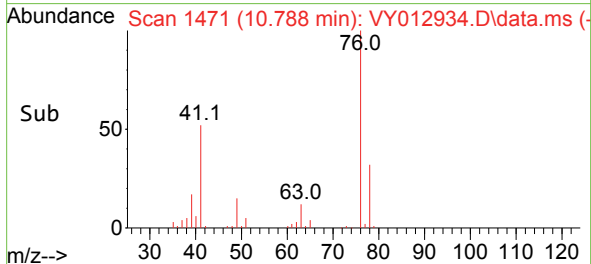
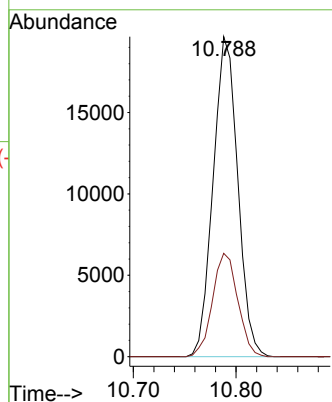
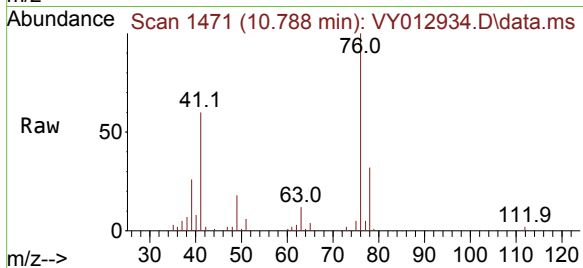
VY0314SBS01

Tgt Ion: 76 Resp: 32679

Ion Ratio Lower Upper

76 100

78 33.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 111.564 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012934.D

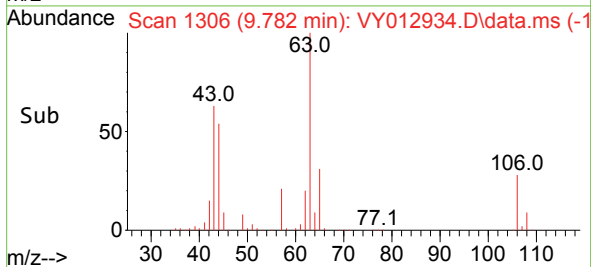
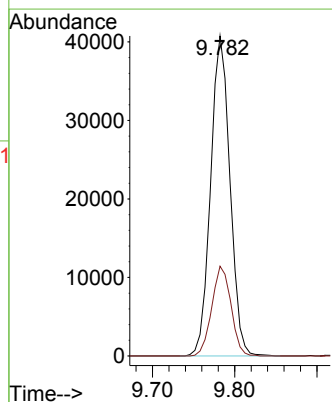
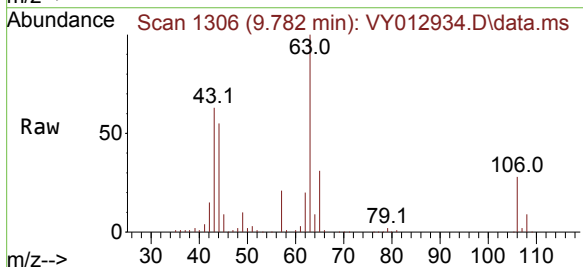
Acq: 14 Mar 2023 11:52

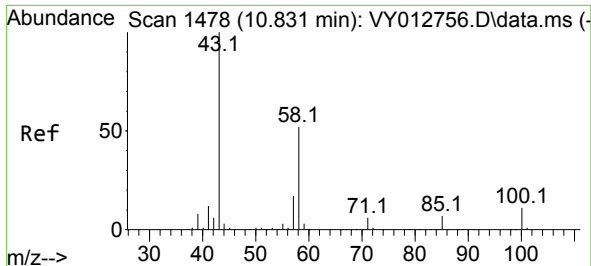
Tgt Ion: 63 Resp: 66611

Ion Ratio Lower Upper

63 100

106 27.8 22.1 33.1

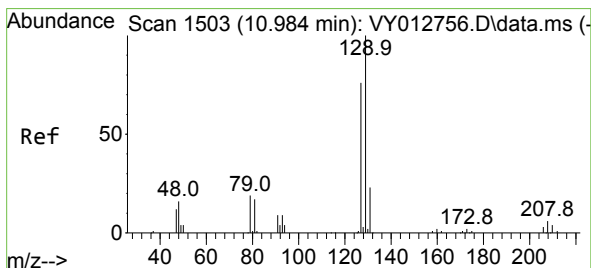
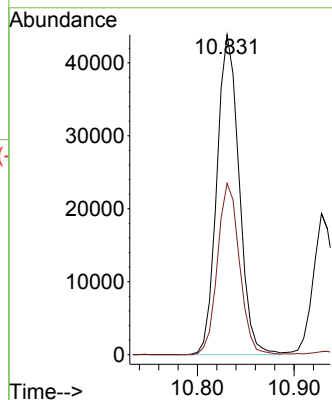
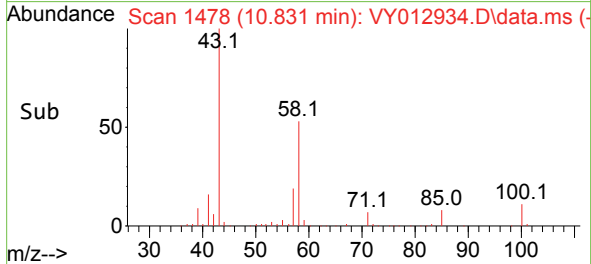
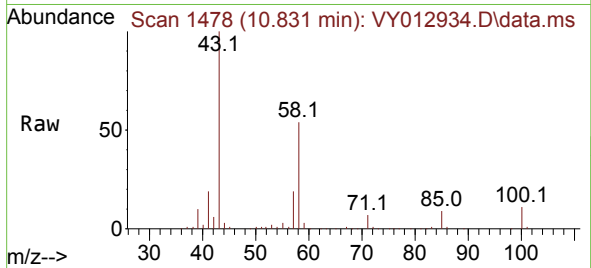




#59
2-Hexanone
Concen: 104.997 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

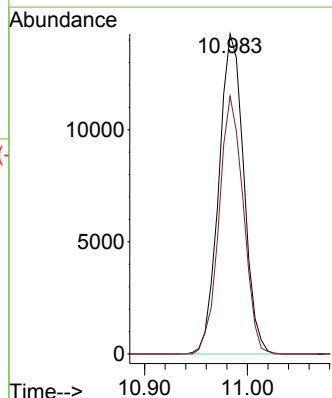
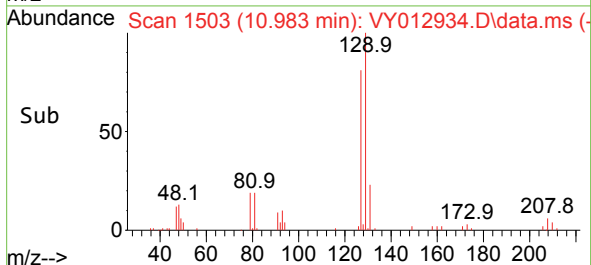
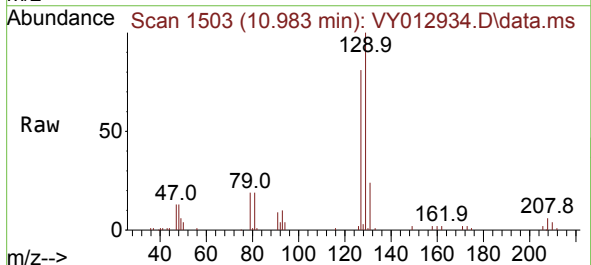
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

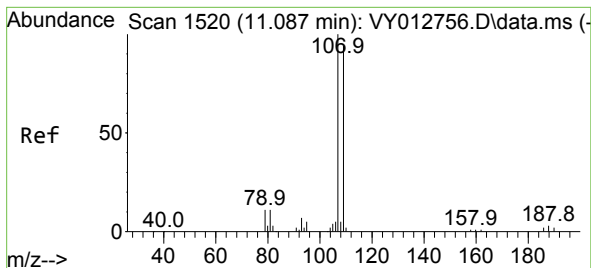
Tgt Ion: 43 Resp: 70000
Ion Ratio Lower Upper
43 100
58 53.0 25.9 77.8



#60
Dibromochloromethane
Concen: 23.123 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

Tgt Ion: 129 Resp: 24009
Ion Ratio Lower Upper
129 100
127 78.5 38.7 116.1

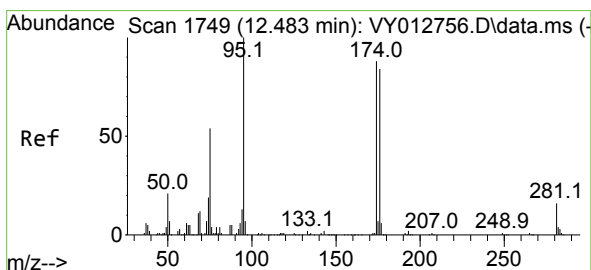
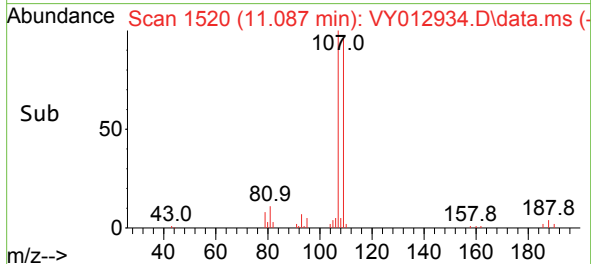
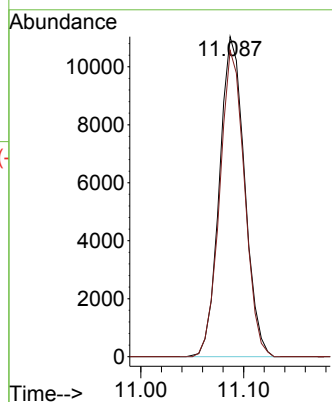
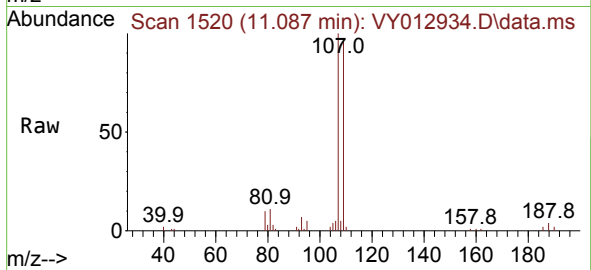




#61
1,2-Dibromoethane
Concen: 22.802 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

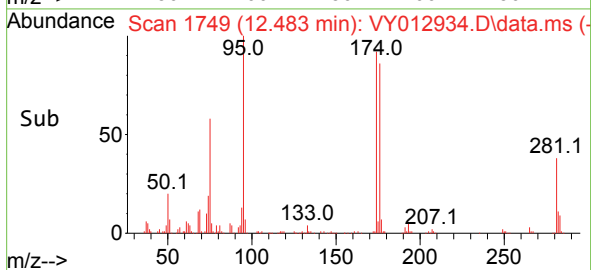
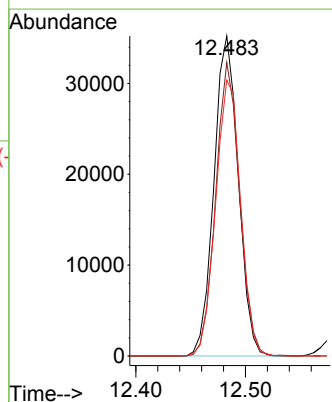
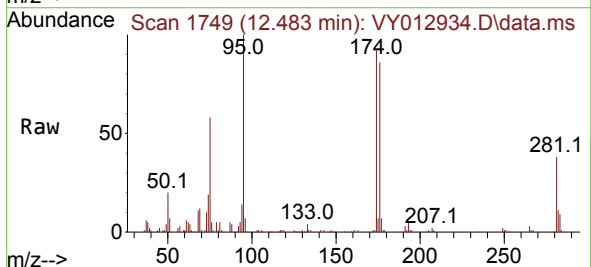
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

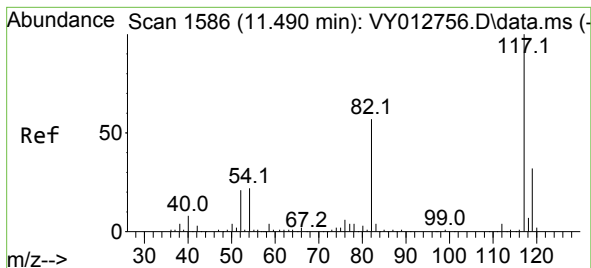
Tgt Ion:107 Resp: 18736
Ion Ratio Lower Upper
107 100
109 94.2 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 49.232 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

Tgt Ion: 95 Resp: 54516
Ion Ratio Lower Upper
95 100
174 89.8 0.0 176.6
176 88.4 0.0 170.2

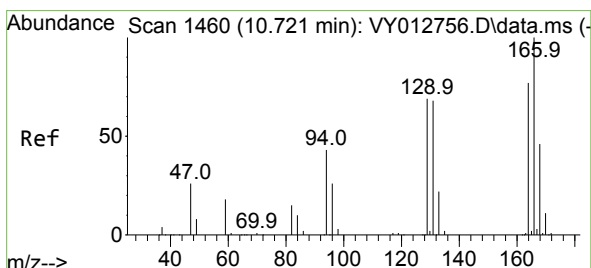
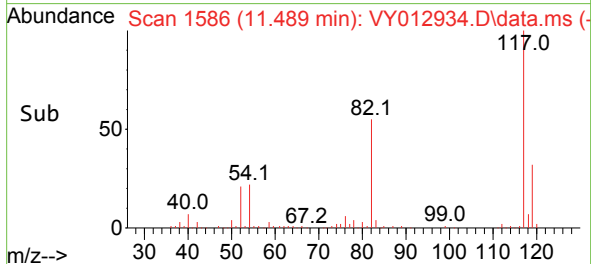
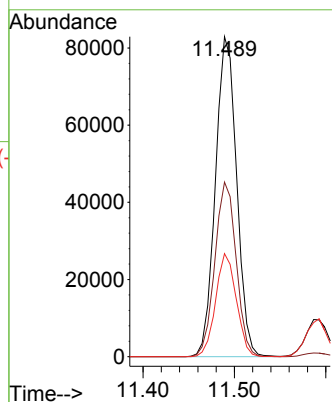
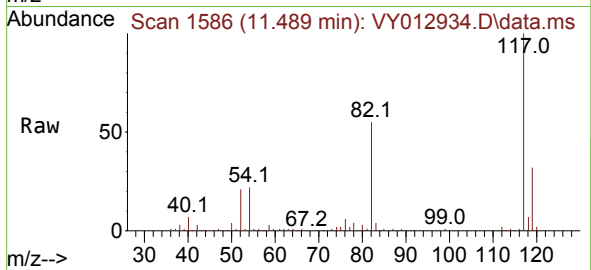




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

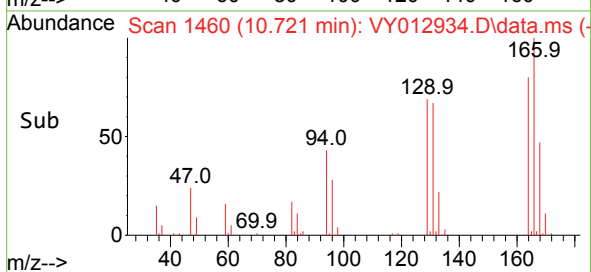
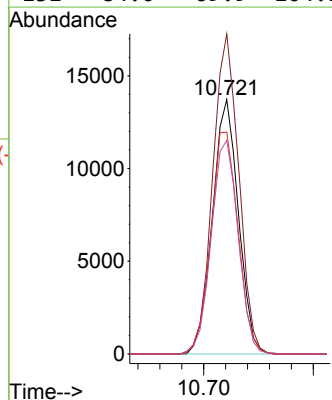
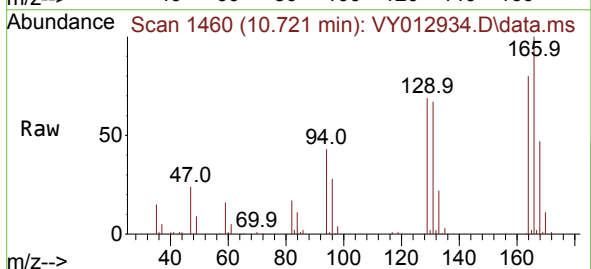
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

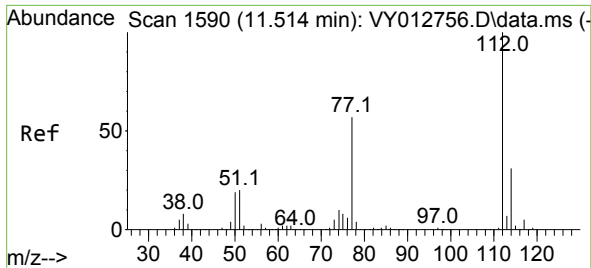
Tgt Ion:117 Resp: 133807
Ion Ratio Lower Upper
117 100
82 54.6 45.4 68.0
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: 23.207 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

Tgt Ion:164 Resp: 22609
Ion Ratio Lower Upper
164 100
166 125.8 103.4 155.2
129 87.2 71.4 107.2
131 84.0 69.9 104.9

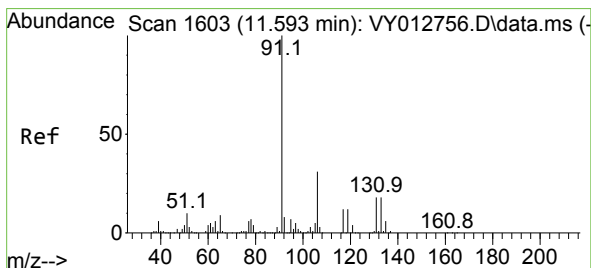
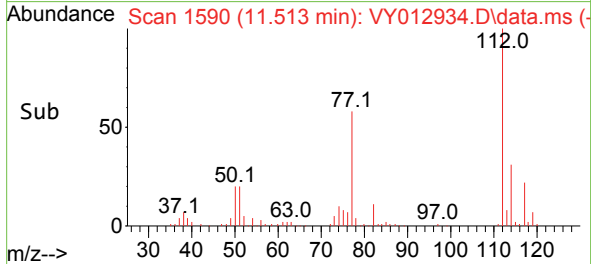
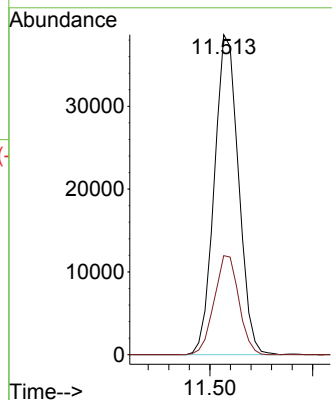
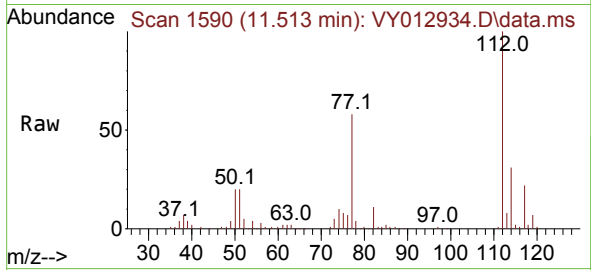




#65
Chlorobenzene
Concen: 22.488 ug/l
RT: 11.513 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

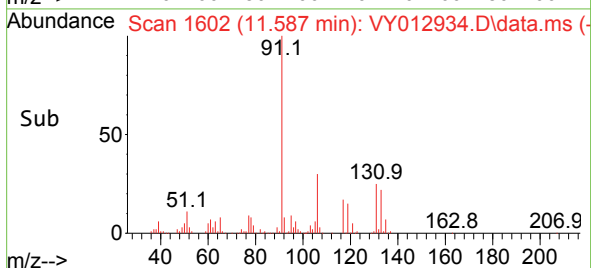
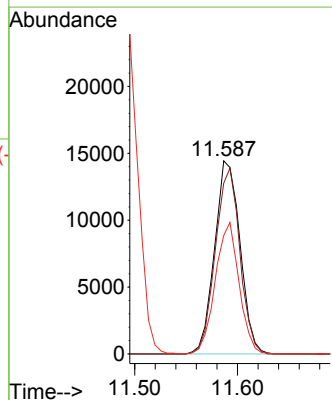
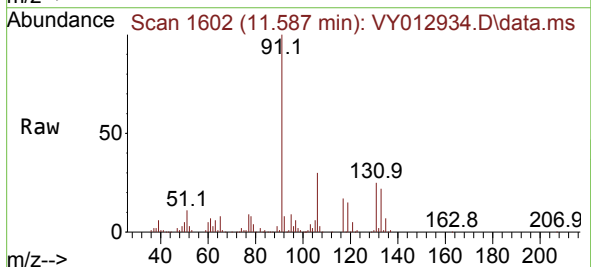
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

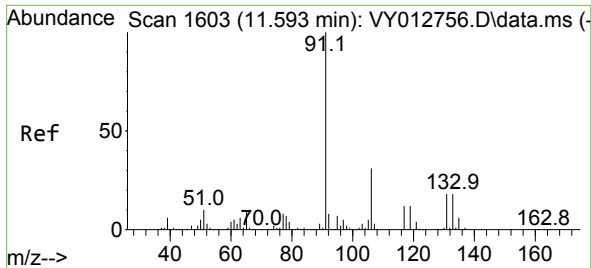
Tgt Ion:112 Resp: 63154
Ion Ratio Lower Upper
112 100
114 31.0 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 23.887 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.007 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

Tgt Ion:131 Resp: 24822
Ion Ratio Lower Upper
131 100
133 92.4 48.0 144.0
119 63.7 32.6 98.0

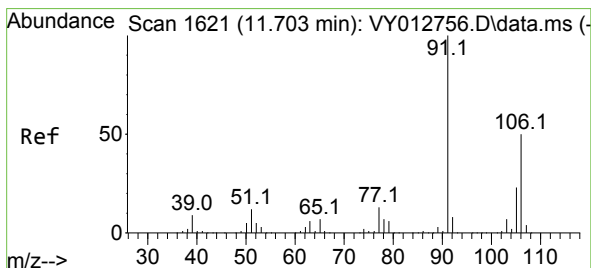
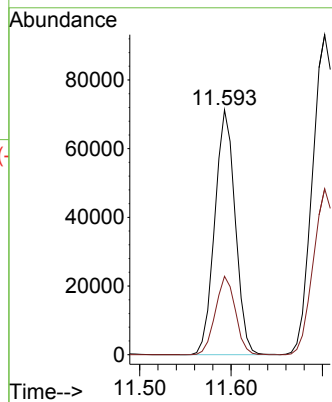
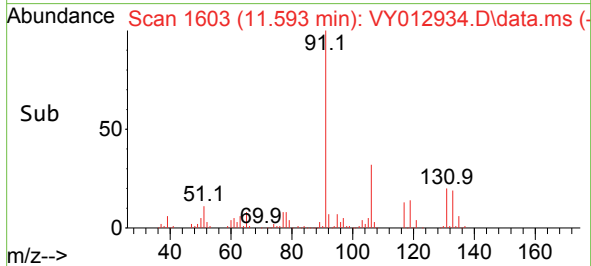
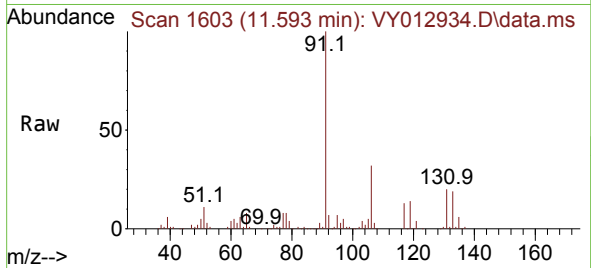




#67
Ethyl Benzene
Concen: 22.436 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

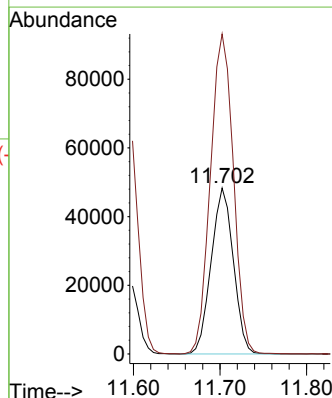
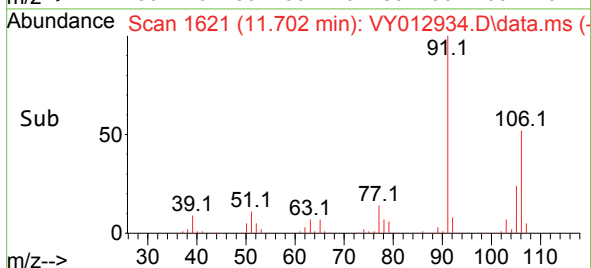
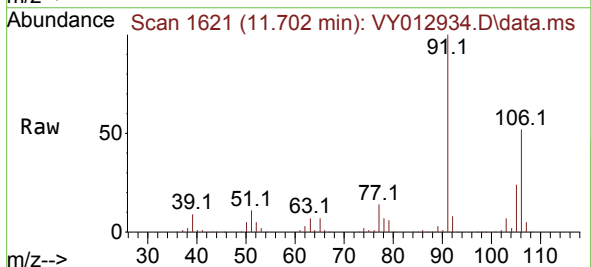
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

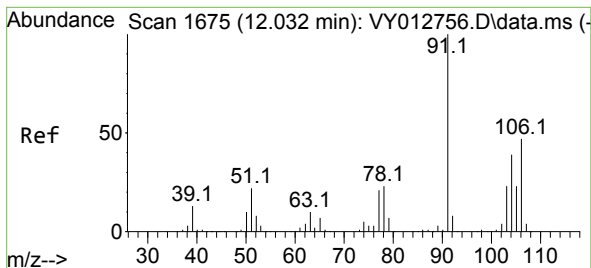
Tgt Ion: 91 Resp: 110773
Ion Ratio Lower Upper
91 100
106 32.1 25.1 37.7



#68
m/p-Xylenes
Concen: 45.329 ug/l
RT: 11.702 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

Tgt Ion:106 Resp: 86097
Ion Ratio Lower Upper
106 100
91 199.4 159.8 239.8

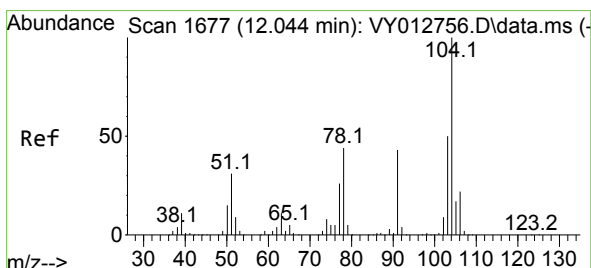
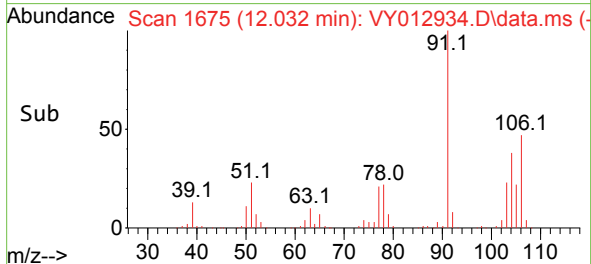
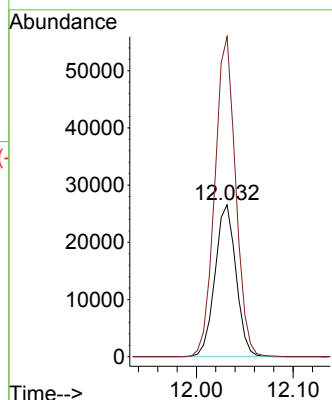
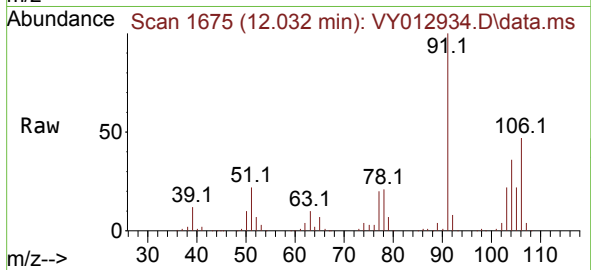




#69
o-Xylene
Concen: 22.561 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

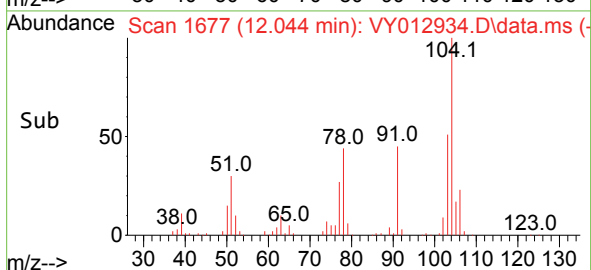
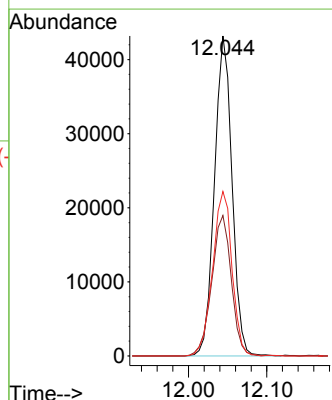
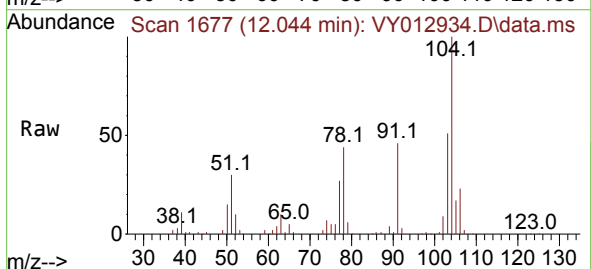
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

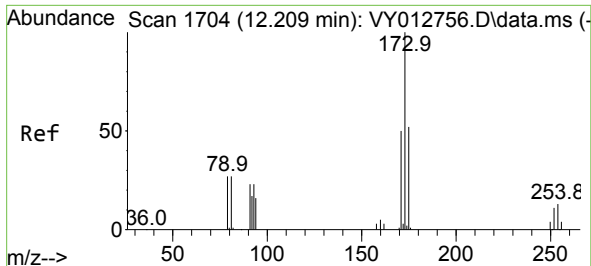
Tgt Ion:106 Resp: 39993
Ion Ratio Lower Upper
106 100
91 209.5 107.2 321.6



#70
Styrene
Concen: 22.761 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

Tgt Ion:104 Resp: 67331
Ion Ratio Lower Upper
104 100
78 48.9 39.2 58.8
103 56.7 43.7 65.5

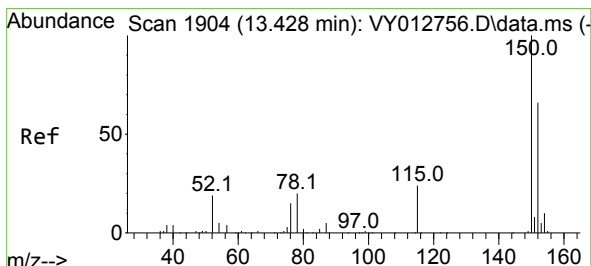
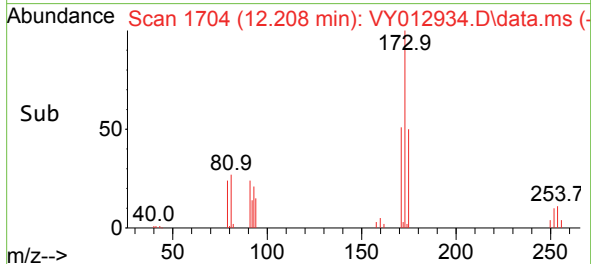
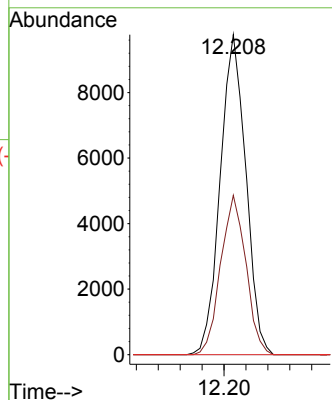
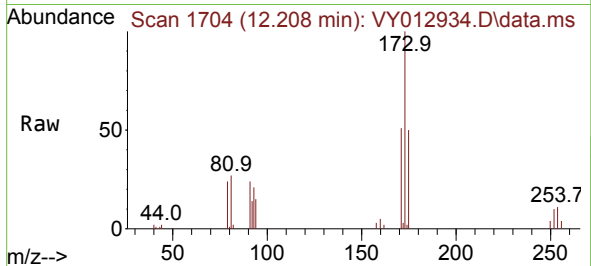




#71
Bromoform
Concen: 23.377 ug/l
RT: 12.208 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

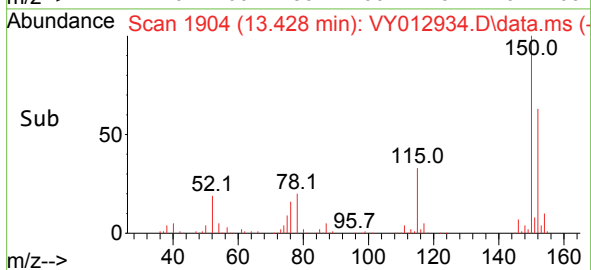
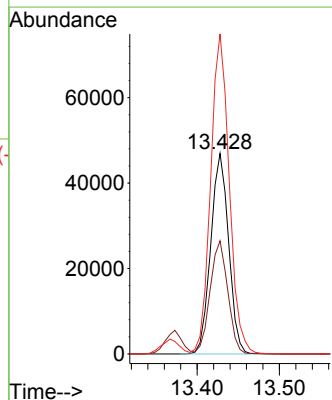
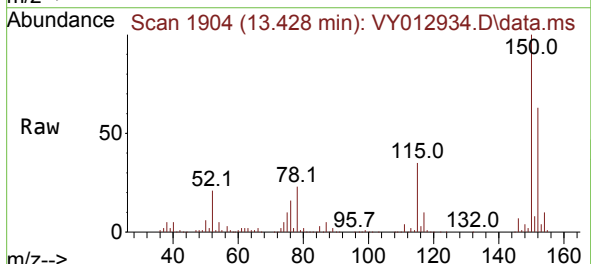
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

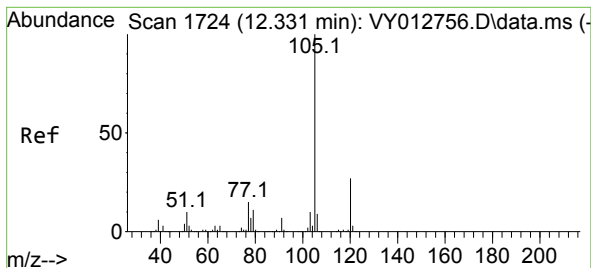
Tgt Ion:173 Resp: 15839
Ion Ratio Lower Upper
173 100
175 49.0 25.0 75.0
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

Tgt Ion:152 Resp: 70896
Ion Ratio Lower Upper
152 100
115 55.9 27.1 81.3
150 165.9 0.0 347.8





#73

Isopropylbenzene

Concen: 21.415 ug/l

RT: 12.330 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012934.D

Acq: 14 Mar 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

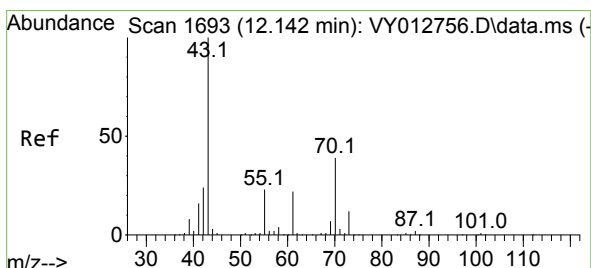
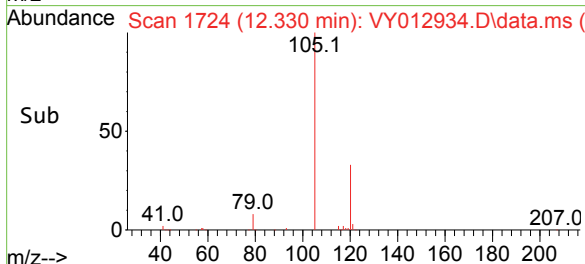
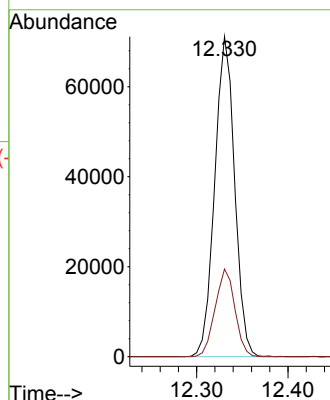
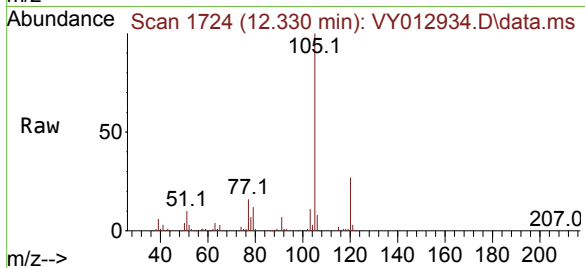
VY0314SBS01

Tgt Ion:105 Resp: 107599

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



#74

N-ethyl acetate

Concen: 19.733 ug/l

RT: 12.141 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012934.D

Acq: 14 Mar 2023 11:52

Tgt Ion: 43 Resp: 31195

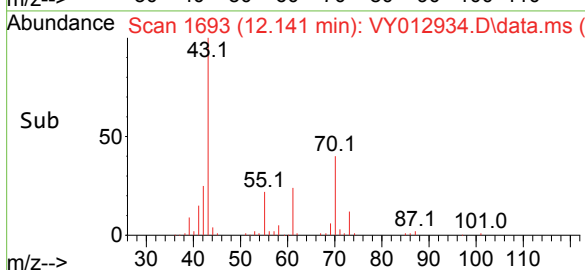
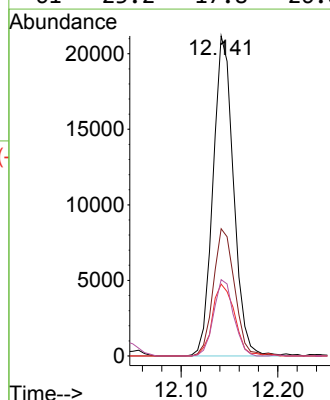
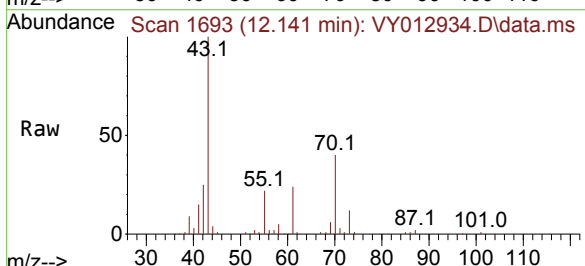
Ion Ratio Lower Upper

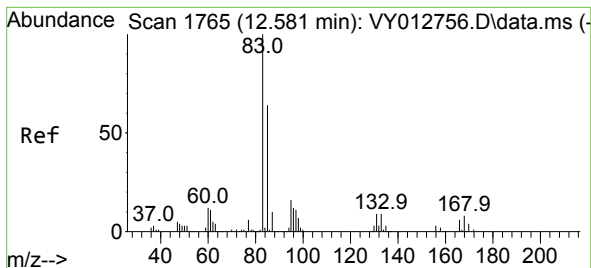
43 100

70 41.4 31.6 47.4

55 24.5 18.8 28.2

61 23.2 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.312 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012934.D

Acq: 14 Mar 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

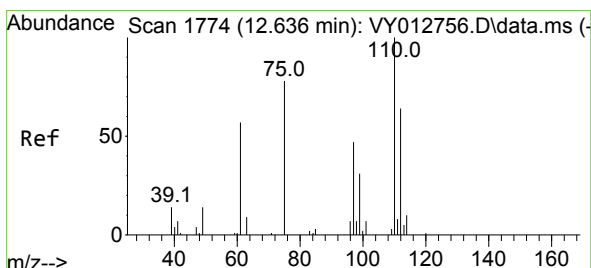
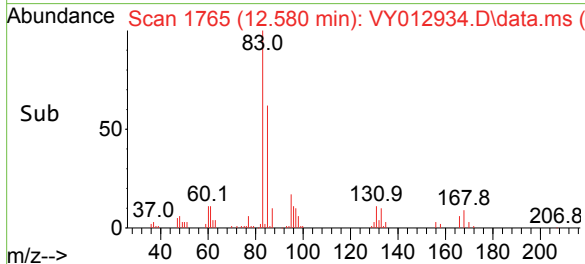
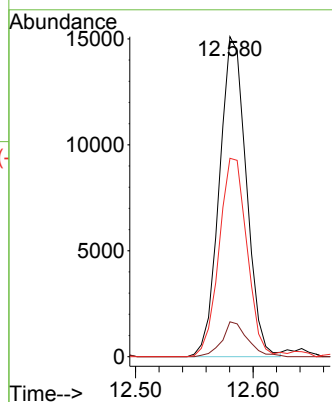
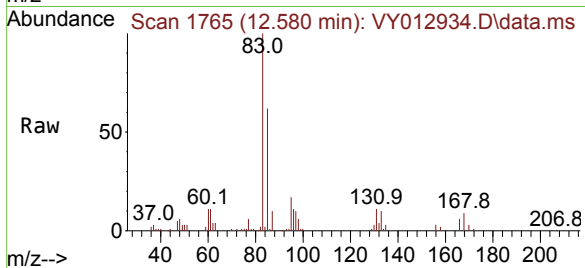
Tgt Ion: 83 Resp: 24071

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.2

85 64.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 36.467 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY012934.D

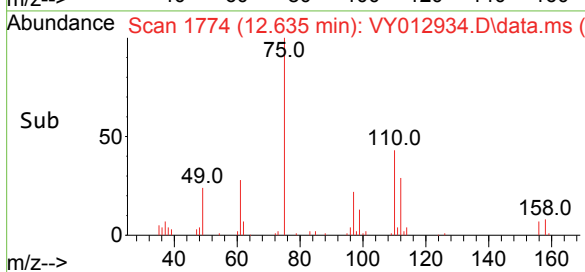
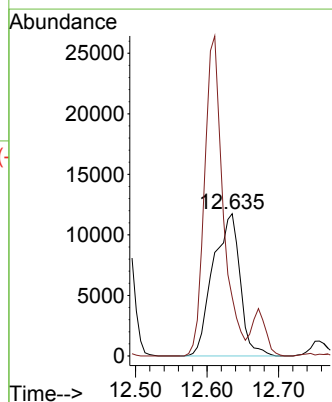
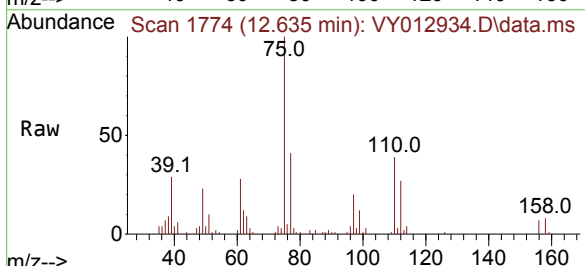
Acq: 14 Mar 2023 11:52

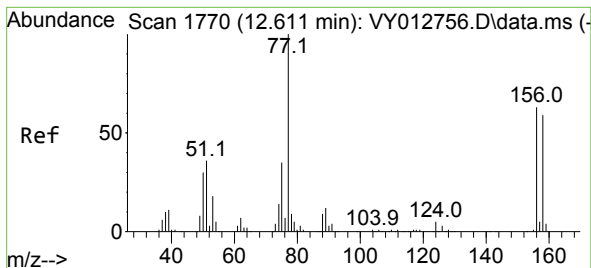
Tgt Ion: 75 Resp: 30873

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.830 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY012934.D

Acq: 14 Mar 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

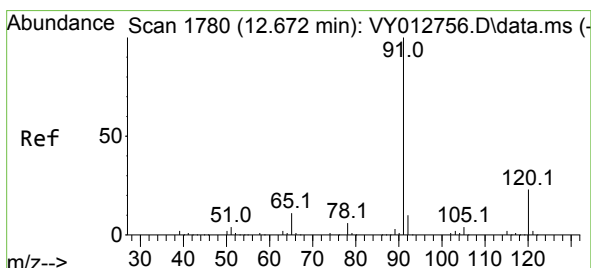
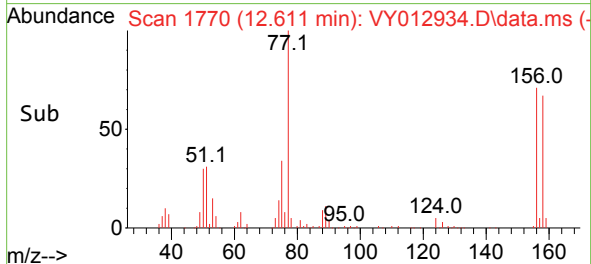
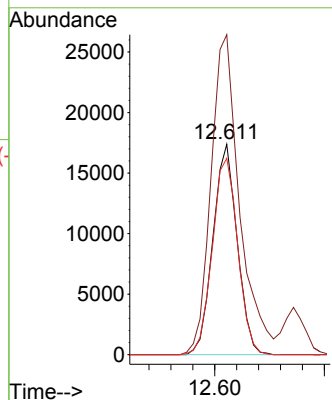
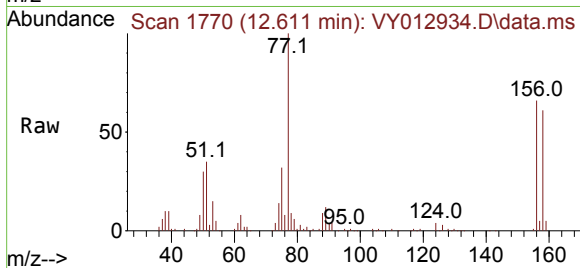
Tgt Ion:156 Resp: 26646

Ion Ratio Lower Upper

156 100

77 179.6 94.0 282.1

158 98.0 48.1 144.4



#78

n-propylbenzene

Concen: 21.617 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012934.D

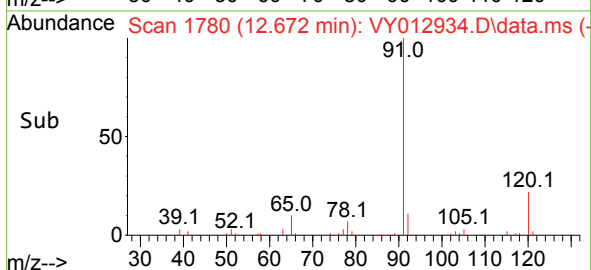
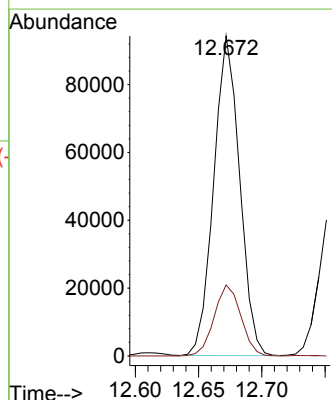
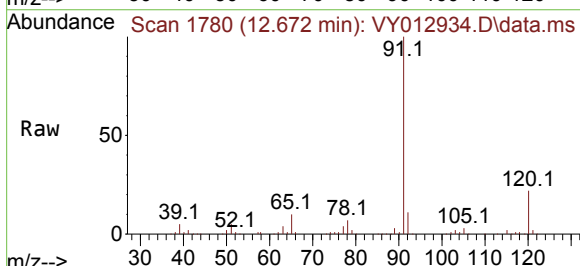
Acq: 14 Mar 2023 11:52

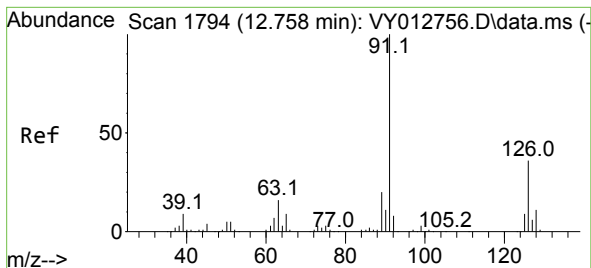
Tgt Ion: 91 Resp: 133907

Ion Ratio Lower Upper

91 100

120 22.9 11.6 34.8

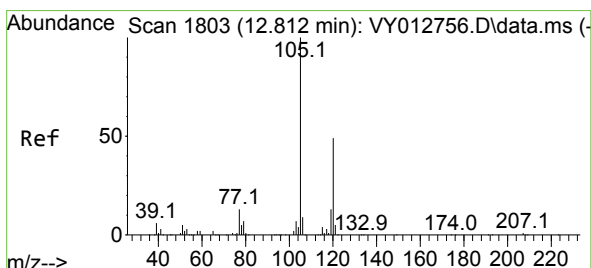
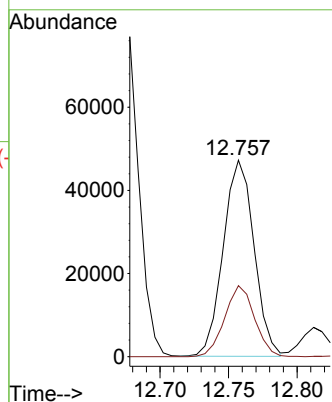
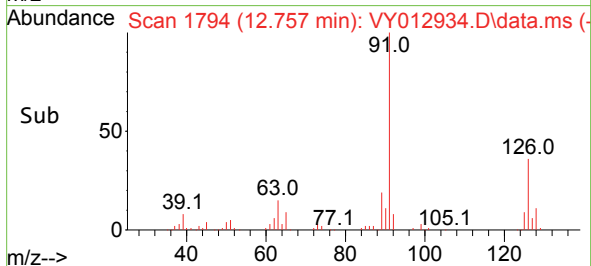
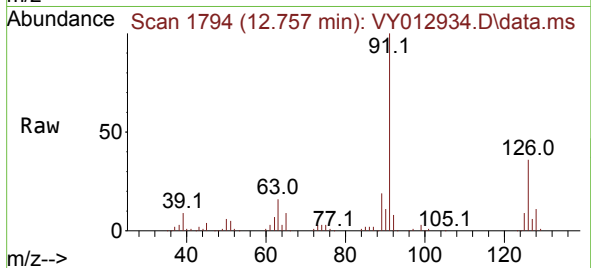




#79
2-Chlorotoluene
Concen: 21.463 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

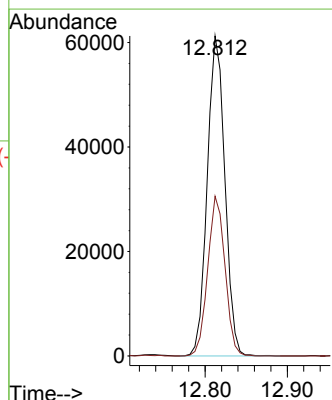
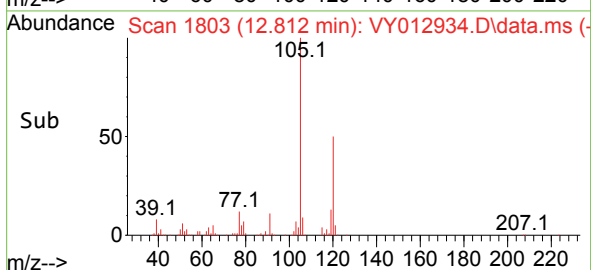
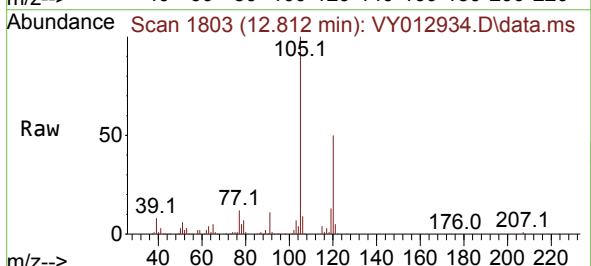
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

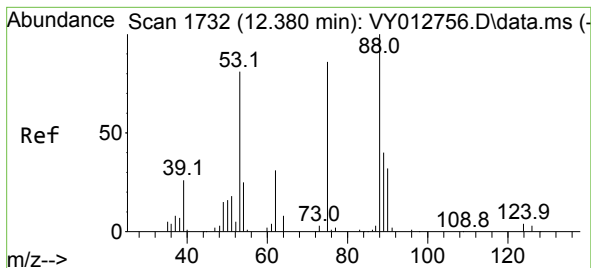
Tgt Ion: 91 Resp: 73894
Ion Ratio Lower Upper
91 100
126 35.1 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 22.010 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

Tgt Ion: 105 Resp: 91263
Ion Ratio Lower Upper
105 100
120 48.9 24.8 74.4

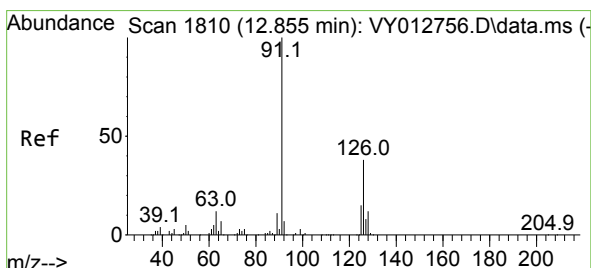
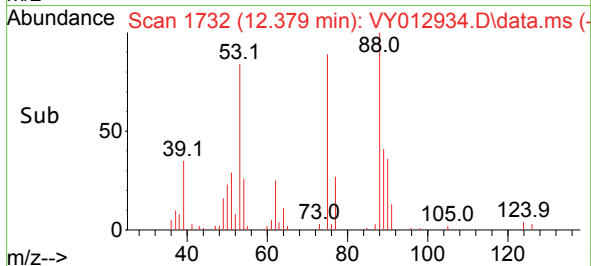
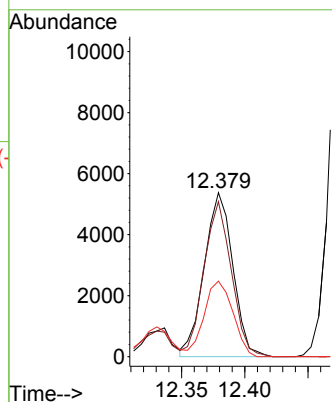
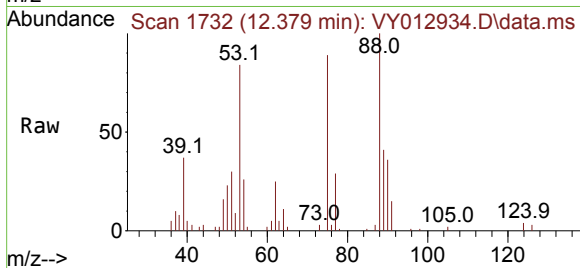




#81
trans-1,4-Dichloro-2-butene
Concen: 20.698 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

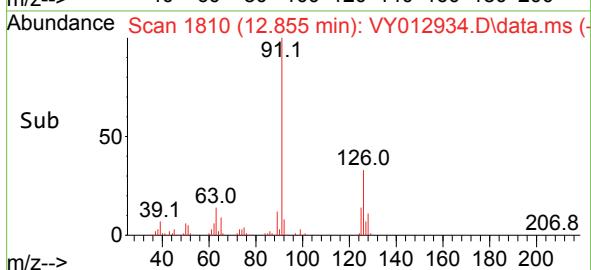
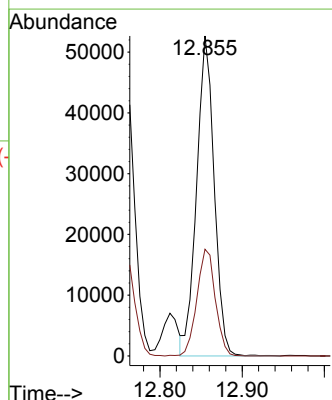
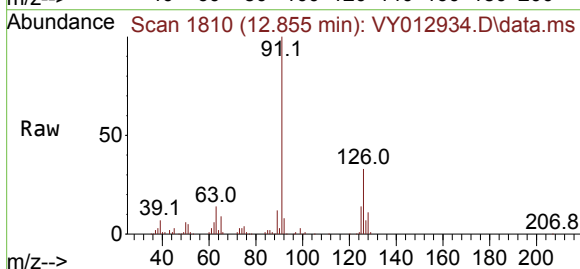
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

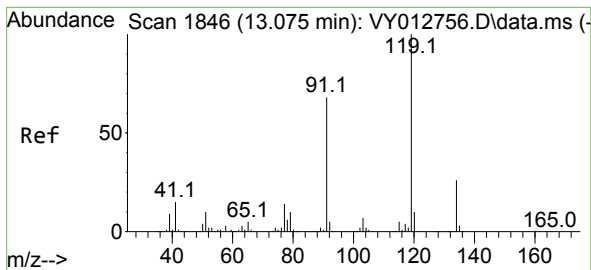
Tgt Ion: 75 Resp: 8457
Ion Ratio Lower Upper
75 100
53 91.0 73.4 110.0
89 45.9 36.6 55.0



#82
4-Chlorotoluene
Concen: 21.952 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

Tgt Ion: 91 Resp: 78236
Ion Ratio Lower Upper
91 100
126 35.1 17.7 53.1

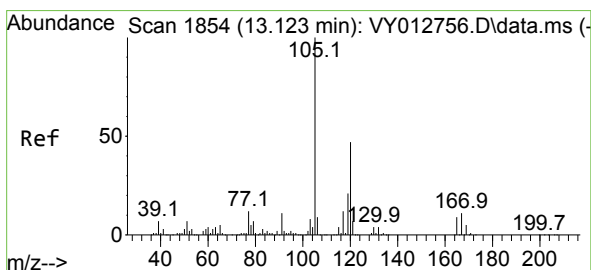
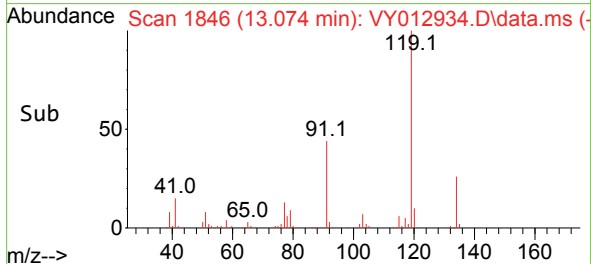
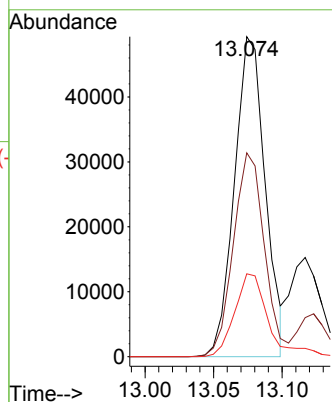
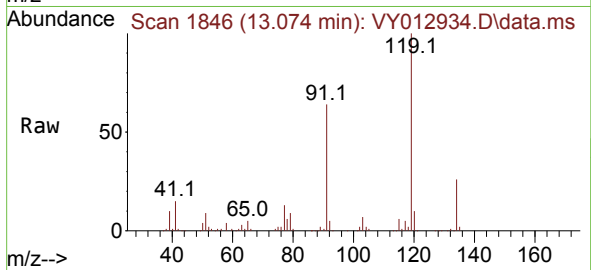




#83
tert-Butylbenzene
Concen: 21.505 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

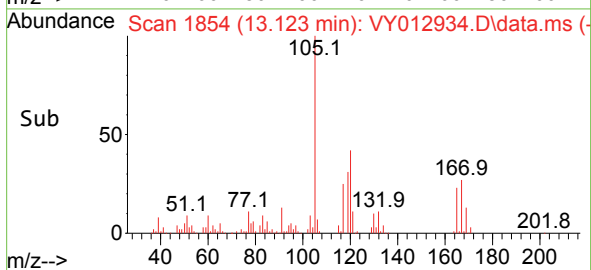
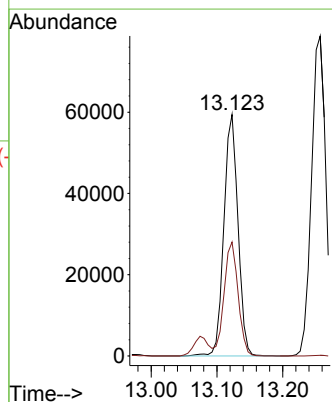
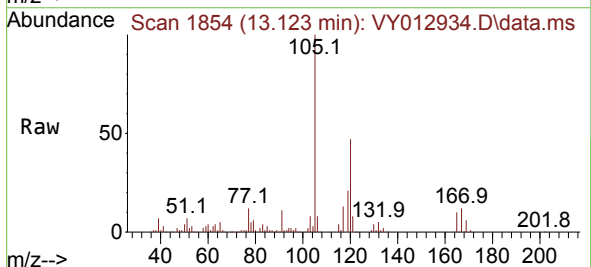
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

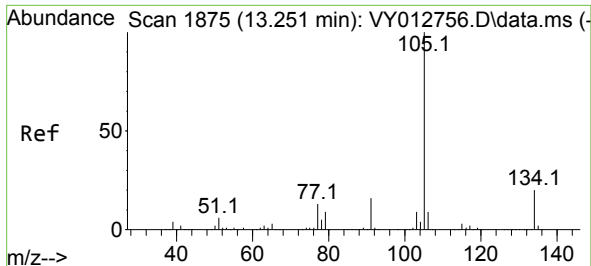
Tgt Ion:	119	Resp:	76964
Ion Ratio	Lower	Upper	
119	100		
91	64.4	32.8	98.3
134	28.2	13.6	40.8



#84
1,2,4-Trimethylbenzene
Concen: 21.852 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

Tgt Ion:	105	Resp:	88603
Ion Ratio	Lower	Upper	
105	100		
120	47.2	23.0	69.0

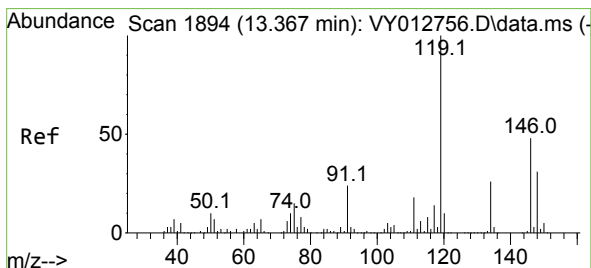
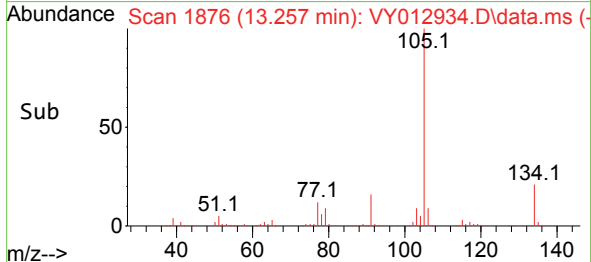
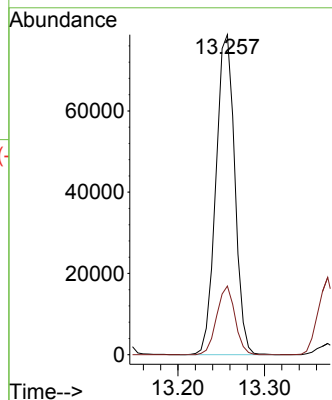
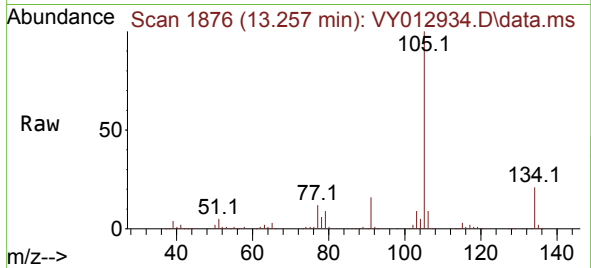




#85
 sec-Butylbenzene
 Concen: 21.814 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY012934.D
 Acq: 14 Mar 2023 11:52

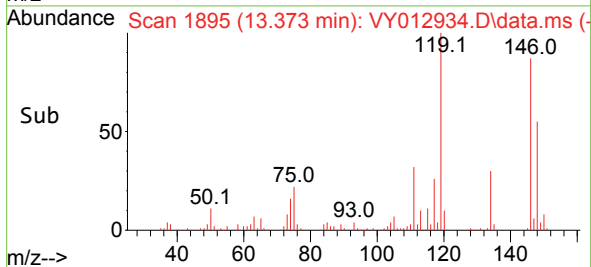
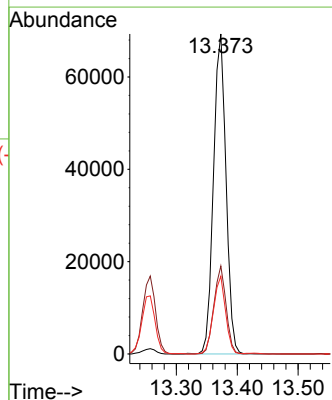
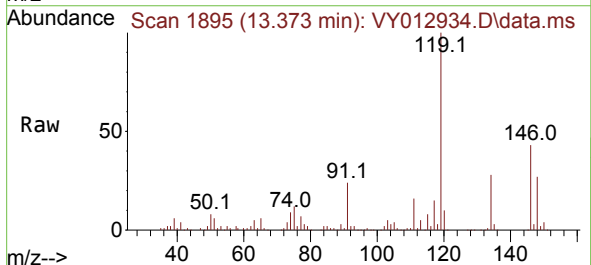
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

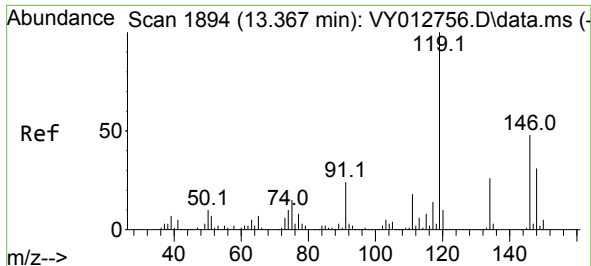
Tgt Ion:105 Resp: 119103
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 22.192 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY012934.D
 Acq: 14 Mar 2023 11:52

Tgt Ion:119 Resp: 99027
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.6
 91 23.7 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 22.702 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012934.D

Acq: 14 Mar 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

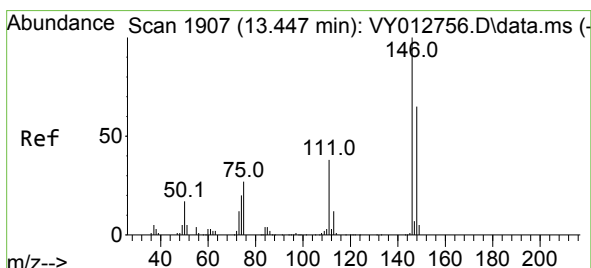
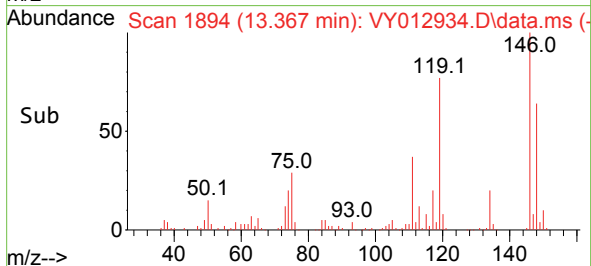
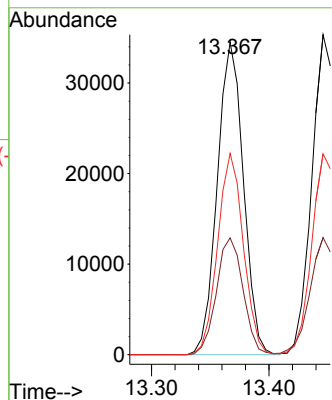
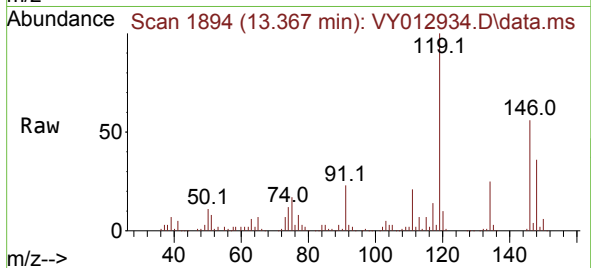
Tgt Ion:146 Resp: 53445

Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.5

148 63.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 22.064 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012934.D

Acq: 14 Mar 2023 11:52

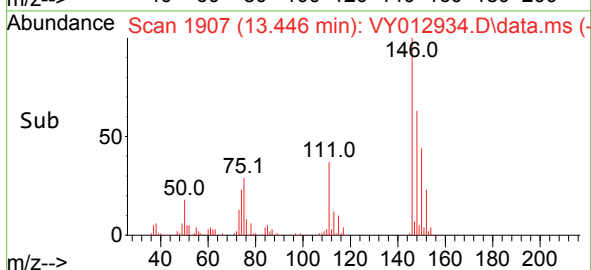
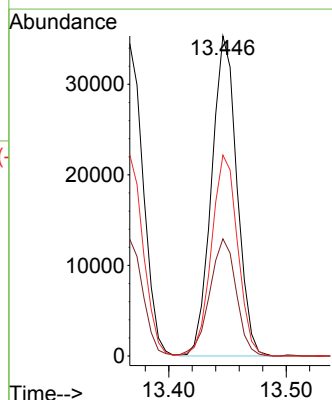
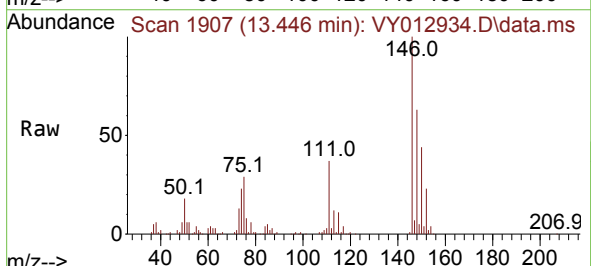
Tgt Ion:146 Resp: 53013

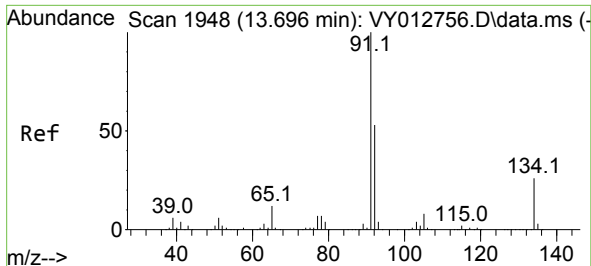
Ion Ratio Lower Upper

146 100

111 38.4 18.6 55.8

148 64.9 31.5 94.5





#89

n-Butylbenzene

Concen: 21.418 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012934.D

Acq: 14 Mar 2023 11:52

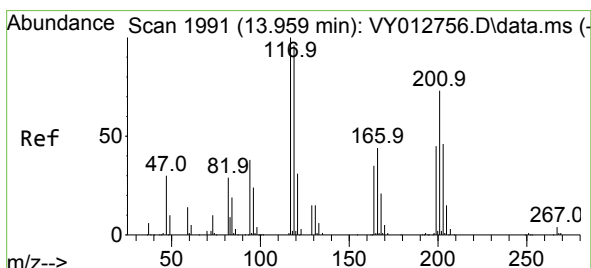
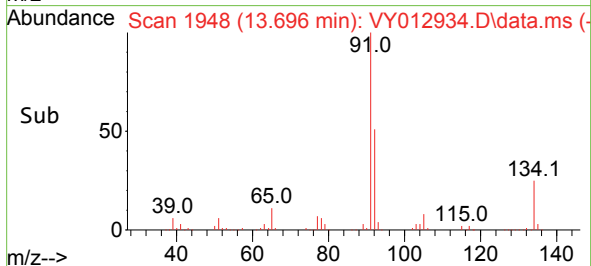
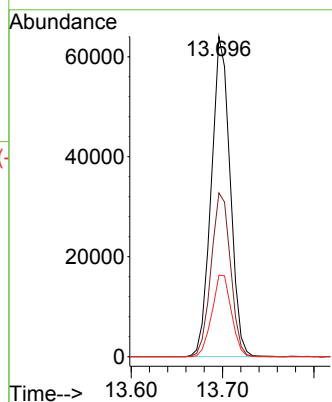
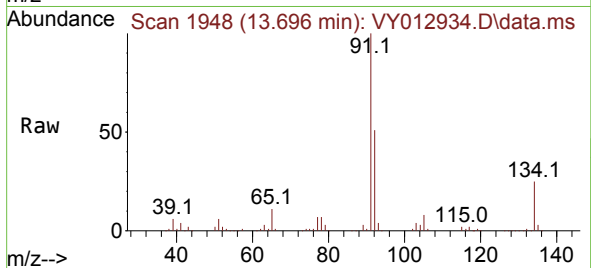
Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

Tgt Ion: 91	Resp: 91494
Ion Ratio	Lower Upper
91	100
92	52.6 26.4 79.0
134	26.4 13.0 38.9



#90

Hexachloroethane

Concen: 22.003 ug/l

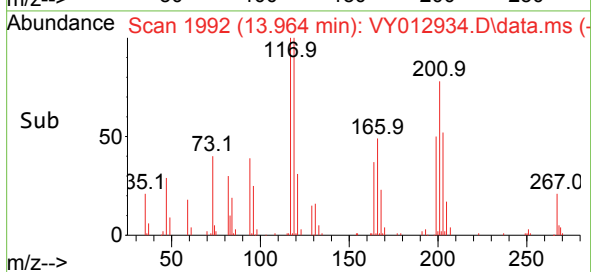
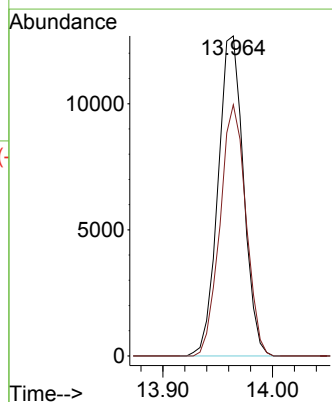
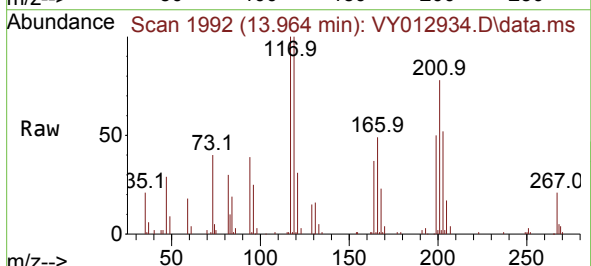
RT: 13.964 min Scan# 1992

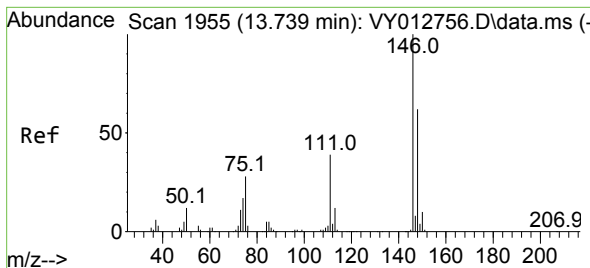
Delta R.T. 0.006 min

Lab File: VY012934.D

Acq: 14 Mar 2023 11:52

Tgt Ion: 117	Resp: 20450
Ion Ratio	Lower Upper
117	100
201	79.9 39.4 118.1

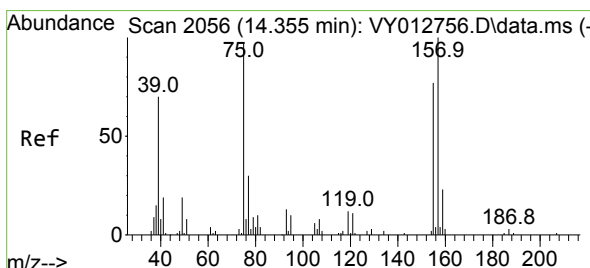
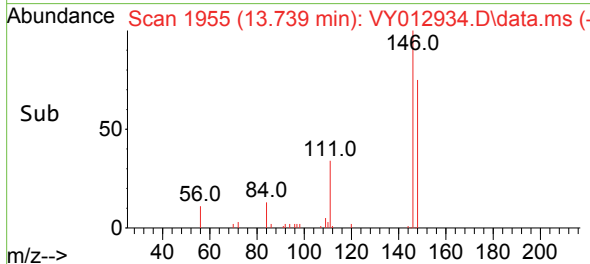
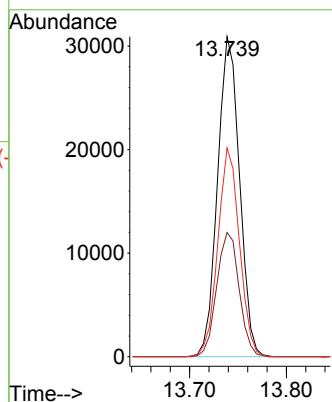
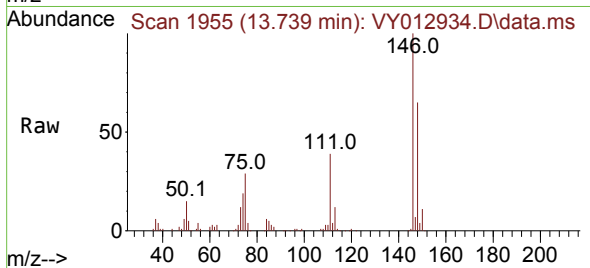




#91
1,2-Dichlorobenzene
Concen: 22.883 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

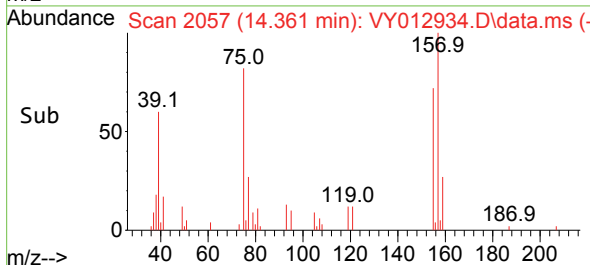
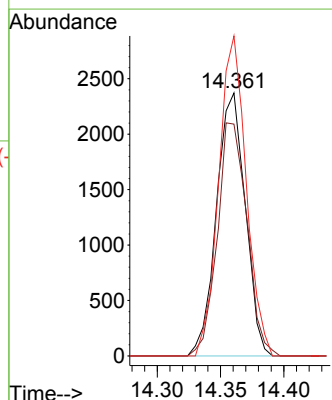
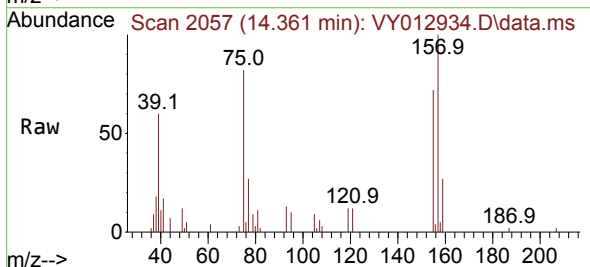
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

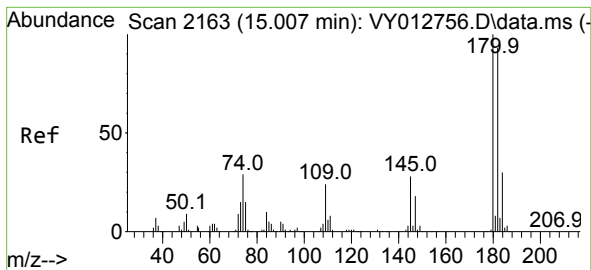
Tgt Ion:146 Resp: 48696
Ion Ratio Lower Upper
146 100
111 39.6 19.7 59.1
148 64.2 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.549 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY012934.D
Acq: 14 Mar 2023 11:52

Tgt Ion: 75 Resp: 3751
Ion Ratio Lower Upper
75 100
155 91.2 43.8 131.4
157 116.0 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 21.778 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012934.D

Acq: 14 Mar 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

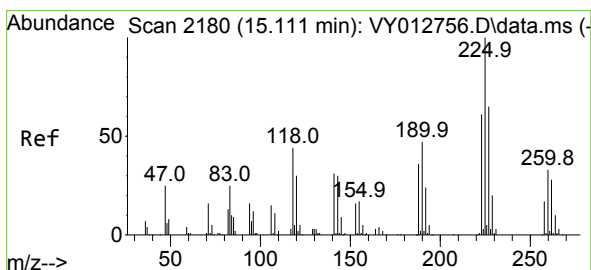
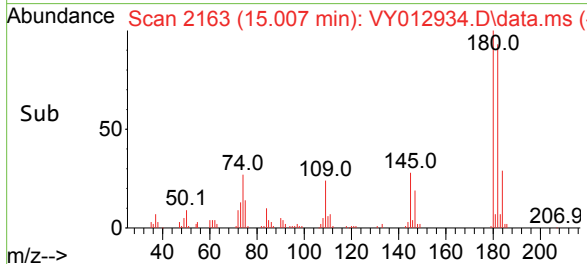
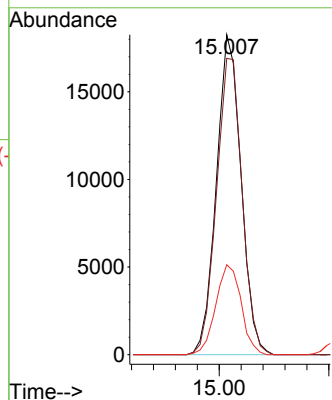
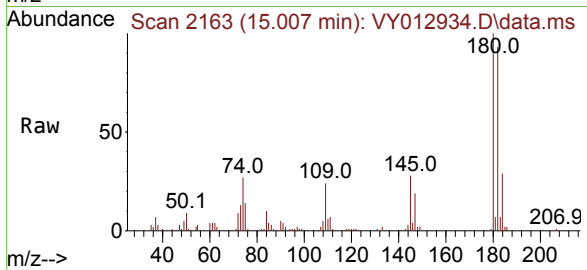
Tgt Ion:180 Resp: 28535

Ion Ratio Lower Upper

180 100

182 96.1 46.7 140.1

145 28.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 22.137 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY012934.D

Acq: 14 Mar 2023 11:52

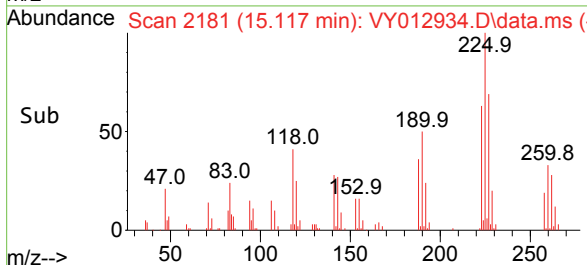
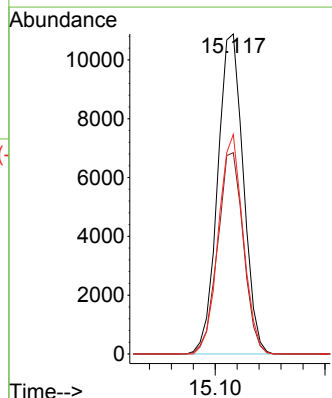
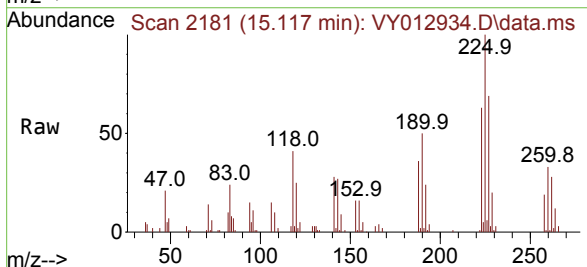
Tgt Ion:225 Resp: 17691

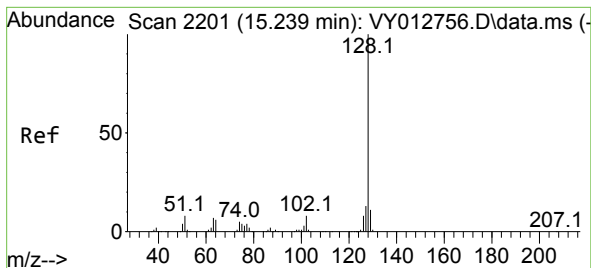
Ion Ratio Lower Upper

225 100

223 63.0 31.1 93.3

227 65.7 32.4 97.0





#95

Naphthalene

Concen: 20.077 ug/l

RT: 15.238 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY012934.D

Acq: 14 Mar 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

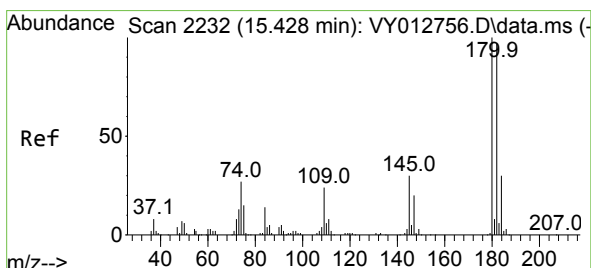
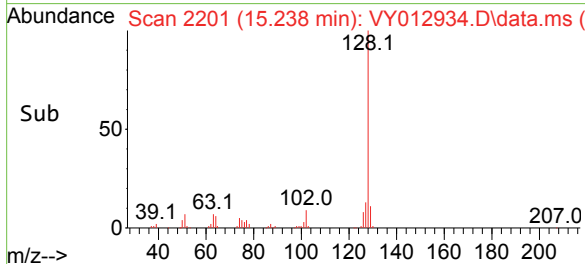
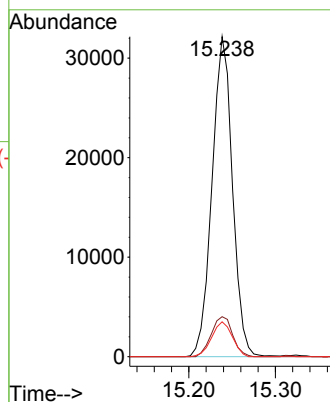
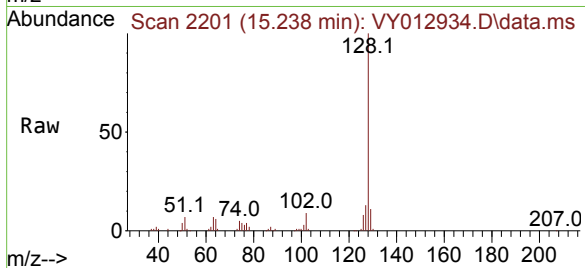
Tgt Ion:128 Resp: 52716

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.674 ug/l

RT: 15.427 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY012934.D

Acq: 14 Mar 2023 11:52

Tgt Ion:180 Resp: 25257

Ion Ratio Lower Upper

180 100

182 95.7 47.4 142.3

145 30.7 15.3 45.8

