

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022323\
 Data File : VY012698.D
 Acq On : 23 Feb 2023 11:09
 Operator : KP/MD
 Sample : VY0223SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0223SBS01

Quant Time: Feb 23 23:51:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	116400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	180027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	159524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80983	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	66352	48.265	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.540%
35) Dibromofluoromethane	7.716	113	61225	50.351	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.700%
50) Toluene-d8	10.179	98	231314	50.777	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.560%
62) 4-Bromofluorobenzene	12.483	95	75546	51.822	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.640%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	22958	19.184	ug/l	97
3) Chloromethane	2.113	50	29103	18.035	ug/l	97
4) Vinyl Chloride	2.253	62	26745	20.227	ug/l	99
5) Bromomethane	2.650	94	15631	21.585	ug/l	97
6) Chloroethane	2.790	64	15688	18.638	ug/l	92
7) Trichlorofluoromethane	3.131	101	42432	19.908	ug/l	99
8) Diethyl Ether	3.533	74	15093	19.779	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	26268	20.623	ug/l	99
10) Methyl Iodide	4.094	142	31210	18.713	ug/l	98
11) Tert butyl alcohol	4.960	59	14167	94.208	ug/l	97
12) 1,1-Dichloroethene	3.869	96	24200	19.680	ug/l	92
13) Acrolein	3.735	56	19732	103.851	ug/l	97
14) Allyl chloride	4.485	41	47174	19.767	ug/l	100
15) Acrylonitrile	5.161	53	41012	101.019	ug/l	99
16) Acetone	3.948	43	44511	99.225	ug/l	93
17) Carbon Disulfide	4.198	76	82126	19.847	ug/l	100
18) Methyl Acetate	4.478	43	29216	20.218	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	64432	19.480	ug/l	96
20) Methylene Chloride	4.716	84	34567	21.242	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	26780	20.022	ug/l	94
22) Diisopropyl ether	6.118	45	91265	20.494	ug/l	99
23) Vinyl Acetate	6.064	43	274392	99.484	ug/l	99
24) 1,1-Dichloroethane	6.021	63	49468	20.032	ug/l	97
25) 2-Butanone	6.984	43	59103	99.270	ug/l	100
26) 2,2-Dichloropropane	6.984	77	42658	19.803	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	29538	20.183	ug/l	97
28) Bromochloromethane	7.332	49	20316	20.545	ug/l	97
29) Tetrahydrofuran	7.350	42	37125	102.136	ug/l	99
30) Chloroform	7.508	83	48598	20.311	ug/l	93
31) Cyclohexane	7.783	56	45961	19.244	ug/l	96
32) 1,1,1-Trichloroethane	7.703	97	42936	19.822	ug/l	99
36) 1,1-Dichloropropene	7.923	75	37554	19.484	ug/l	99
37) Ethyl Acetate	7.069	43	24774	19.049	ug/l	99
38) Carbon Tetrachloride	7.905	117	39669	19.905	ug/l	94
39) Methylcyclohexane	9.185	83	43969	19.776	ug/l	98
40) Benzene	8.161	78	109497	20.352	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	34373	54.266	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	33090	19.835	ug/l	99
43) Isopropyl Acetate	8.270	43	44245	19.687	ug/l	99
44) Trichloroethene	8.941	130	27942	20.088	ug/l	99
45) 1,2-Dichloropropane	9.215	63	28150	20.341	ug/l	100
46) Dibromomethane	9.307	93	15631	20.461	ug/l	99
47) Bromodichloromethane	9.496	83	36517	19.856	ug/l	94
48) Methyl methacrylate	9.295	41	20366	19.420	ug/l	99
49) 1,4-Dioxane	9.307	88	3884	365.816	ug/l #	73
51) 4-Methyl-2-Pentanone	10.069	43	124279	102.514	ug/l	100
52) Toluene	10.246	92	66922	20.994	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	38769	20.173	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	43759	20.123	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	21866	21.073	ug/l	93
56) Ethyl methacrylate	10.514	69	28745	20.285	ug/l	97
57) 1,3-Dichloropropane	10.794	76	36872	20.218	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	73967	95.727	ug/l	100
59) 2-Hexanone	10.831	43	89800	104.489	ug/l	99
60) Dibromochloromethane	10.989	129	25793	20.518	ug/l	100
61) 1,2-Dibromoethane	11.087	107	20525	20.647	ug/l	100
64) Tetrachloroethene	10.721	164	23295	20.079	ug/l	95
65) Chlorobenzene	11.520	112	69270	20.249	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	26251	20.707	ug/l	99
67) Ethyl Benzene	11.593	91	124099	20.295	ug/l	98
68) m/p-Xylenes	11.703	106	97221	41.679	ug/l	95
69) o-Xylene	12.032	106	44220	20.467	ug/l	100
70) Styrene	12.044	104	74229	20.499	ug/l	99
71) Bromoform	12.209	173	16644	20.574	ug/l #	98
73) Isopropylbenzene	12.331	105	117329	19.605	ug/l	99
74) N-amyl acetate	12.148	43	38163	19.399	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	27446	20.397	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	34256	33.931	ug/l #	100
77) Bromobenzene	12.611	156	28345	19.767	ug/l	99
78) n-propylbenzene	12.672	91	148222	19.801	ug/l	99
79) 2-Chlorotoluene	12.757	91	80821	19.435	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	97732	19.550	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	9415	19.756	ug/l	96
82) 4-Chlorotoluene	12.855	91	83588	19.380	ug/l	98
83) tert-Butylbenzene	13.074	119	80693	18.903	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	95090	19.458	ug/l	97
85) sec-Butylbenzene	13.257	105	129339	19.914	ug/l	99
86) p-Isopropyltoluene	13.373	119	104517	19.540	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	54767	19.500	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	55883	19.621	ug/l	99
89) n-Butylbenzene	13.696	91	99650	19.453	ug/l	99
90) Hexachloroethane	13.965	117	21522	19.827	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	49954	19.915	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4275	19.328	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	29385	18.523	ug/l	98
94) Hexachlorobutadiene	15.117	225	18286	19.099	ug/l	98
95) Naphthalene	15.239	128	58257	18.174	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	26416	18.812	ug/l	98

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QLast Update : Wed Feb 22 01:21:05 2023
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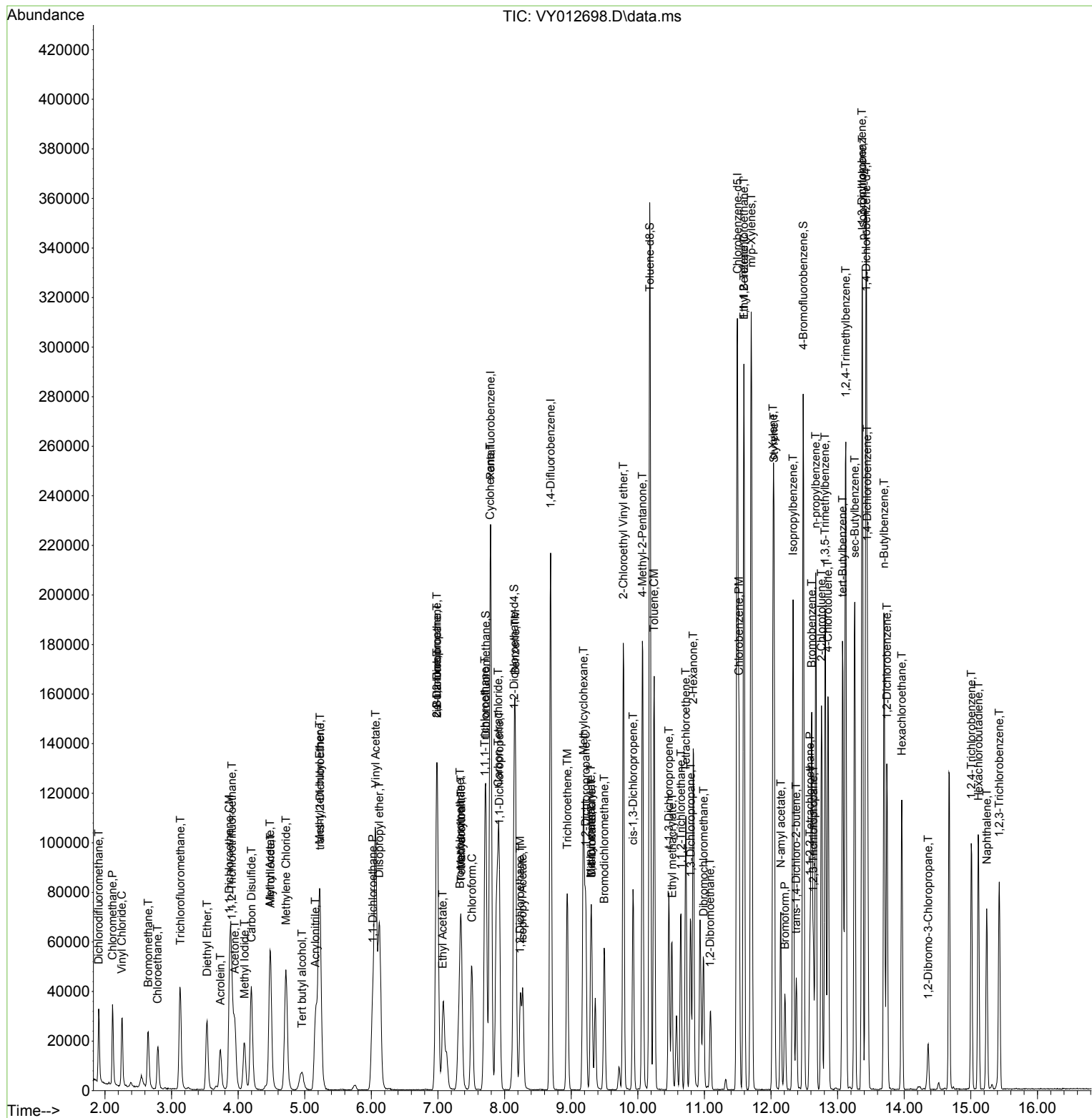
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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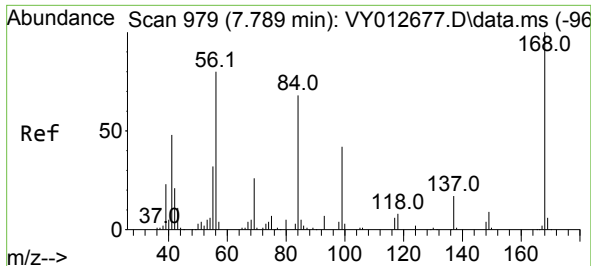
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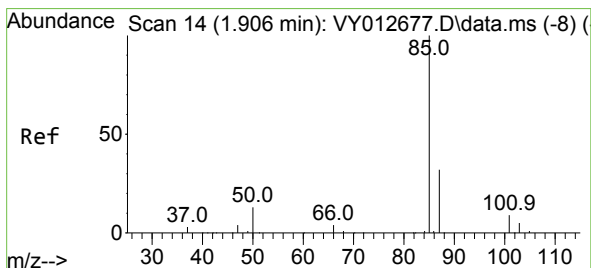
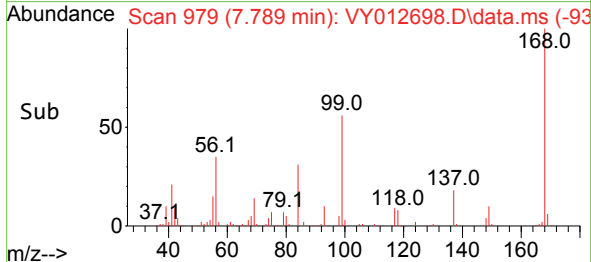
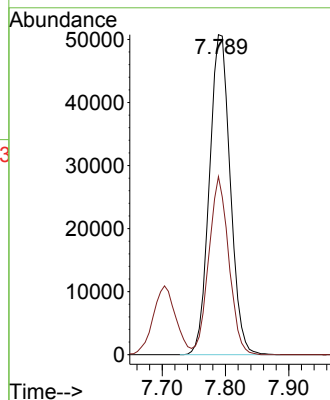
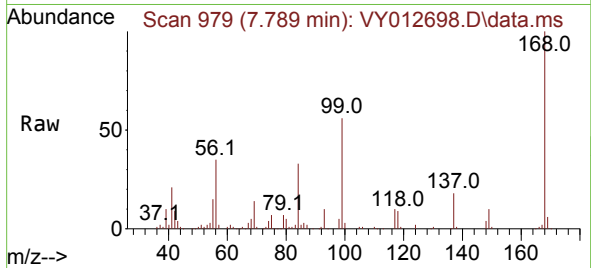




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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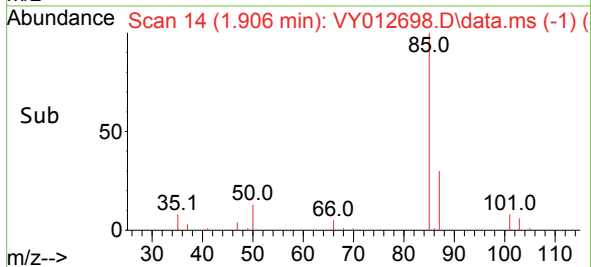
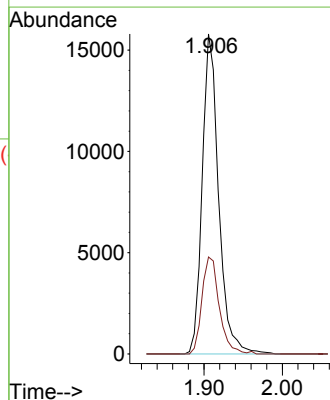
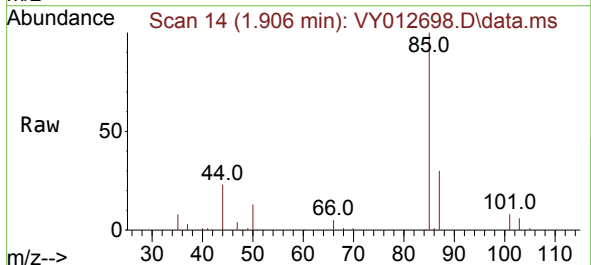
Instrument :
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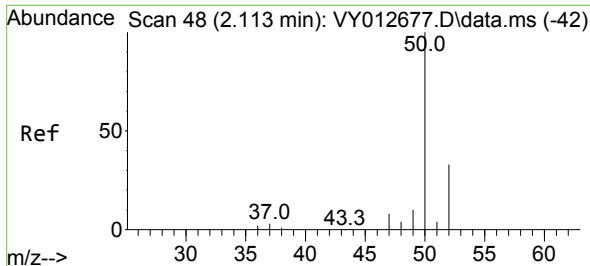
Tgt Ion:168 Resp: 116400
Ion Ratio Lower Upper
168 100
99 55.7 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 19.184 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

Tgt Ion: 85 Resp: 22958
Ion Ratio Lower Upper
85 100
87 30.3 16.1 48.2

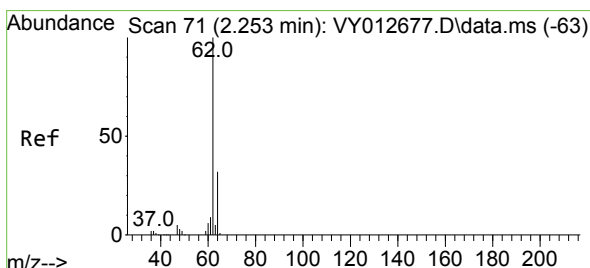
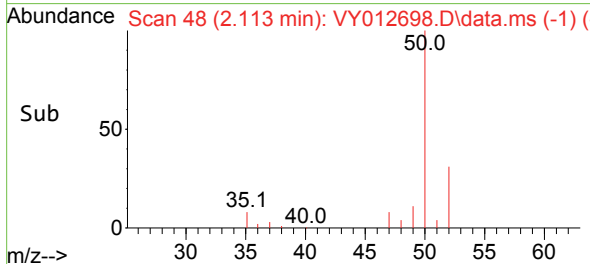
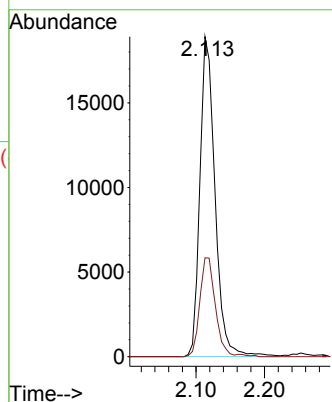
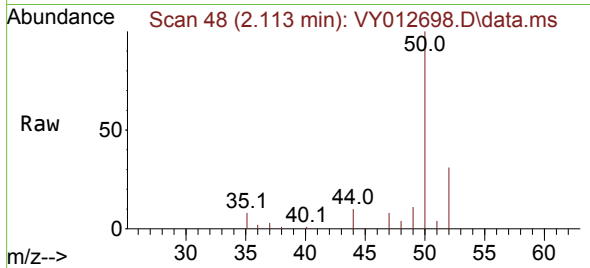




#3
Chloromethane
Concen: 18.035 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

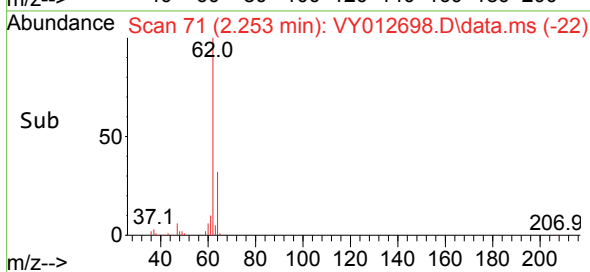
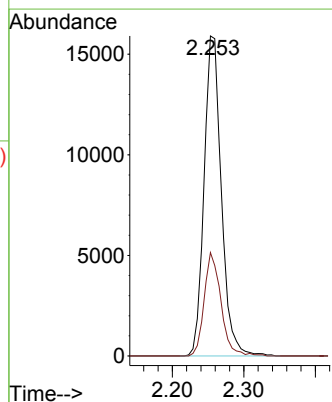
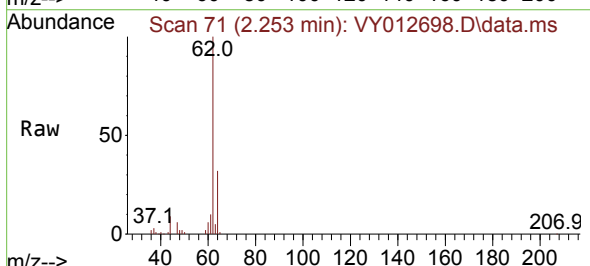
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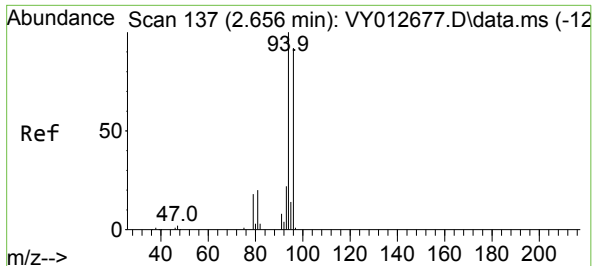
Tgt Ion: 50 Resp: 29103
Ion Ratio Lower Upper
50 100
52 30.9 26.1 39.1



#4
Vinyl Chloride
Concen: 20.227 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

Tgt Ion: 62 Resp: 26745
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.2

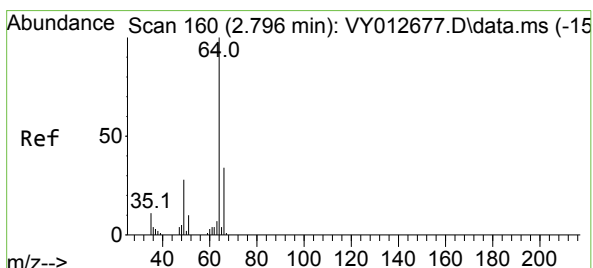
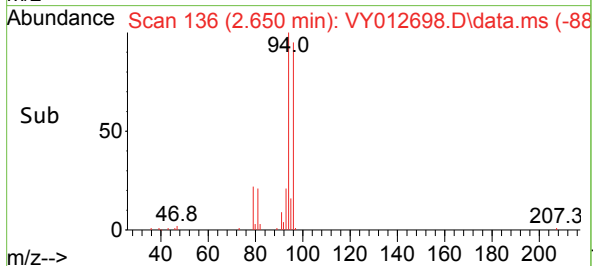
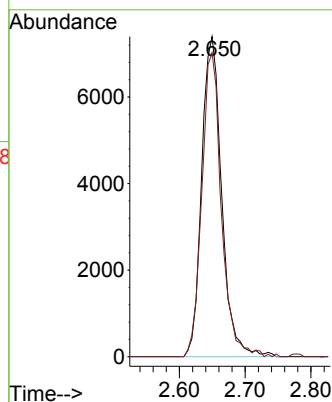
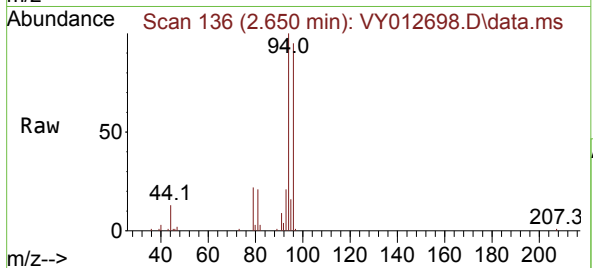




#5
Bromomethane
Concen: 21.585 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012698.D
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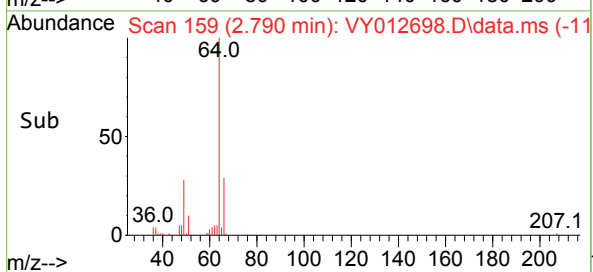
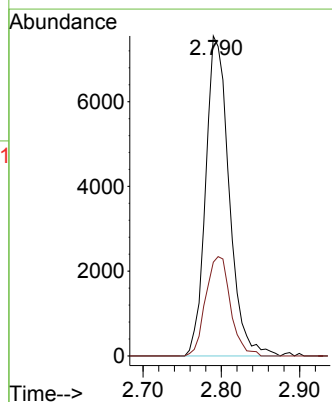
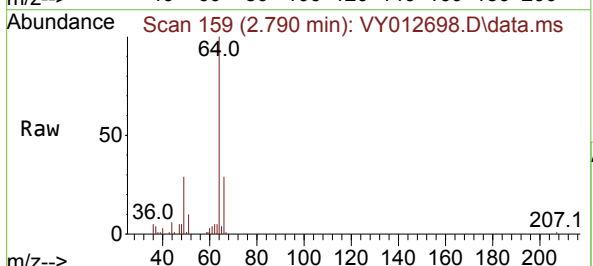
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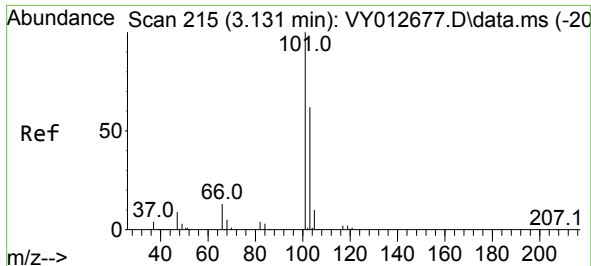
Tgt Ion: 94 Resp: 15631
Ion Ratio Lower Upper
94 100
96 95.0 73.9 110.9



#6
Chloroethane
Concen: 18.638 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012698.D
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Tgt Ion: 64 Resp: 15688
Ion Ratio Lower Upper
64 100
66 29.3 27.1 40.7

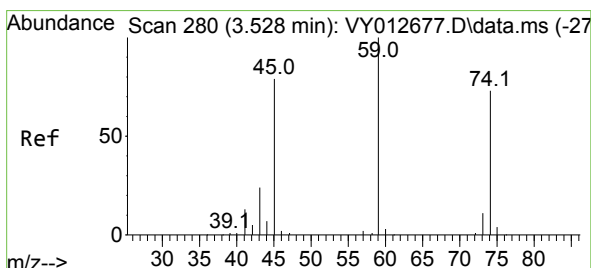
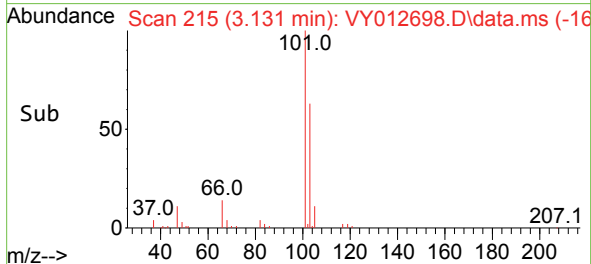
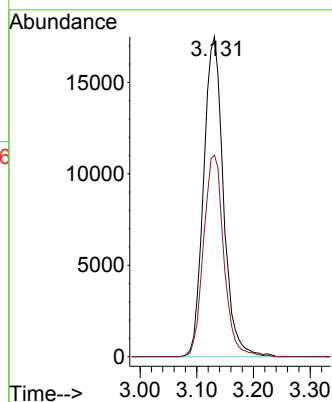
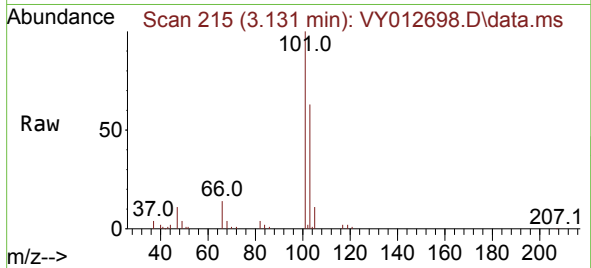




#7
 Trichlorofluoromethane
 Concen: 19.908 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. -0.000 min
 Lab File: VY012698.D
 Acq: 23 Feb 2023 11:09

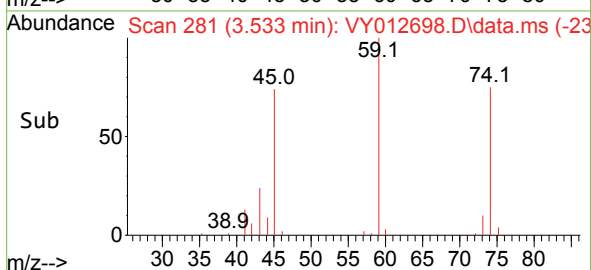
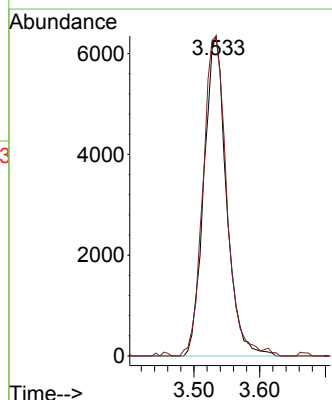
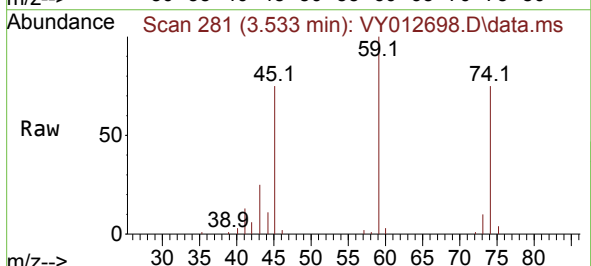
Instrument :
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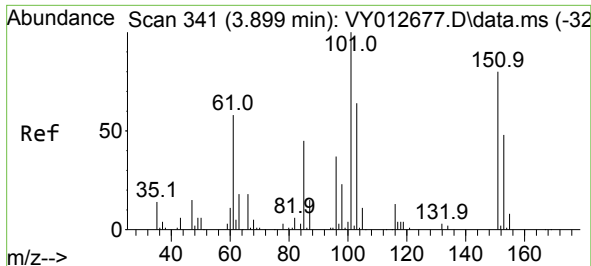
Tgt Ion:101 Resp: 42432
 Ion Ratio Lower Upper
 101 100
 103 63.0 49.8 74.6



#8
 Diethyl Ether
 Concen: 19.779 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY012698.D
 Acq: 23 Feb 2023 11:09

Tgt Ion: 74 Resp: 15093
 Ion Ratio Lower Upper
 74 100
 45 105.4 54.6 163.9

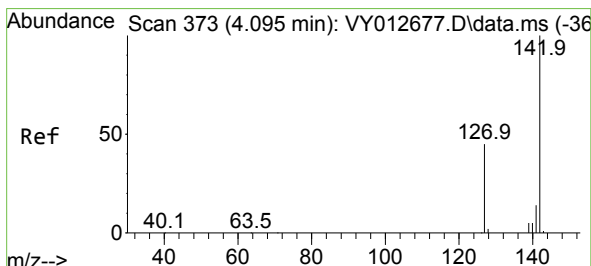
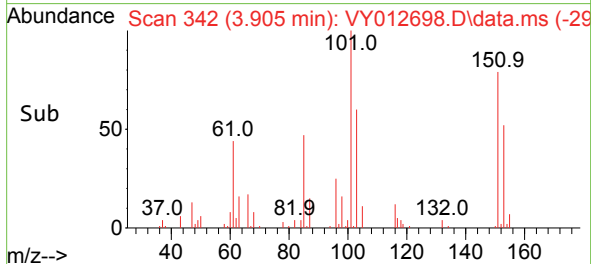
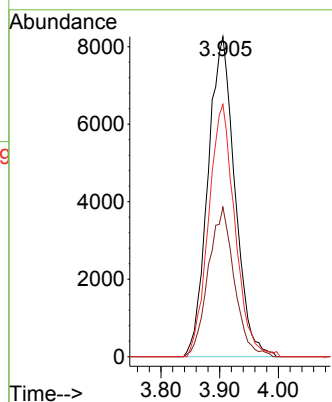
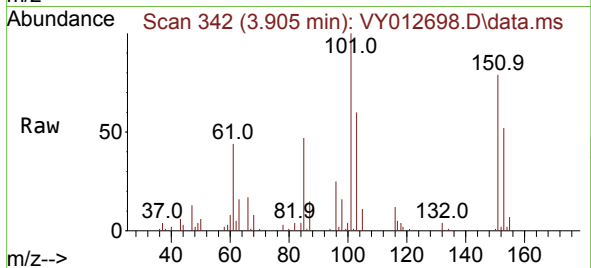




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.623 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

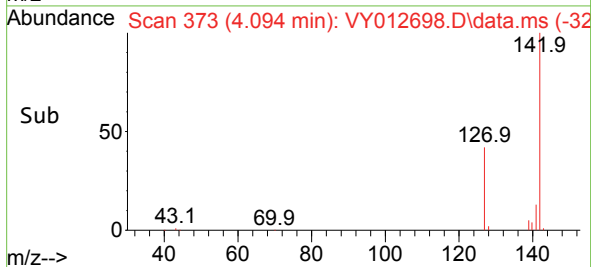
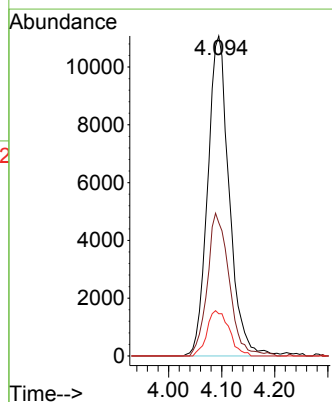
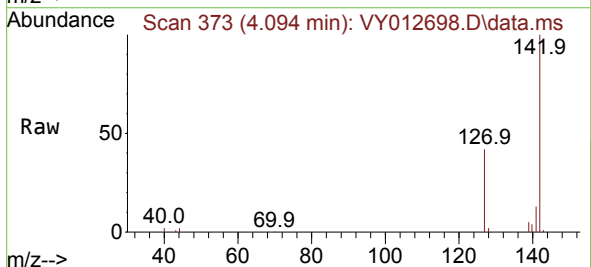
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

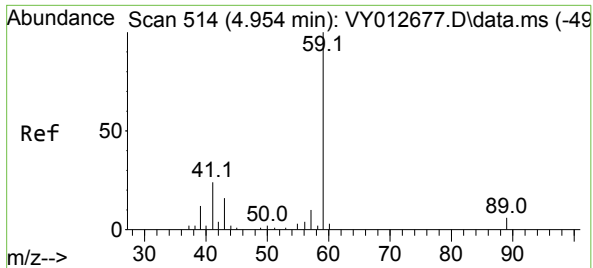
Tgt Ion:101 Resp: 26268
Ion Ratio Lower Upper
101 100
85 45.1 36.4 54.6
151 77.2 63.1 94.7



#10
Methyl Iodide
Concen: 18.713 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

Tgt Ion:142 Resp: 31210
Ion Ratio Lower Upper
142 100
127 45.3 37.3 55.9
141 14.6 11.6 17.4

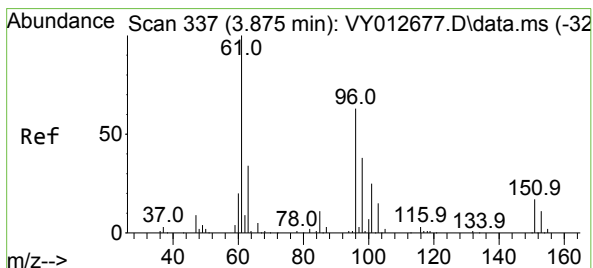
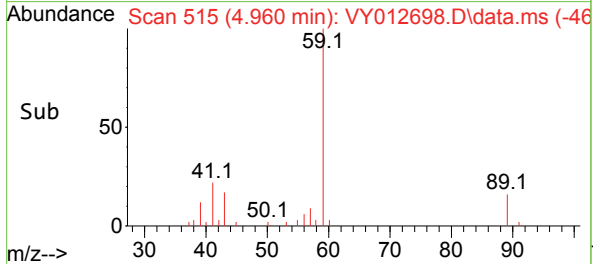
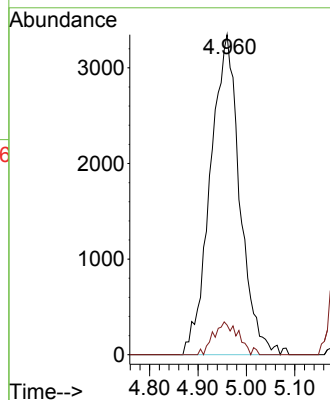
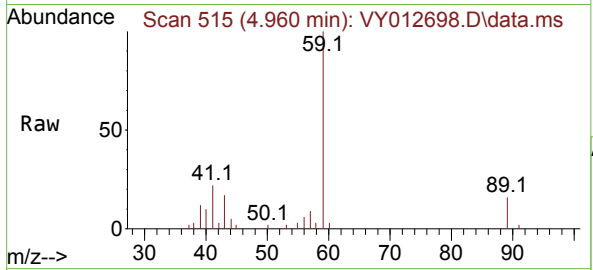




#11
Tert butyl alcohol
Concen: 94.208 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

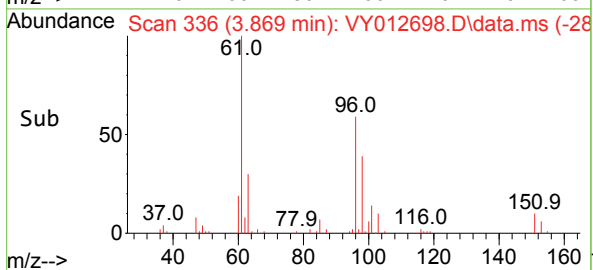
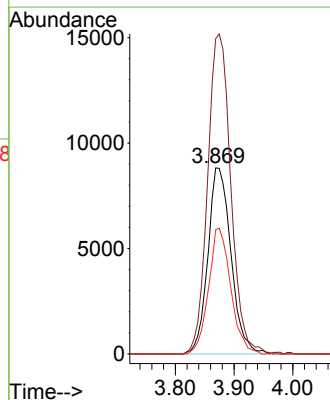
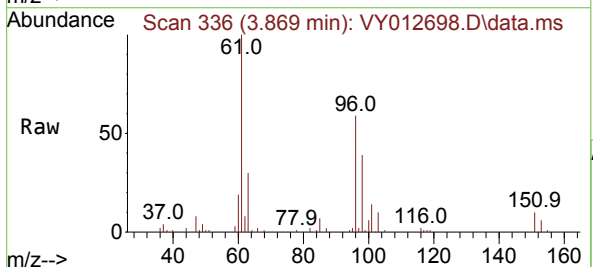
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

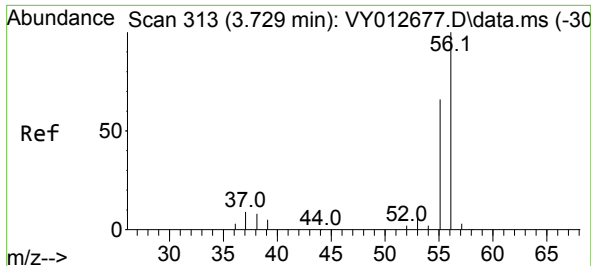
Tgt Ion: 59 Resp: 14167
Ion Ratio Lower Upper
59 100
57 8.4 7.7 11.5



#12
1,1-Dichloroethene
Concen: 19.680 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

Tgt Ion: 96 Resp: 24200
Ion Ratio Lower Upper
96 100
61 169.5 127.3 190.9
98 66.8 49.0 73.4





#13

Acrolein

Concen: 103.851 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

Instrument :

MSVOA_Y

ClientSampleId :

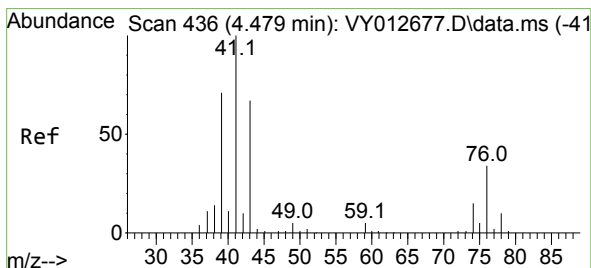
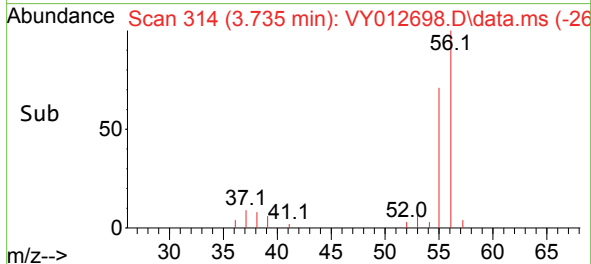
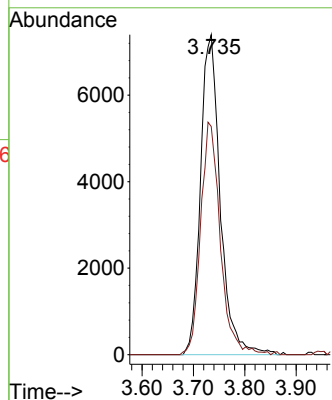
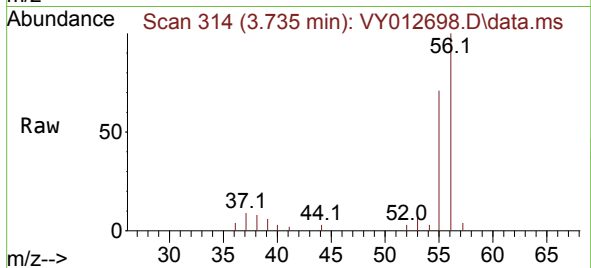
VY0223SBS01

Tgt Ion: 56 Resp: 19732

Ion Ratio Lower Upper

56 100

55 72.2 55.7 83.5



#14

Allyl chloride

Concen: 19.767 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

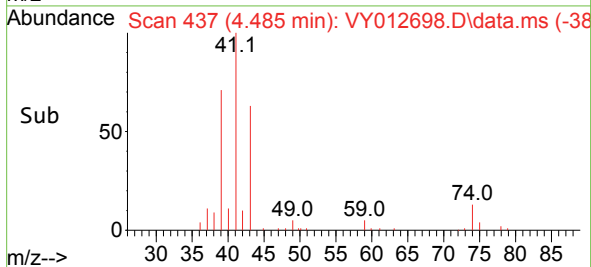
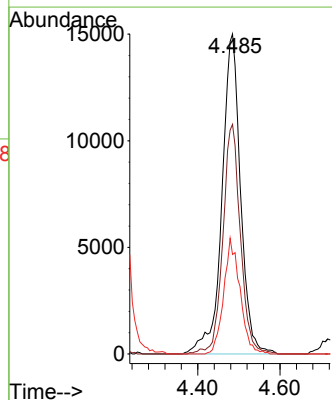
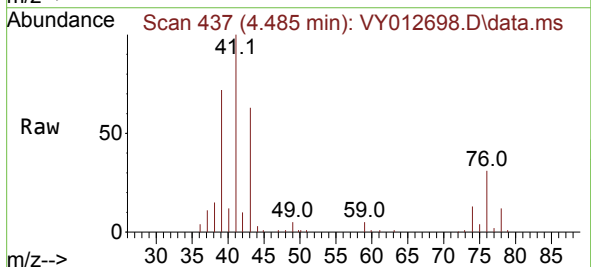
Tgt Ion: 41 Resp: 47174

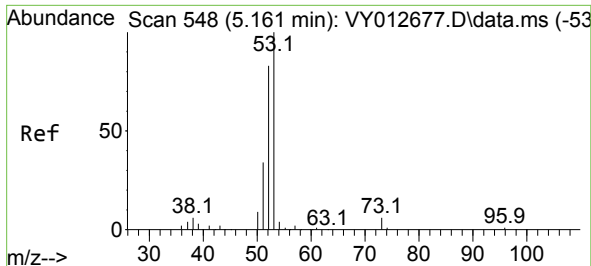
Ion Ratio Lower Upper

41 100

39 67.6 53.8 80.8

76 31.9 25.8 38.6

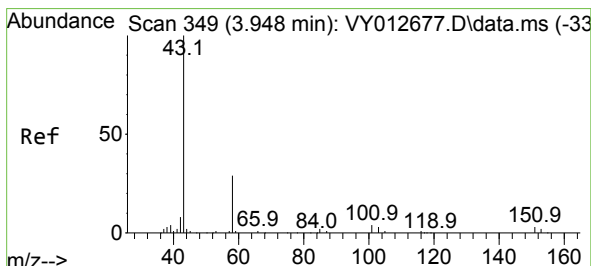
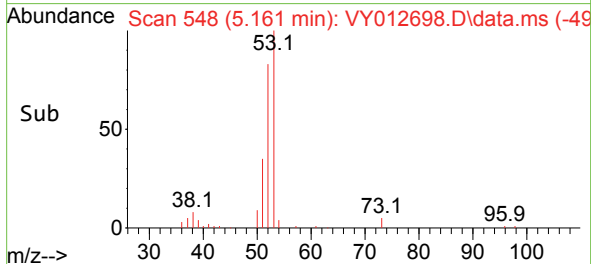
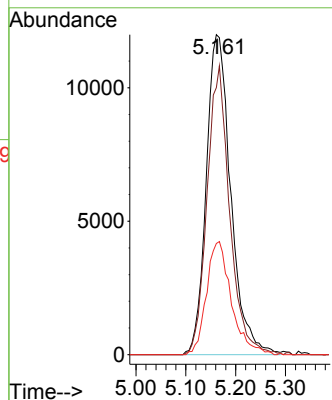
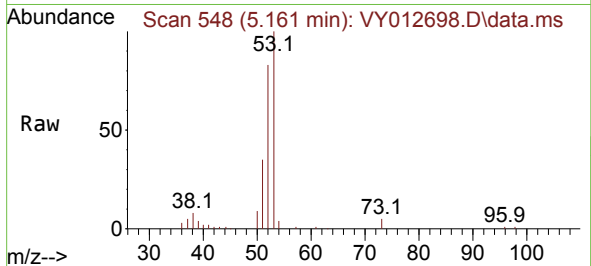




#15
Acrylonitrile
Concen: 101.019 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

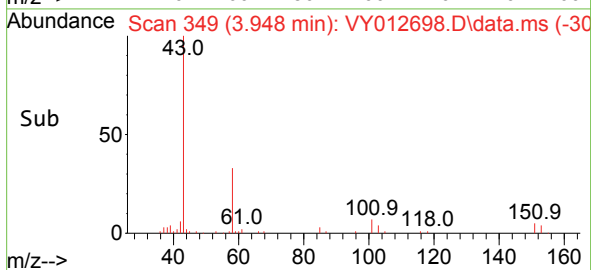
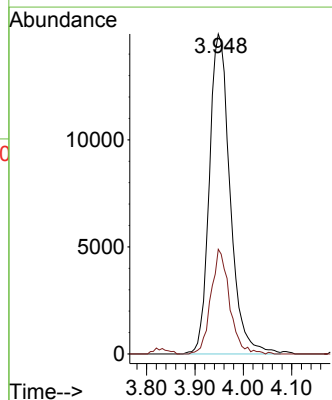
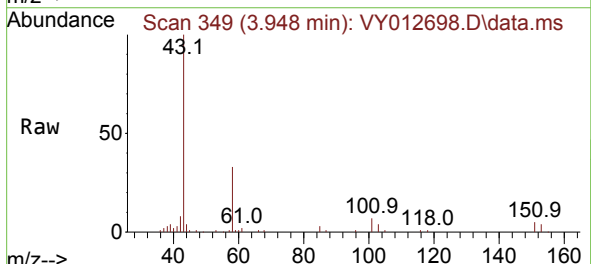
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

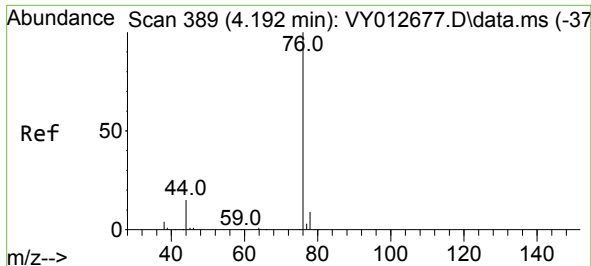
Tgt Ion: 53 Resp: 41012
Ion Ratio Lower Upper
53 100
52 83.1 65.2 97.8
51 35.9 28.6 43.0



#16
Acetone
Concen: 99.225 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

Tgt Ion: 43 Resp: 44511
Ion Ratio Lower Upper
43 100
58 32.7 23.3 34.9

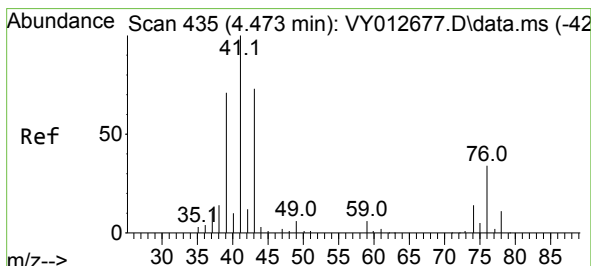
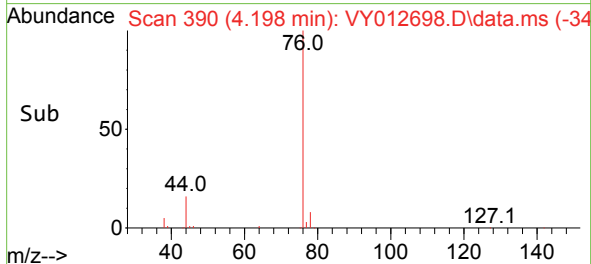
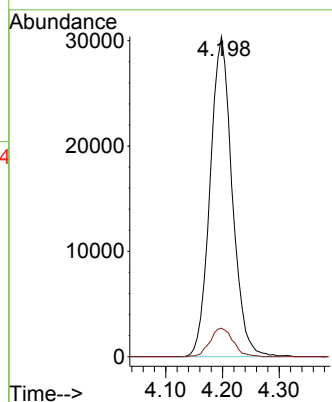
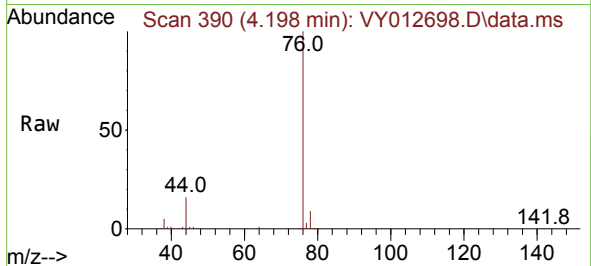




#17
Carbon Disulfide
Concen: 19.847 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

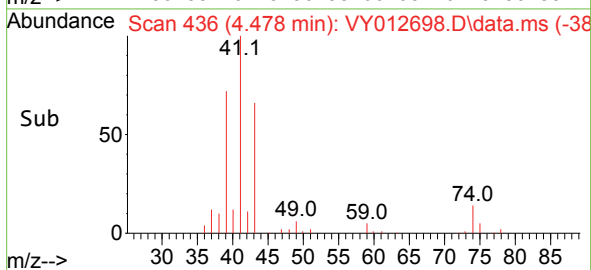
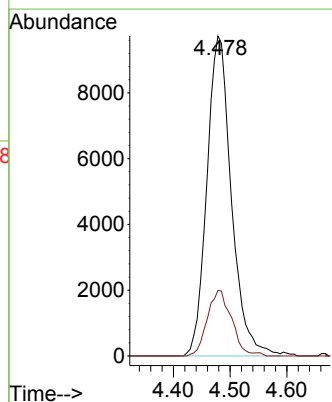
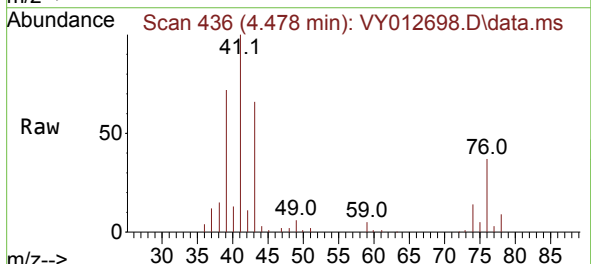
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

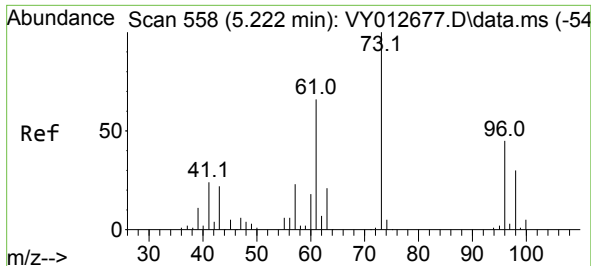
Tgt Ion: 76 Resp: 82126
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 20.218 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

Tgt Ion: 43 Resp: 29216
Ion Ratio Lower Upper
43 100
74 20.3 16.5 24.7

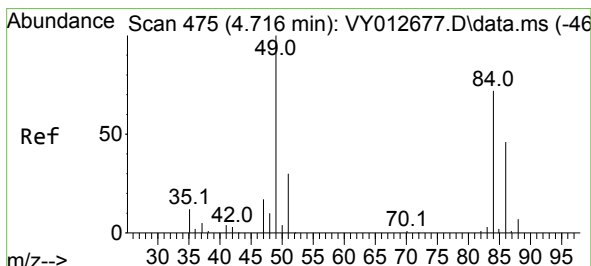
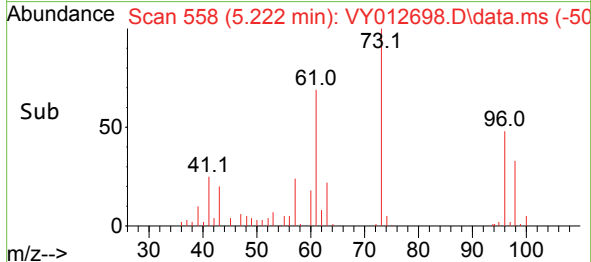
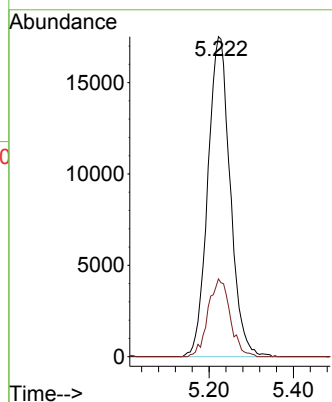
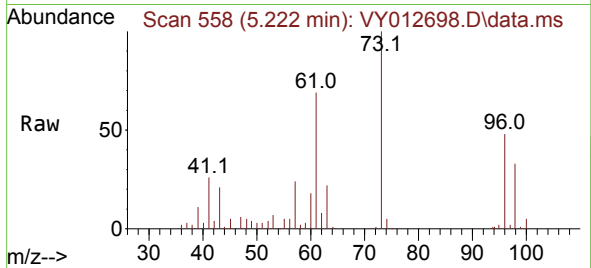




#19
Methyl tert-butyl Ether
Concen: 19.480 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

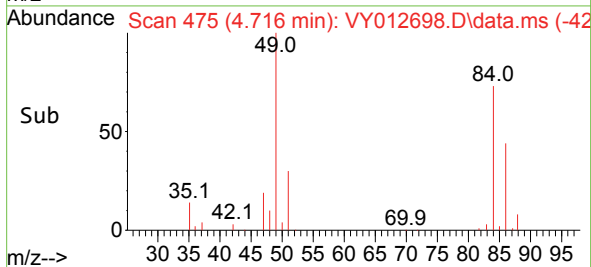
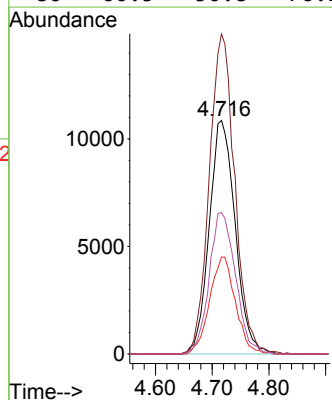
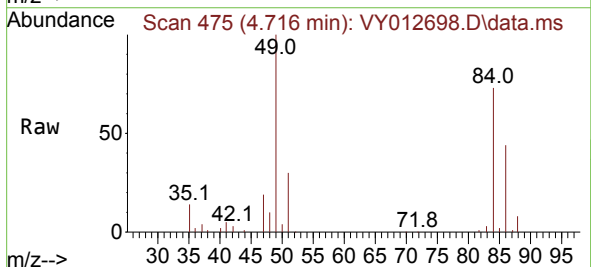
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

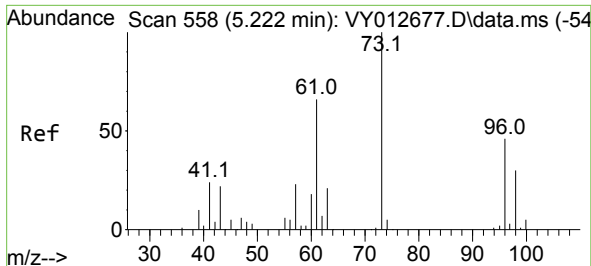
Tgt Ion: 73 Resp: 64432
Ion Ratio Lower Upper
73 100
57 24.3 18.1 27.1



#20
Methylene Chloride
Concen: 21.242 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

Tgt Ion: 84 Resp: 34567
Ion Ratio Lower Upper
84 100
49 137.0 111.1 166.7
51 41.5 33.5 50.3
86 60.5 50.8 76.2

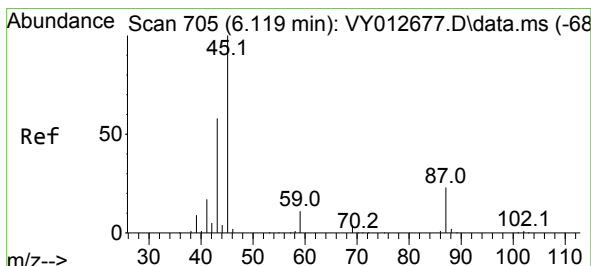
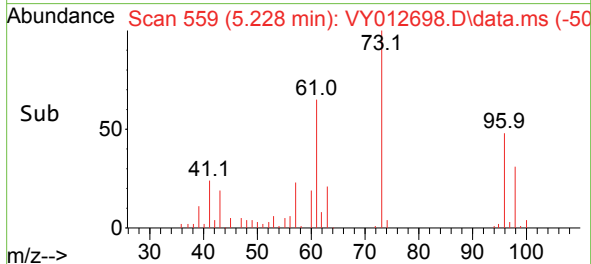
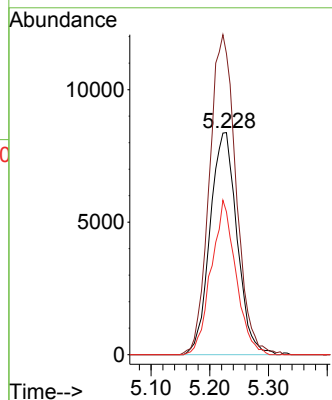
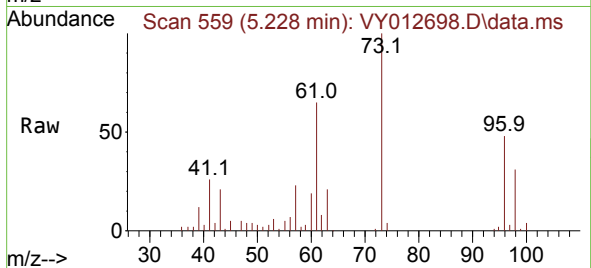




#21
trans-1,2-Dichloroethene
Concen: 20.022 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

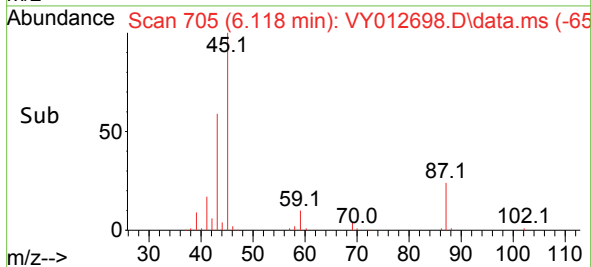
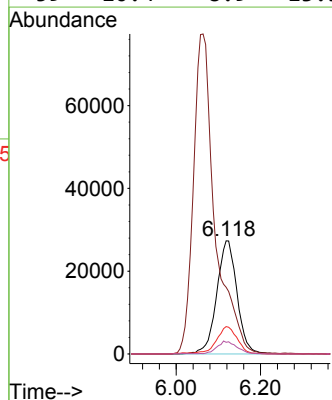
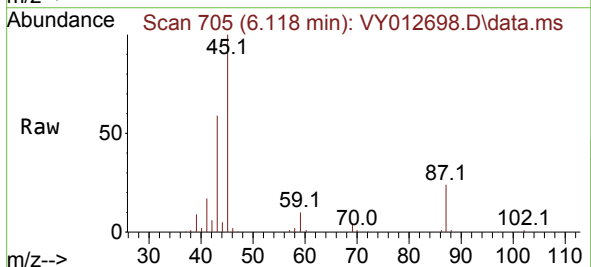
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

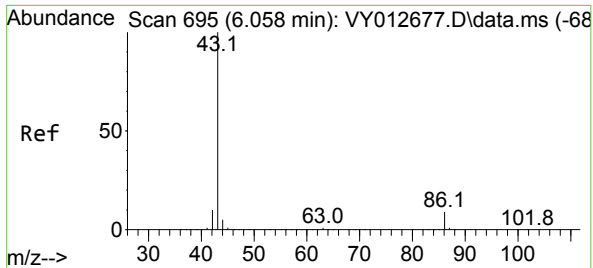
Tgt Ion: 96 Resp: 26780
Ion Ratio Lower Upper
96 100
61 135.6 116.1 174.1
98 64.4 52.3 78.5



#22
Diisopropyl ether
Concen: 20.494 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

Tgt Ion: 45 Resp: 91265
Ion Ratio Lower Upper
45 100
43 58.5 46.2 69.2
87 24.2 18.6 28.0
59 10.4 8.9 13.3

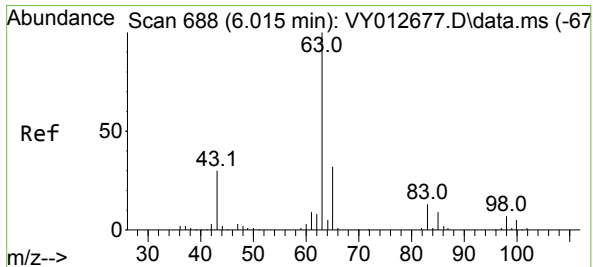
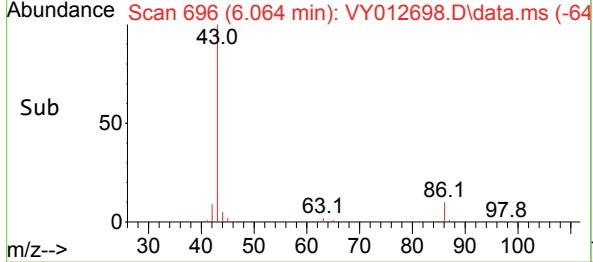
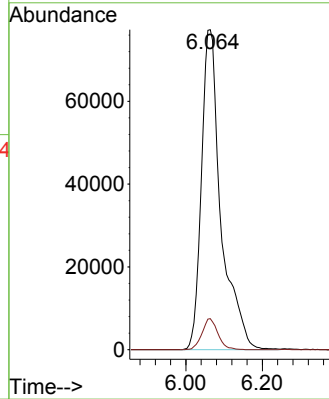
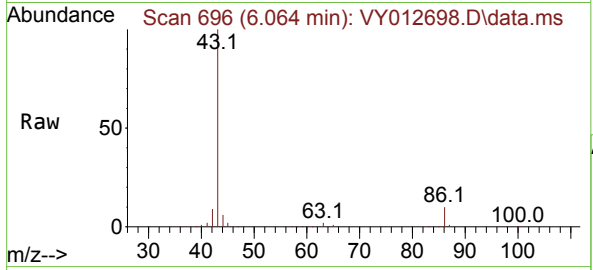




#23
 Vinyl Acetate
 Concen: 99.484 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY012698.D
 Acq: 23 Feb 2023 11:09

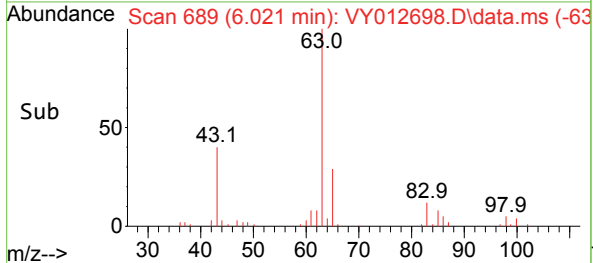
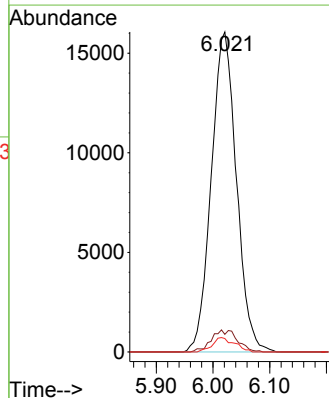
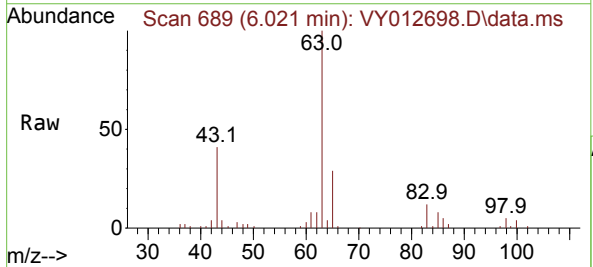
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0223SBS01

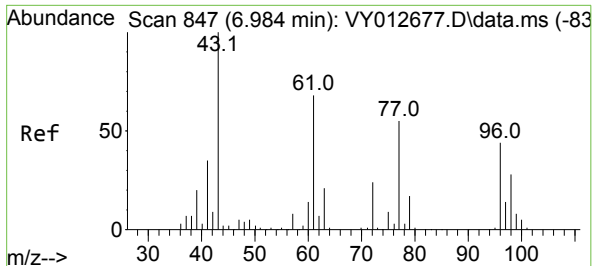
Tgt Ion: 43 Resp: 274392
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 20.032 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012698.D
 Acq: 23 Feb 2023 11:09

Tgt Ion: 63 Resp: 49468
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.4 10.1
 100 4.2 2.3 6.9





#25

2-Butanone

Concen: 99.270 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

Instrument :

MSVOA_Y

ClientSampleId :

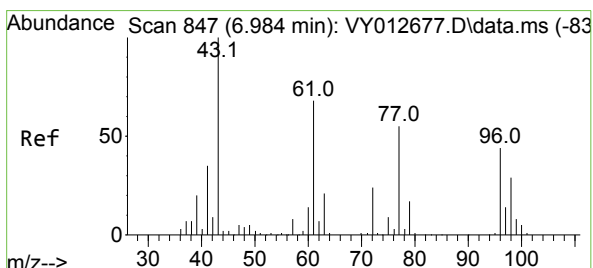
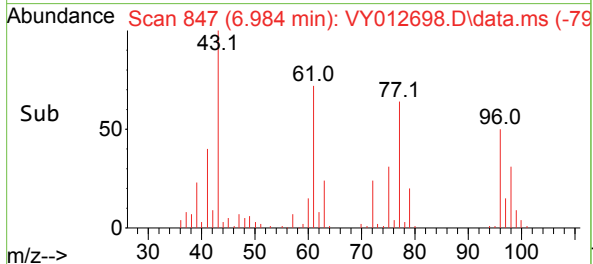
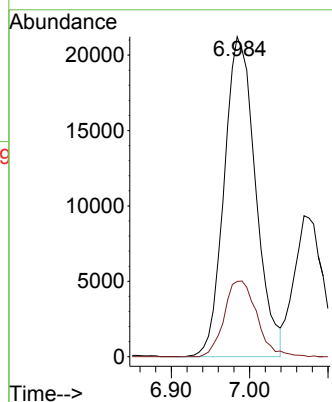
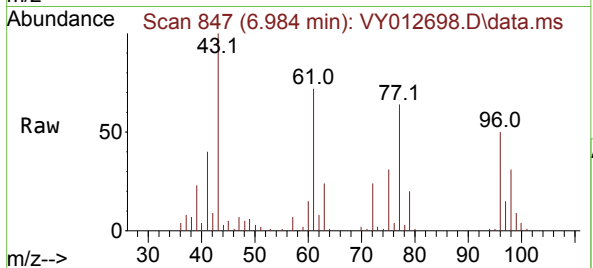
VY0223SBS01

Tgt Ion: 43 Resp: 59103

Ion Ratio Lower Upper

43 100

72 23.5 18.8 28.2



#26

2,2-Dichloropropane

Concen: 19.803 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012698.D

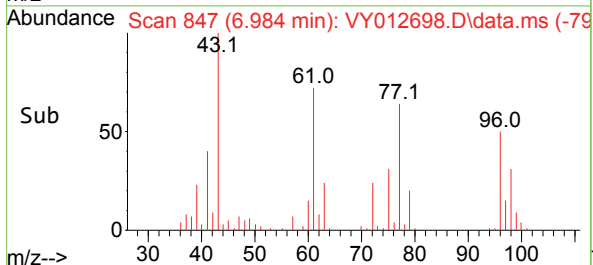
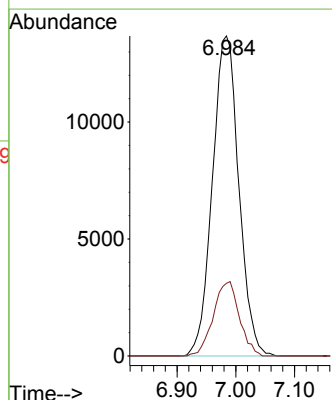
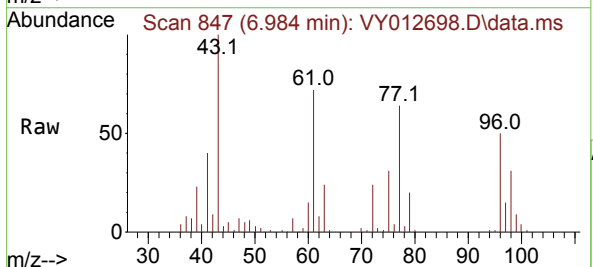
Acq: 23 Feb 2023 11:09

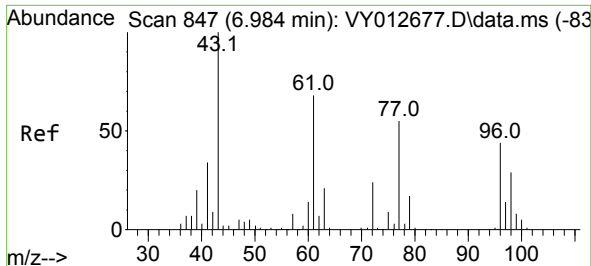
Tgt Ion: 77 Resp: 42658

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.1



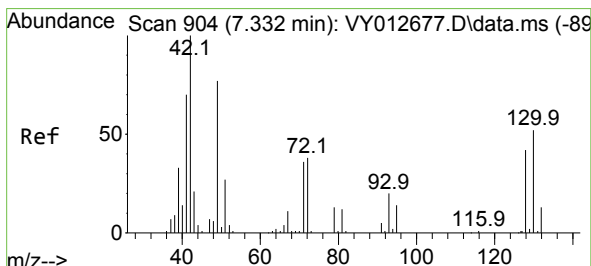
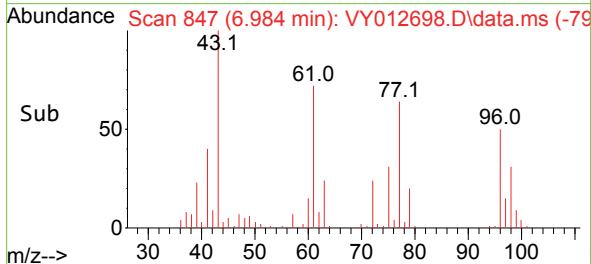
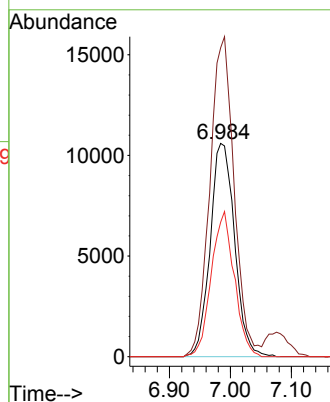
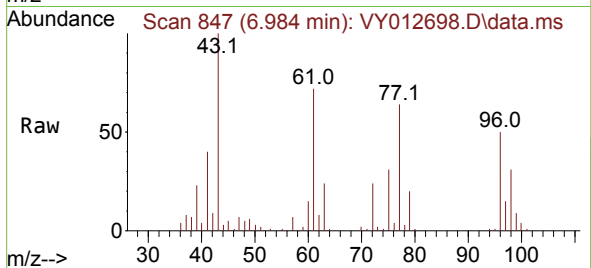


#27
 cis-1,2-Dichloroethene
 Concen: 20.183 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY012698.D
 Acq: 23 Feb 2023 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0223SBS01

Tgt Ion: 96 Resp: 29538

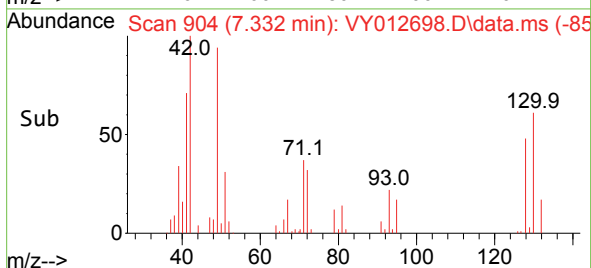
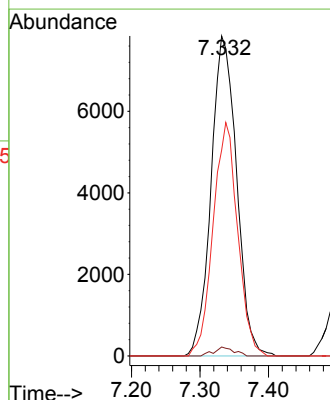
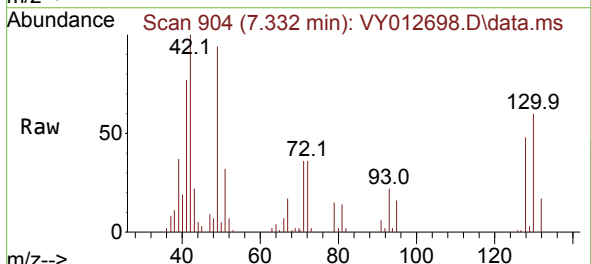
Ion	Ratio	Lower	Upper
96	100		
61	149.0	0.0	308.8
98	64.3	0.0	129.0

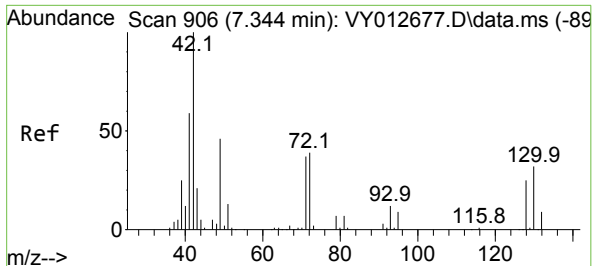


#28
 Bromochloromethane
 Concen: 20.545 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012698.D
 Acq: 23 Feb 2023 11:09

Tgt Ion: 49 Resp: 20316

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	70.0	54.3	81.5





#29

Tetrahydrofuran

Concen: 102.136 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBS01

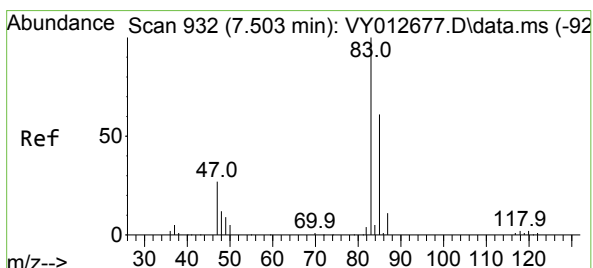
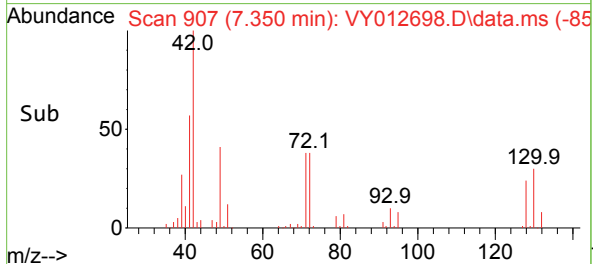
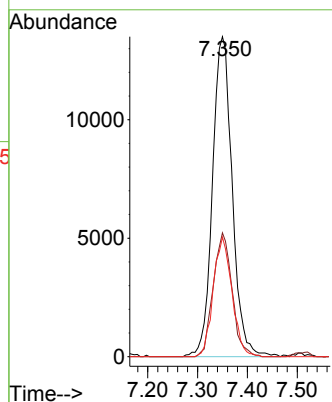
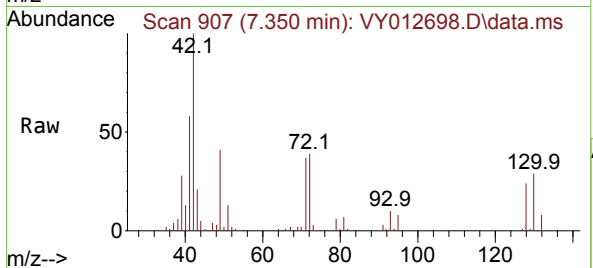
Tgt Ion: 42 Resp: 37125

Ion Ratio Lower Upper

42 100

72 37.0 30.6 45.8

71 35.4 28.6 42.8



#30

Chloroform

Concen: 20.311 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY012698.D

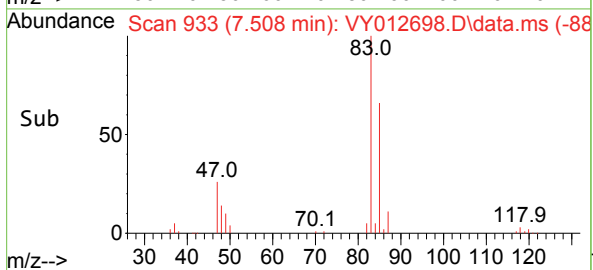
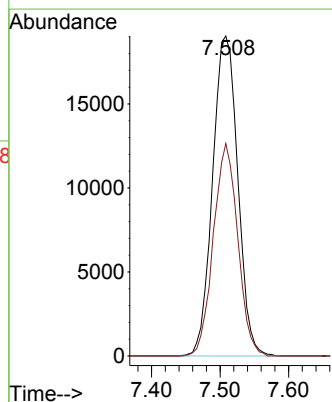
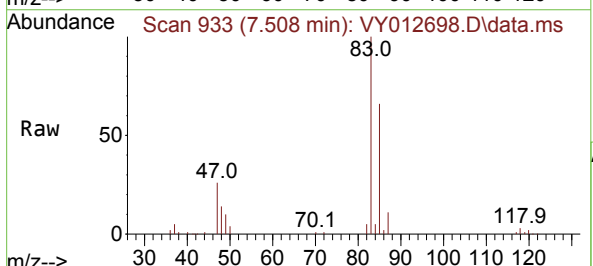
Acq: 23 Feb 2023 11:09

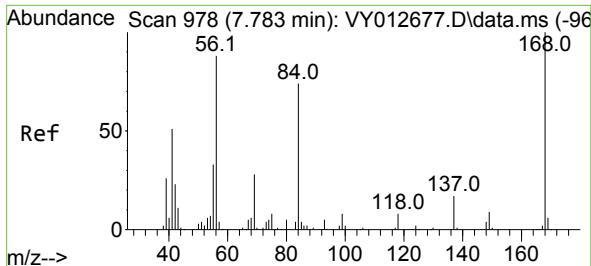
Tgt Ion: 83 Resp: 48598

Ion Ratio Lower Upper

83 100

85 66.4 48.9 73.3

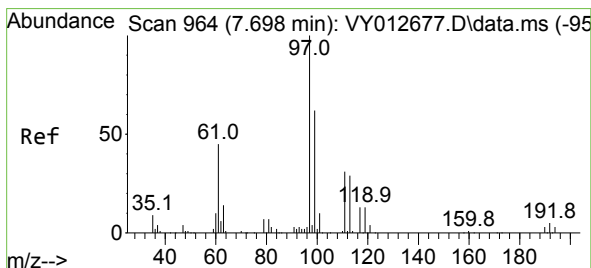
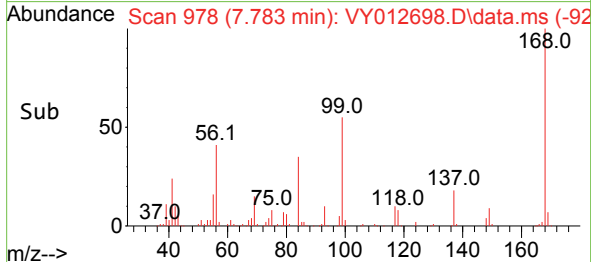
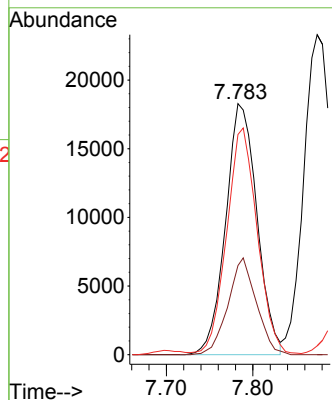
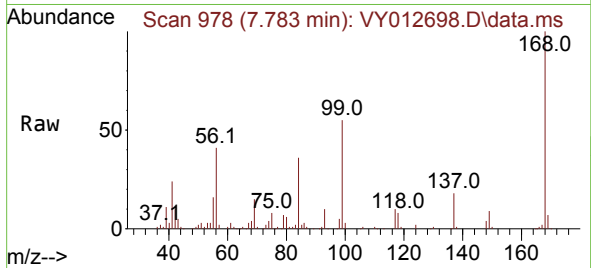




#31
Cyclohexane
Concen: 19.244 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

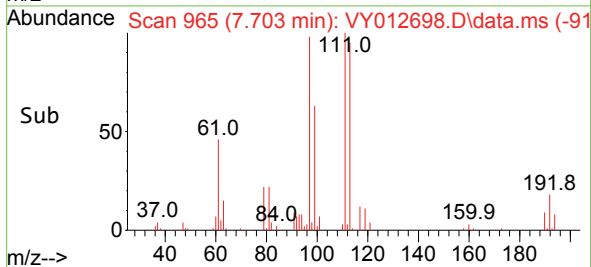
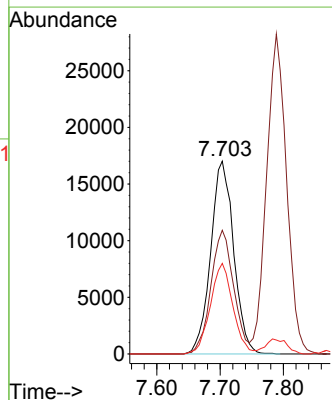
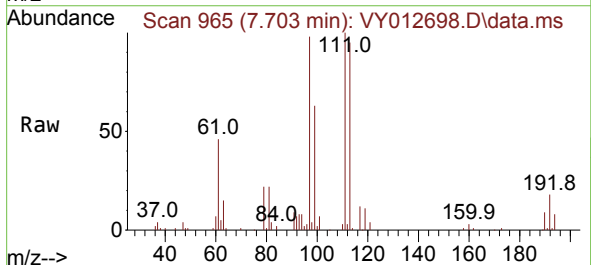
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

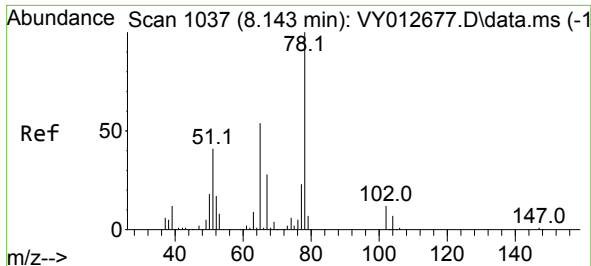
Tgt Ion: 56 Resp: 45961
Ion Ratio Lower Upper
56 100
69 35.5 25.4 38.2
84 86.4 67.3 100.9



#32
1,1,1-Trichloroethane
Concen: 19.822 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

Tgt Ion: 97 Resp: 42936
Ion Ratio Lower Upper
97 100
99 63.7 50.6 75.8
61 46.0 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 48.265 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

Instrument :

MSVOA_Y

ClientSampleId :

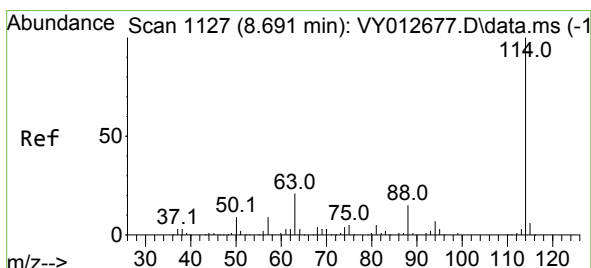
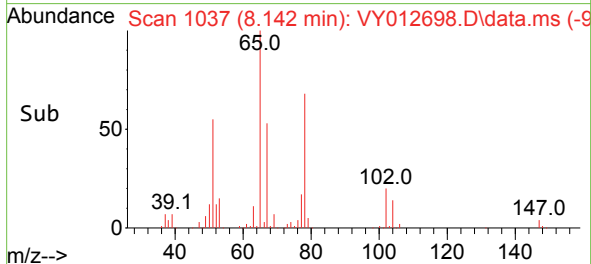
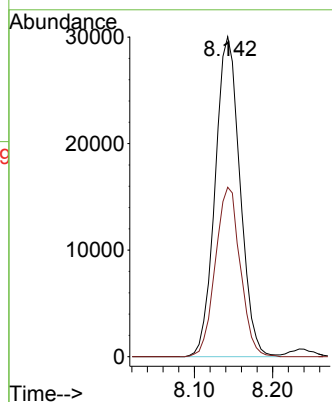
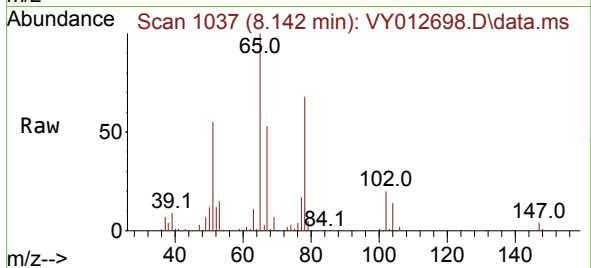
VY0223SBS01

Tgt Ion: 65 Resp: 66352

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

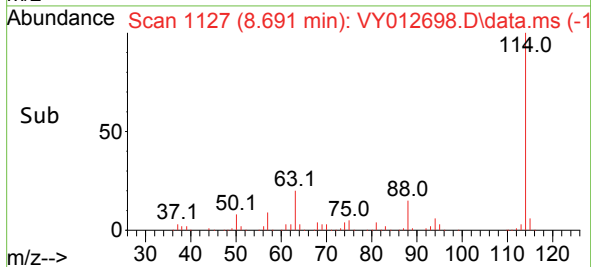
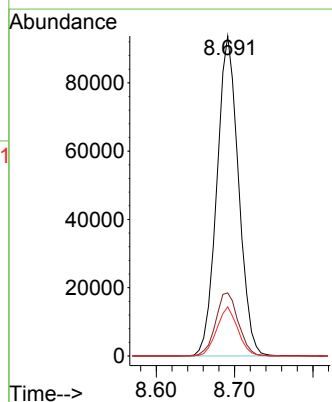
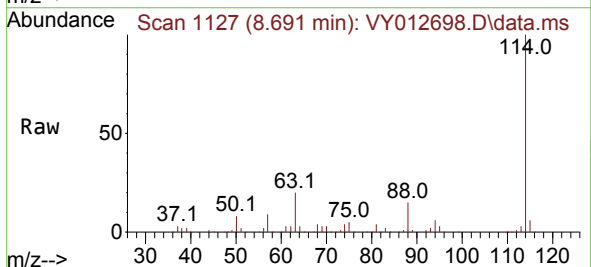
Tgt Ion: 114 Resp: 180027

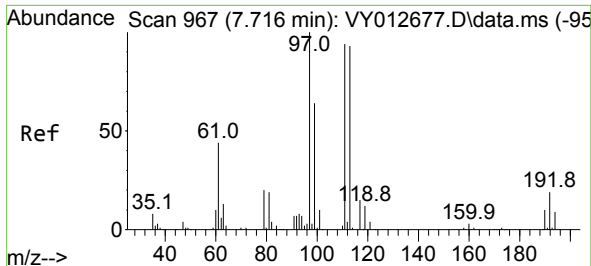
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.8

88 15.4 0.0 29.6

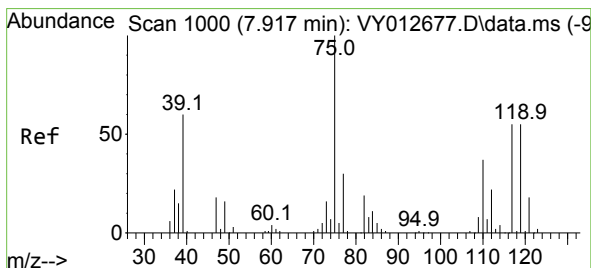
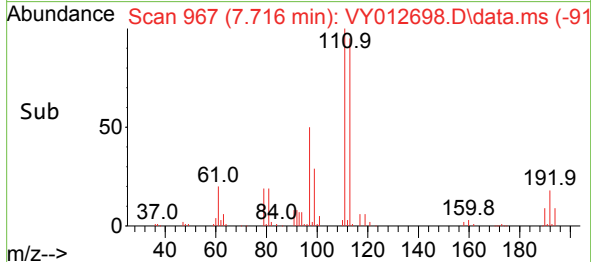
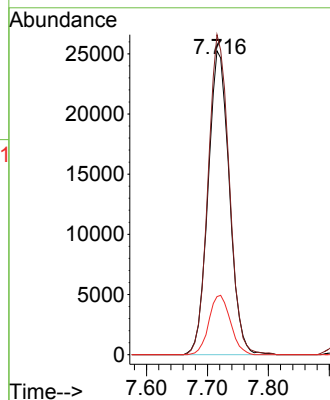
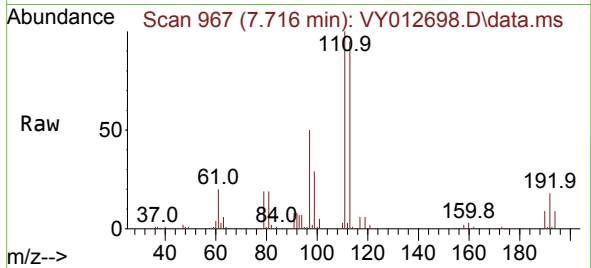




#35
 Dibromofluoromethane
 Concen: 50.351 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY012698.D
 Acq: 23 Feb 2023 11:09

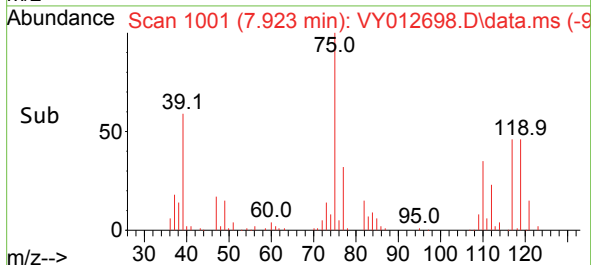
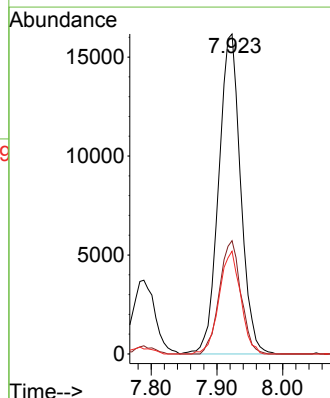
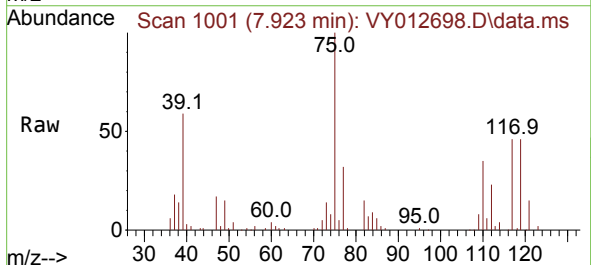
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0223SBS01

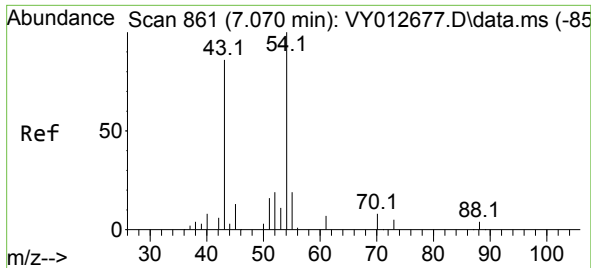
Tgt Ion:113 Resp: 61225
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.0 123.0
 192 19.8 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 19.484 ug/l
 RT: 7.923 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VY012698.D
 Acq: 23 Feb 2023 11:09

Tgt Ion: 75 Resp: 37554
 Ion Ratio Lower Upper
 75 100
 110 34.7 17.6 52.8
 77 31.6 24.6 37.0

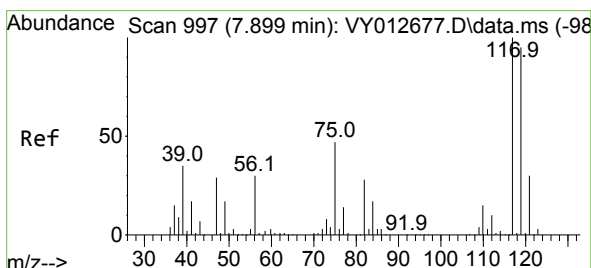
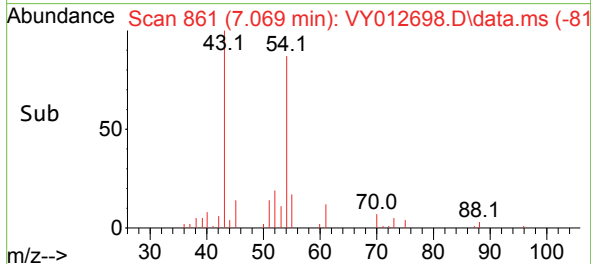
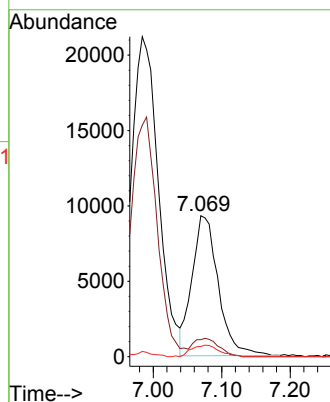
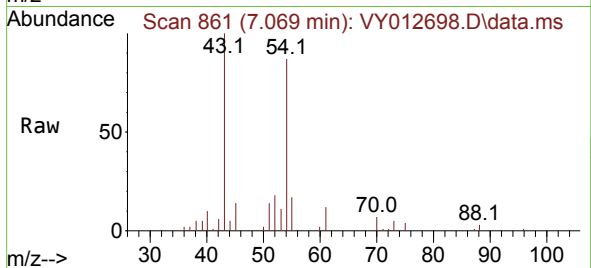




#37
Ethyl Acetate
Concen: 19.049 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.001 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

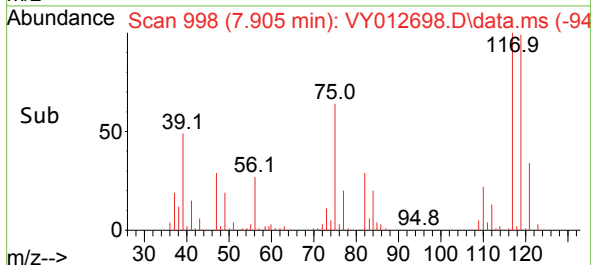
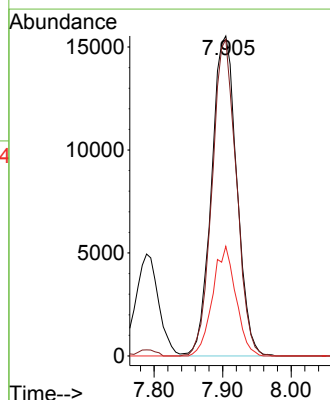
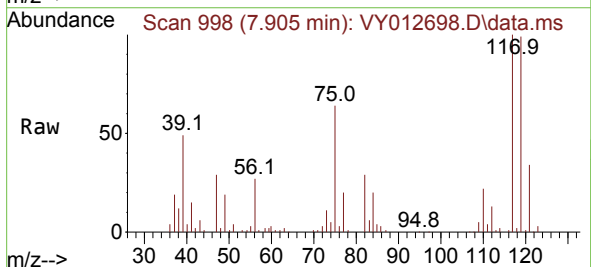
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

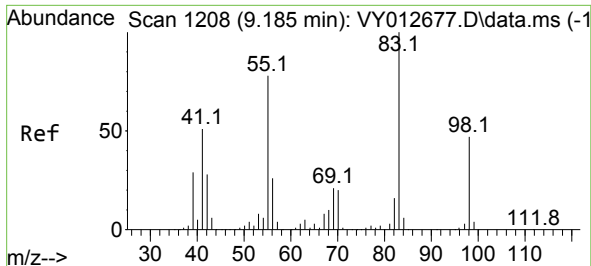
Tgt Ion:	43	Resp:	24774
Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.9	14.9
70	8.8	6.4	9.6



#38
Carbon Tetrachloride
Concen: 19.905 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

Tgt Ion:	117	Resp:	39669
Ion	Ratio	Lower	Upper
117	100		
119	98.9	75.5	113.3
121	34.2	23.8	35.8





#39

Methylcyclohexane

Concen: 19.776 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBS01

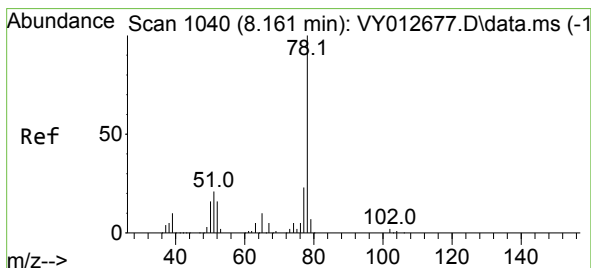
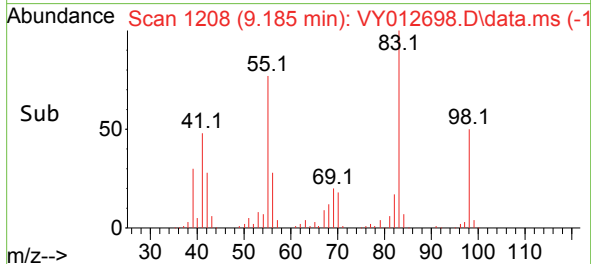
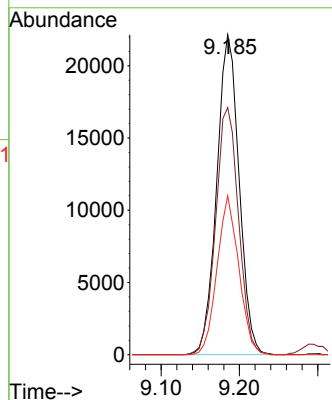
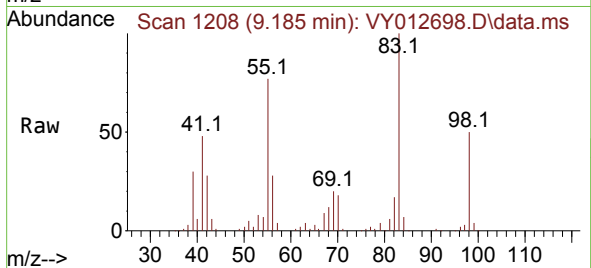
Tgt Ion: 83 Resp: 43969

Ion Ratio Lower Upper

83 100

55 77.2 62.5 93.7

98 49.7 37.8 56.6



#40

Benzene

Concen: 20.352 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012698.D

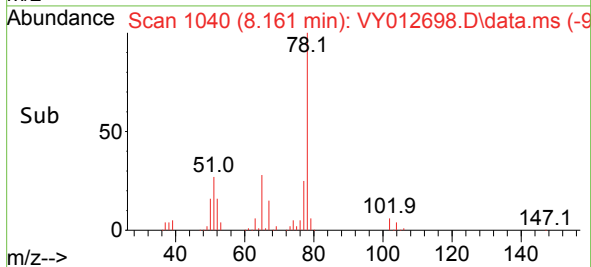
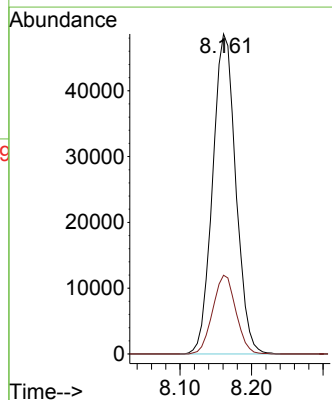
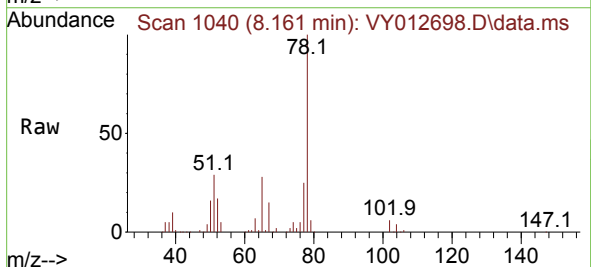
Acq: 23 Feb 2023 11:09

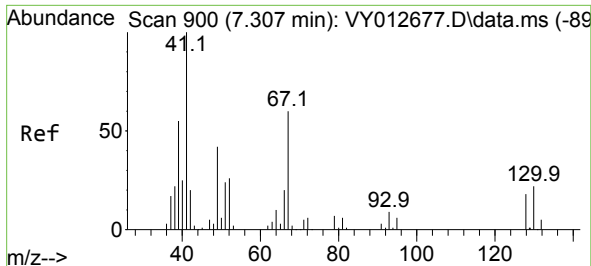
Tgt Ion: 78 Resp: 109497

Ion Ratio Lower Upper

78 100

77 24.6 18.5 27.7

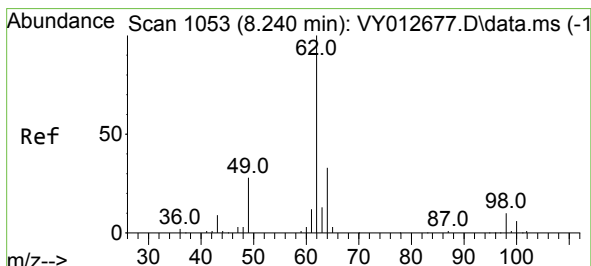
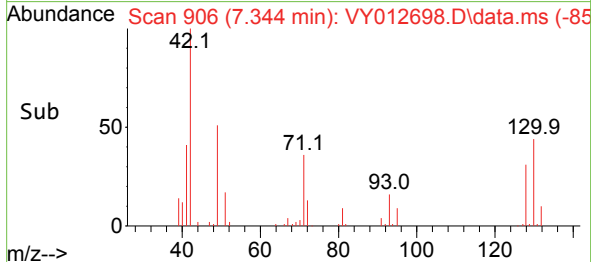
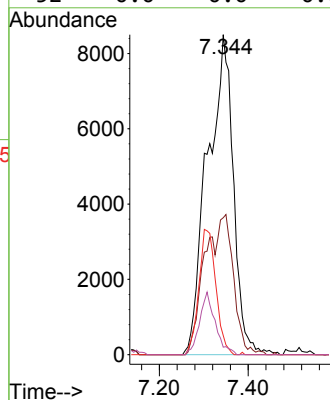
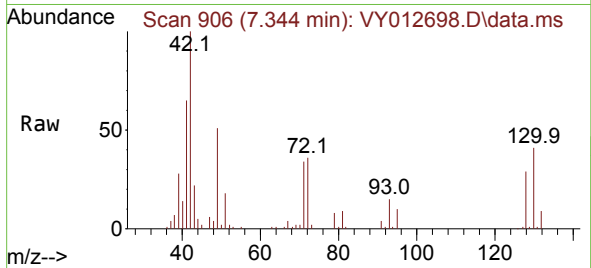




#41
Methacrylonitrile
Concen: 54.266 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

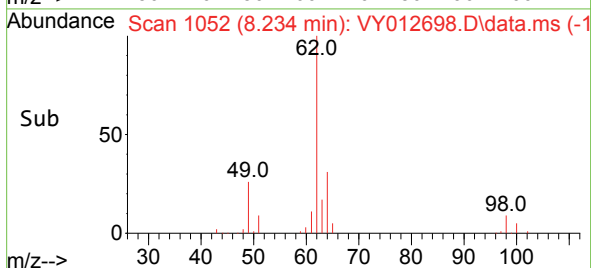
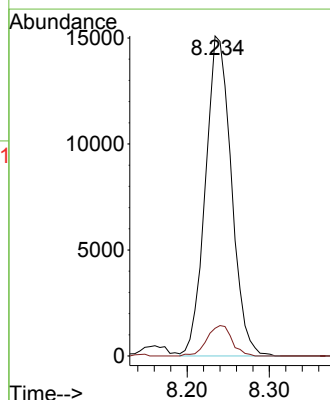
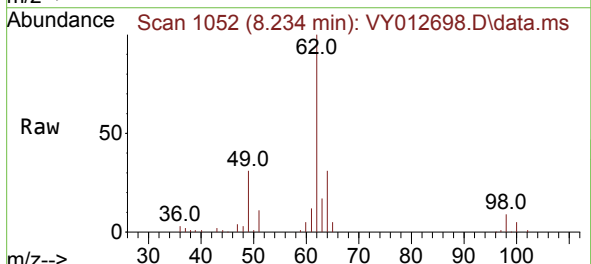
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

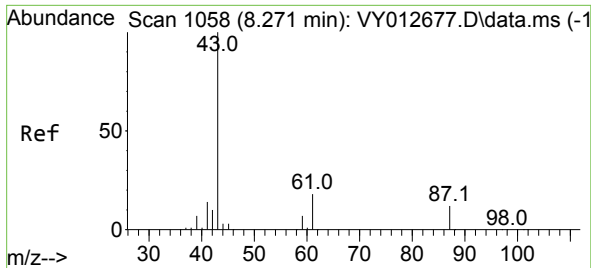
Tgt Ion: 41 Resp: 34373
Ion Ratio Lower Upper
41 100
39 27.1 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 19.835 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

Tgt Ion: 62 Resp: 33090
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.8

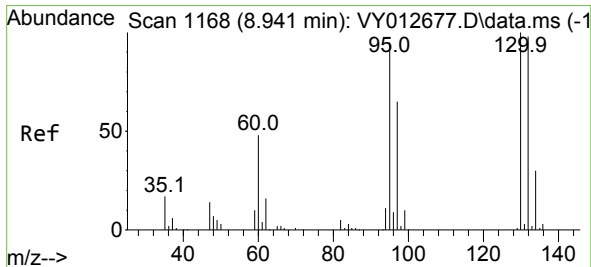
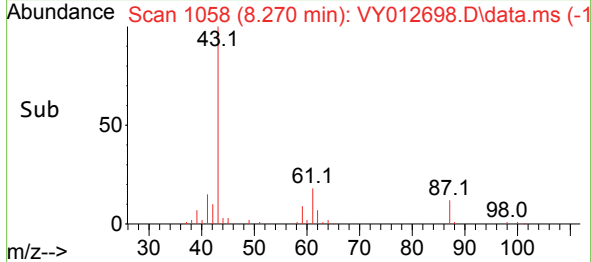
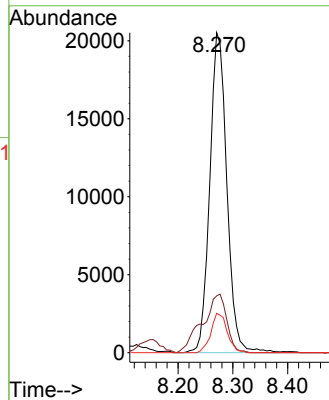
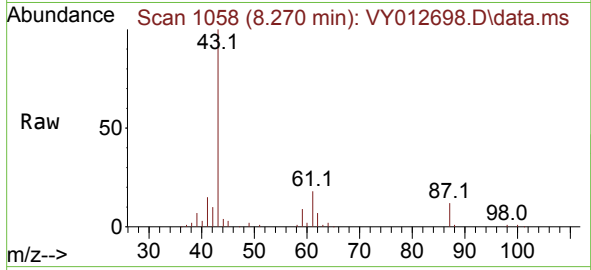




#43
Isopropyl Acetate
Concen: 19.687 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

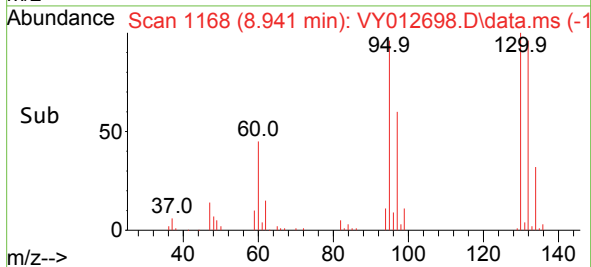
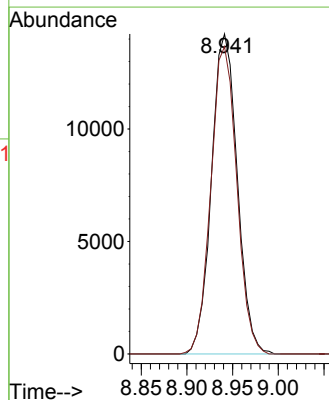
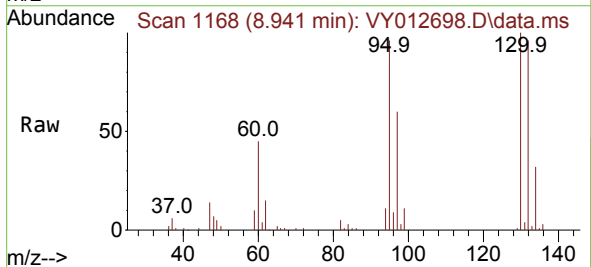
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

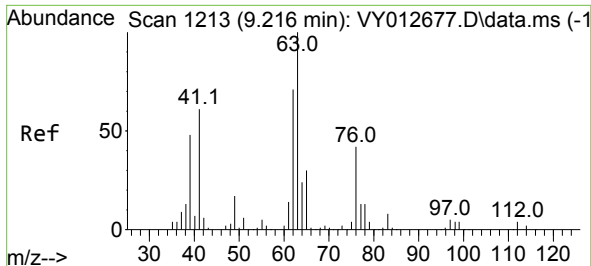
Tgt Ion:	43	Resp:	44245
Ion	Ratio	Lower	Upper
43	100		
61	26.2	20.5	30.7
87	11.8	9.2	13.8



#44
Trichloroethene
Concen: 20.088 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

Tgt Ion:	130	Resp:	27942
Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	190.6





#45

1,2-Dichloropropane

Concen: 20.341 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.001 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

Instrument :

MSVOA_Y

ClientSampleId :

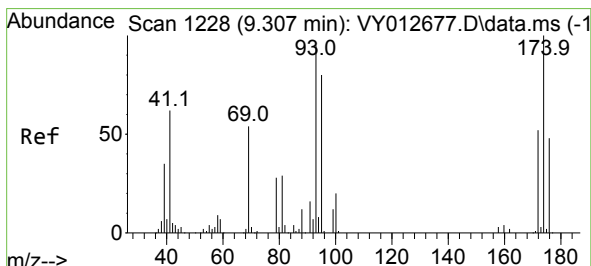
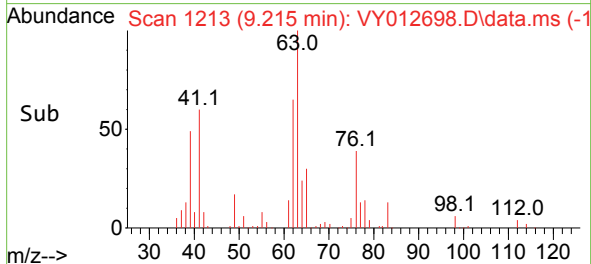
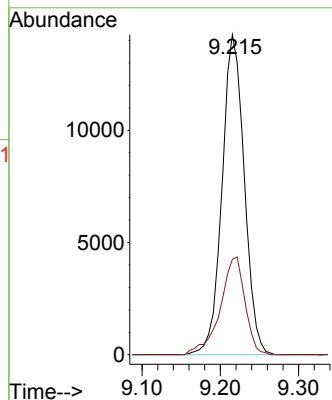
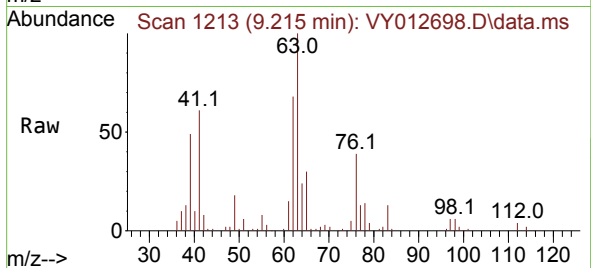
VY0223SBS01

Tgt Ion: 63 Resp: 28150

Ion Ratio Lower Upper

63 100

65 29.8 23.9 35.9



#46

Dibromomethane

Concen: 20.461 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

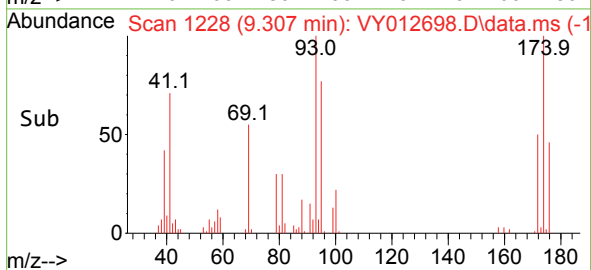
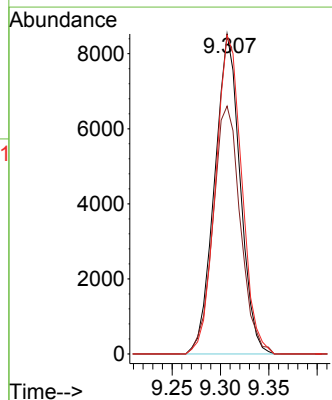
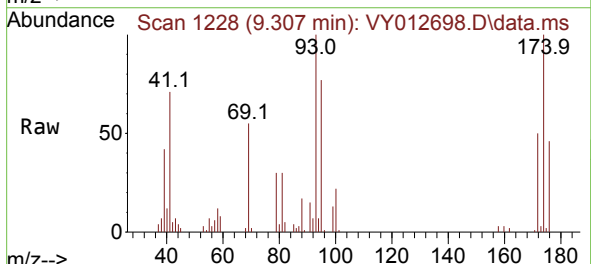
Tgt Ion: 93 Resp: 15631

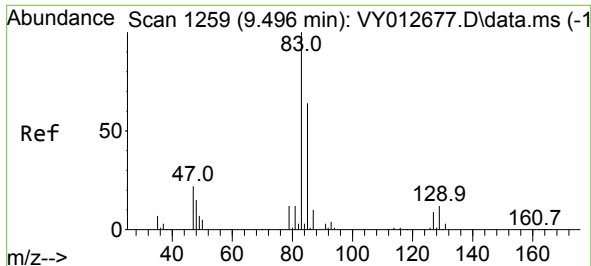
Ion Ratio Lower Upper

93 100

95 82.7 66.6 99.8

174 101.8 79.8 119.6

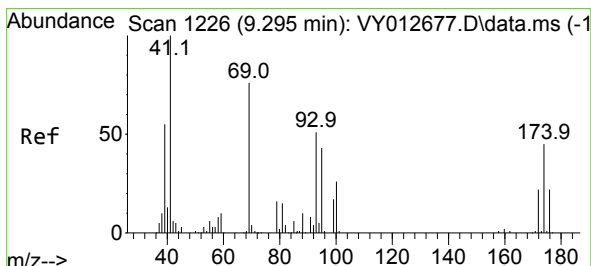
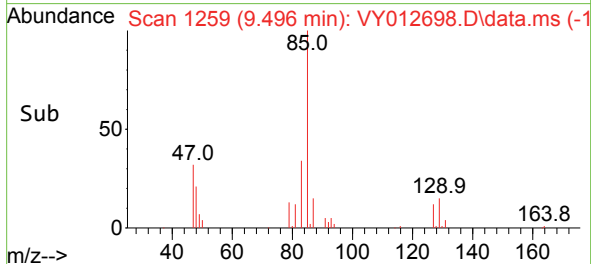
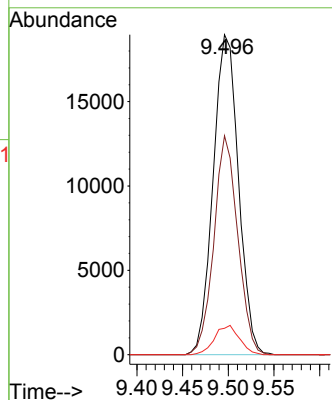
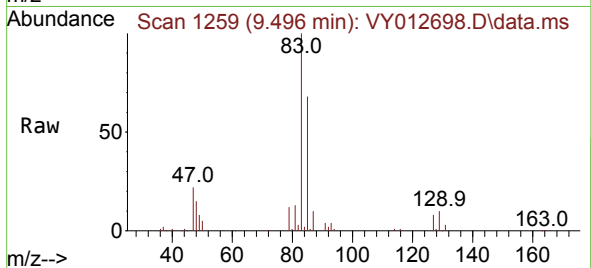




#47
Bromodichloromethane
Concen: 19.856 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

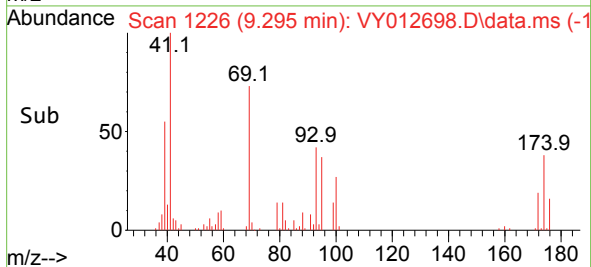
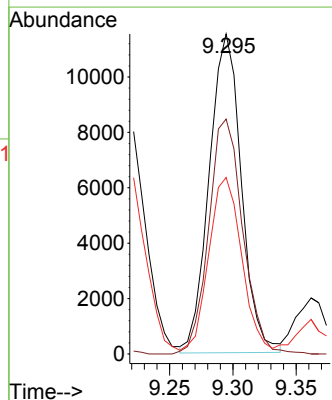
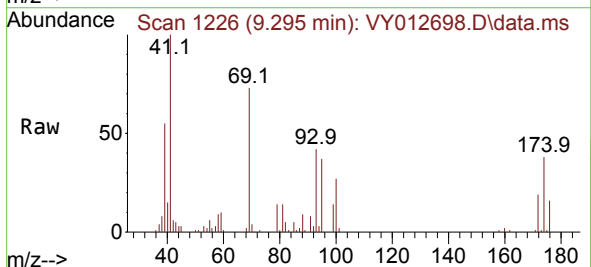
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

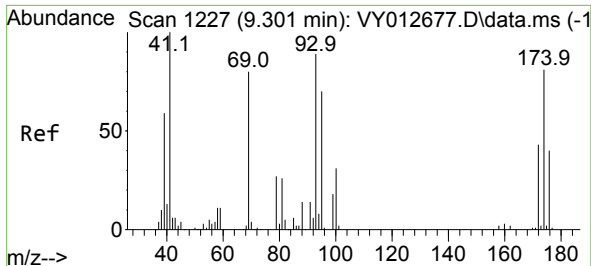
Tgt Ion: 83 Resp: 36517
Ion Ratio Lower Upper
83 100
85 68.4 50.9 76.3
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 19.420 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

Tgt Ion: 41 Resp: 20366
Ion Ratio Lower Upper
41 100
69 78.0 62.6 93.8
39 55.0 45.1 67.7





#49

1,4-Dioxane

Concen: 365.816 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBS01

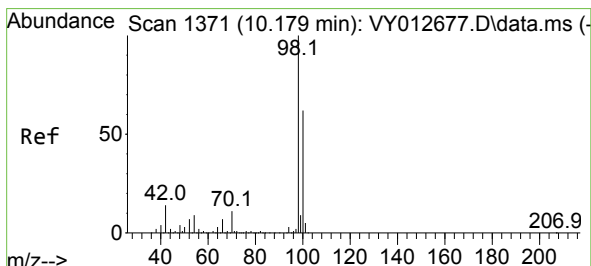
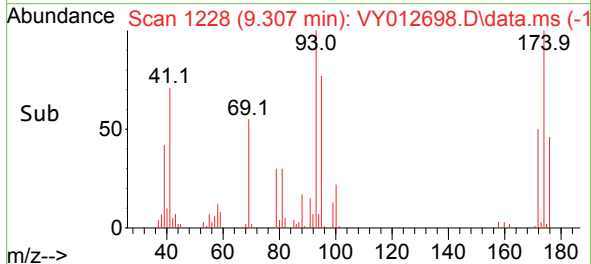
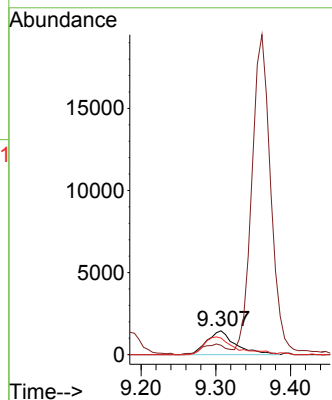
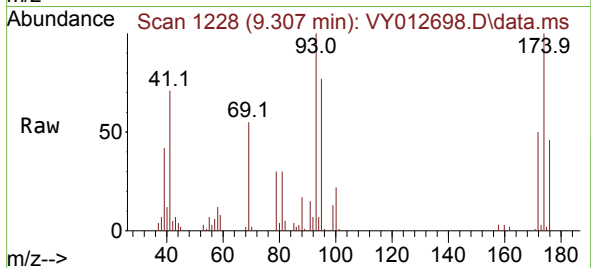
Tgt Ion: 88 Resp: 3884

Ion Ratio Lower Upper

88 100

43 40.1 23.1 34.7#

58 79.9 45.8 68.8#



#50

Toluene-d8

Concen: 50.777 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012698.D

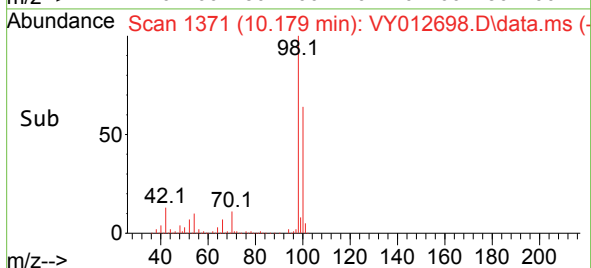
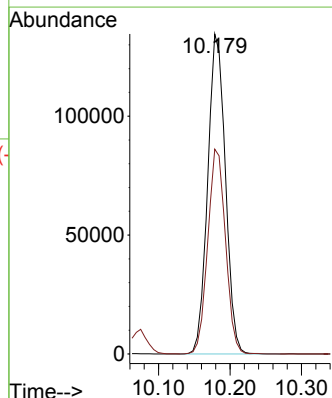
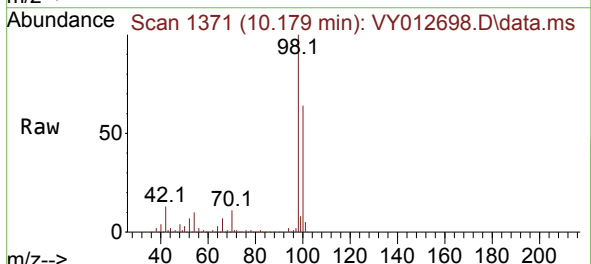
Acq: 23 Feb 2023 11:09

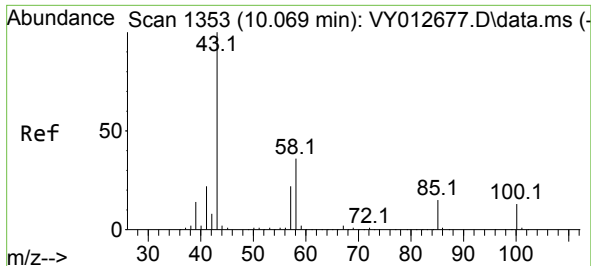
Tgt Ion: 98 Resp: 231314

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8

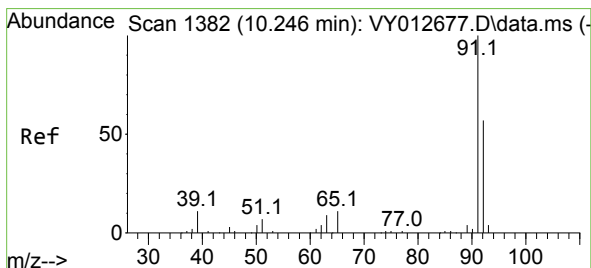
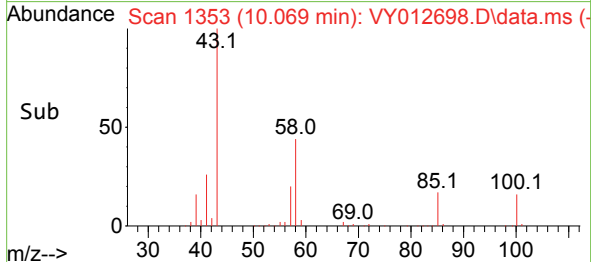
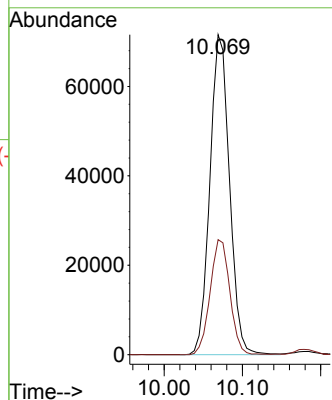
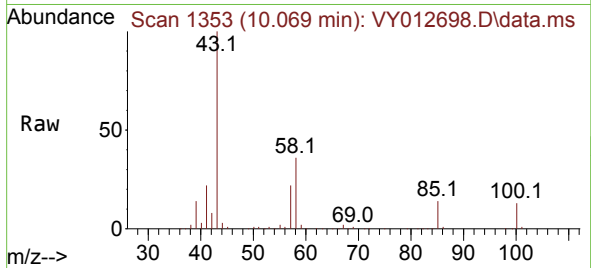




#51
4-Methyl-2-Pentanone
Concen: 102.514 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

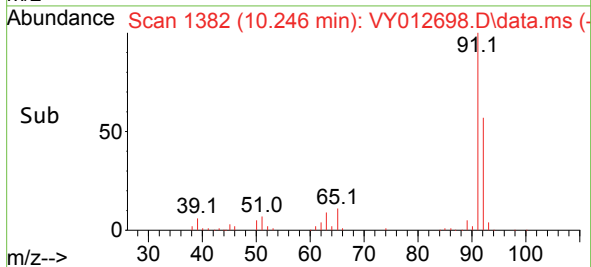
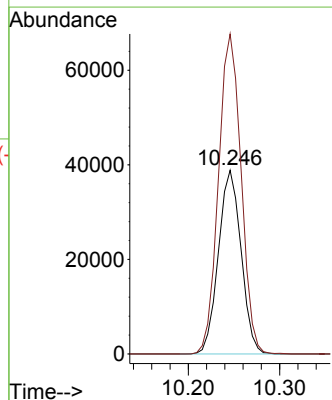
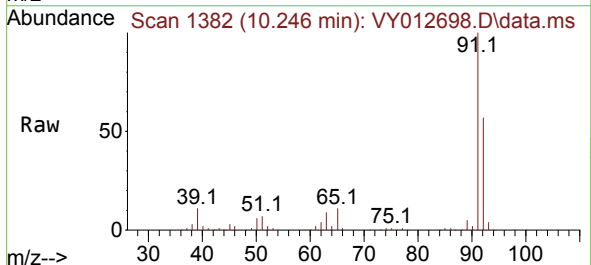
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

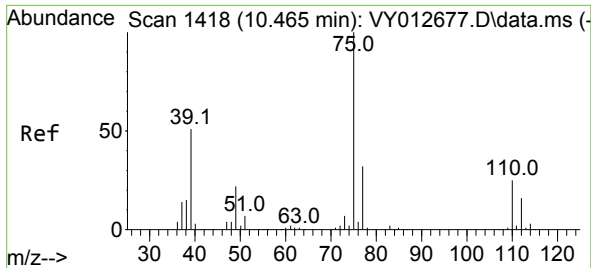
Tgt Ion: 43 Resp: 124279
Ion Ratio Lower Upper
43 100
58 36.2 28.8 43.2



#52
Toluene
Concen: 20.994 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

Tgt Ion: 92 Resp: 66922
Ion Ratio Lower Upper
92 100
91 174.2 139.5 209.3

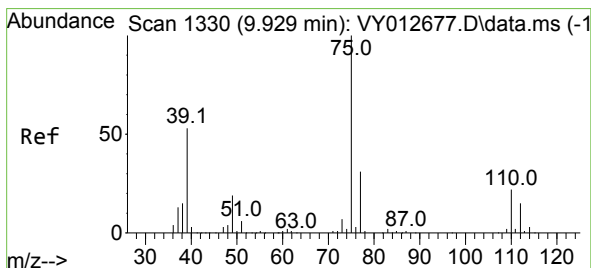
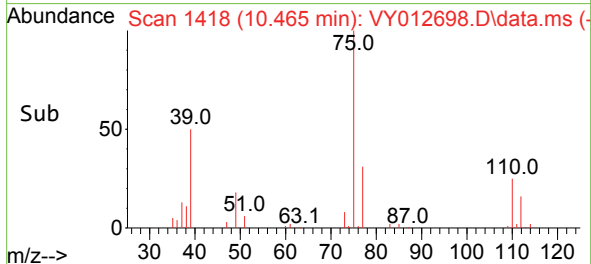
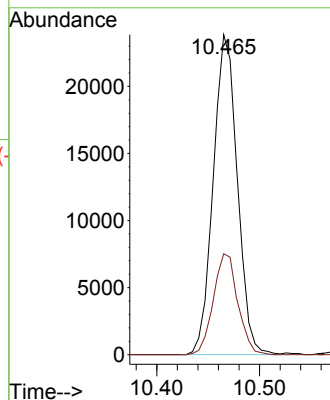
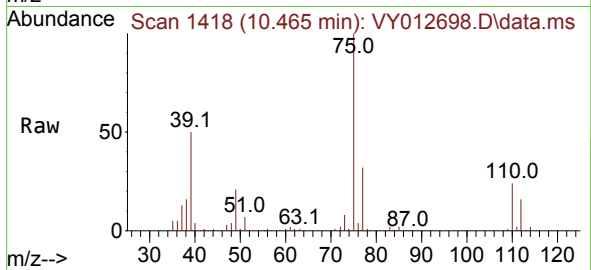




#53
 t-1,3-Dichloropropene
 Concen: 20.173 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY012698.D
 Acq: 23 Feb 2023 11:09

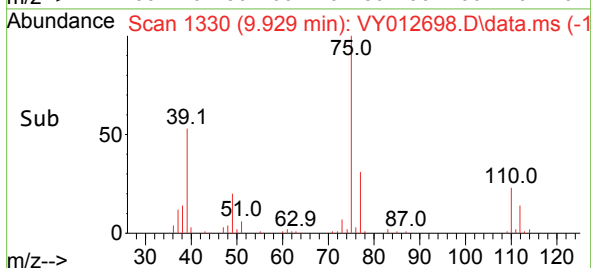
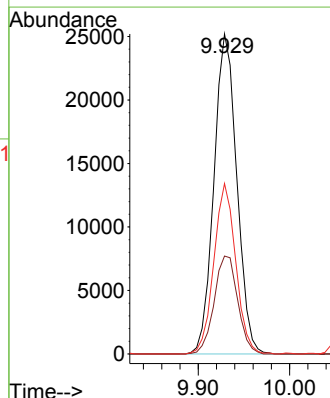
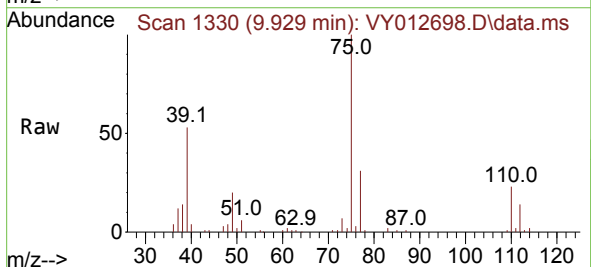
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0223SBS01

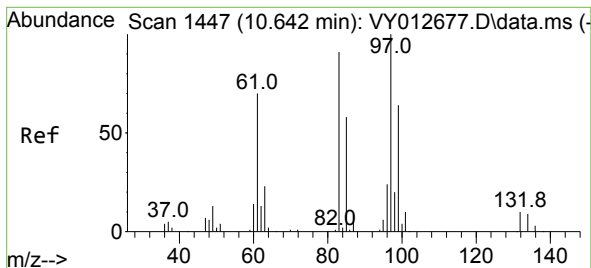
Tgt Ion: 75 Resp: 38769
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.123 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY012698.D
 Acq: 23 Feb 2023 11:09

Tgt Ion: 75 Resp: 43759
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.9 37.3
 39 53.3 42.7 64.1





#55

1,1,2-Trichloroethane

Concen: 21.073 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBS01

Tgt Ion: 97 Resp: 21866

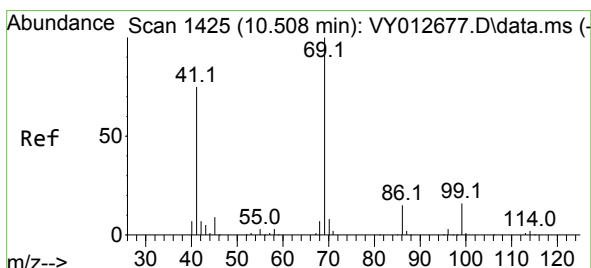
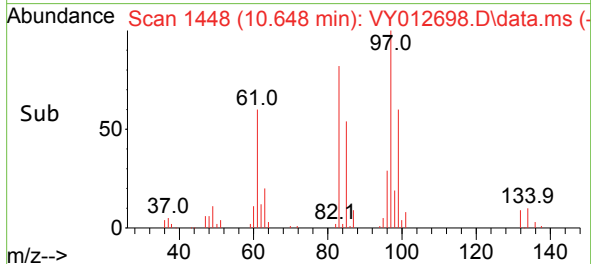
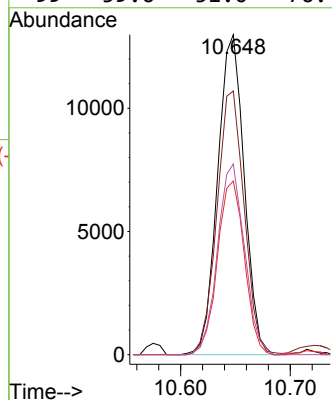
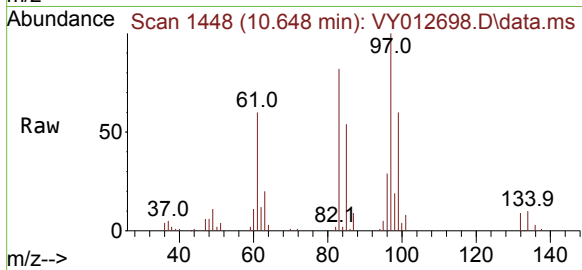
Ion Ratio Lower Upper

97 100

83 82.4 73.1 109.7

85 54.2 46.1 69.1

99 59.6 51.0 76.4



#56

Ethyl methacrylate

Concen: 20.285 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

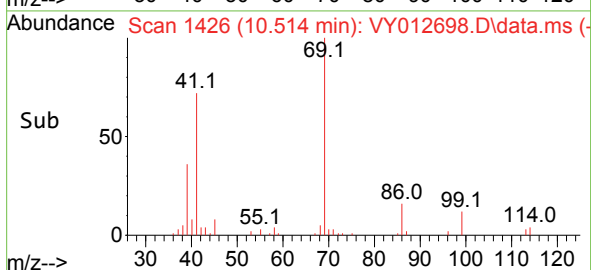
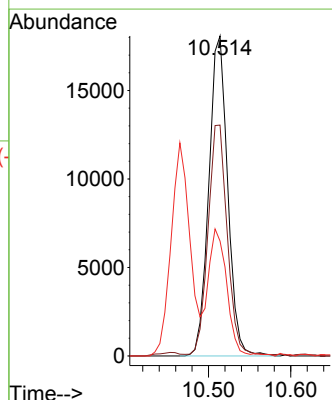
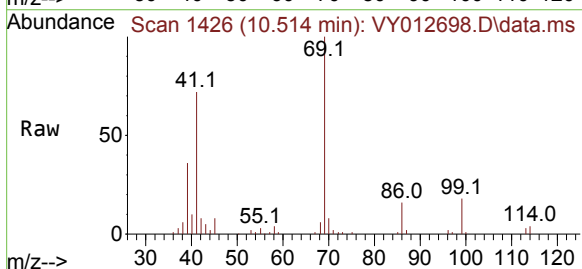
Tgt Ion: 69 Resp: 28745

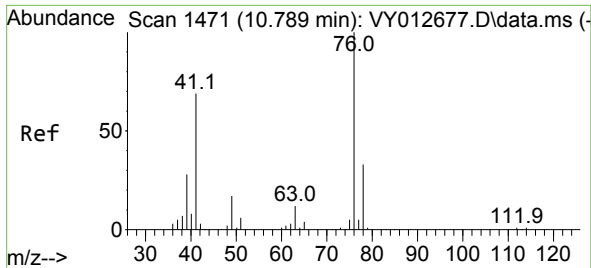
Ion Ratio Lower Upper

69 100

41 72.5 60.2 90.4

39 39.4 32.4 48.6

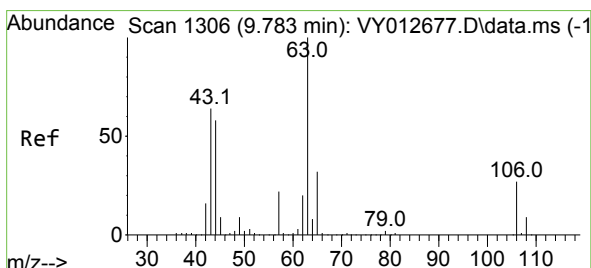
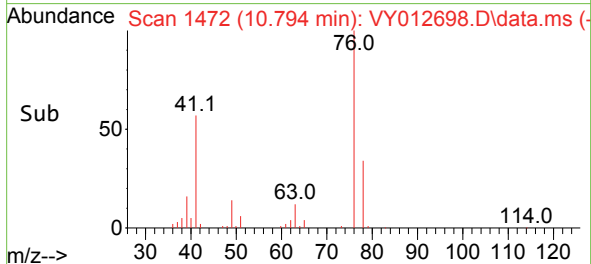
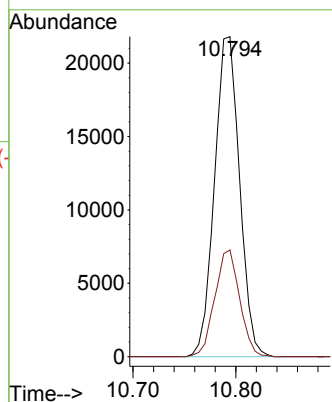
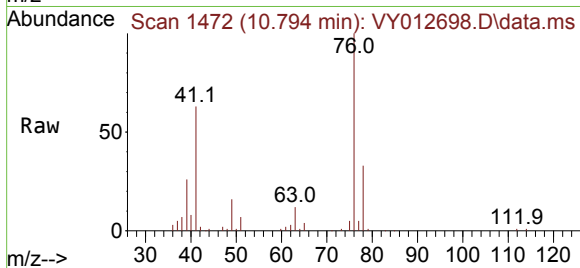




#57
1,3-Dichloropropane
Concen: 20.218 ug/l
RT: 10.794 min Scan# 1471
Delta R.T. 0.005 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

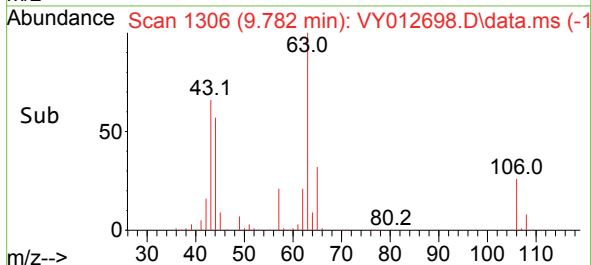
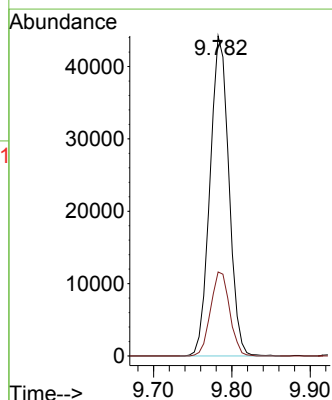
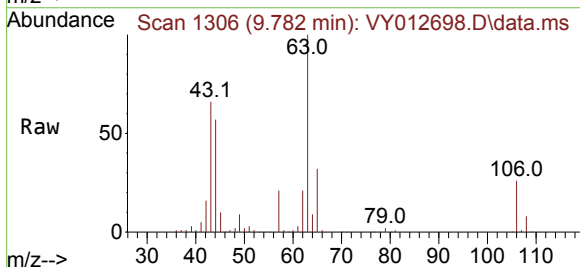
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

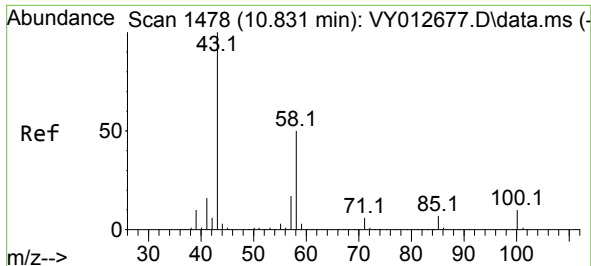
Tgt Ion: 76 Resp: 36872
Ion Ratio Lower Upper
76 100
78 33.1 25.7 38.5



#58
2-Chloroethyl Vinyl ether
Concen: 95.727 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.001 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

Tgt Ion: 63 Resp: 73967
Ion Ratio Lower Upper
63 100
106 26.4 21.0 31.6

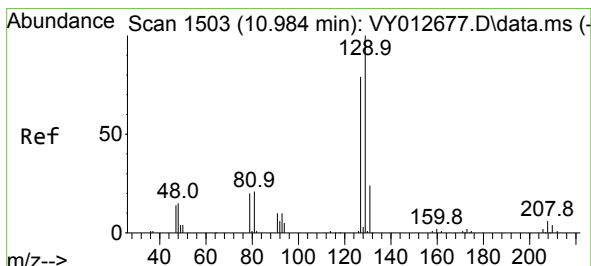
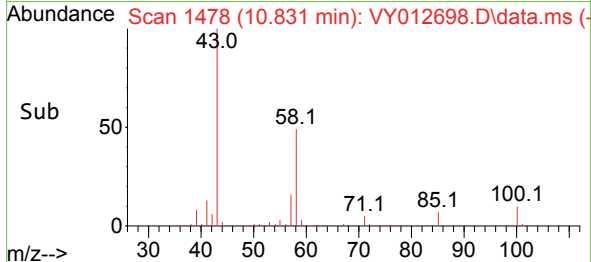
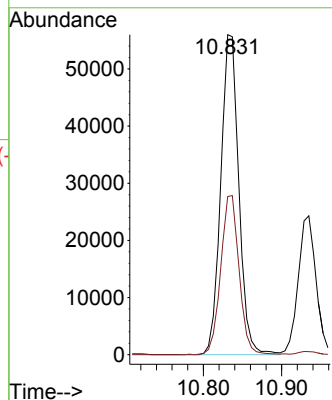
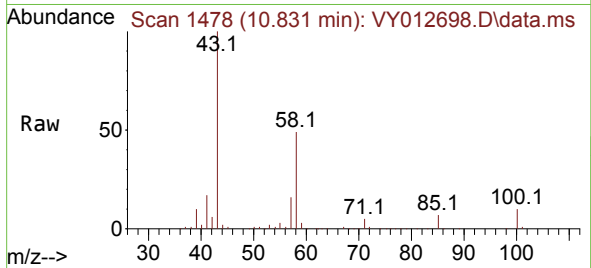




#59
2-Hexanone
Concen: 104.489 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

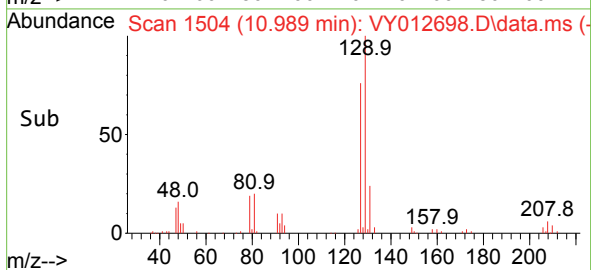
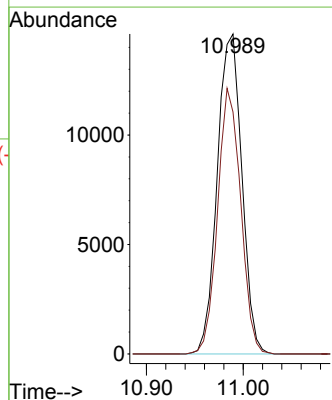
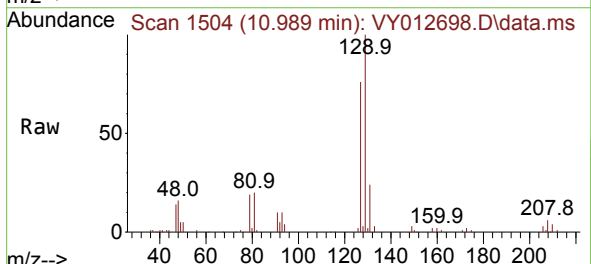
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

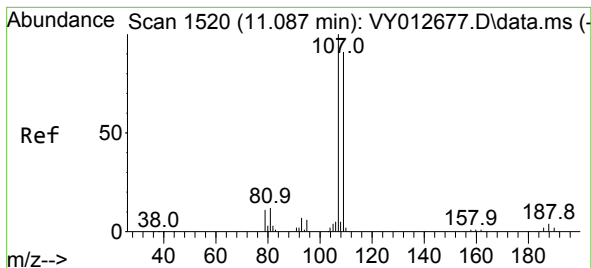
Tgt Ion: 43 Resp: 89800
Ion Ratio Lower Upper
43 100
58 50.6 24.9 74.6



#60
Dibromochloromethane
Concen: 20.518 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.005 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

Tgt Ion: 129 Resp: 25793
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.3

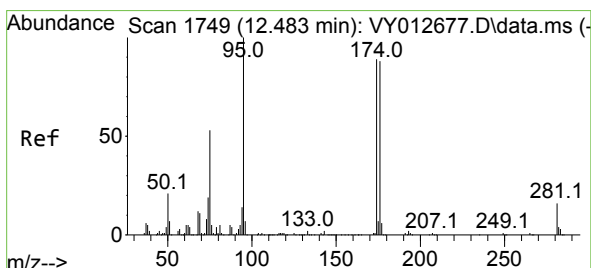
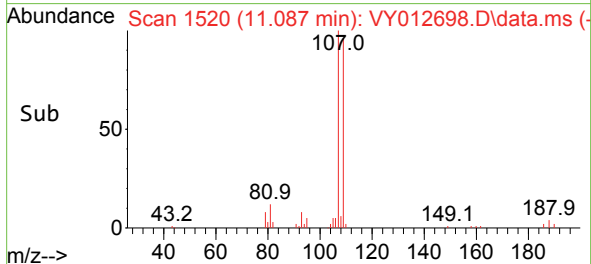
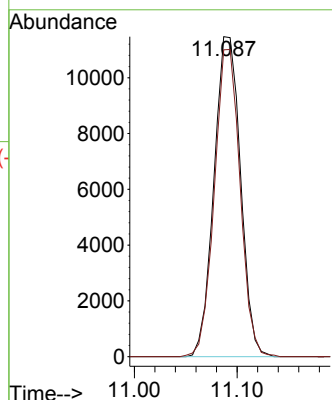
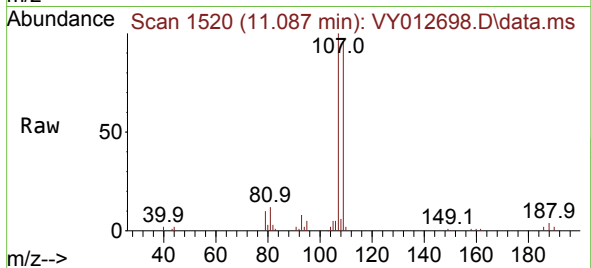




#61
1,2-Dibromoethane
Concen: 20.647 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

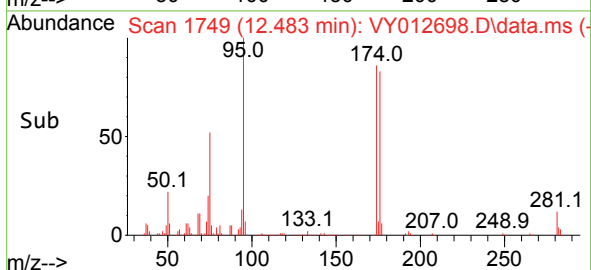
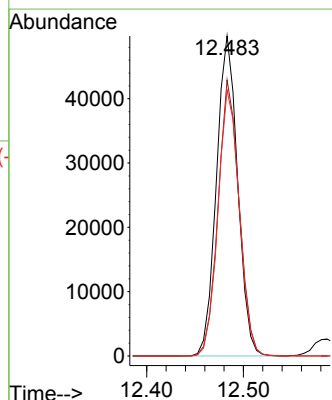
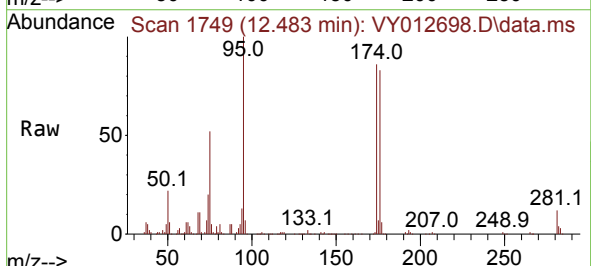
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

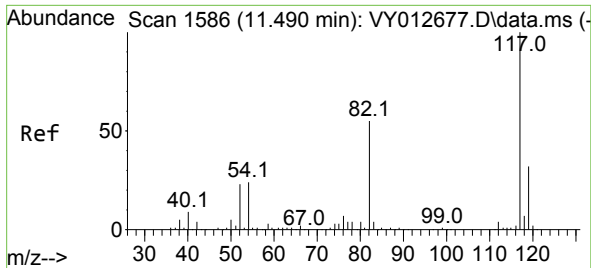
Tgt Ion:107 Resp: 20525
Ion Ratio Lower Upper
107 100
109 93.3 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 51.822 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

Tgt Ion: 95 Resp: 75546
Ion Ratio Lower Upper
95 100
174 85.6 0.0 172.8
176 83.6 0.0 169.4

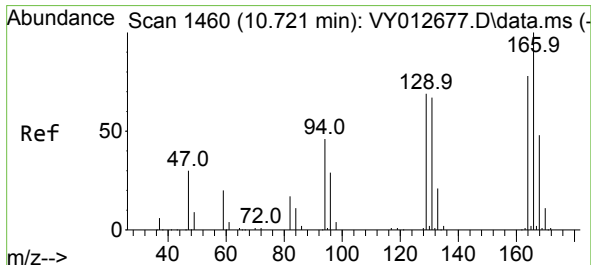
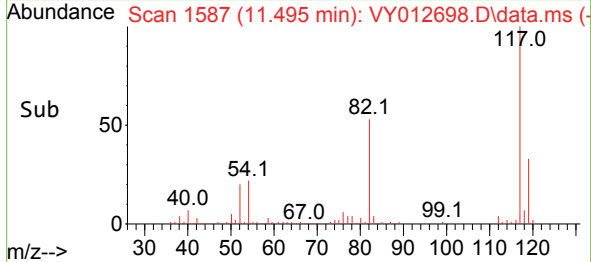
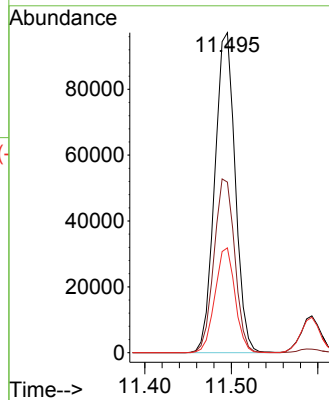
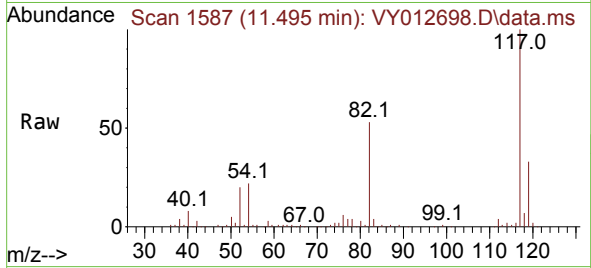




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

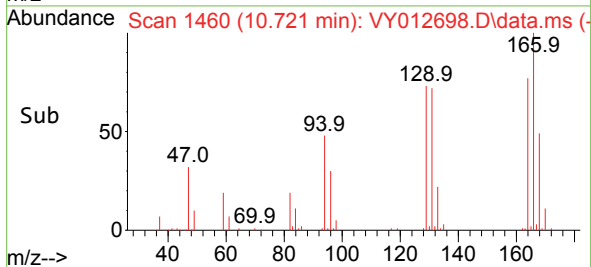
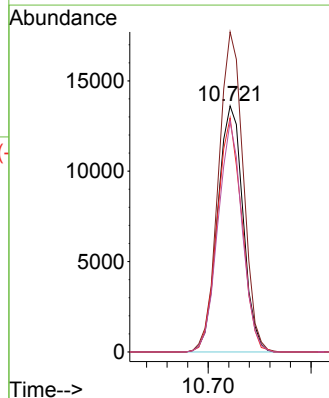
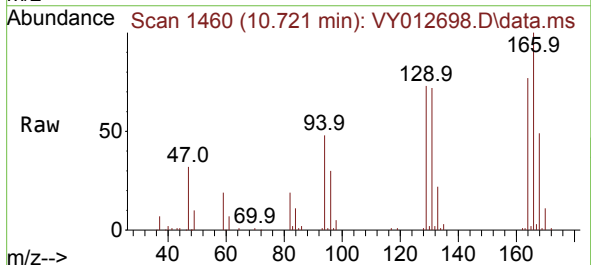
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

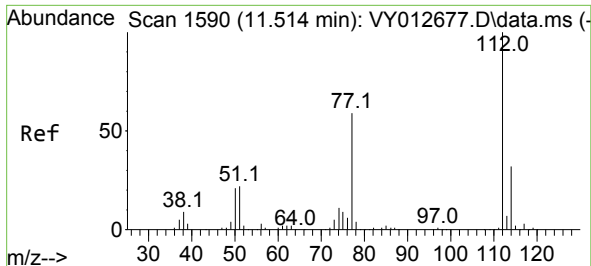
Tgt Ion:117 Resp: 159524
Ion Ratio Lower Upper
117 100
82 53.3 44.1 66.1
119 32.8 25.5 38.3



#64
Tetrachloroethene
Concen: 20.079 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

Tgt Ion:164 Resp: 23295
Ion Ratio Lower Upper
164 100
166 130.0 102.2 153.4
129 95.1 71.0 106.6
131 93.6 68.4 102.6

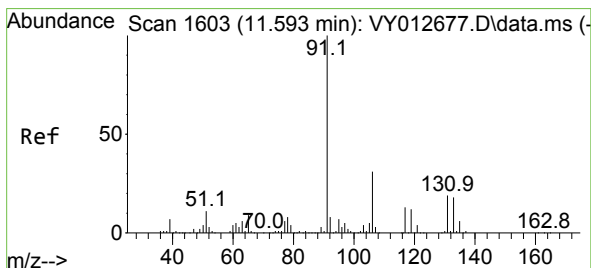
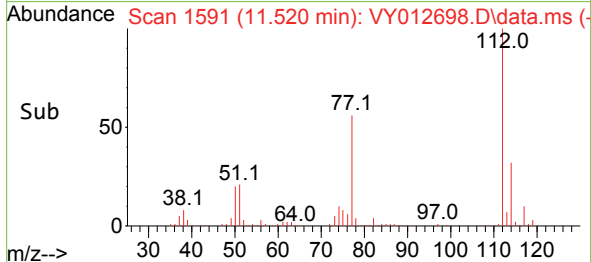
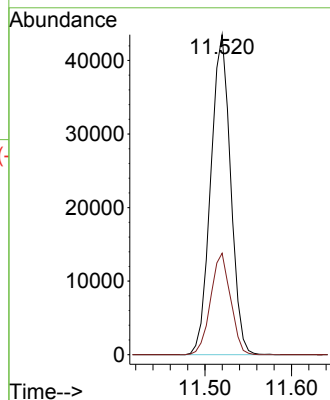
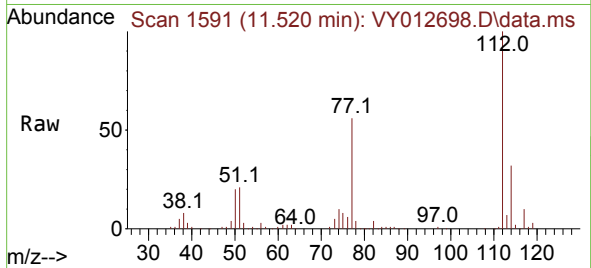




#65
Chlorobenzene
Concen: 20.249 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

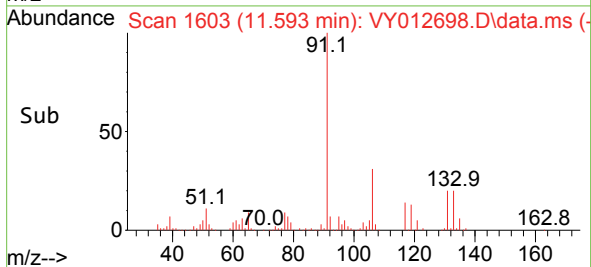
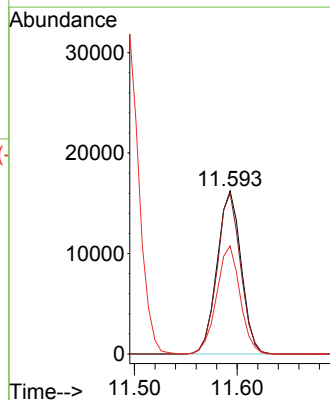
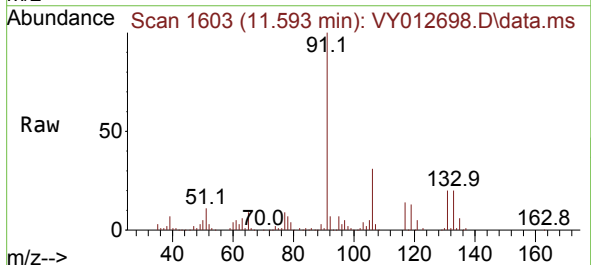
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

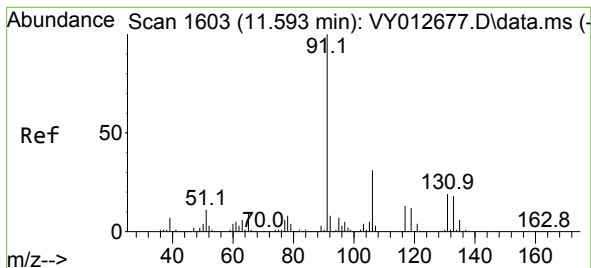
Tgt Ion:112 Resp: 69270
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.707 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

Tgt Ion:131 Resp: 26251
Ion Ratio Lower Upper
131 100
133 96.3 47.1 141.3
119 64.9 32.4 97.2





#67

Ethyl Benzene

Concen: 20.295 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

Instrument :

MSVOA_Y

ClientSampleId :

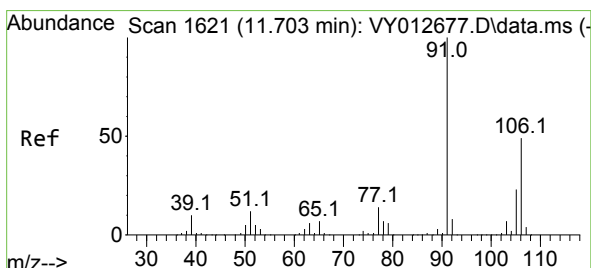
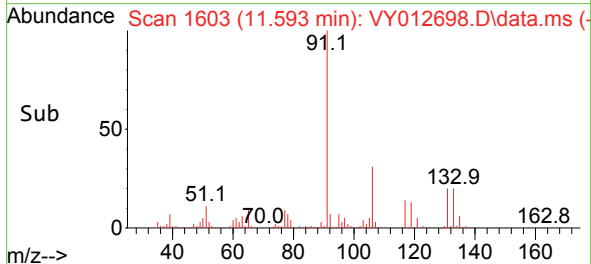
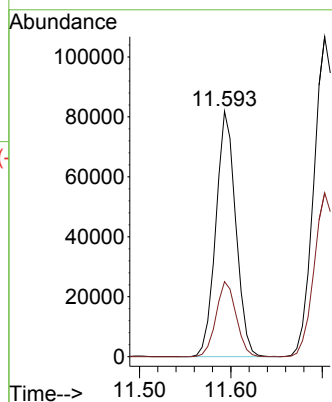
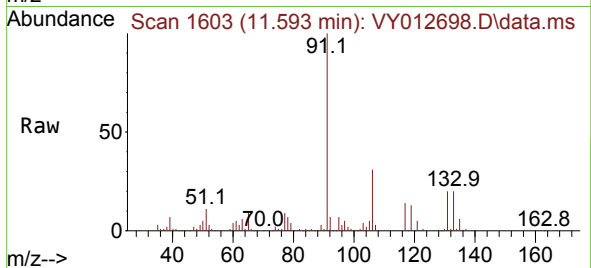
VY0223SBS01

Tgt Ion: 91 Resp: 124099

Ion Ratio Lower Upper

91 100

106 30.6 25.2 37.8



#68

m/p-Xylenes

Concen: 41.679 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012698.D

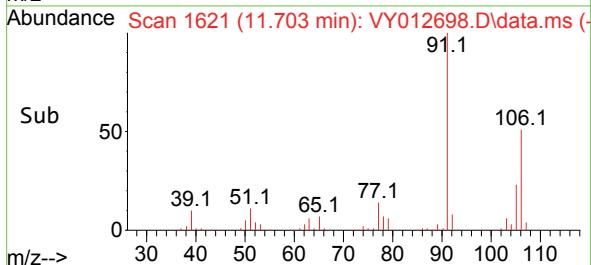
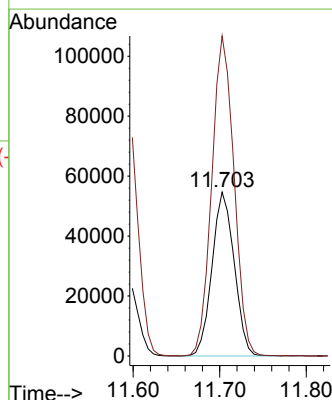
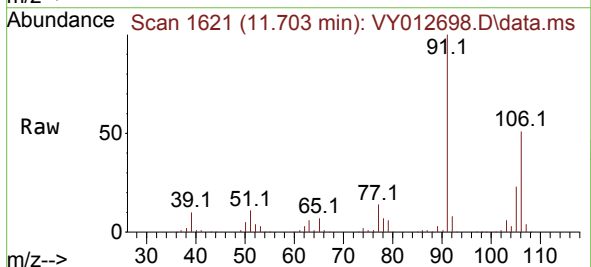
Acq: 23 Feb 2023 11:09

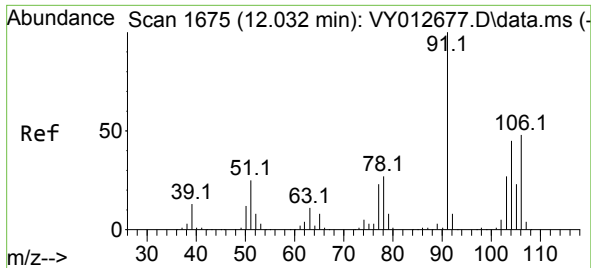
Tgt Ion:106 Resp: 97221

Ion Ratio Lower Upper

106 100

91 196.2 163.2 244.8

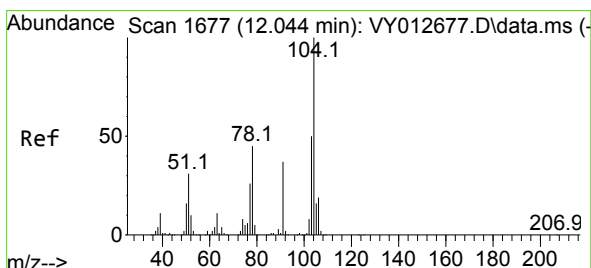
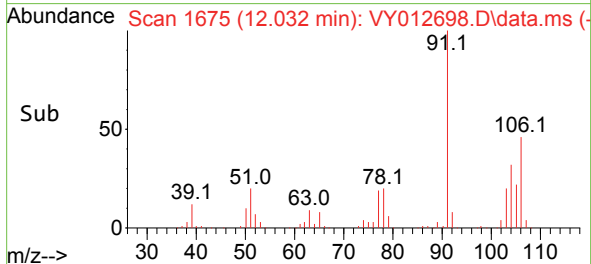
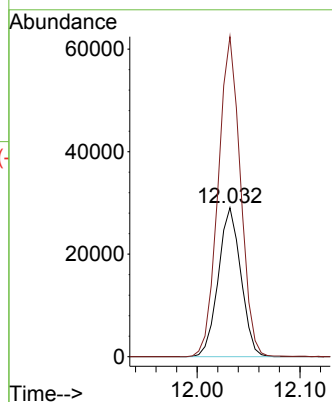
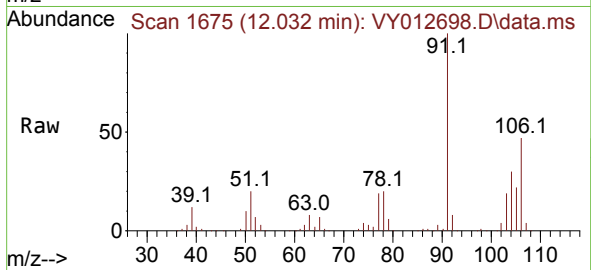




#69
o-Xylene
Concen: 20.467 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

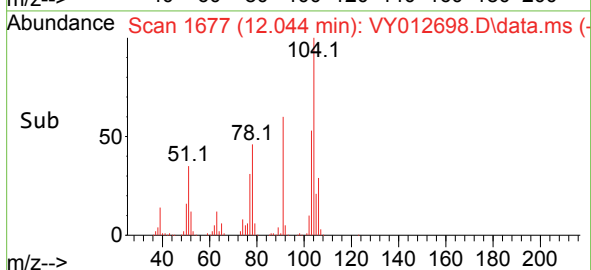
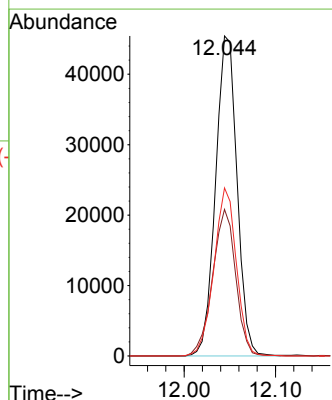
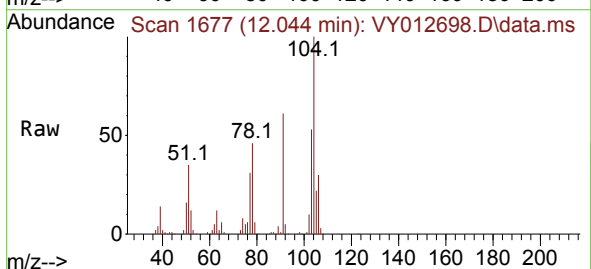
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

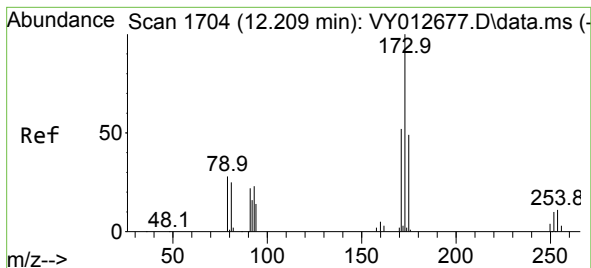
Tgt Ion:106 Resp: 44220
Ion Ratio Lower Upper
106 100
91 212.9 106.3 319.0



#70
Styrene
Concen: 20.499 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

Tgt Ion:104 Resp: 74229
Ion Ratio Lower Upper
104 100
78 49.2 40.6 61.0
103 54.8 44.1 66.1





#71

Bromoform

Concen: 20.574 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBS01

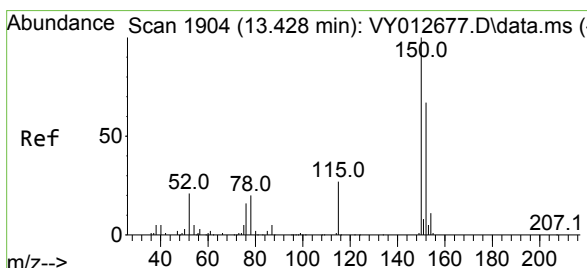
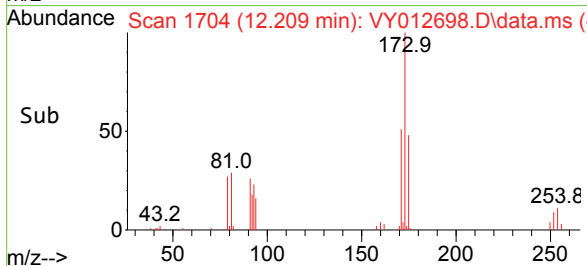
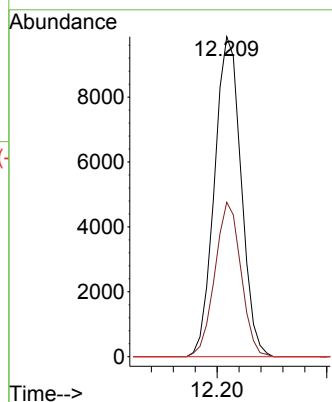
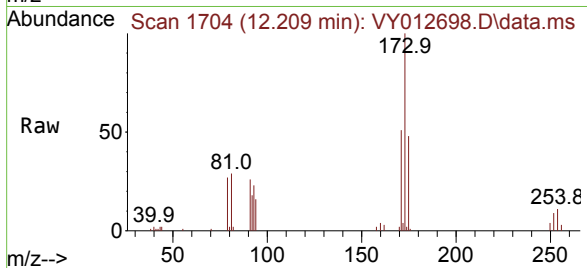
Tgt Ion:173 Resp: 16644

Ion Ratio Lower Upper

173 100

175 47.3 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

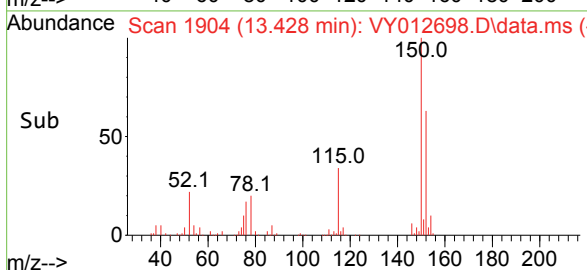
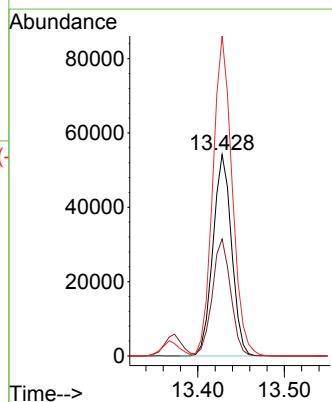
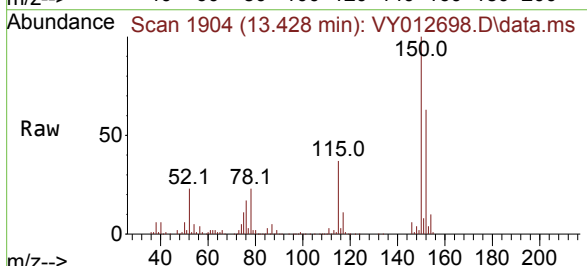
Tgt Ion:152 Resp: 80983

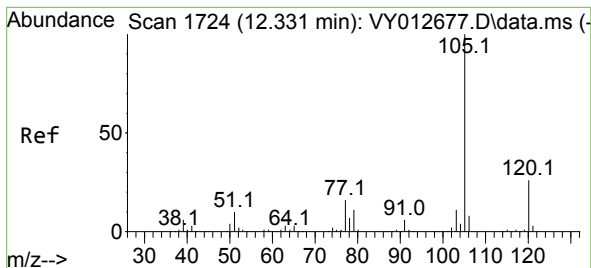
Ion Ratio Lower Upper

152 100

115 57.4 28.7 86.3

150 164.7 0.0 347.6





#73

Isopropylbenzene

Concen: 19.605 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

Instrument :

MSVOA_Y

ClientSampleId :

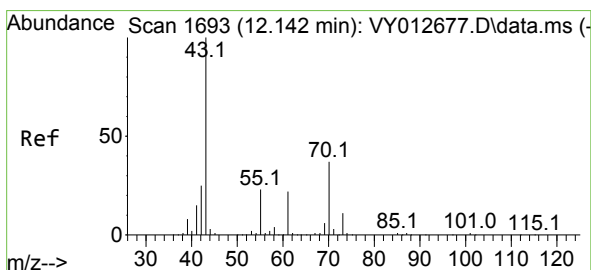
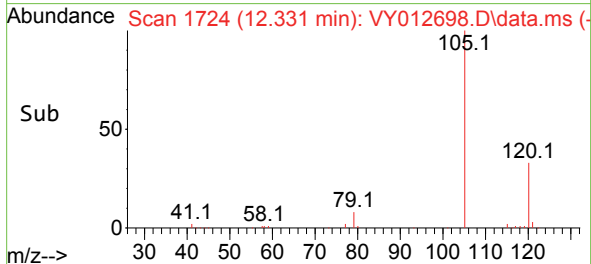
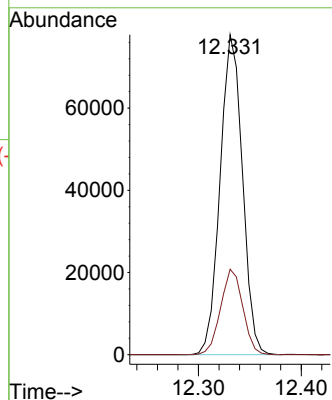
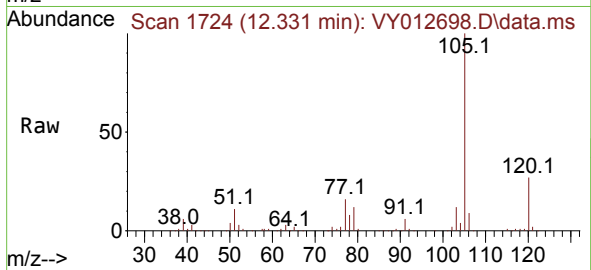
VY0223SBS01

Tgt Ion:105 Resp: 117329

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



#74

N-ethyl acetate

Concen: 19.399 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

Tgt Ion: 43 Resp: 38163

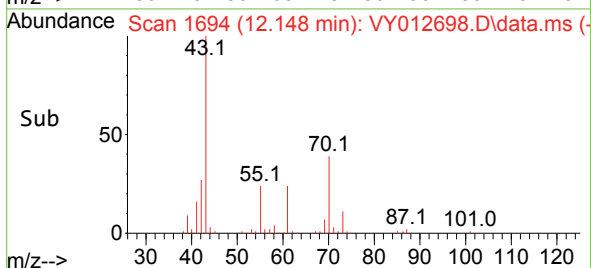
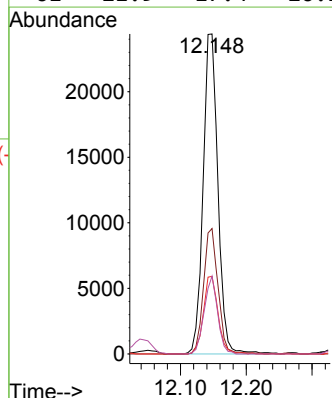
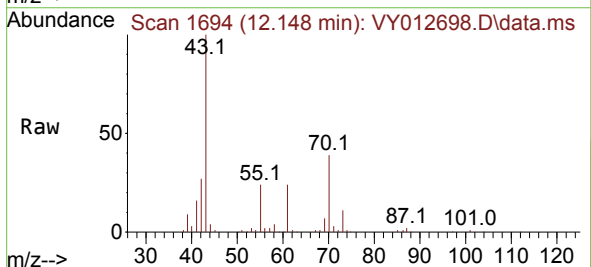
Ion Ratio Lower Upper

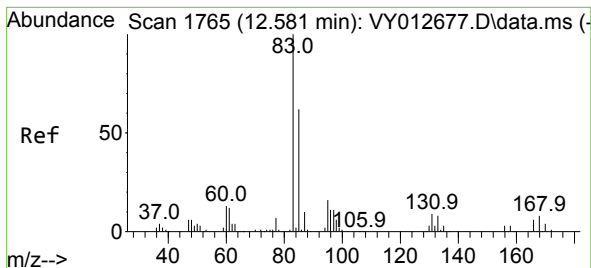
43 100

70 38.5 29.8 44.6

55 24.2 18.2 27.2

61 21.9 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.397 ug/l

RT: 12.587 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBS01

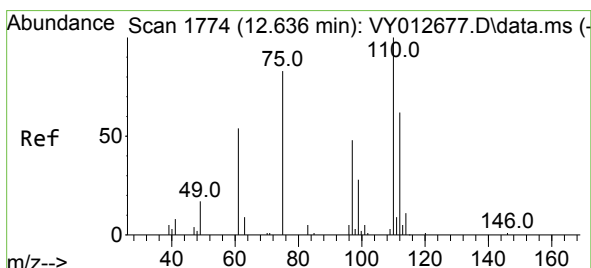
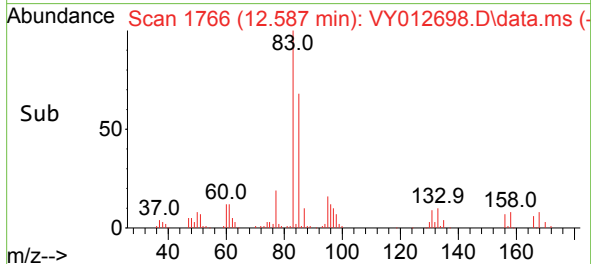
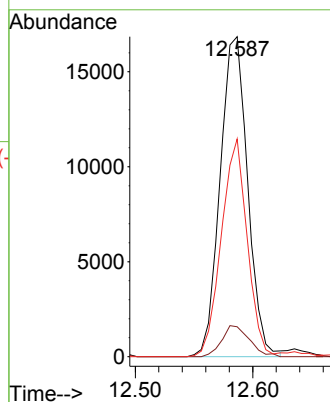
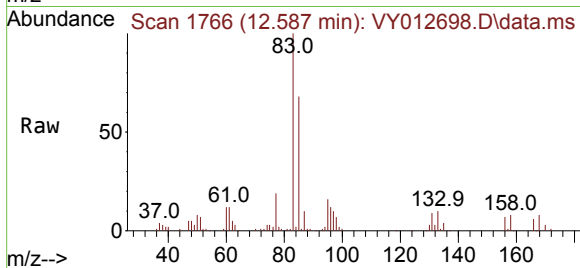
Tgt Ion: 83 Resp: 27446

Ion Ratio Lower Upper

83 100

131 9.7 5.0 15.0

85 64.3 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 33.931 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY012698.D

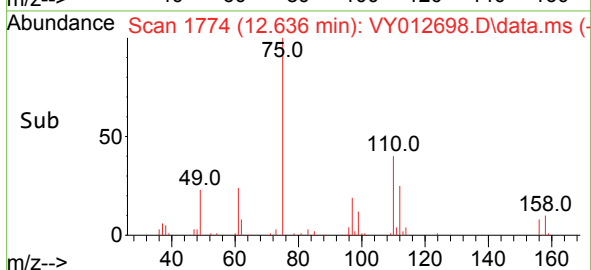
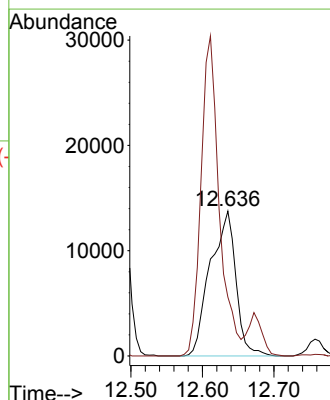
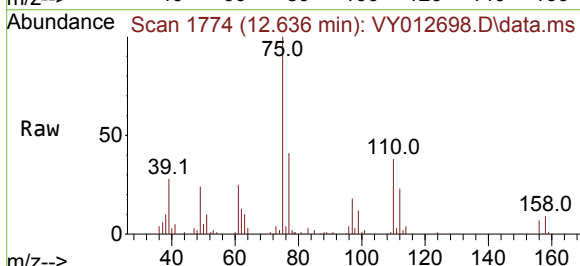
Acq: 23 Feb 2023 11:09

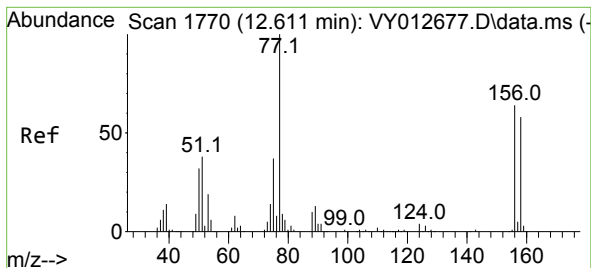
Tgt Ion: 75 Resp: 34256

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.767 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBS01

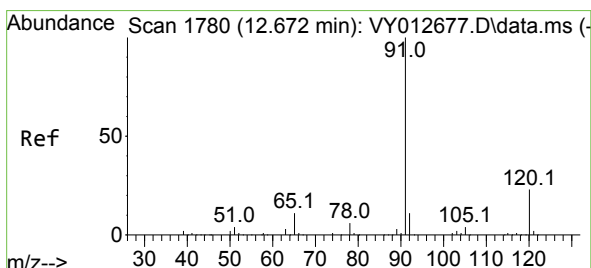
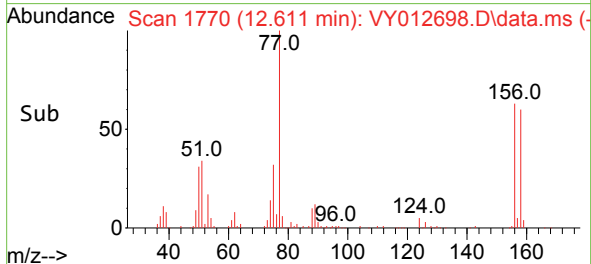
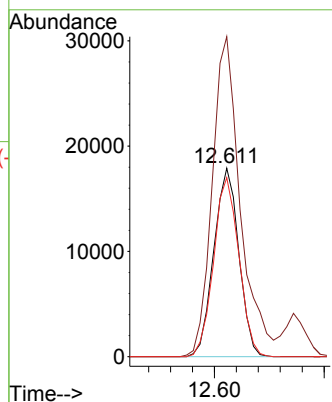
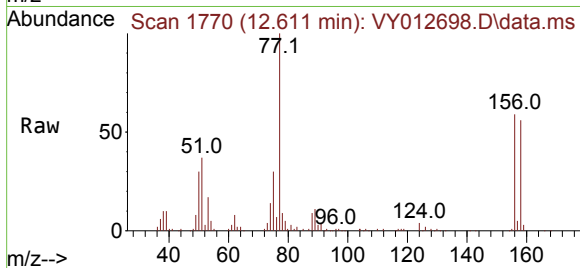
Tgt Ion:156 Resp: 28345

Ion Ratio Lower Upper

156 100

77 190.6 96.3 288.8

158 96.1 48.5 145.6



#78

n-propylbenzene

Concen: 19.801 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012698.D

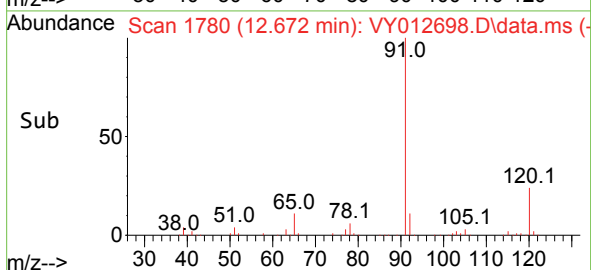
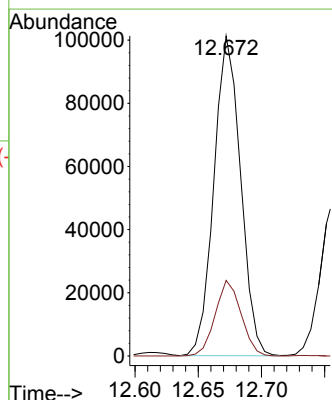
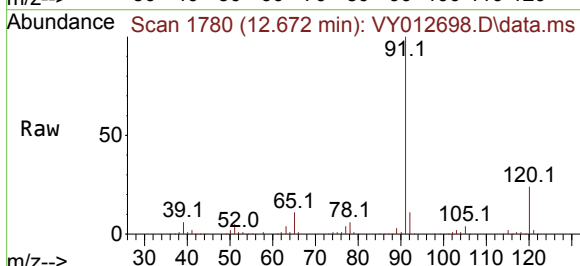
Acq: 23 Feb 2023 11:09

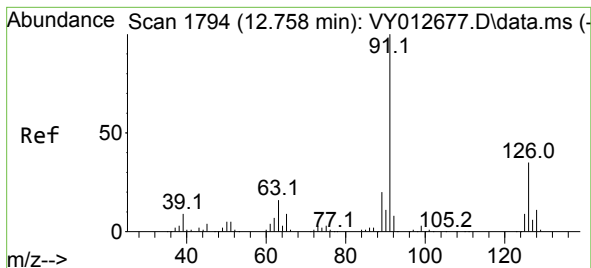
Tgt Ion: 91 Resp: 148222

Ion Ratio Lower Upper

91 100

120 22.9 11.3 33.8





#79

2-Chlorotoluene

Concen: 19.435 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

Instrument :

MSVOA_Y

ClientSampleId :

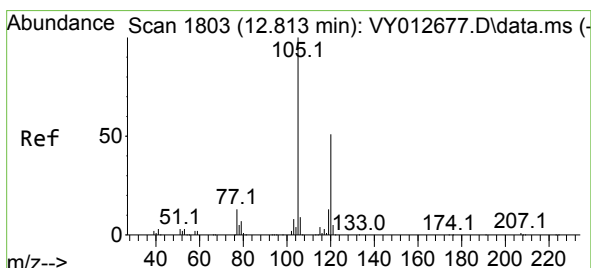
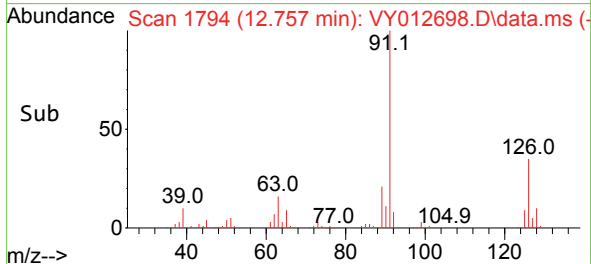
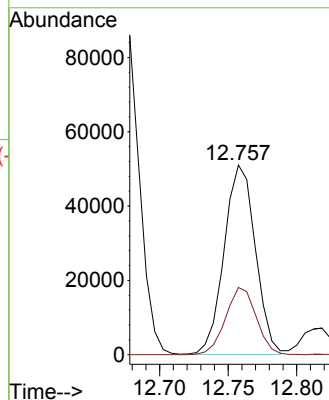
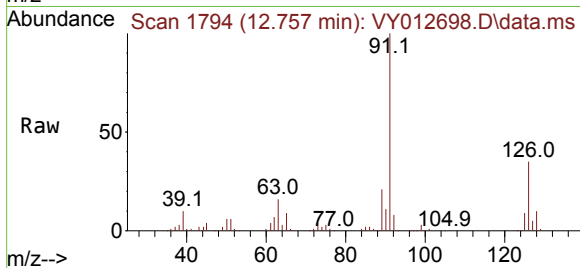
VY0223SBS01

Tgt Ion: 91 Resp: 80821

Ion Ratio Lower Upper

91 100

126 34.8 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 19.550 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.001 min

Lab File: VY012698.D

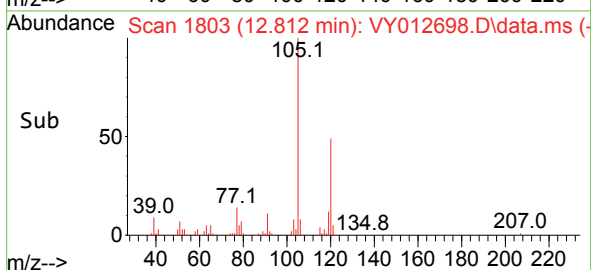
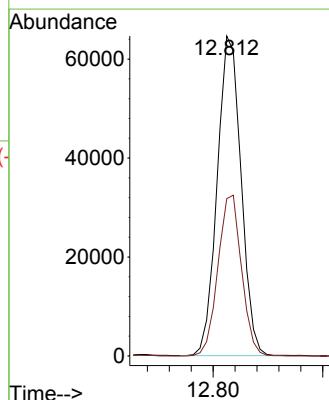
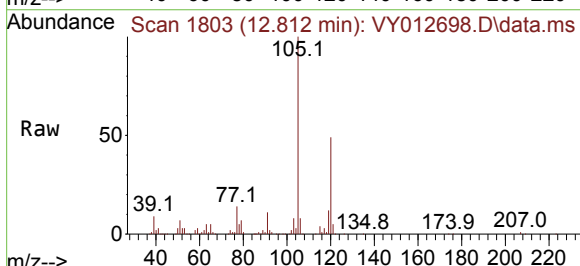
Acq: 23 Feb 2023 11:09

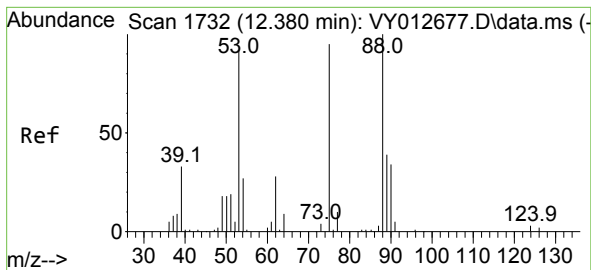
Tgt Ion:105 Resp: 97732

Ion Ratio Lower Upper

105 100

120 49.8 24.7 74.1

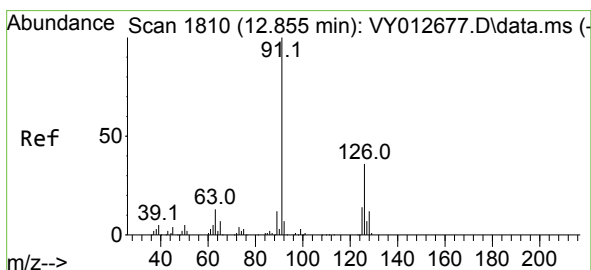
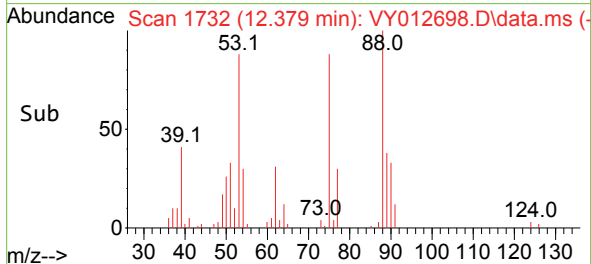
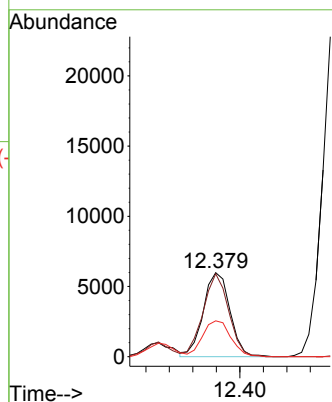
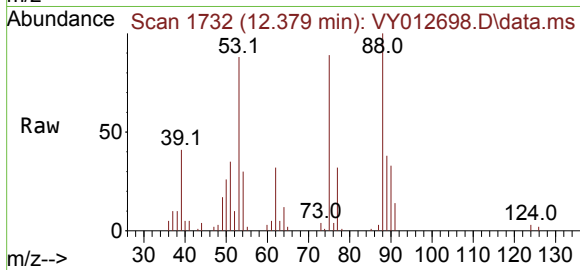




#81
trans-1,4-Dichloro-2-butene
Concen: 19.756 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

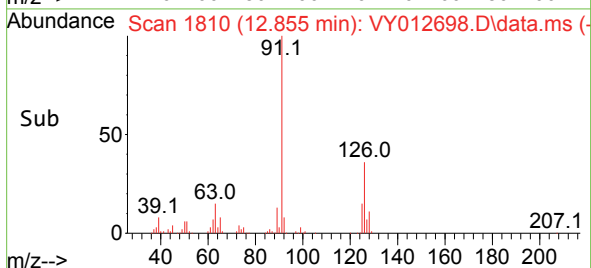
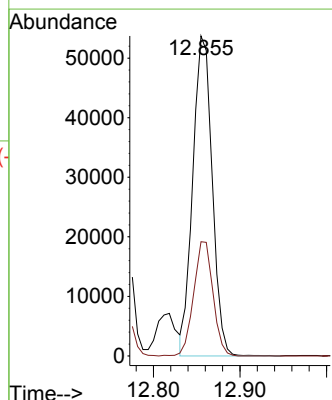
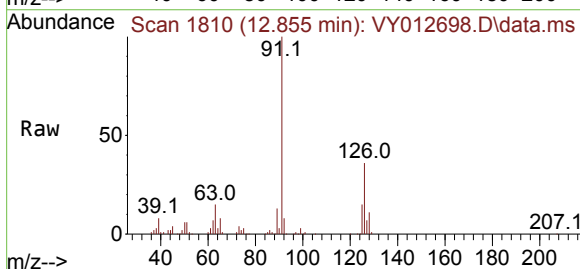
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBS01

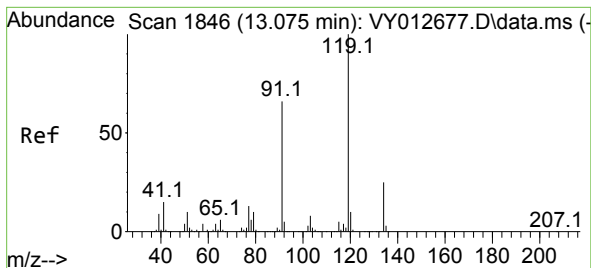
Tgt Ion: 75 Resp: 9415
Ion Ratio Lower Upper
75 100
53 95.3 80.4 120.6
89 45.1 36.5 54.7



#82
4-Chlorotoluene
Concen: 19.380 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012698.D
Acq: 23 Feb 2023 11:09

Tgt Ion: 91 Resp: 83588
Ion Ratio Lower Upper
91 100
126 35.7 17.2 51.5





#83

tert-Butylbenzene

Concen: 18.903 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.001 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBS01

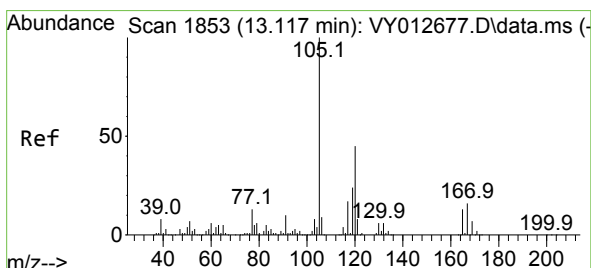
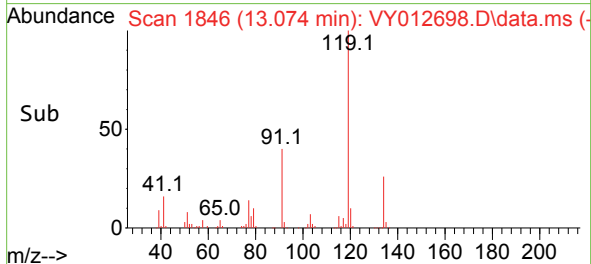
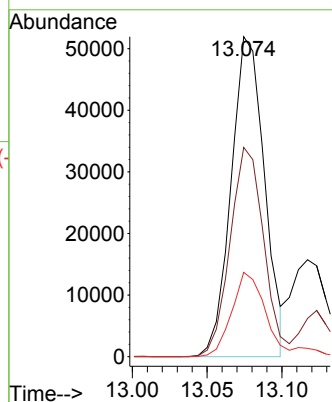
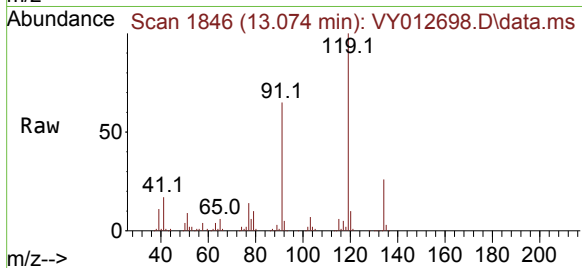
Tgt Ion:119 Resp: 80693

Ion Ratio Lower Upper

119 100

91 66.0 32.4 97.2

134 28.1 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 19.458 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY012698.D

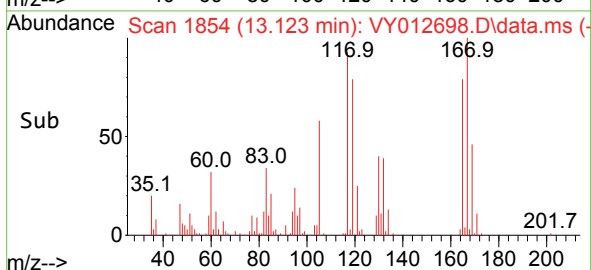
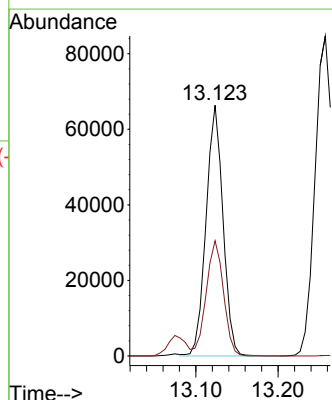
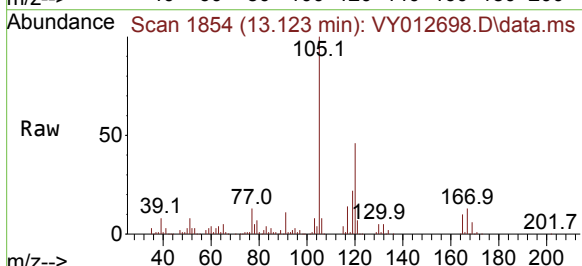
Acq: 23 Feb 2023 11:09

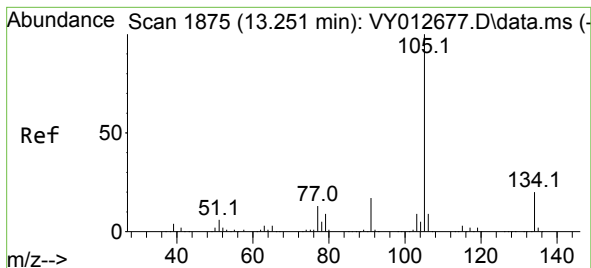
Tgt Ion:105 Resp: 95090

Ion Ratio Lower Upper

105 100

120 47.0 22.7 68.0





#85

sec-Butylbenzene

Concen: 19.914 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

Instrument :

MSVOA_Y

ClientSampleId :

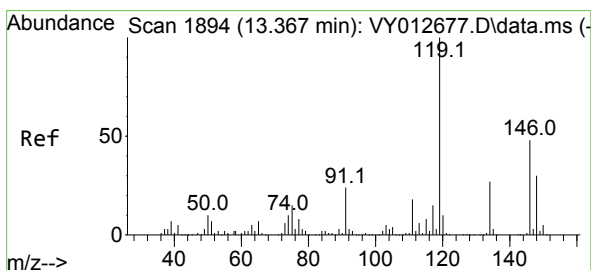
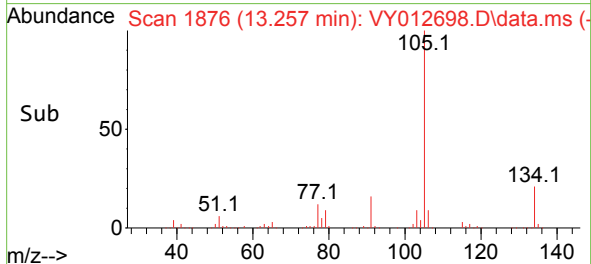
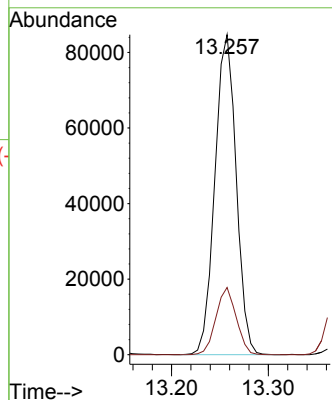
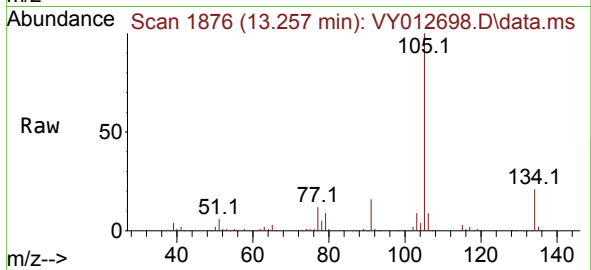
VY0223SBS01

Tgt Ion:105 Resp: 129339

Ion Ratio Lower Upper

105 100

134 20.0 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.540 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

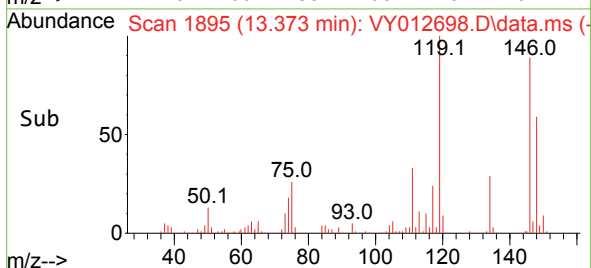
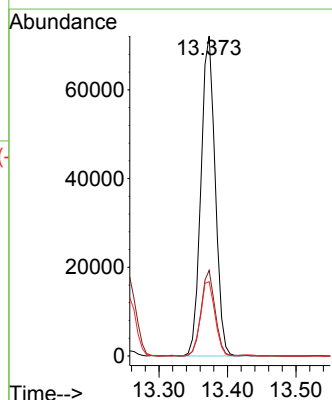
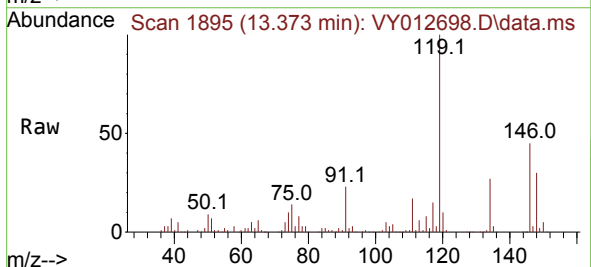
Tgt Ion:119 Resp: 104517

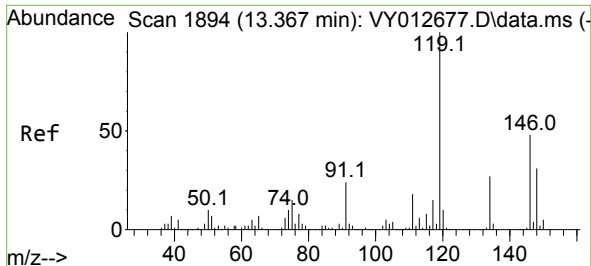
Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.9

91 23.6 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 19.500 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBS01

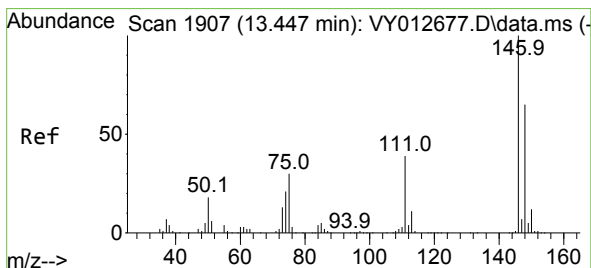
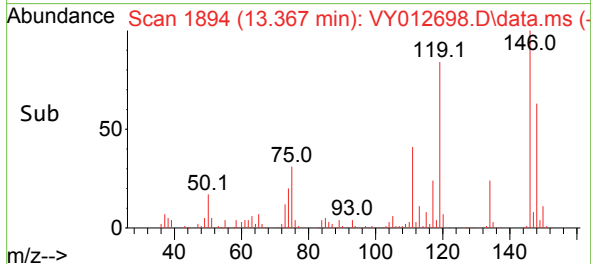
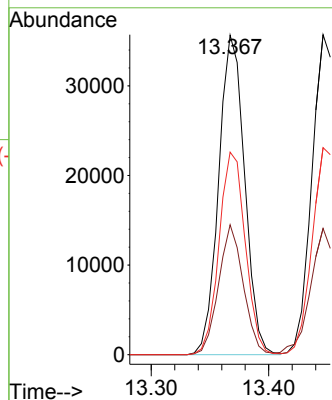
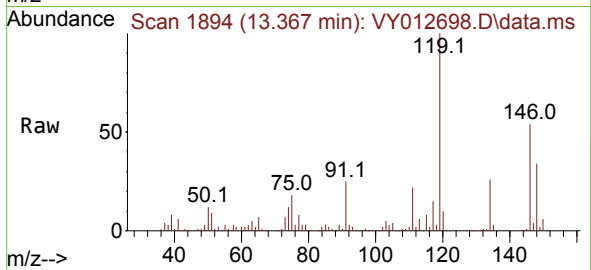
Tgt Ion:146 Resp: 54767

Ion Ratio Lower Upper

146 100

111 38.7 19.6 58.7

148 64.1 31.3 93.9



#88

1,4-Dichlorobenzene

Concen: 19.621 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

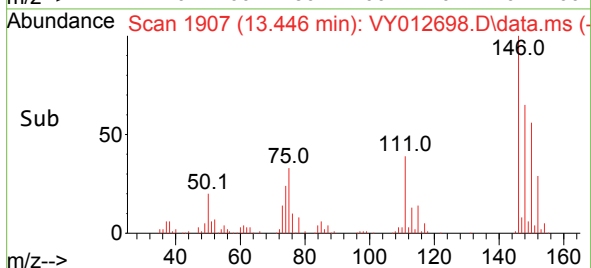
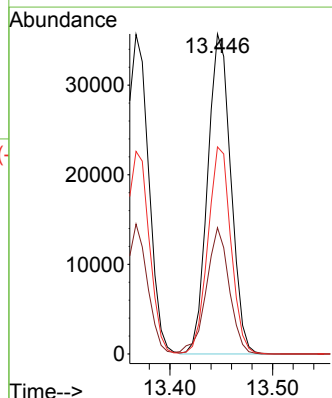
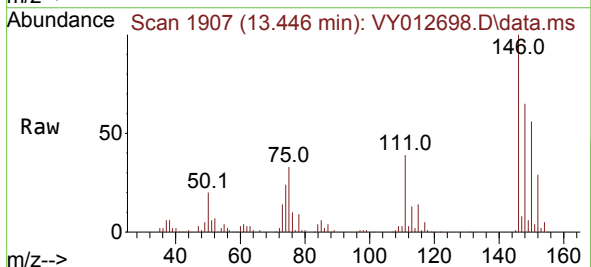
Tgt Ion:146 Resp: 55883

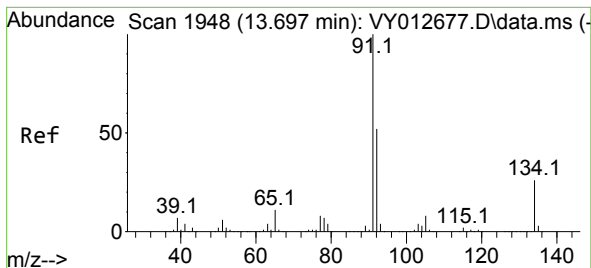
Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.3

148 64.4 32.0 96.0





#89

n-Butylbenzene

Concen: 19.453 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBS01

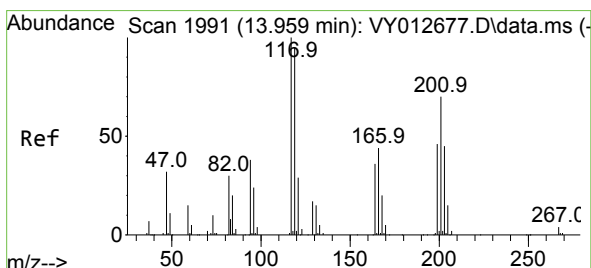
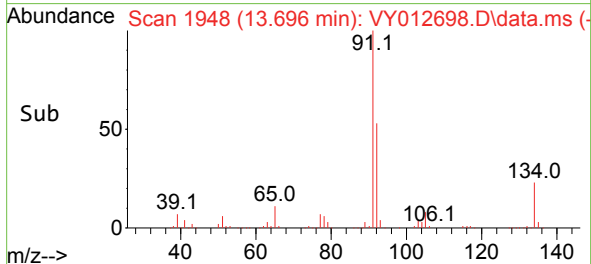
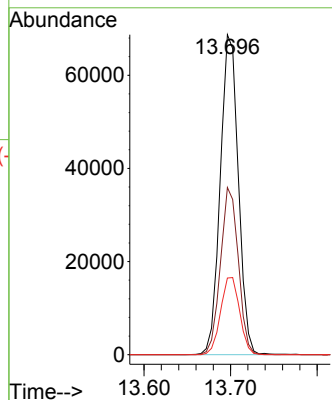
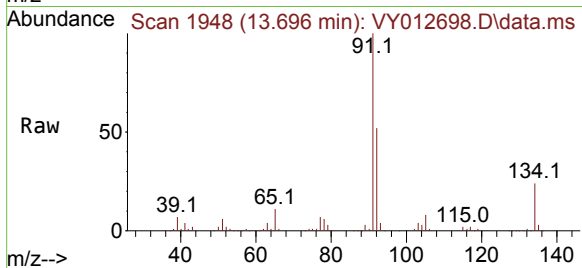
Tgt Ion: 91 Resp: 99650

Ion Ratio Lower Upper

91 100

92 51.6 26.3 78.8

134 25.3 13.0 38.9



#90

Hexachloroethane

Concen: 19.827 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY012698.D

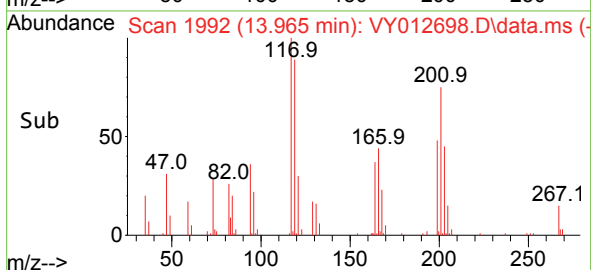
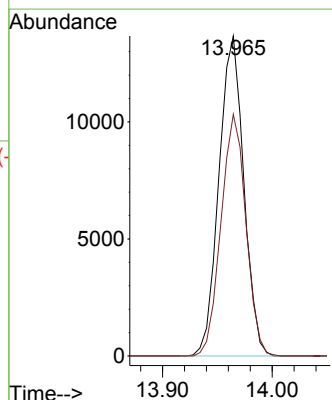
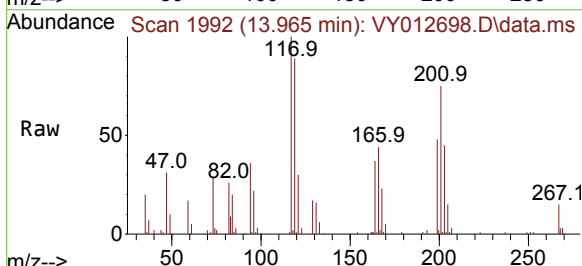
Acq: 23 Feb 2023 11:09

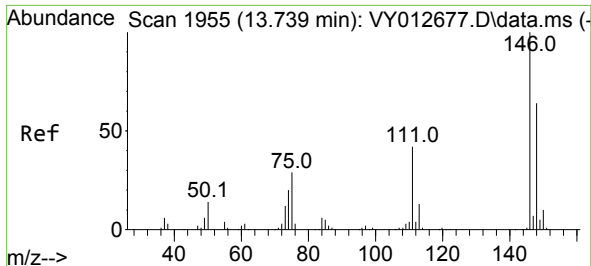
Tgt Ion: 117 Resp: 21522

Ion Ratio Lower Upper

117 100

201 75.5 38.3 114.8





#91

1,2-Dichlorobenzene

Concen: 19.915 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBS01

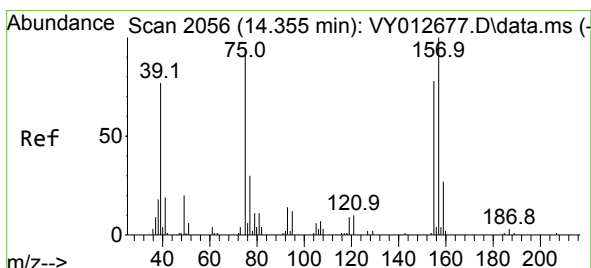
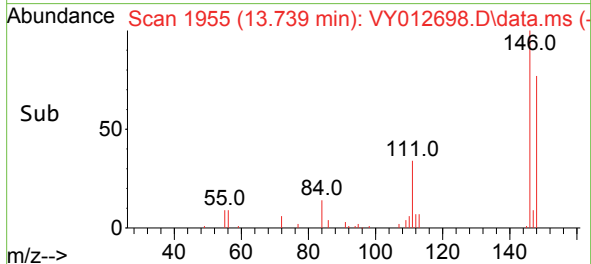
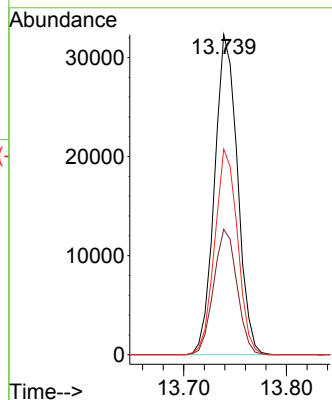
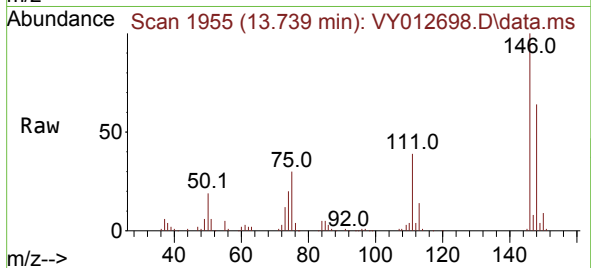
Tgt Ion:146 Resp: 49954

Ion Ratio Lower Upper

146 100

111 40.0 20.3 60.8

148 64.0 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.328 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

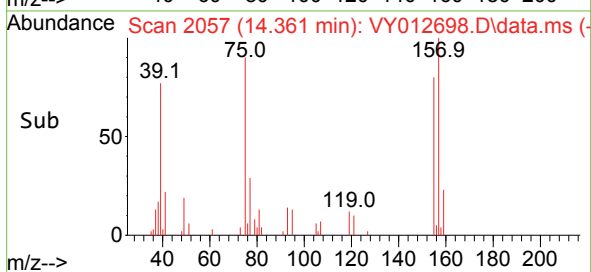
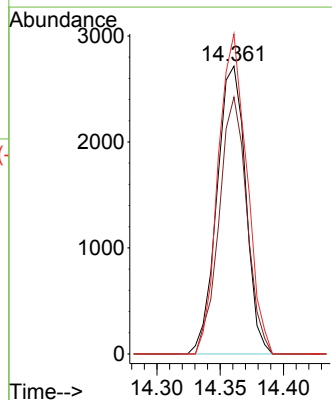
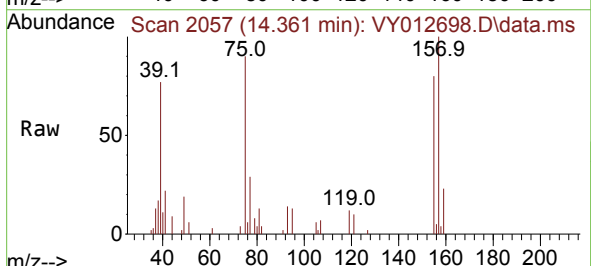
Tgt Ion: 75 Resp: 4275

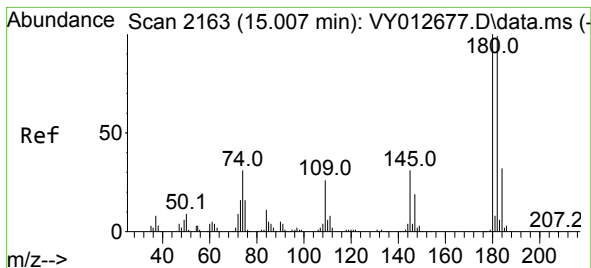
Ion Ratio Lower Upper

75 100

155 86.3 43.6 130.8

157 110.6 55.0 165.2





#93

1,2,4-Trichlorobenzene

Concen: 18.523 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBS01

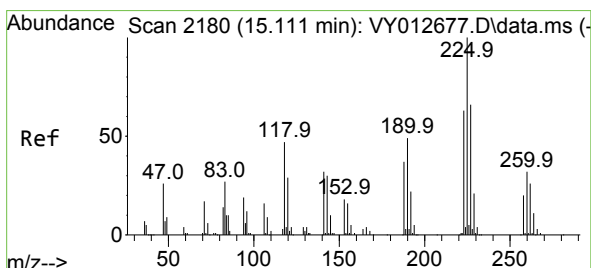
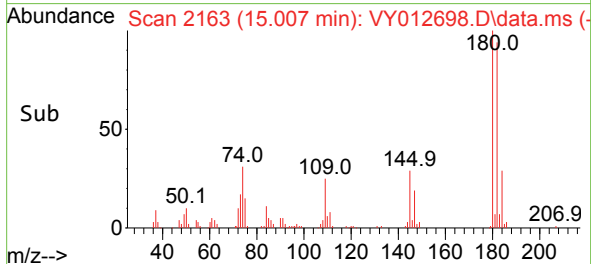
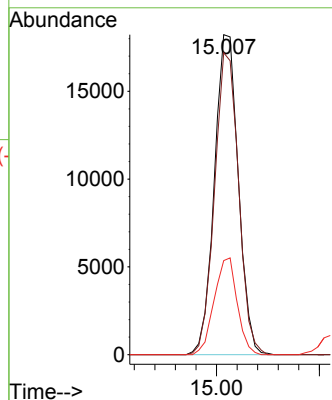
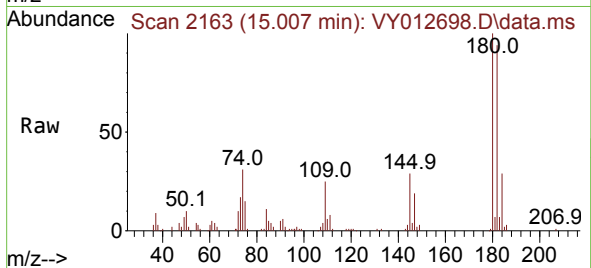
Tgt Ion:180 Resp: 29385

Ion Ratio Lower Upper

180 100

182 94.6 48.0 144.2

145 29.1 15.0 45.0



#94

Hexachlorobutadiene

Concen: 19.099 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

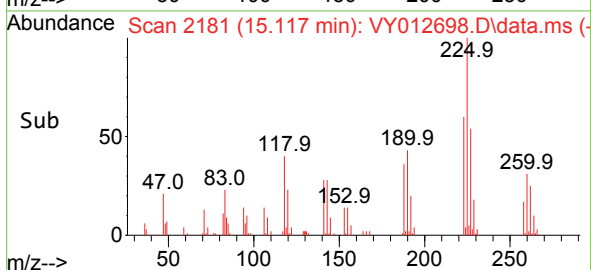
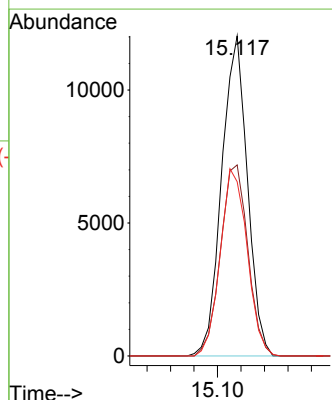
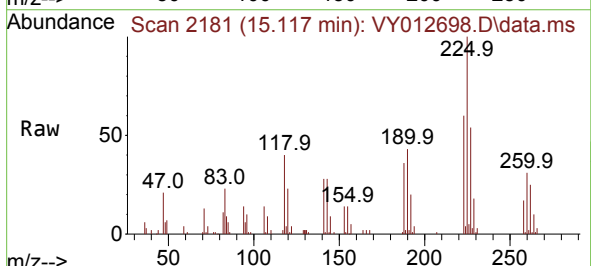
Tgt Ion:225 Resp: 18286

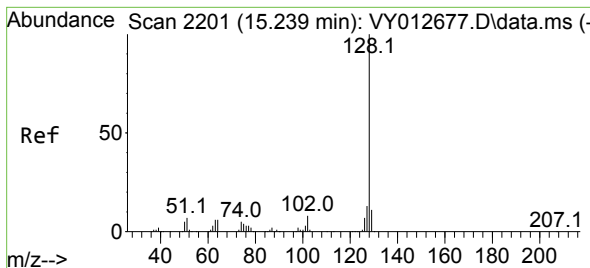
Ion Ratio Lower Upper

225 100

223 63.6 31.7 95.1

227 61.2 32.3 96.8





#95

Naphthalene

Concen: 18.174 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBS01

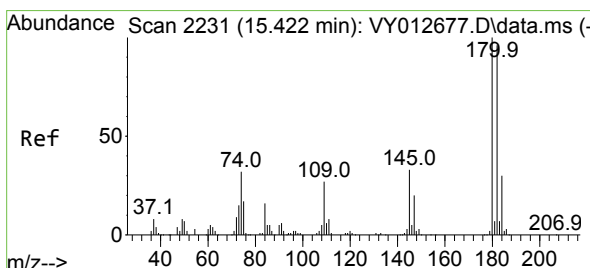
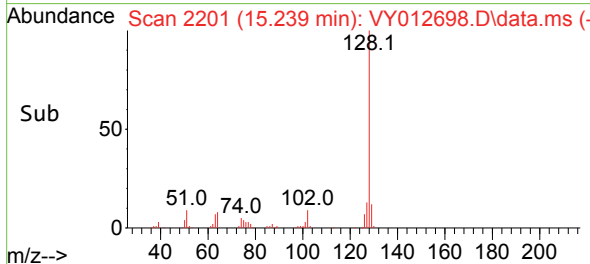
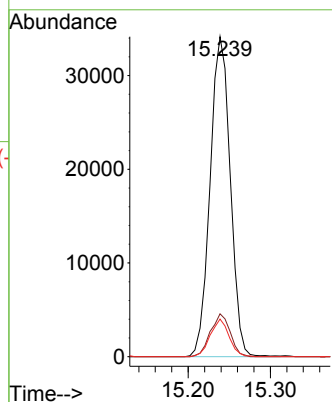
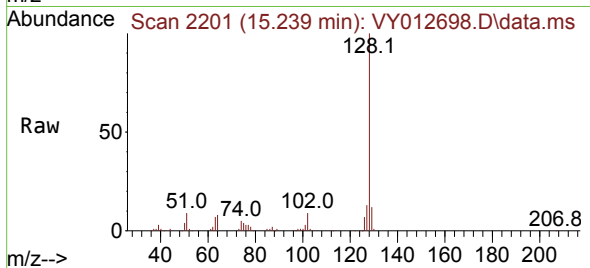
Tgt Ion:128 Resp: 58257

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.0 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 18.812 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012698.D

Acq: 23 Feb 2023 11:09

Tgt Ion:180 Resp: 26416

Ion Ratio Lower Upper

180 100

182 95.9 48.5 145.6

145 30.7 16.1 48.2

