

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012810.D
 Acq On : 03 Mar 2023 20:35
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 04 01:28:19 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	101838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	155791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	140198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72069	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	49229	48.688	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.380%
35) Dibromofluoromethane	7.716	113	46740	49.713	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.420%
50) Toluene-d8	10.179	98	165055	48.021	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.040%
62) 4-Bromofluorobenzene	12.483	95	56519	48.718	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	47284	47.107	ug/l	98
3) Chloromethane	2.113	50	54673	45.561	ug/l	100
4) Vinyl Chloride	2.253	62	53542	48.657	ug/l	98
5) Bromomethane	2.650	94	33848	50.623	ug/l	95
6) Chloroethane	2.790	64	34208	51.908	ug/l	99
7) Trichlorofluoromethane	3.125	101	91890	50.279	ug/l	96
8) Diethyl Ether	3.528	74	32312	50.451	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	54663	49.713	ug/l	99
10) Methyl Iodide	4.088	142	73549	51.336	ug/l	99
11) Tert butyl alcohol	4.954	59	31454	272.297	ug/l	99
12) 1,1-Dichloroethene	3.875	96	52136	49.715	ug/l	99
13) Acrolein	3.729	56	42066	237.463	ug/l	100
14) Allyl chloride	4.479	41	94424	48.744	ug/l	97
15) Acrylonitrile	5.155	53	91007	269.683	ug/l	99
16) Acetone	3.942	43	86817	218.753	ug/l	100
17) Carbon Disulfide	4.192	76	174969	49.016	ug/l	98
18) Methyl Acetate	4.473	43	61086	51.686	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	144451	53.327	ug/l	97
20) Methylene Chloride	4.716	84	65054	54.164	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	58759	51.560	ug/l	97
22) Diisopropyl ether	6.112	45	182219	51.790	ug/l	95
23) Vinyl Acetate	6.058	43	583630	266.966	ug/l	100
24) 1,1-Dichloroethane	6.015	63	102226	50.988	ug/l	100
25) 2-Butanone	6.978	43	122484	249.174	ug/l	100
26) 2,2-Dichloropropane	6.978	77	84051	47.201	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	64256	52.590	ug/l	98
28) Bromochloromethane	7.332	49	38469	52.504	ug/l	98
29) Tetrahydrofuran	7.344	42	81855	276.099	ug/l	97
30) Chloroform	7.503	83	105284	53.164	ug/l	100
31) Cyclohexane	7.783	56	91434	47.217	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	92877	51.860	ug/l	99
36) 1,1-Dichloropropene	7.917	75	79707	50.590	ug/l	99
37) Ethyl Acetate	7.070	43	53473	53.847	ug/l	99
38) Carbon Tetrachloride	7.899	117	85934	52.817	ug/l	98
39) Methylcyclohexane	9.185	83	95935	51.216	ug/l	98
40) Benzene	8.161	78	233602	52.414	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	75838	141.745	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	71397	53.284	ug/l	99
43) Isopropyl Acetate	8.271	43	94809	53.512	ug/l	99
44) Trichloroethene	8.941	130	61688	52.498	ug/l	98
45) 1,2-Dichloropropane	9.216	63	59879	53.162	ug/l	99
46) Dibromomethane	9.301	93	35556	55.410	ug/l	99
47) Bromodichloromethane	9.496	83	81753	54.064	ug/l	99
48) Methyl methacrylate	9.295	41	45068	55.206	ug/l	98
49) 1,4-Dioxane	9.295	88	9872	1190.051	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	272062	283.088	ug/l	100
52) Toluene	10.246	92	146186	54.388	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	84769	53.444	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	96680	53.853	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	48800	54.607	ug/l	98
56) Ethyl methacrylate	10.508	69	68061	57.118	ug/l	97
57) 1,3-Dichloropropane	10.789	76	82936	54.488	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	162872	260.374	ug/l	99
59) 2-Hexanone	10.831	43	194560	278.550	ug/l	100
60) Dibromochloromethane	10.984	129	59405	54.609	ug/l	99
61) 1,2-Dibromoethane	11.087	107	46803	54.369	ug/l	100
64) Tetrachloroethene	10.721	164	53572	52.483	ug/l	99
65) Chlorobenzene	11.514	112	155001	52.678	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	58863	54.063	ug/l	100
67) Ethyl Benzene	11.593	91	274555	53.072	ug/l	98
68) m/p-Xylenes	11.703	106	212916	106.987	ug/l	99
69) o-Xylene	12.032	106	100444	54.079	ug/l	97
70) Styrene	12.044	104	172034	55.504	ug/l	99
71) Bromoform	12.209	173	39909	56.218	ug/l #	97
73) Isopropylbenzene	12.331	105	265431	51.968	ug/l	99
74) N-amyl acetate	12.142	43	82950	51.617	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	62327	54.285	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	77845	90.452	ug/l #	100
77) Bromobenzene	12.611	156	64032	51.606	ug/l	98
78) n-propylbenzene	12.672	91	327374	51.988	ug/l	100
79) 2-Chlorotoluene	12.758	91	180937	51.699	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	218678	51.880	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	21507	51.780	ug/l	98
82) 4-Chlorotoluene	12.855	91	189144	52.209	ug/l	98
83) tert-Butylbenzene	13.075	119	191176	52.548	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	214839	52.123	ug/l	100
85) sec-Butylbenzene	13.251	105	285747	51.484	ug/l	99
86) p-Isopropyltoluene	13.367	119	233853	51.553	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	123569	51.636	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	123299	50.483	ug/l	99
89) n-Butylbenzene	13.697	91	216786	49.922	ug/l	100
90) Hexachloroethane	13.959	117	46630	49.356	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	110977	51.301	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9634	51.919	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	62607	47.005	ug/l	99
94) Hexachlorobutadiene	15.111	225	36396	44.802	ug/l	100
95) Naphthalene	15.239	128	131408	49.233	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	55589	46.927	ug/l	99

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Response via : Initial Calibration

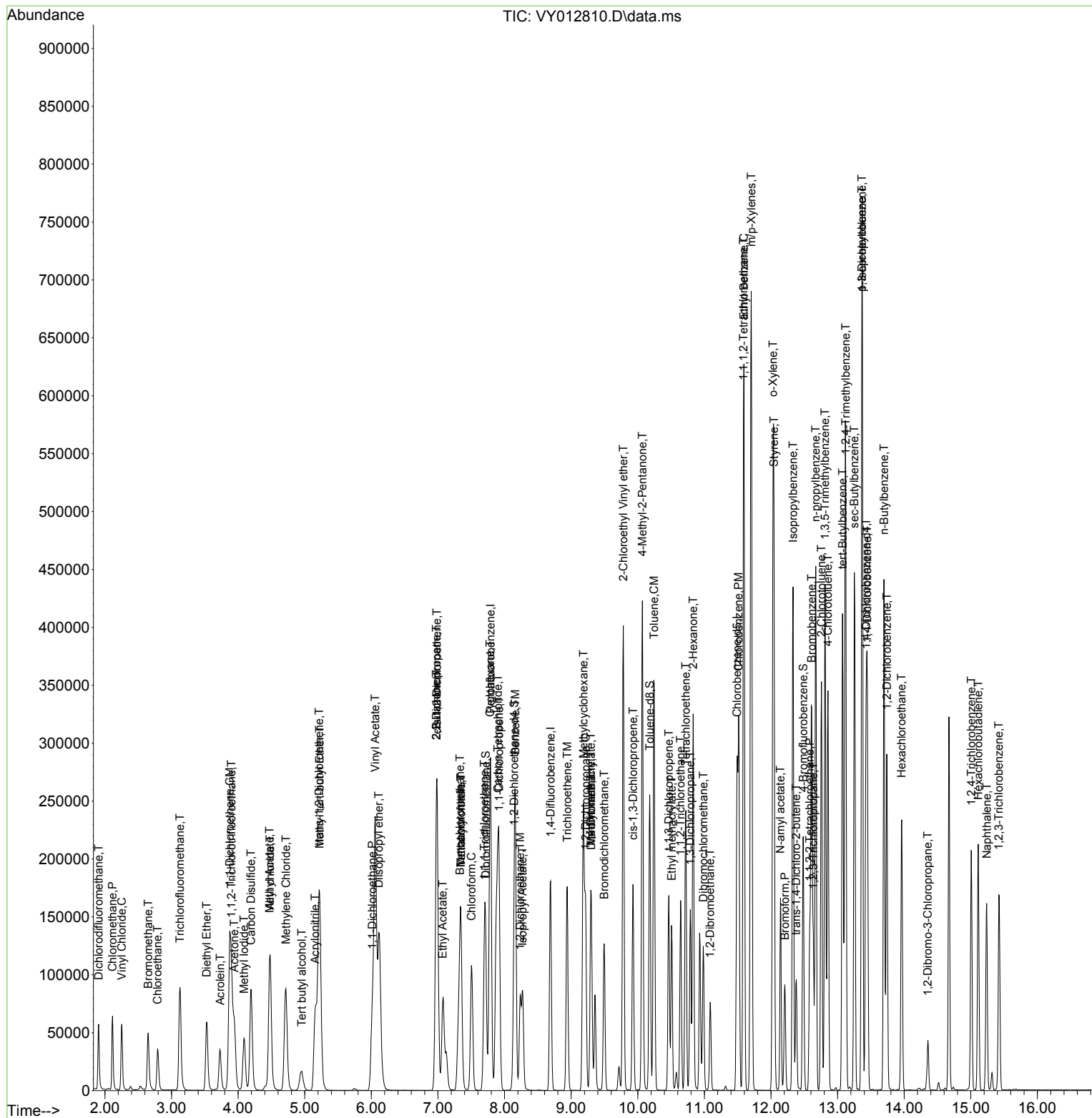
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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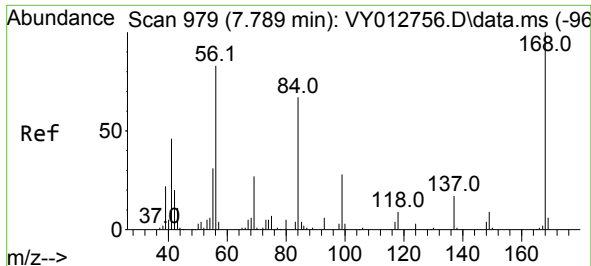
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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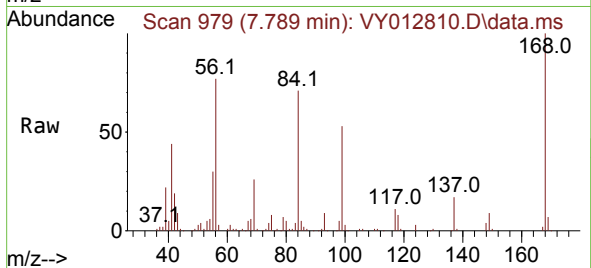
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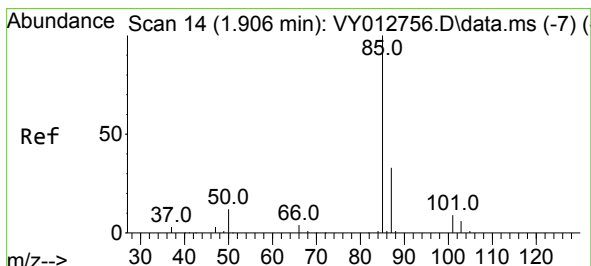
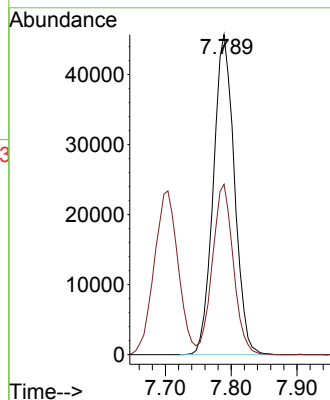
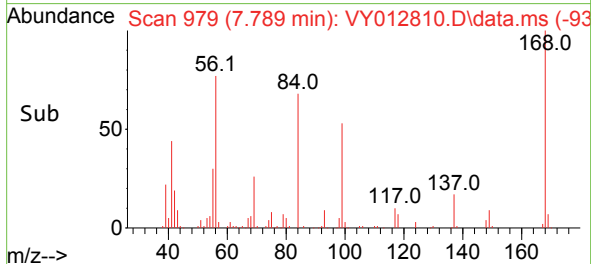


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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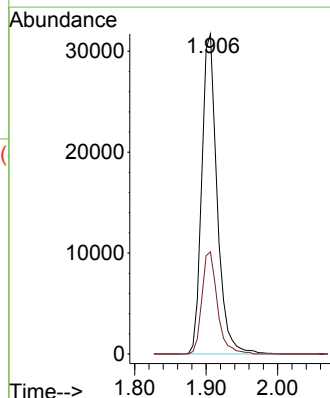
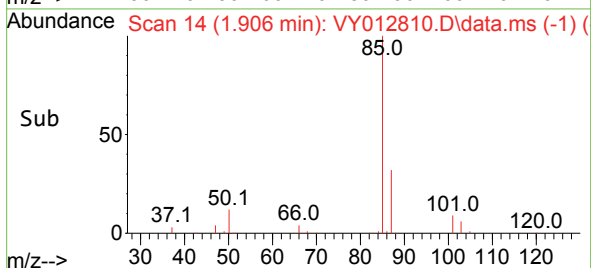
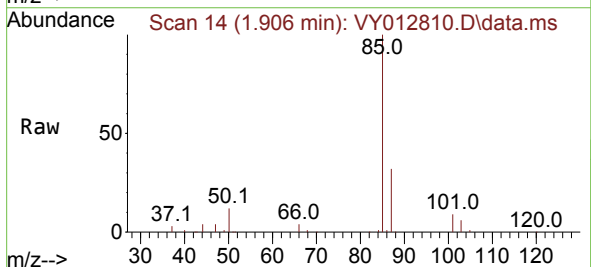


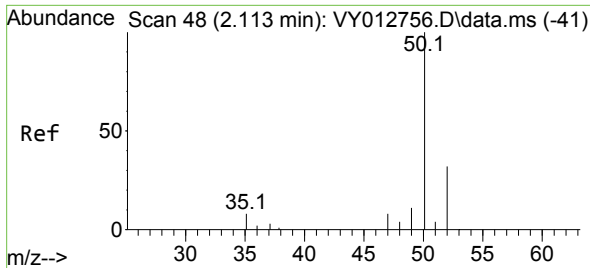
Tgt Ion:168 Resp: 101838
Ion Ratio Lower Upper
168 100
99 53.2 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 47.107 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

Tgt Ion: 85 Resp: 47284
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.0

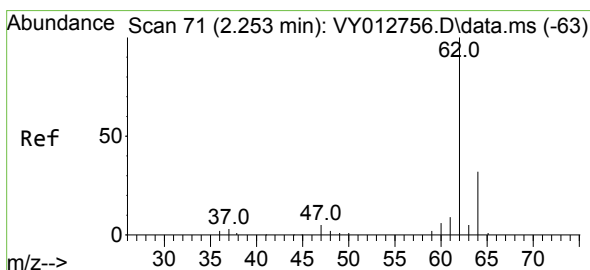
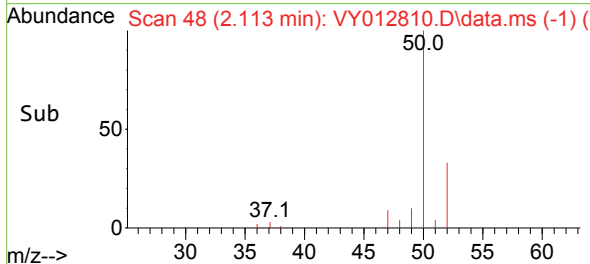
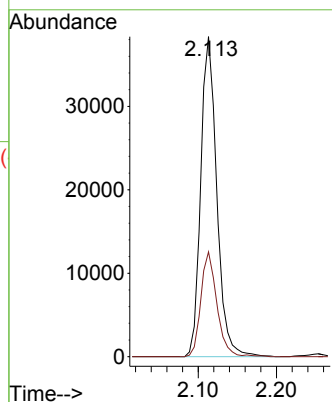
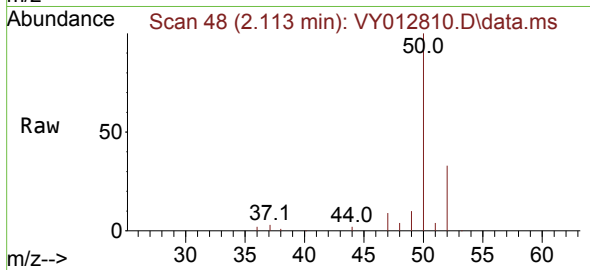




#3
Chloromethane
Concen: 45.561 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

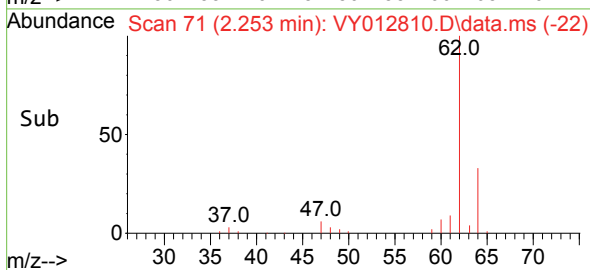
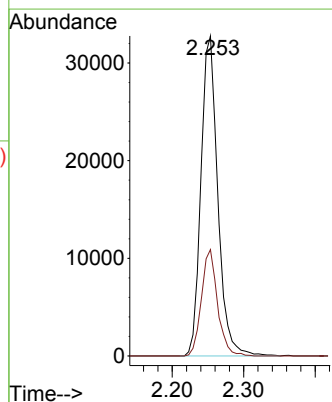
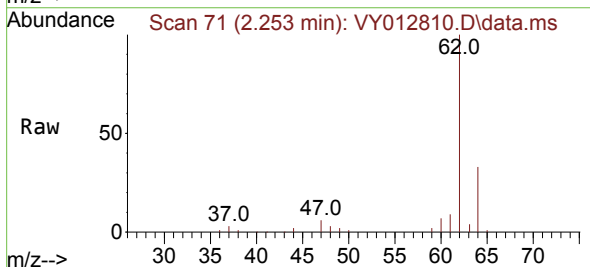
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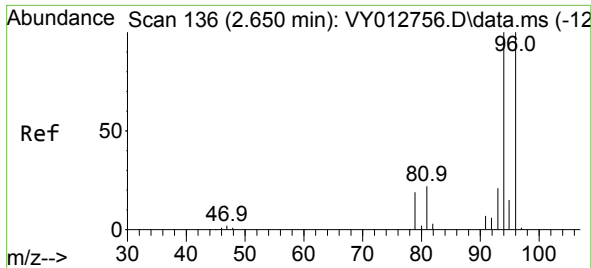
Tgt Ion: 50 Resp: 54673
Ion Ratio Lower Upper
50 100
52 32.7 26.0 39.0



#4
Vinyl Chloride
Concen: 48.657 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

Tgt Ion: 62 Resp: 53542
Ion Ratio Lower Upper
62 100
64 33.2 25.6 38.4

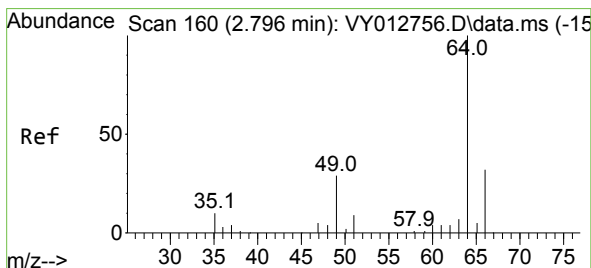
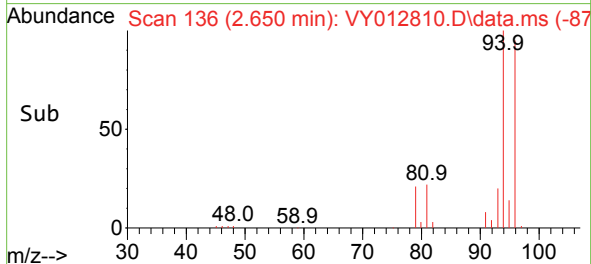
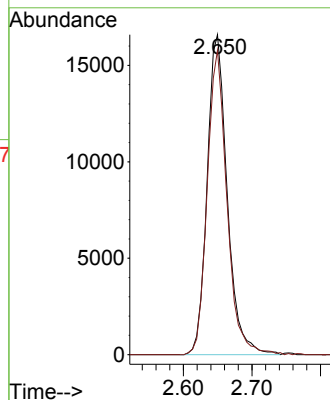
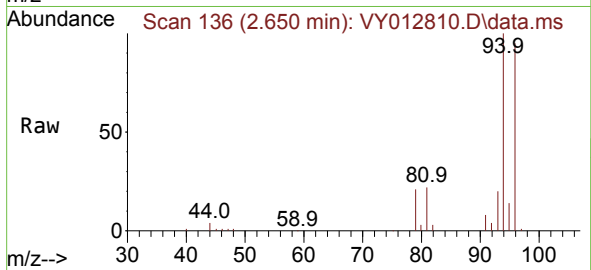




#5
Bromomethane
Concen: 50.623 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012810.D
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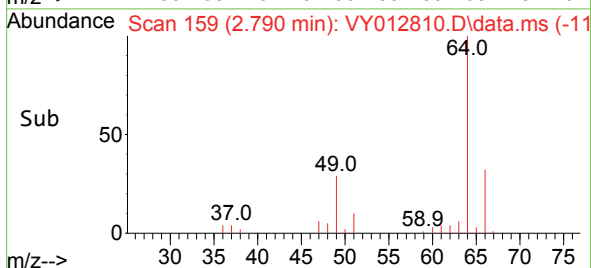
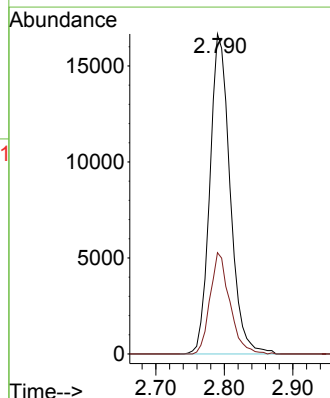
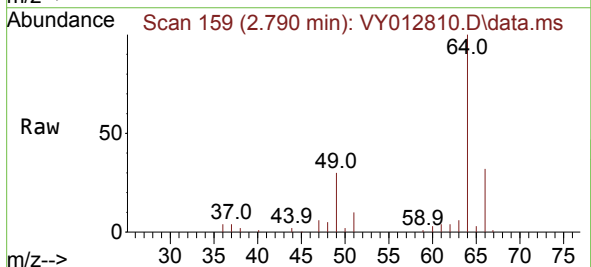
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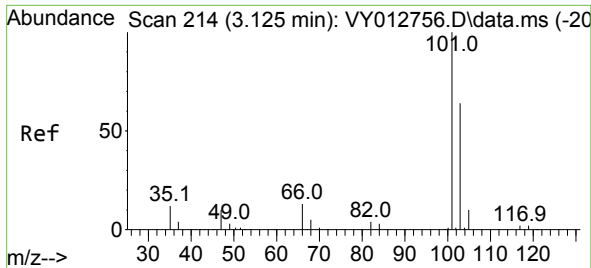
Tgt Ion: 94 Resp: 33848
Ion Ratio Lower Upper
94 100
96 95.1 80.3 120.5



#6
Chloroethane
Concen: 51.908 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

Tgt Ion: 64 Resp: 34208
Ion Ratio Lower Upper
64 100
66 31.7 25.7 38.5

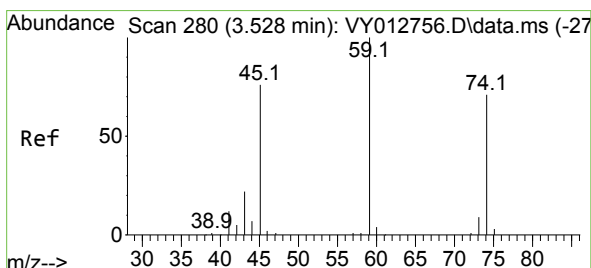
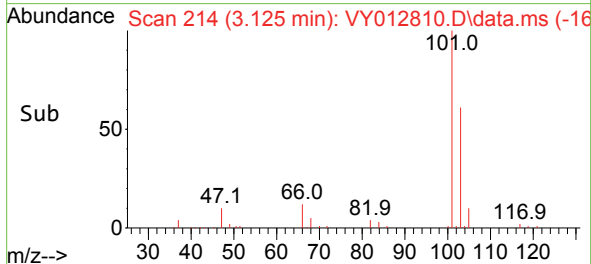
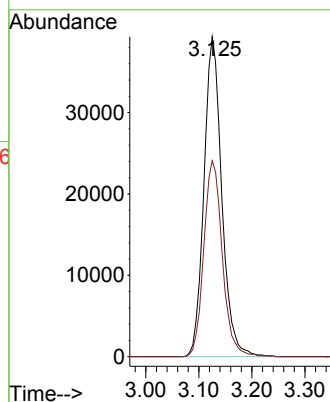
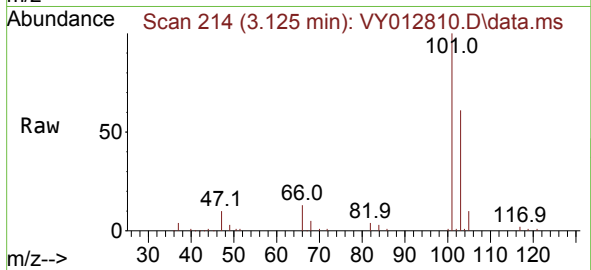




#7
 Trichlorofluoromethane
 Concen: 50.279 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012810.D
 Acq: 03 Mar 2023 20:35

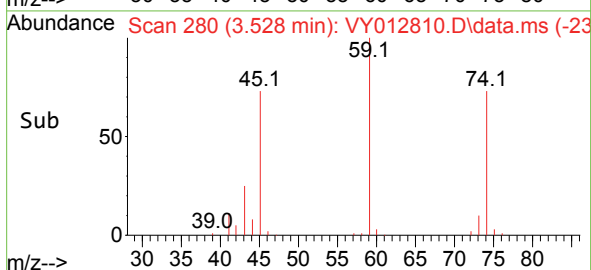
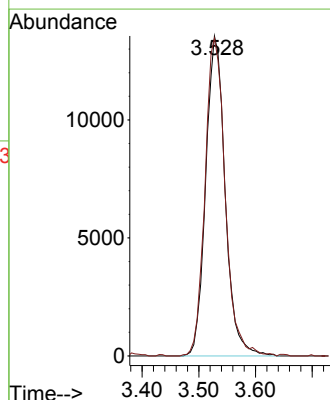
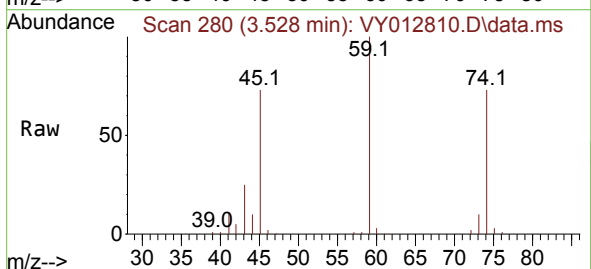
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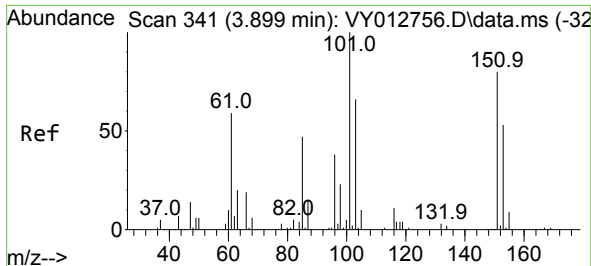
Tgt Ion:101 Resp: 91890
 Ion Ratio Lower Upper
 101 100
 103 61.2 51.5 77.3



#8
 Diethyl Ether
 Concen: 50.451 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY012810.D
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Tgt Ion: 74 Resp: 32312
 Ion Ratio Lower Upper
 74 100
 45 103.0 52.1 156.4

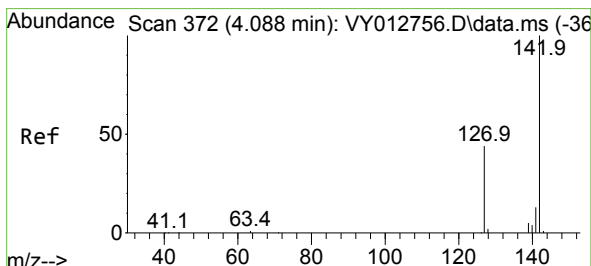
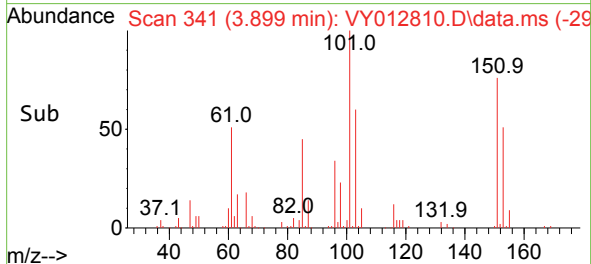
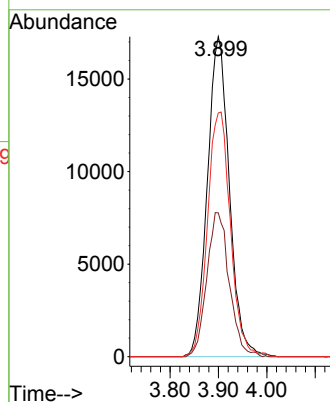
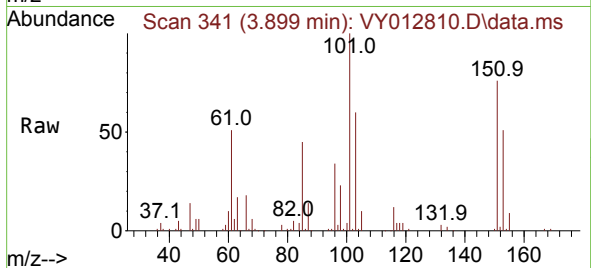




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.713 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

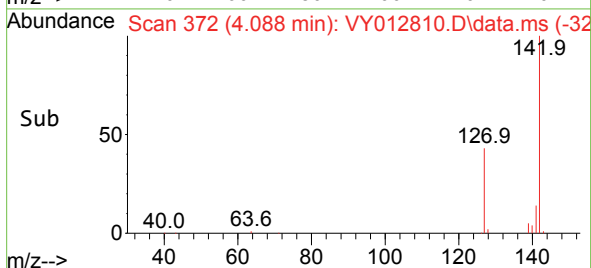
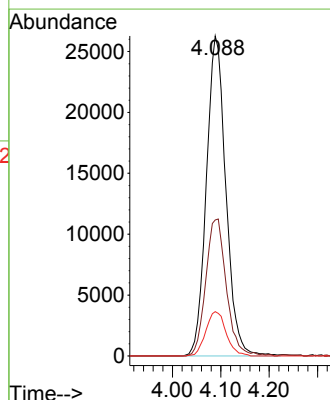
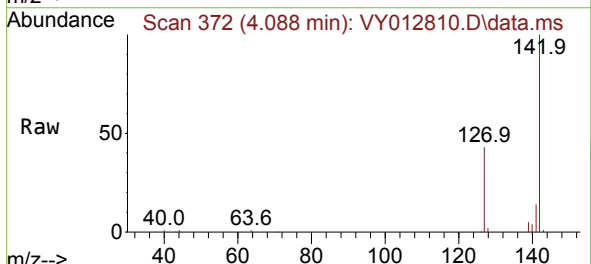
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

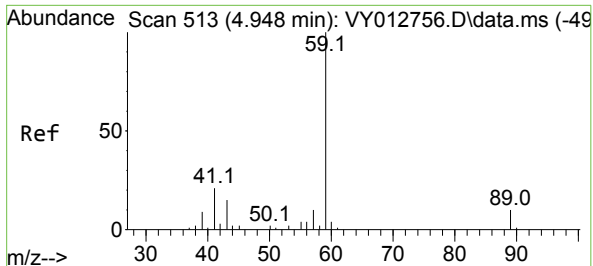
Tgt Ion:101 Resp: 54663
Ion Ratio Lower Upper
101 100
85 45.9 35.3 52.9
151 79.3 63.1 94.7



#10
Methyl Iodide
Concen: 51.336 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

Tgt Ion:142 Resp: 73549
Ion Ratio Lower Upper
142 100
127 45.3 35.4 53.2
141 14.4 11.3 16.9

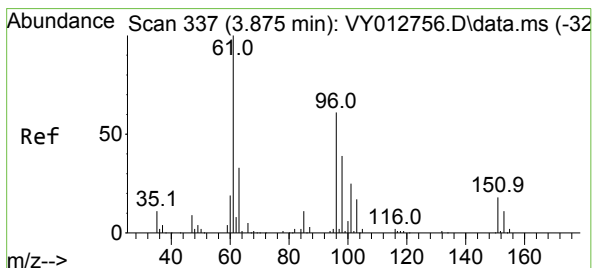
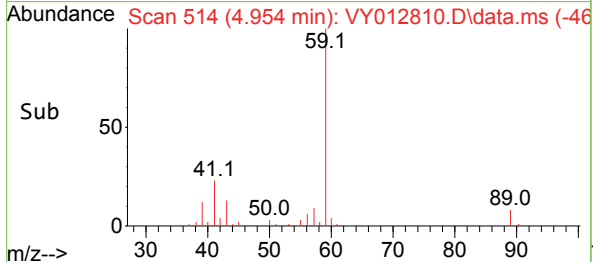
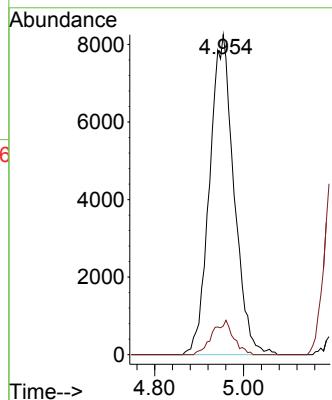
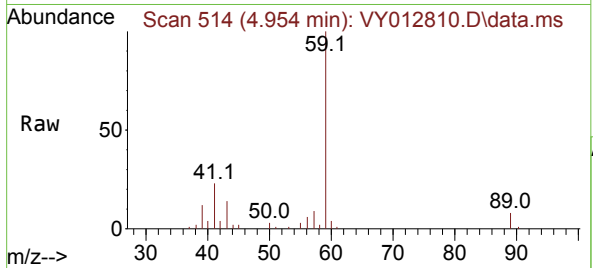




#11
Tert butyl alcohol
Concen: 272.297 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

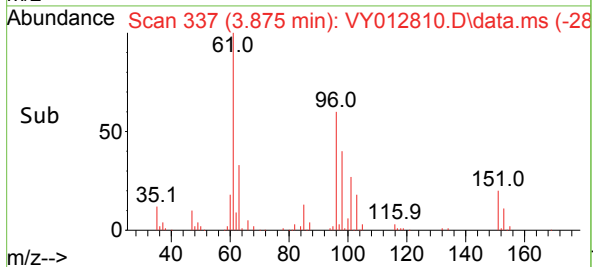
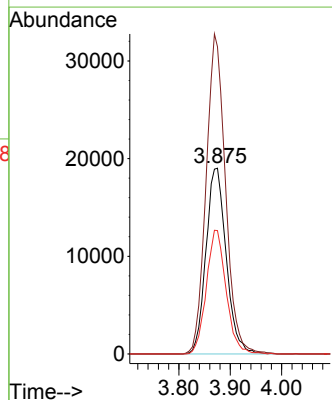
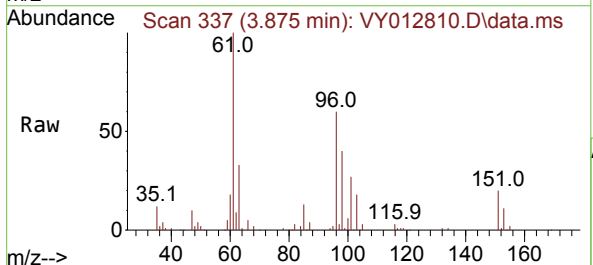
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

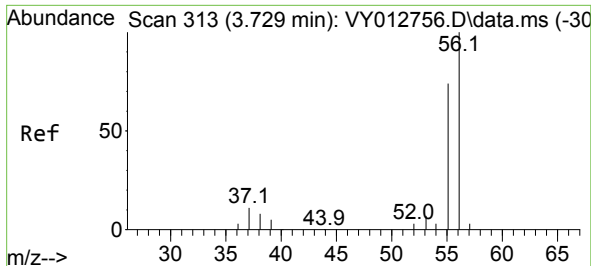
Tgt Ion: 59 Resp: 31454
Ion Ratio Lower Upper
59 100
57 9.4 7.7 11.5



#12
1,1-Dichloroethene
Concen: 49.715 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

Tgt Ion: 96 Resp: 52136
Ion Ratio Lower Upper
96 100
61 165.3 131.7 197.5
98 66.4 52.0 78.0





#13

Acrolein

Concen: 237.463 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

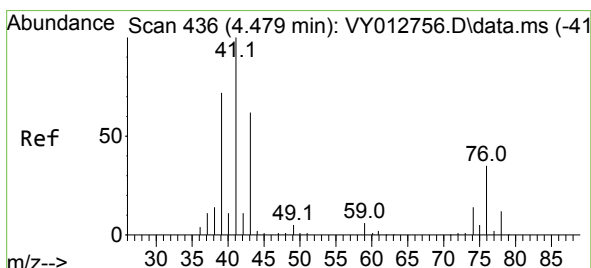
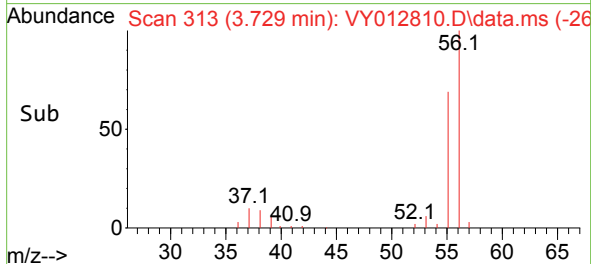
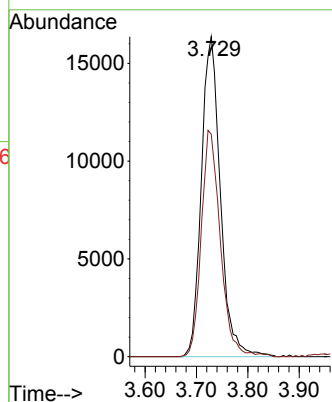
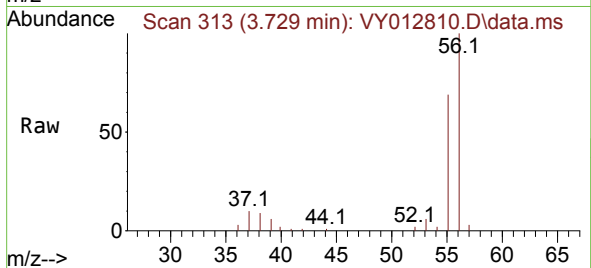
VSTDCCC050EC

Tgt Ion: 56 Resp: 42066

Ion Ratio Lower Upper

56 100

55 70.9 56.8 85.2



#14

Allyl chloride

Concen: 48.744 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

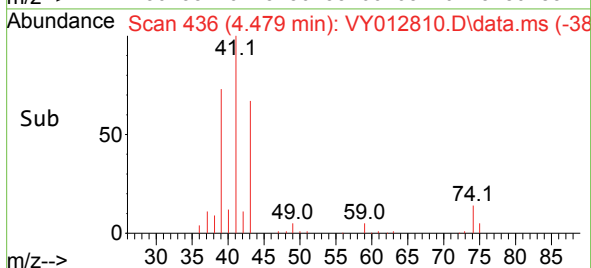
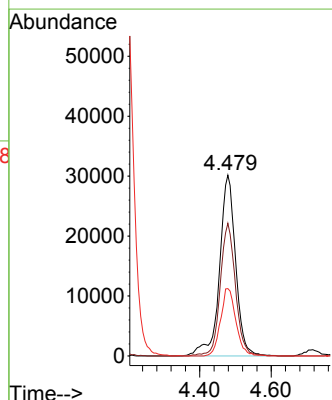
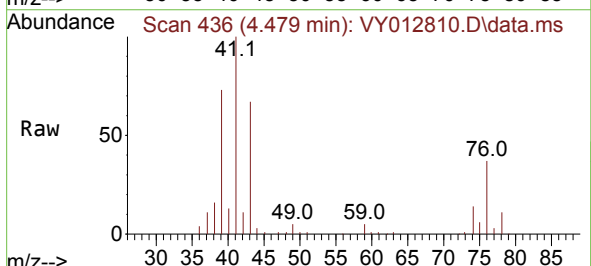
Tgt Ion: 41 Resp: 94424

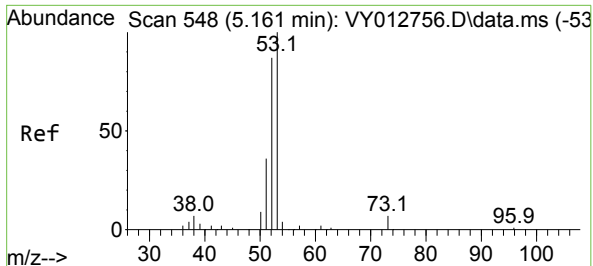
Ion Ratio Lower Upper

41 100

39 69.5 53.6 80.4

76 35.5 27.2 40.8

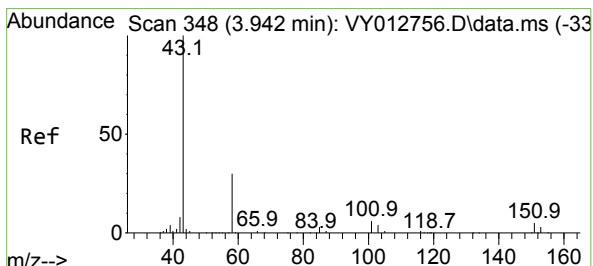
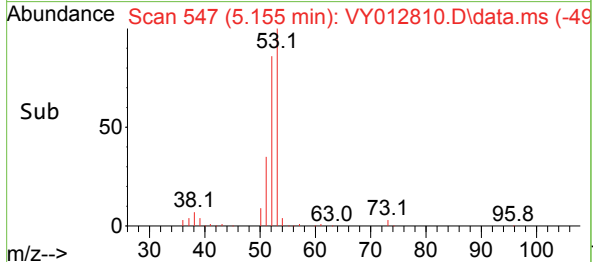
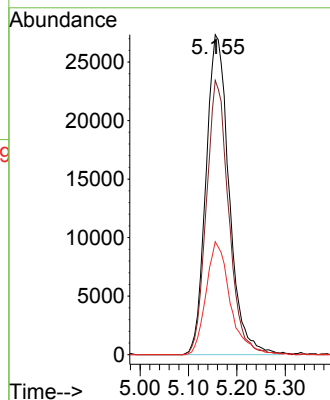
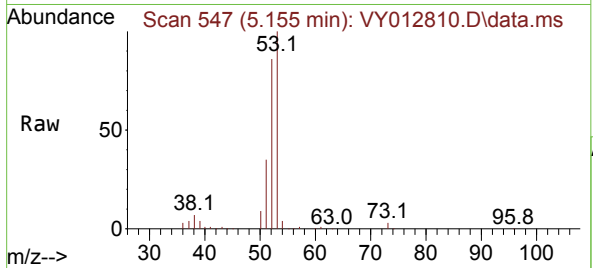




#15
Acrylonitrile
Concen: 269.683 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

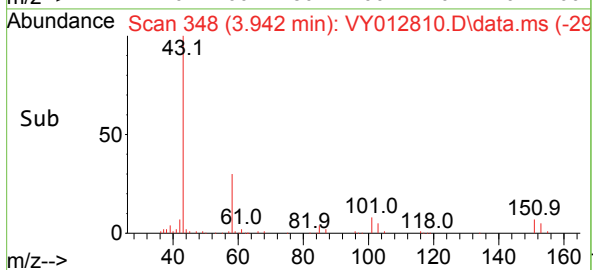
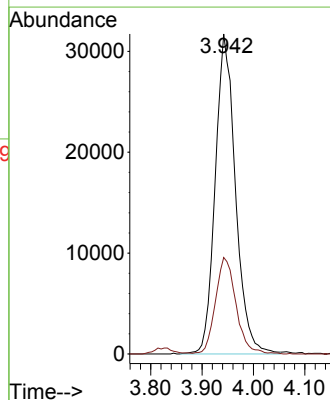
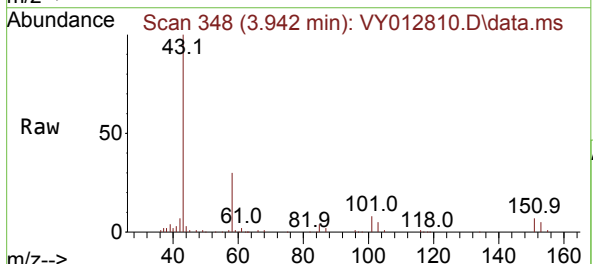
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

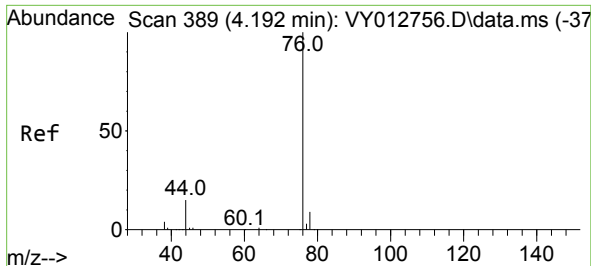
Tgt Ion: 53 Resp: 91007
Ion Ratio Lower Upper
53 100
52 82.7 66.3 99.5
51 36.8 28.8 43.2



#16
Acetone
Concen: 218.753 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

Tgt Ion: 43 Resp: 86817
Ion Ratio Lower Upper
43 100
58 30.0 24.2 36.2

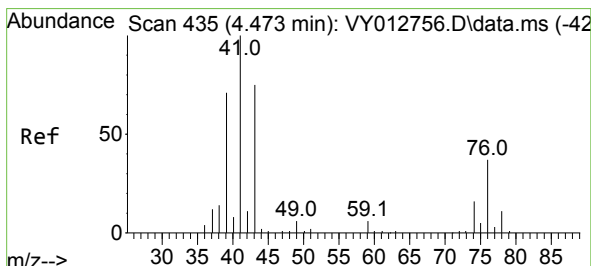
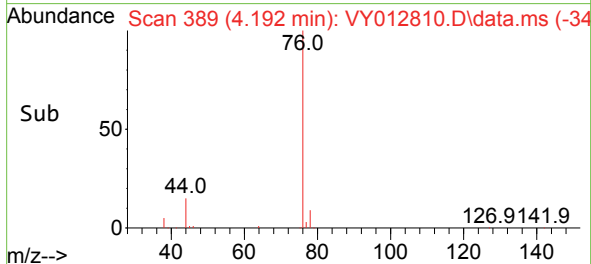
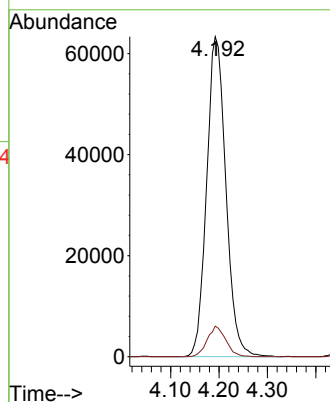
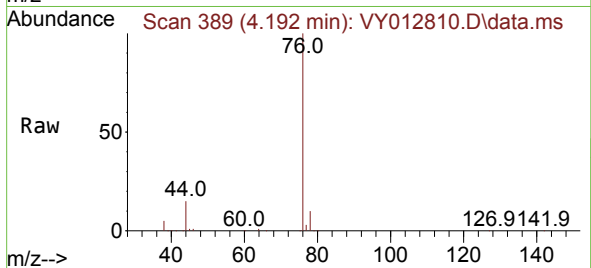




#17
Carbon Disulfide
Concen: 49.016 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

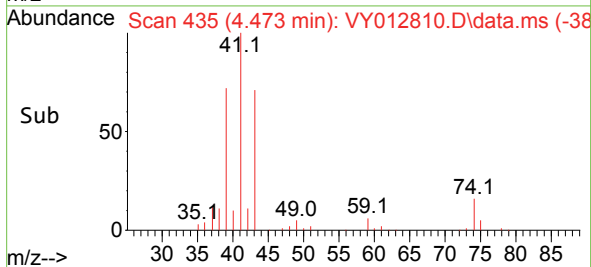
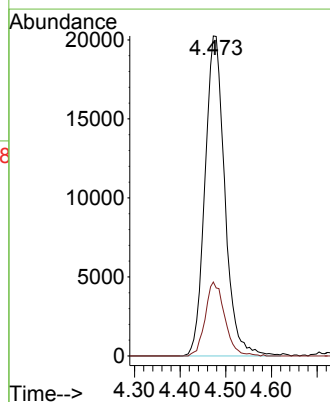
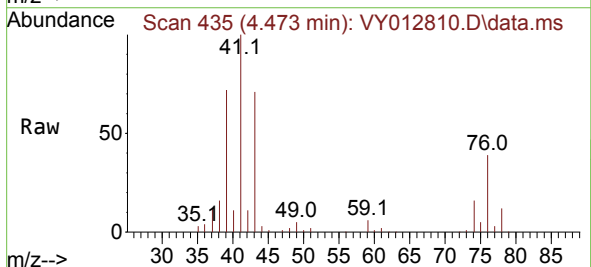
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

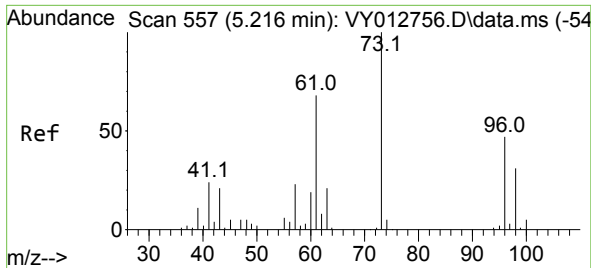
Tgt Ion: 76 Resp: 174969
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 51.686 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

Tgt Ion: 43 Resp: 61086
Ion Ratio Lower Upper
43 100
74 22.7 17.4 26.0

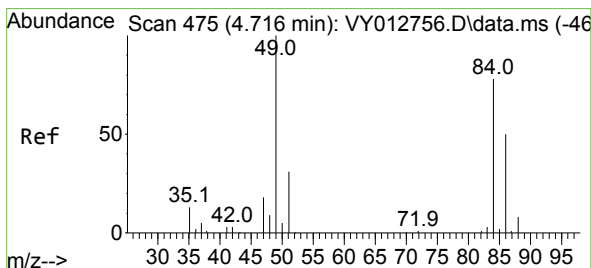
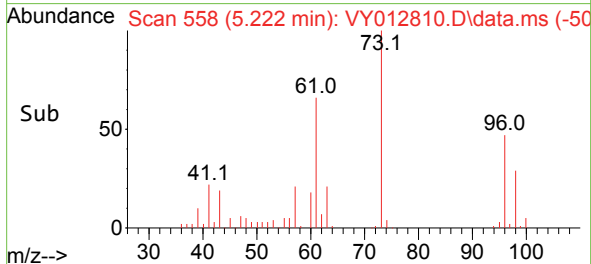
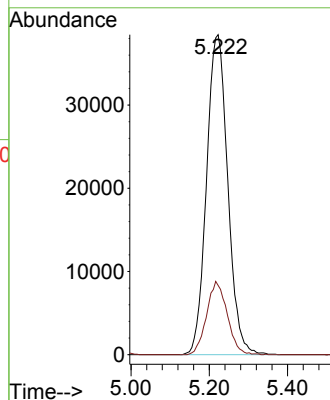
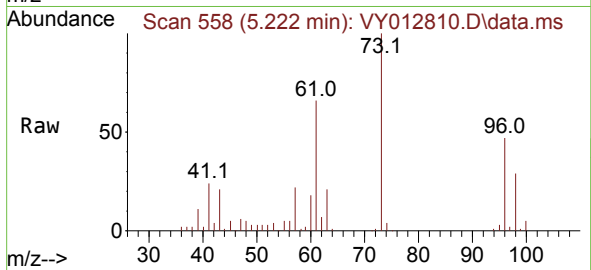




#19
Methyl tert-butyl Ether
Concen: 53.327 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

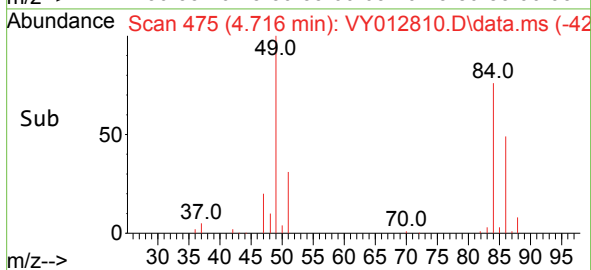
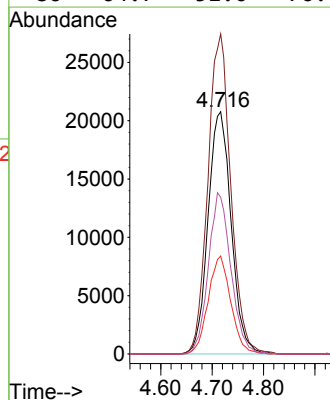
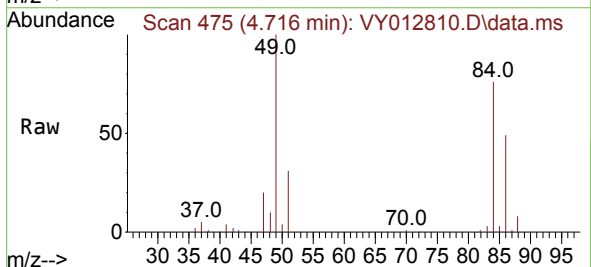
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

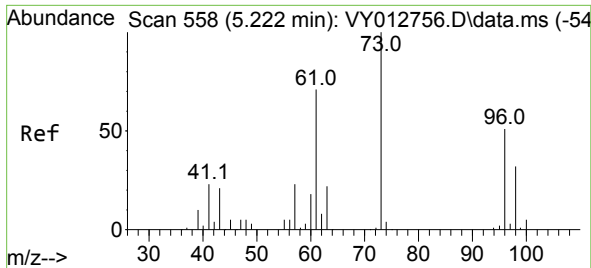
Tgt Ion: 73 Resp: 144451
Ion Ratio Lower Upper
73 100
57 21.6 18.3 27.5



#20
Methylene Chloride
Concen: 54.164 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

Tgt Ion: 84 Resp: 65054
Ion Ratio Lower Upper
84 100
49 132.1 102.6 154.0
51 40.4 31.9 47.9
86 64.7 51.0 76.6

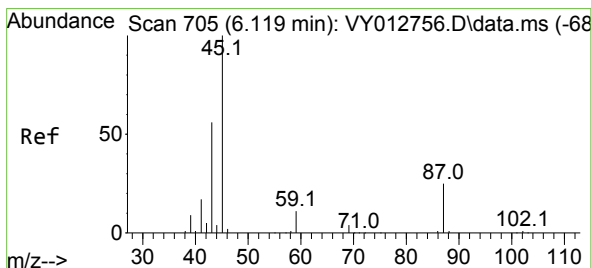
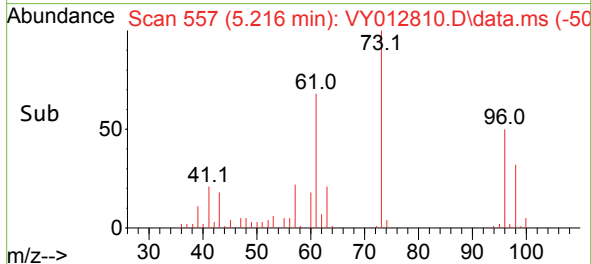
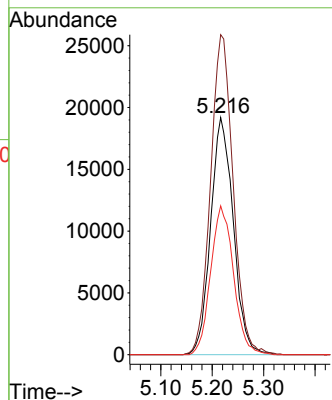
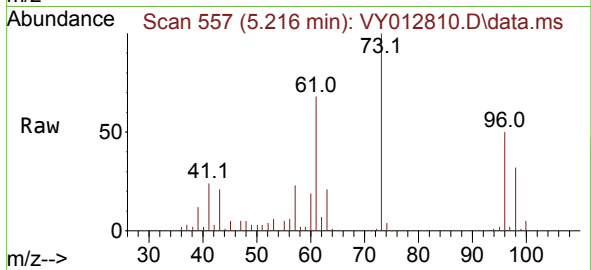




#21
trans-1,2-Dichloroethene
Concen: 51.560 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

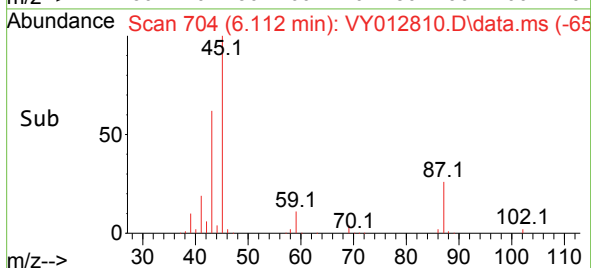
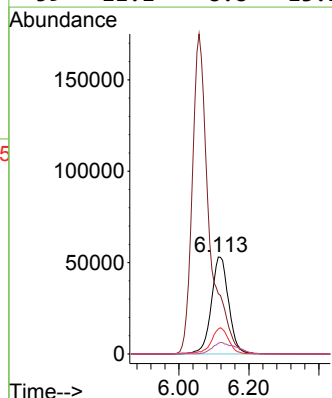
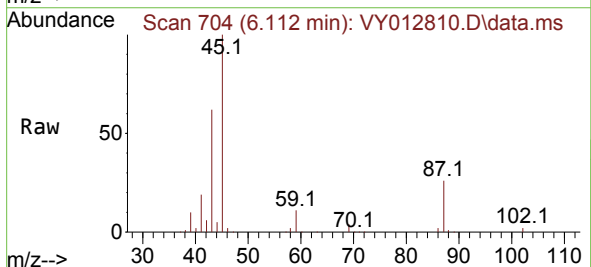
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

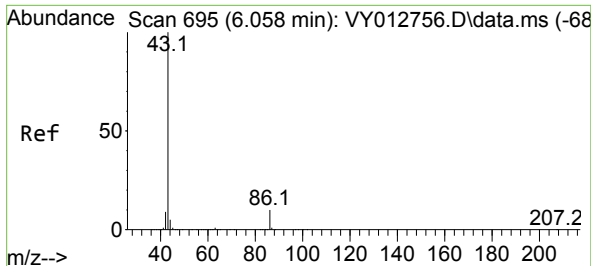
Tgt Ion: 96 Resp: 58759
Ion Ratio Lower Upper
96 100
61 135.0 111.4 167.0
98 62.8 50.8 76.2



#22
Diisopropyl ether
Concen: 51.790 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

Tgt Ion: 45 Resp: 182219
Ion Ratio Lower Upper
45 100
43 61.9 45.0 67.6
87 25.8 20.3 30.5
59 11.1 8.8 13.2

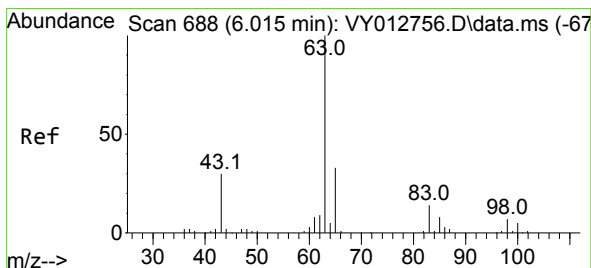
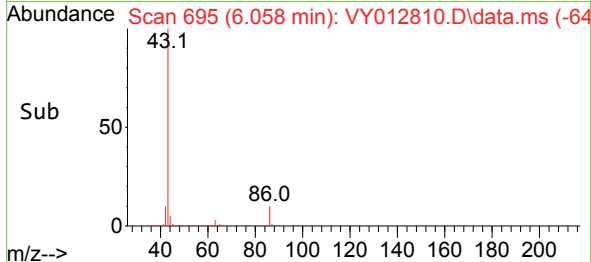
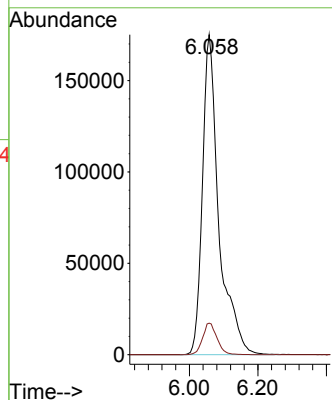
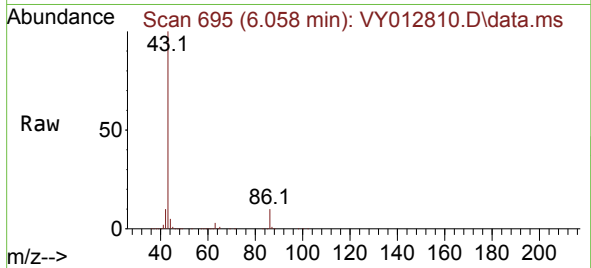




#23
 Vinyl Acetate
 Concen: 266.966 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012810.D
 Acq: 03 Mar 2023 20:35

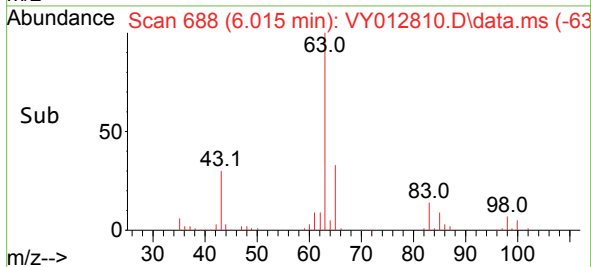
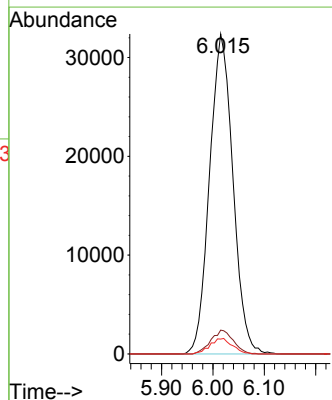
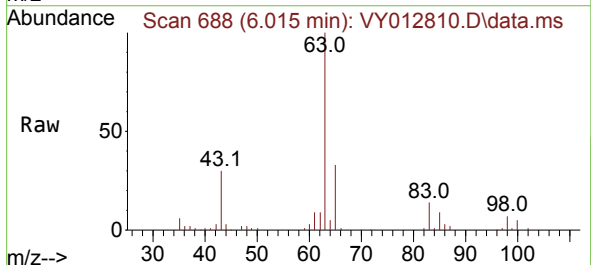
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

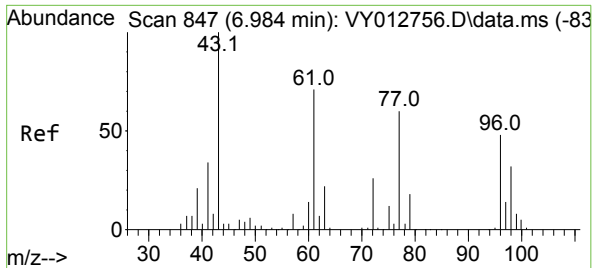
Tgt Ion: 43 Resp: 583630
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 50.988 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012810.D
 Acq: 03 Mar 2023 20:35

Tgt Ion: 63 Resp: 102226
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.7 11.1
 100 4.7 2.3 6.8





#25

2-Butanone

Concen: 249.174 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

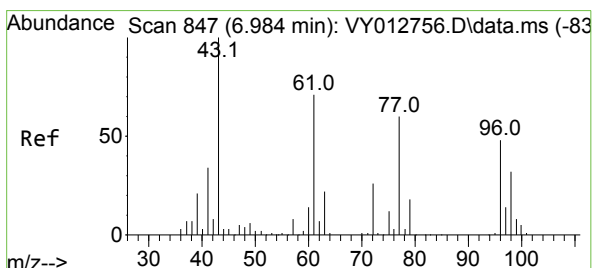
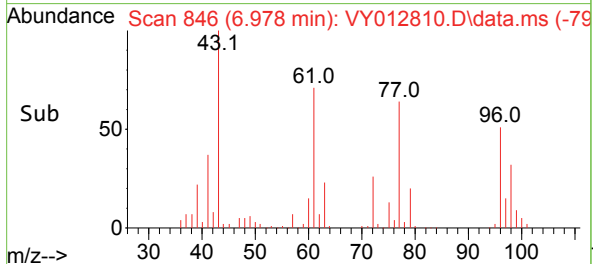
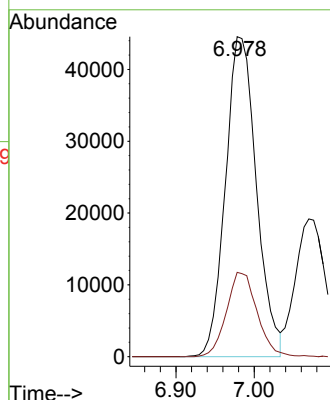
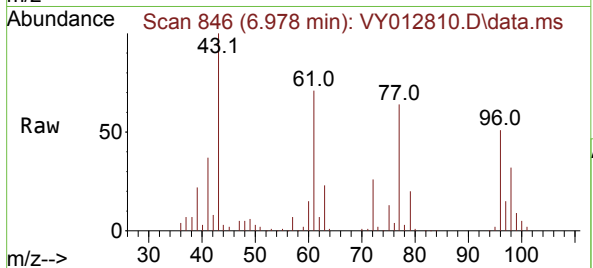
VSTDCCC050EC

Tgt Ion: 43 Resp: 122484

Ion Ratio Lower Upper

43 100

72 26.4 21.0 31.4



#26

2,2-Dichloropropane

Concen: 47.201 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012810.D

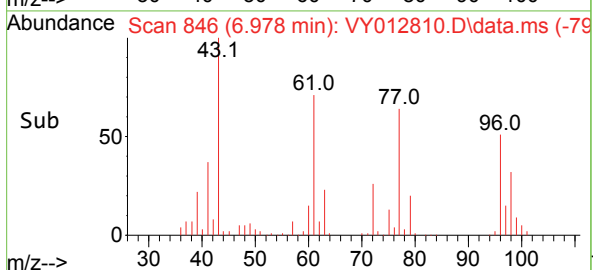
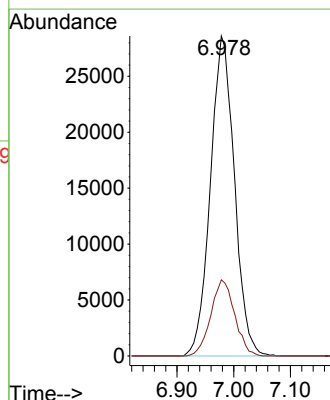
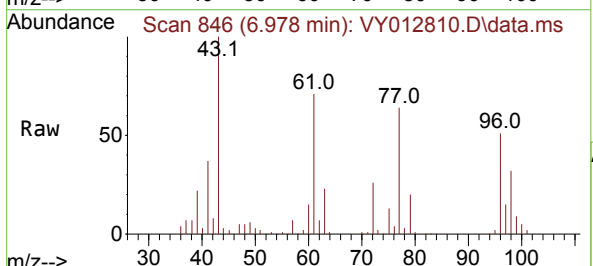
Acq: 03 Mar 2023 20:35

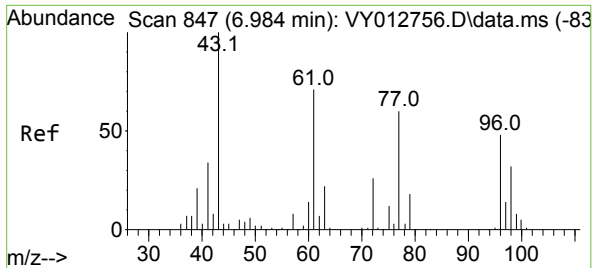
Tgt Ion: 77 Resp: 84051

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.0



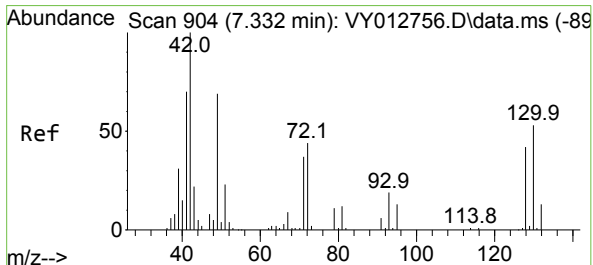
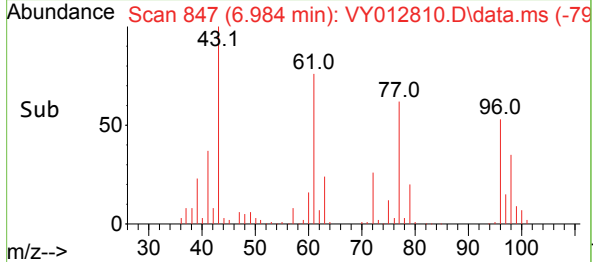
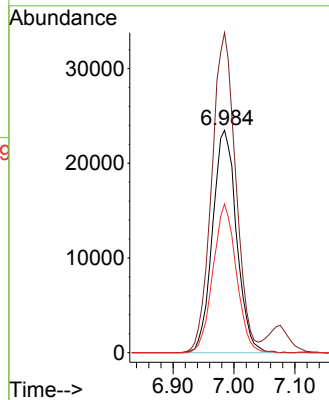
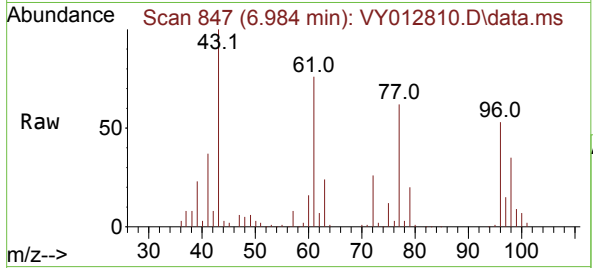


#27
 cis-1,2-Dichloroethene
 Concen: 52.590 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY012810.D
 Acq: 03 Mar 2023 20:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 64256

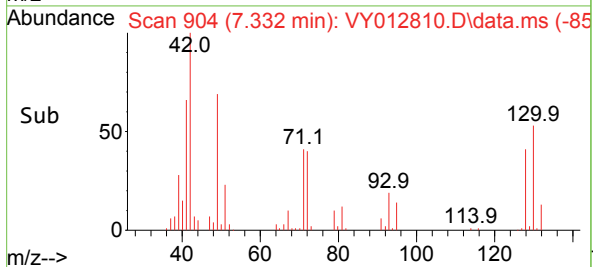
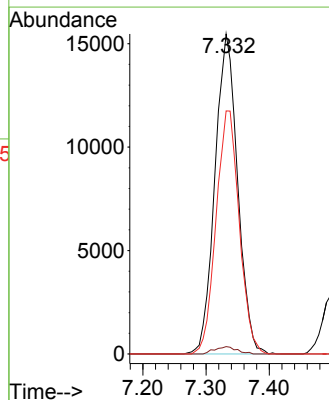
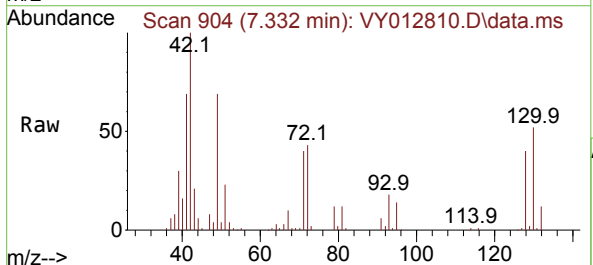
Ion	Ratio	Lower	Upper
96	100		
61	143.9	0.0	295.8
98	65.1	0.0	130.2

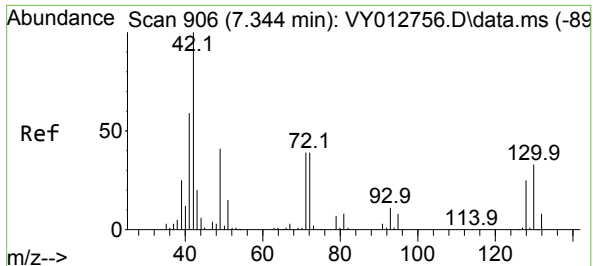


#28
 Bromochloromethane
 Concen: 52.504 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012810.D
 Acq: 03 Mar 2023 20:35

Tgt Ion: 49 Resp: 38469

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	77.6	60.5	90.7





#29

Tetrahydrofuran

Concen: 276.099 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

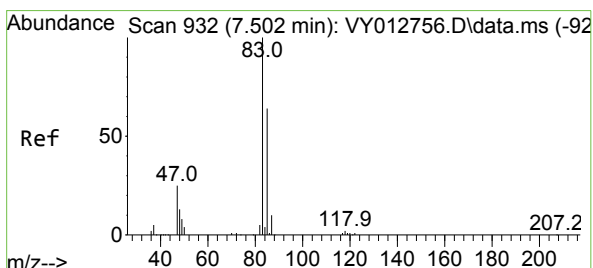
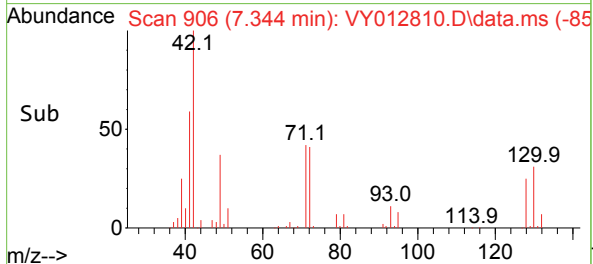
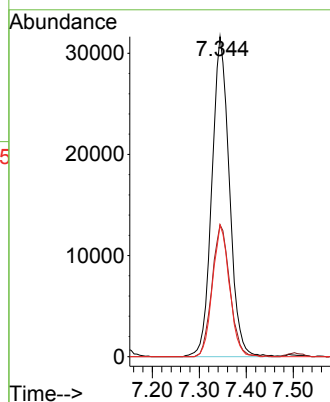
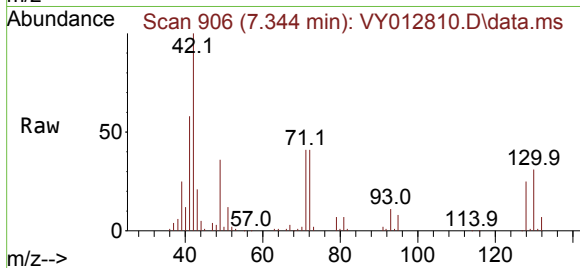
Tgt Ion: 42 Resp: 81855

Ion Ratio Lower Upper

42 100

72 42.0 32.3 48.5

71 39.7 30.3 45.5



#30

Chloroform

Concen: 53.164 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.001 min

Lab File: VY012810.D

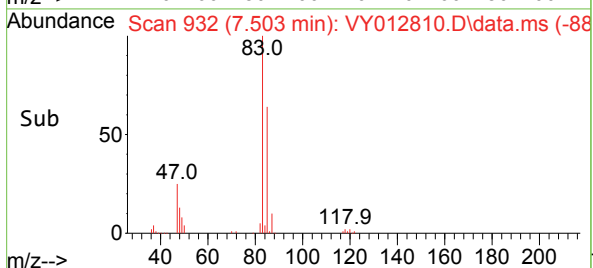
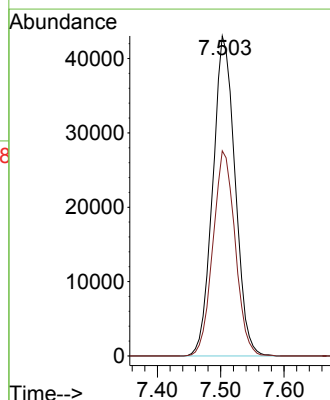
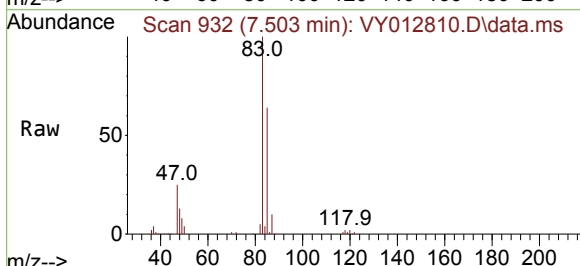
Acq: 03 Mar 2023 20:35

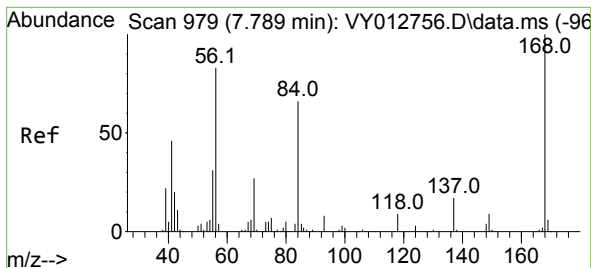
Tgt Ion: 83 Resp: 105284

Ion Ratio Lower Upper

83 100

85 64.1 51.4 77.0





#31

Cyclohexane

Concen: 47.217 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

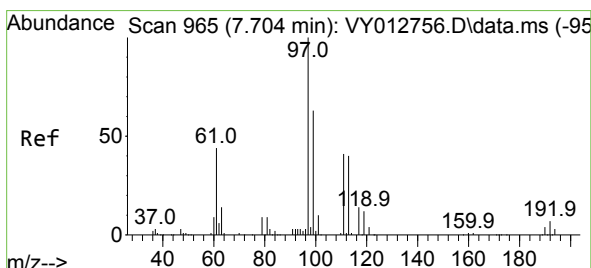
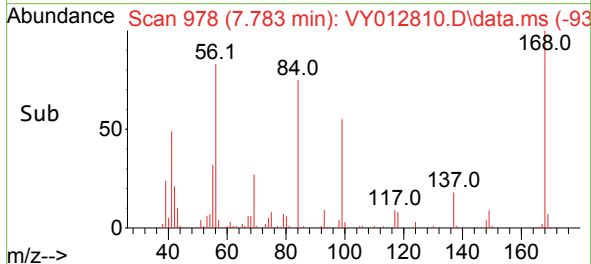
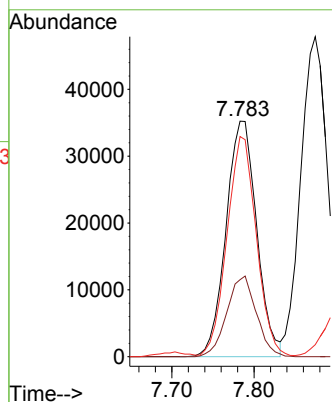
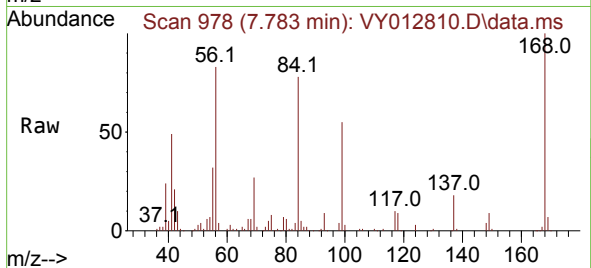
Tgt Ion: 56 Resp: 91434

Ion Ratio Lower Upper

56 100

69 32.7 25.7 38.5

84 92.0 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 51.860 ug/l

RT: 7.698 min Scan# 964

Delta R.T. -0.006 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

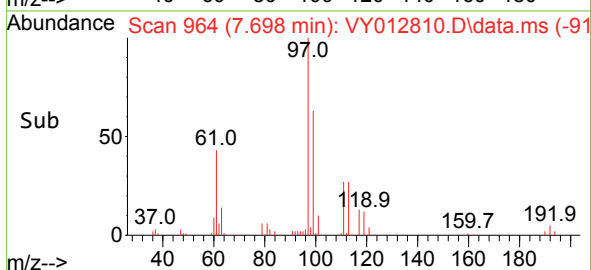
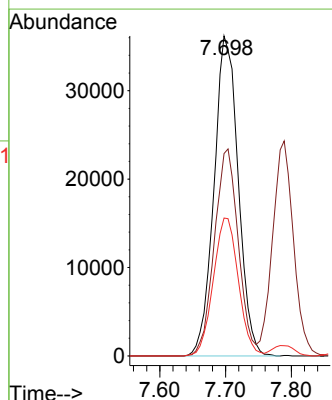
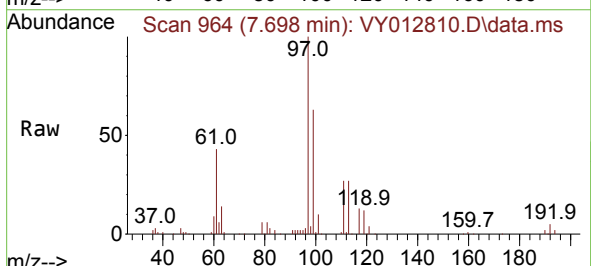
Tgt Ion: 97 Resp: 92877

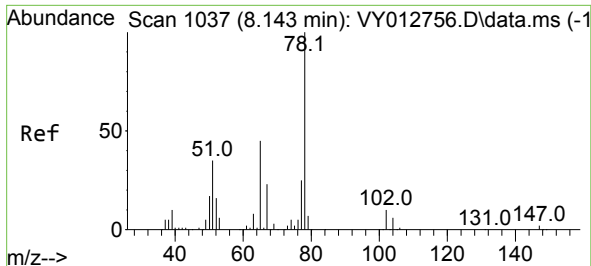
Ion Ratio Lower Upper

97 100

99 63.9 51.0 76.6

61 44.6 34.5 51.7

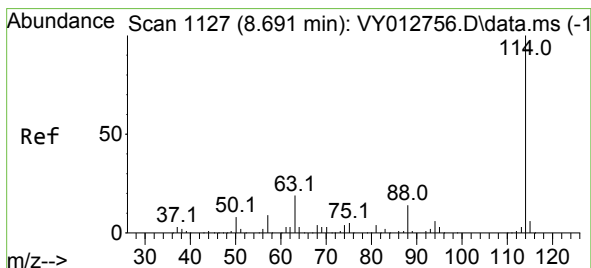
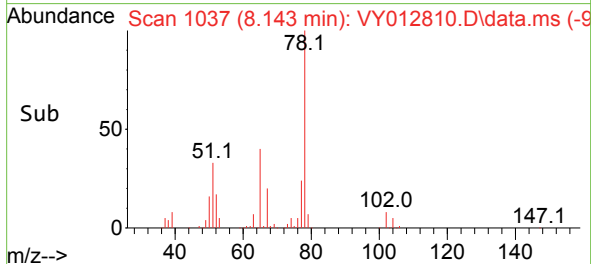
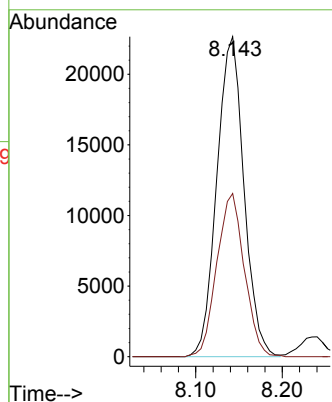
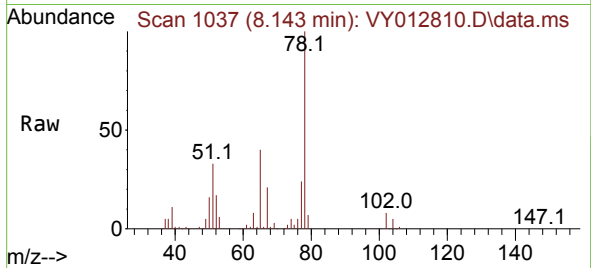




#33
 1,2-Dichloroethane-d4
 Concen: 48.688 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012810.D
 Acq: 03 Mar 2023 20:35

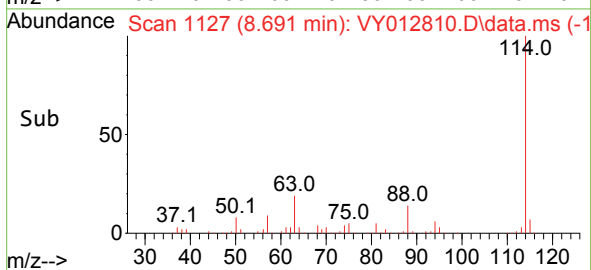
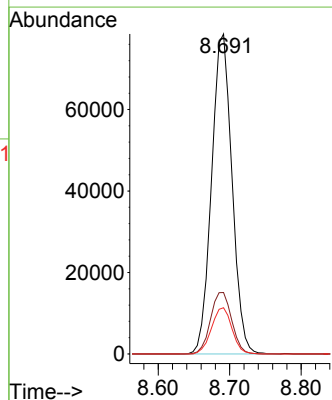
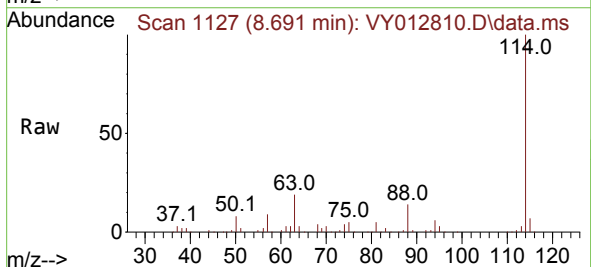
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

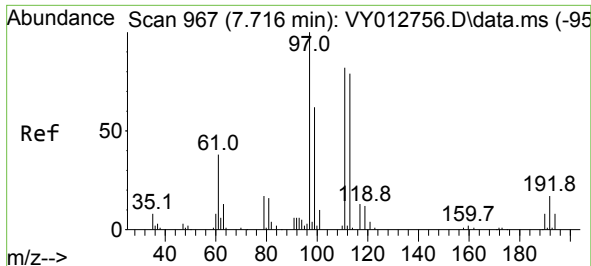
Tgt Ion: 65 Resp: 49229
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012810.D
 Acq: 03 Mar 2023 20:35

Tgt Ion:114 Resp: 155791
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.4
 88 14.5 0.0 28.6

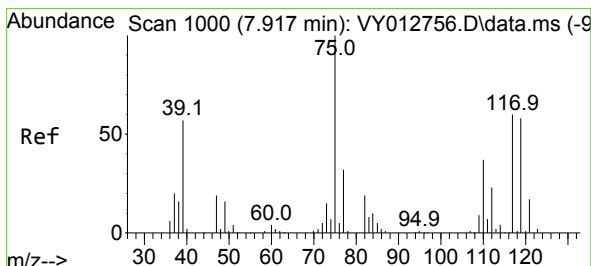
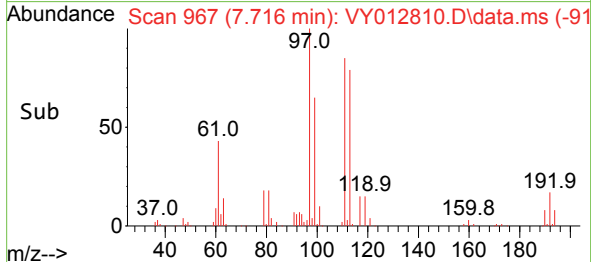
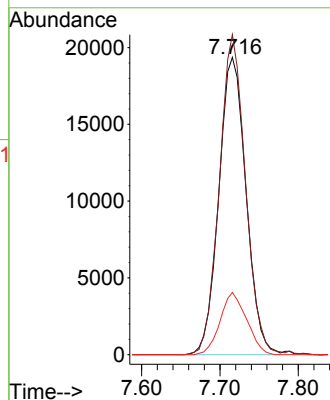
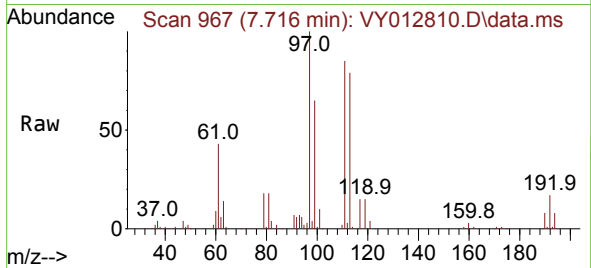




#35
Dibromofluoromethane
Concen: 49.713 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

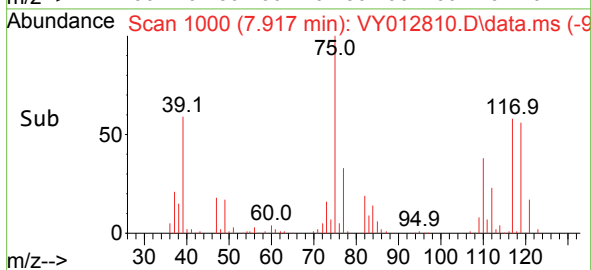
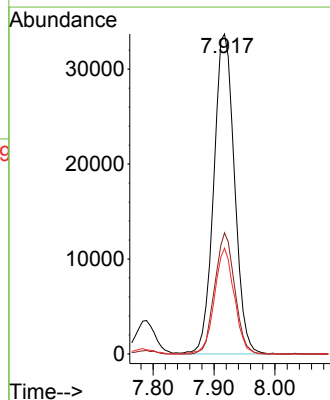
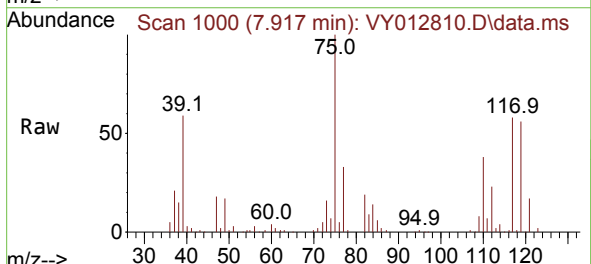
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

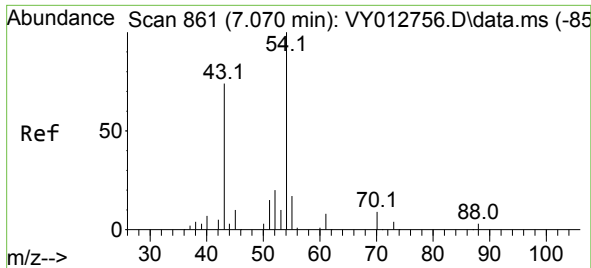
Tgt Ion:113 Resp: 46740
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 20.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 50.590 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

Tgt Ion: 75 Resp: 79707
Ion Ratio Lower Upper
75 100
110 36.5 17.8 53.3
77 31.6 25.0 37.4

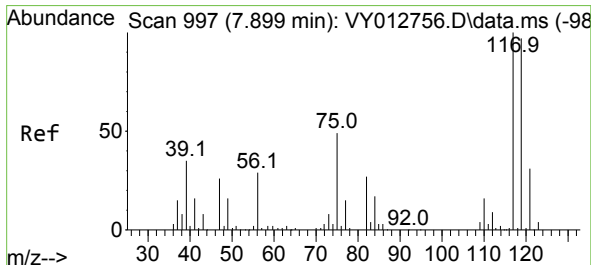
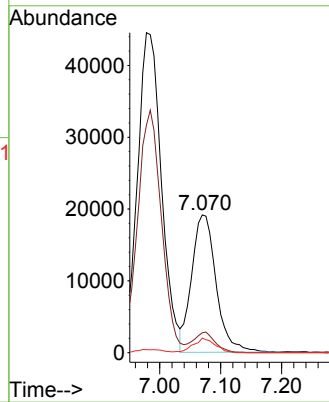
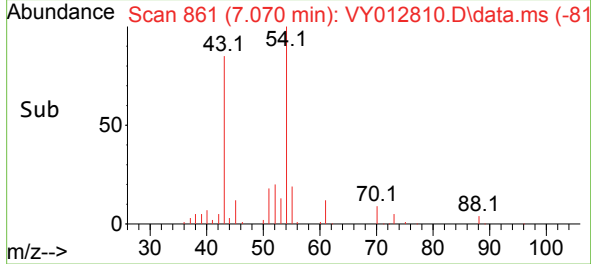
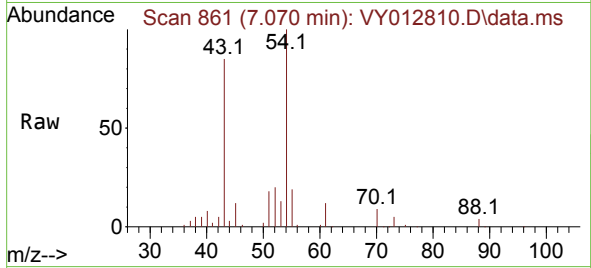




#37
Ethyl Acetate
Concen: 53.847 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

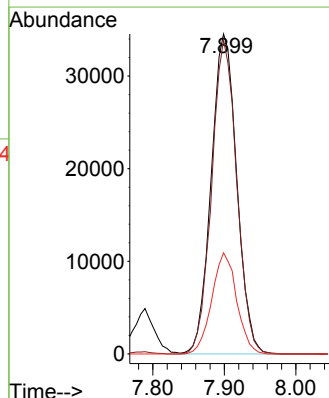
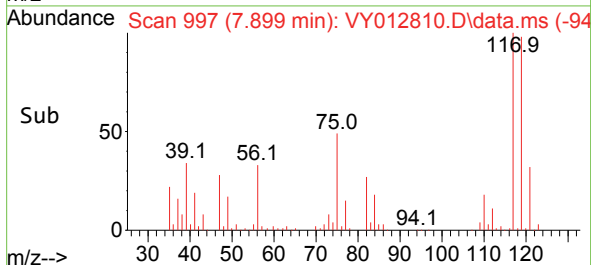
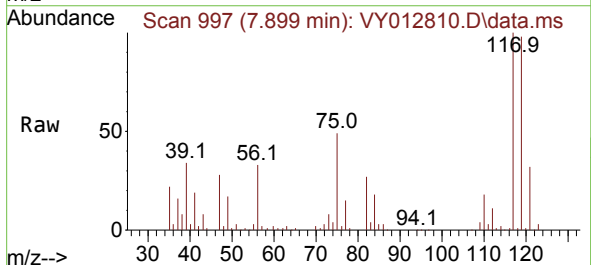
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

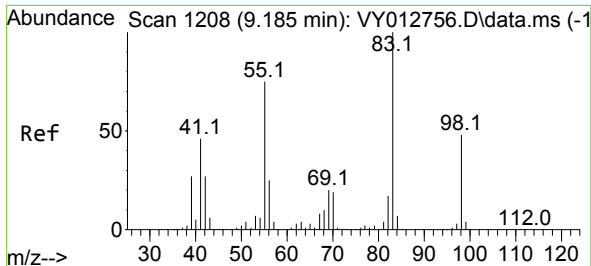
Tgt Ion:	43	Resp:	53473
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	9.4	7.8	11.8



#38
Carbon Tetrachloride
Concen: 52.817 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

Tgt Ion:	117	Resp:	85934
Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.2	115.8
121	31.6	24.7	37.1





#39

Methylcyclohexane

Concen: 51.216 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

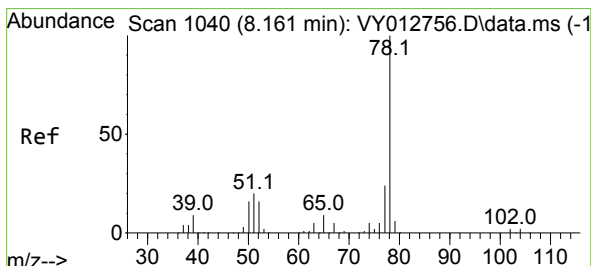
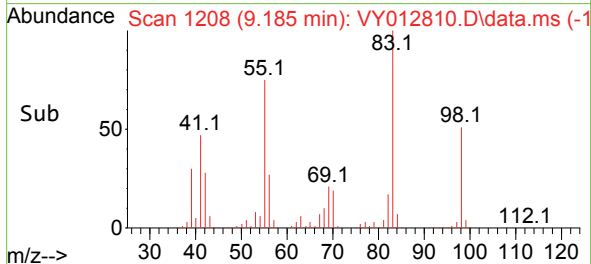
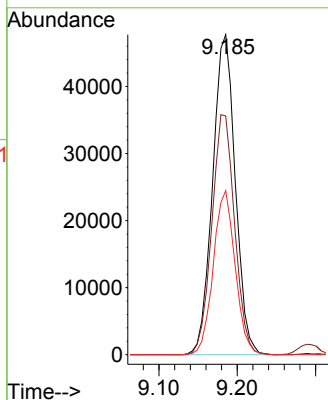
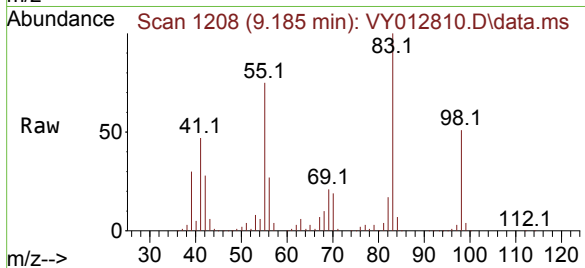
Tgt Ion: 83 Resp: 95935

Ion Ratio Lower Upper

83 100

55 74.6 60.0 90.0

98 51.2 38.3 57.5



#40

Benzene

Concen: 52.414 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012810.D

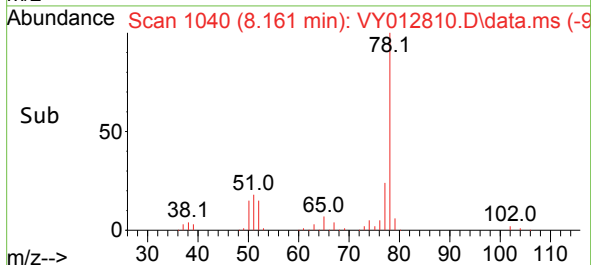
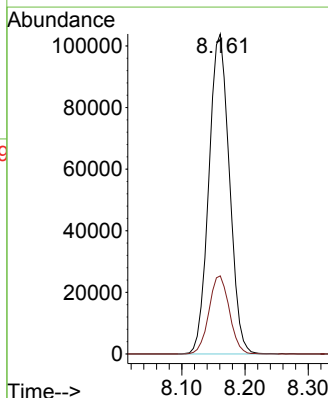
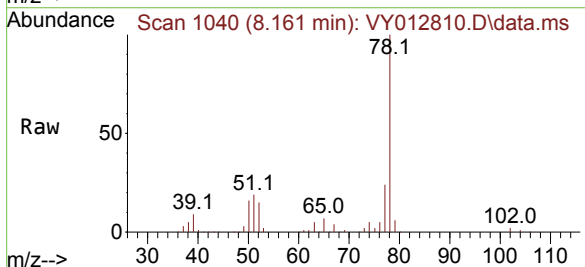
Acq: 03 Mar 2023 20:35

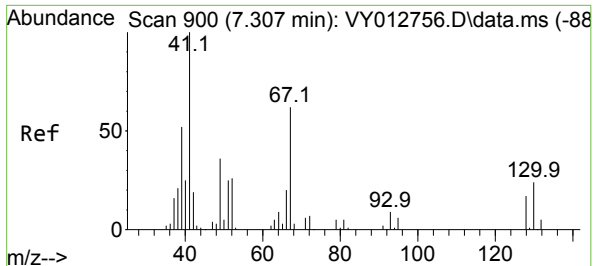
Tgt Ion: 78 Resp: 233602

Ion Ratio Lower Upper

78 100

77 24.4 19.4 29.0

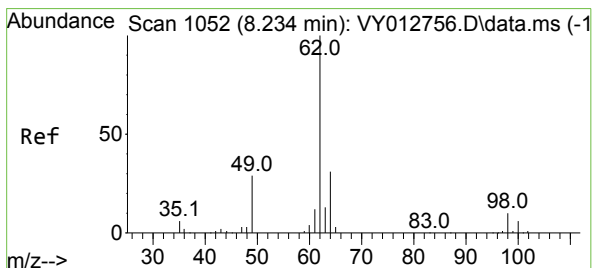
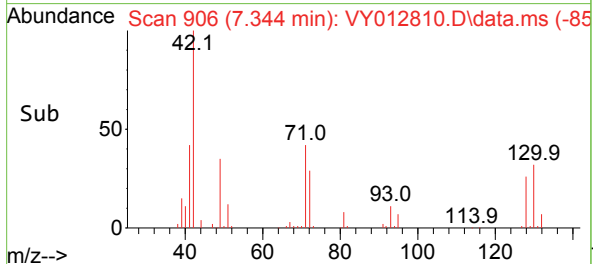
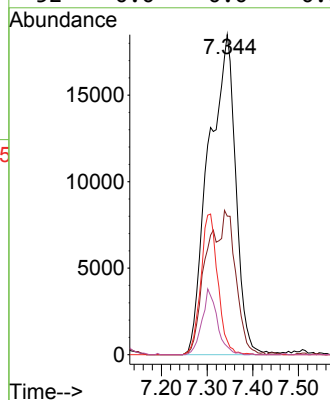
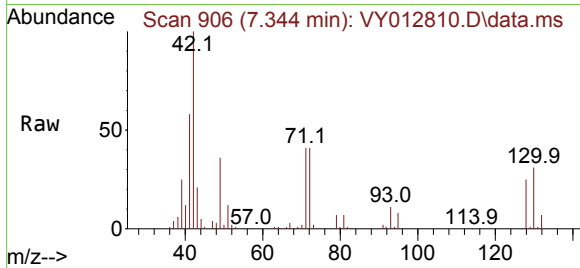




#41
Methacrylonitrile
Concen: 141.745 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

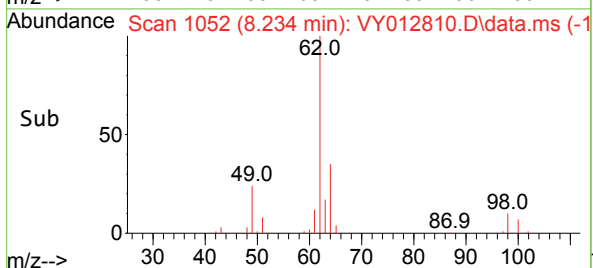
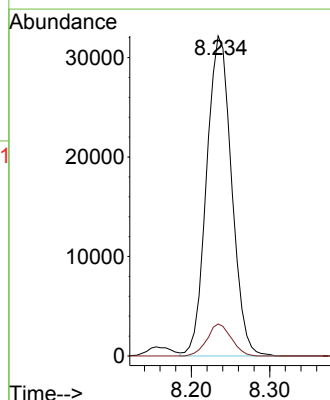
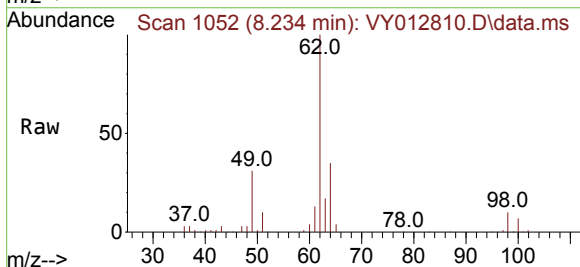
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

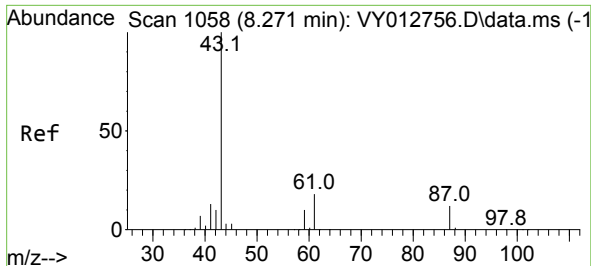
Tgt Ion: 41	Resp: 75838
Ion Ratio	Lower Upper
41 100	
39 21.2	0.0 0.0#
67 0.0	0.0 0.0
52 0.0	0.0 0.0



#42
1,2-Dichloroethane
Concen: 53.284 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

Tgt Ion: 62	Resp: 71397
Ion Ratio	Lower Upper
62 100	
98 9.7	0.0 18.8

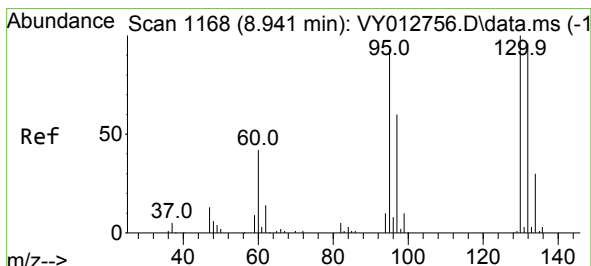
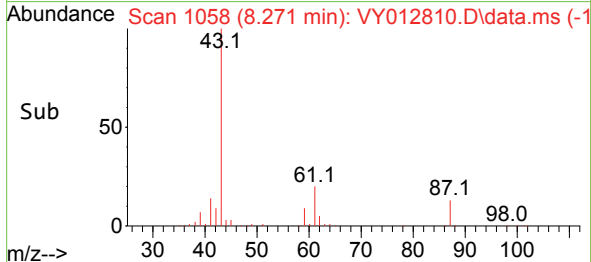
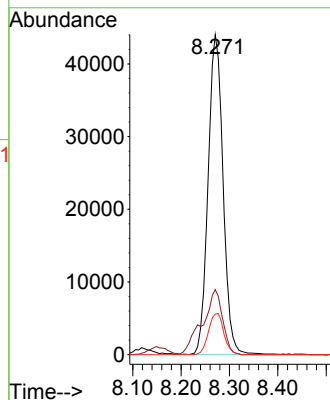
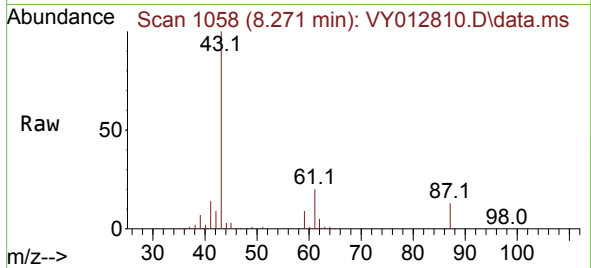




#43
Isopropyl Acetate
Concen: 53.512 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

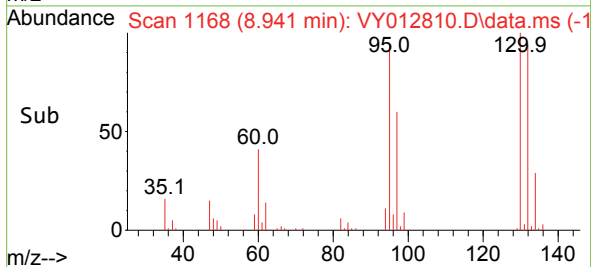
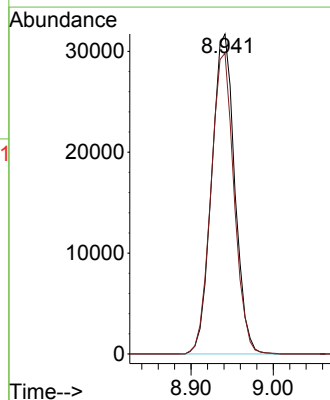
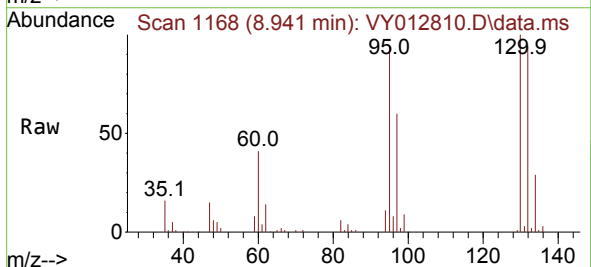
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

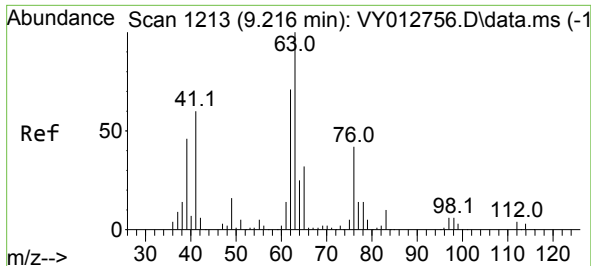
Tgt Ion: 43 Resp: 94809
Ion Ratio Lower Upper
43 100
61 27.4 21.6 32.4
87 13.2 9.9 14.9



#44
Trichloroethene
Concen: 52.498 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

Tgt Ion:130 Resp: 61688
Ion Ratio Lower Upper
130 100
95 94.0 0.0 185.0

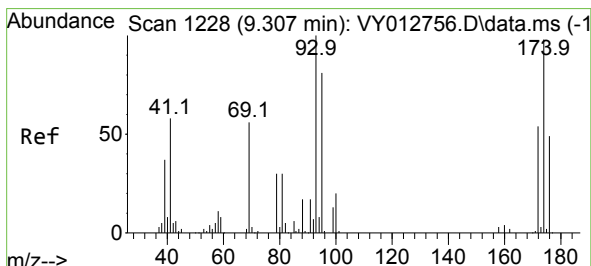
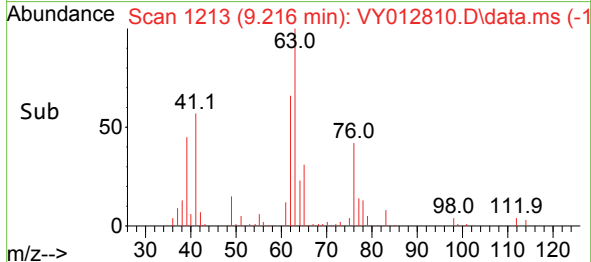
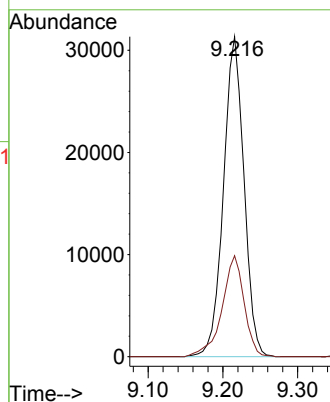
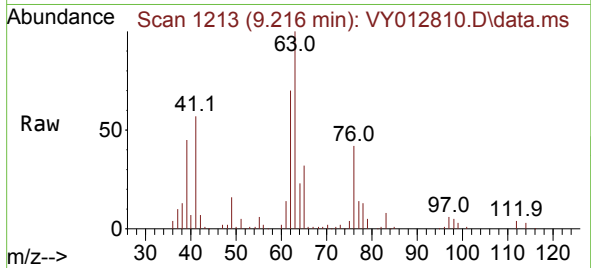




#45
1,2-Dichloropropane
Concen: 53.162 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

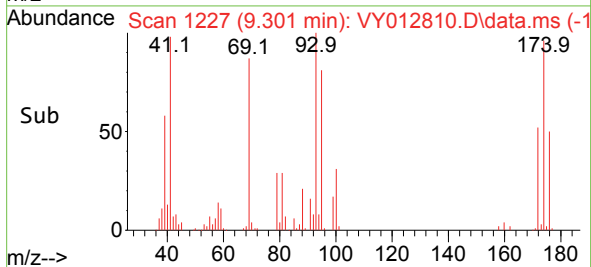
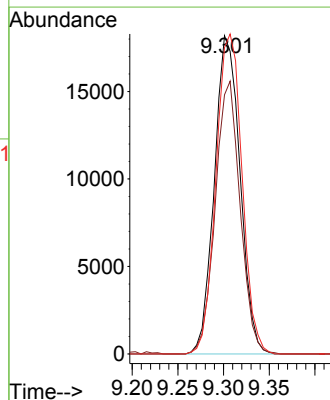
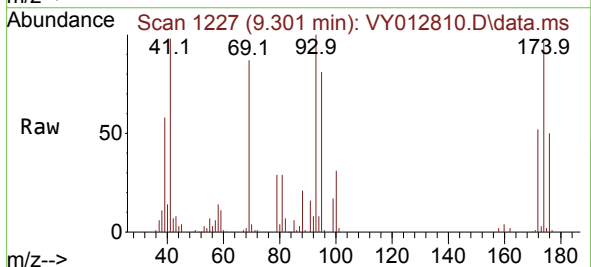
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

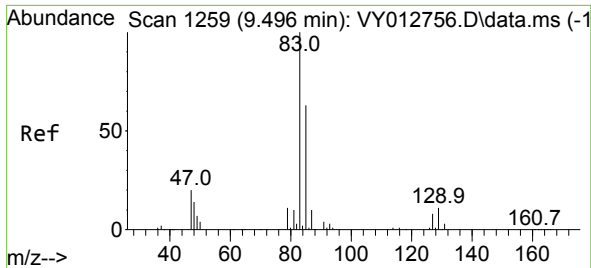
Tgt Ion: 63 Resp: 59879
Ion Ratio Lower Upper
63 100
65 31.6 25.7 38.5



#46
Dibromomethane
Concen: 55.410 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

Tgt Ion: 93 Resp: 35556
Ion Ratio Lower Upper
93 100
95 83.2 65.6 98.4
174 102.0 81.3 121.9

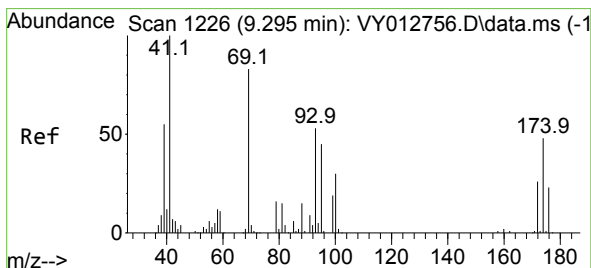
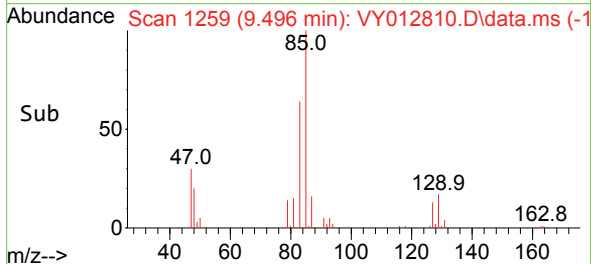
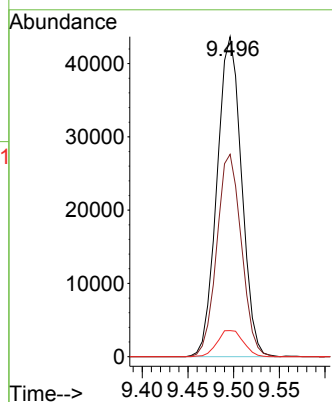
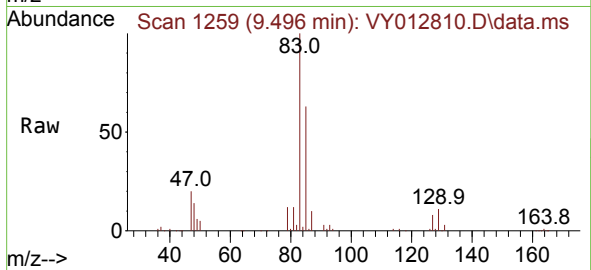




#47
Bromodichloromethane
Concen: 54.064 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

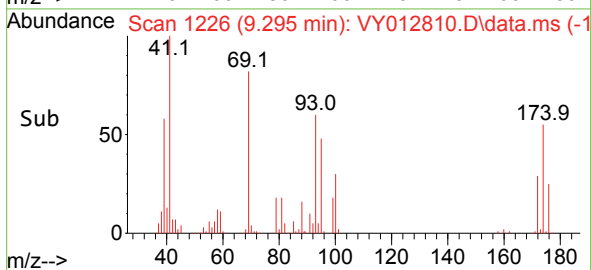
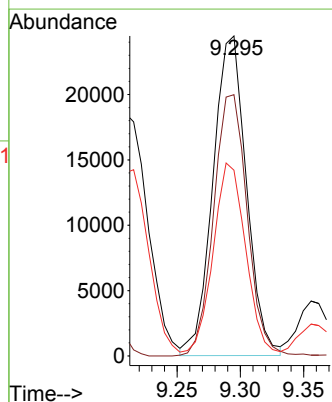
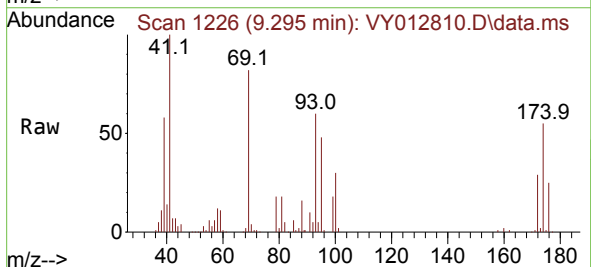
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

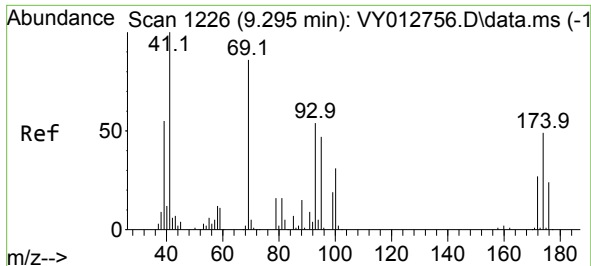
Tgt Ion: 83 Resp: 81753
Ion Ratio Lower Upper
83 100
85 63.3 50.2 75.4
127 8.2 6.3 9.5



#48
Methyl methacrylate
Concen: 55.206 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

Tgt Ion: 41 Resp: 45068
Ion Ratio Lower Upper
41 100
69 82.3 64.1 96.1
39 56.6 44.0 66.0





#49

1,4-Dioxane

Concen: 1190.051 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

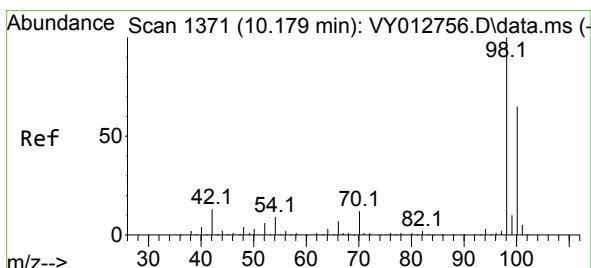
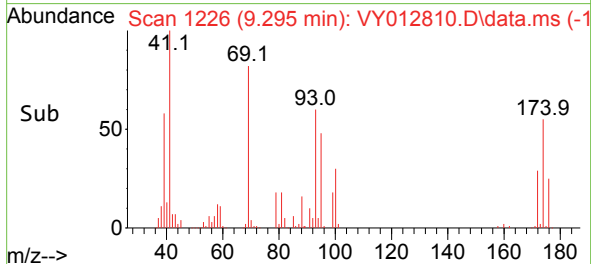
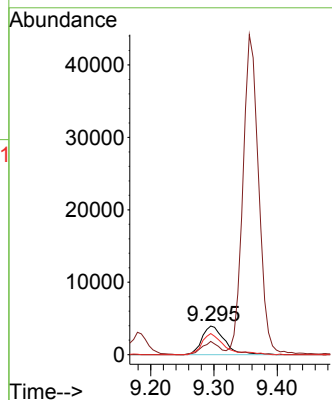
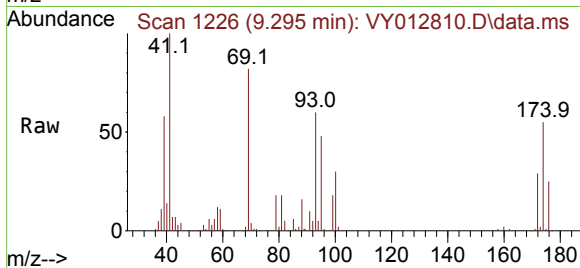
Tgt Ion: 88 Resp: 9872

Ion Ratio Lower Upper

88 100

43 35.2 28.6 42.8

58 72.7 55.2 82.8



#50

Toluene-d8

Concen: 48.021 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012810.D

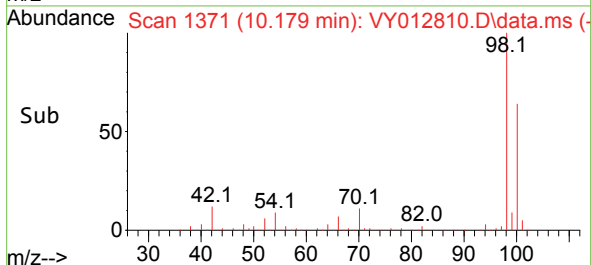
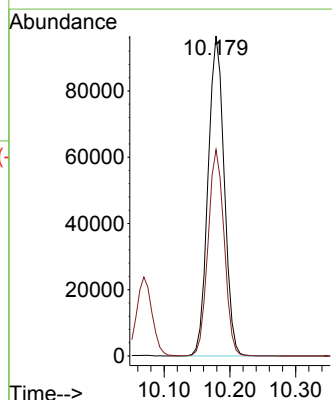
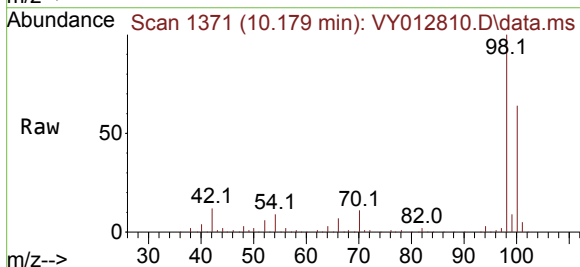
Acq: 03 Mar 2023 20:35

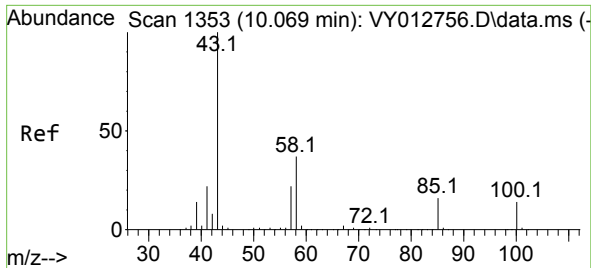
Tgt Ion: 98 Resp: 165055

Ion Ratio Lower Upper

98 100

100 64.4 50.9 76.3

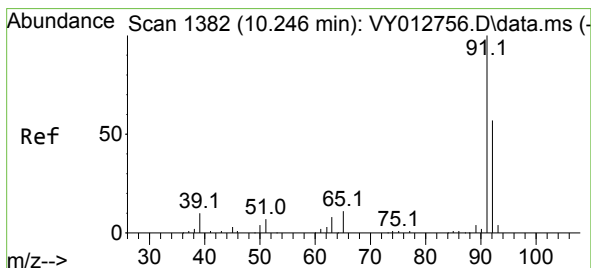
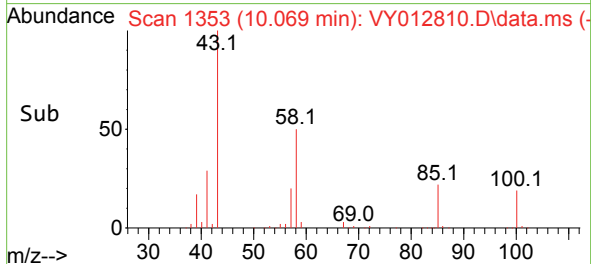
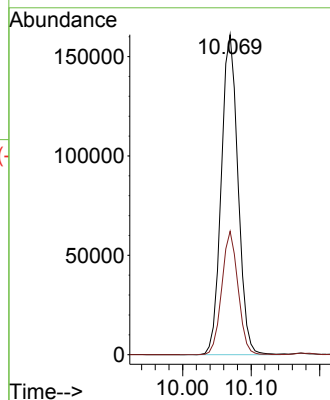
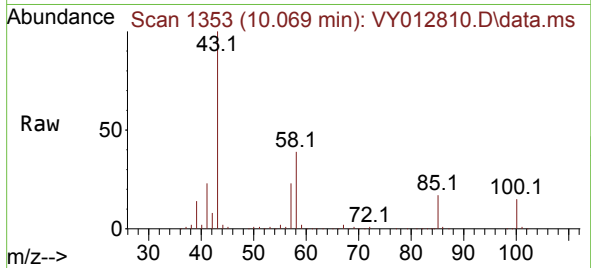




#51
4-Methyl-2-Pentanone
Concen: 283.088 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

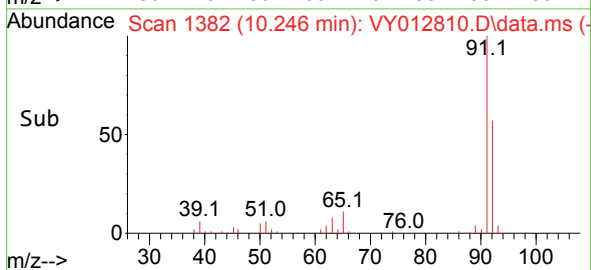
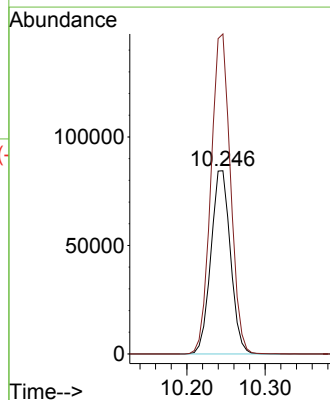
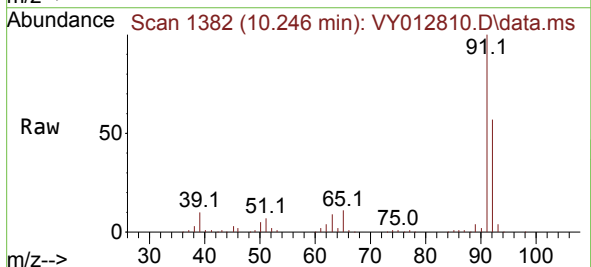
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

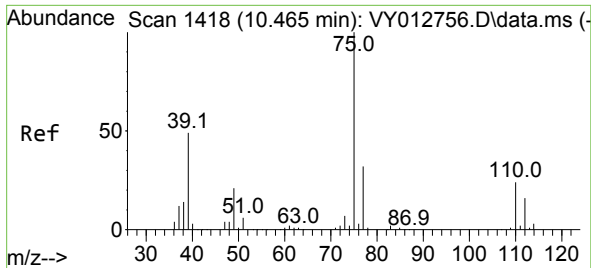
Tgt Ion: 43 Resp: 272062
Ion Ratio Lower Upper
43 100
58 37.5 29.8 44.6



#52
Toluene
Concen: 54.388 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

Tgt Ion: 92 Resp: 146186
Ion Ratio Lower Upper
92 100
91 174.8 141.3 211.9

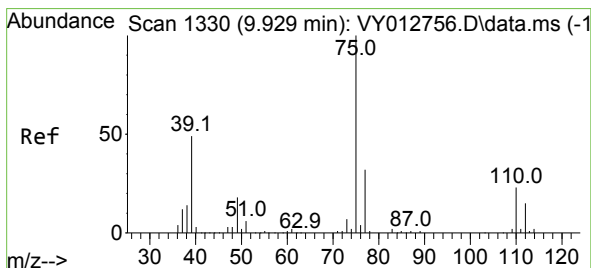
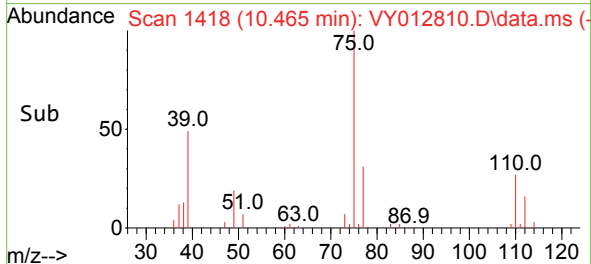
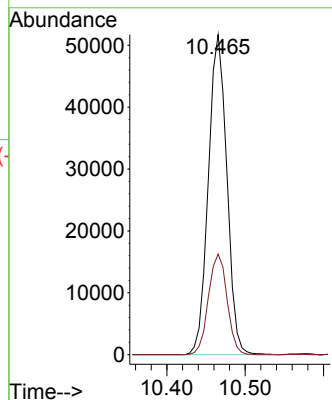
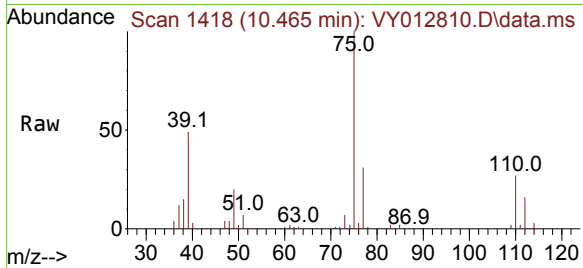




#53
t-1,3-Dichloropropene
Concen: 53.444 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

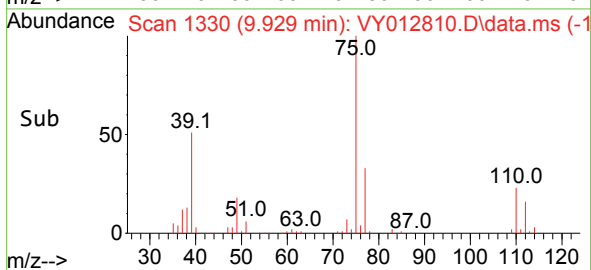
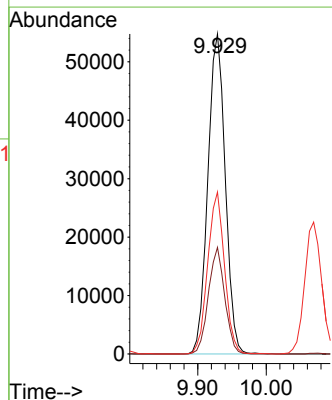
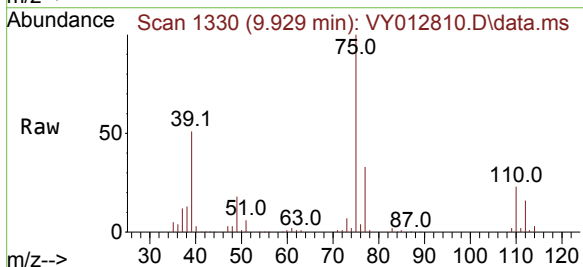
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

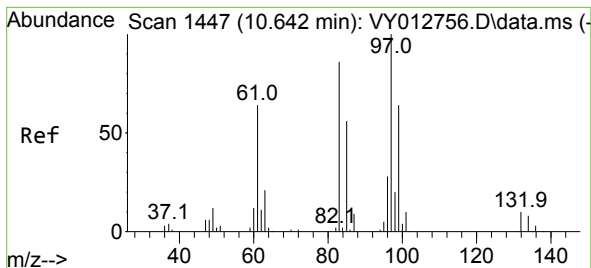
Tgt Ion: 75 Resp: 84769
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 53.853 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

Tgt Ion: 75 Resp: 96680
Ion Ratio Lower Upper
75 100
77 33.3 25.4 38.0
39 50.6 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 54.607 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 48800

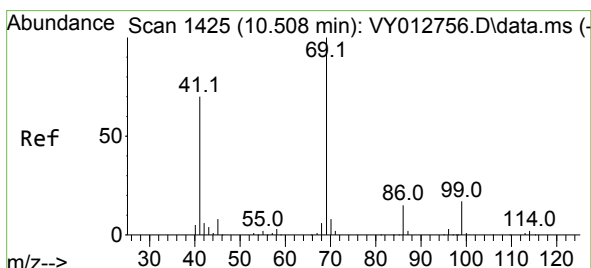
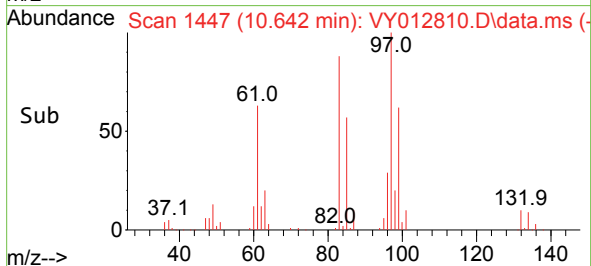
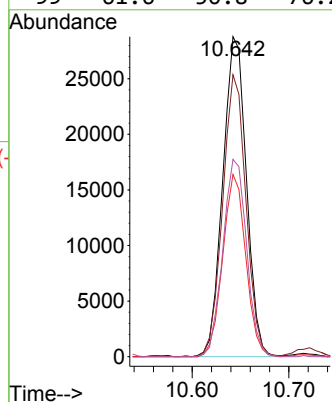
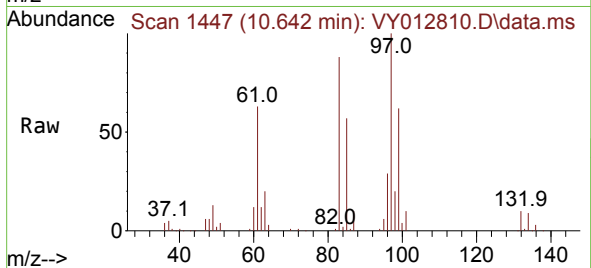
Ion Ratio Lower Upper

97 100

83 88.1 69.0 103.6

85 56.9 44.9 67.3

99 61.6 50.8 76.2



#56

Ethyl methacrylate

Concen: 57.118 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

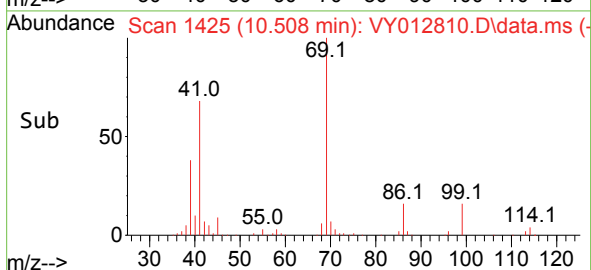
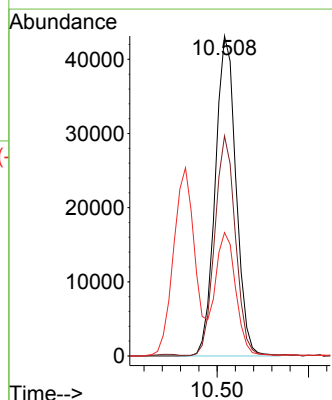
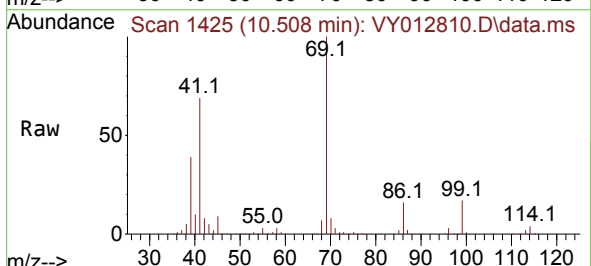
Tgt Ion: 69 Resp: 68061

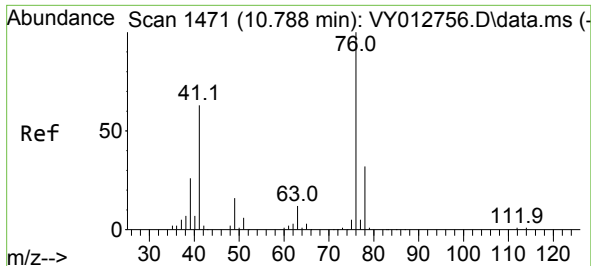
Ion Ratio Lower Upper

69 100

41 68.1 56.4 84.6

39 36.7 30.8 46.2





#57

1,3-Dichloropropane

Concen: 54.488 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

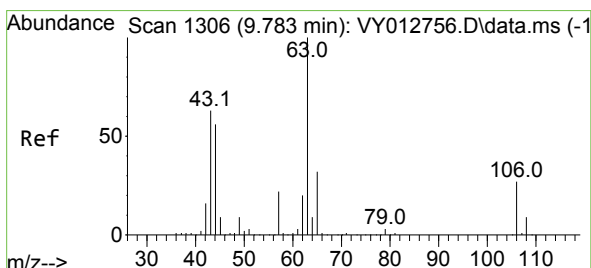
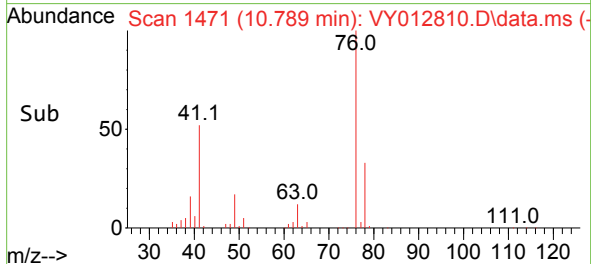
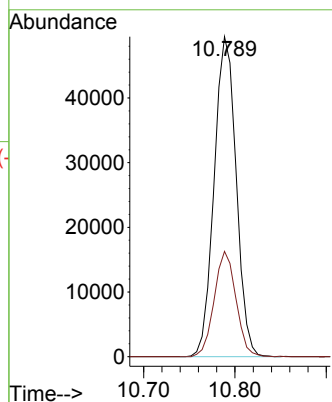
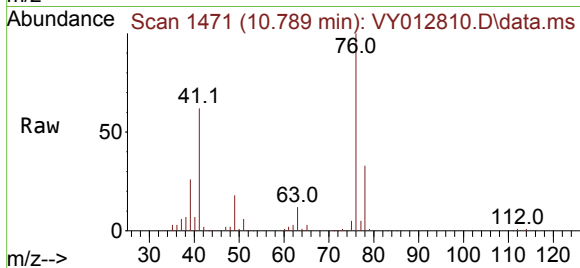
VSTDCCC050EC

Tgt Ion: 76 Resp: 82936

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 260.374 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012810.D

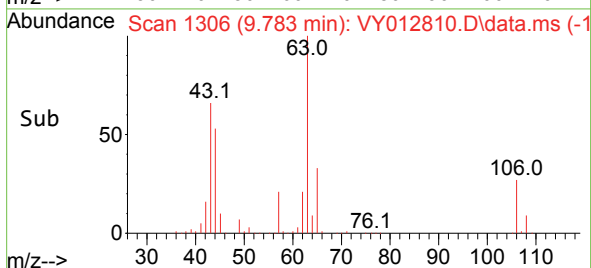
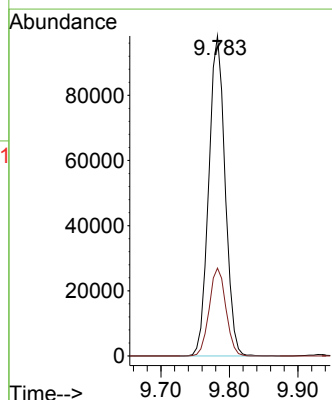
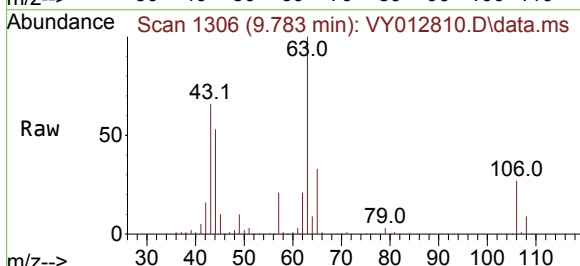
Acq: 03 Mar 2023 20:35

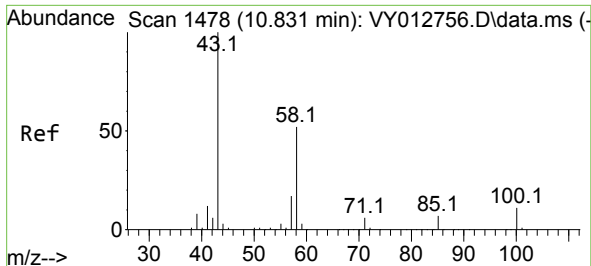
Tgt Ion: 63 Resp: 162872

Ion Ratio Lower Upper

63 100

106 27.9 22.1 33.1

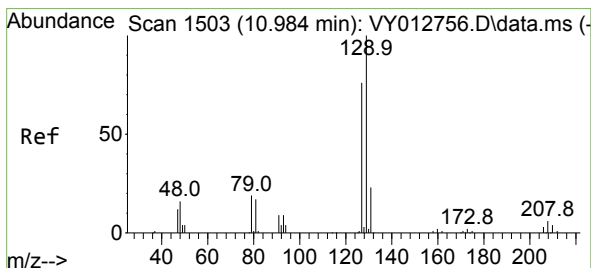
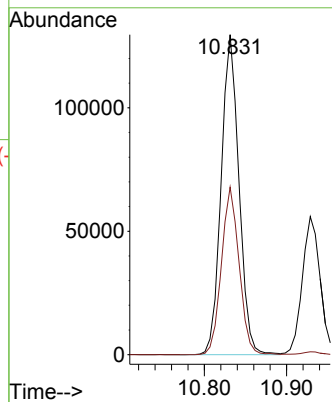
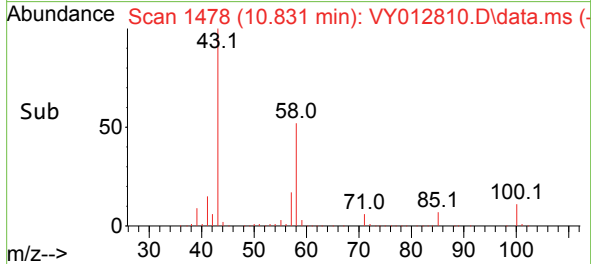
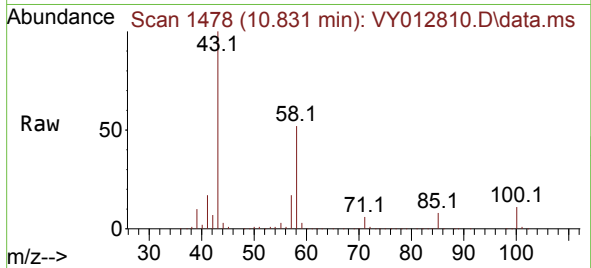




#59
2-Hexanone
Concen: 278.550 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

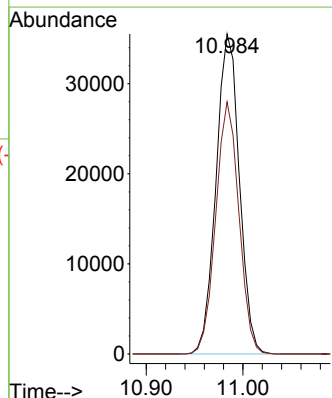
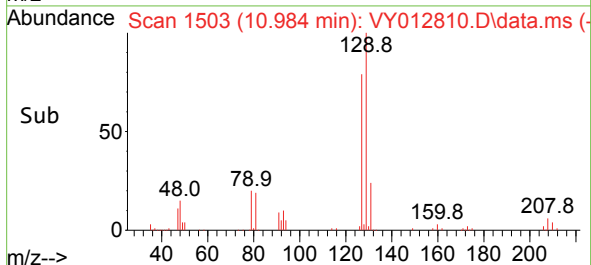
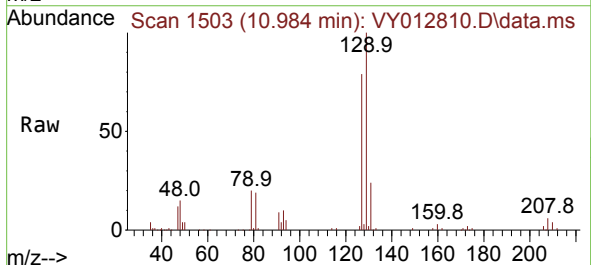
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

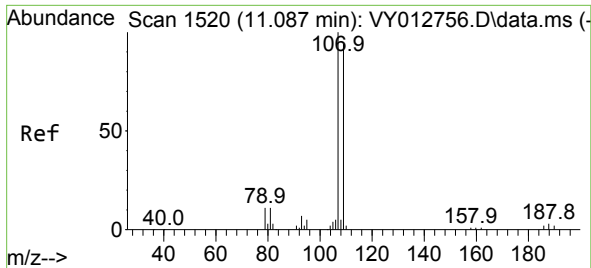
Tgt Ion: 43 Resp: 194560
Ion Ratio Lower Upper
43 100
58 52.1 25.9 77.8



#60
Dibromochloromethane
Concen: 54.609 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

Tgt Ion: 129 Resp: 59405
Ion Ratio Lower Upper
129 100
127 78.1 38.7 116.1

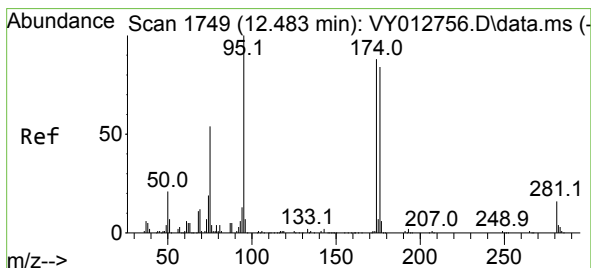
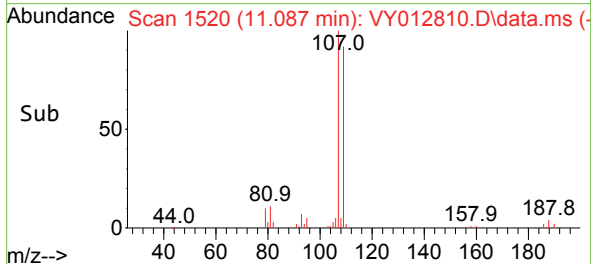
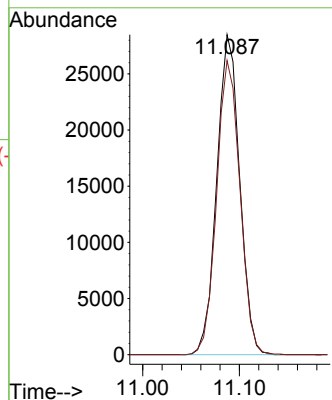
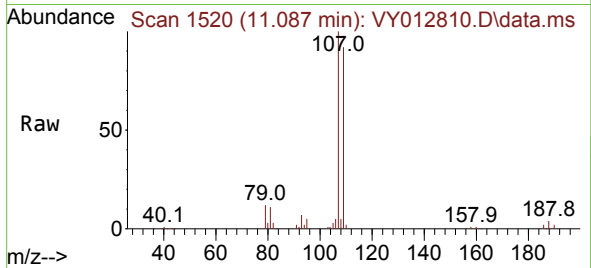




#61
1,2-Dibromoethane
Concen: 54.369 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

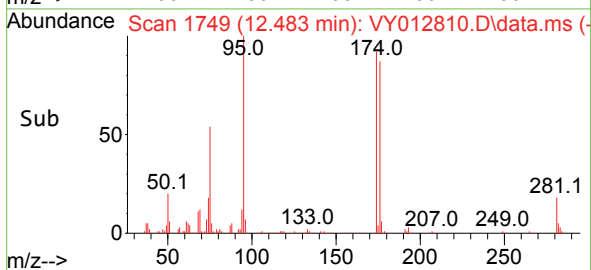
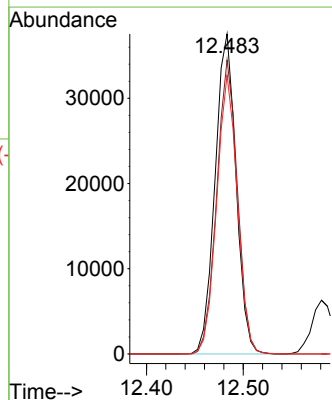
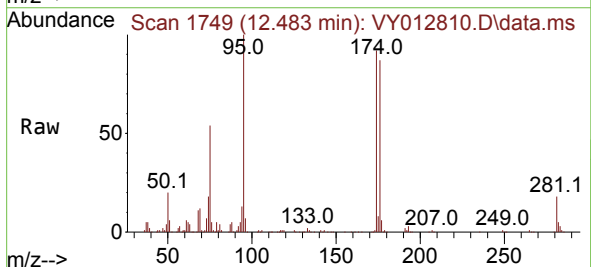
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

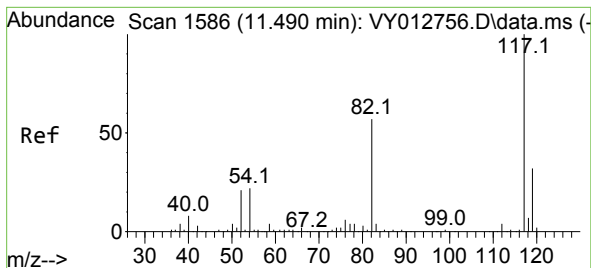
Tgt Ion:107 Resp: 46803
Ion Ratio Lower Upper
107 100
109 93.6 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 48.718 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

Tgt Ion: 95 Resp: 56519
Ion Ratio Lower Upper
95 100
174 90.9 0.0 176.6
176 85.9 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

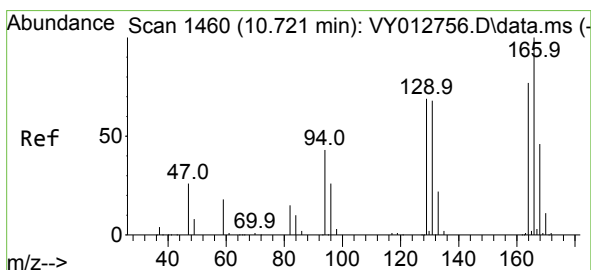
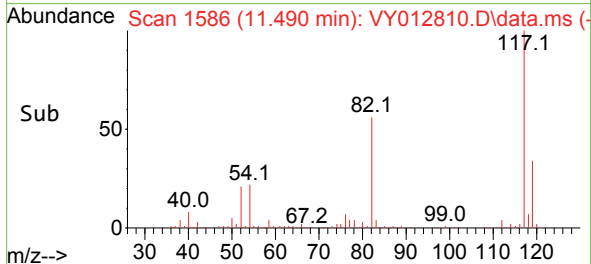
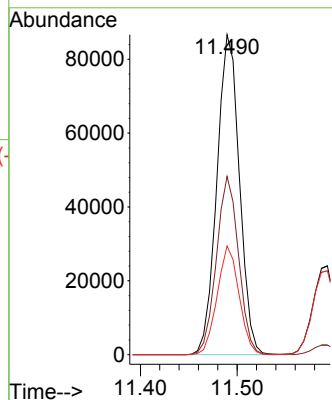
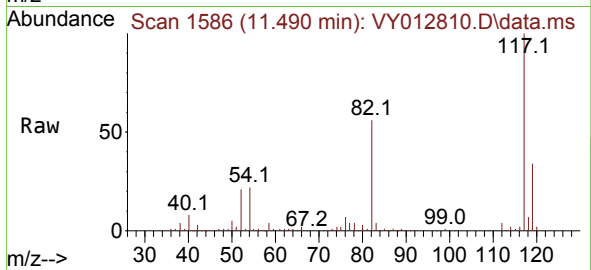
Tgt Ion:117 Resp: 140198

Ion Ratio Lower Upper

117 100

82 55.7 45.4 68.0

119 33.9 25.6 38.4



#64

Tetrachloroethene

Concen: 52.483 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

Tgt Ion:164 Resp: 53572

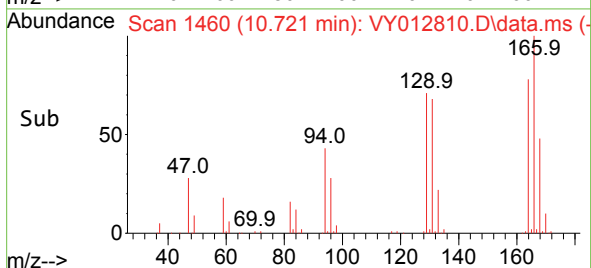
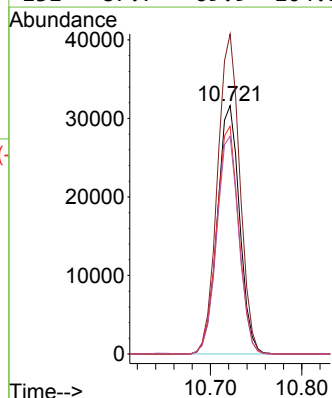
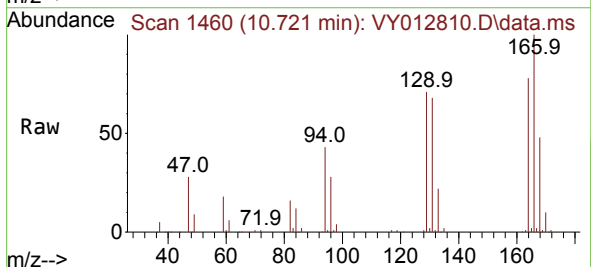
Ion Ratio Lower Upper

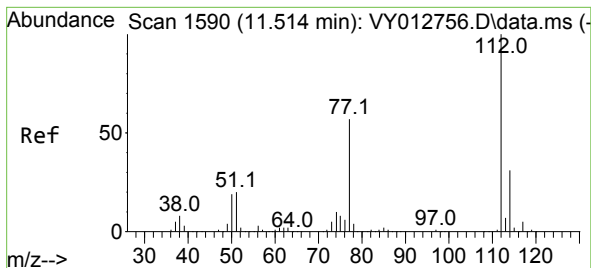
164 100

166 128.9 103.4 155.2

129 91.7 71.4 107.2

131 87.7 69.9 104.9

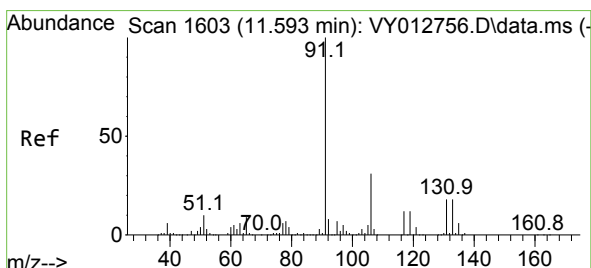
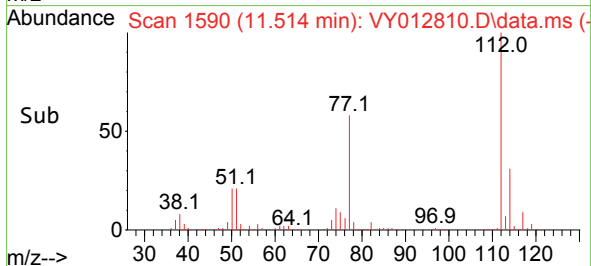
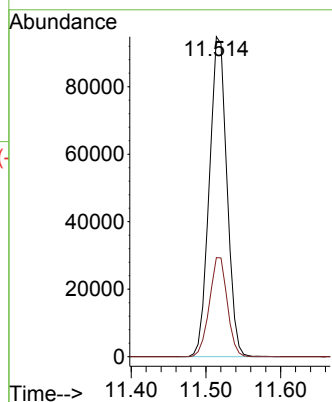
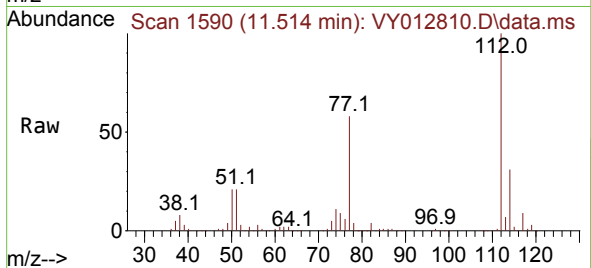




#65
Chlorobenzene
Concen: 52.678 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

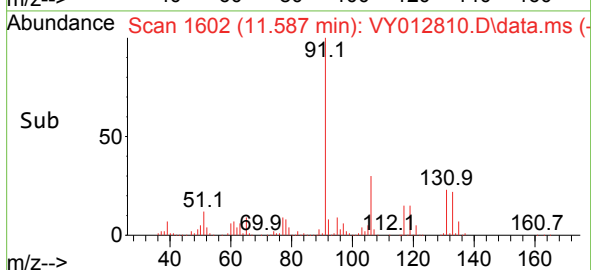
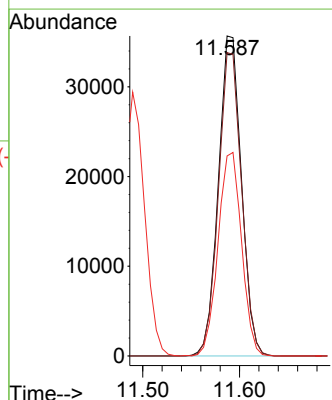
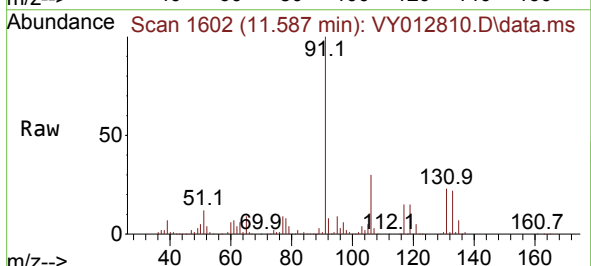
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

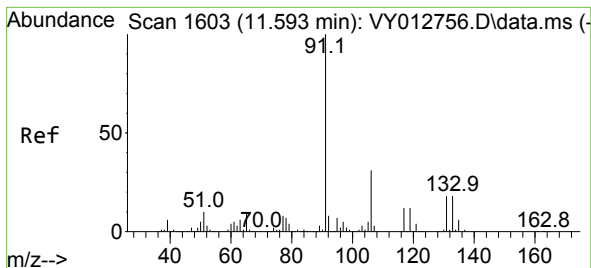
Tgt Ion:112 Resp: 155001
Ion Ratio Lower Upper
112 100
114 31.0 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 54.063 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

Tgt Ion:131 Resp: 58863
Ion Ratio Lower Upper
131 100
133 95.6 48.0 144.0
119 65.1 32.6 98.0





#67

Ethyl Benzene

Concen: 53.072 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

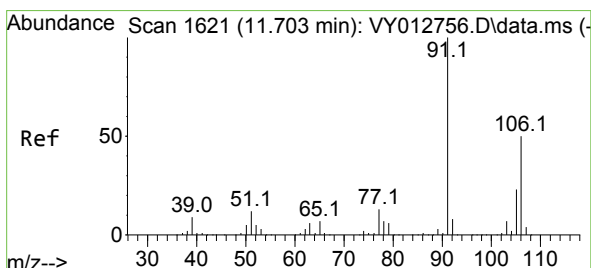
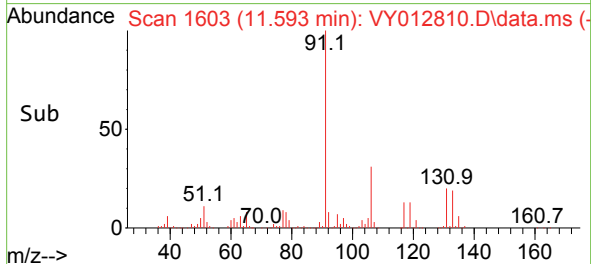
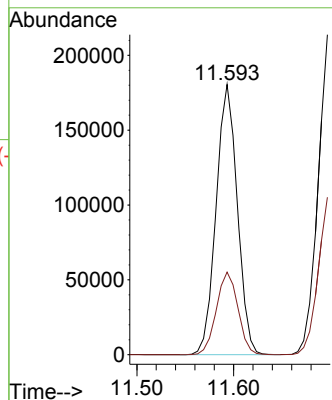
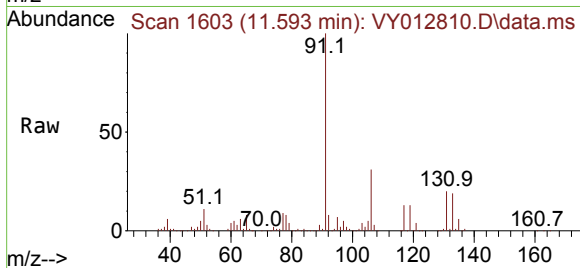
VSTDCCC050EC

Tgt Ion: 91 Resp: 274555

Ion Ratio Lower Upper

91 100

106 30.6 25.1 37.7



#68

m/p-Xylenes

Concen: 106.987 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY012810.D

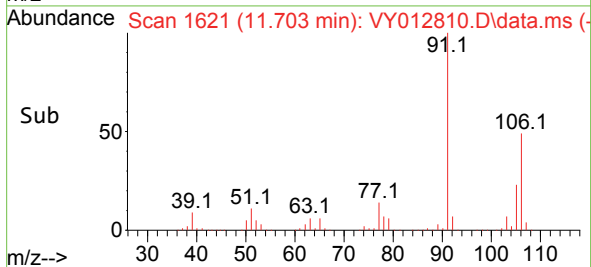
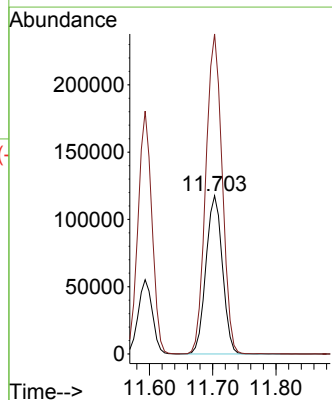
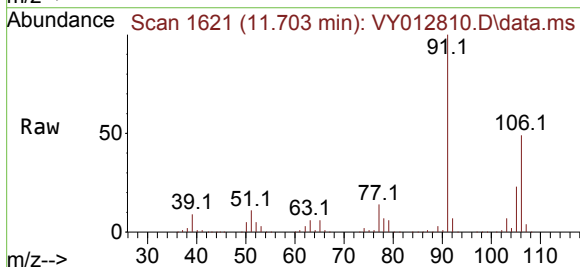
Acq: 03 Mar 2023 20:35

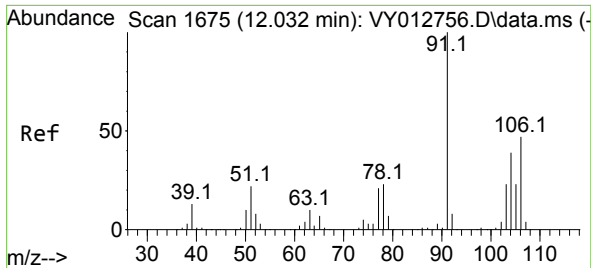
Tgt Ion:106 Resp: 212916

Ion Ratio Lower Upper

106 100

91 201.2 159.8 239.8

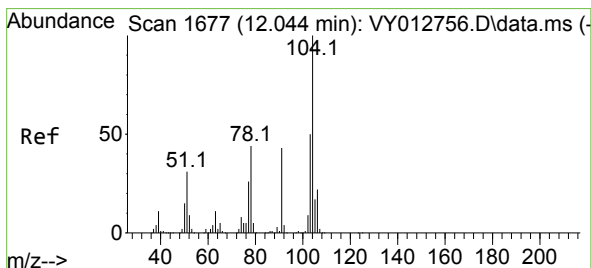
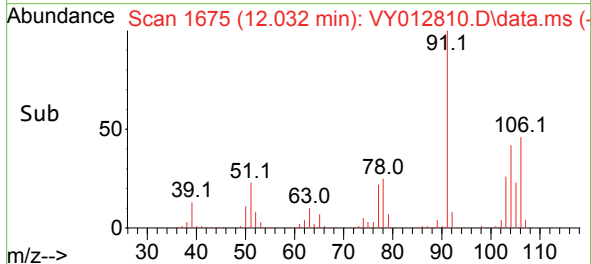
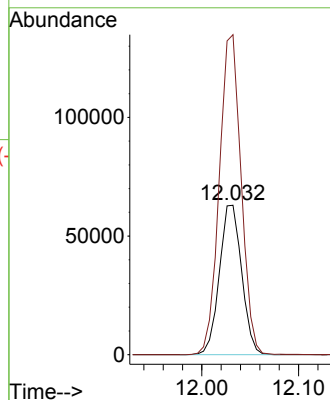
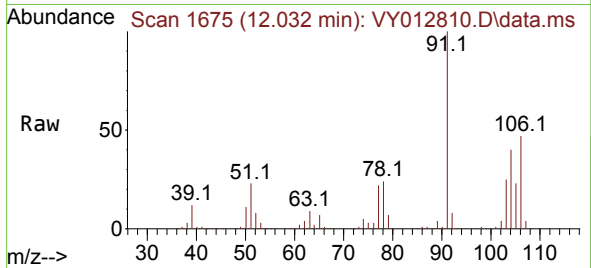




#69
o-Xylene
Concen: 54.079 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

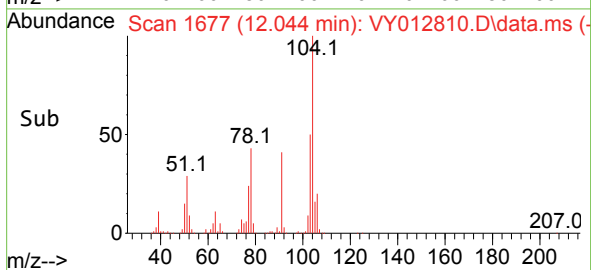
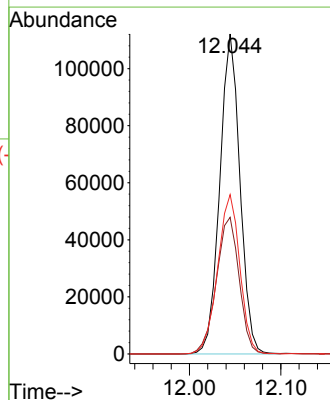
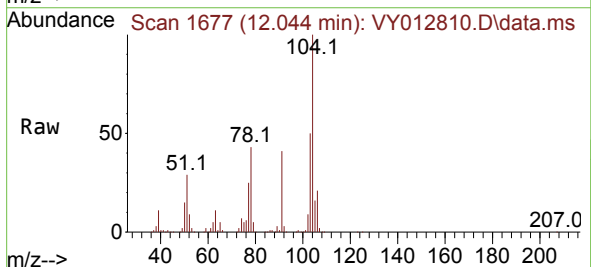
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

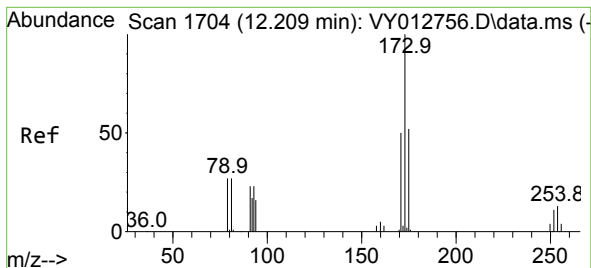
Tgt Ion:106 Resp: 100444
Ion Ratio Lower Upper
106 100
91 210.4 107.2 321.6



#70
Styrene
Concen: 55.504 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

Tgt Ion:104 Resp: 172034
Ion Ratio Lower Upper
104 100
78 48.3 39.2 58.8
103 54.8 43.7 65.5





#71

Bromoform

Concen: 56.218 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

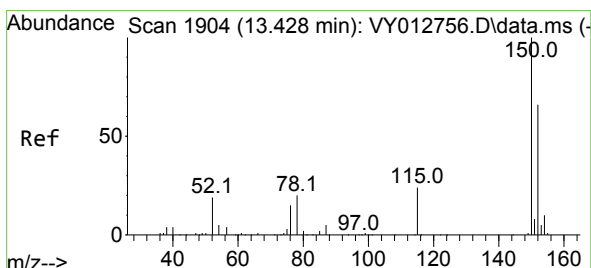
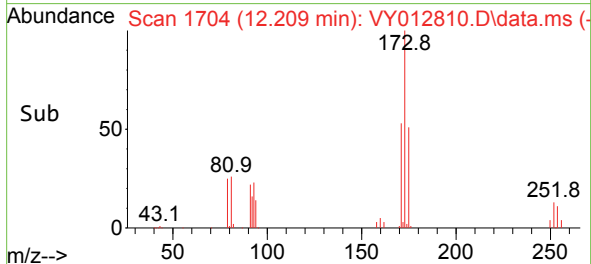
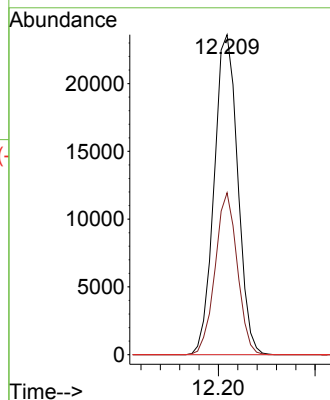
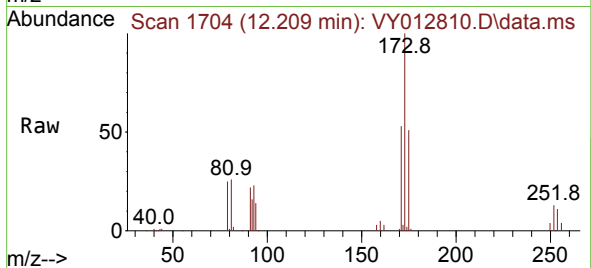
Tgt Ion:173 Resp: 39909

Ion Ratio Lower Upper

173 100

175 47.6 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: VY012810.D

Acq: 03 Mar 2023 20:35

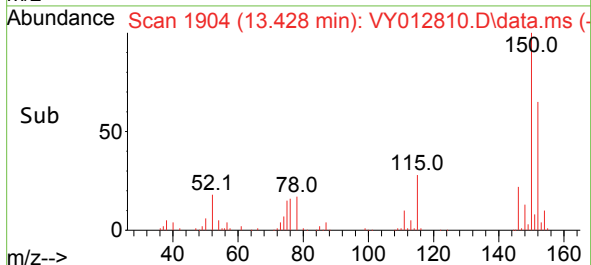
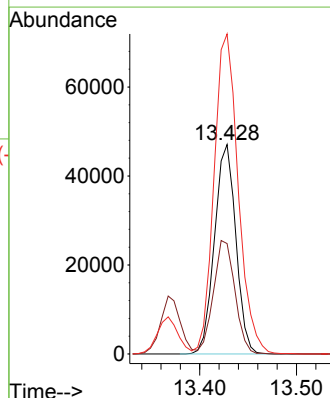
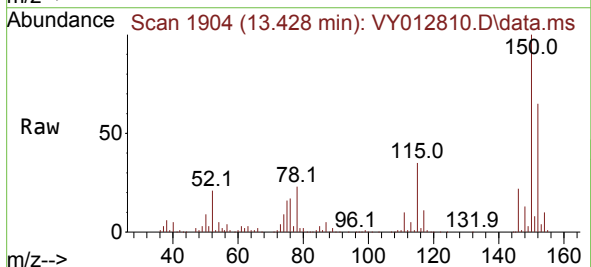
Tgt Ion:152 Resp: 72069

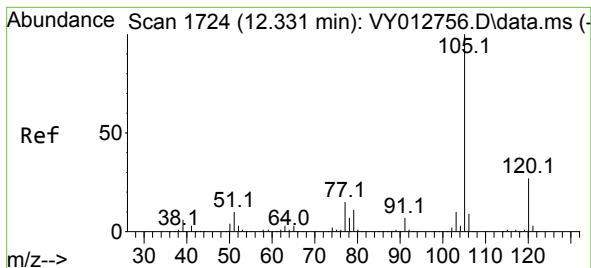
Ion Ratio Lower Upper

152 100

115 54.6 27.1 81.3

150 173.0 0.0 347.8





#73

Isopropylbenzene

Concen: 51.968 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

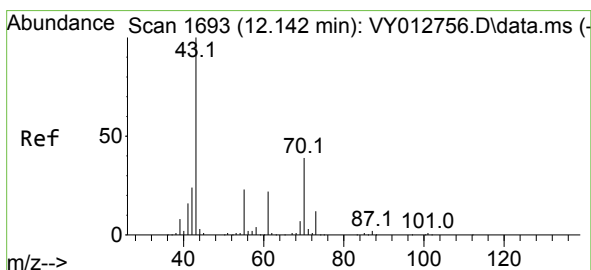
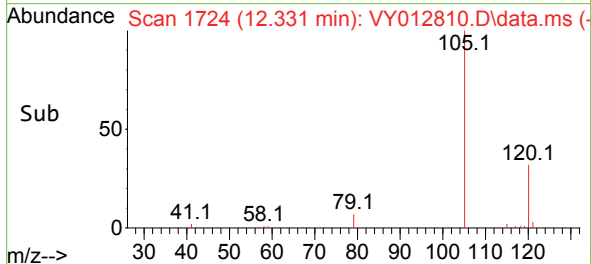
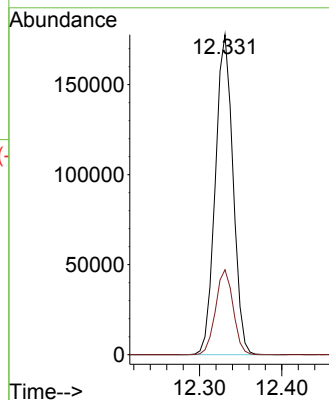
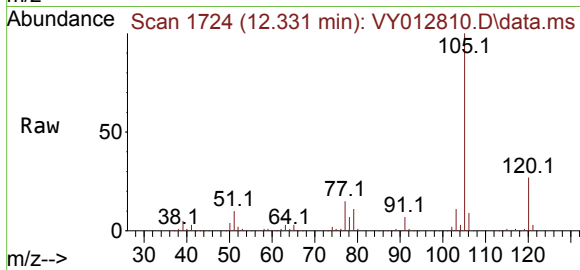
VSTDCCC050EC

Tgt Ion:105 Resp: 265431

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.2



#74

N-ethyl acetate

Concen: 51.617 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

Tgt Ion: 43 Resp: 82950

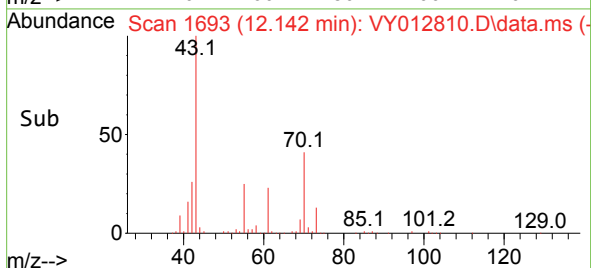
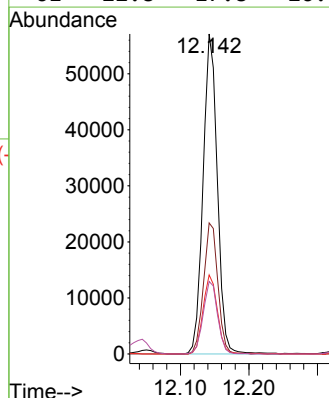
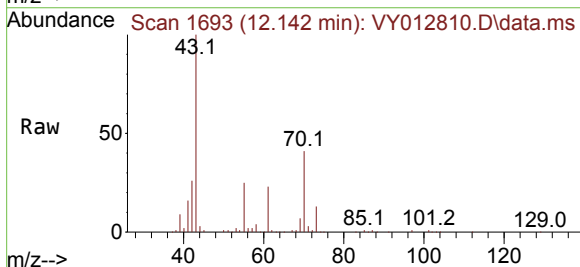
Ion Ratio Lower Upper

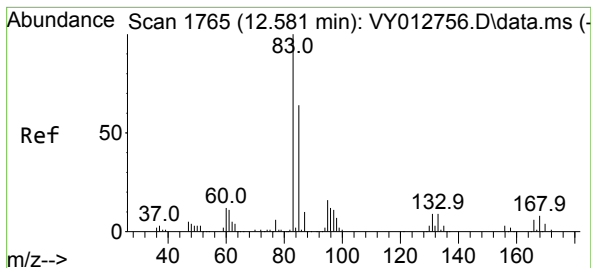
43 100

70 41.0 31.6 47.4

55 24.8 18.8 28.2

61 22.8 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 54.285 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

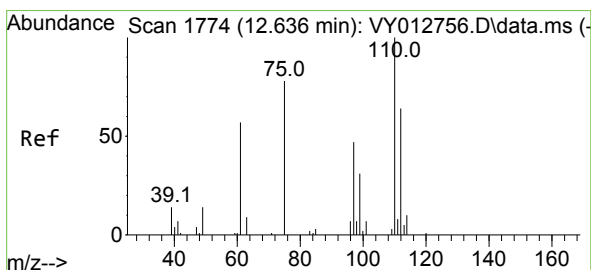
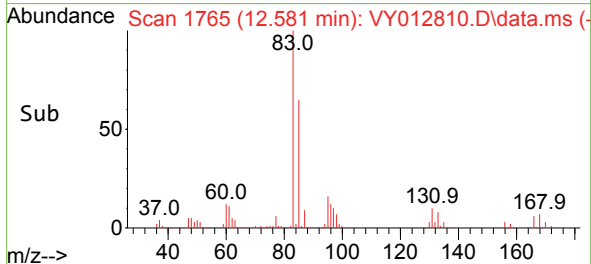
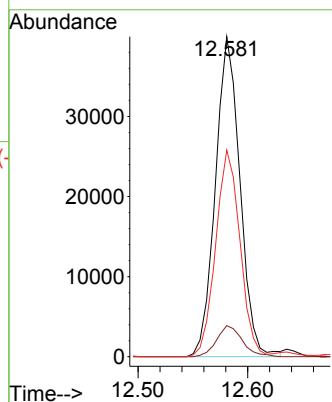
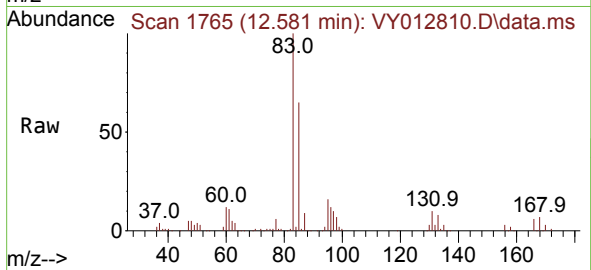
Tgt Ion: 83 Resp: 62327

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

85 63.8 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 90.452 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY012810.D

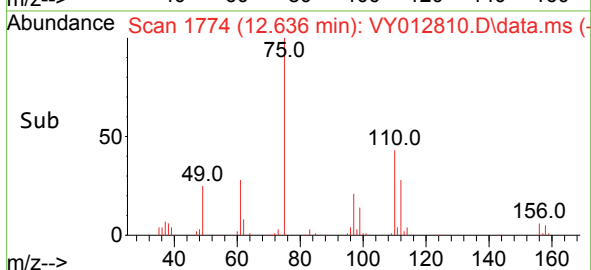
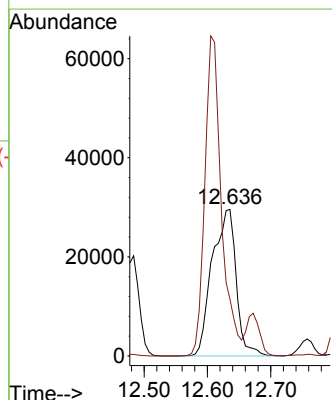
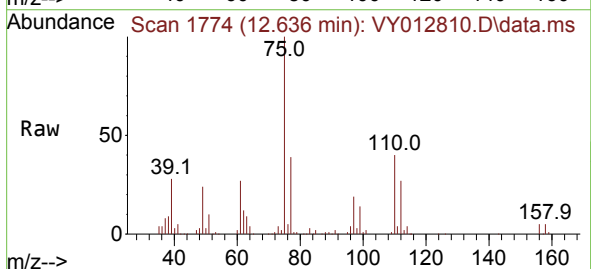
Acq: 03 Mar 2023 20:35

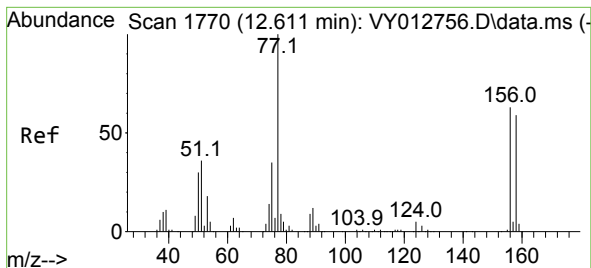
Tgt Ion: 75 Resp: 77845

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.606 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

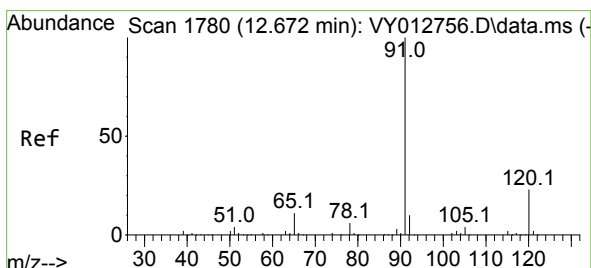
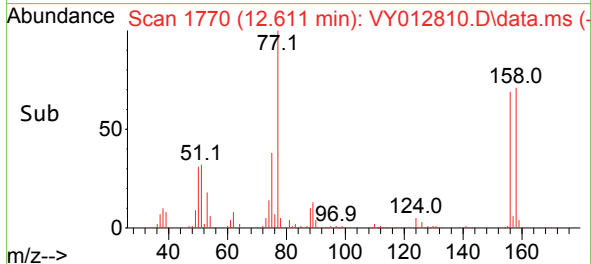
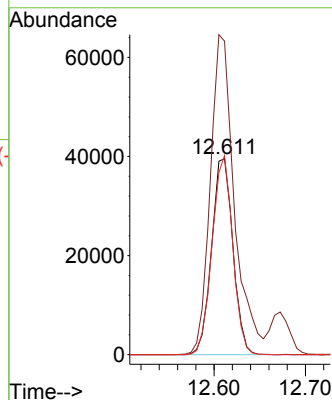
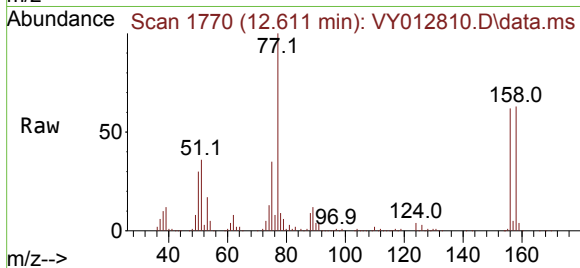
Tgt Ion:156 Resp: 64032

Ion Ratio Lower Upper

156 100

77 184.5 94.0 282.1

158 98.0 48.1 144.4



#78

n-propylbenzene

Concen: 51.988 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012810.D

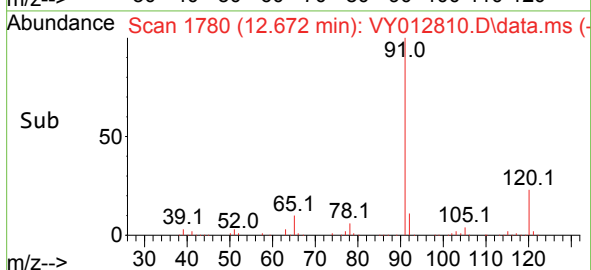
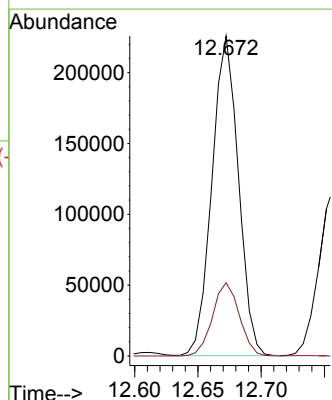
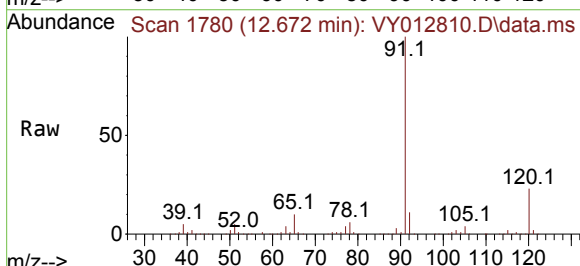
Acq: 03 Mar 2023 20:35

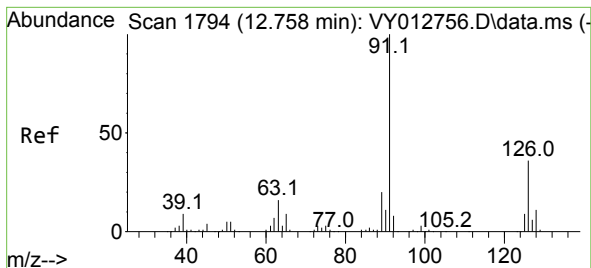
Tgt Ion: 91 Resp: 327374

Ion Ratio Lower Upper

91 100

120 23.1 11.6 34.8





#79

2-Chlorotoluene

Concen: 51.699 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

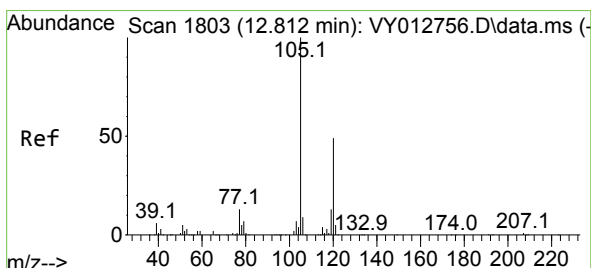
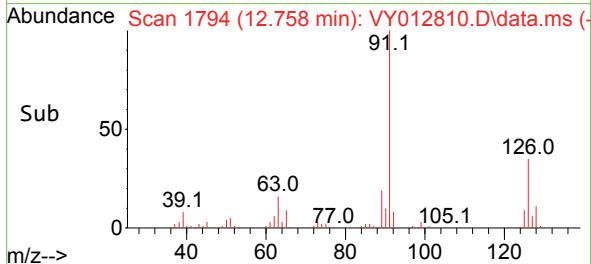
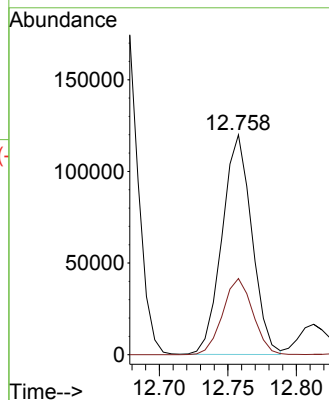
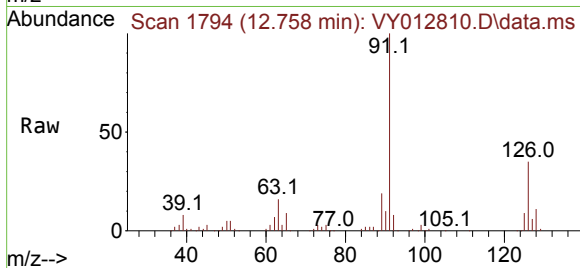
VSTDCCC050EC

Tgt Ion: 91 Resp: 180937

Ion Ratio Lower Upper

91 100

126 35.2 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 51.880 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY012810.D

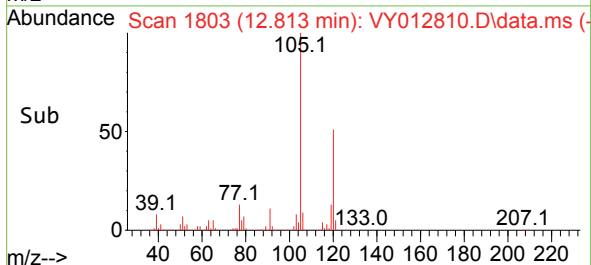
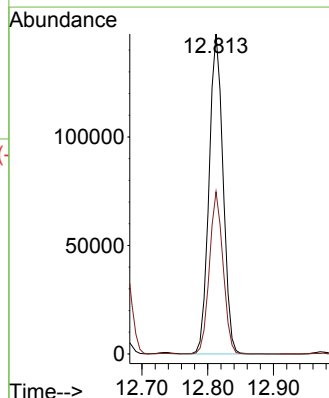
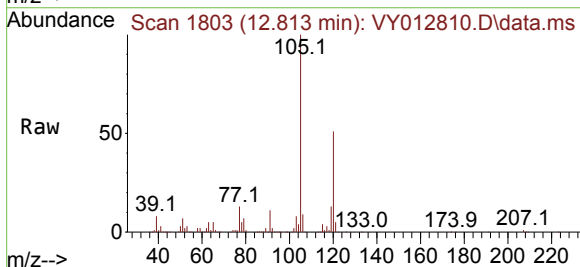
Acq: 03 Mar 2023 20:35

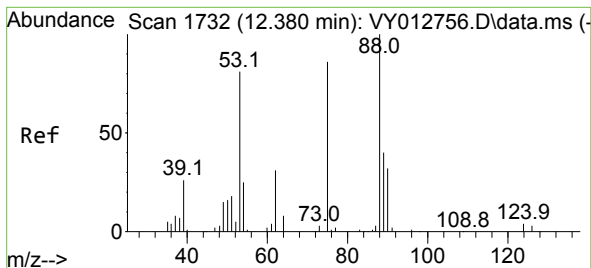
Tgt Ion:105 Resp: 218678

Ion Ratio Lower Upper

105 100

120 49.2 24.8 74.4

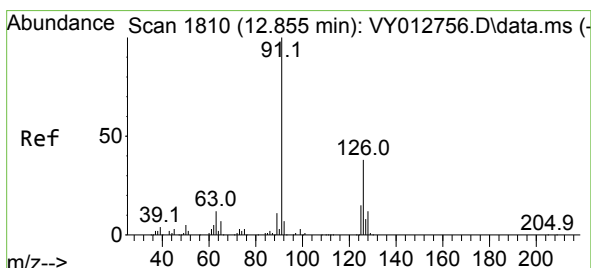
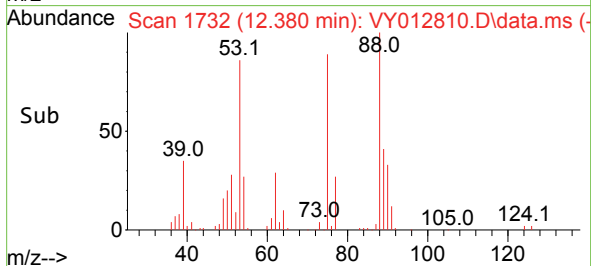
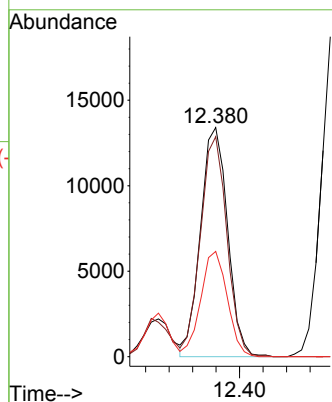
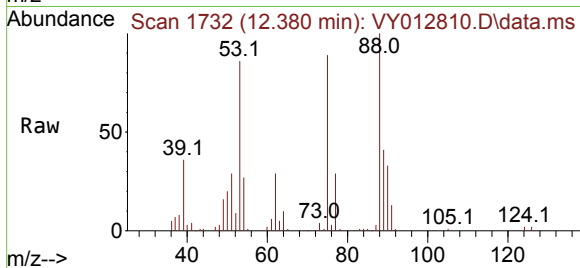




#81
trans-1,4-Dichloro-2-butene
Concen: 51.780 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

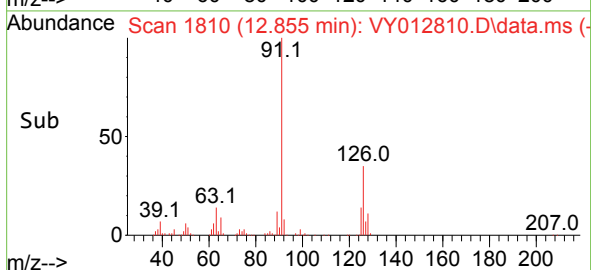
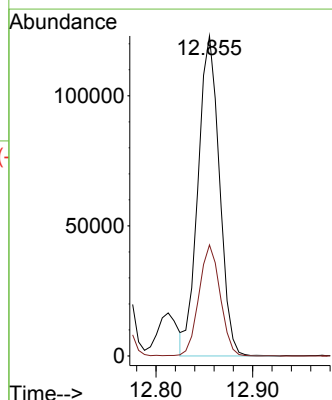
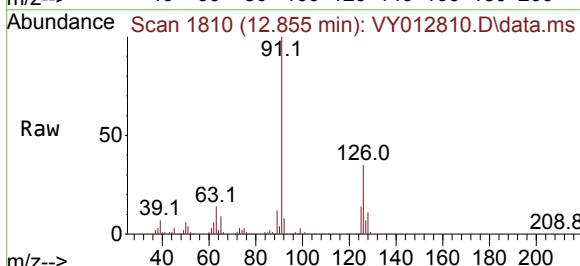
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

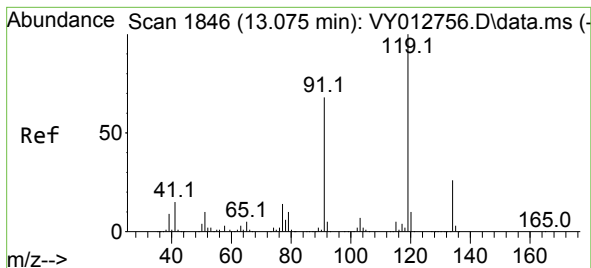
Tgt Ion: 75 Resp: 21507
Ion Ratio Lower Upper
75 100
53 93.7 73.4 110.0
89 45.0 36.6 55.0



#82
4-Chlorotoluene
Concen: 52.209 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012810.D
Acq: 03 Mar 2023 20:35

Tgt Ion: 91 Resp: 189144
Ion Ratio Lower Upper
91 100
126 34.5 17.7 53.1





#83

tert-Butylbenzene

Concen: 52.548 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

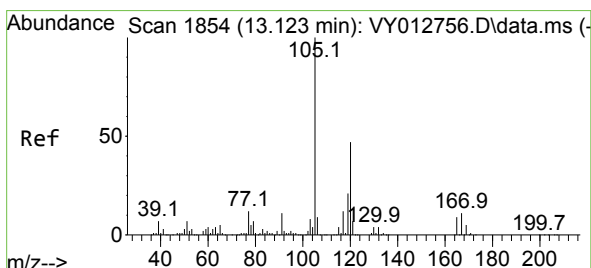
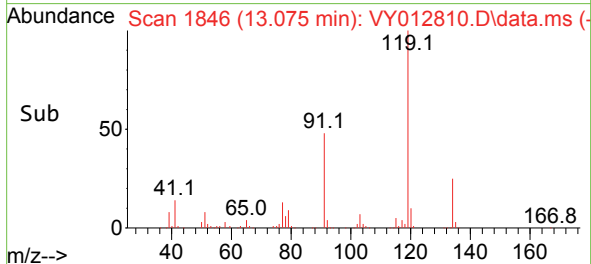
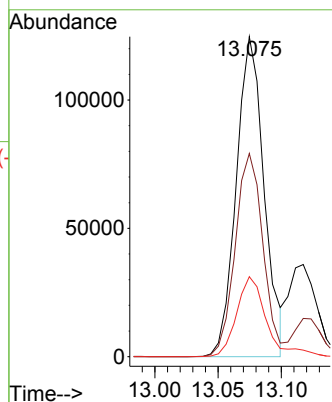
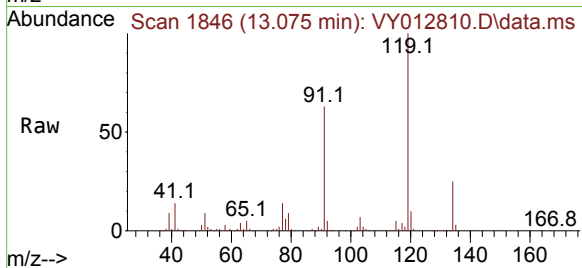
Tgt Ion:119 Resp: 191176

Ion Ratio Lower Upper

119 100

91 63.1 32.8 98.3

134 26.8 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 52.123 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY012810.D

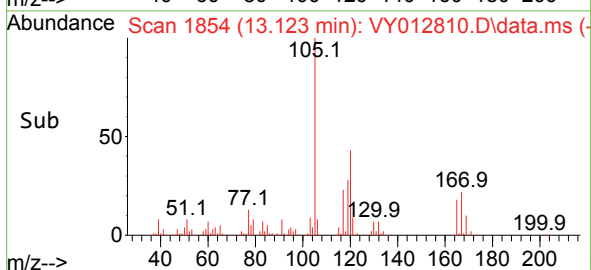
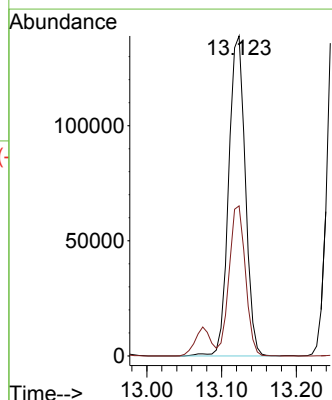
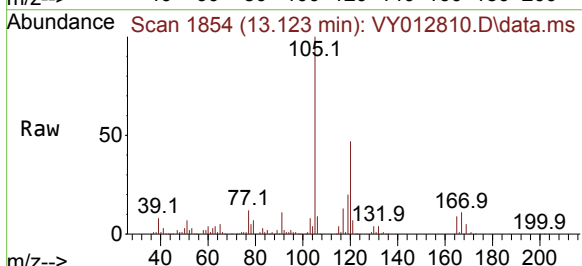
Acq: 03 Mar 2023 20:35

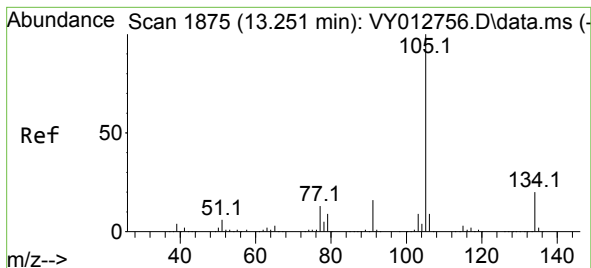
Tgt Ion:105 Resp: 214839

Ion Ratio Lower Upper

105 100

120 46.1 23.0 69.0





#85

sec-Butylbenzene

Concen: 51.484 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

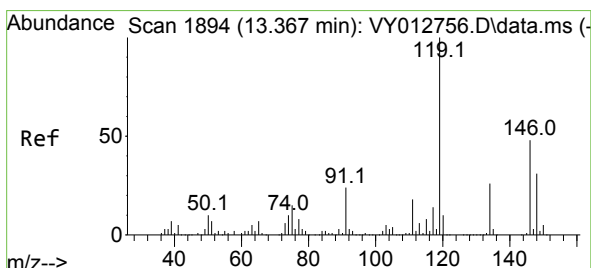
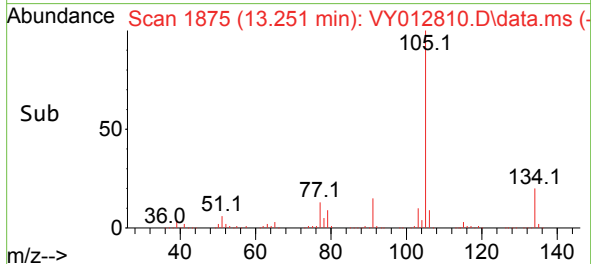
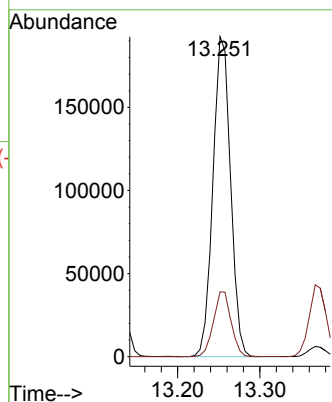
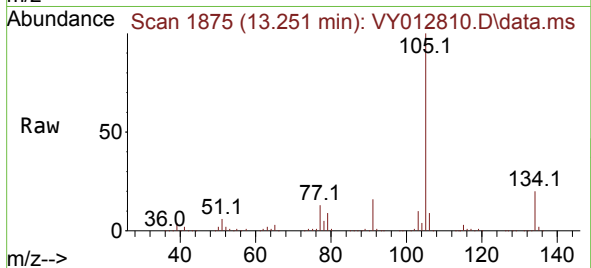
VSTDCCC050EC

Tgt Ion:105 Resp: 285747

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.1



#86

p-Isopropyltoluene

Concen: 51.553 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

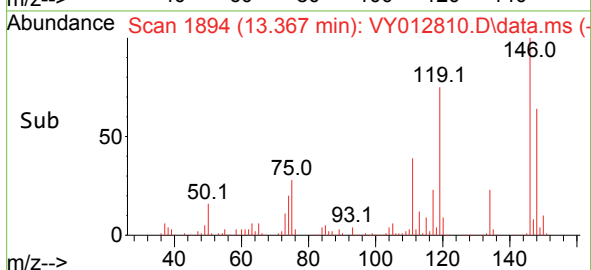
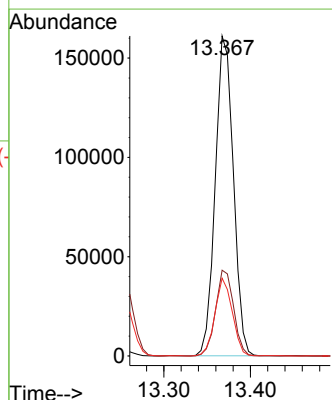
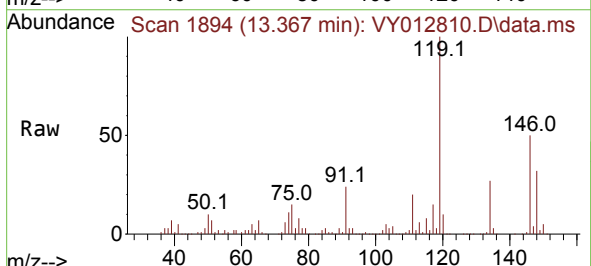
Tgt Ion:119 Resp: 233853

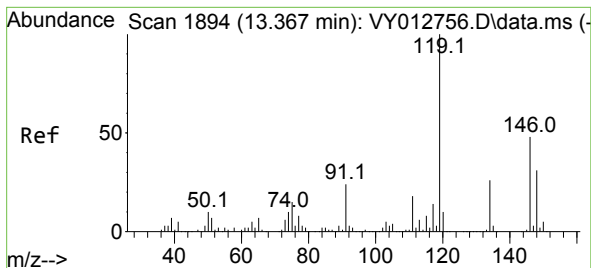
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.6

91 23.4 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 51.636 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

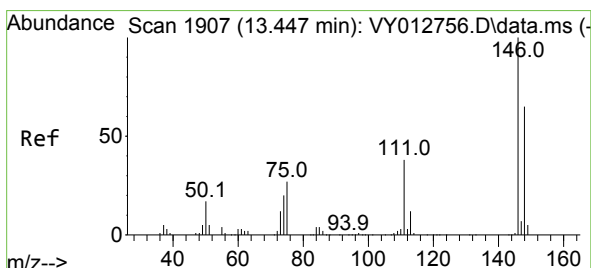
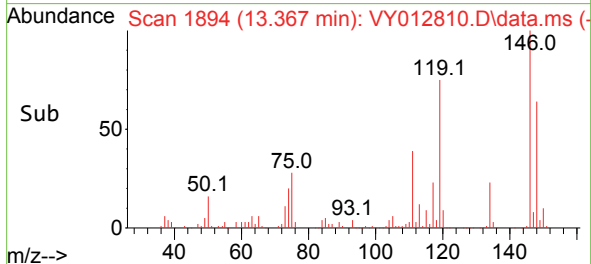
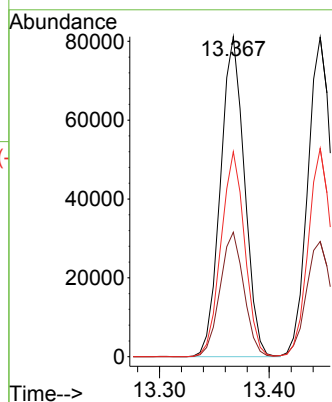
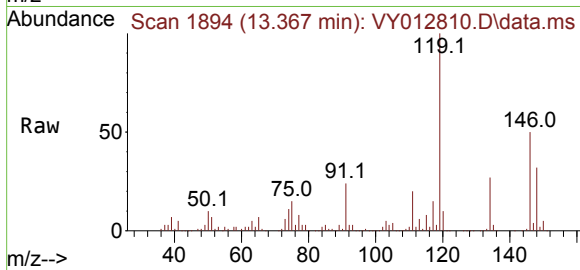
Tgt Ion:146 Resp: 123569

Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.5

148 63.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 50.483 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

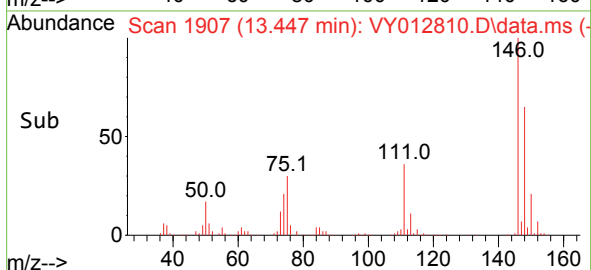
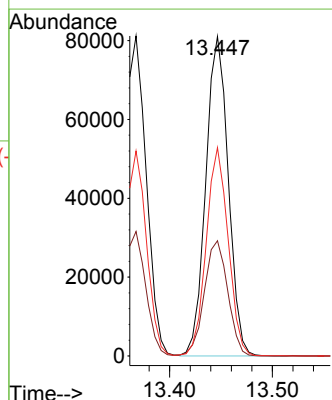
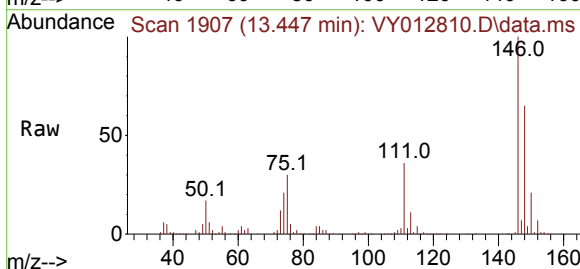
Tgt Ion:146 Resp: 123299

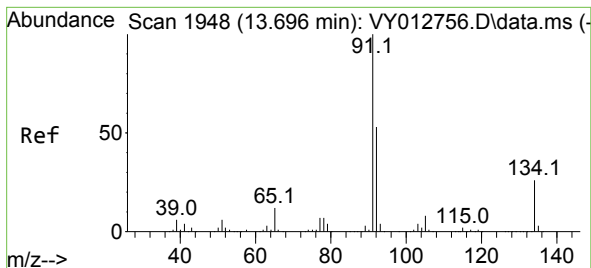
Ion Ratio Lower Upper

146 100

111 37.7 18.6 55.8

148 63.8 31.5 94.5





#89

n-Butylbenzene

Concen: 49.922 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

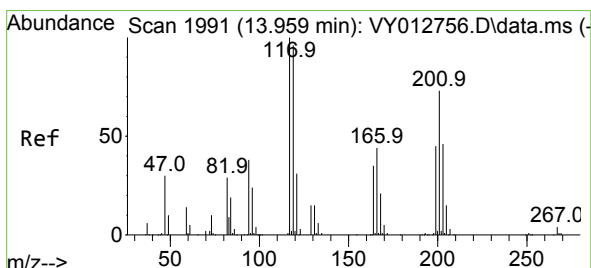
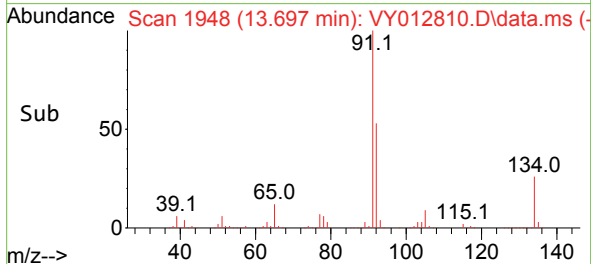
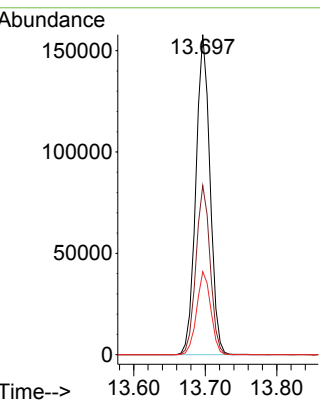
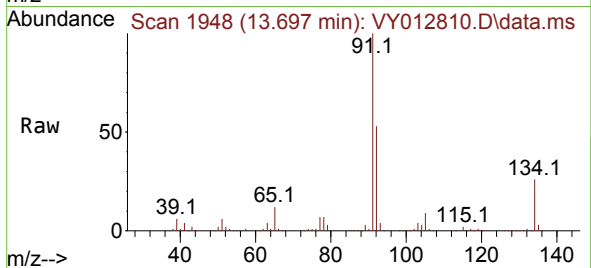
Tgt Ion: 91 Resp: 216786

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.0

134 25.9 13.0 38.9



#90

Hexachloroethane

Concen: 49.356 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY012810.D

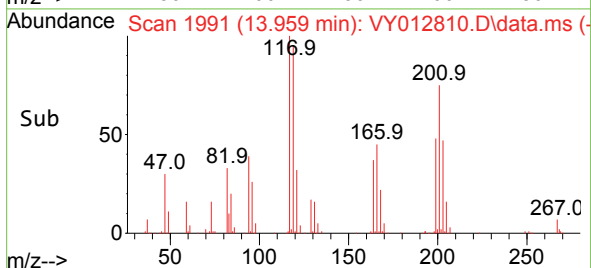
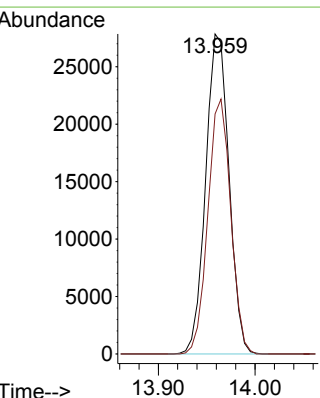
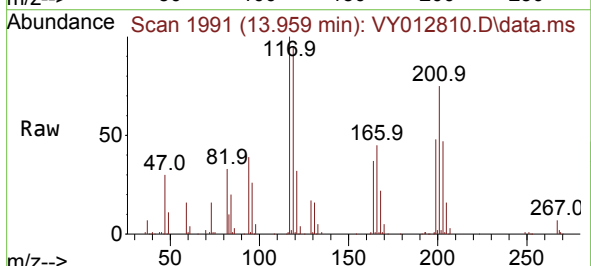
Acq: 03 Mar 2023 20:35

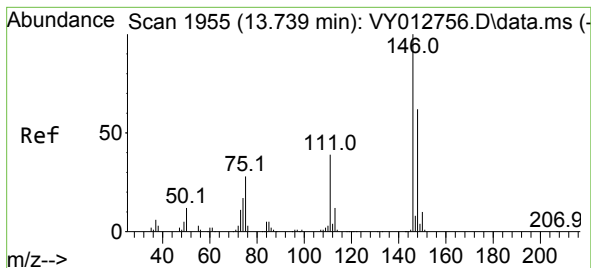
Tgt Ion: 117 Resp: 46630

Ion Ratio Lower Upper

117 100

201 77.8 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 51.301 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

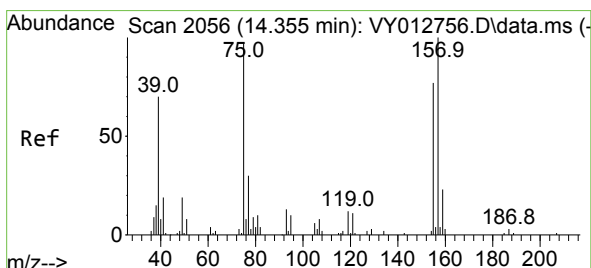
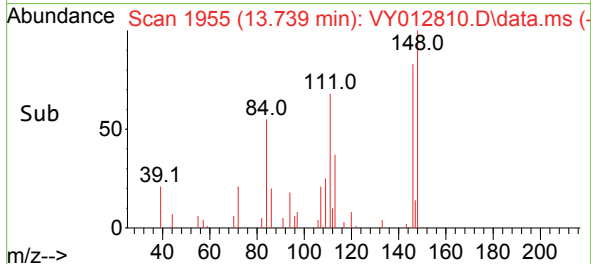
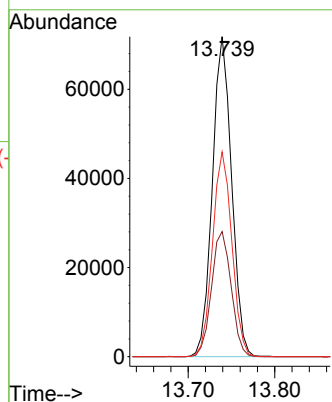
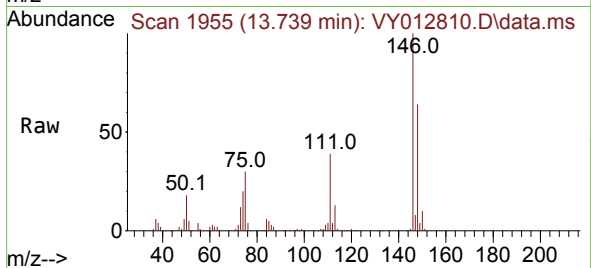
Tgt Ion:146 Resp: 110977

Ion Ratio Lower Upper

146 100

111 39.9 19.7 59.1

148 64.3 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.919 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

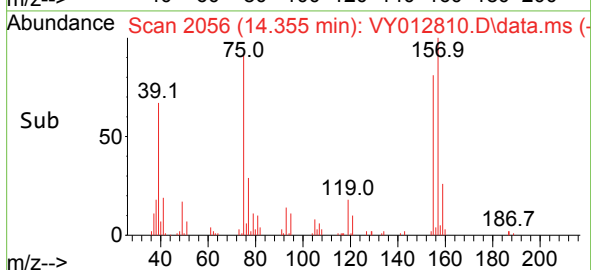
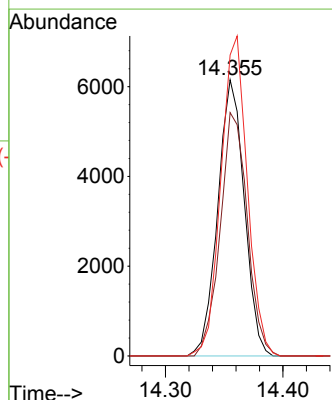
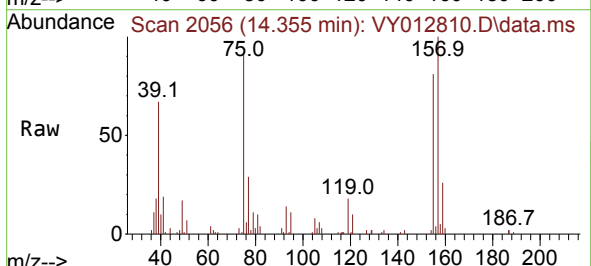
Tgt Ion: 75 Resp: 9634

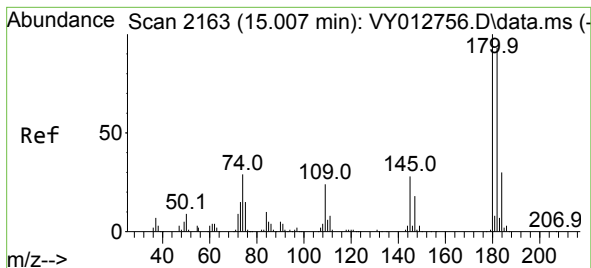
Ion Ratio Lower Upper

75 100

155 90.0 43.8 131.4

157 115.7 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 47.005 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

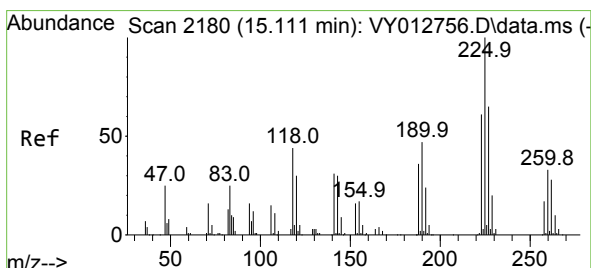
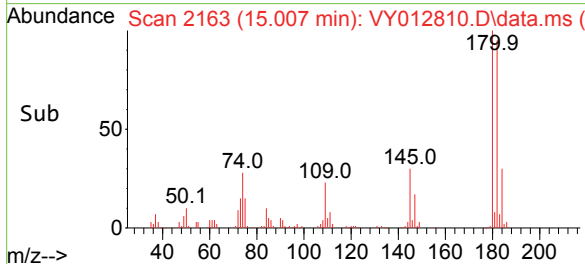
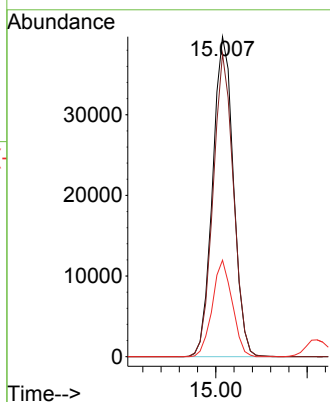
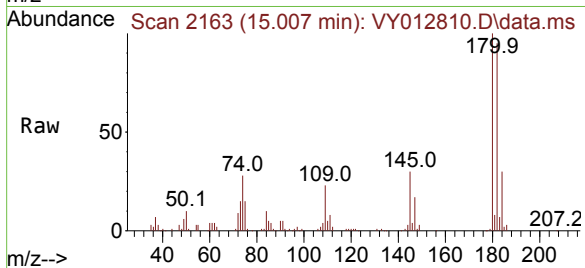
Tgt Ion:180 Resp: 62607

Ion Ratio Lower Upper

180 100

182 92.9 46.7 140.1

145 28.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 44.802 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

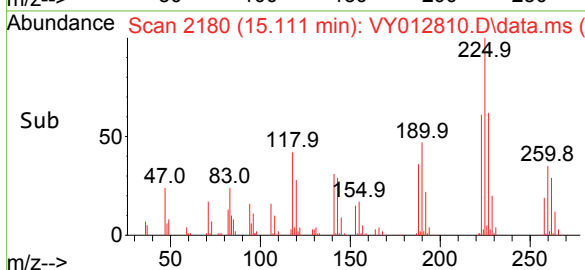
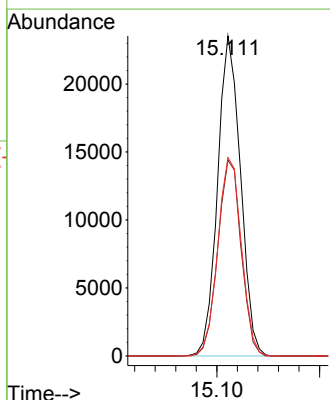
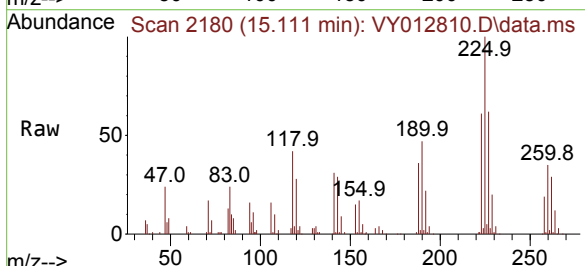
Tgt Ion:225 Resp: 36396

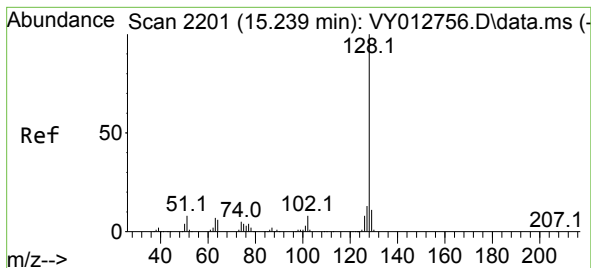
Ion Ratio Lower Upper

225 100

223 62.2 31.1 93.3

227 64.0 32.4 97.0





#95

Naphthalene

Concen: 49.233 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

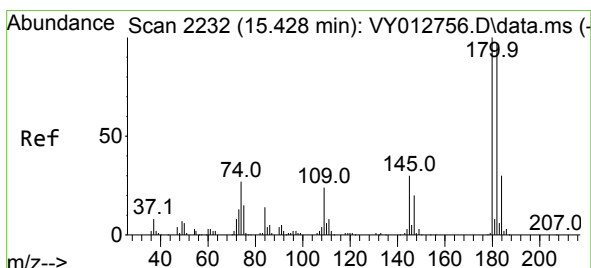
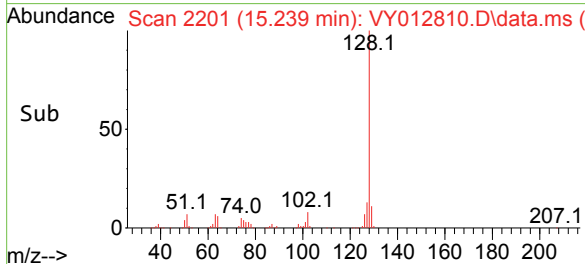
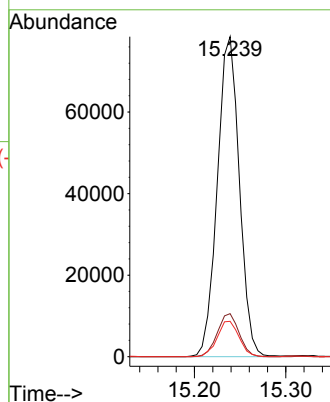
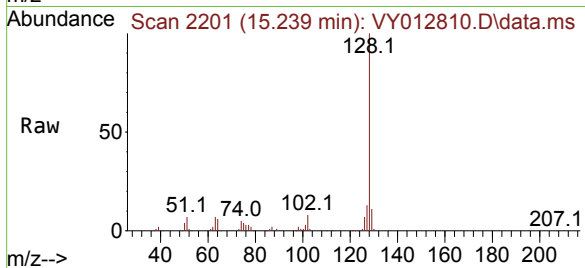
Tgt Ion:128 Resp: 131408

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 46.927 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY012810.D

Acq: 03 Mar 2023 20:35

Tgt Ion:180 Resp: 55589

Ion Ratio Lower Upper

180 100

182 94.1 47.4 142.3

145 30.5 15.3 45.8

