

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031423\
 Data File : VY012948.D
 Acq On : 14 Mar 2023 17:43
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 15 01:45:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	100356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	154143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	139832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	45404	45.568	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.140%
35) Dibromofluoromethane	7.716	113	44717	48.070	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.140%
50) Toluene-d8	10.179	98	151229	44.468	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.940%
62) 4-Bromofluorobenzene	12.483	95	54823	47.761	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	44848	45.340	ug/l	99
3) Chloromethane	2.113	50	53453	45.202	ug/l	98
4) Vinyl Chloride	2.253	62	52592	48.500	ug/l	97
5) Bromomethane	2.650	94	33612	51.012	ug/l	91
6) Chloroethane	2.796	64	33408	51.443	ug/l	100
7) Trichlorofluoromethane	3.125	101	92944	51.606	ug/l	99
8) Diethyl Ether	3.528	74	33065	52.390	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	55544	51.261	ug/l	99
10) Methyl Iodide	4.088	142	71594	50.709	ug/l	98
11) Tert butyl alcohol	4.948	59	32274	284.425	ug/l #	88
12) 1,1-Dichloroethene	3.875	96	53520	51.788	ug/l	95
13) Acrolein	3.729	56	31219	178.834	ug/l	99
14) Allyl chloride	4.479	41	88172	46.188	ug/l	94
15) Acrylonitrile	5.161	53	90278	271.474	ug/l	99
16) Acetone	3.948	43	107607	275.142	ug/l	96
17) Carbon Disulfide	4.192	76	162228	46.118	ug/l	100
18) Methyl Acetate	4.479	43	59310	50.924	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	148859	55.766	ug/l	99
20) Methylene Chloride	4.710	84	65414	55.390	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	58672	52.244	ug/l	98
22) Diisopropyl ether	6.119	45	192038	55.386	ug/l	95
23) Vinyl Acetate	6.058	43	600461	278.721	ug/l	99
24) 1,1-Dichloroethane	6.015	63	105881	53.590	ug/l	99
25) 2-Butanone	6.984	43	132400	273.325	ug/l	99
26) 2,2-Dichloropropane	6.984	77	94257	53.715	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	66213	54.992	ug/l	99
28) Bromochloromethane	7.332	49	38391	53.172	ug/l	98
29) Tetrahydrofuran	7.344	42	79689	272.763	ug/l	97
30) Chloroform	7.502	83	109494	56.106	ug/l	97
31) Cyclohexane	7.783	56	89956	47.139	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	95785	54.274	ug/l	99
36) 1,1-Dichloropropene	7.917	75	81327	52.170	ug/l	100
37) Ethyl Acetate	7.070	43	53267	54.213	ug/l	98
38) Carbon Tetrachloride	7.899	117	88905	55.227	ug/l	99
39) Methylcyclohexane	9.185	83	95002	51.260	ug/l	99
40) Benzene	8.161	78	237991	53.970	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	74386	140.518	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	74124	55.911	ug/l	100
43) Isopropyl Acetate	8.271	43	96596	55.104	ug/l	99
44) Trichloroethene	8.941	130	62709	53.937	ug/l	98
45) 1,2-Dichloropropane	9.216	63	60809	54.564	ug/l	97
46) Dibromomethane	9.301	93	35797	56.382	ug/l	98
47) Bromodichloromethane	9.496	83	84339	56.370	ug/l	99
48) Methyl methacrylate	9.289	41	43630	54.016	ug/l	94
49) 1,4-Dioxane	9.295	88	9953	1212.643	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	270482	284.453	ug/l	99
52) Toluene	10.246	92	147805	55.578	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	88770	56.565	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	99388	55.953	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	50401	57.002	ug/l	97
56) Ethyl methacrylate	10.508	69	68476	58.081	ug/l	98
57) 1,3-Dichloropropane	10.788	76	84421	56.056	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	174358	281.716	ug/l	100
59) 2-Hexanone	10.831	43	196868	284.867	ug/l	100
60) Dibromochloromethane	10.984	129	62678	58.234	ug/l	100
61) 1,2-Dibromoethane	11.087	107	47673	55.971	ug/l	100
64) Tetrachloroethene	10.721	164	54882	53.907	ug/l	96
65) Chlorobenzene	11.514	112	159066	54.201	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	60308	55.535	ug/l	100
67) Ethyl Benzene	11.593	91	284528	55.144	ug/l	98
68) m/p-Xylenes	11.703	106	218102	109.879	ug/l	100
69) o-Xylene	12.032	106	104218	56.258	ug/l	96
70) Styrene	12.044	104	176150	56.980	ug/l	99
71) Bromoform	12.209	173	40122	56.666	ug/l #	98
73) Isopropylbenzene	12.331	105	273118	54.124	ug/l	100
74) N-amyl acetate	12.142	43	83477	52.577	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	61260	54.005	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	78305	92.095	ug/l #	100
77) Bromobenzene	12.611	156	65937	53.788	ug/l	99
78) n-propylbenzene	12.672	91	333879	53.667	ug/l	100
79) 2-Chlorotoluene	12.758	91	187056	54.098	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	225486	54.146	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	21359	52.050	ug/l	98
82) 4-Chlorotoluene	12.855	91	188478	52.658	ug/l	100
83) tert-Butylbenzene	13.075	119	197955	55.074	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	223547	54.897	ug/l	99
85) sec-Butylbenzene	13.258	105	294927	53.785	ug/l	99
86) p-Isopropyltoluene	13.373	119	244145	54.478	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	127757	54.036	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	126821	52.557	ug/l	99
89) n-Butylbenzene	13.697	91	228056	53.156	ug/l	100
90) Hexachloroethane	13.965	117	49208	52.718	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	115650	54.112	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9699	52.906	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	66350	50.421	ug/l	99
94) Hexachlorobutadiene	15.111	225	39901	49.714	ug/l	99
95) Naphthalene	15.239	128	140295	53.203	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	59047	50.453	ug/l	99

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QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

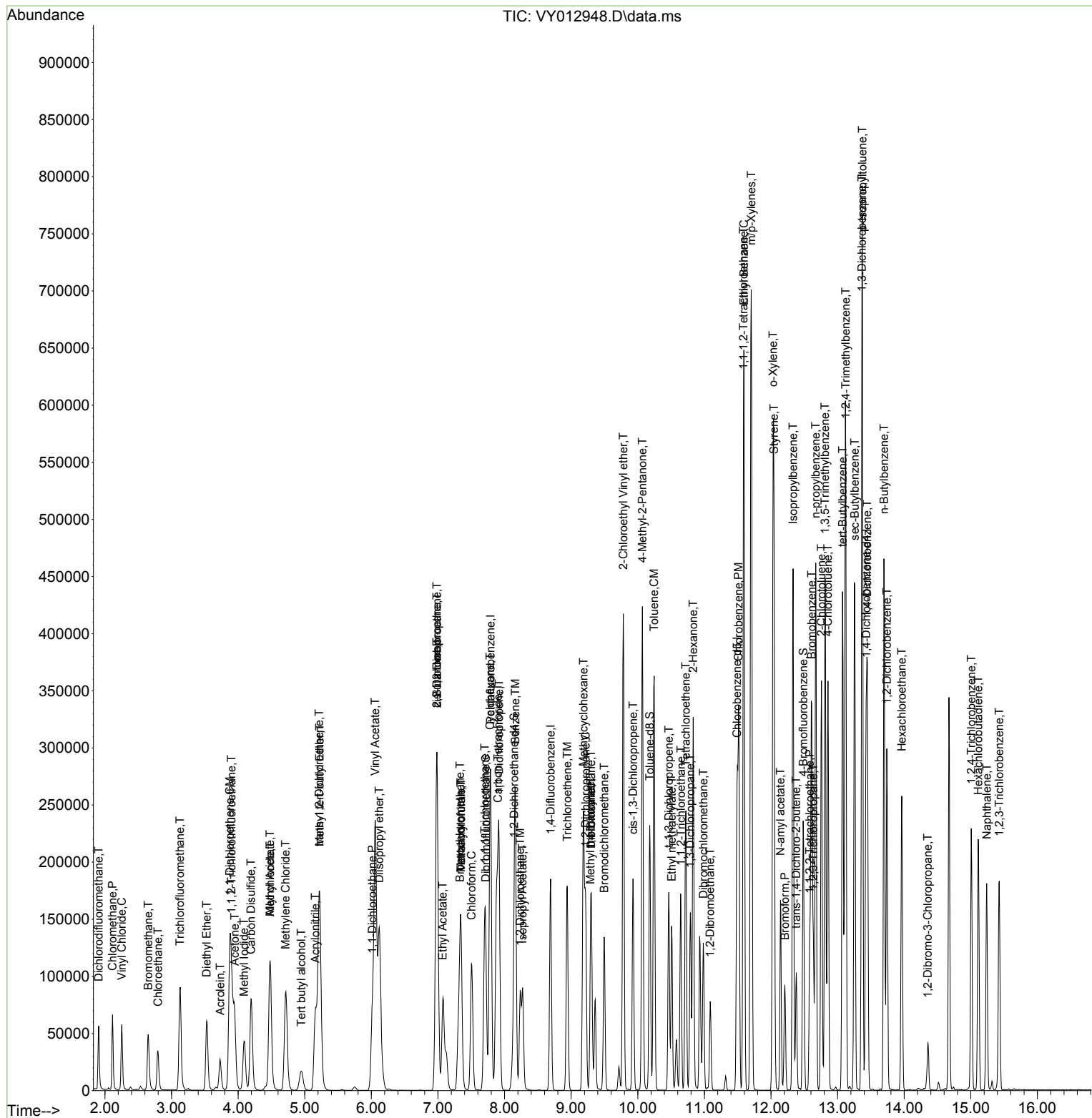
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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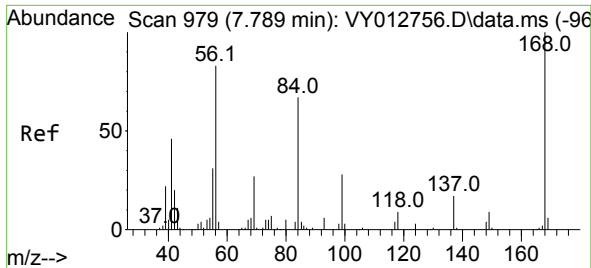
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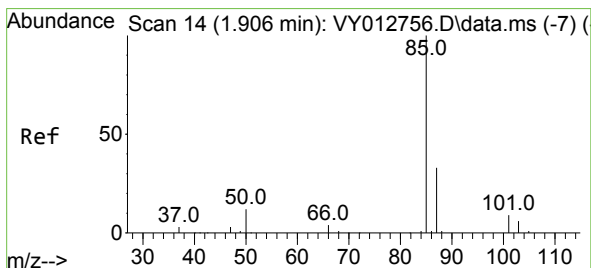
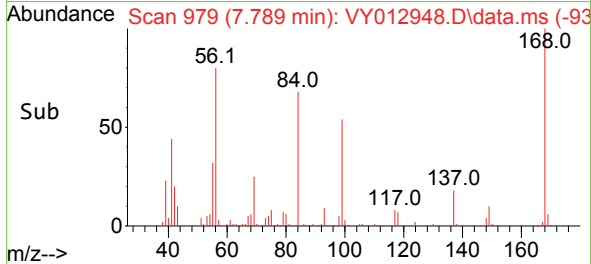
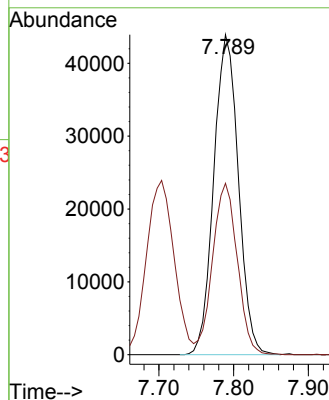
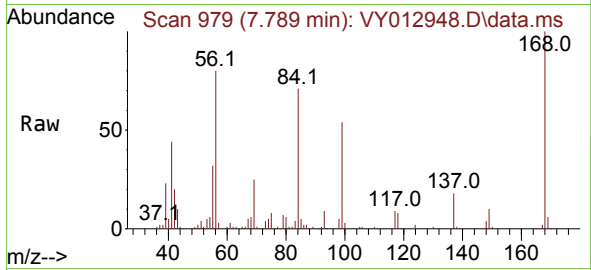




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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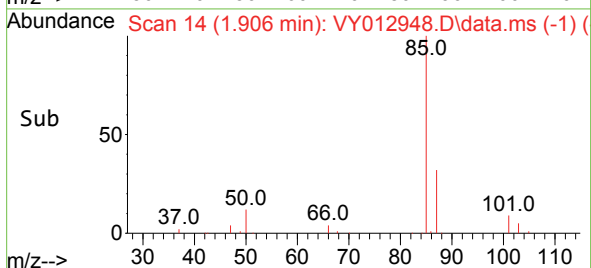
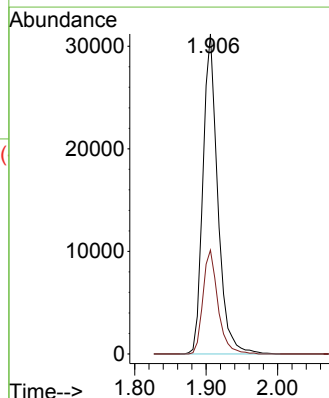
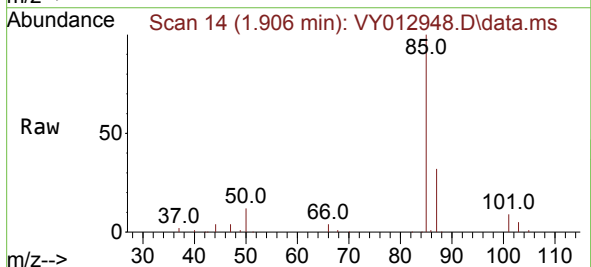
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

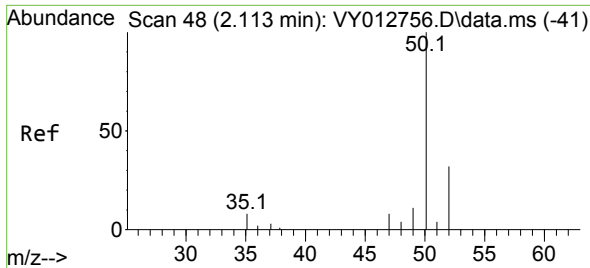
Tgt Ion:168 Resp: 100356
Ion Ratio Lower Upper
168 100
99 53.4 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 45.340 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

Tgt Ion: 85 Resp: 44848
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.0

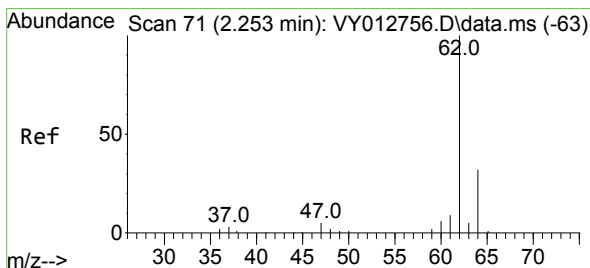
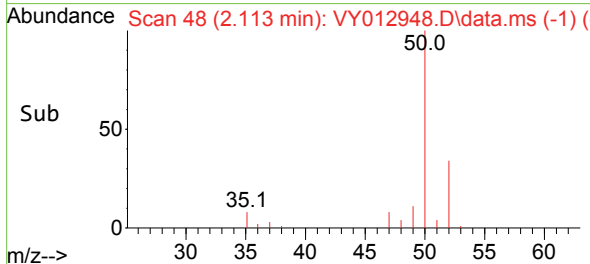
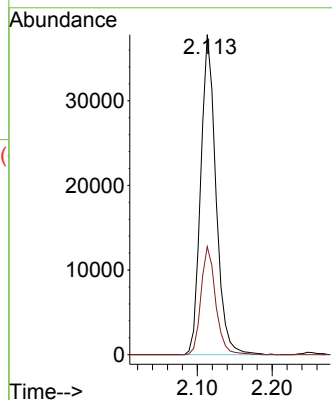
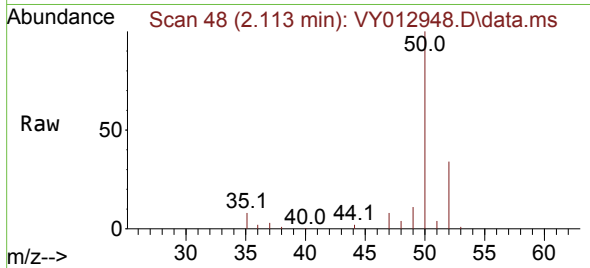




#3
Chloromethane
Concen: 45.202 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

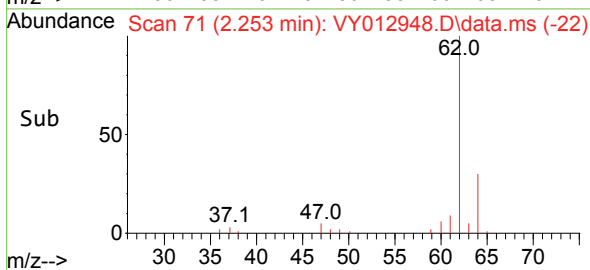
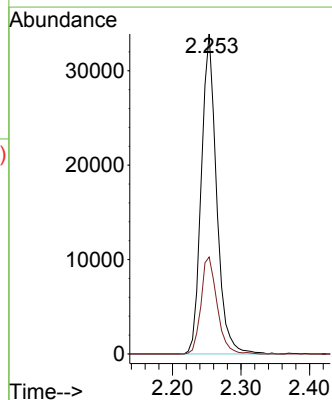
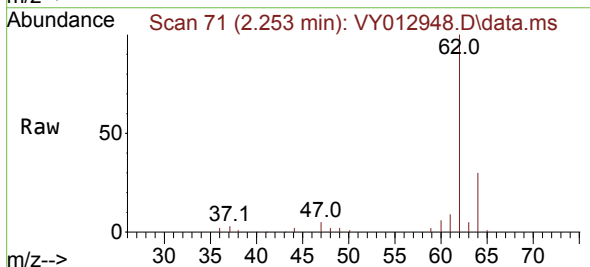
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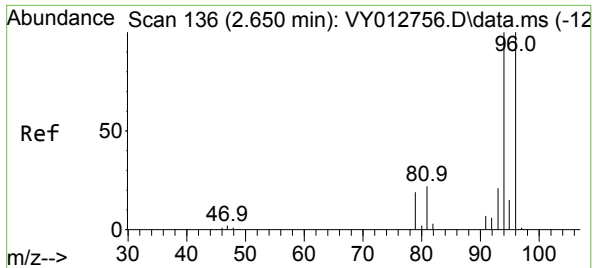
Tgt Ion: 50 Resp: 53453
Ion Ratio Lower Upper
50 100
52 33.8 26.0 39.0



#4
Vinyl Chloride
Concen: 48.500 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

Tgt Ion: 62 Resp: 52592
Ion Ratio Lower Upper
62 100
64 30.3 25.6 38.4

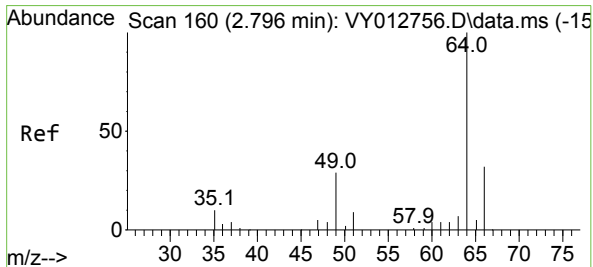
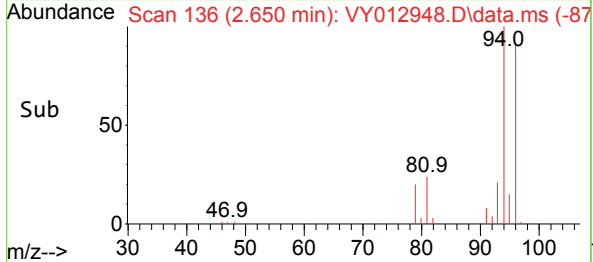
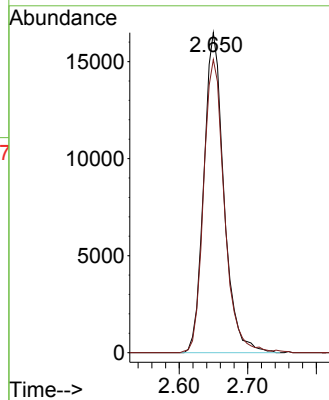
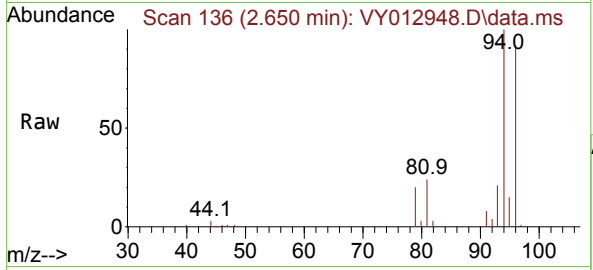




#5
Bromomethane
Concen: 51.012 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012948.D
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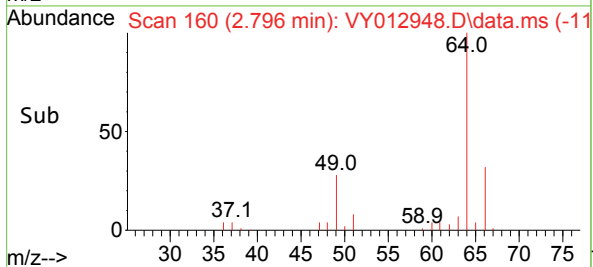
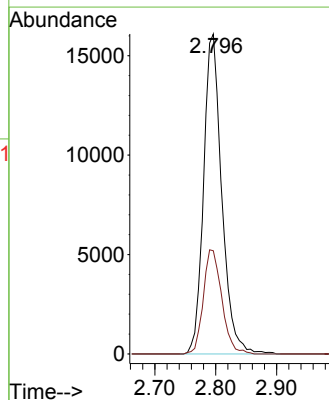
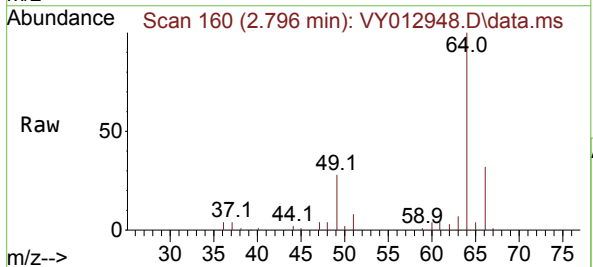
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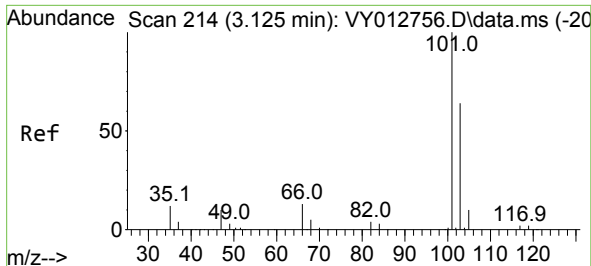
Tgt Ion: 94 Resp: 33612
Ion Ratio Lower Upper
94 100
96 91.6 80.3 120.5



#6
Chloroethane
Concen: 51.443 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY012948.D
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Tgt Ion: 64 Resp: 33408
Ion Ratio Lower Upper
64 100
66 32.3 25.7 38.5

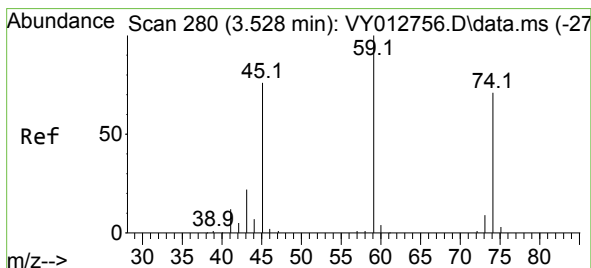
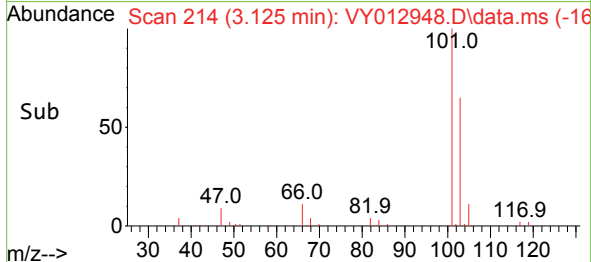
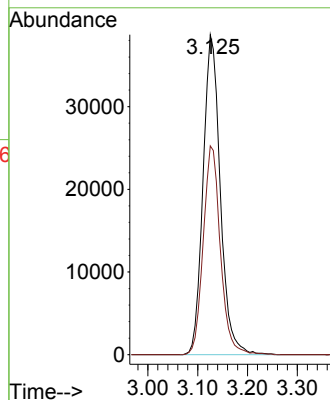
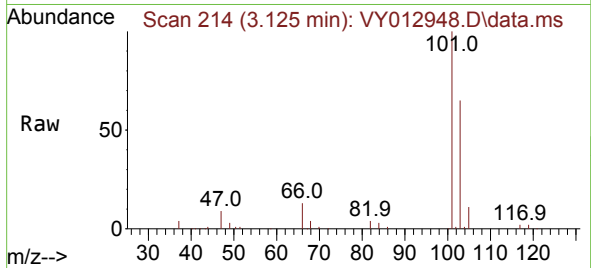




#7
 Trichlorofluoromethane
 Concen: 51.606 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012948.D
 Acq: 14 Mar 2023 17:43

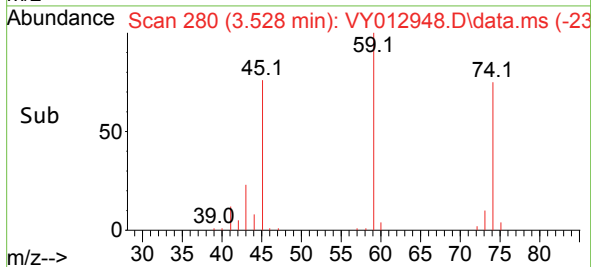
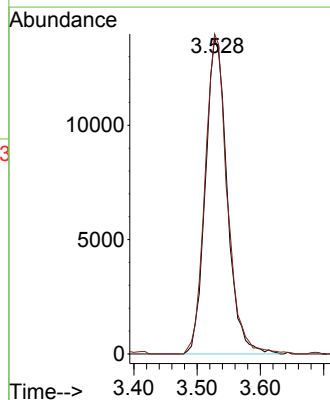
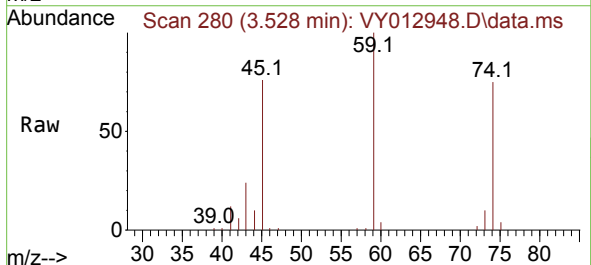
Instrument :
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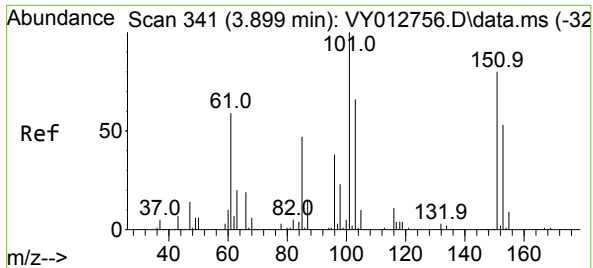
Tgt Ion:101 Resp: 92944
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.5 77.3



#8
 Diethyl Ether
 Concen: 52.390 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY012948.D
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Tgt Ion: 74 Resp: 33065
 Ion Ratio Lower Upper
 74 100
 45 103.1 52.1 156.4

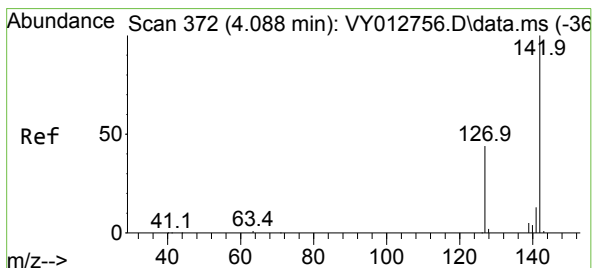
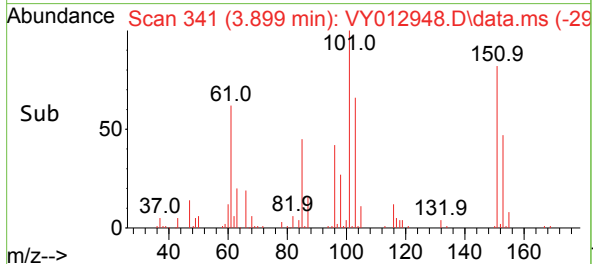
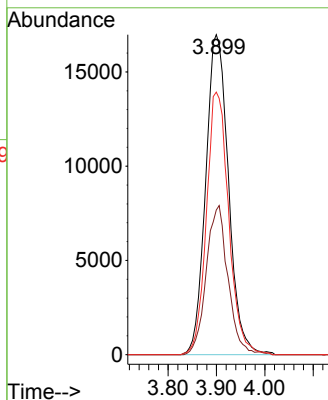
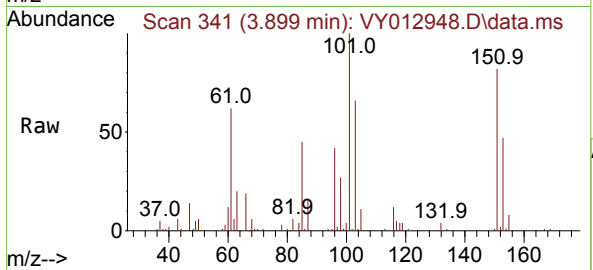




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.261 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

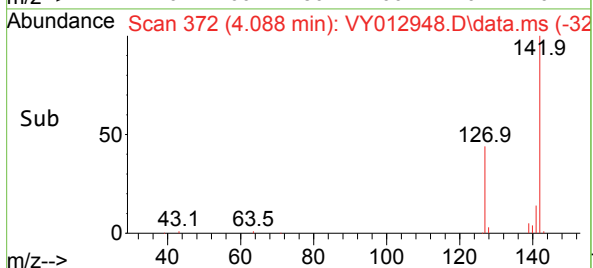
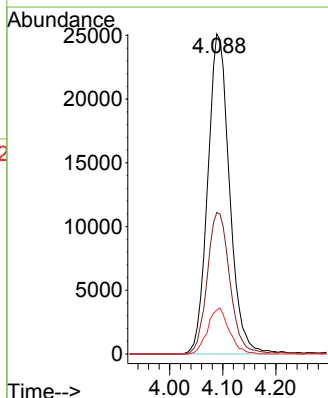
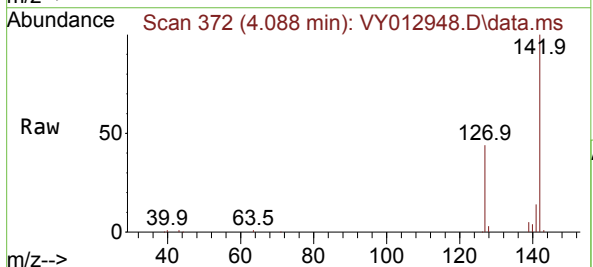
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

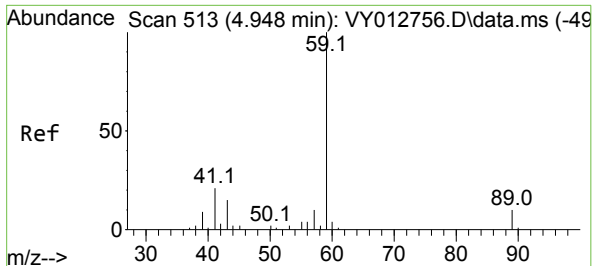
Tgt Ion:101 Resp: 55544
Ion Ratio Lower Upper
101 100
85 44.6 35.3 52.9
151 80.2 63.1 94.7



#10
Methyl Iodide
Concen: 50.709 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

Tgt Ion:142 Resp: 71594
Ion Ratio Lower Upper
142 100
127 45.8 35.4 53.2
141 14.2 11.3 16.9

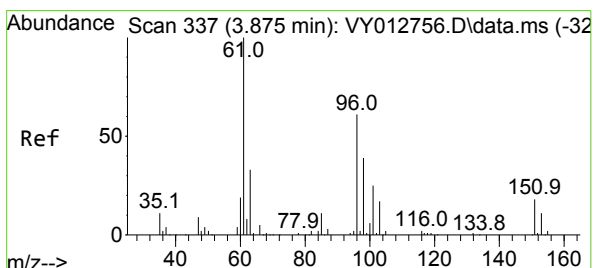
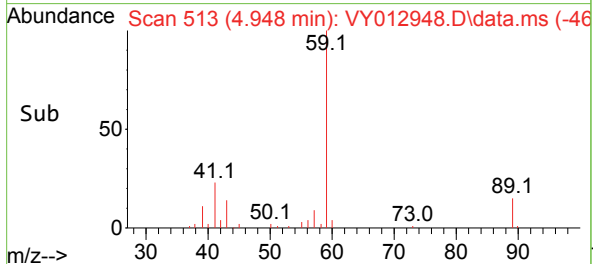
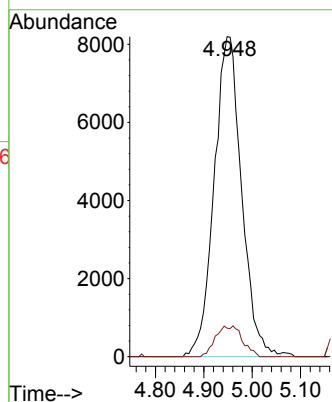
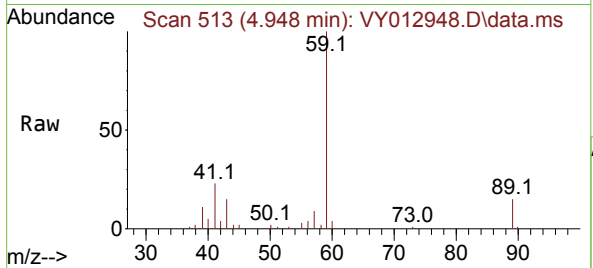




#11
Tert butyl alcohol
Concen: 284.425 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

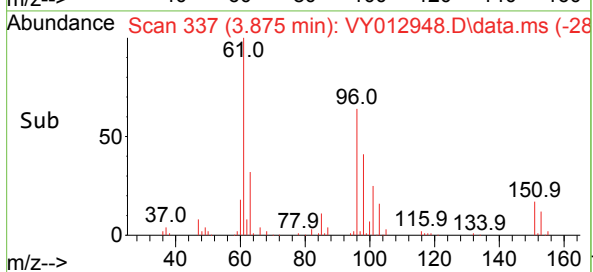
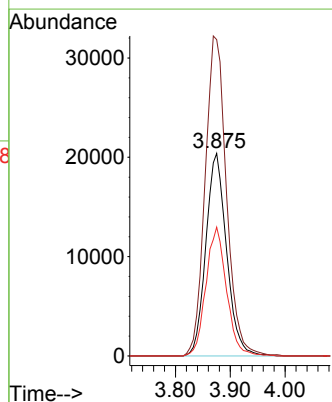
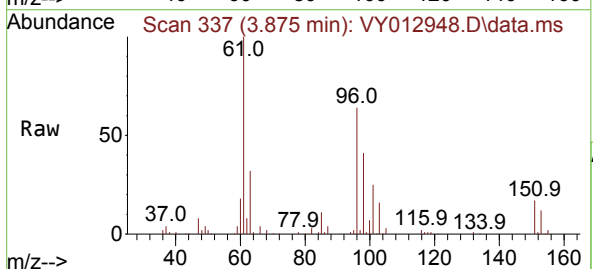
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

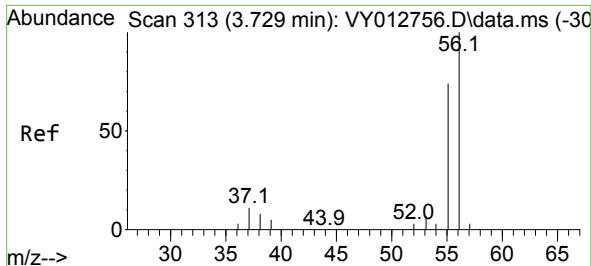
Tgt Ion: 59 Resp: 32274
Ion Ratio Lower Upper
59 100
57 5.4 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 51.788 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

Tgt Ion: 96 Resp: 53520
Ion Ratio Lower Upper
96 100
61 156.1 131.7 197.5
98 63.5 52.0 78.0

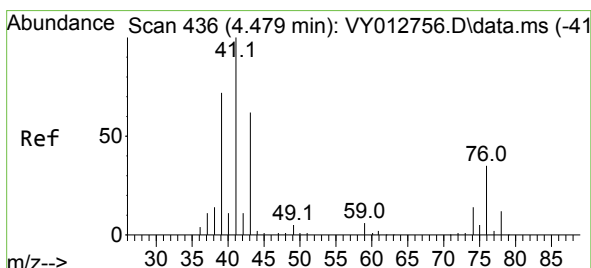
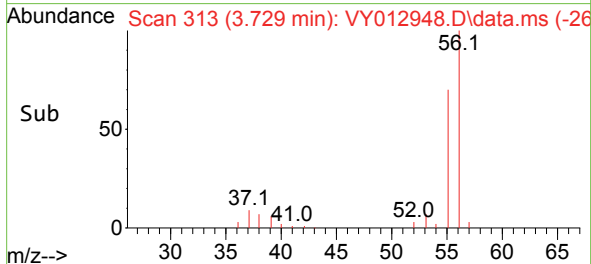
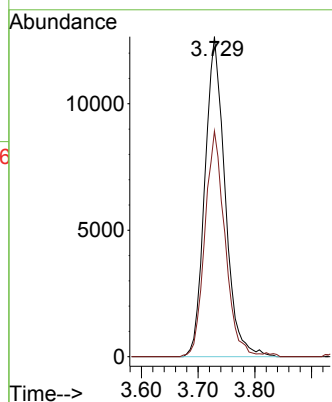
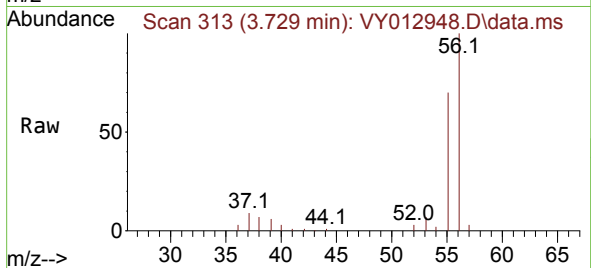




#13
Acrolein
Concen: 178.834 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

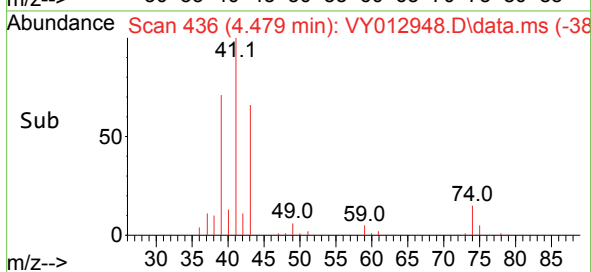
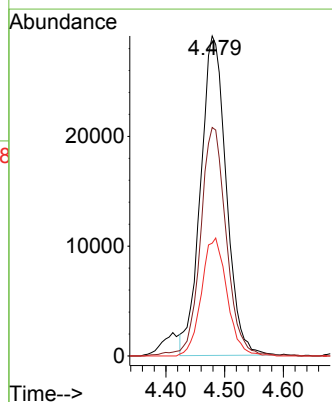
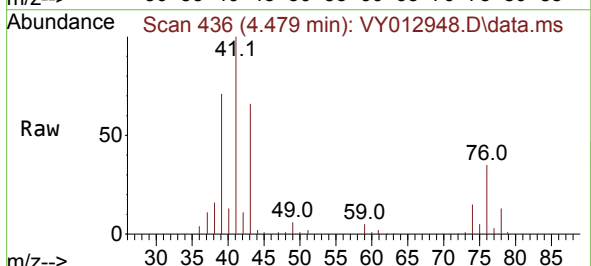
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

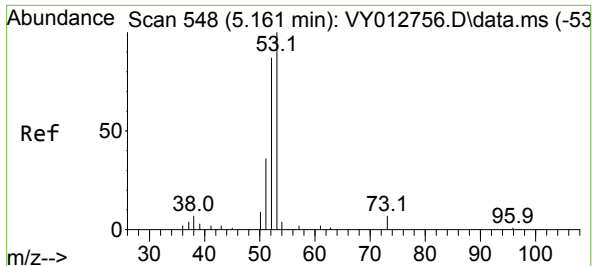
Tgt Ion: 56 Resp: 31219
Ion Ratio Lower Upper
56 100
55 70.5 56.8 85.2



#14
Allyl chloride
Concen: 46.188 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

Tgt Ion: 41 Resp: 88172
Ion Ratio Lower Upper
41 100
39 72.3 53.6 80.4
76 36.9 27.2 40.8





#15

Acrylonitrile

Concen: 271.474 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY012948.D

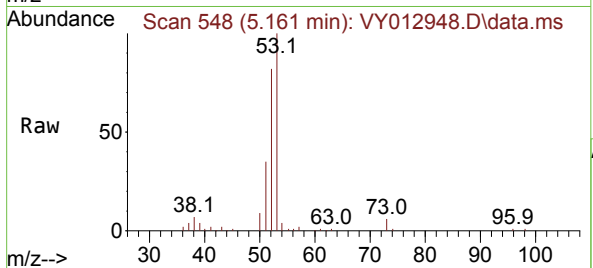
Acq: 14 Mar 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



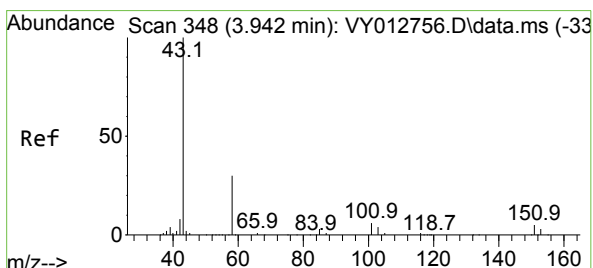
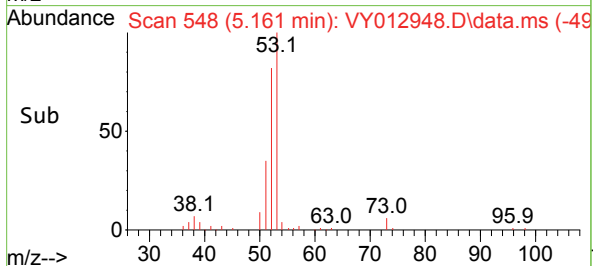
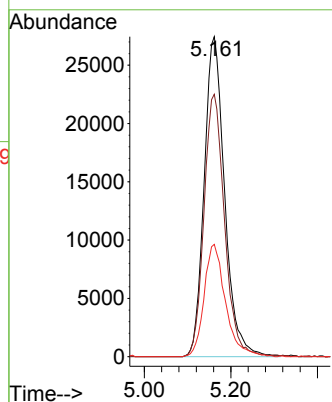
Tgt Ion: 53 Resp: 90278

Ion Ratio Lower Upper

53 100

52 82.2 66.3 99.5

51 36.7 28.8 43.2



#16

Acetone

Concen: 275.142 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY012948.D

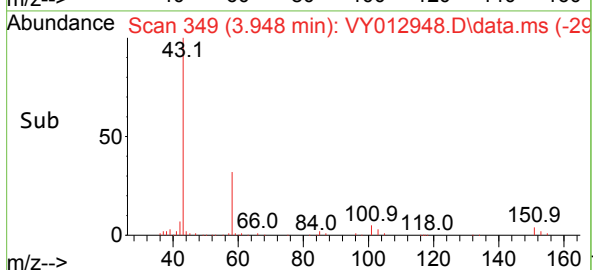
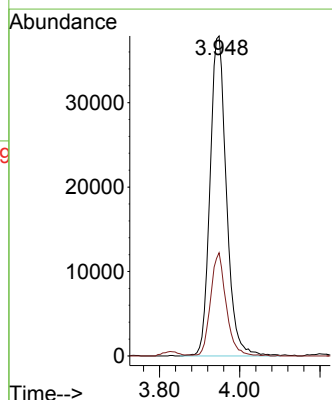
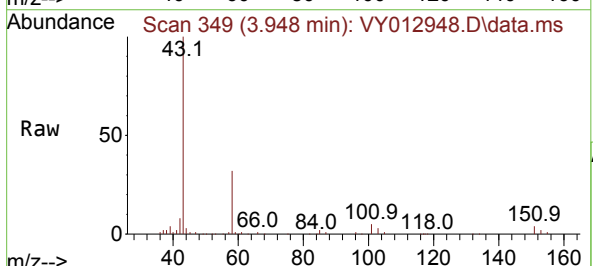
Acq: 14 Mar 2023 17:43

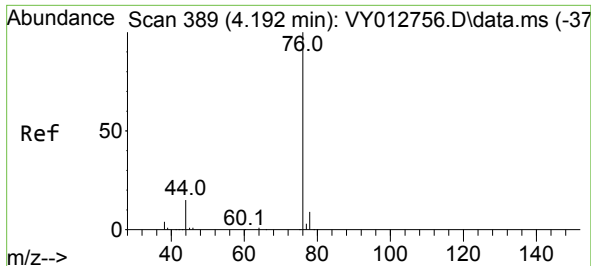
Tgt Ion: 43 Resp: 107607

Ion Ratio Lower Upper

43 100

58 32.3 24.2 36.2

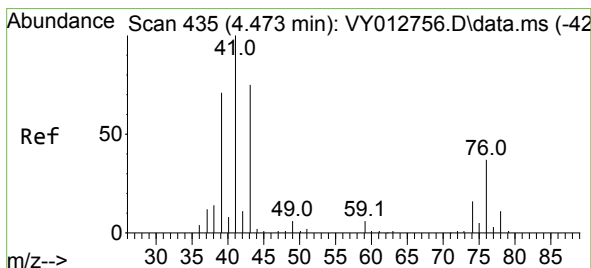
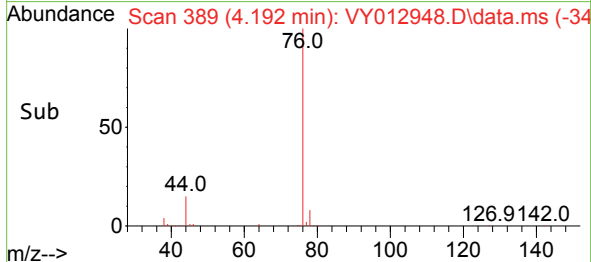
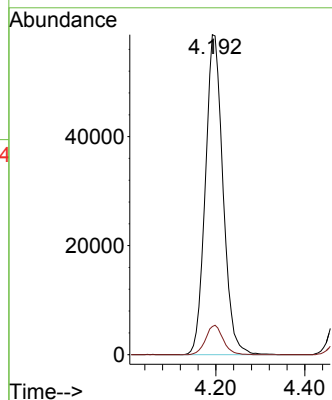
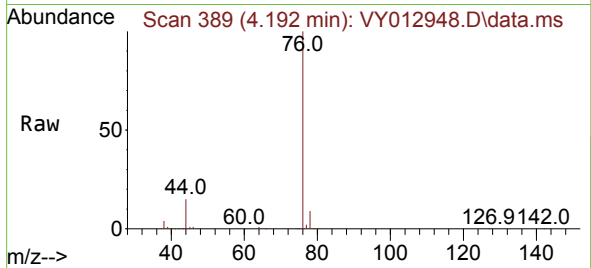




#17
Carbon Disulfide
Concen: 46.118 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

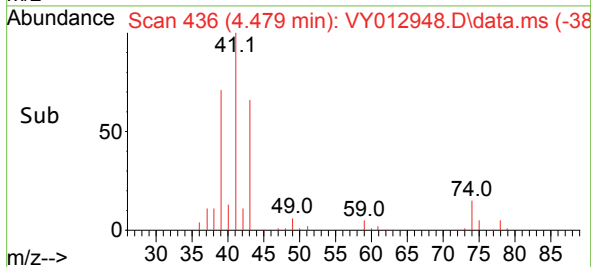
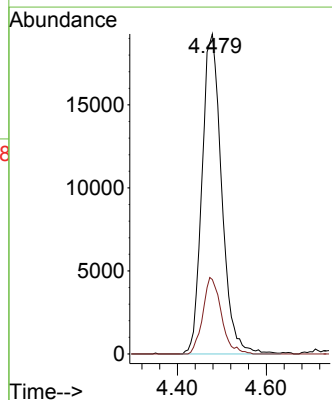
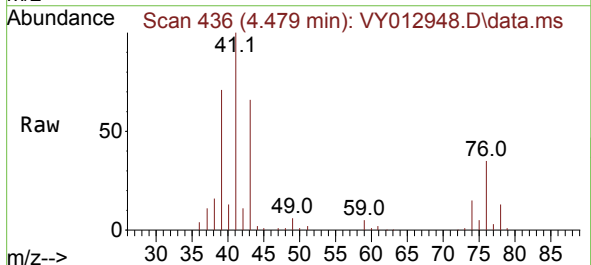
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

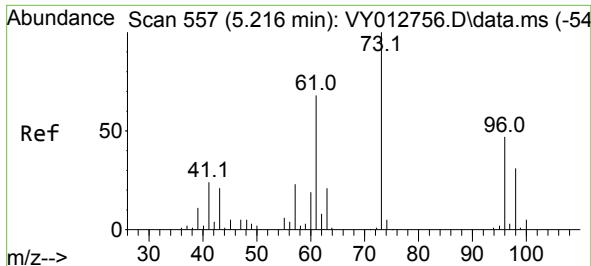
Tgt Ion: 76 Resp: 162228
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 50.924 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

Tgt Ion: 43 Resp: 59310
Ion Ratio Lower Upper
43 100
74 22.6 17.4 26.0

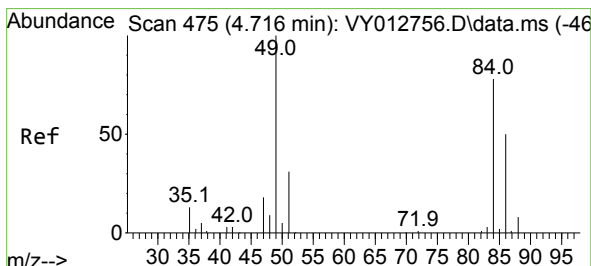
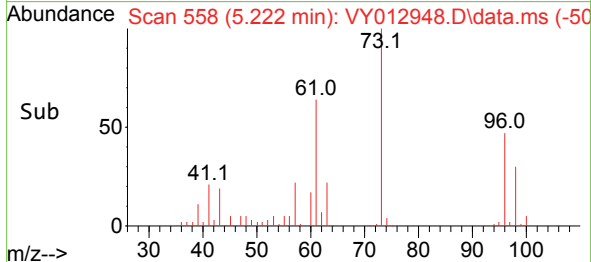
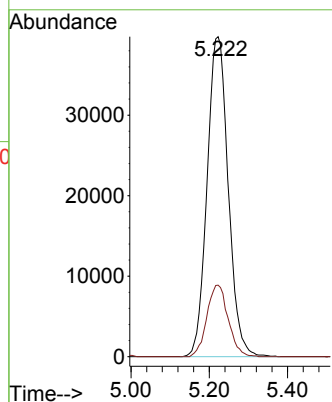
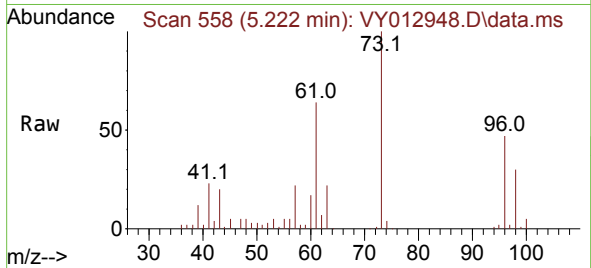




#19
Methyl tert-butyl Ether
Concen: 55.766 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

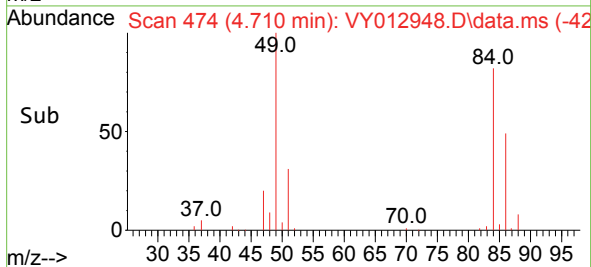
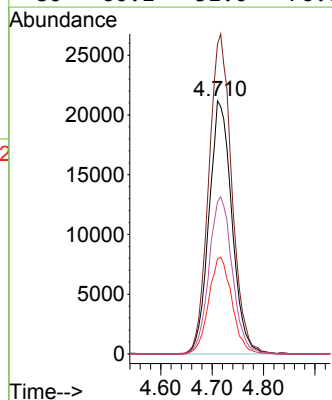
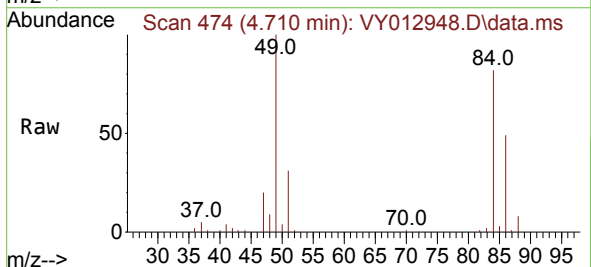
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

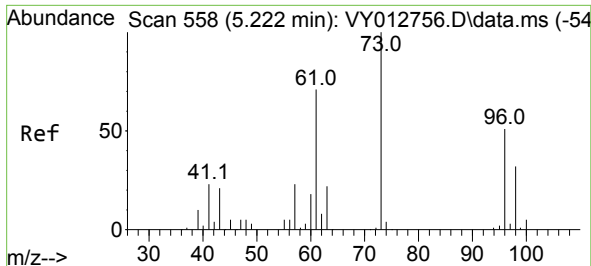
Tgt Ion: 73 Resp: 148859
Ion Ratio Lower Upper
73 100
57 22.3 18.3 27.5



#20
Methylene Chloride
Concen: 55.390 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

Tgt Ion: 84 Resp: 65414
Ion Ratio Lower Upper
84 100
49 122.1 102.6 154.0
51 37.5 31.9 47.9
86 60.1 51.0 76.6

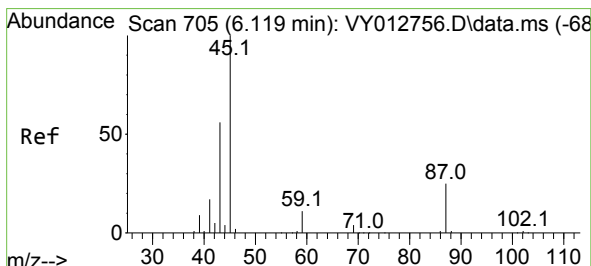
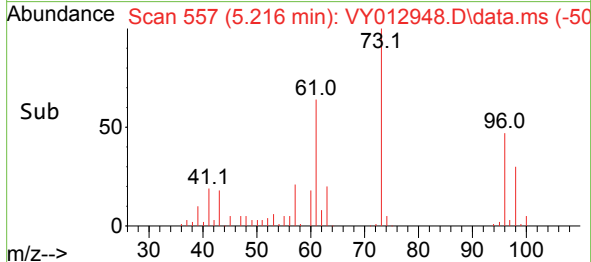
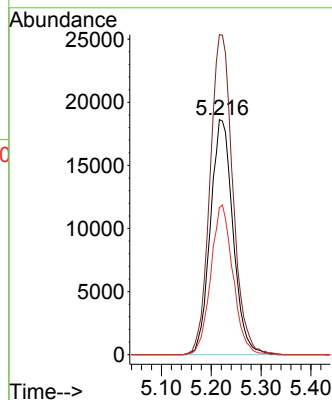
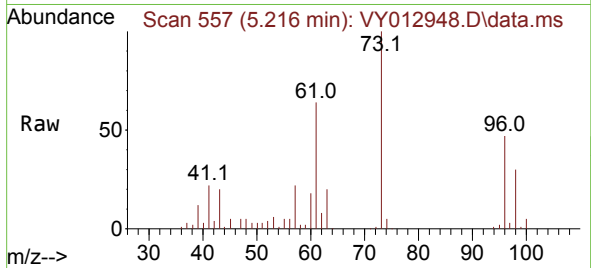




#21
trans-1,2-Dichloroethene
Concen: 52.244 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

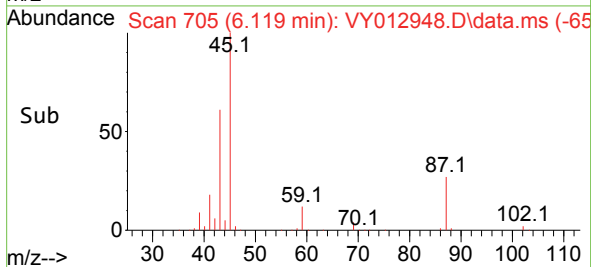
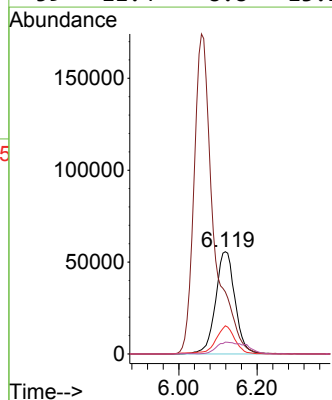
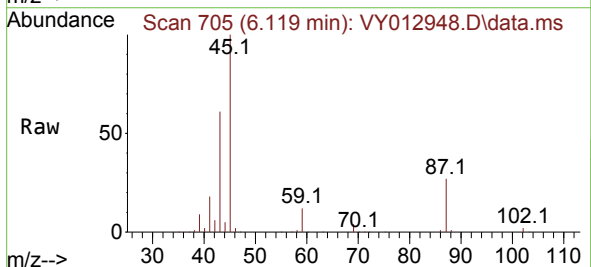
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

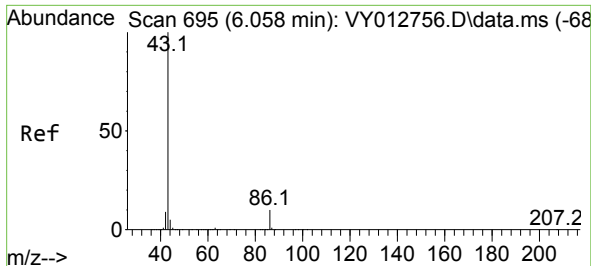
Tgt Ion: 96 Resp: 58672
Ion Ratio Lower Upper
96 100
61 136.1 111.4 167.0
98 62.6 50.8 76.2



#22
Diisopropyl ether
Concen: 55.386 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

Tgt Ion: 45 Resp: 192038
Ion Ratio Lower Upper
45 100
43 60.2 45.0 67.6
87 27.5 20.3 30.5
59 11.4 8.8 13.2

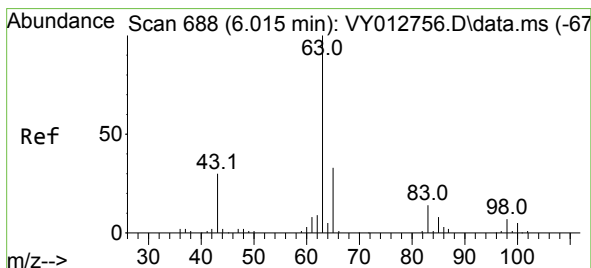
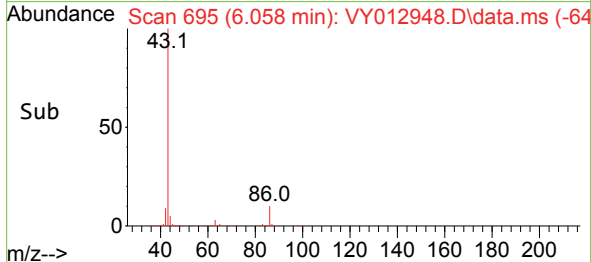
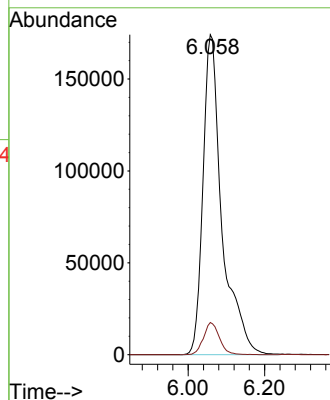
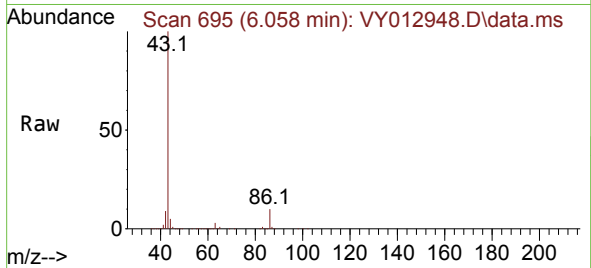




#23
 Vinyl Acetate
 Concen: 278.721 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012948.D
 Acq: 14 Mar 2023 17:43

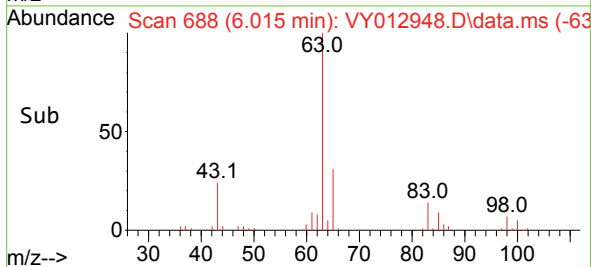
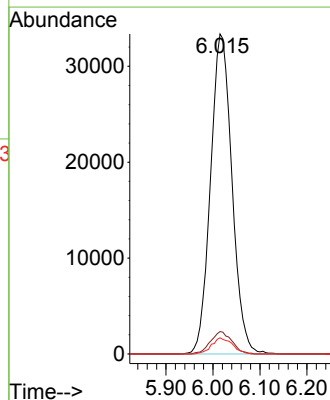
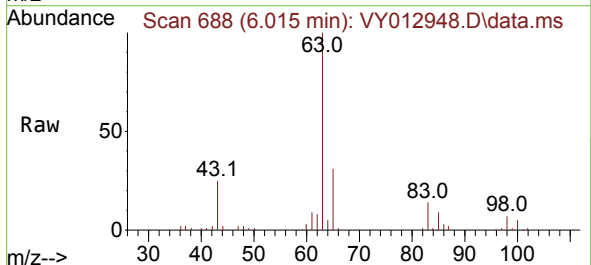
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

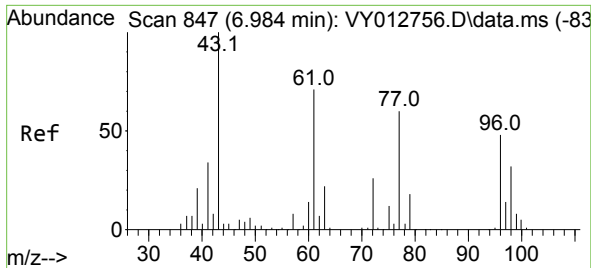
Tgt Ion: 43 Resp: 600461
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 53.590 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012948.D
 Acq: 14 Mar 2023 17:43

Tgt Ion: 63 Resp: 105881
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.7 11.1
 100 5.1 2.3 6.8

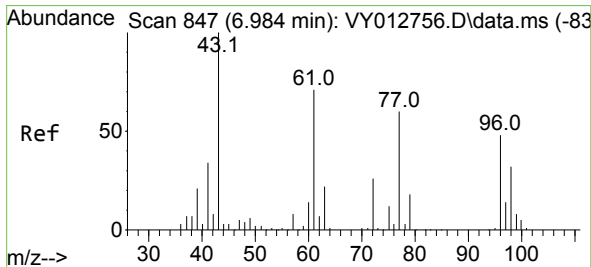
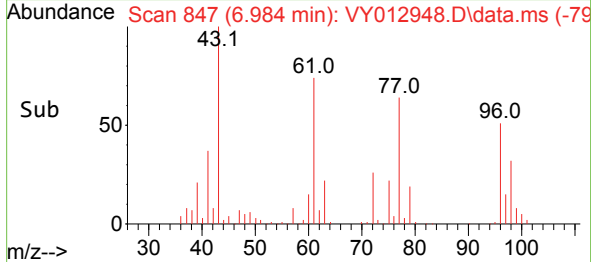
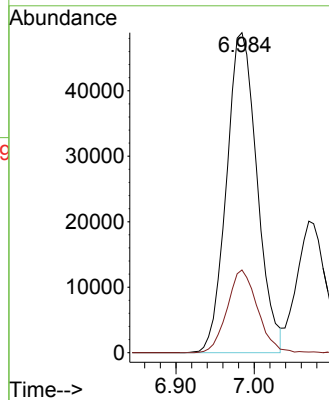
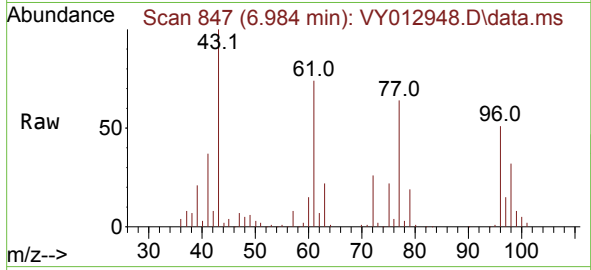




#25
2-Butanone
Concen: 273.325 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

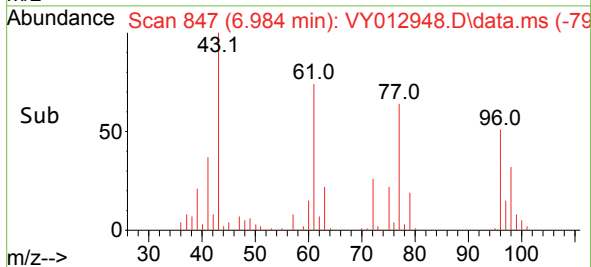
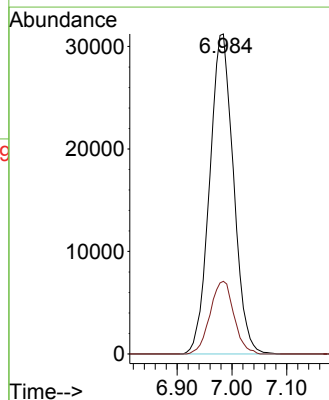
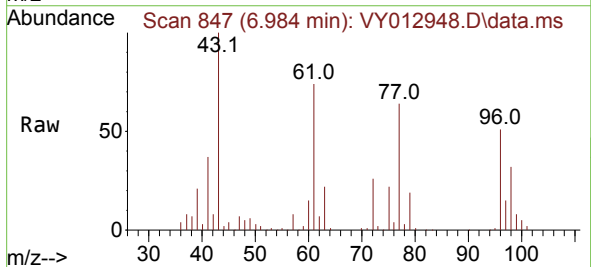
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

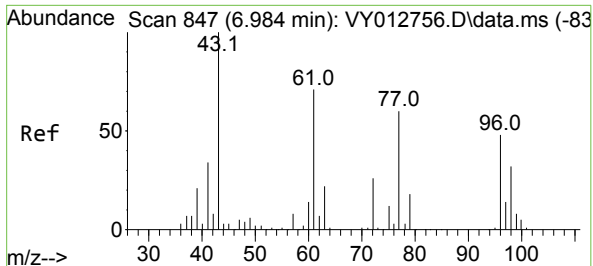
Tgt Ion: 43 Resp: 132400
Ion Ratio Lower Upper
43 100
72 25.8 21.0 31.4



#26
2,2-Dichloropropane
Concen: 53.715 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

Tgt Ion: 77 Resp: 94257
Ion Ratio Lower Upper
77 100
97 22.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 54.992 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

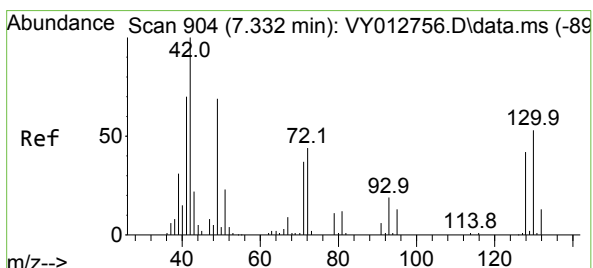
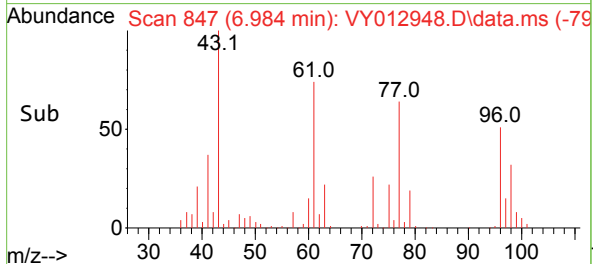
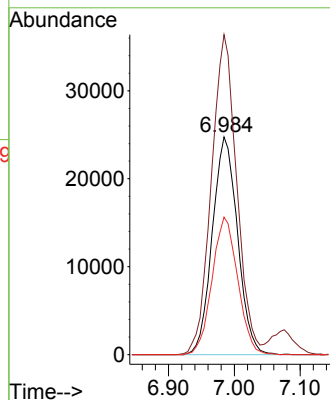
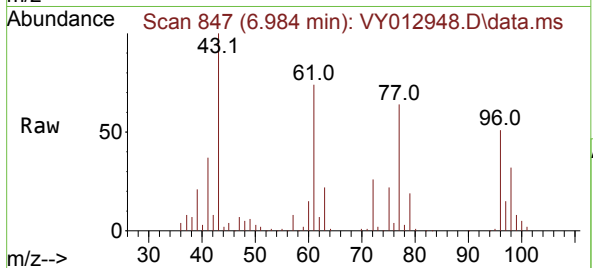
Tgt Ion: 96 Resp: 66213

Ion Ratio Lower Upper

96 100

61 147.1 0.0 295.8

98 64.2 0.0 130.2



#28

Bromochloromethane

Concen: 53.172 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

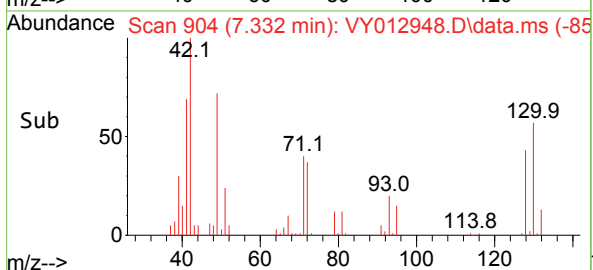
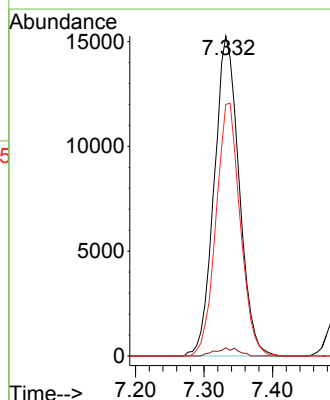
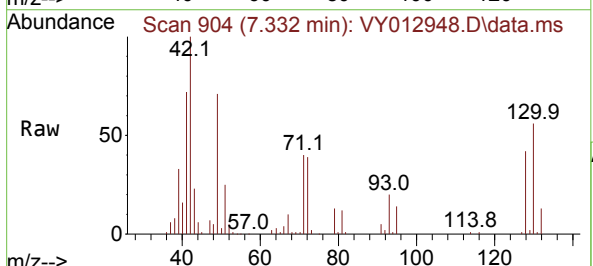
Tgt Ion: 49 Resp: 38391

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

130 77.0 60.5 90.7





#29

Tetrahydrofuran

Concen: 272.763 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

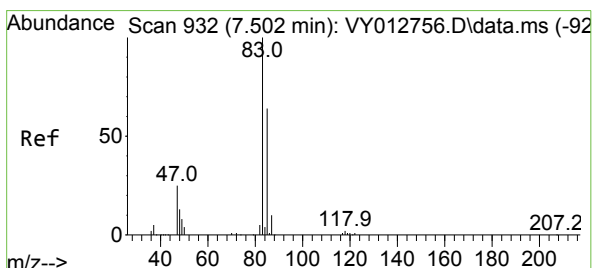
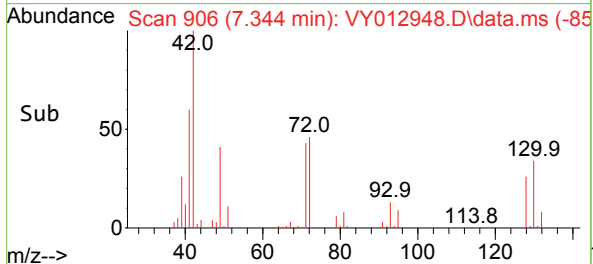
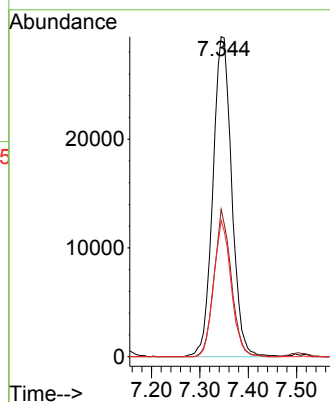
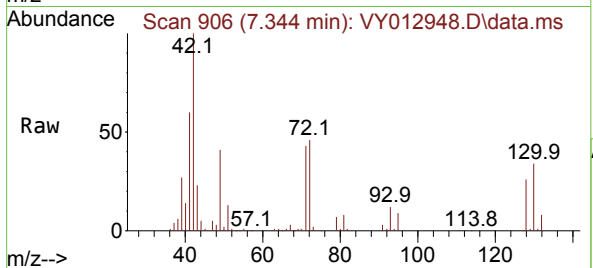
Tgt Ion: 42 Resp: 79689

Ion Ratio Lower Upper

42 100

72 42.1 32.3 48.5

71 39.4 30.3 45.5



#30

Chloroform

Concen: 56.106 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY012948.D

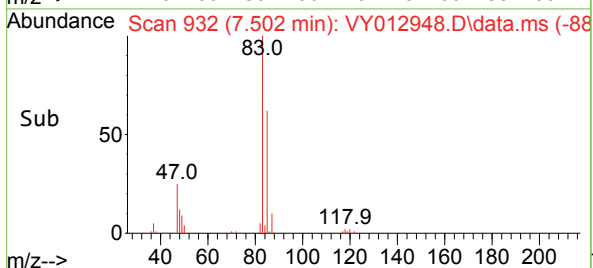
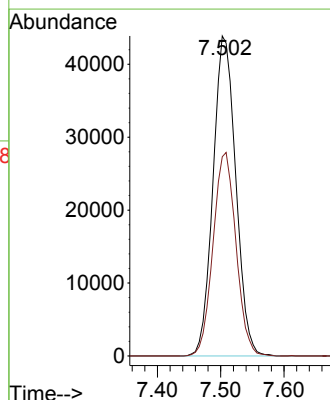
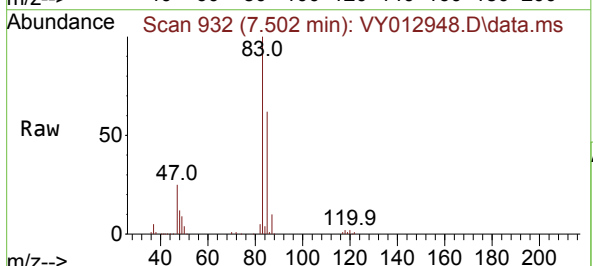
Acq: 14 Mar 2023 17:43

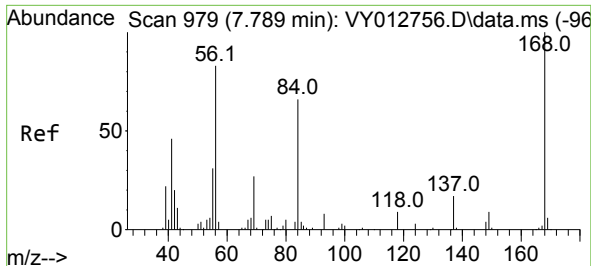
Tgt Ion: 83 Resp: 109494

Ion Ratio Lower Upper

83 100

85 62.2 51.4 77.0





#31

Cyclohexane

Concen: 47.139 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

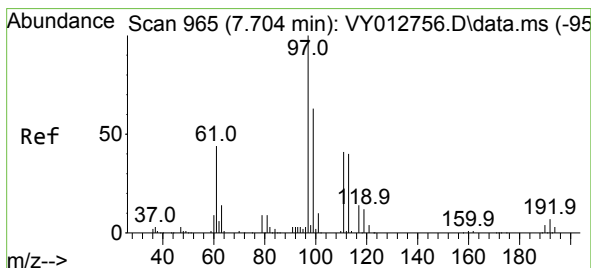
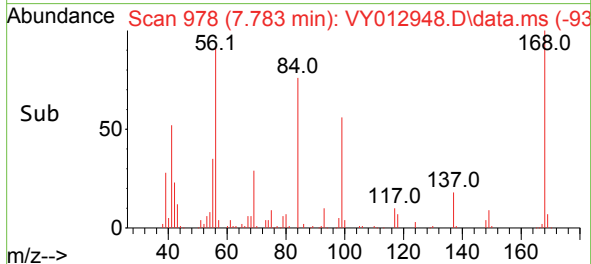
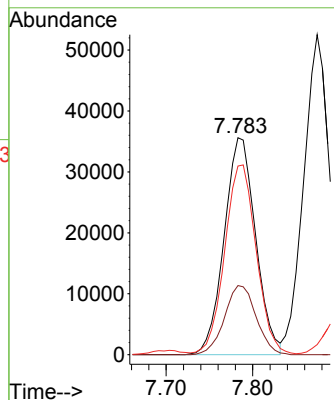
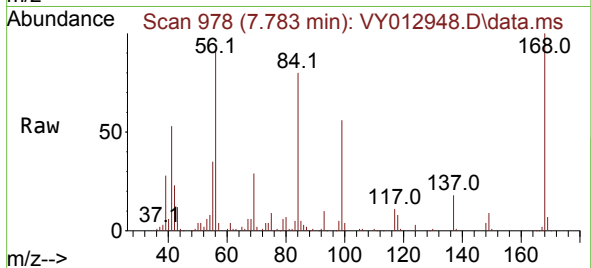
Tgt Ion: 56 Resp: 89956

Ion Ratio Lower Upper

56 100

69 31.9 25.7 38.5

84 85.8 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 54.274 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

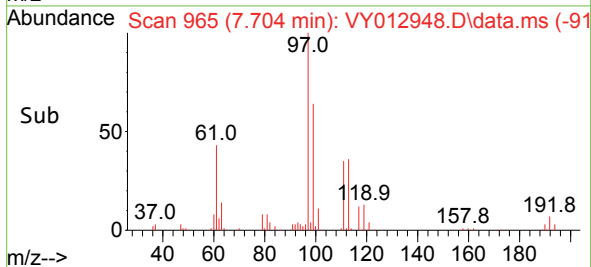
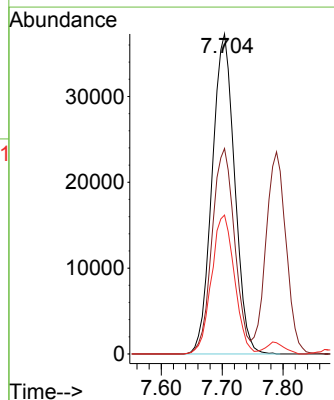
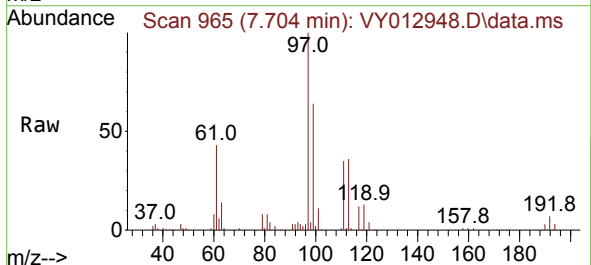
Tgt Ion: 97 Resp: 95785

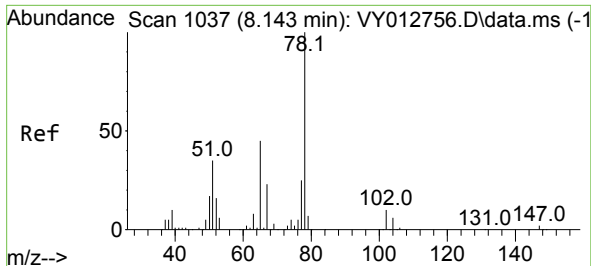
Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.6

61 44.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 45.568 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

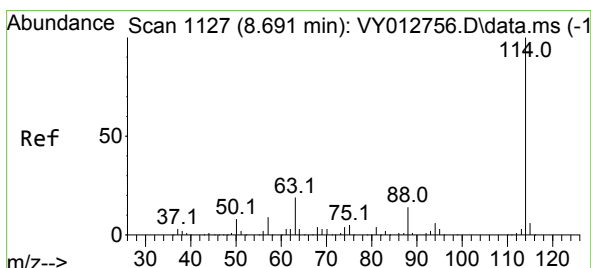
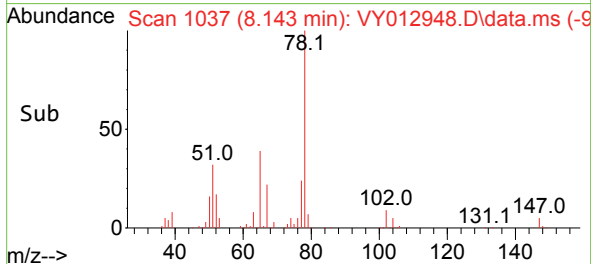
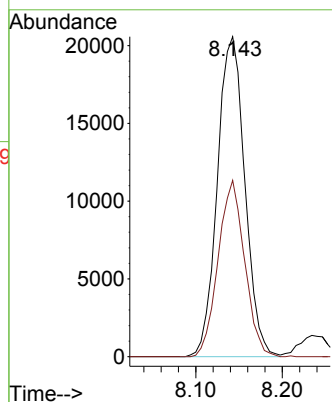
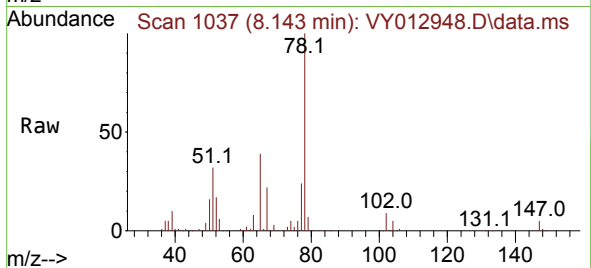
VSTDCCC050EC

Tgt Ion: 65 Resp: 45404

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

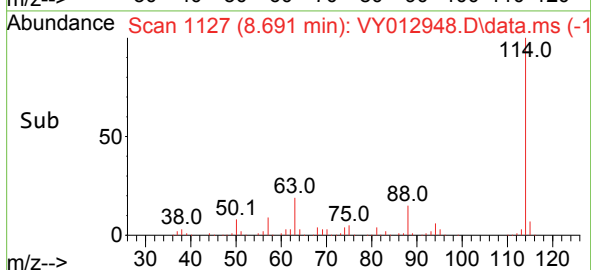
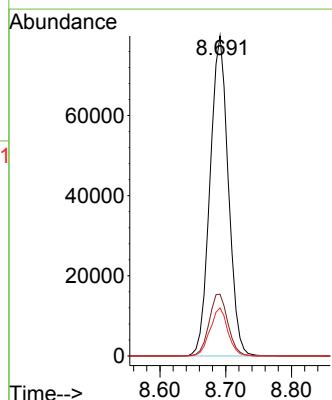
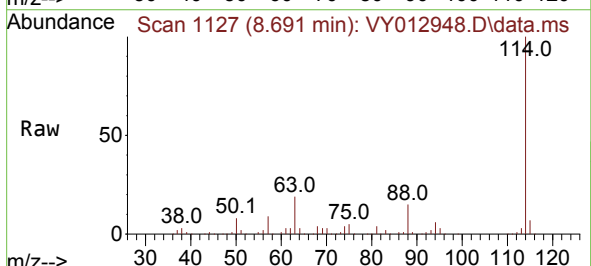
Tgt Ion: 114 Resp: 154143

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 15.0 0.0 28.6

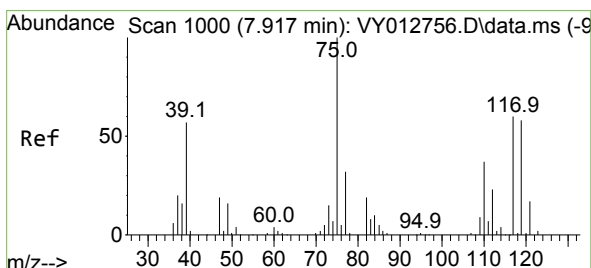
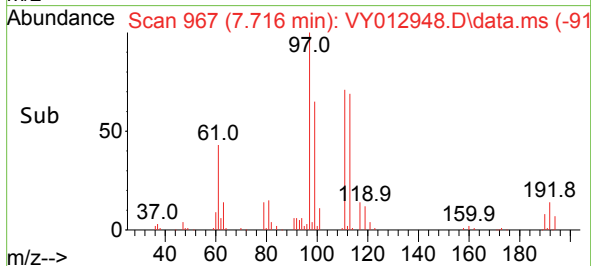
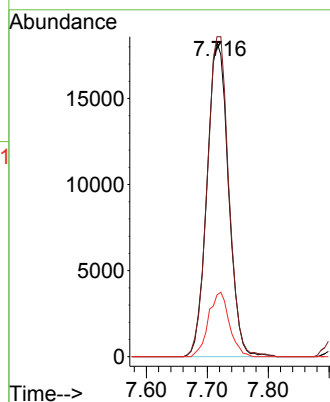
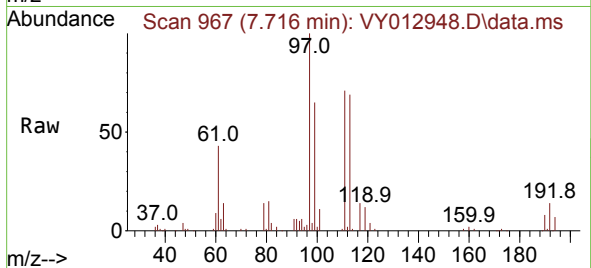




#35
Dibromofluoromethane
Concen: 48.070 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

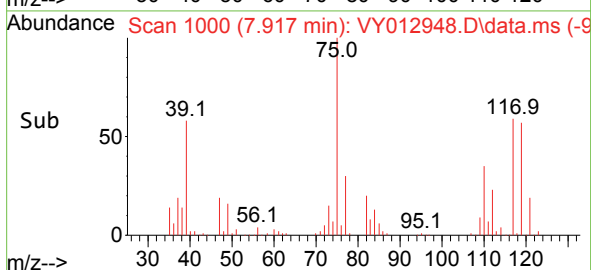
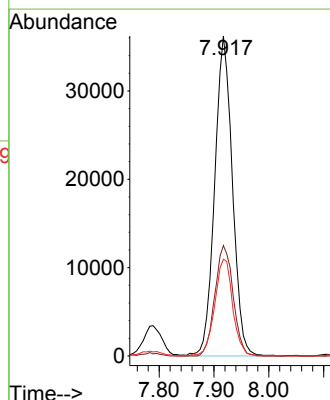
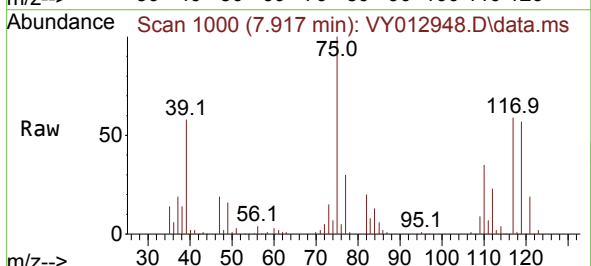
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

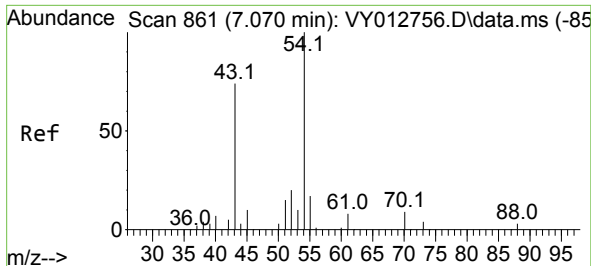
Tgt Ion:113 Resp: 44717
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 20.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 52.170 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

Tgt Ion: 75 Resp: 81327
Ion Ratio Lower Upper
75 100
110 35.5 17.8 53.3
77 30.8 25.0 37.4





#37

Ethyl Acetate

Concen: 54.213 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

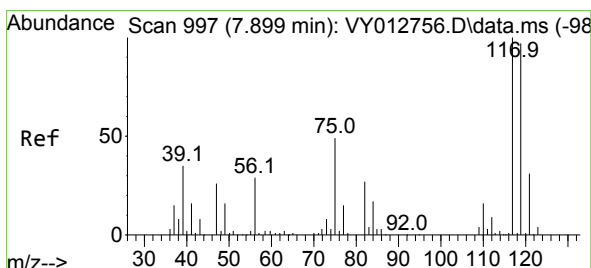
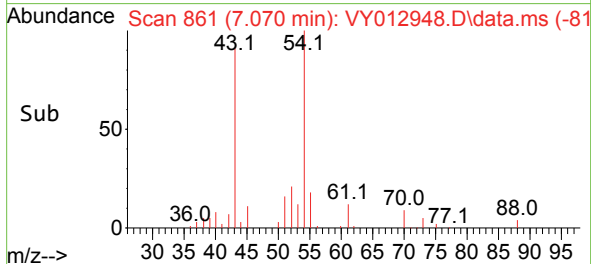
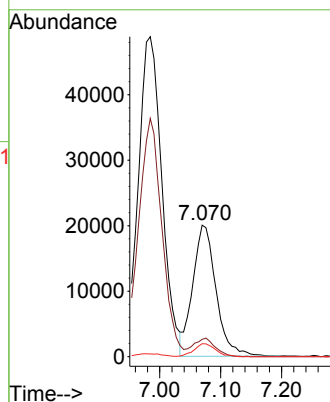
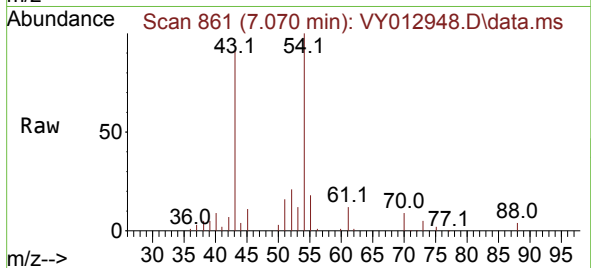
Tgt Ion: 43 Resp: 53267

Ion Ratio Lower Upper

43 100

61 12.8 10.7 16.1

70 9.2 7.8 11.8



#38

Carbon Tetrachloride

Concen: 55.227 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

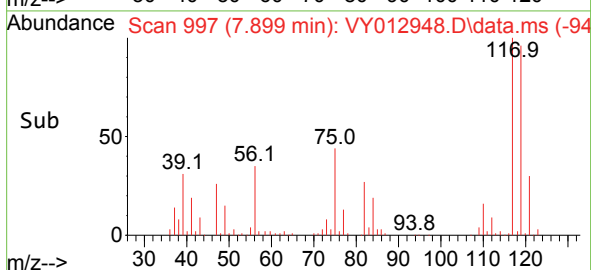
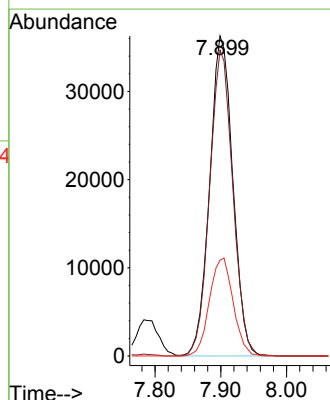
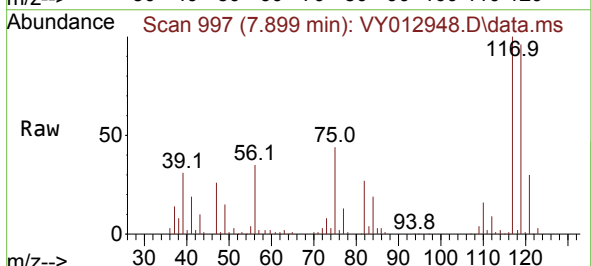
Tgt Ion: 117 Resp: 88905

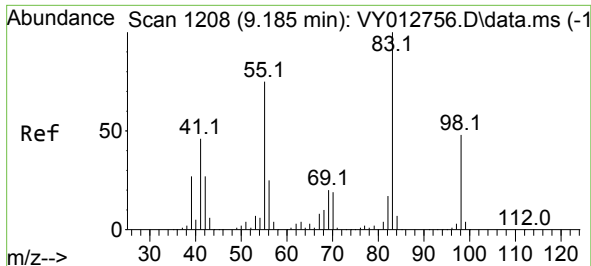
Ion Ratio Lower Upper

117 100

119 95.6 77.2 115.8

121 30.0 24.7 37.1





#39

Methylcyclohexane

Concen: 51.260 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

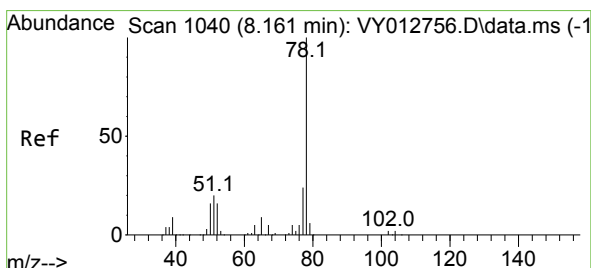
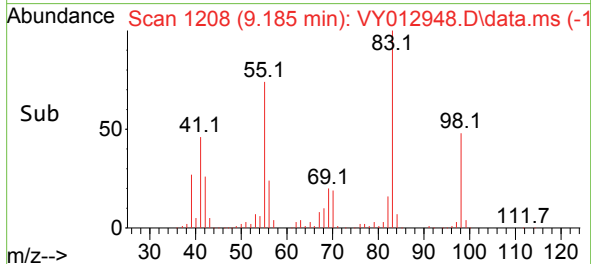
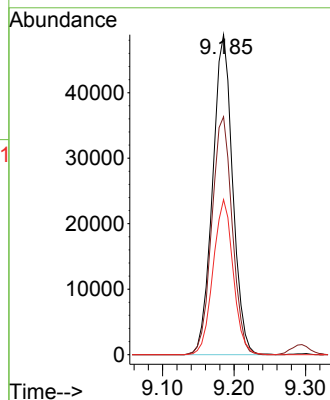
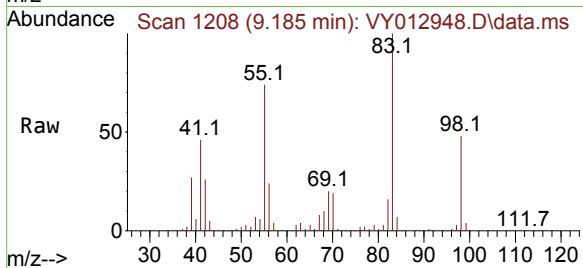
Tgt Ion: 83 Resp: 95002

Ion Ratio Lower Upper

83 100

55 74.4 60.0 90.0

98 48.5 38.3 57.5



#40

Benzene

Concen: 53.970 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012948.D

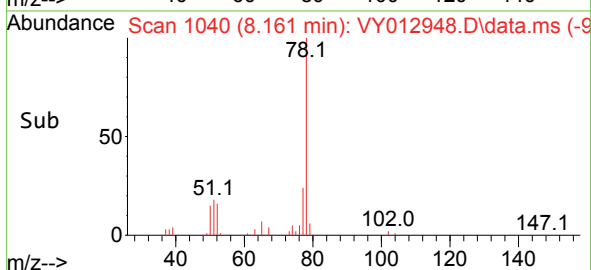
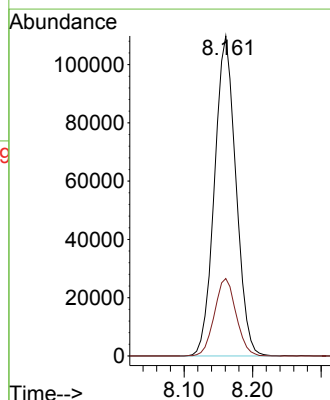
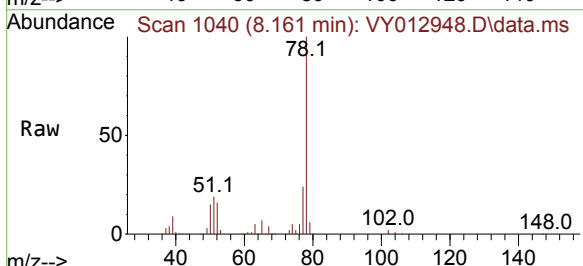
Acq: 14 Mar 2023 17:43

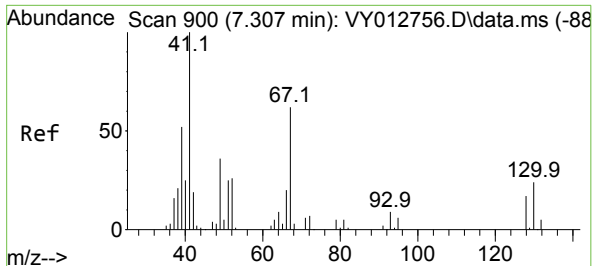
Tgt Ion: 78 Resp: 237991

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0

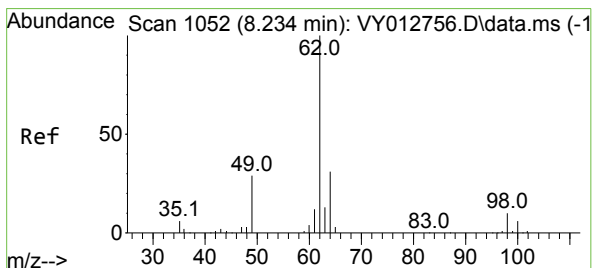
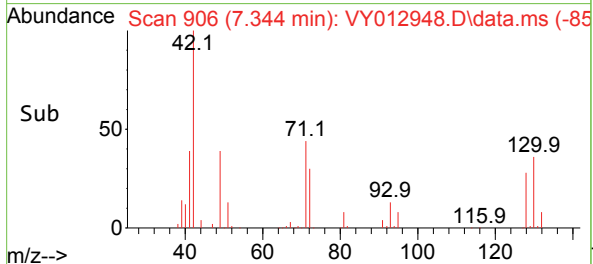
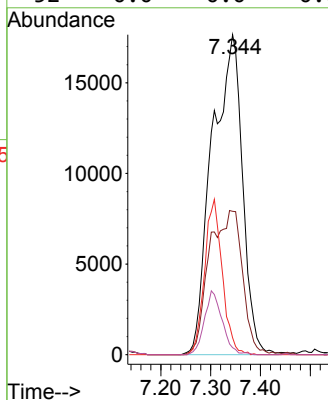
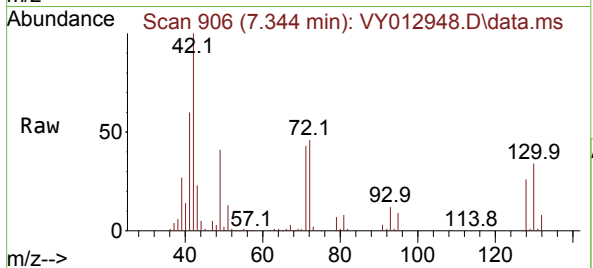




#41
Methacrylonitrile
Concen: 140.518 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

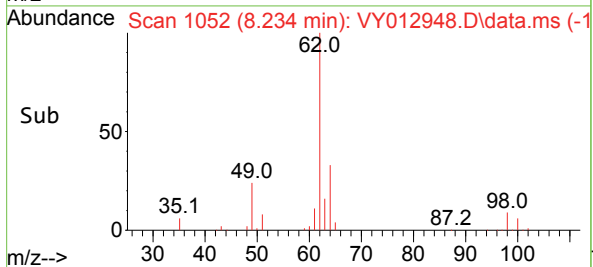
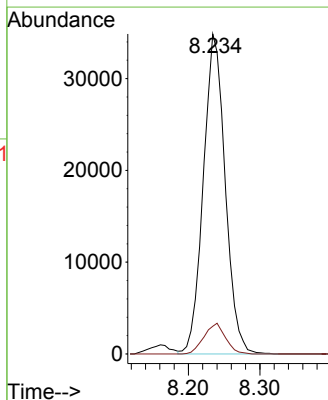
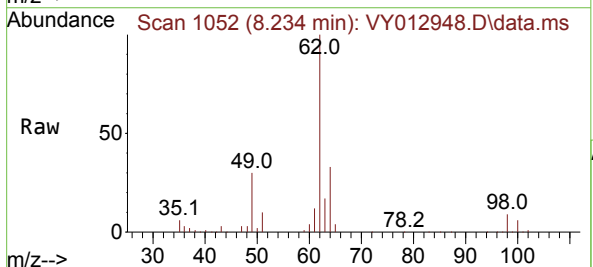
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

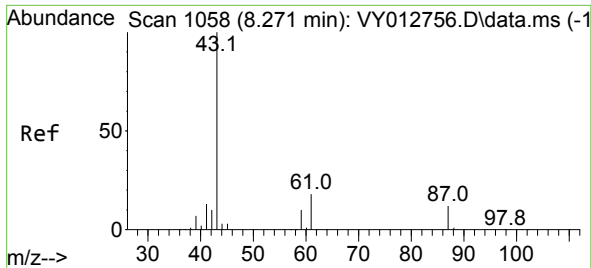
Tgt Ion:	41	Resp:	74386
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 55.911 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

Tgt Ion:	62	Resp:	74124
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.8

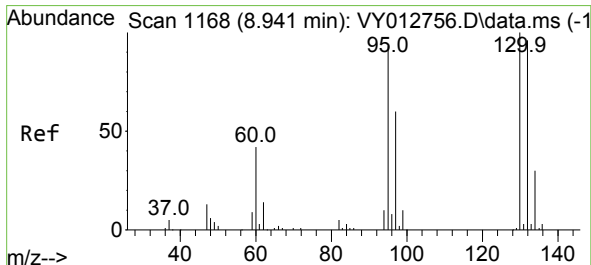
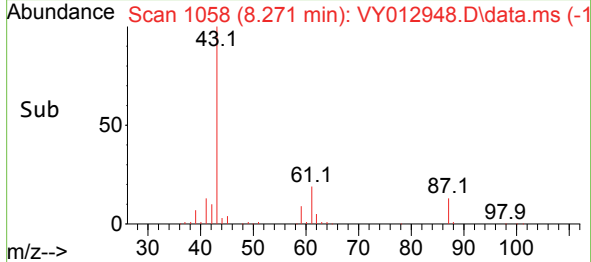
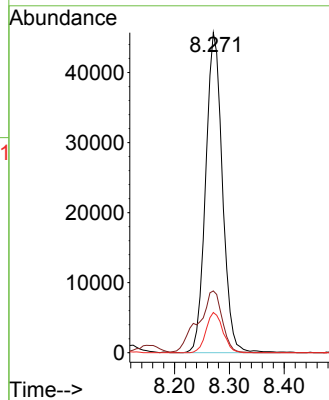
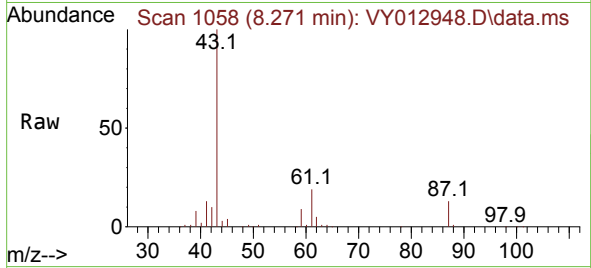




#43
Isopropyl Acetate
Concen: 55.104 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

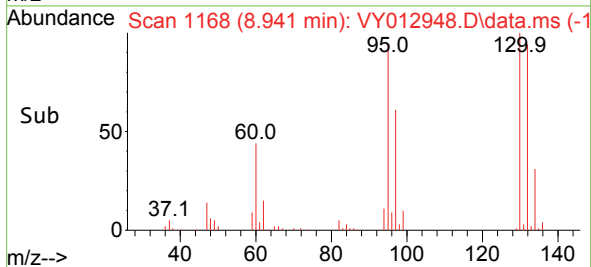
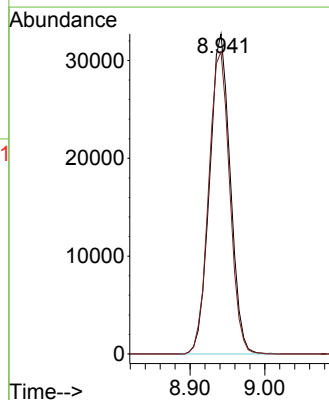
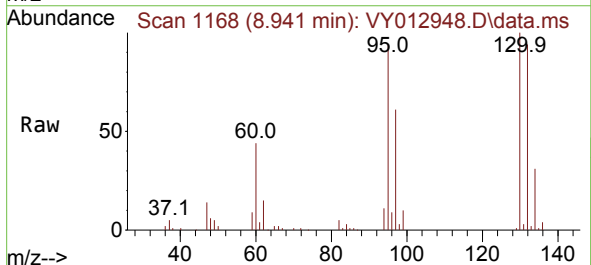
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

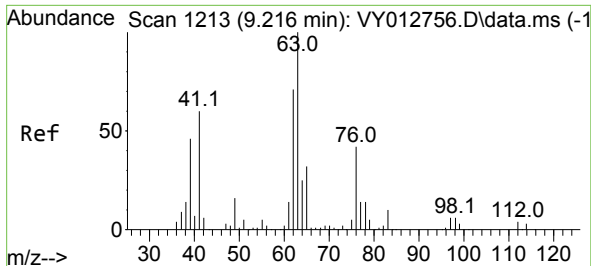
Tgt Ion:	43	Resp:	96596
Ion	Ratio	Lower	Upper
43	100		
61	27.6	21.6	32.4
87	12.6	9.9	14.9



#44
Trichloroethene
Concen: 53.937 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

Tgt Ion:	130	Resp:	62709
Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	185.0





#45

1,2-Dichloropropane

Concen: 54.564 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

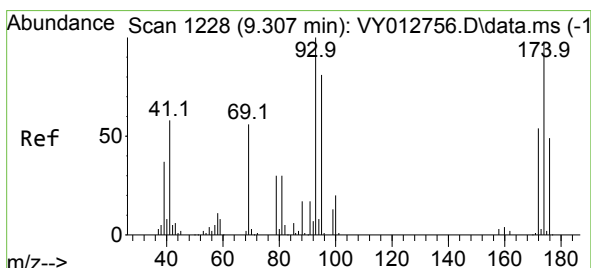
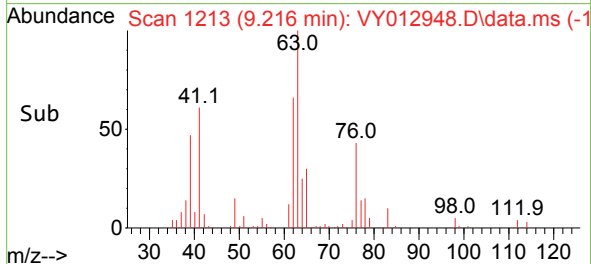
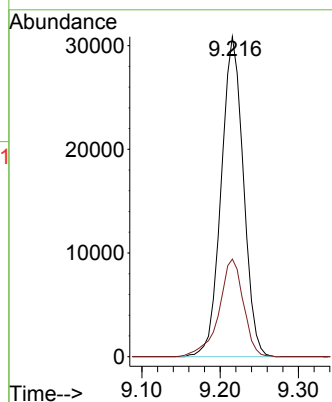
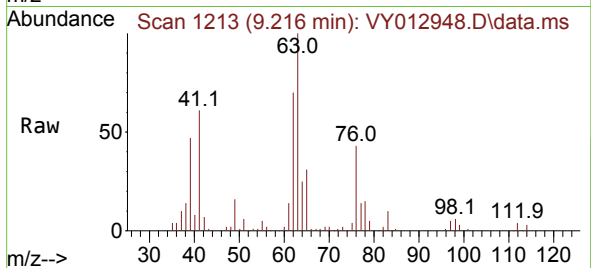
VSTDCCC050EC

Tgt Ion: 63 Resp: 60809

Ion Ratio Lower Upper

63 100

65 30.5 25.7 38.5



#46

Dibromomethane

Concen: 56.382 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

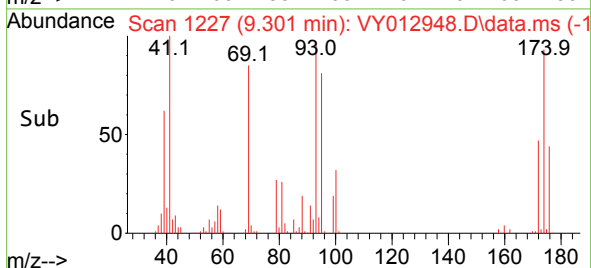
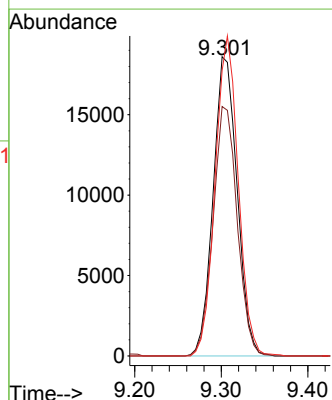
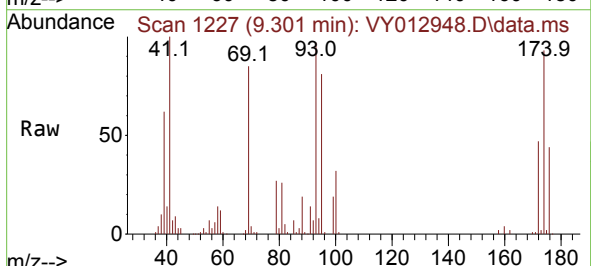
Tgt Ion: 93 Resp: 35797

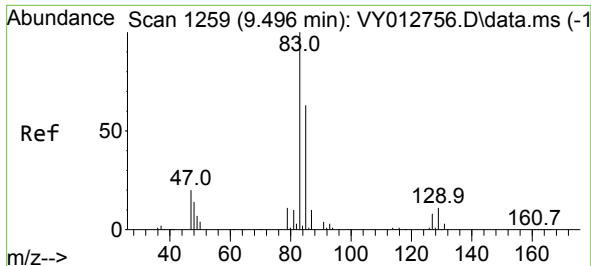
Ion Ratio Lower Upper

93 100

95 84.0 65.6 98.4

174 103.0 81.3 121.9

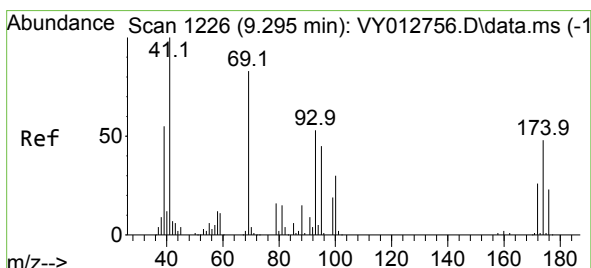
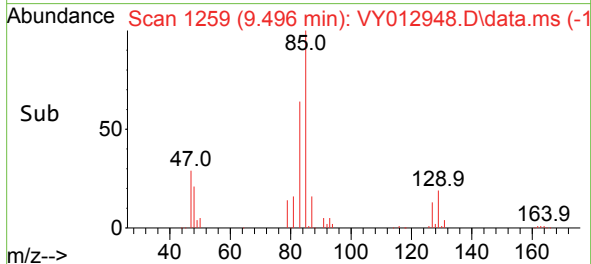
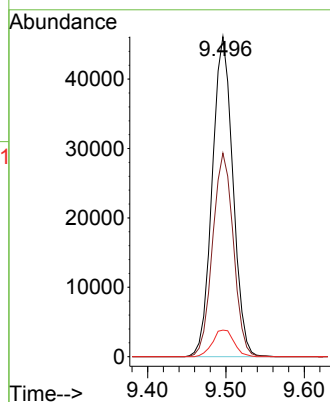
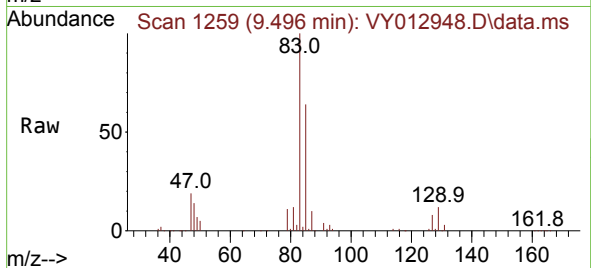




#47
Bromodichloromethane
Concen: 56.370 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

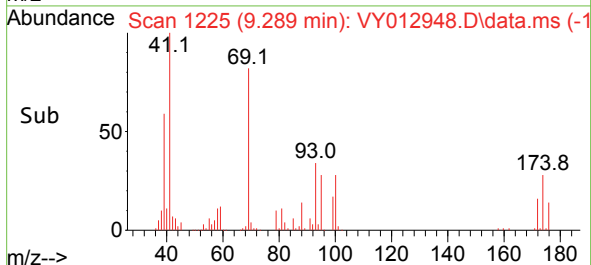
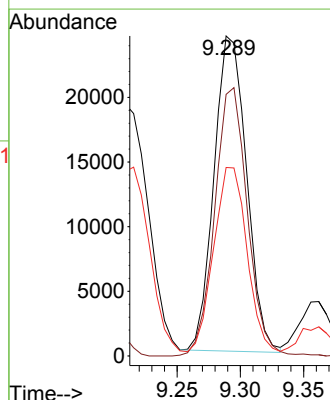
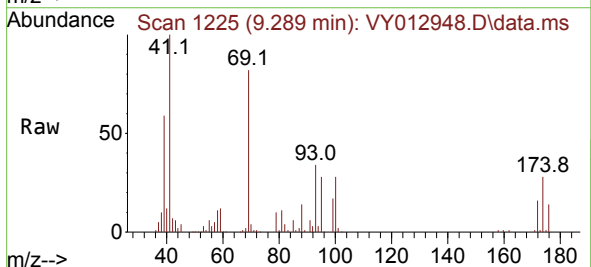
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

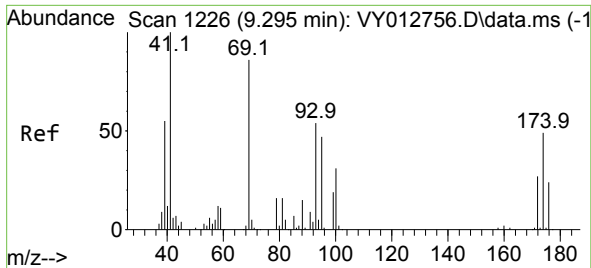
Tgt Ion: 83 Resp: 84339
Ion Ratio Lower Upper
83 100
85 63.6 50.2 75.4
127 8.3 6.3 9.5



#48
Methyl methacrylate
Concen: 54.016 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

Tgt Ion: 41 Resp: 43630
Ion Ratio Lower Upper
41 100
69 85.6 64.1 96.1
39 59.7 44.0 66.0





#49

1,4-Dioxane

Concen: 1212.643 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

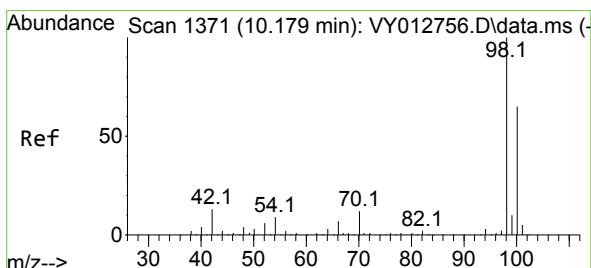
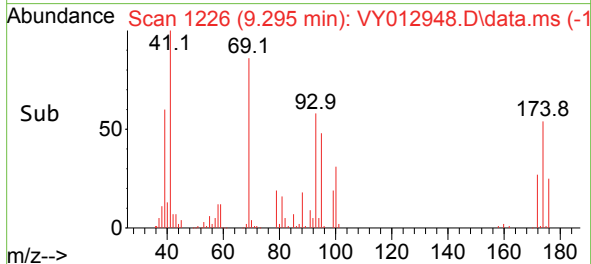
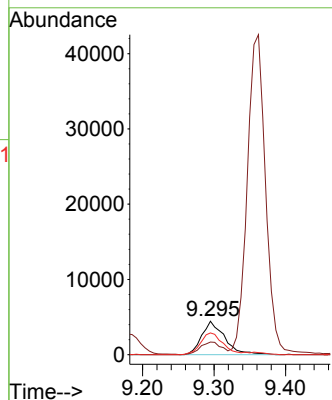
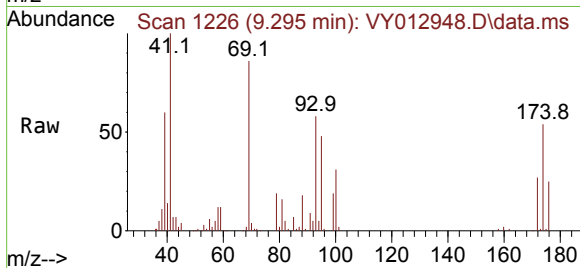
Tgt Ion: 88 Resp: 9953

Ion Ratio Lower Upper

88 100

43 35.0 28.6 42.8

58 62.9 55.2 82.8



#50

Toluene-d8

Concen: 44.468 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012948.D

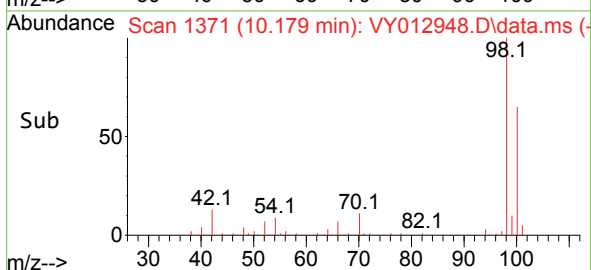
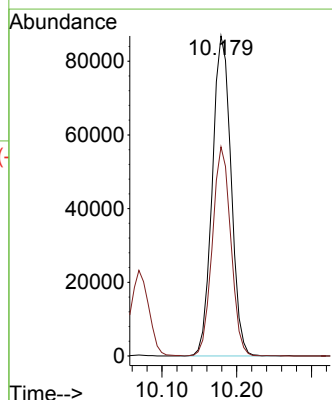
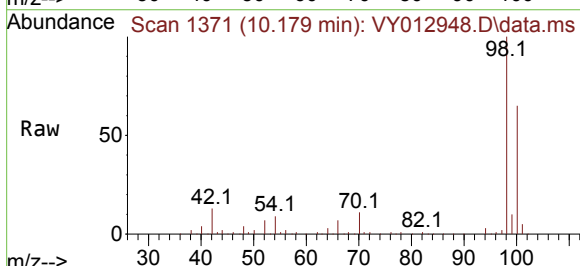
Acq: 14 Mar 2023 17:43

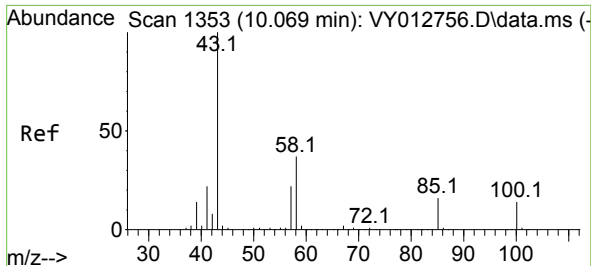
Tgt Ion: 98 Resp: 151229

Ion Ratio Lower Upper

98 100

100 64.5 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 284.453 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

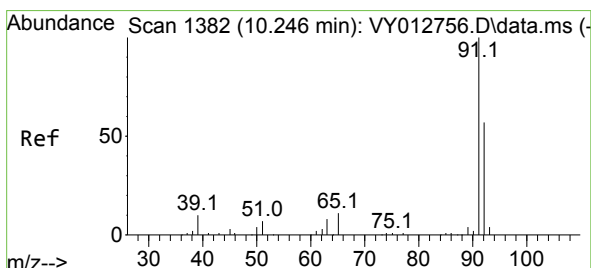
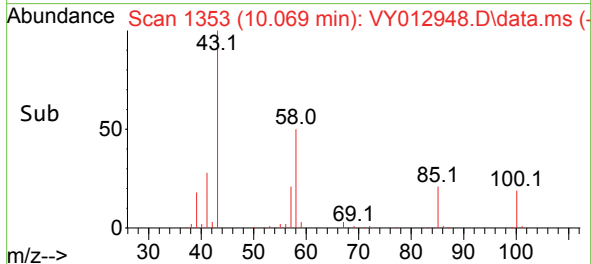
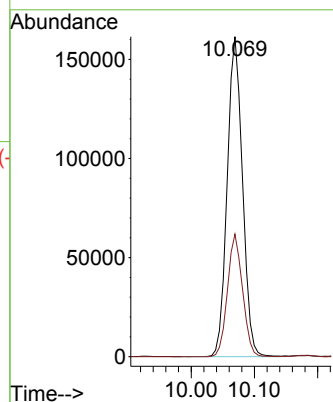
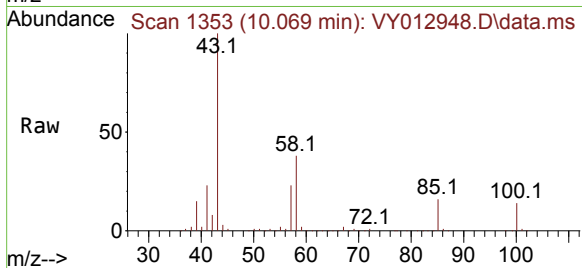
VSTDCCC050EC

Tgt Ion: 43 Resp: 270482

Ion Ratio Lower Upper

43 100

58 37.7 29.8 44.6



#52

Toluene

Concen: 55.578 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY012948.D

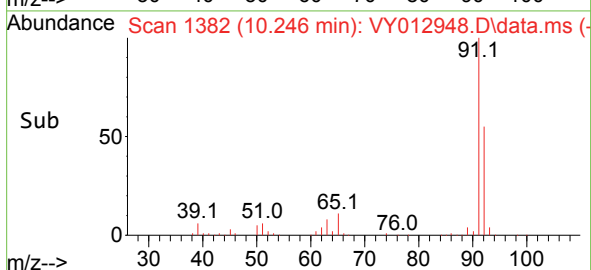
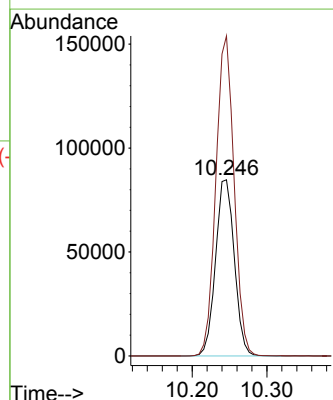
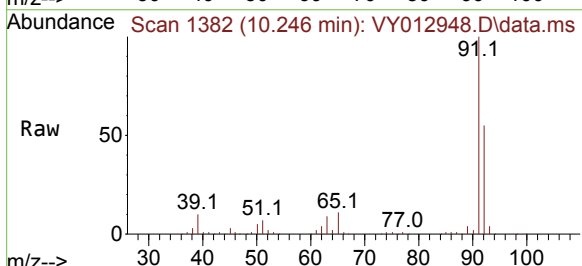
Acq: 14 Mar 2023 17:43

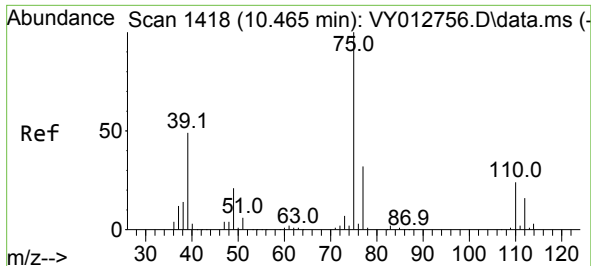
Tgt Ion: 92 Resp: 147805

Ion Ratio Lower Upper

92 100

91 176.1 141.3 211.9





#53

t-1,3-Dichloropropene

Concen: 56.565 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

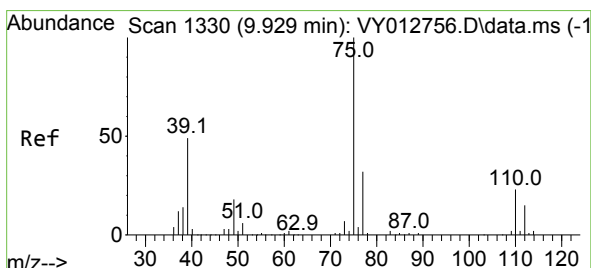
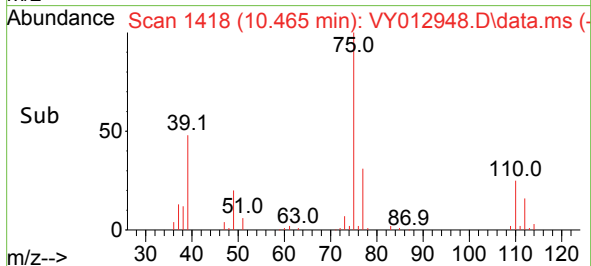
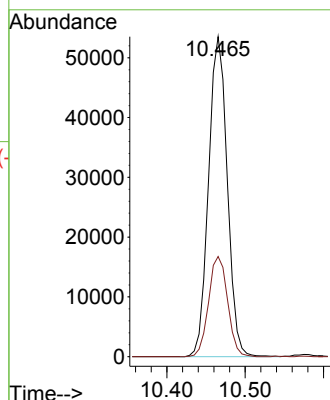
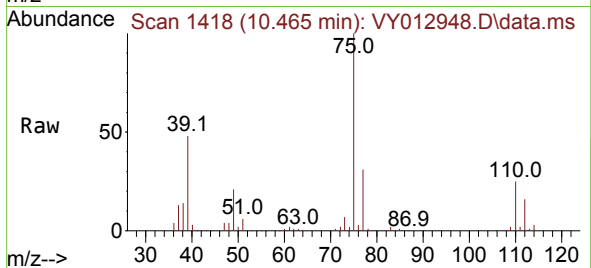
VSTDCCC050EC

Tgt Ion: 75 Resp: 88770

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 55.953 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

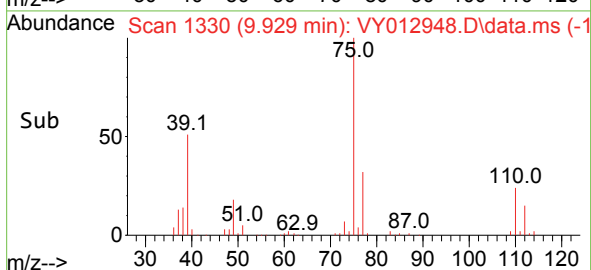
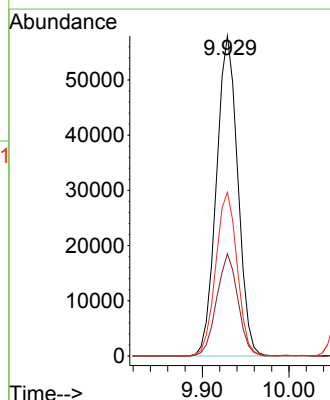
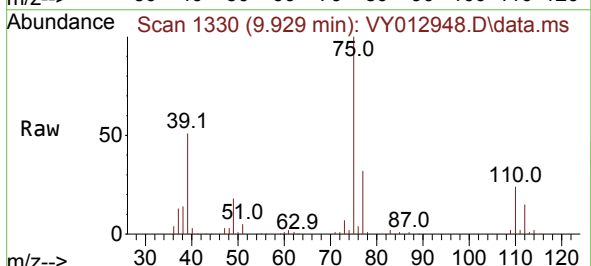
Tgt Ion: 75 Resp: 99388

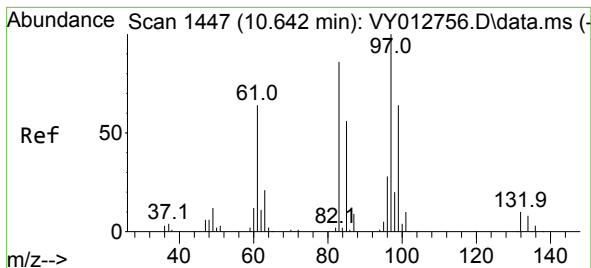
Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

39 51.2 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 57.002 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 50401

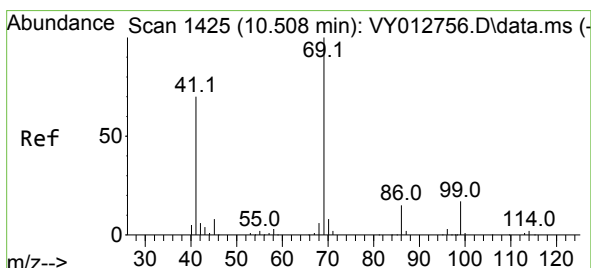
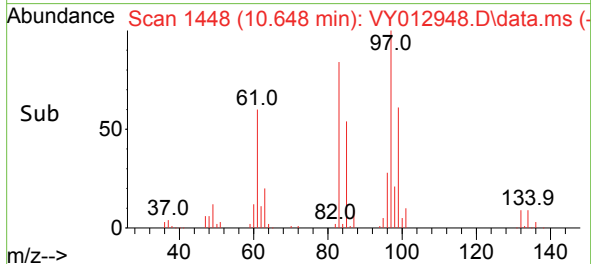
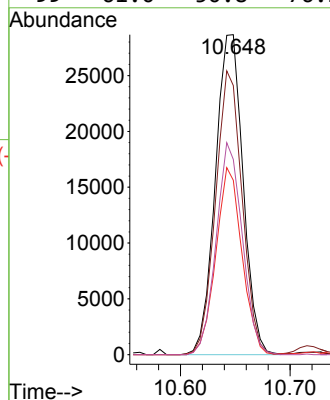
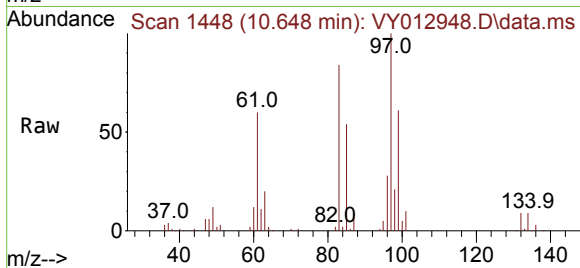
Ion Ratio Lower Upper

97 100

83 84.1 69.0 103.6

85 54.5 44.9 67.3

99 61.0 50.8 76.2



#56

Ethyl methacrylate

Concen: 58.081 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

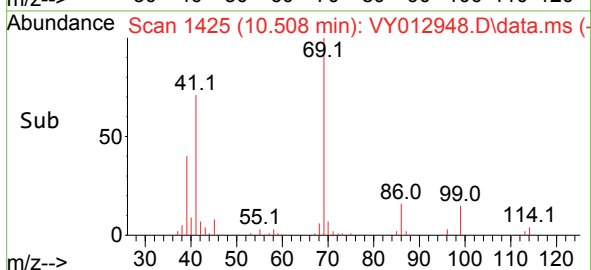
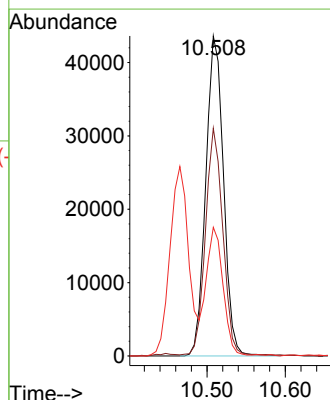
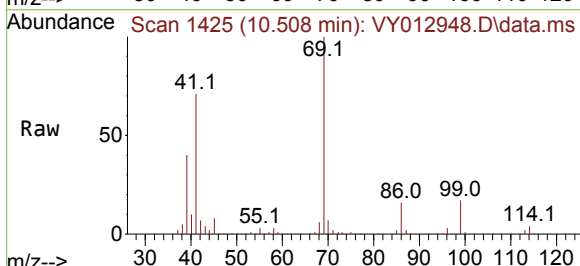
Tgt Ion: 69 Resp: 68476

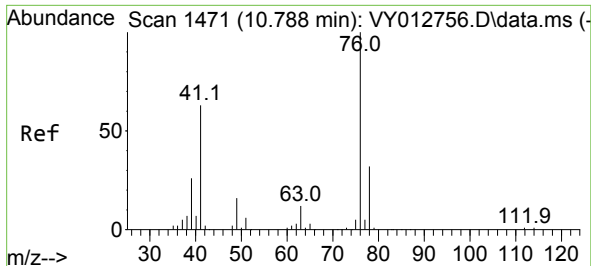
Ion Ratio Lower Upper

69 100

41 68.7 56.4 84.6

39 37.3 30.8 46.2





#57

1,3-Dichloropropane

Concen: 56.056 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

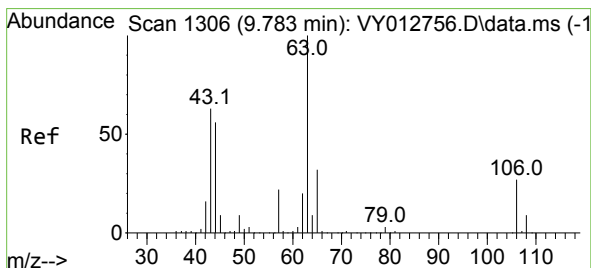
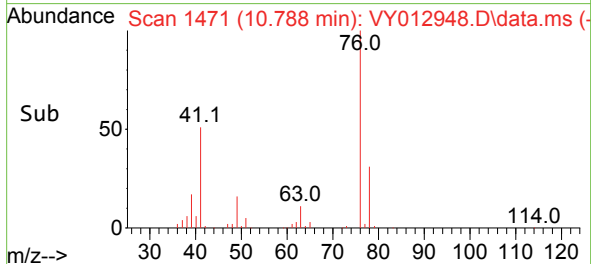
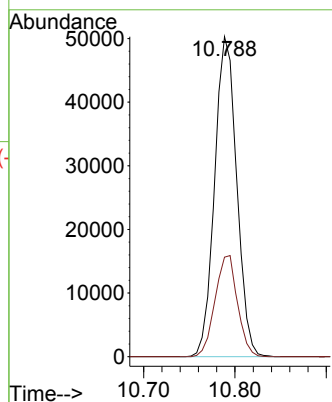
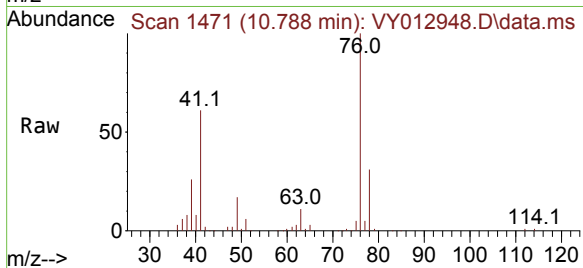
VSTDCCC050EC

Tgt Ion: 76 Resp: 84421

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 281.716 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012948.D

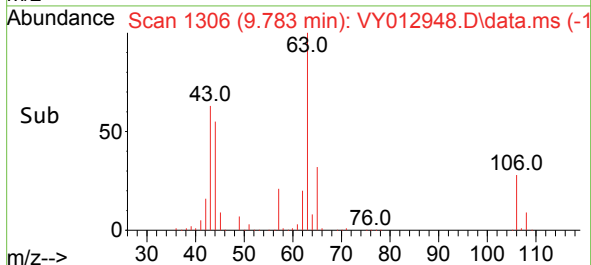
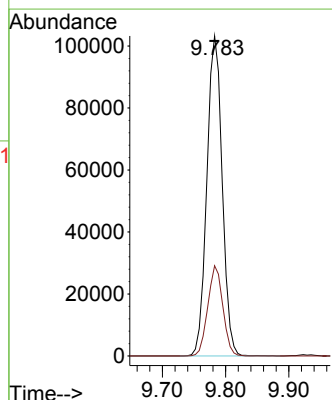
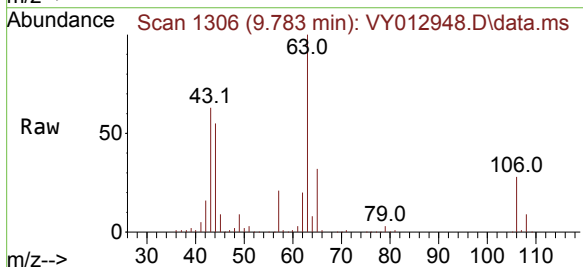
Acq: 14 Mar 2023 17:43

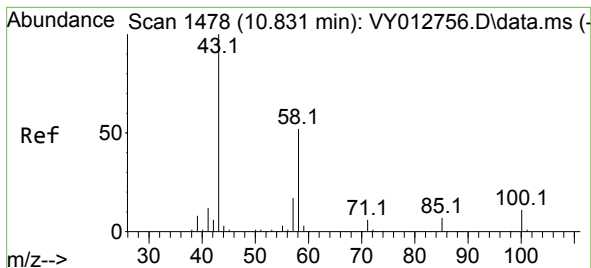
Tgt Ion: 63 Resp: 174358

Ion Ratio Lower Upper

63 100

106 27.6 22.1 33.1

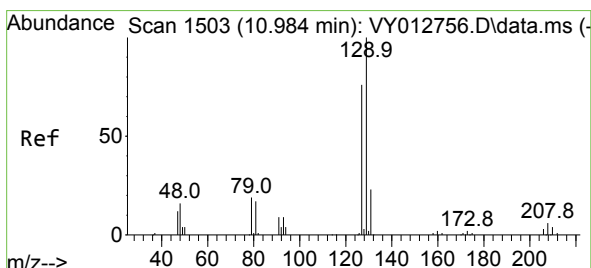
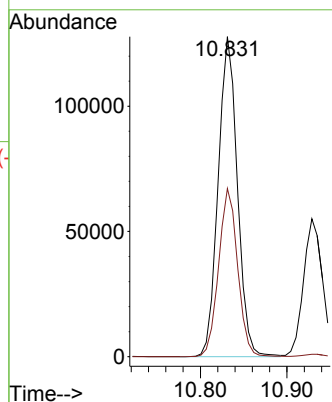
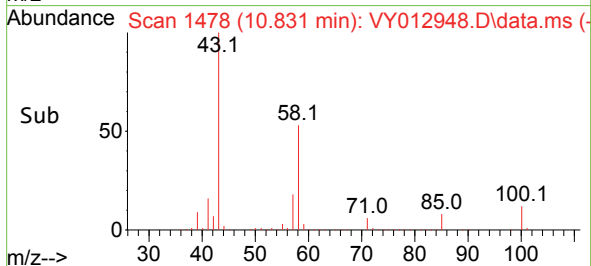
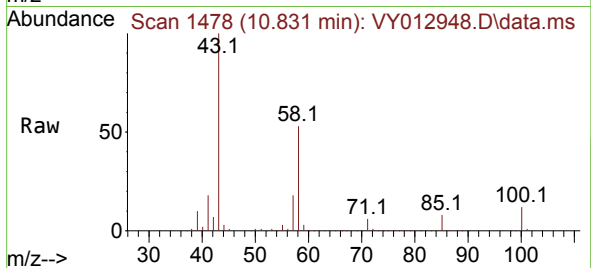




#59
2-Hexanone
Concen: 284.867 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

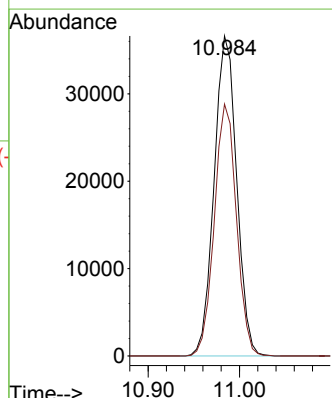
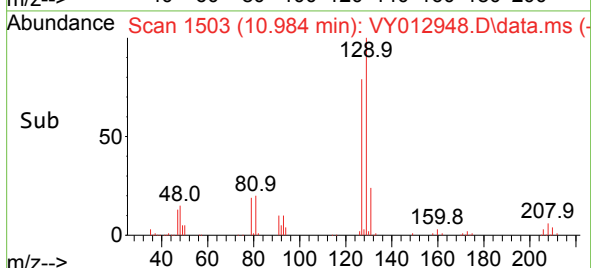
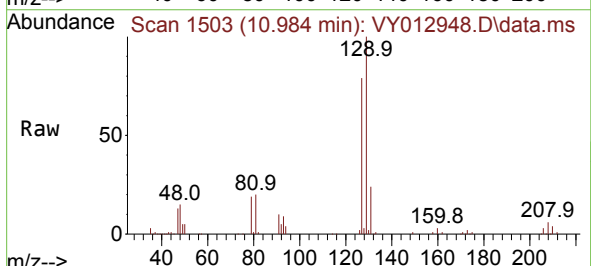
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

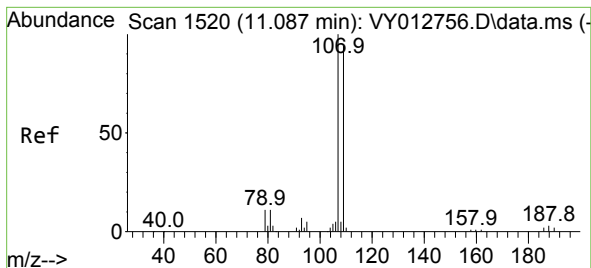
Tgt Ion: 43 Resp: 196868
Ion Ratio Lower Upper
43 100
58 52.1 25.9 77.8



#60
Dibromochloromethane
Concen: 58.234 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

Tgt Ion: 129 Resp: 62678
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1





#61

1,2-Dibromoethane

Concen: 55.971 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

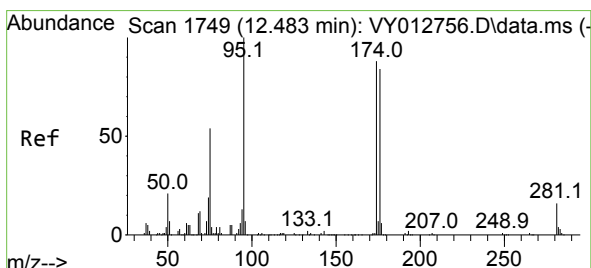
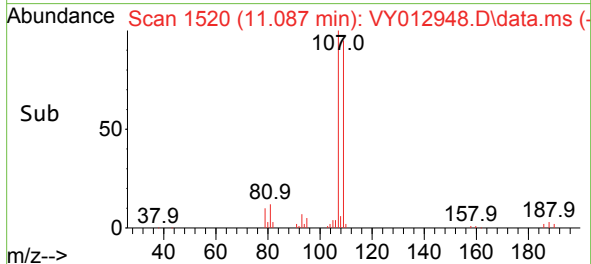
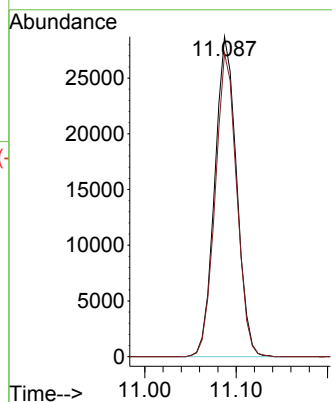
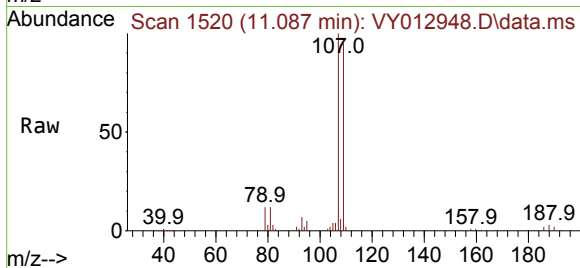
VSTDCCC050EC

Tgt Ion:107 Resp: 47673

Ion Ratio Lower Upper

107 100

109 93.4 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 47.761 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

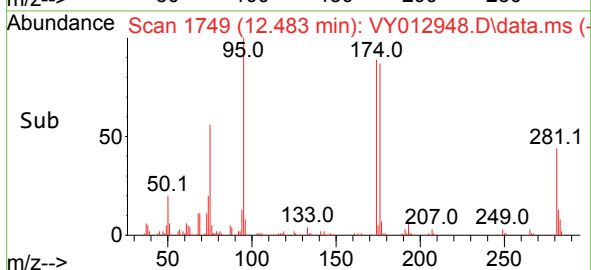
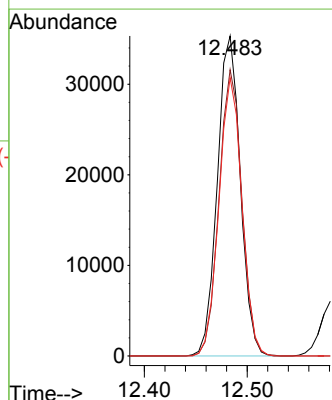
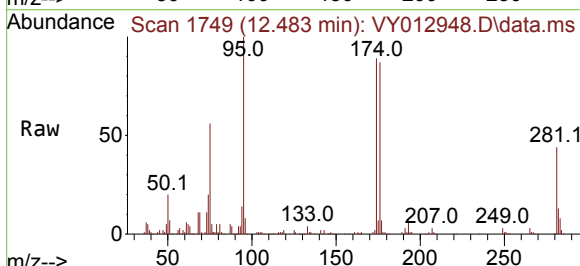
Tgt Ion: 95 Resp: 54823

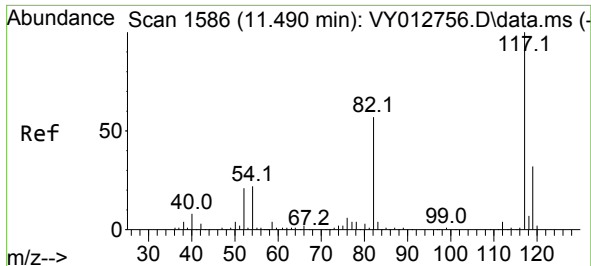
Ion Ratio Lower Upper

95 100

174 88.9 0.0 176.6

176 86.8 0.0 170.2

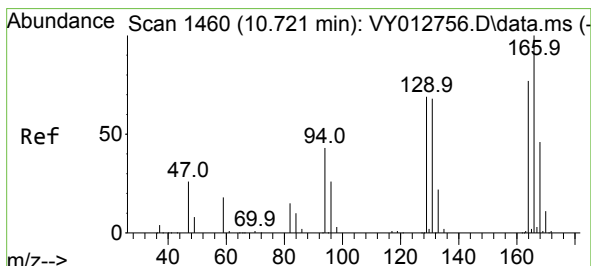
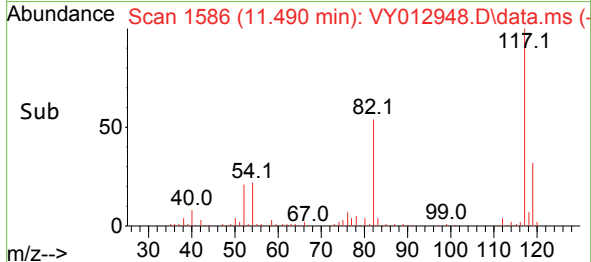
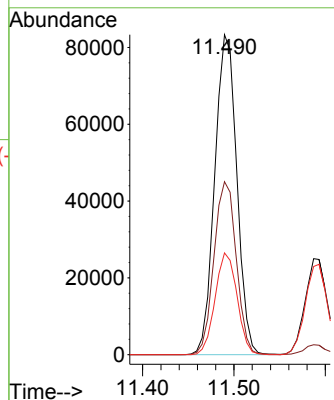
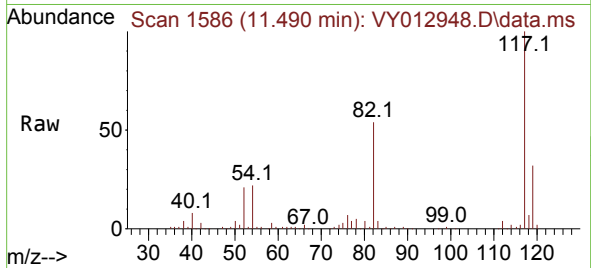




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

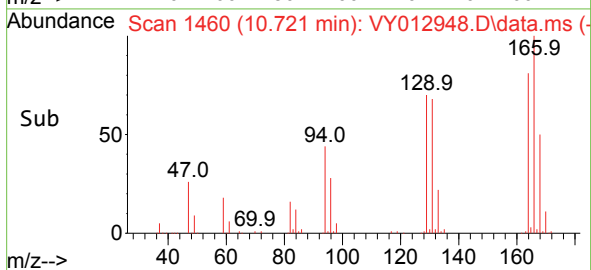
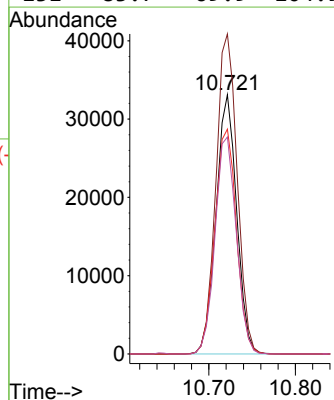
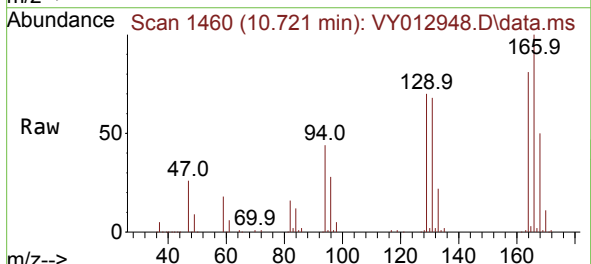
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

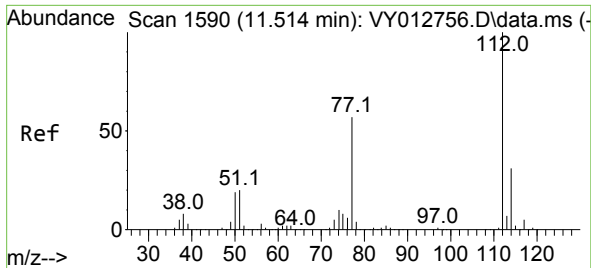
Tgt Ion:117 Resp: 139832
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.0
119 31.8 25.6 38.4



#64
Tetrachloroethene
Concen: 53.907 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

Tgt Ion:164 Resp: 54882
Ion Ratio Lower Upper
164 100
166 123.4 103.4 155.2
129 86.7 71.4 107.2
131 83.7 69.9 104.9

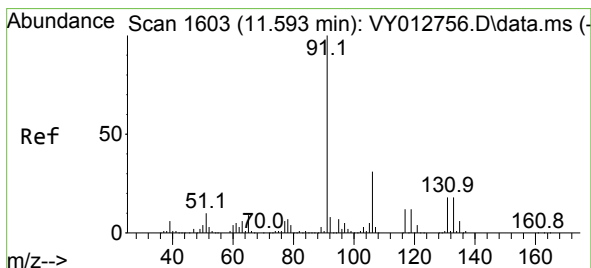
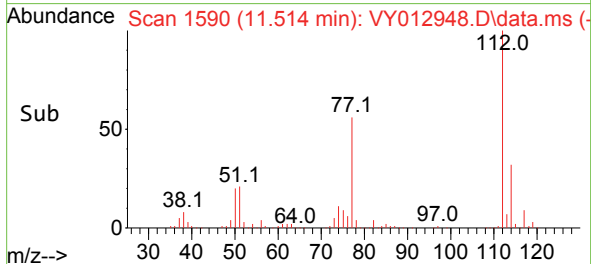
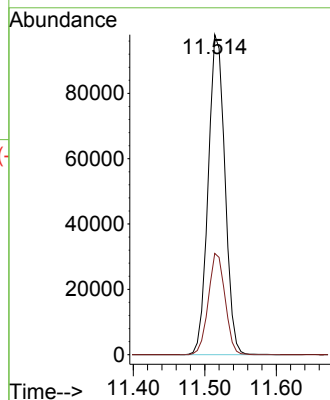
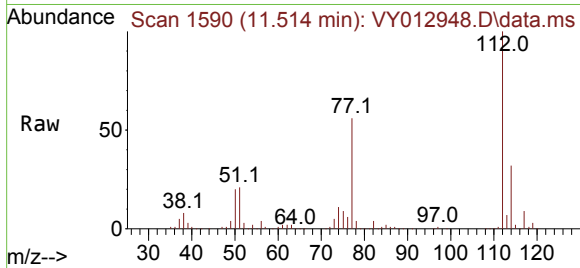




#65
Chlorobenzene
Concen: 54.201 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

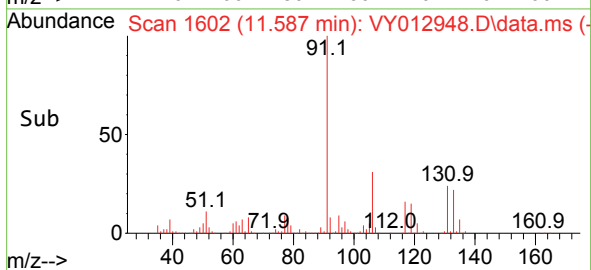
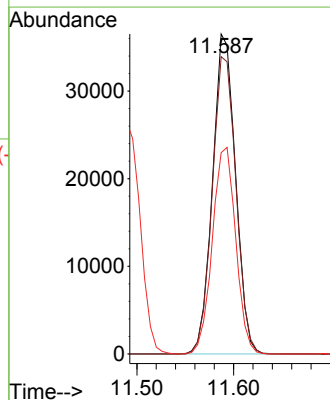
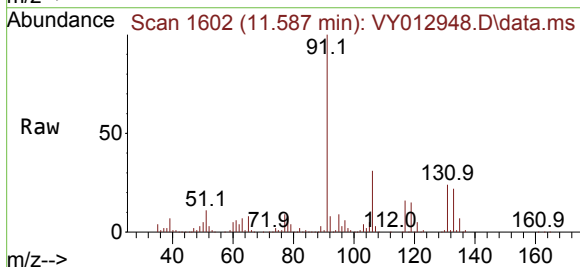
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

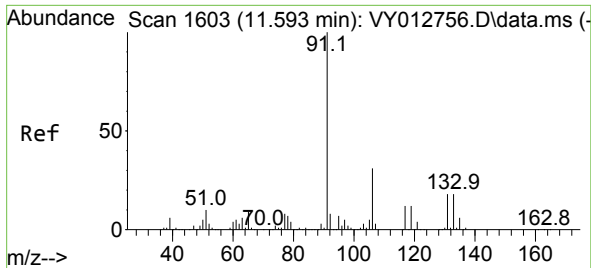
Tgt Ion:112 Resp: 159066
Ion Ratio Lower Upper
112 100
114 31.6 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 55.535 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

Tgt Ion:131 Resp: 60308
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.0
119 65.6 32.6 98.0





#67

Ethyl Benzene

Concen: 55.144 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

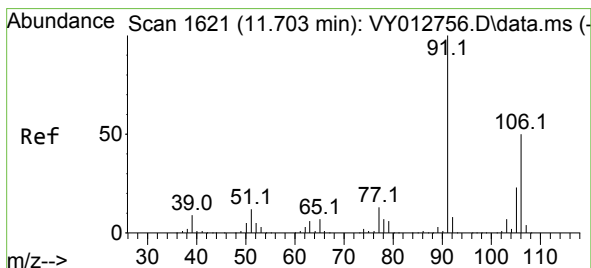
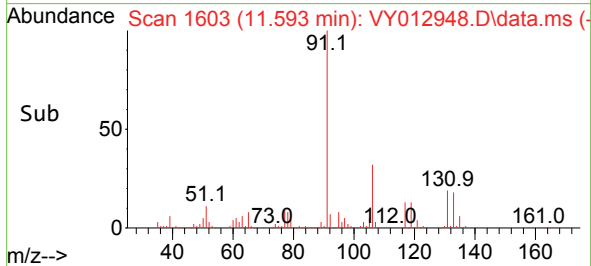
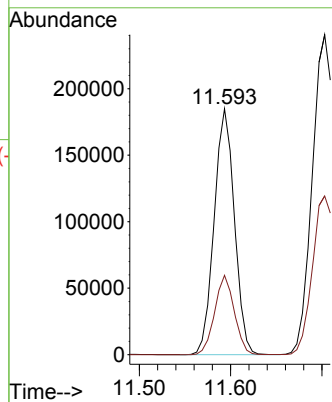
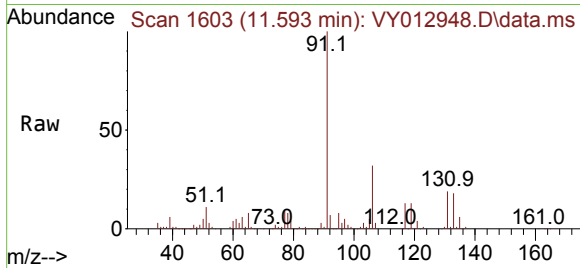
VSTDCCC050EC

Tgt Ion: 91 Resp: 284528

Ion Ratio Lower Upper

91 100

106 32.3 25.1 37.7



#68

m/p-Xylenes

Concen: 109.879 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY012948.D

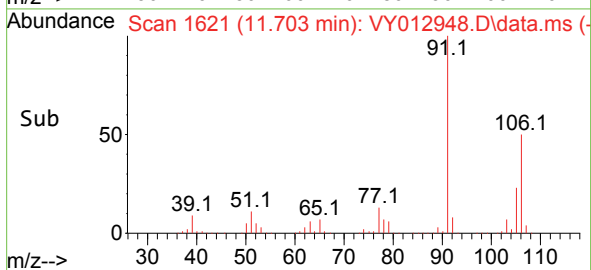
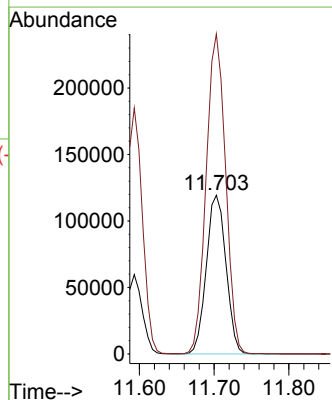
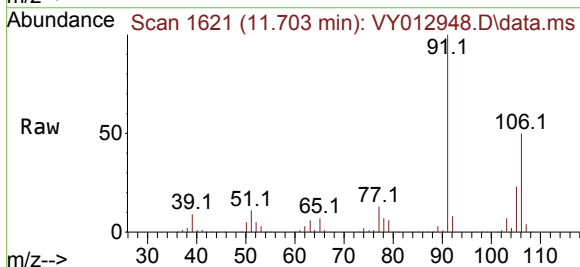
Acq: 14 Mar 2023 17:43

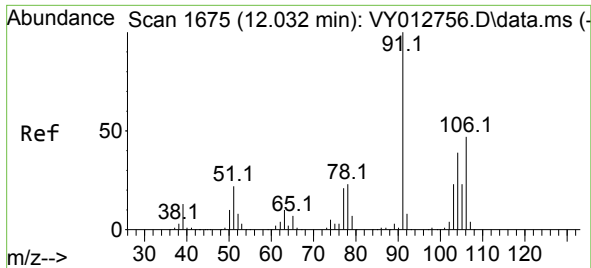
Tgt Ion:106 Resp: 218102

Ion Ratio Lower Upper

106 100

91 199.1 159.8 239.8

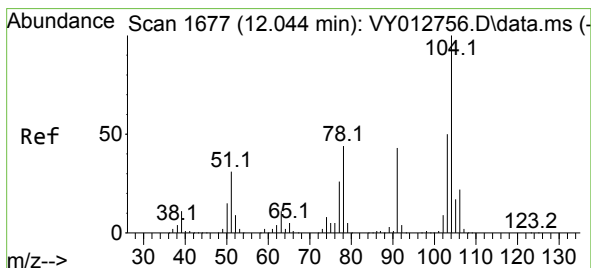
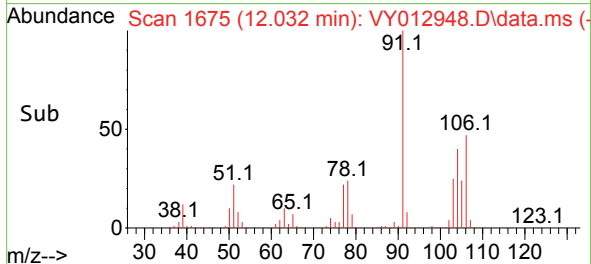
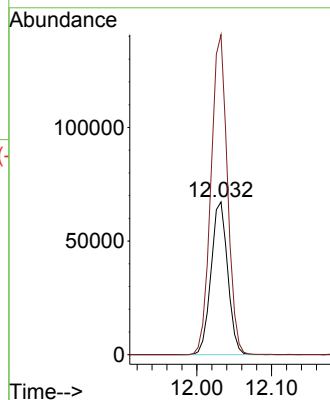
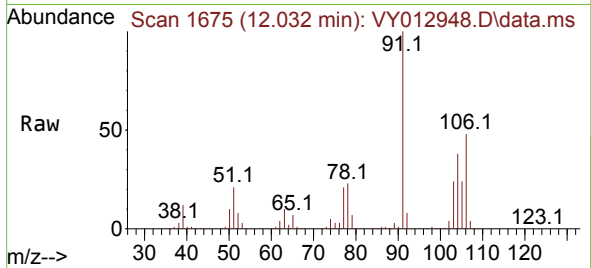




#69
o-Xylene
Concen: 56.258 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

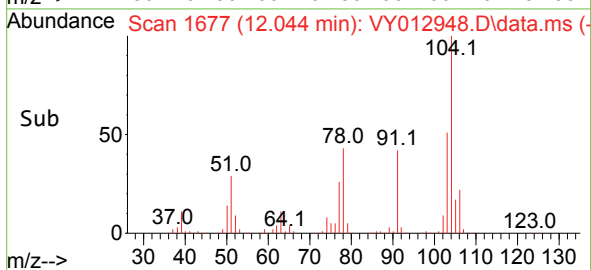
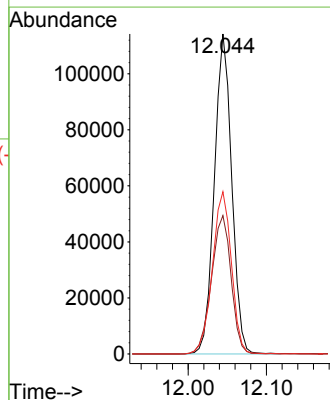
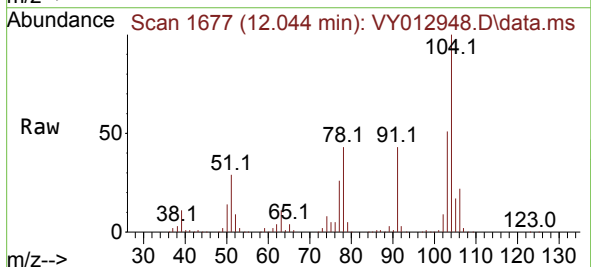
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 104218
Ion Ratio Lower Upper
106 100
91 207.4 107.2 321.6



#70
Styrene
Concen: 56.980 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

Tgt Ion:104 Resp: 176150
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 55.5 43.7 65.5





#71

Bromoform

Concen: 56.666 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

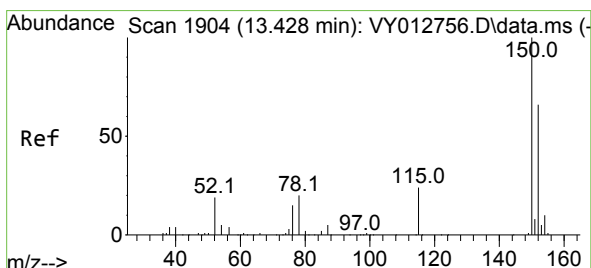
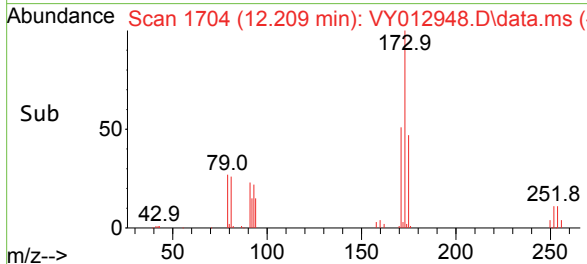
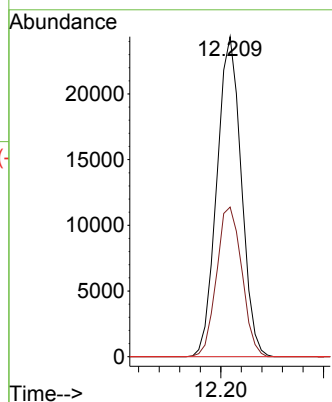
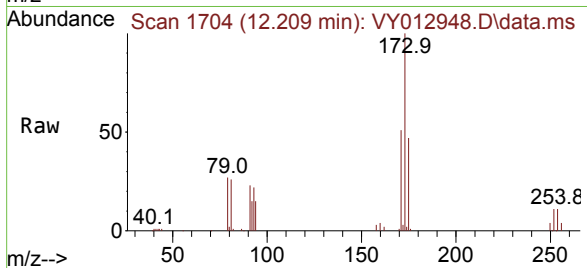
Tgt Ion:173 Resp: 40122

Ion Ratio Lower Upper

173 100

175 48.4 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

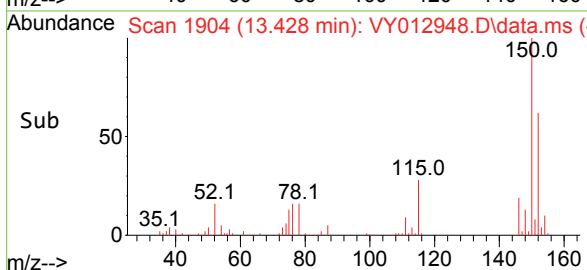
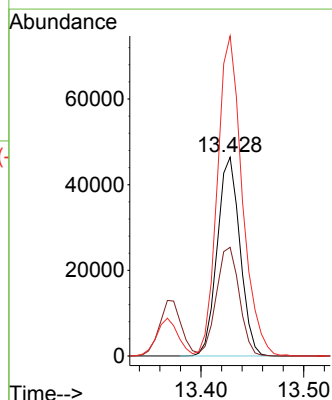
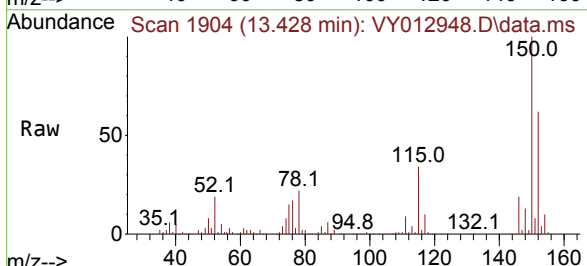
Tgt Ion:152 Resp: 71202

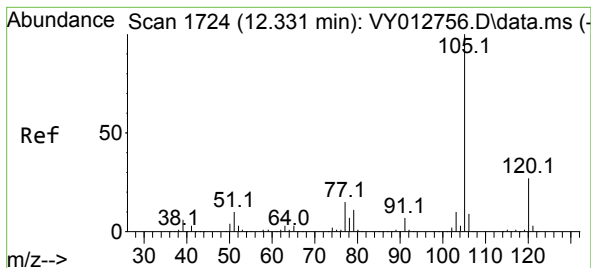
Ion Ratio Lower Upper

152 100

115 55.4 27.1 81.3

150 176.0 0.0 347.8





#73

Isopropylbenzene

Concen: 54.124 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

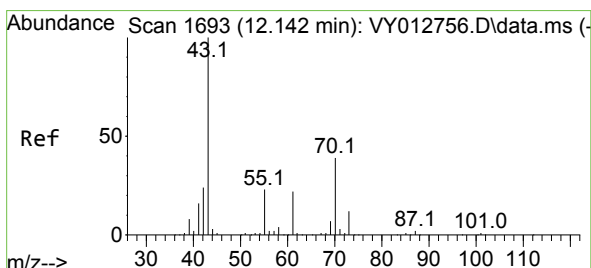
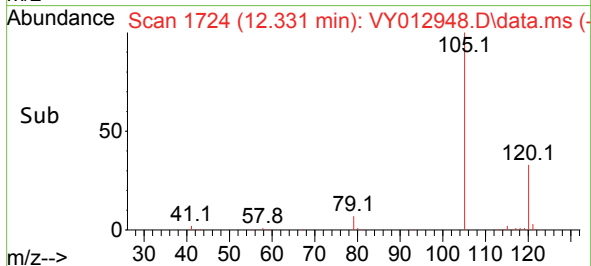
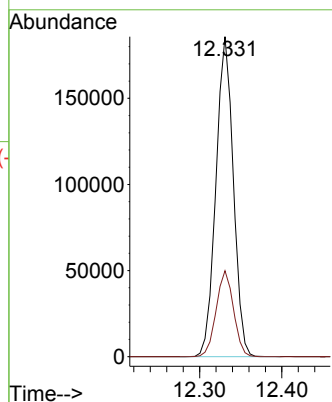
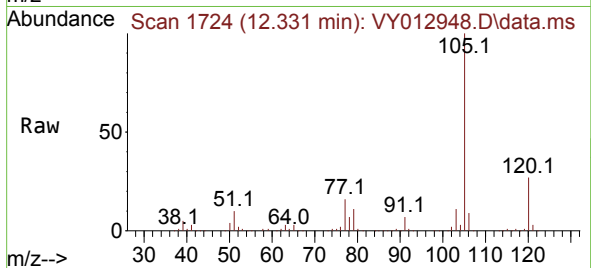
VSTDCCC050EC

Tgt Ion:105 Resp: 273118

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 52.577 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

Tgt Ion: 43 Resp: 83477

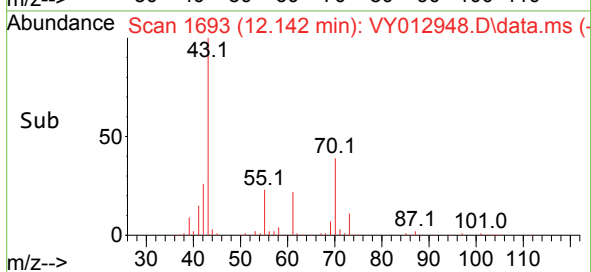
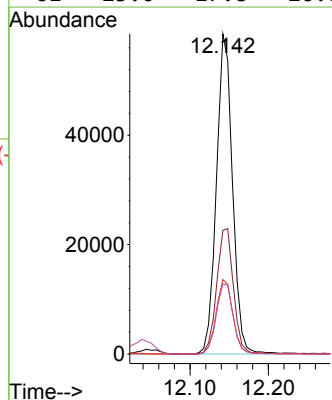
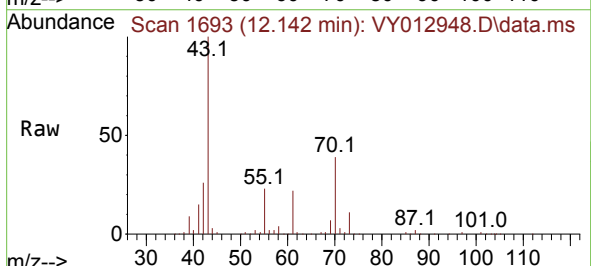
Ion Ratio Lower Upper

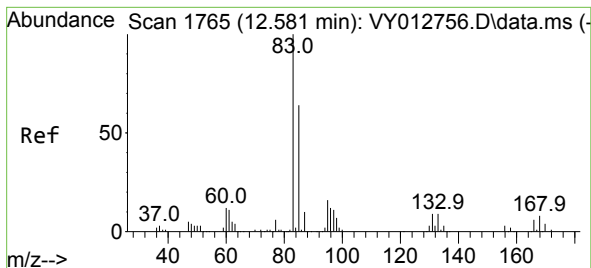
43 100

70 40.7 31.6 47.4

55 24.6 18.8 28.2

61 23.0 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 54.005 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

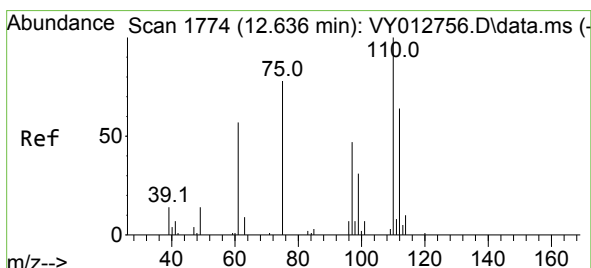
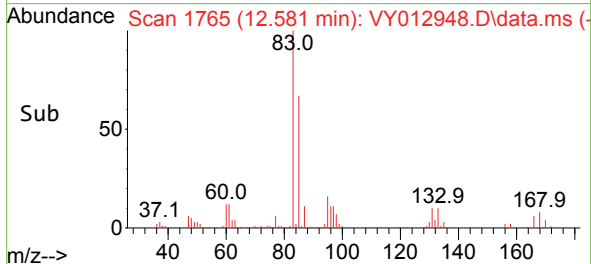
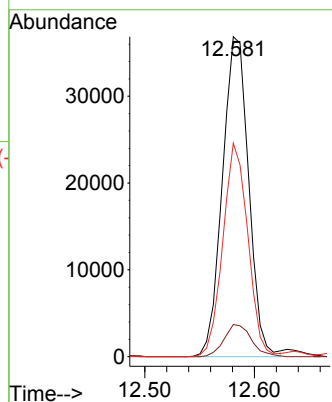
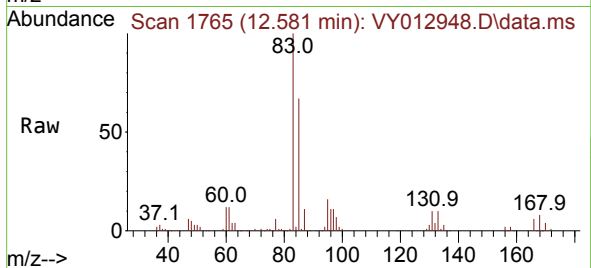
Tgt Ion: 83 Resp: 61260

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.2

85 63.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 92.095 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY012948.D

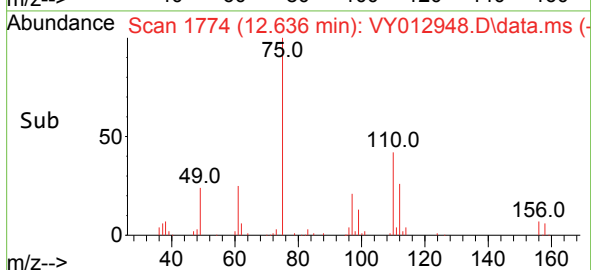
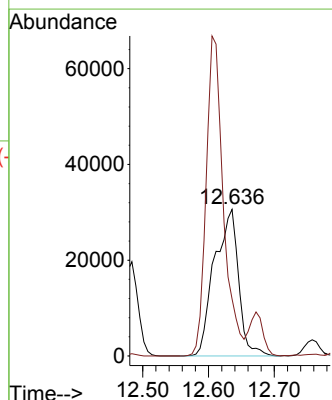
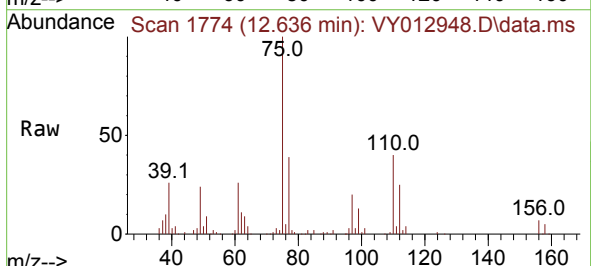
Acq: 14 Mar 2023 17:43

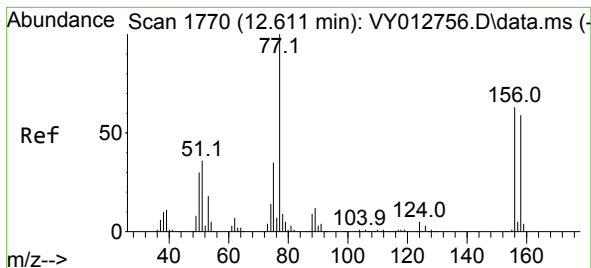
Tgt Ion: 75 Resp: 78305

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.788 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

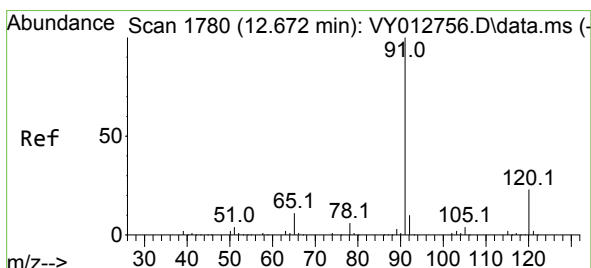
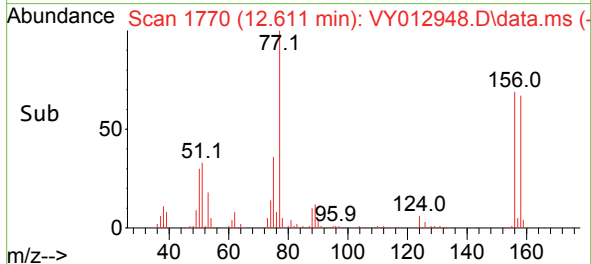
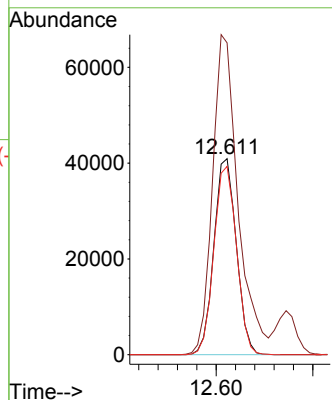
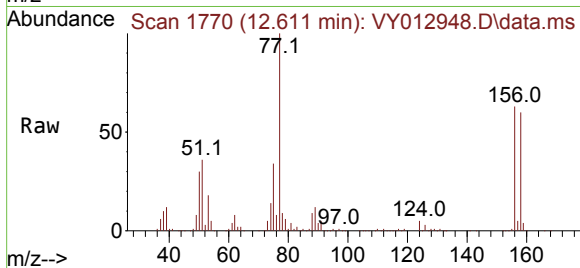
Tgt Ion:156 Resp: 65937

Ion Ratio Lower Upper

156 100

77 185.4 94.0 282.1

158 97.0 48.1 144.4



#78

n-propylbenzene

Concen: 53.667 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012948.D

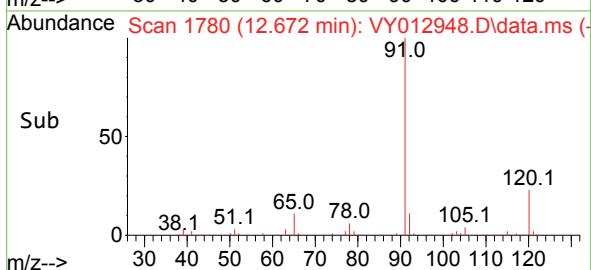
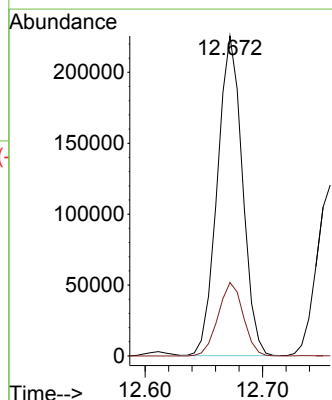
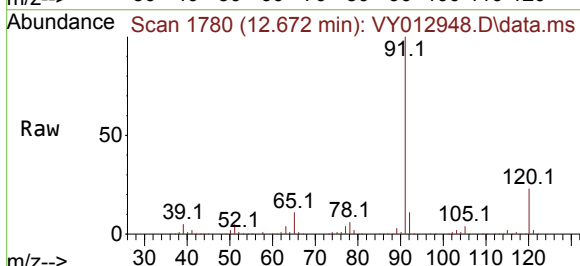
Acq: 14 Mar 2023 17:43

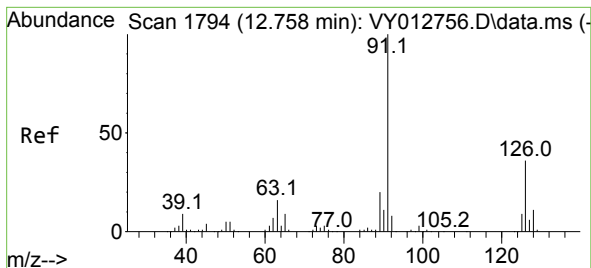
Tgt Ion: 91 Resp: 333879

Ion Ratio Lower Upper

91 100

120 23.0 11.6 34.8





#79

2-Chlorotoluene

Concen: 54.098 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

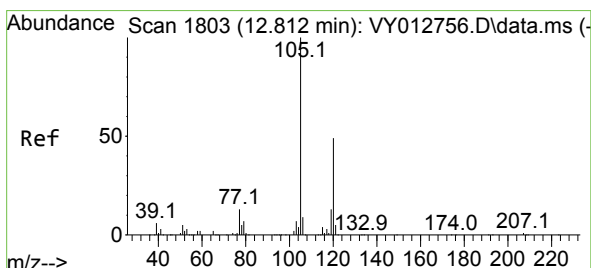
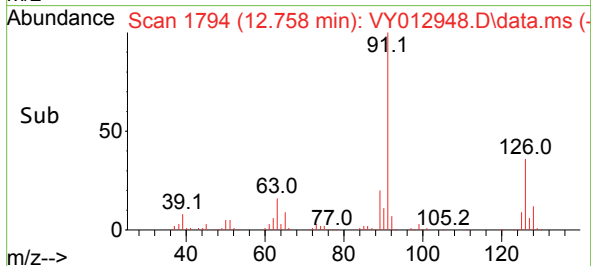
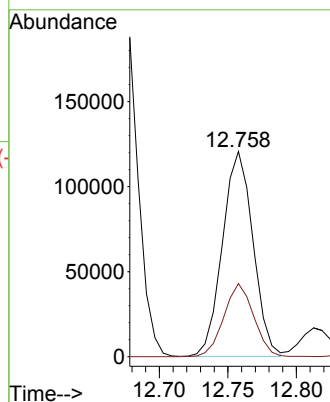
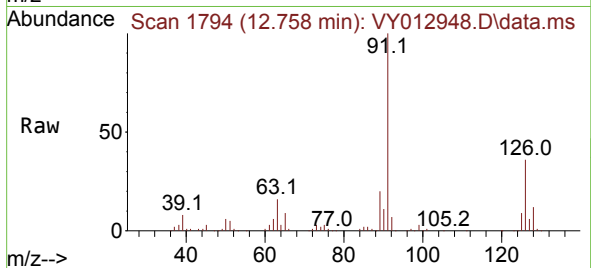
VSTDCCC050EC

Tgt Ion: 91 Resp: 187056

Ion Ratio Lower Upper

91 100

126 34.8 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 54.146 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY012948.D

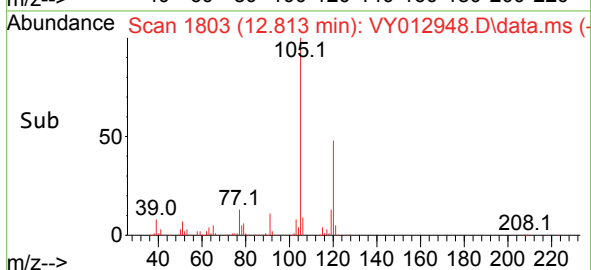
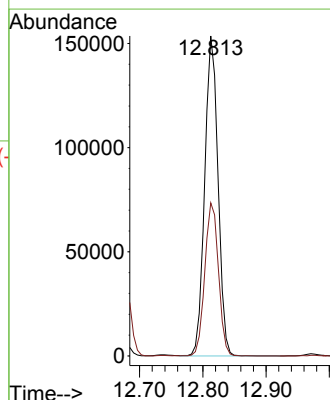
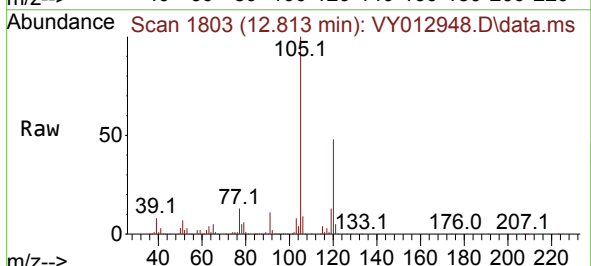
Acq: 14 Mar 2023 17:43

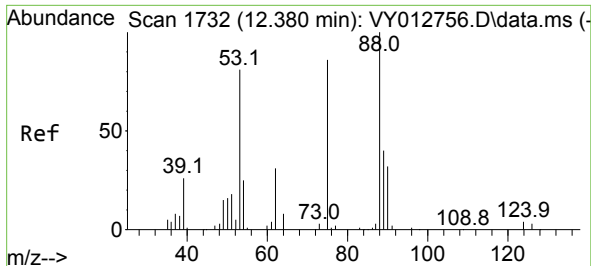
Tgt Ion:105 Resp: 225486

Ion Ratio Lower Upper

105 100

120 49.0 24.8 74.4

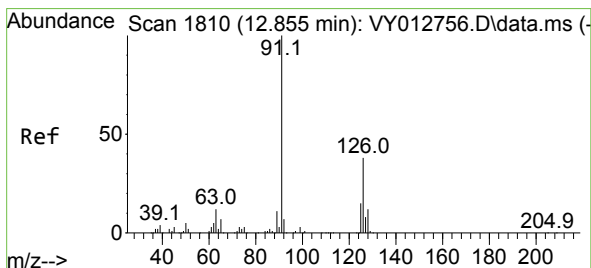
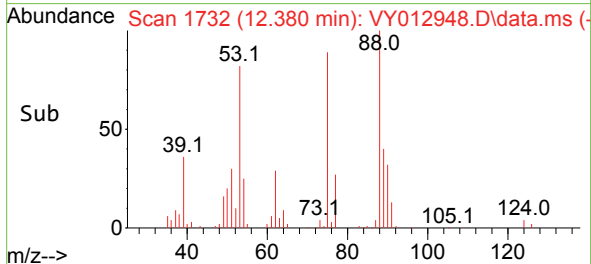
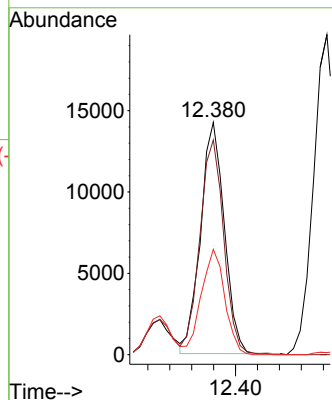
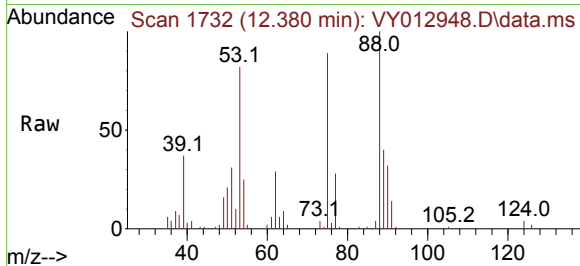




#81
trans-1,4-Dichloro-2-butene
Concen: 52.050 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

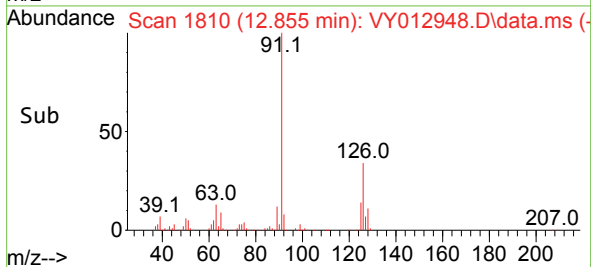
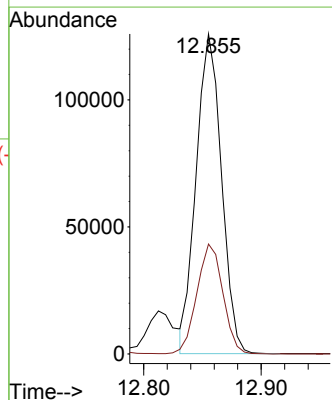
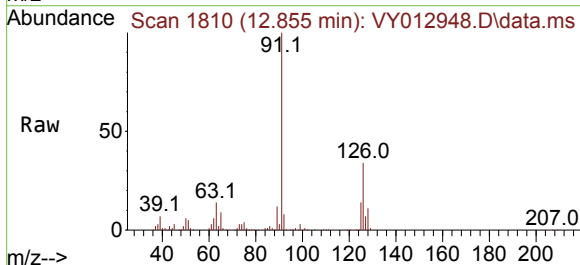
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

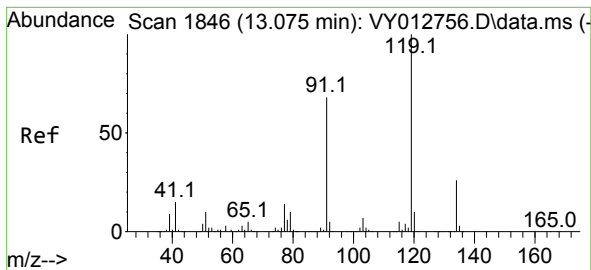
Tgt Ion:	75	Resp:	21359
Ion	Ratio	Lower	Upper
75	100		
53	93.9	73.4	110.0
89	45.5	36.6	55.0



#82
4-Chlorotoluene
Concen: 52.658 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

Tgt Ion:	91	Resp:	188478
Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.7	53.1

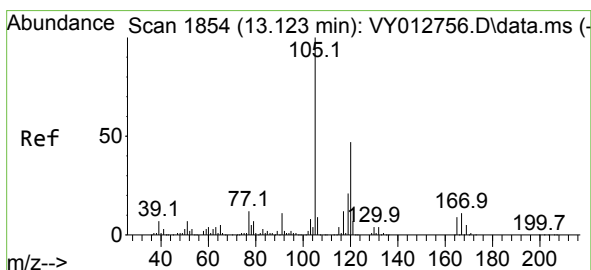
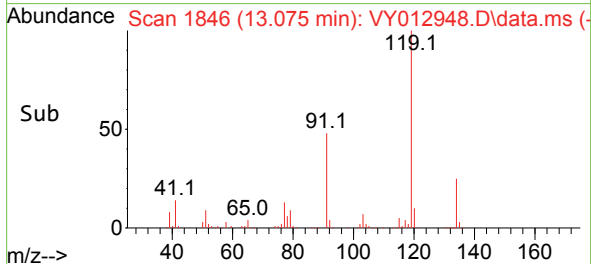
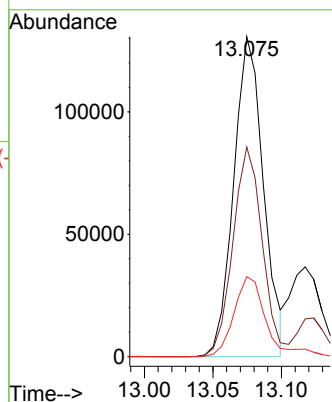
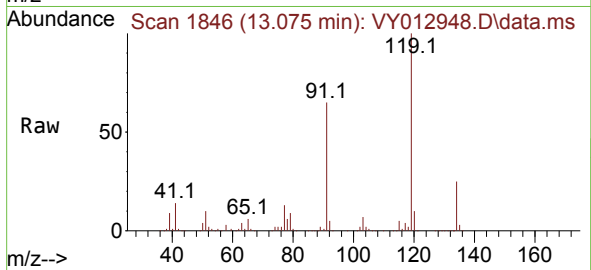




#83
tert-Butylbenzene
Concen: 55.074 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

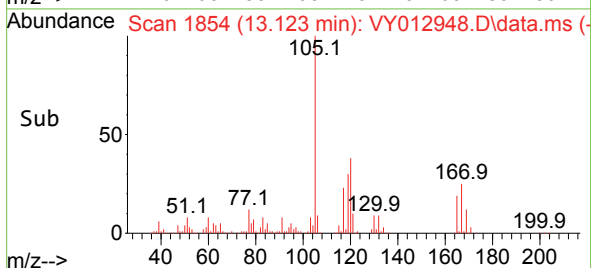
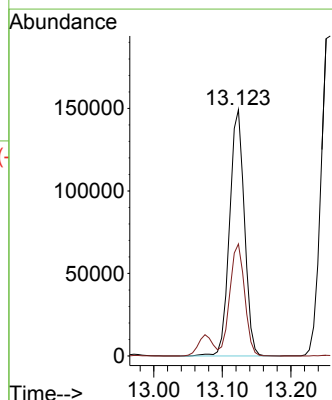
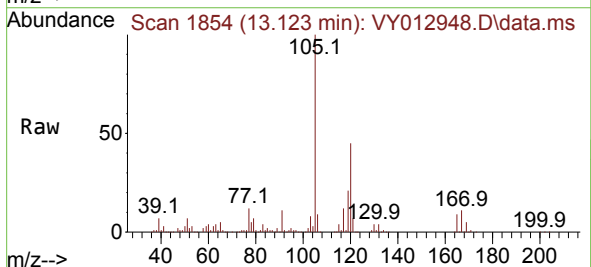
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

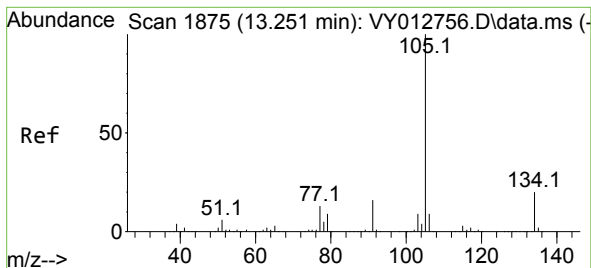
Tgt Ion:119 Resp: 197955
Ion Ratio Lower Upper
119 100
91 64.9 32.8 98.3
134 27.1 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 54.897 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

Tgt Ion:105 Resp: 223547
Ion Ratio Lower Upper
105 100
120 45.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 53.785 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

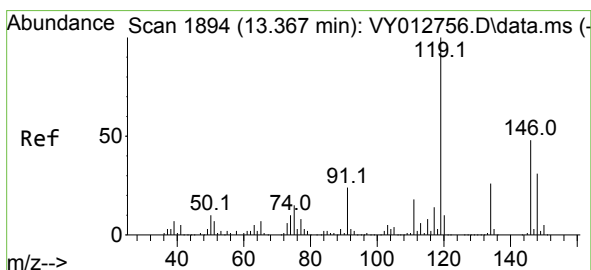
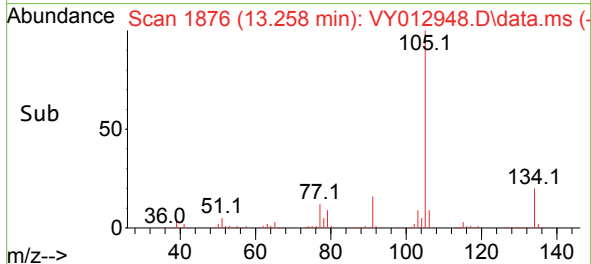
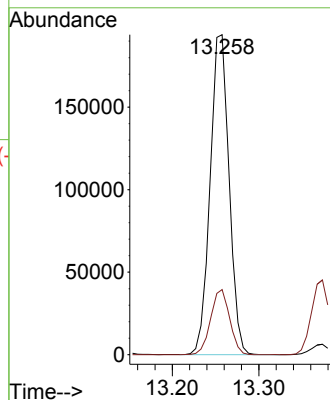
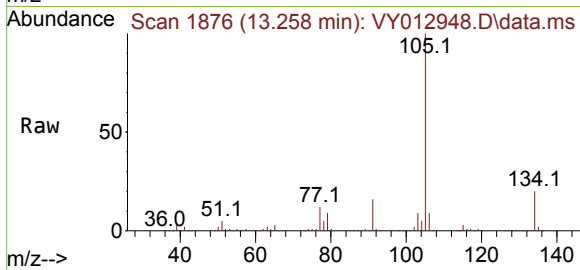
VSTDCCC050EC

Tgt Ion:105 Resp: 294927

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.1



#86

p-Isopropyltoluene

Concen: 54.478 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

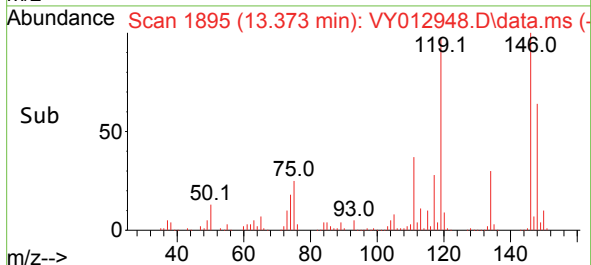
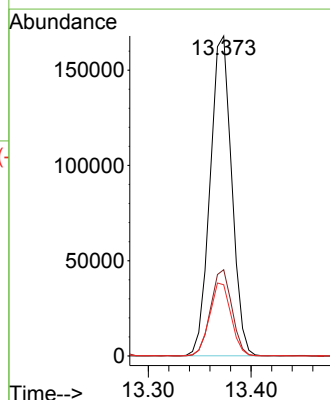
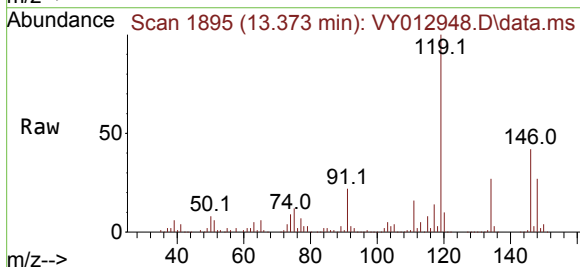
Tgt Ion:119 Resp: 244145

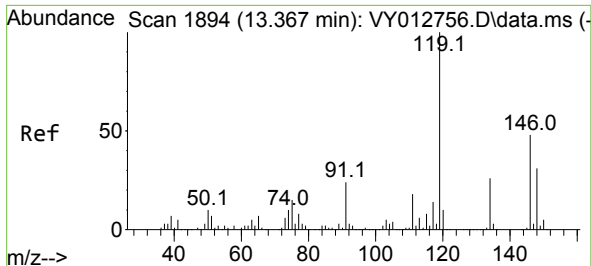
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.6

91 22.8 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 54.036 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

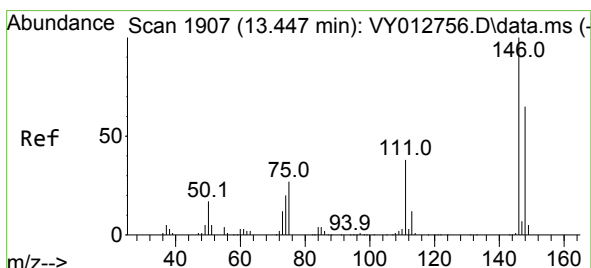
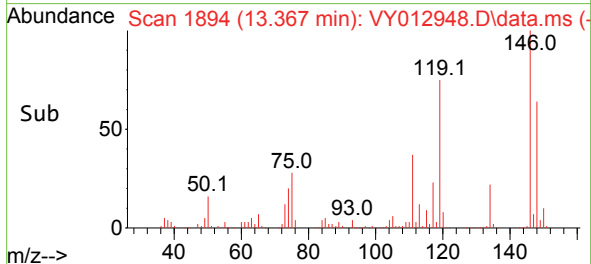
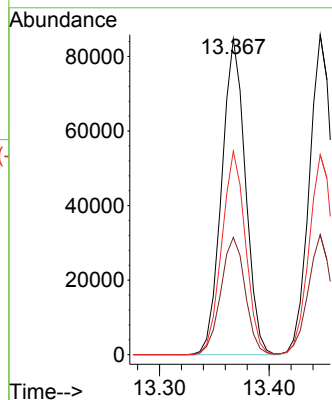
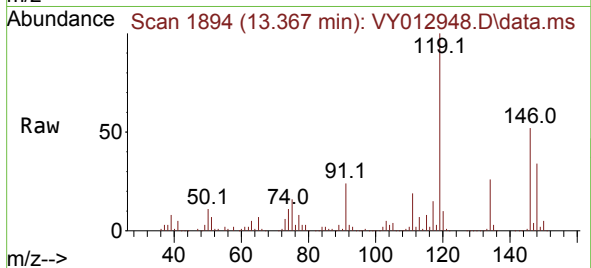
Tgt Ion:146 Resp: 127757

Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.5

148 64.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 52.557 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

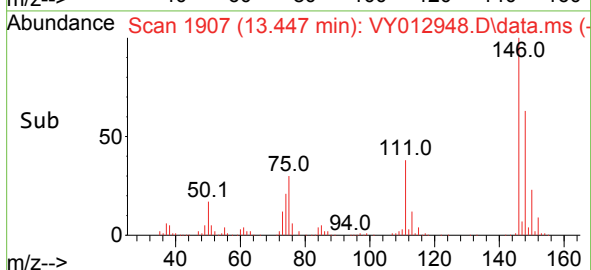
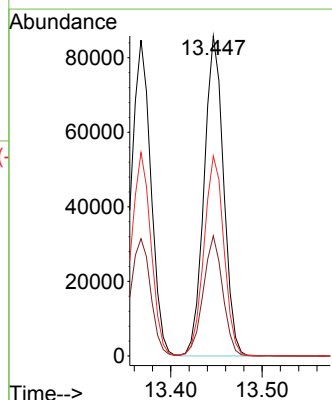
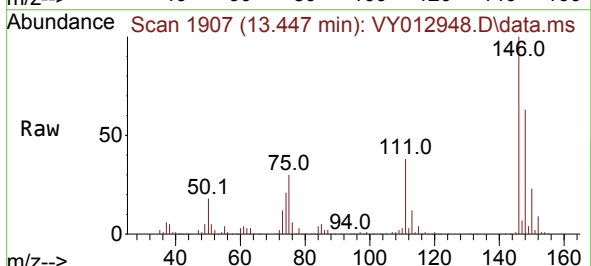
Tgt Ion:146 Resp: 126821

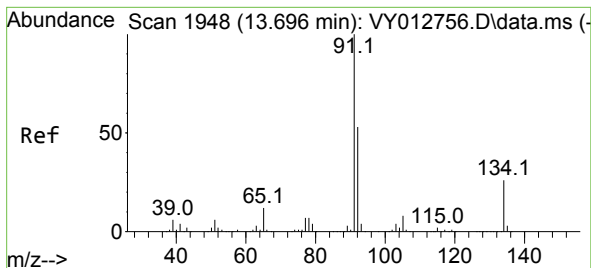
Ion Ratio Lower Upper

146 100

111 37.7 18.6 55.8

148 64.1 31.5 94.5





#89

n-Butylbenzene

Concen: 53.156 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

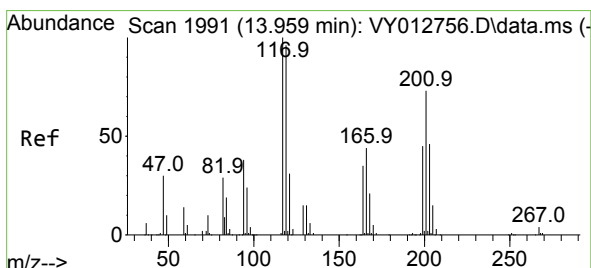
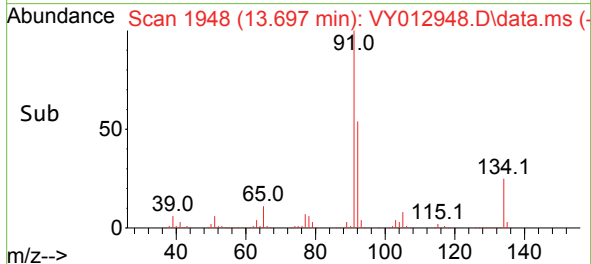
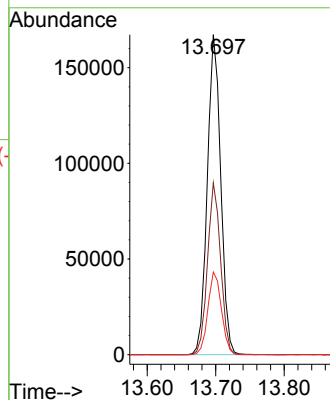
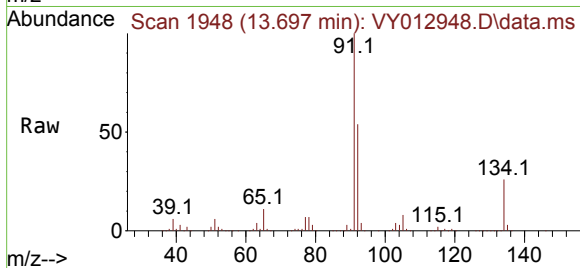
Tgt Ion: 91 Resp: 228056

Ion Ratio Lower Upper

91 100

92 52.4 26.4 79.0

134 26.1 13.0 38.9



#90

Hexachloroethane

Concen: 52.718 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY012948.D

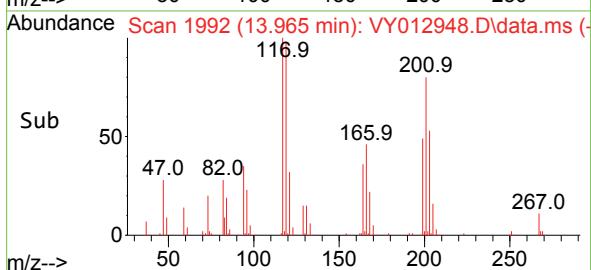
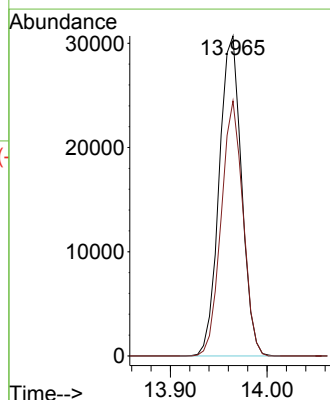
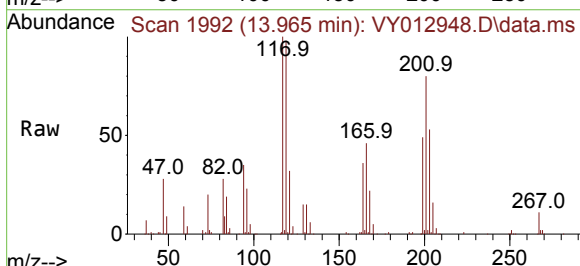
Acq: 14 Mar 2023 17:43

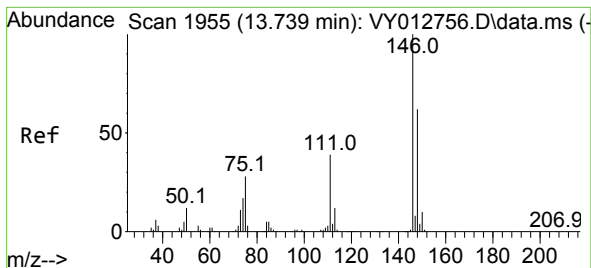
Tgt Ion: 117 Resp: 49208

Ion Ratio Lower Upper

117 100

201 77.5 39.4 118.1

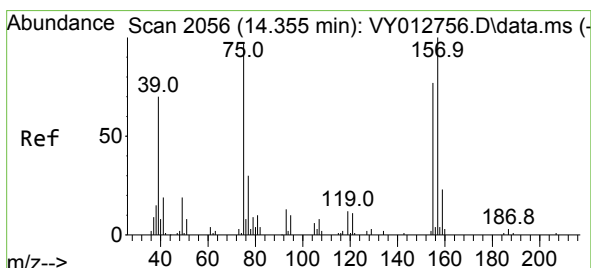
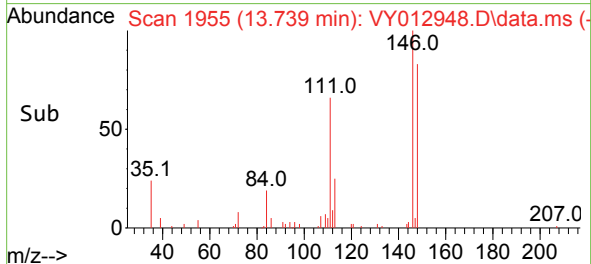
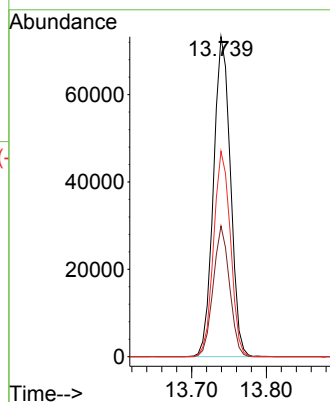
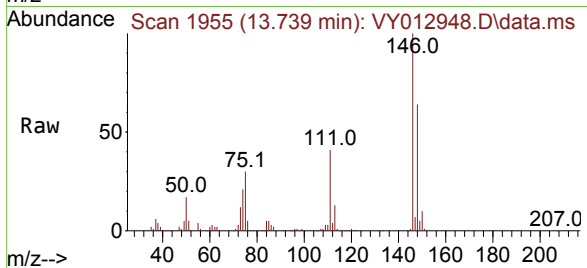




#91
 1,2-Dichlorobenzene
 Concen: 54.112 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY012948.D
 Acq: 14 Mar 2023 17:43

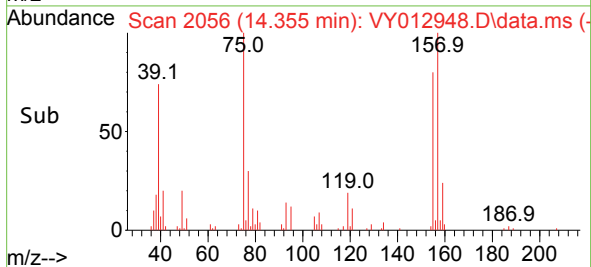
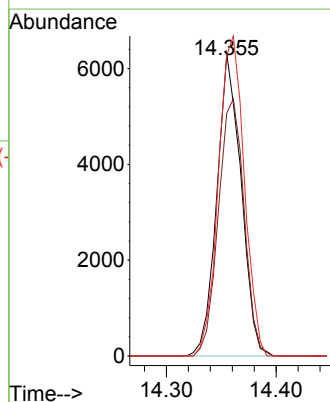
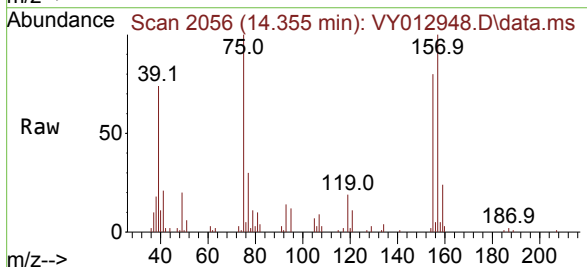
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

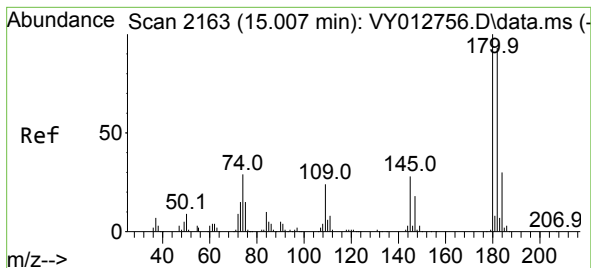
Tgt Ion:146 Resp: 115650
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.7 59.1
 148 63.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.906 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY012948.D
 Acq: 14 Mar 2023 17:43

Tgt Ion: 75 Resp: 9699
 Ion Ratio Lower Upper
 75 100
 155 90.0 43.8 131.4
 157 112.6 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 50.421 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

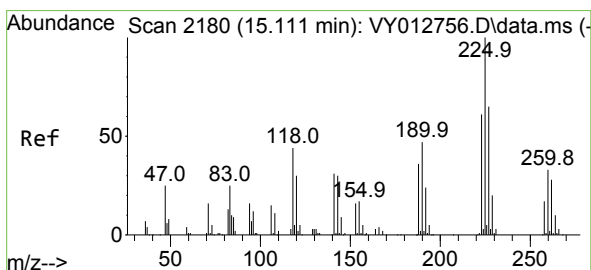
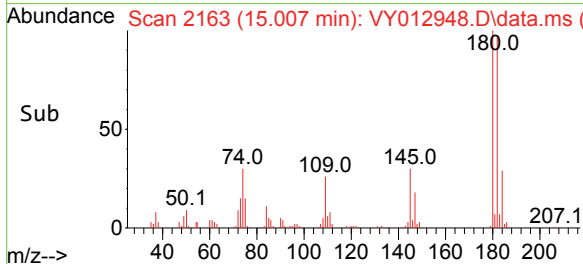
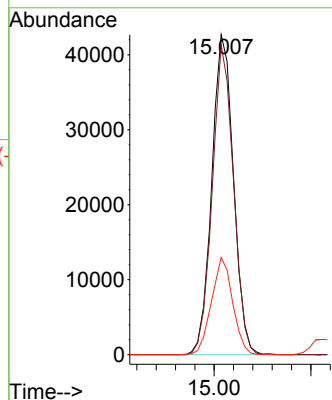
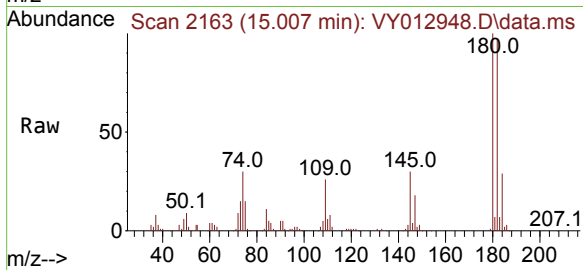
Tgt Ion:180 Resp: 66350

Ion Ratio Lower Upper

180 100

182 94.4 46.7 140.1

145 29.7 14.6 43.8



#94

Hexachlorobutadiene

Concen: 49.714 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012948.D

Acq: 14 Mar 2023 17:43

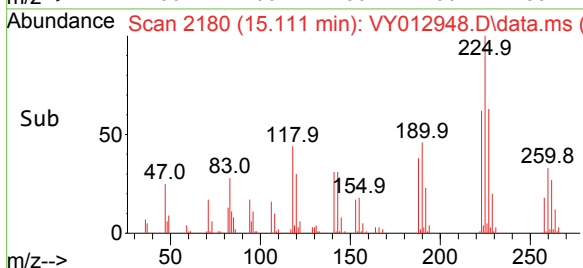
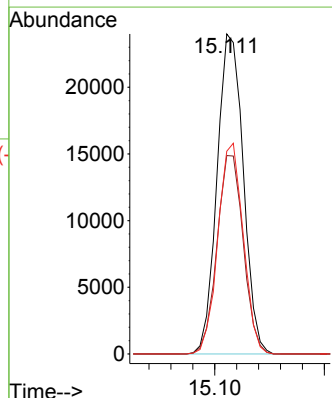
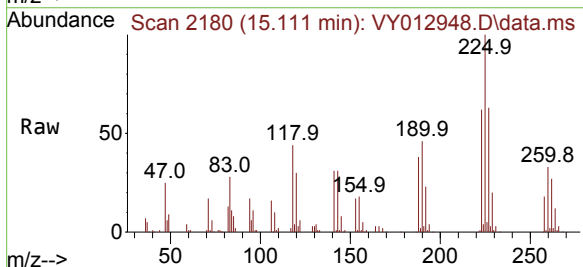
Tgt Ion:225 Resp: 39901

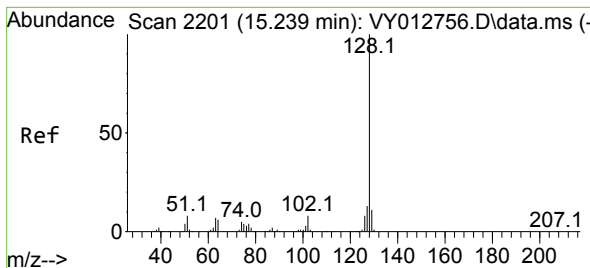
Ion Ratio Lower Upper

225 100

223 62.2 31.1 93.3

227 63.5 32.4 97.0

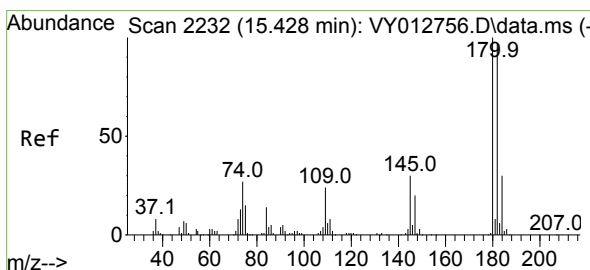
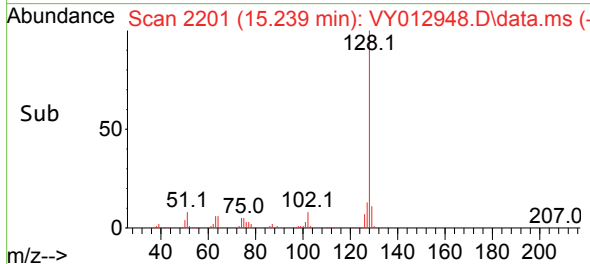
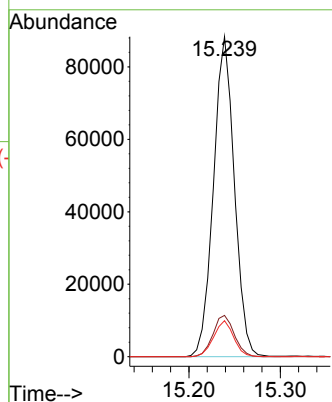
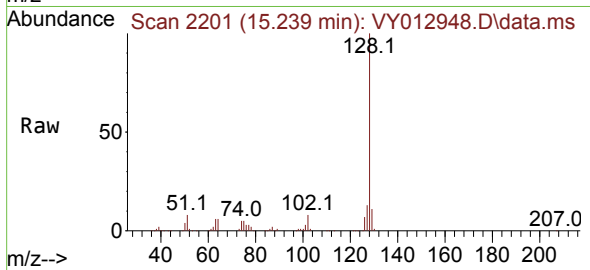




#95
Naphthalene
Concen: 53.203 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.453 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY012948.D
Acq: 14 Mar 2023 17:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.4	142.3
145	31.6	15.3	45.8

