

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012960.D
 Acq On : 16 Mar 2023 10:27
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 17 01:31:31 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	107259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	160033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	144398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	42828	40.216	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.440%
35) Dibromofluoromethane	7.716	113	42275	43.772	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.540%
50) Toluene-d8	10.179	98	142743	40.428	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	80.860%
62) 4-Bromofluorobenzene	12.483	95	52229	43.827	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	42948	40.624	ug/l	97
3) Chloromethane	2.119	50	53374	42.230	ug/l	99
4) Vinyl Chloride	2.259	62	51577	44.503	ug/l	100
5) Bromomethane	2.655	94	32682	46.409	ug/l	94
6) Chloroethane	2.796	64	33099	47.687	ug/l	97
7) Trichlorofluoromethane	3.131	101	87768	45.596	ug/l	98
8) Diethyl Ether	3.533	74	31734	47.045	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	52409	45.254	ug/l	99
10) Methyl Iodide	4.094	142	71886	47.639	ug/l	99
11) Tert butyl alcohol	4.954	59	28714	233.092	ug/l #	85
12) 1,1-Dichloroethene	3.875	96	51326	46.469	ug/l	99
13) Acrolein	3.728	56	39118	209.661	ug/l	100
14) Allyl chloride	4.484	41	90202	44.211	ug/l	98
15) Acrylonitrile	5.161	53	85047	239.284	ug/l	99
16) Acetone	3.948	43	114377	273.631	ug/l	97
17) Carbon Disulfide	4.198	76	150137	39.934	ug/l	99
18) Methyl Acetate	4.478	43	55147	44.302	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	142098	49.807	ug/l	100
20) Methylene Chloride	4.716	84	60841	47.421	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	56679	47.221	ug/l	98
22) Diisopropyl ether	6.118	45	182888	49.353	ug/l	95
23) Vinyl Acetate	6.063	43	565639	245.660	ug/l	99
24) 1,1-Dichloroethane	6.021	63	102622	48.598	ug/l	99
25) 2-Butanone	6.984	43	131290	253.590	ug/l	97
26) 2,2-Dichloropropane	6.978	77	92490	49.315	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	65078	50.571	ug/l	97
28) Bromochloromethane	7.331	49	37181	48.182	ug/l	97
29) Tetrahydrofuran	7.350	42	73879	236.601	ug/l	98
30) Chloroform	7.508	83	106424	51.023	ug/l	99
31) Cyclohexane	7.789	56	83619	40.999	ug/l	92
32) 1,1,1-Trichloroethane	7.703	97	92881	49.241	ug/l	99
36) 1,1-Dichloropropene	7.917	75	78226	48.333	ug/l	99
37) Ethyl Acetate	7.075	43	48922	47.958	ug/l	100
38) Carbon Tetrachloride	7.898	117	85694	51.273	ug/l	98
39) Methylcyclohexane	9.185	83	88510	46.000	ug/l	98
40) Benzene	8.161	78	230868	50.428	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	21373	38.888	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	70983	51.571	ug/l	100
43) Isopropyl Acetate	8.270	43	89111	48.963	ug/l	98
44) Trichloroethene	8.941	130	60705	50.292	ug/l	99
45) 1,2-Dichloropropane	9.215	63	58860	50.872	ug/l	96
46) Dibromomethane	9.307	93	33861	51.370	ug/l	98
47) Bromodichloromethane	9.496	83	82787	53.296	ug/l	99
48) Methyl methacrylate	9.294	41	42544	50.732	ug/l	99
49) 1,4-Dioxane	9.301	88	9251	1085.630	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	251792	255.052	ug/l	100
52) Toluene	10.246	92	142772	51.710	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	85280	52.341	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	95971	52.041	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	47006	51.206	ug/l	100
56) Ethyl methacrylate	10.508	69	64451	52.655	ug/l	99
57) 1,3-Dichloropropane	10.794	76	80987	51.797	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	170397	265.183	ug/l	100
59) 2-Hexanone	10.831	43	191233	266.529	ug/l	99
60) Dibromochloromethane	10.983	129	58876	52.688	ug/l	99
61) 1,2-Dibromoethane	11.087	107	45362	51.298	ug/l	99
64) Tetrachloroethene	10.721	164	52005	49.466	ug/l	98
65) Chlorobenzene	11.520	112	152452	50.305	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	59393	52.963	ug/l	98
67) Ethyl Benzene	11.593	91	273442	51.320	ug/l	100
68) m/p-Xylenes	11.703	106	212172	103.512	ug/l	99
69) o-Xylene	12.032	106	99517	52.022	ug/l	99
70) Styrene	12.044	104	171262	53.647	ug/l	100
71) Bromoform	12.209	173	38193	52.236	ug/l #	97
73) Isopropylbenzene	12.331	105	266439	50.936	ug/l	100
74) N-amyl acetate	12.148	43	78788	47.872	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	58363	49.634	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	75306	85.440	ug/l #	100
77) Bromobenzene	12.611	156	64691	50.908	ug/l	97
78) n-propylbenzene	12.672	91	325729	50.508	ug/l	100
79) 2-Chlorotoluene	12.757	91	181673	50.686	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	222042	51.437	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	20689	48.637	ug/l	98
82) 4-Chlorotoluene	12.855	91	185323	49.949	ug/l	100
83) tert-Butylbenzene	13.074	119	191326	51.350	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	218689	51.807	ug/l	100
85) sec-Butylbenzene	13.257	105	289695	50.965	ug/l	100
86) p-Isopropyltoluene	13.373	119	239018	51.451	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	125855	51.352	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	125069	50.001	ug/l	100
89) n-Butylbenzene	13.696	91	225452	50.694	ug/l	99
90) Hexachloroethane	13.964	117	47710	49.309	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	113982	51.448	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9175	48.281	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	66689	48.890	ug/l	100
94) Hexachlorobutadiene	15.111	225	40414	48.576	ug/l	99
95) Naphthalene	15.239	128	136390	49.896	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	59312	48.890	ug/l	99

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

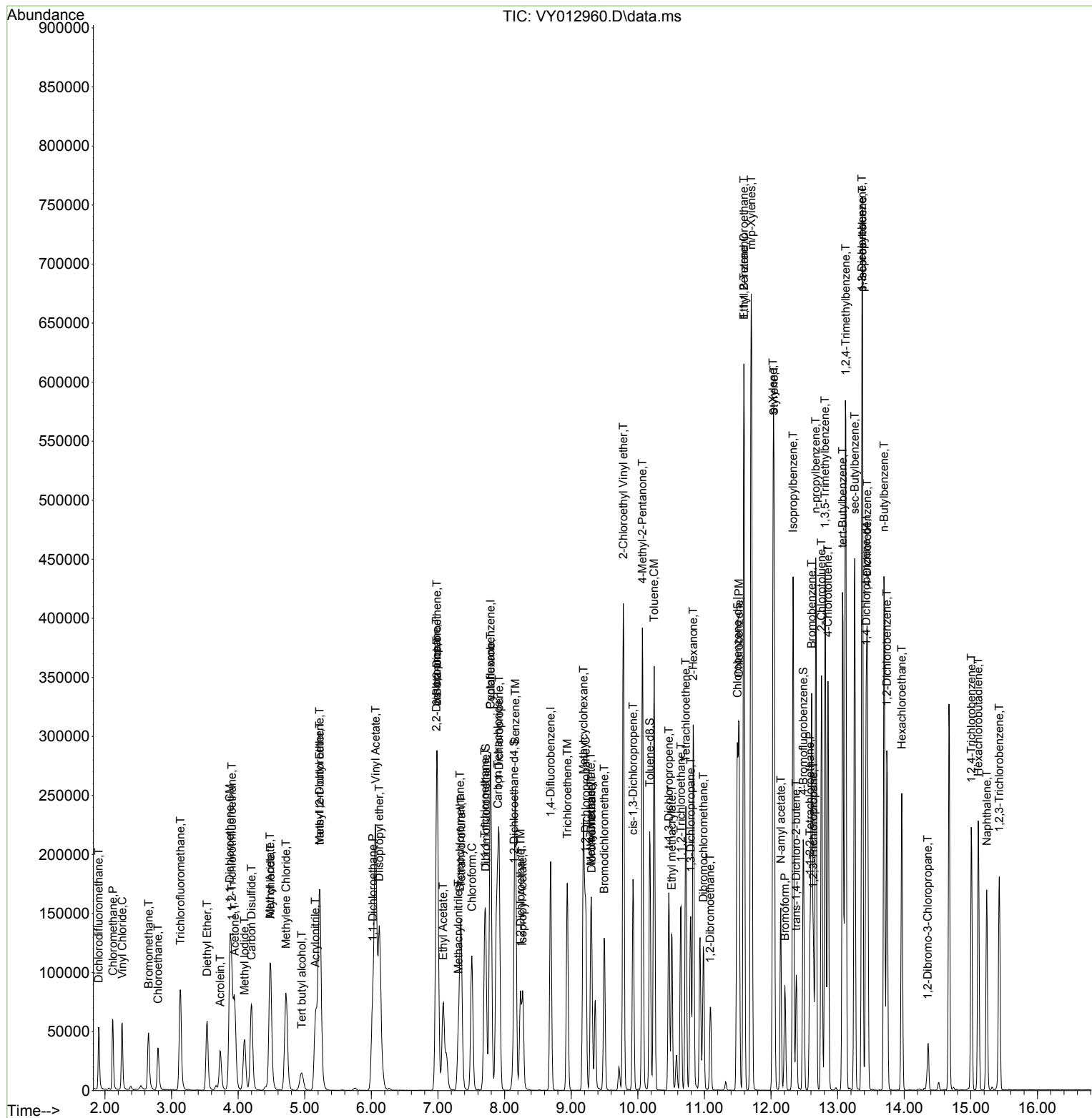
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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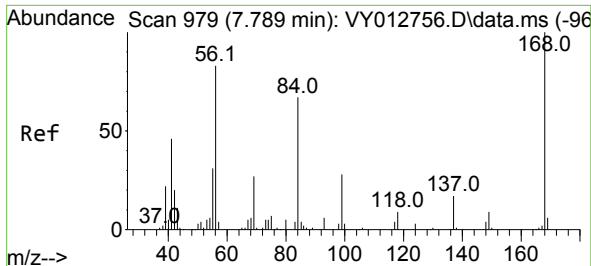
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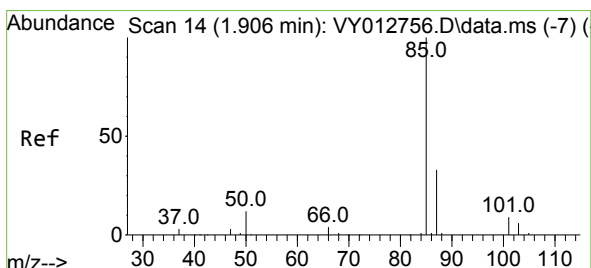
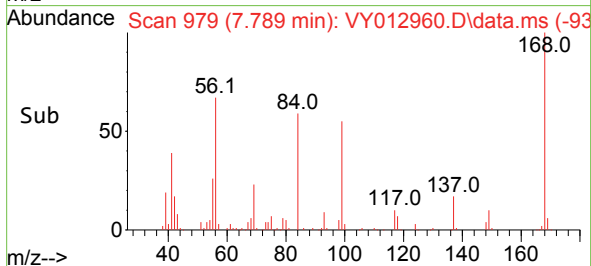
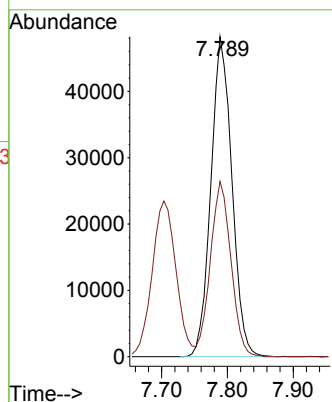
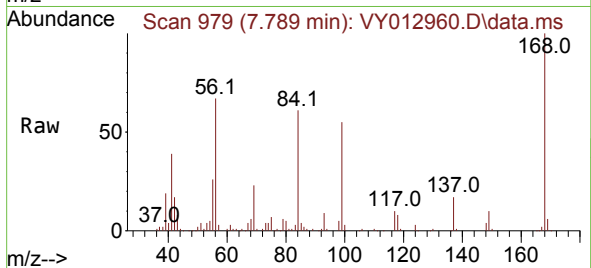




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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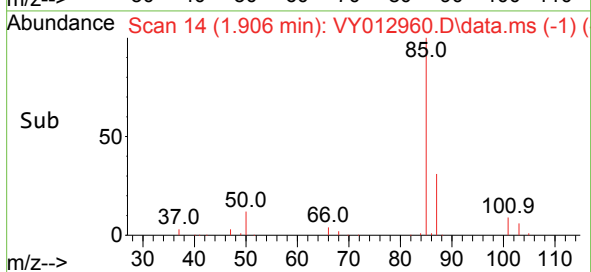
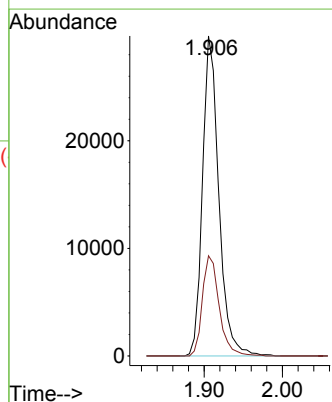
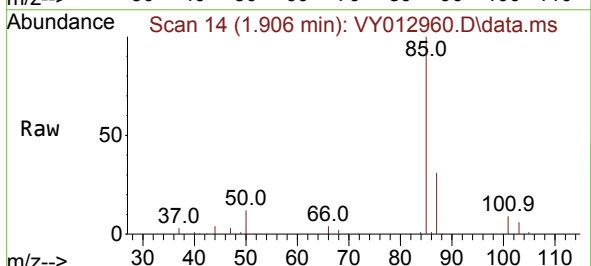
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

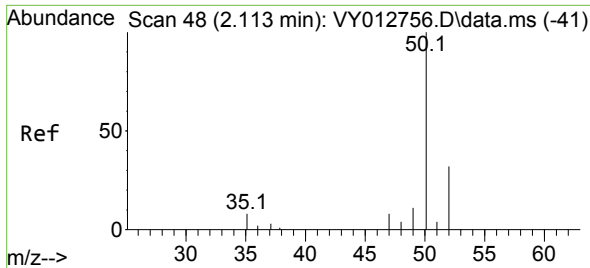
Tgt Ion:168 Resp: 107259
Ion Ratio Lower Upper
168 100
99 54.8 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 40.624 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

Tgt Ion: 85 Resp: 42948
Ion Ratio Lower Upper
85 100
87 31.3 16.7 50.0

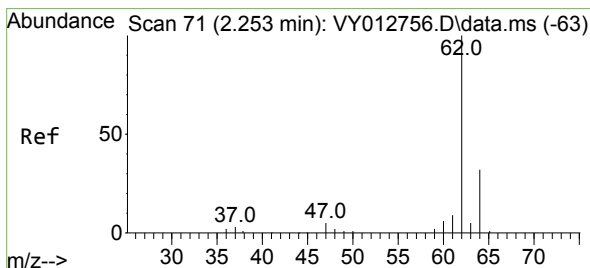
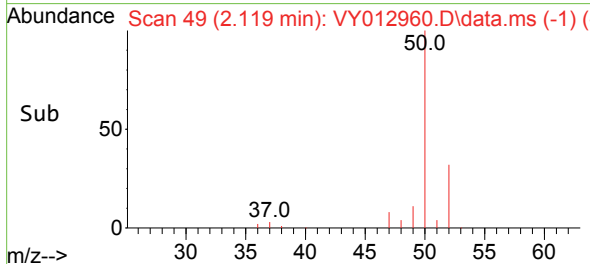
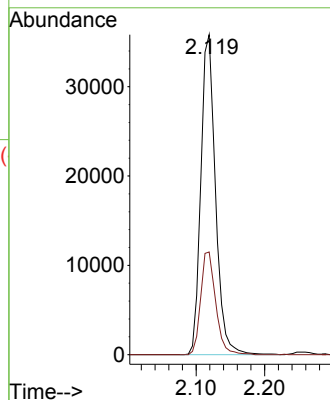
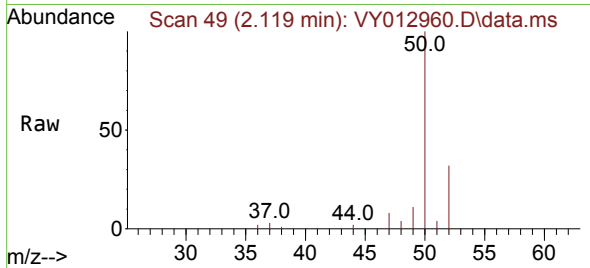




#3
Chloromethane
Concen: 42.230 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

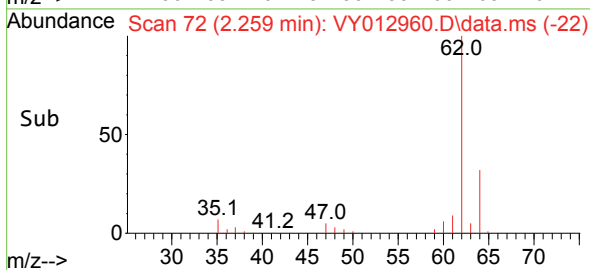
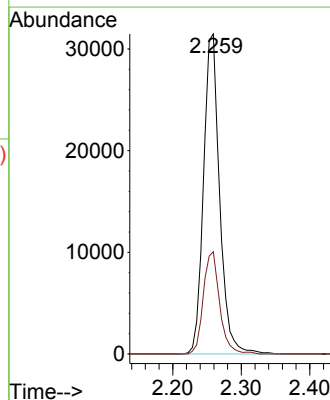
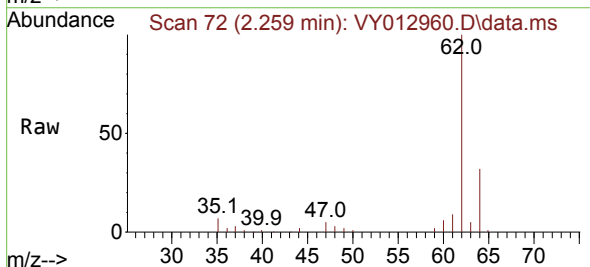
Instrument :
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ClientSampleId :
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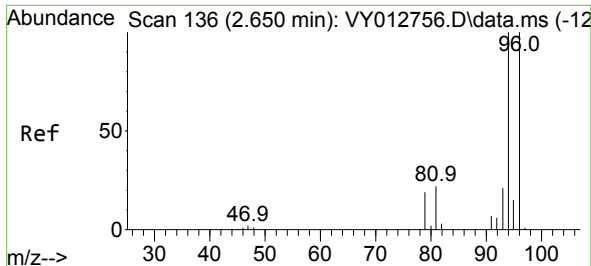
Tgt Ion: 50 Resp: 53374
Ion Ratio Lower Upper
50 100
52 32.1 26.0 39.0



#4
Vinyl Chloride
Concen: 44.503 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

Tgt Ion: 62 Resp: 51577
Ion Ratio Lower Upper
62 100
64 31.9 25.6 38.4





#5

Bromomethane

Concen: 46.409 ug/l

RT: 2.655 min Scan# 11

Delta R.T. 0.005 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

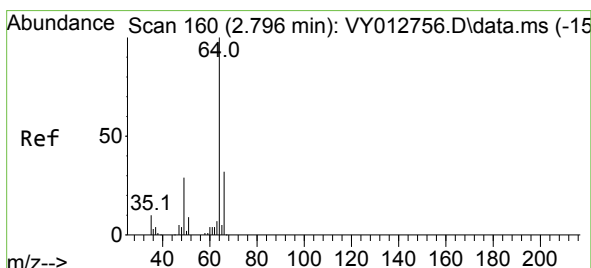
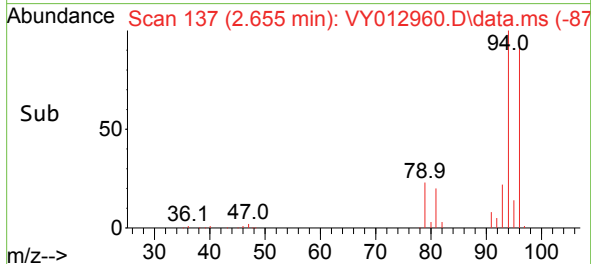
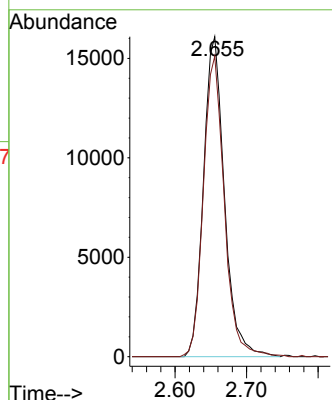
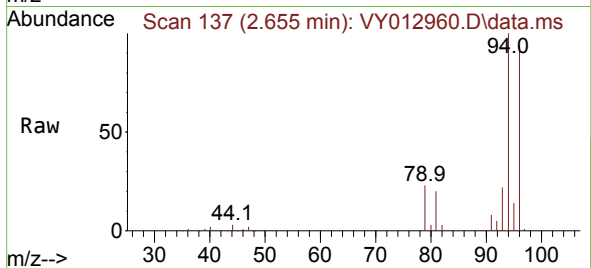
VSTDCCC050

Tgt Ion: 94 Resp: 32682

Ion Ratio Lower Upper

94 100

96 93.9 80.3 120.5



#6

Chloroethane

Concen: 47.687 ug/l

RT: 2.796 min Scan# 160

Delta R.T. -0.000 min

Lab File: VY012960.D

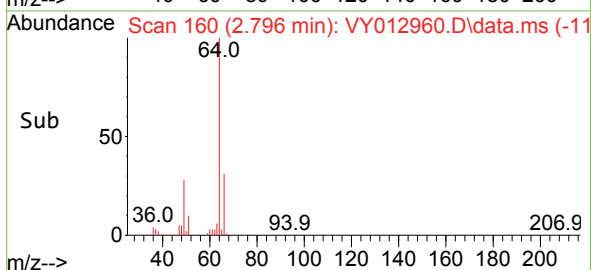
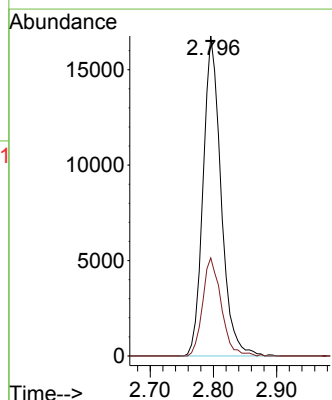
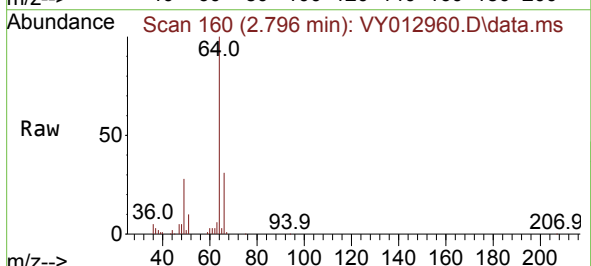
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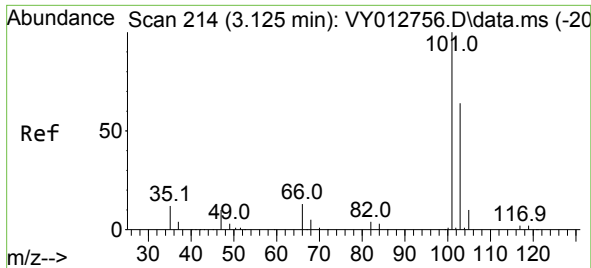
Tgt Ion: 64 Resp: 33099

Ion Ratio Lower Upper

64 100

66 30.7 25.7 38.5

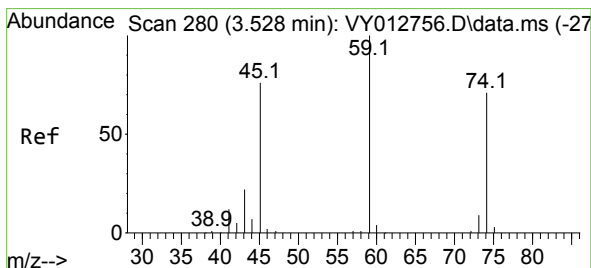
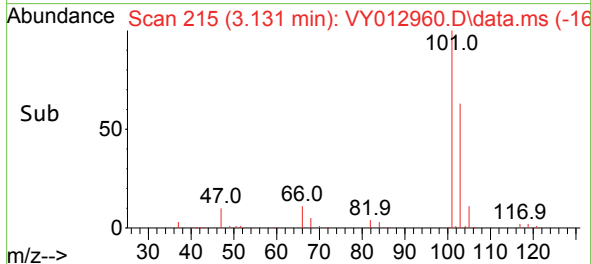
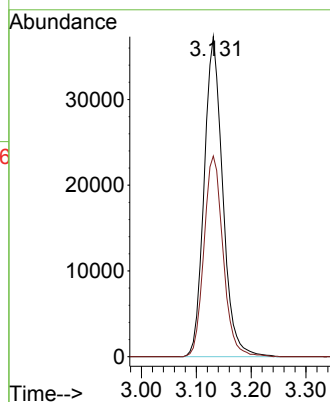
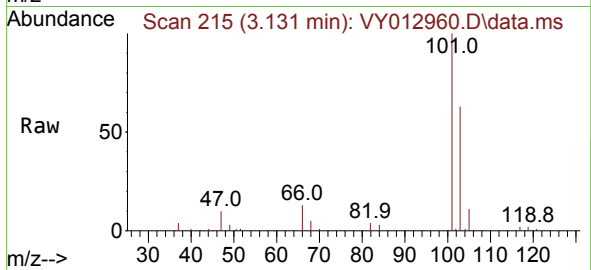




#7
Trichlorofluoromethane
Concen: 45.596 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

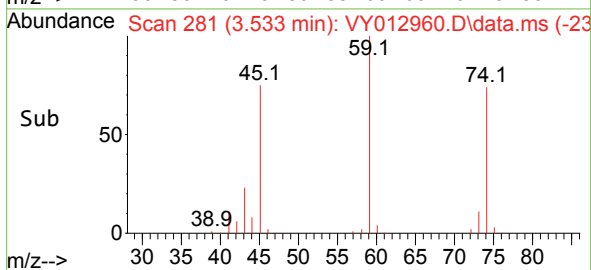
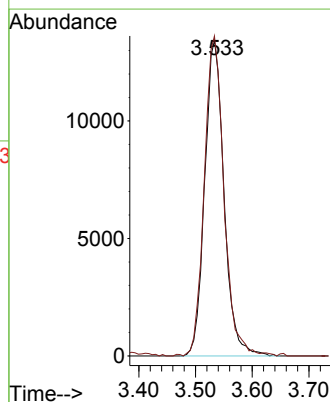
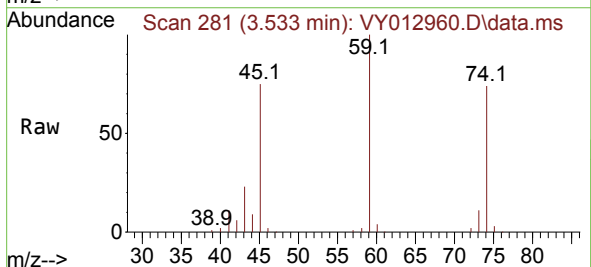
Instrument :
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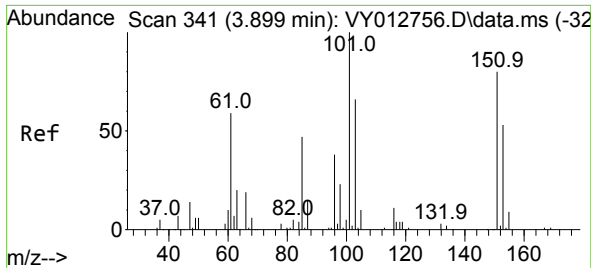
Tgt Ion:101 Resp: 87768
Ion Ratio Lower Upper
101 100
103 62.7 51.5 77.3



#8
Diethyl Ether
Concen: 47.045 ug/l
RT: 3.533 min Scan# 281
Delta R.T. 0.005 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

Tgt Ion: 74 Resp: 31734
Ion Ratio Lower Upper
74 100
45 103.0 52.1 156.4

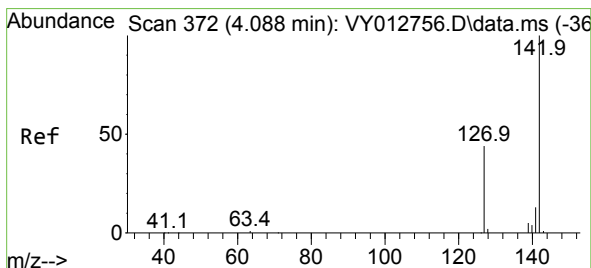
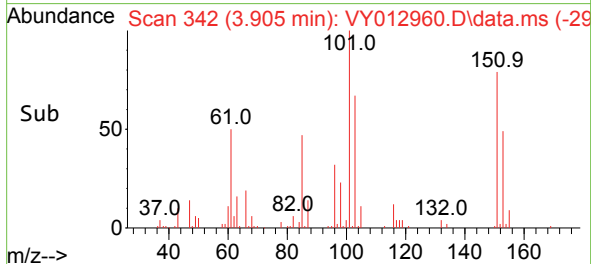
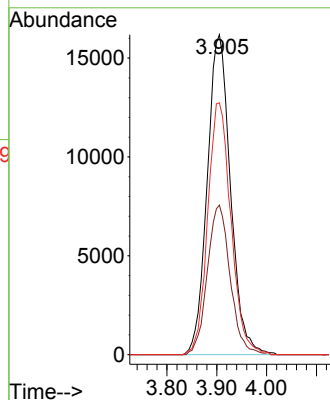
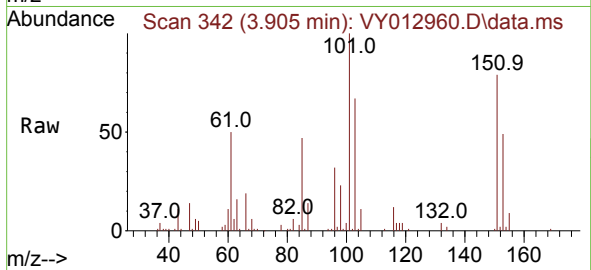




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.254 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

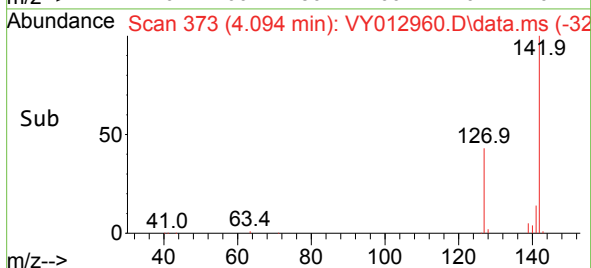
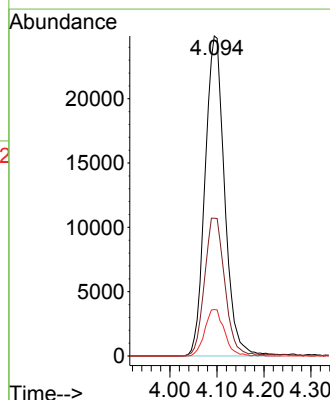
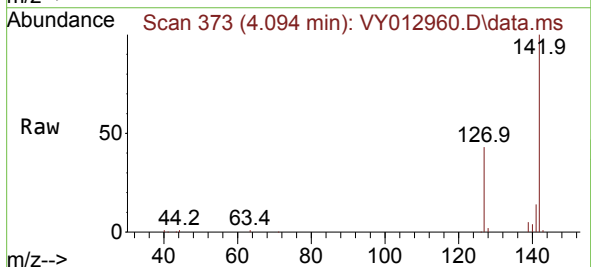
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

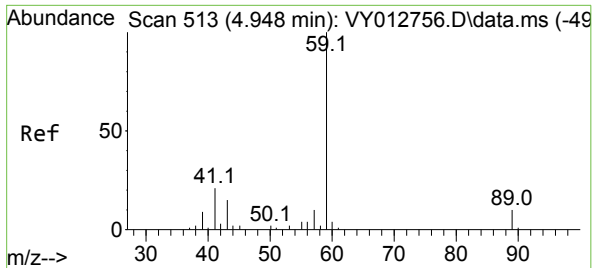
Tgt Ion:101 Resp: 52409
Ion Ratio Lower Upper
101 100
85 45.9 35.3 52.9
151 78.7 63.1 94.7



#10
Methyl Iodide
Concen: 47.639 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

Tgt Ion:142 Resp: 71886
Ion Ratio Lower Upper
142 100
127 44.8 35.4 53.2
141 14.4 11.3 16.9

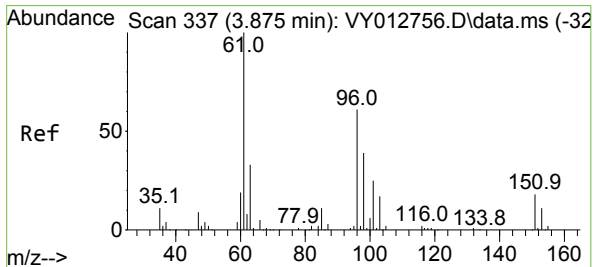
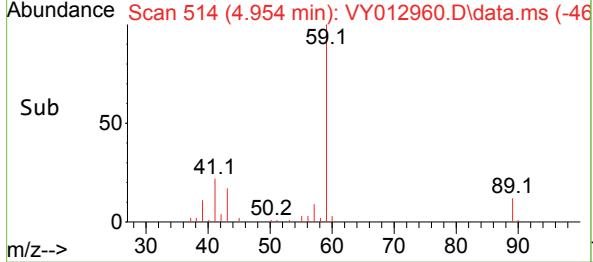
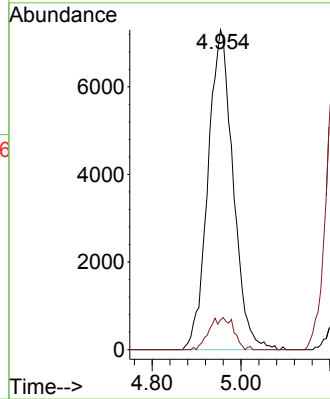
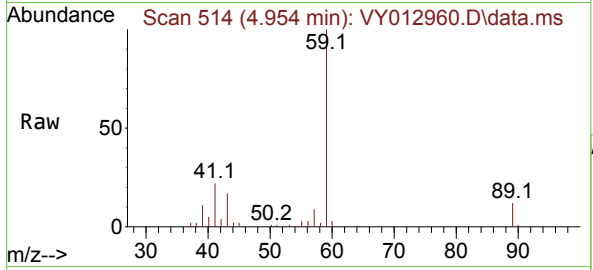




#11
Tert butyl alcohol
Concen: 233.092 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

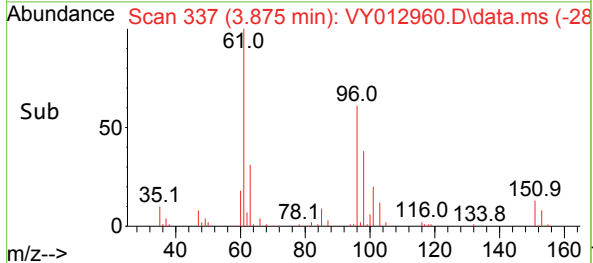
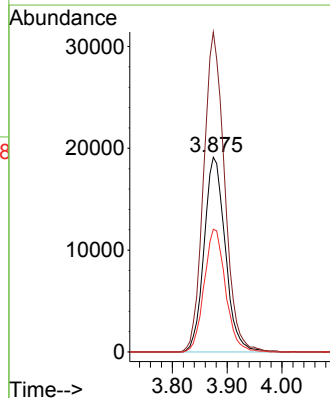
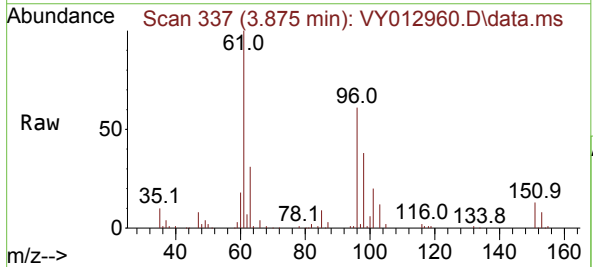
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

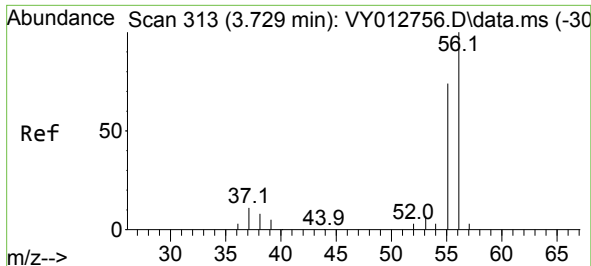
Tgt Ion: 59 Resp: 28714
Ion Ratio Lower Upper
59 100
57 4.1 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 46.469 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

Tgt Ion: 96 Resp: 51326
Ion Ratio Lower Upper
96 100
61 164.4 131.7 197.5
98 63.0 52.0 78.0





#13

Acrolein

Concen: 209.661 ug/l

RT: 3.728 min Scan# 31

Delta R.T. -0.001 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

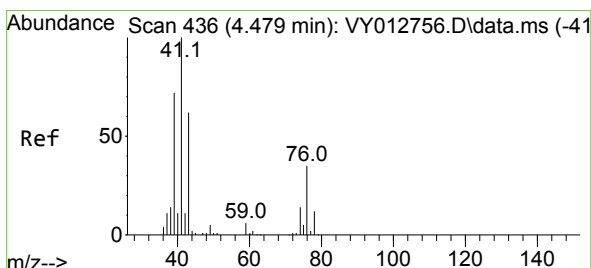
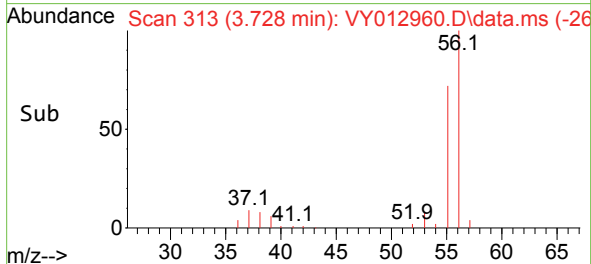
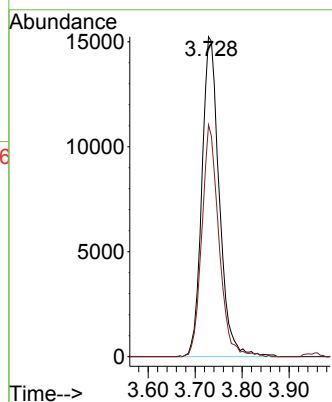
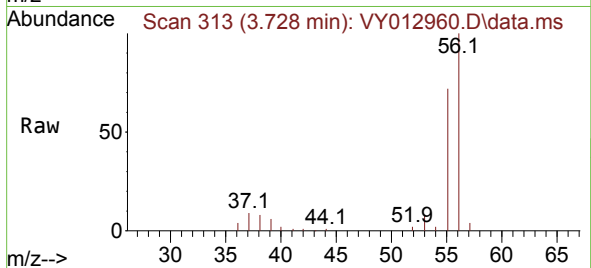
VSTDCCC050

Tgt Ion: 56 Resp: 39118

Ion Ratio Lower Upper

56 100

55 71.2 56.8 85.2



#14

Allyl chloride

Concen: 44.211 ug/l

RT: 4.484 min Scan# 437

Delta R.T. 0.005 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

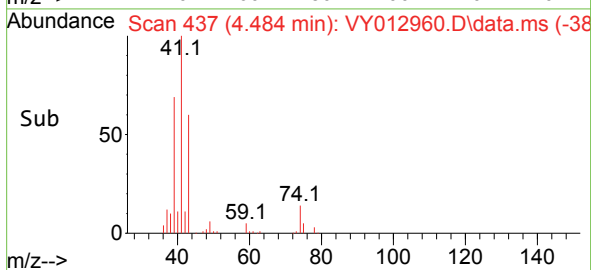
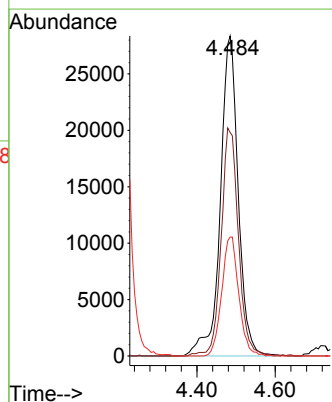
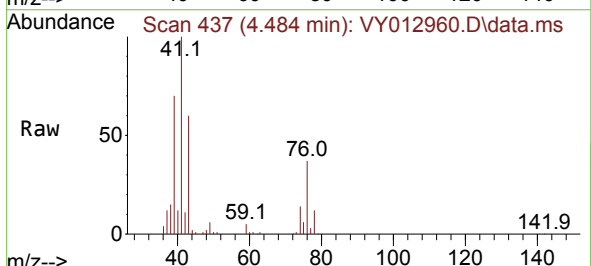
Tgt Ion: 41 Resp: 90202

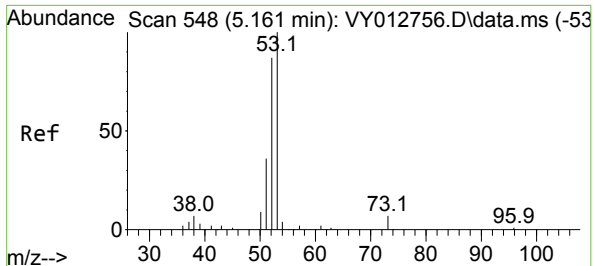
Ion Ratio Lower Upper

41 100

39 68.4 53.6 80.4

76 35.5 27.2 40.8

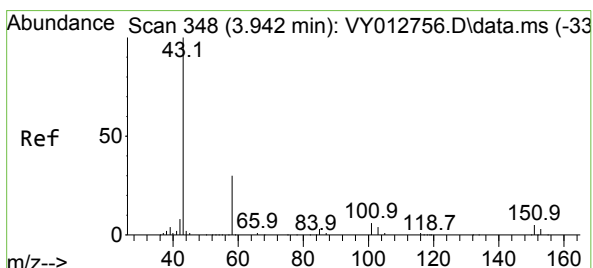
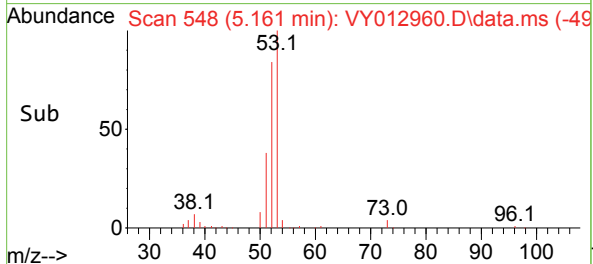
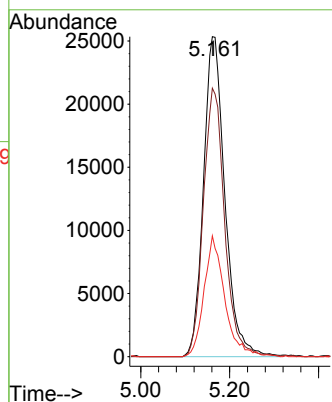
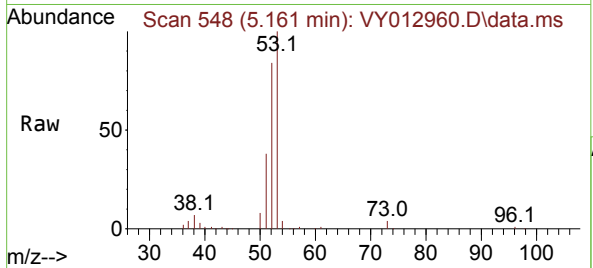




#15
Acrylonitrile
Concen: 239.284 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

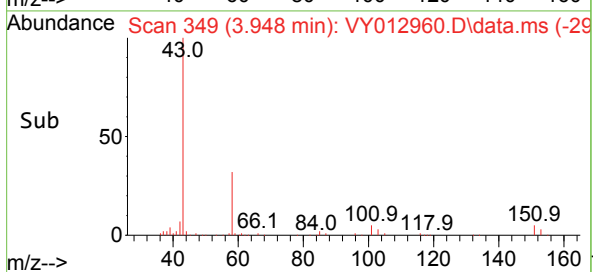
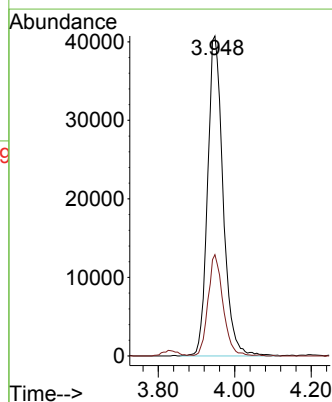
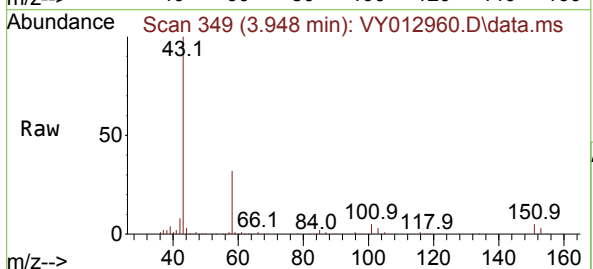
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

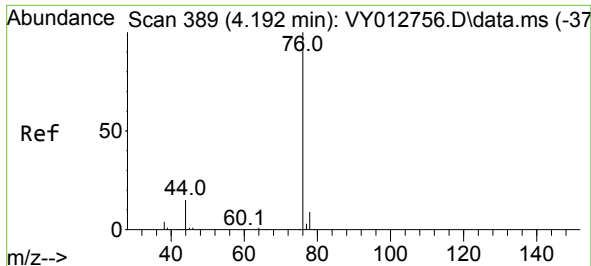
Tgt Ion: 53 Resp: 85047
Ion Ratio Lower Upper
53 100
52 83.4 66.3 99.5
51 36.5 28.8 43.2



#16
Acetone
Concen: 273.631 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

Tgt Ion: 43 Resp: 114377
Ion Ratio Lower Upper
43 100
58 31.7 24.2 36.2

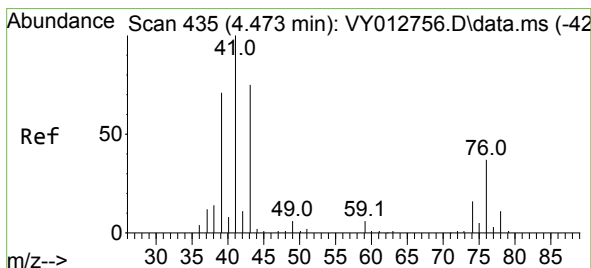
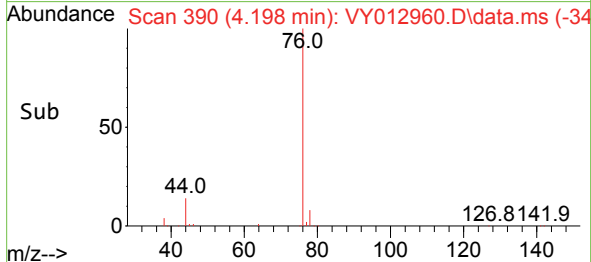
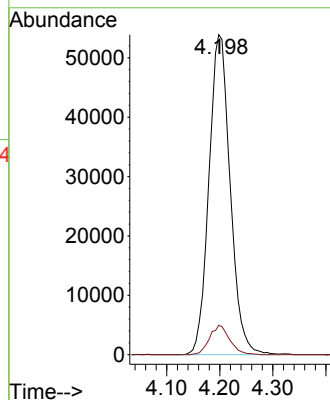
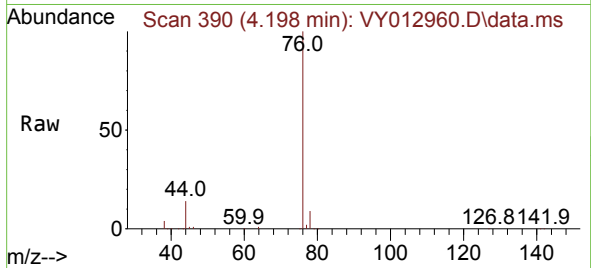




#17
Carbon Disulfide
Concen: 39.934 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

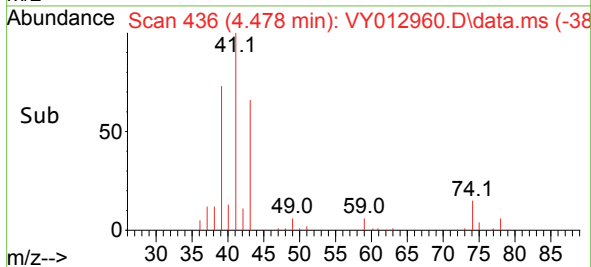
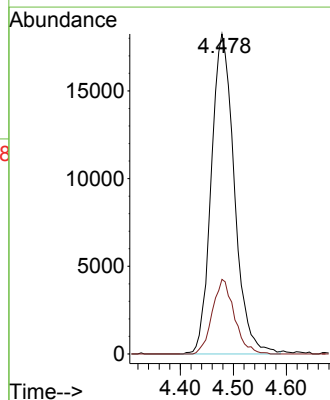
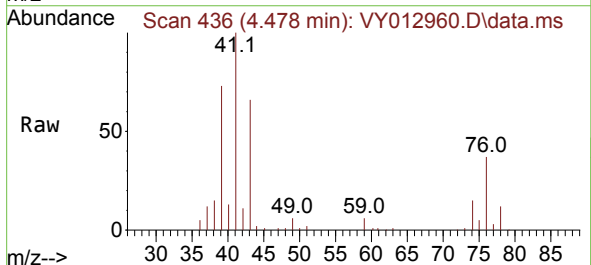
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

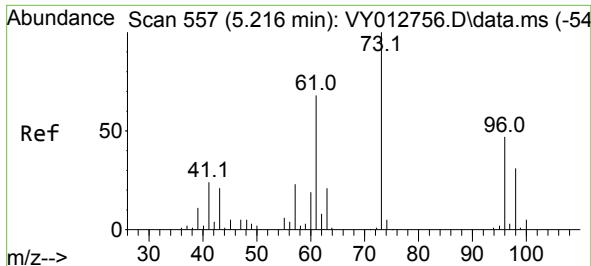
Tgt Ion: 76 Resp: 150137
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 44.302 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

Tgt Ion: 43 Resp: 55147
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.0

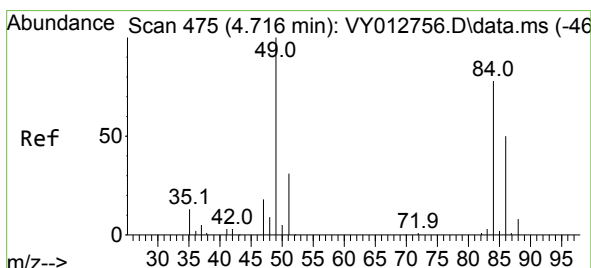
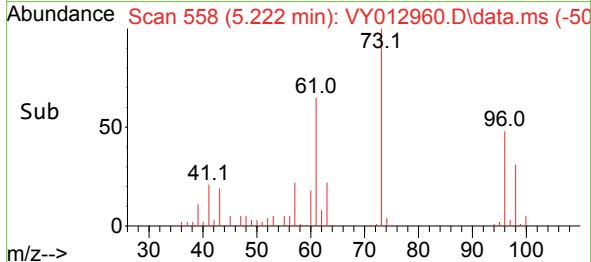
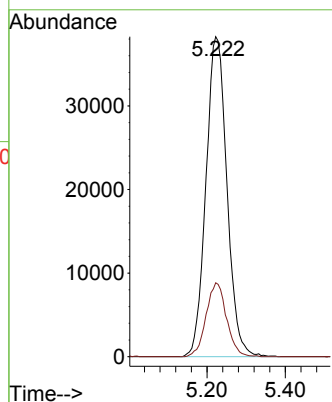
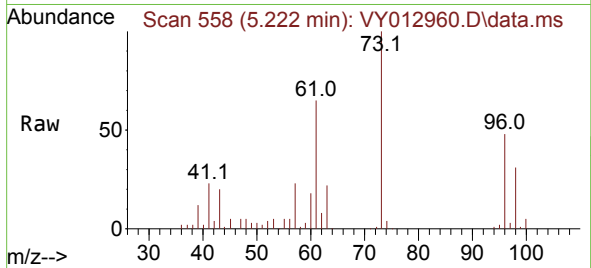




#19
Methyl tert-butyl Ether
Concen: 49.807 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

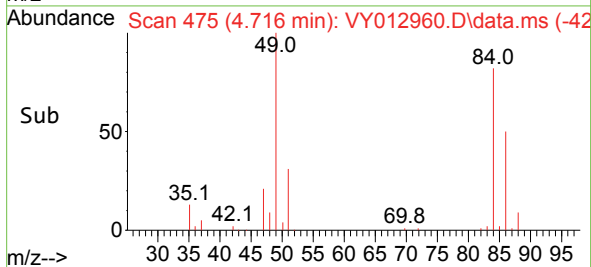
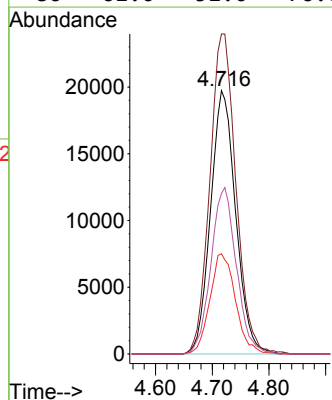
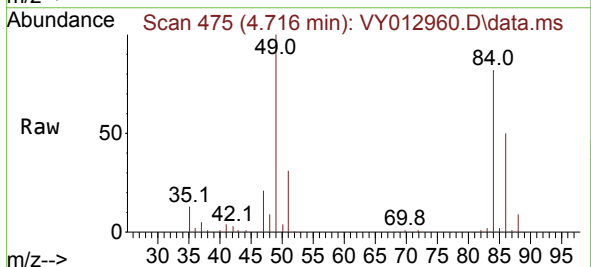
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

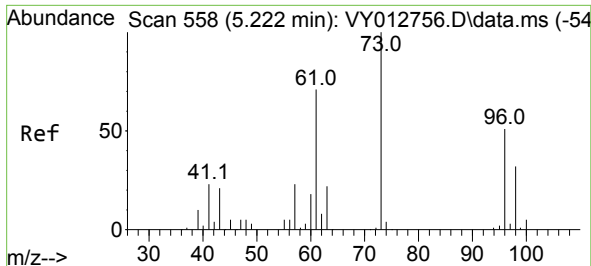
Tgt Ion: 73 Resp: 142098
Ion Ratio Lower Upper
73 100
57 23.1 18.3 27.5



#20
Methylene Chloride
Concen: 47.421 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

Tgt Ion: 84 Resp: 60841
Ion Ratio Lower Upper
84 100
49 121.5 102.6 154.0
51 38.0 31.9 47.9
86 61.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 47.221 ug/l

RT: 5.222 min Scan# 511

Delta R.T. 0.000 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

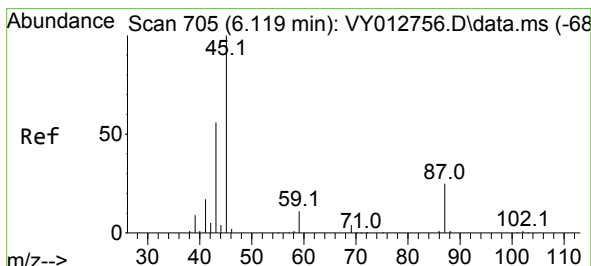
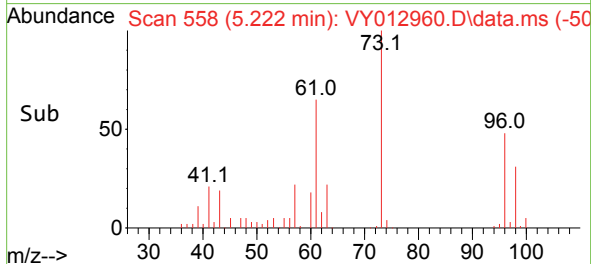
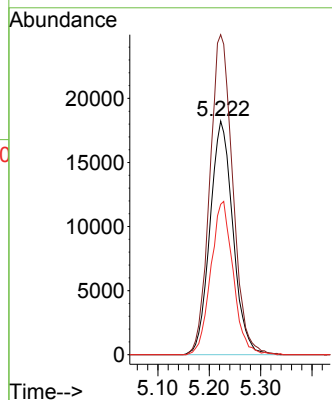
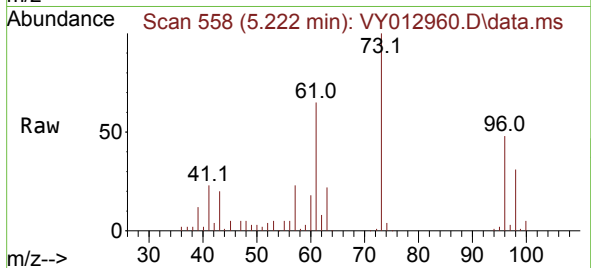
Tgt Ion: 96 Resp: 56679

Ion Ratio Lower Upper

96 100

61 137.0 111.4 167.0

98 64.4 50.8 76.2



#22

Diisopropyl ether

Concen: 49.353 ug/l

RT: 6.118 min Scan# 705

Delta R.T. -0.001 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Tgt Ion: 45 Resp: 182888

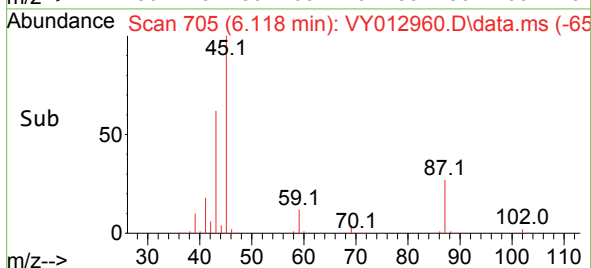
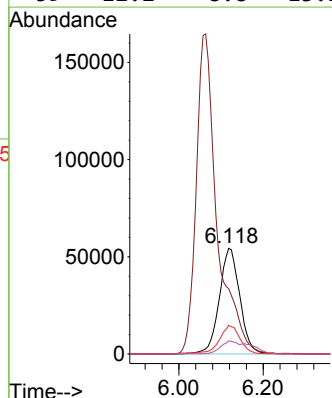
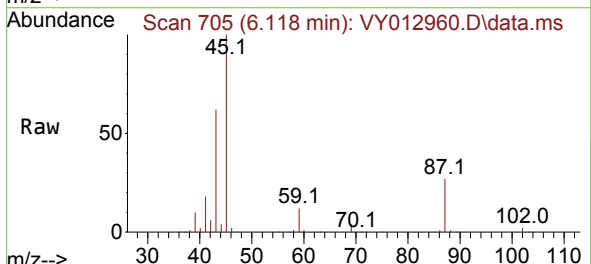
Ion Ratio Lower Upper

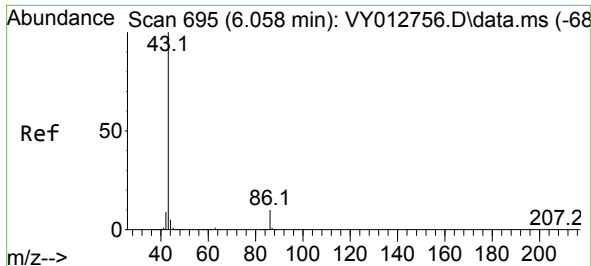
45 100

43 61.3 45.0 67.6

87 26.9 20.3 30.5

59 12.2 8.8 13.2

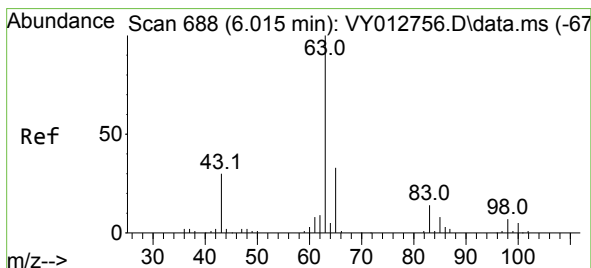
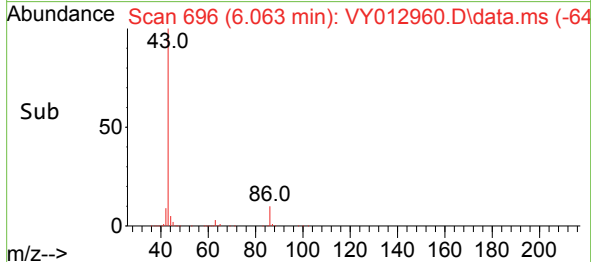
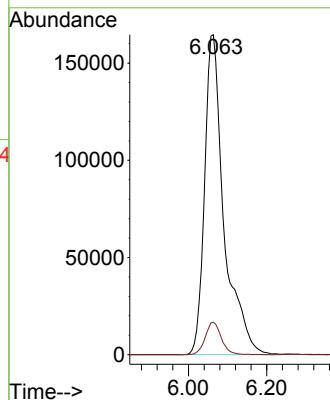
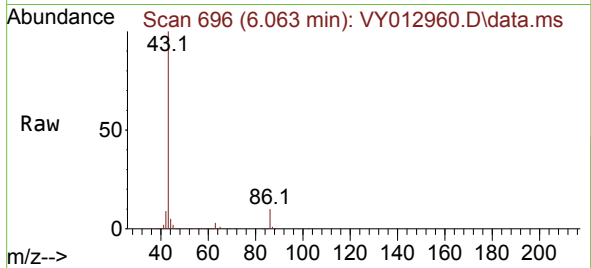




#23
 Vinyl Acetate
 Concen: 245.660 ug/l
 RT: 6.063 min Scan# 695
 Delta R.T. 0.005 min
 Lab File: VY012960.D
 Acq: 16 Mar 2023 10:27

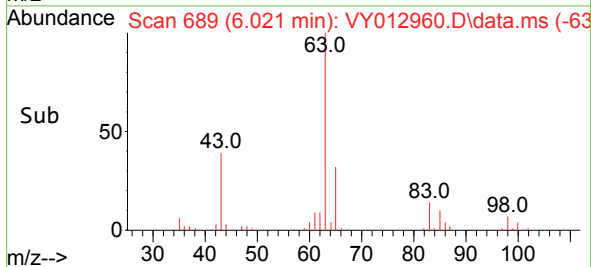
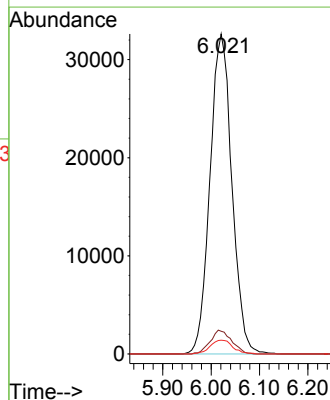
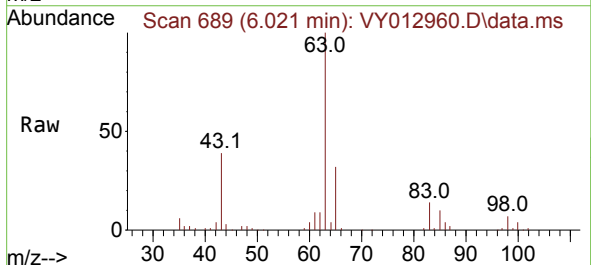
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

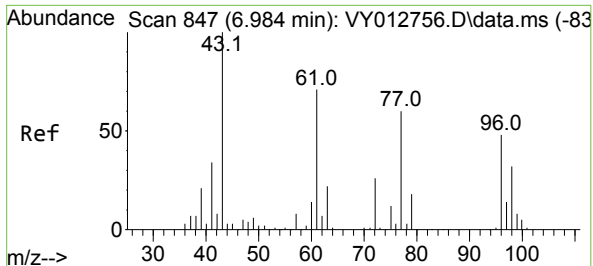
Tgt Ion: 43 Resp: 565639
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 48.598 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012960.D
 Acq: 16 Mar 2023 10:27

Tgt Ion: 63 Resp: 102622
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.7 11.1
 100 4.3 2.3 6.8





#25

2-Butanone

Concen: 253.590 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

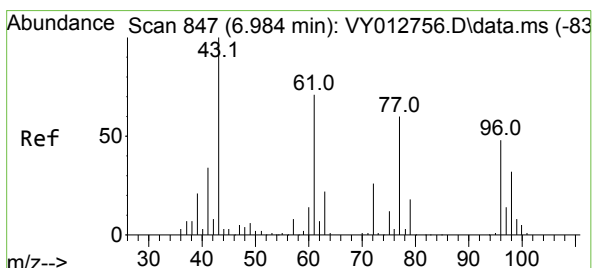
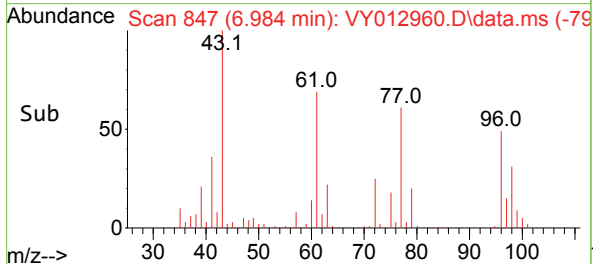
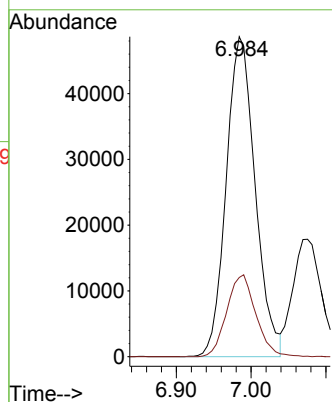
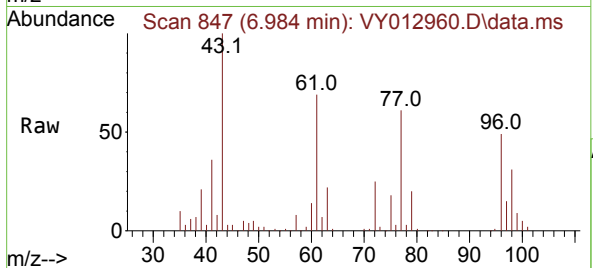
VSTDCCC050

Tgt Ion: 43 Resp: 131290

Ion Ratio Lower Upper

43 100

72 24.8 21.0 31.4



#26

2,2-Dichloropropane

Concen: 49.315 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012960.D

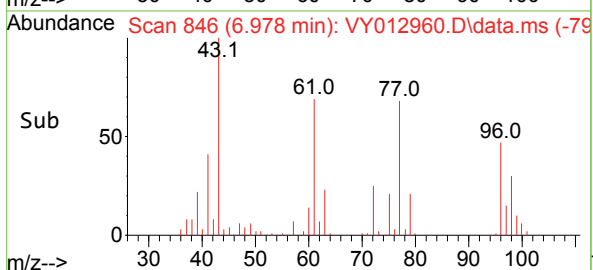
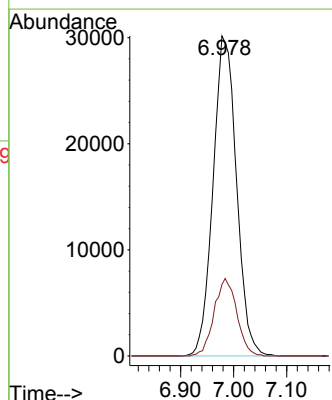
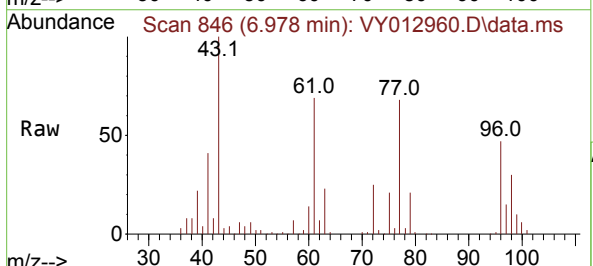
Acq: 16 Mar 2023 10:27

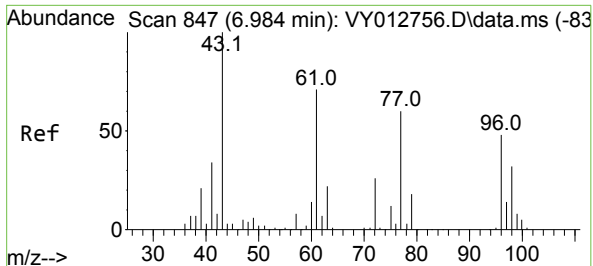
Tgt Ion: 77 Resp: 92490

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0



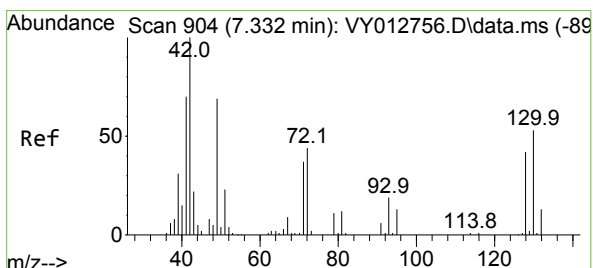
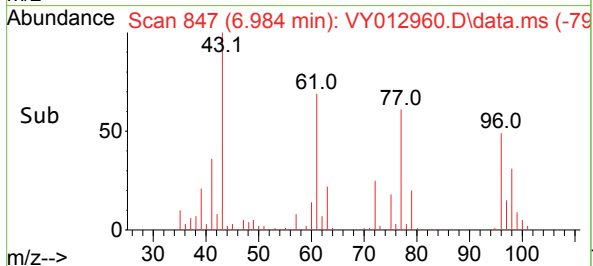
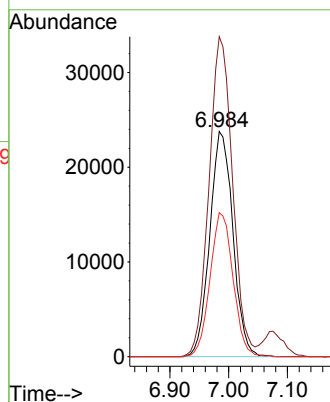
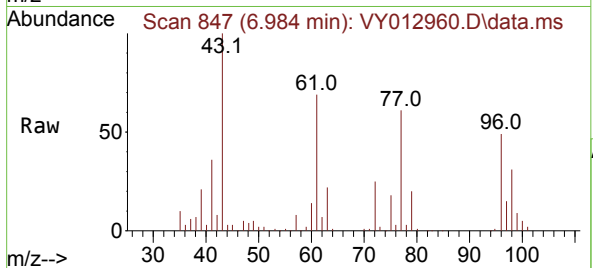


#27
 cis-1,2-Dichloroethene
 Concen: 50.571 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY012960.D
 Acq: 16 Mar 2023 10:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 65078

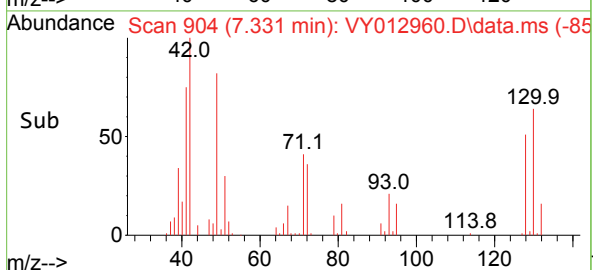
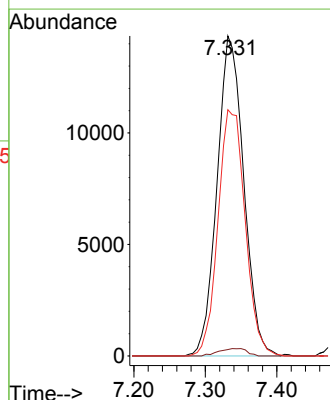
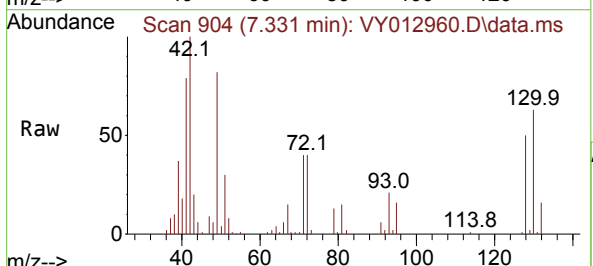
Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	295.8
98	63.5	0.0	130.2



#28
 Bromochloromethane
 Concen: 48.182 ug/l
 RT: 7.331 min Scan# 904
 Delta R.T. -0.001 min
 Lab File: VY012960.D
 Acq: 16 Mar 2023 10:27

Tgt Ion: 49 Resp: 37181

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	78.3	60.5	90.7





#29

Tetrahydrofuran

Concen: 236.601 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

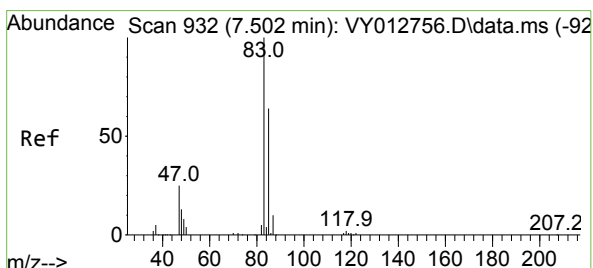
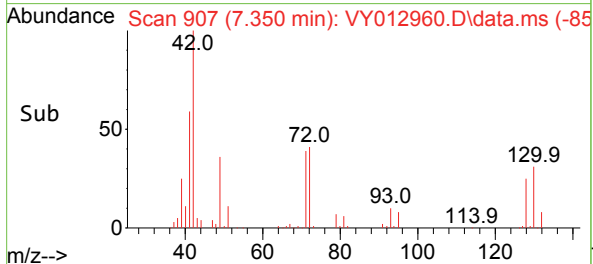
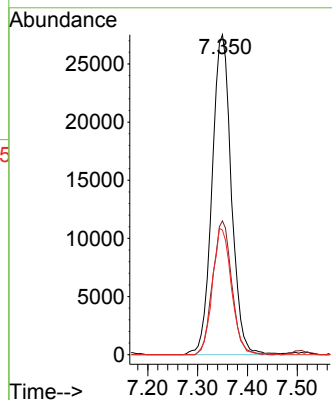
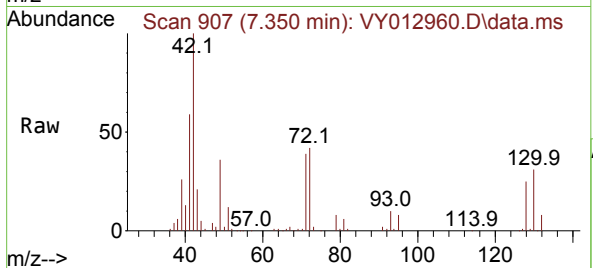
Tgt Ion: 42 Resp: 73879

Ion Ratio Lower Upper

42 100

72 41.4 32.3 48.5

71 38.9 30.3 45.5



#30

Chloroform

Concen: 51.023 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY012960.D

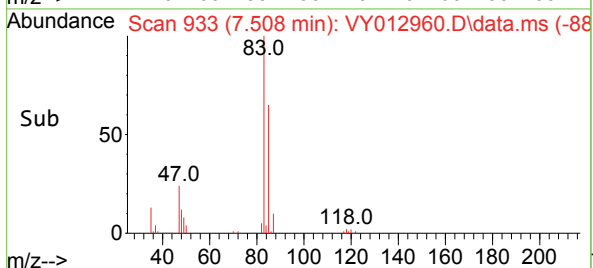
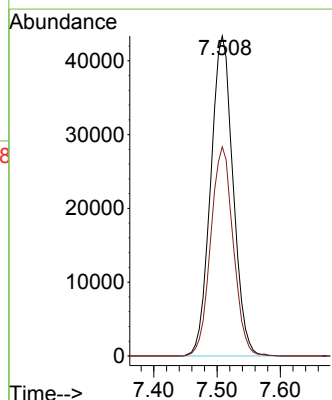
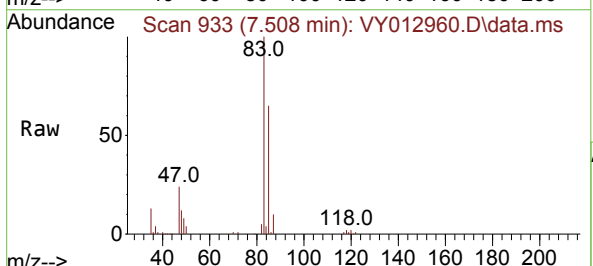
Acq: 16 Mar 2023 10:27

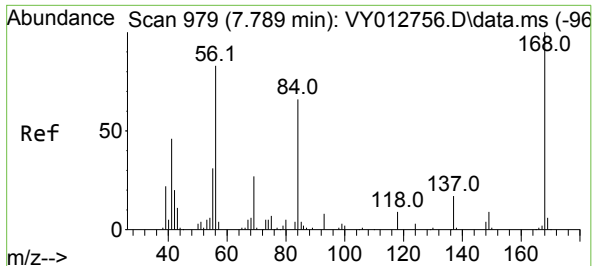
Tgt Ion: 83 Resp: 106424

Ion Ratio Lower Upper

83 100

85 65.3 51.4 77.0





#31

Cyclohexane

Concen: 40.999 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

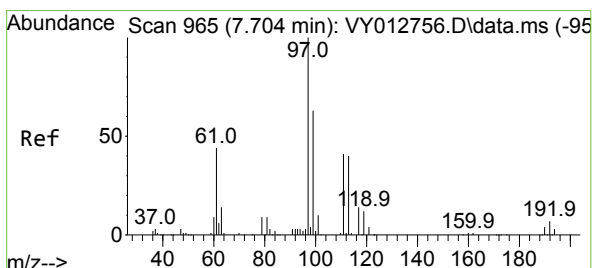
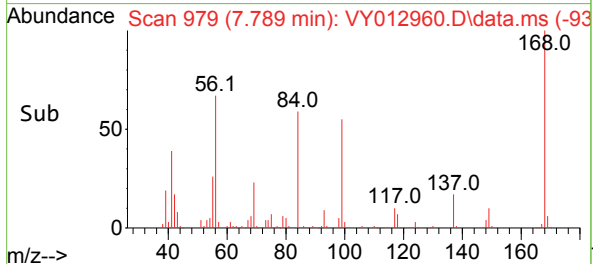
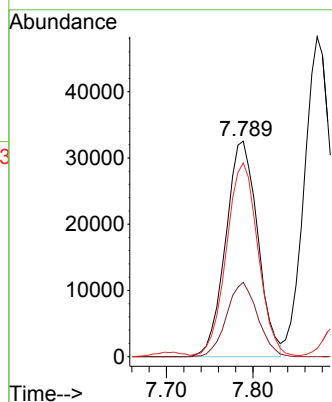
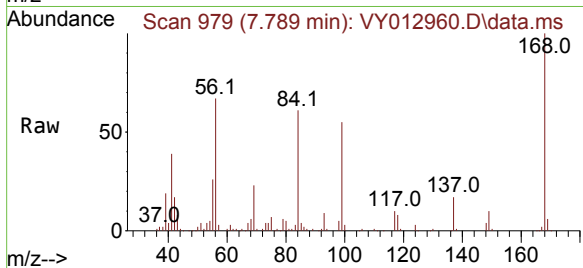
Tgt Ion: 56 Resp: 83619

Ion Ratio Lower Upper

56 100

69 34.5 25.7 38.5

84 88.5 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 49.241 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.001 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

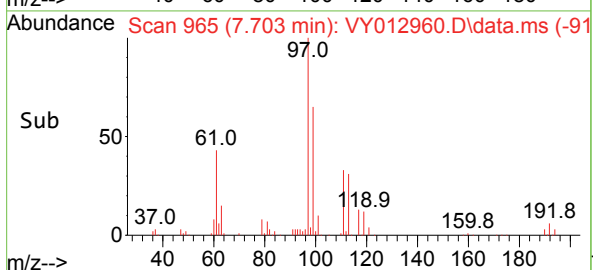
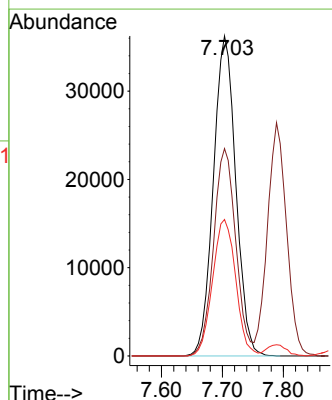
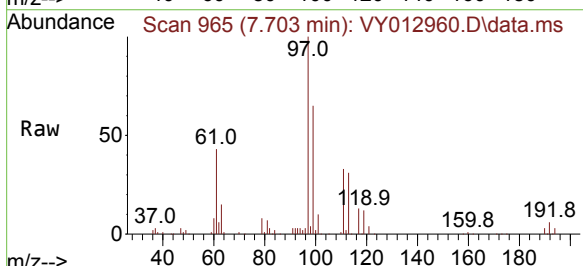
Tgt Ion: 97 Resp: 92881

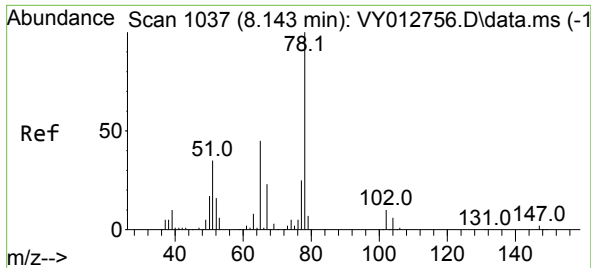
Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.6

61 44.0 34.5 51.7

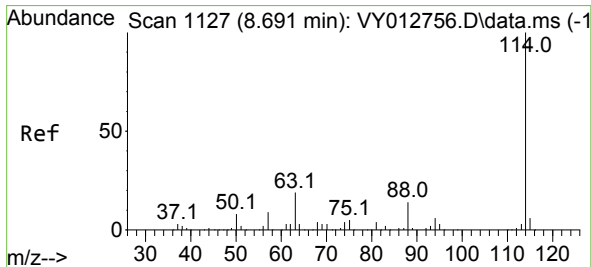
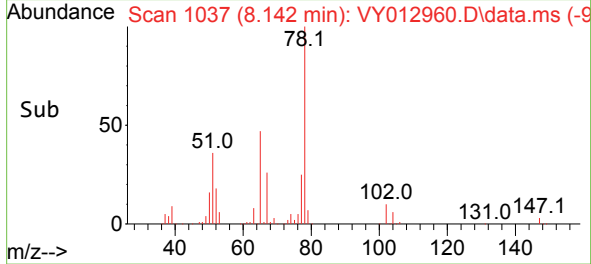
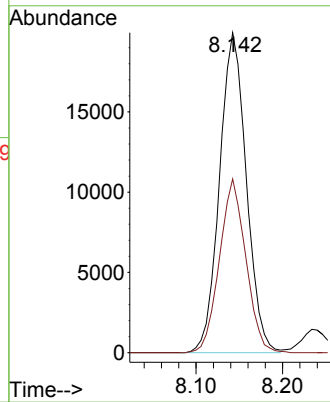
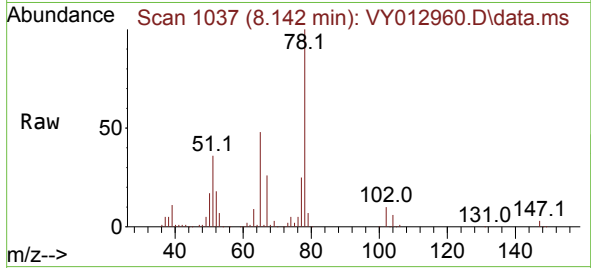




#33
 1,2-Dichloroethane-d4
 Concen: 40.216 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY012960.D
 Acq: 16 Mar 2023 10:27

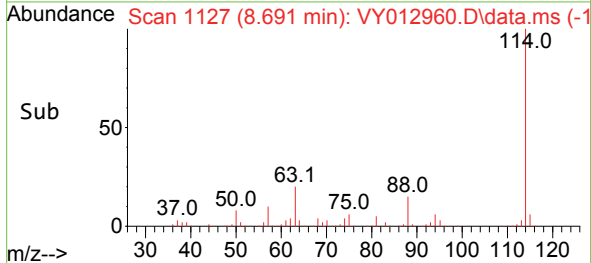
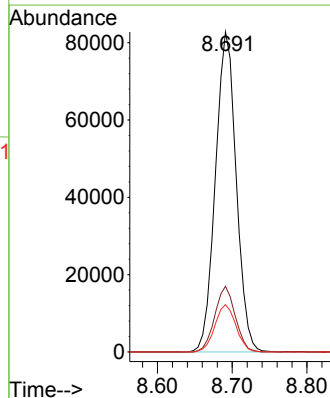
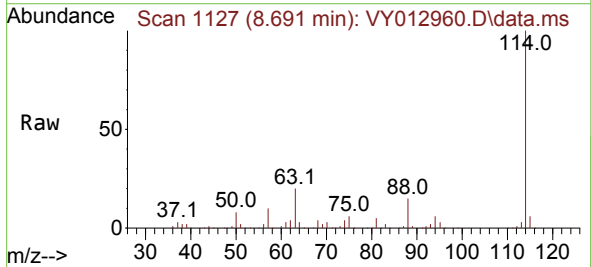
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 42828
 Ion Ratio Lower Upper
 65 100
 67 53.4 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: VY012960.D
 Acq: 16 Mar 2023 10:27

Tgt Ion: 114 Resp: 160033
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 37.4
 88 14.8 0.0 28.6

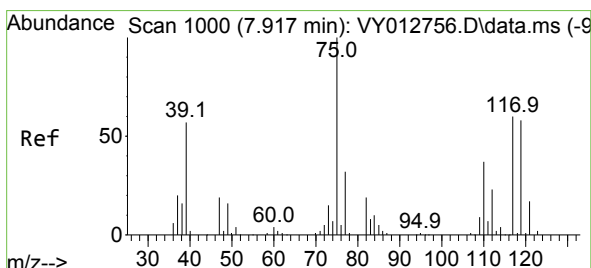
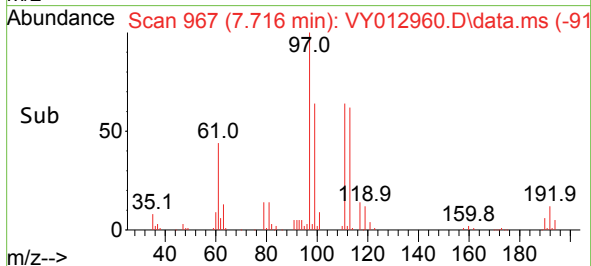
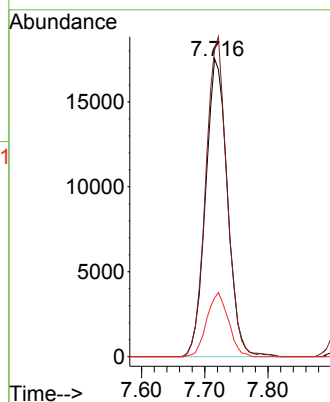
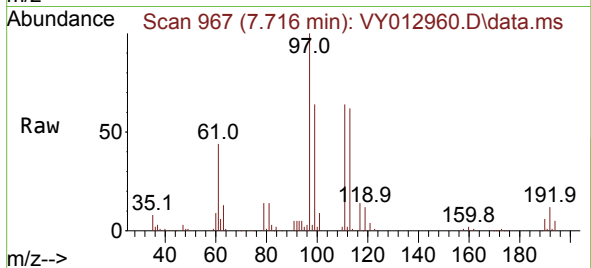




#35
Dibromofluoromethane
Concen: 43.772 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

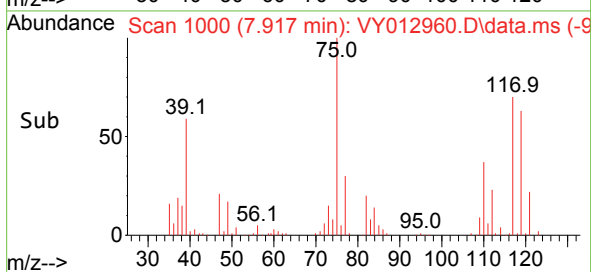
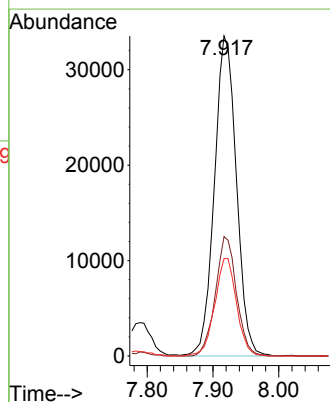
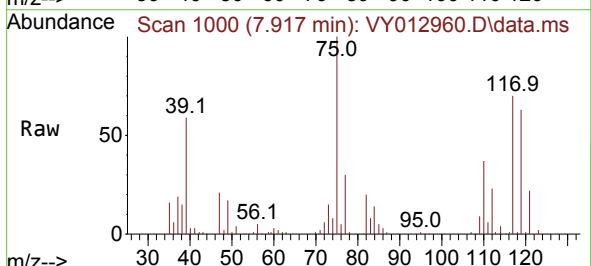
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

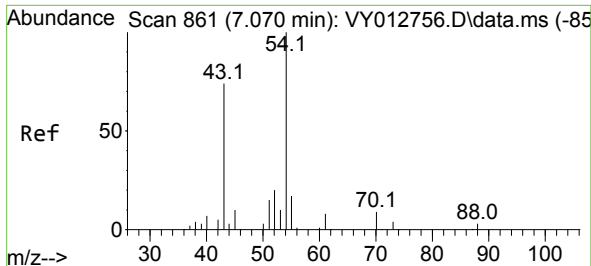
Tgt Ion:113 Resp: 42275
Ion Ratio Lower Upper
113 100
111 104.6 82.2 123.2
192 21.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 48.333 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

Tgt Ion: 75 Resp: 78226
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.3
77 30.1 25.0 37.4





#37

Ethyl Acetate

Concen: 47.958 ug/l

RT: 7.075 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

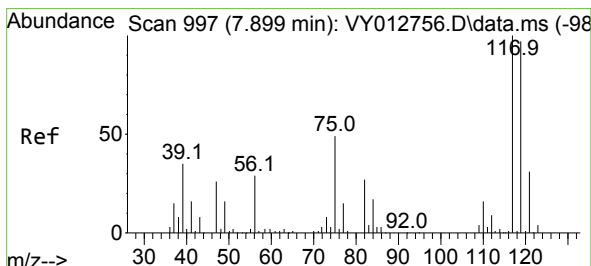
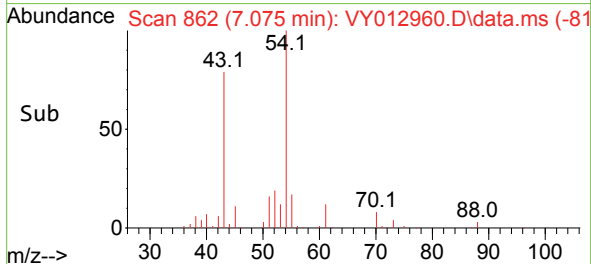
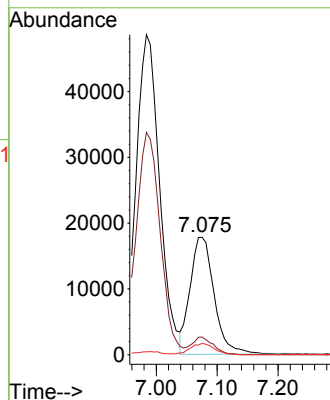
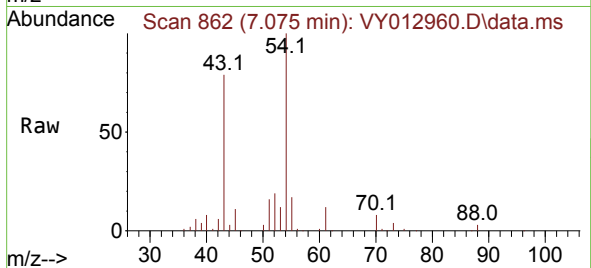
Tgt Ion: 43 Resp: 48922

Ion Ratio Lower Upper

43 100

61 13.6 10.7 16.1

70 9.7 7.8 11.8



#38

Carbon Tetrachloride

Concen: 51.273 ug/l

RT: 7.898 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

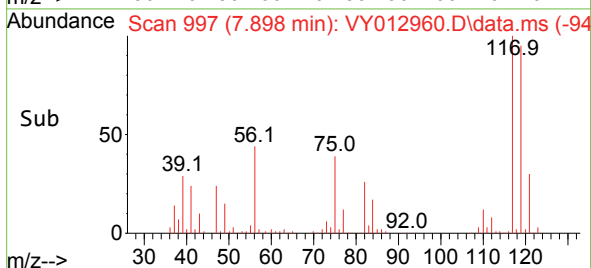
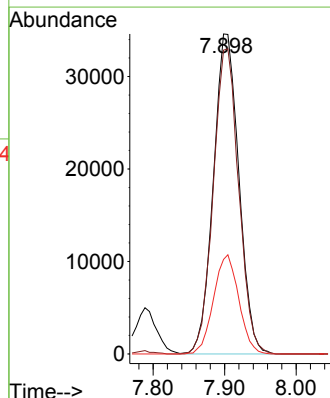
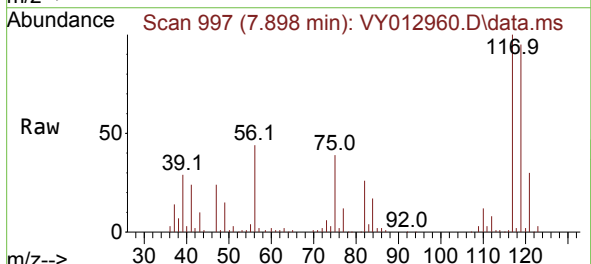
Tgt Ion: 117 Resp: 85694

Ion Ratio Lower Upper

117 100

119 94.9 77.2 115.8

121 29.5 24.7 37.1





#39

Methylcyclohexane

Concen: 46.000 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

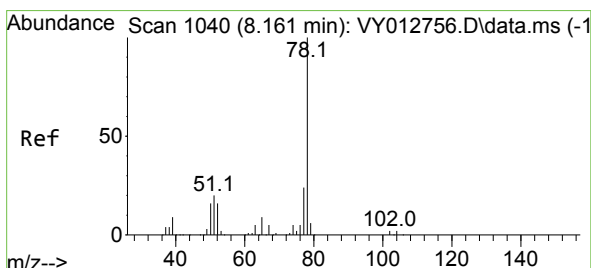
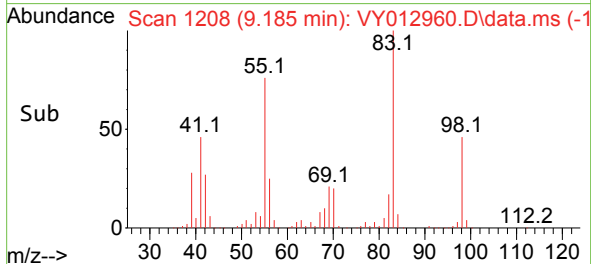
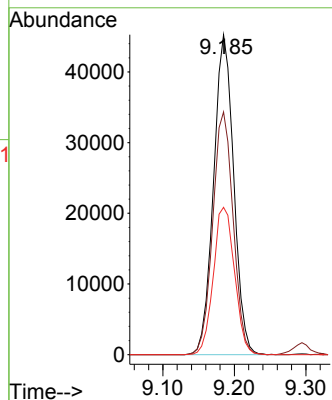
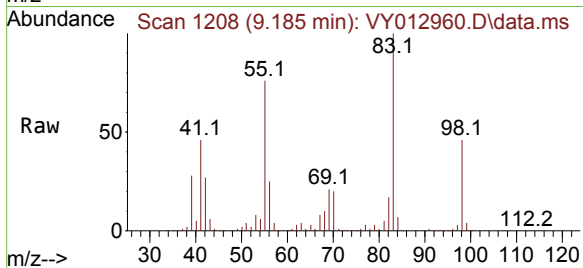
Tgt Ion: 83 Resp: 88510

Ion Ratio Lower Upper

83 100

55 75.9 60.0 90.0

98 46.1 38.3 57.5



#40

Benzene

Concen: 50.428 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012960.D

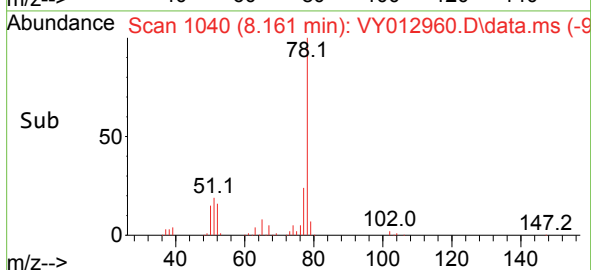
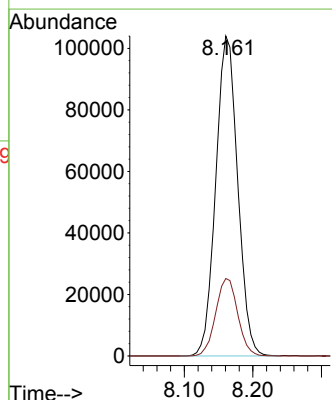
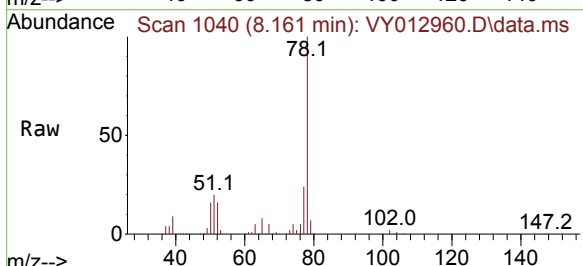
Acq: 16 Mar 2023 10:27

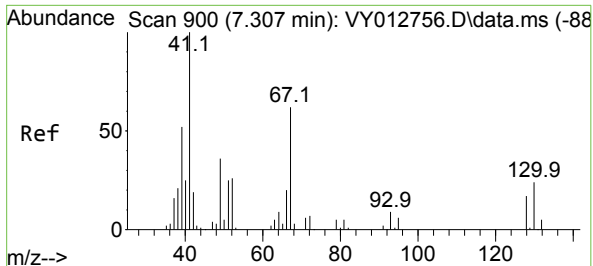
Tgt Ion: 78 Resp: 230868

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0

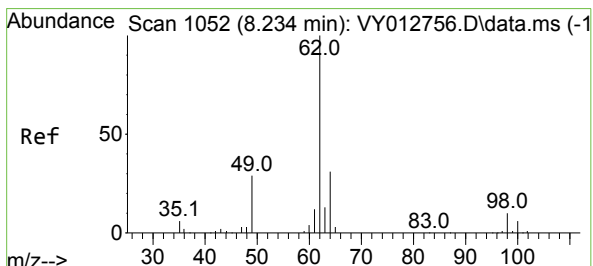
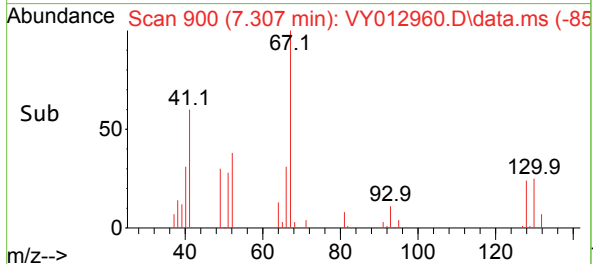
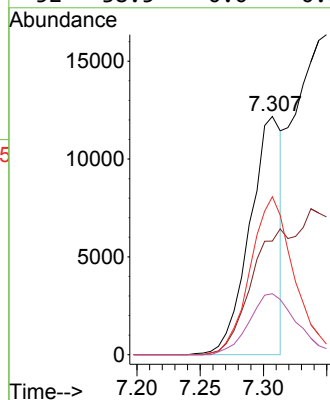
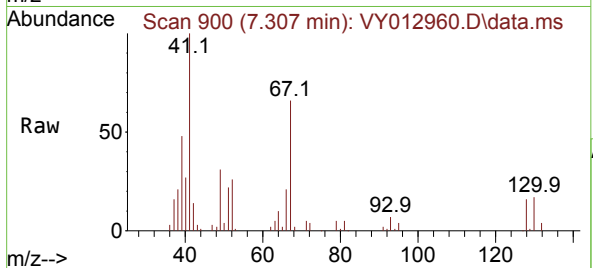




#41
Methacrylonitrile
Concen: 38.888 ug/l
RT: 7.307 min Scan# 900
Delta R.T. -0.000 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

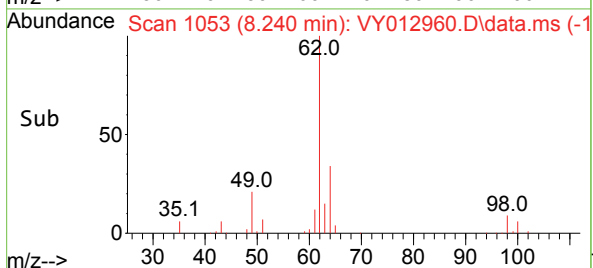
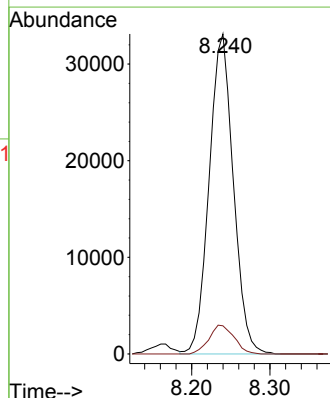
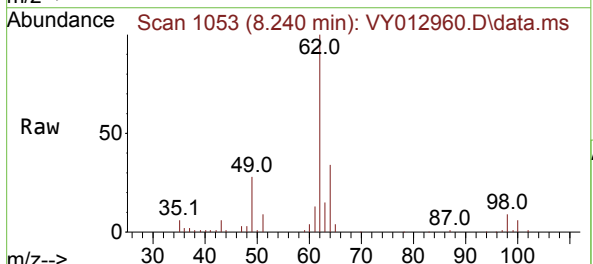
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

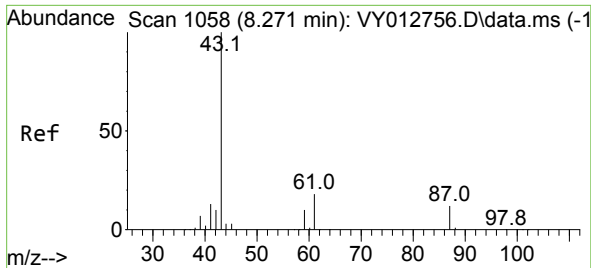
Tgt Ion: 41	Resp: 21373
Ion Ratio	Lower Upper
41 100	
39 62.4	0.0 0.0#
67 91.2	0.0 0.0#
52 38.5	0.0 0.0#



#42
1,2-Dichloroethane
Concen: 51.571 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

Tgt Ion: 62	Resp: 70983
Ion Ratio	Lower Upper
62 100	
98 9.3	0.0 18.8

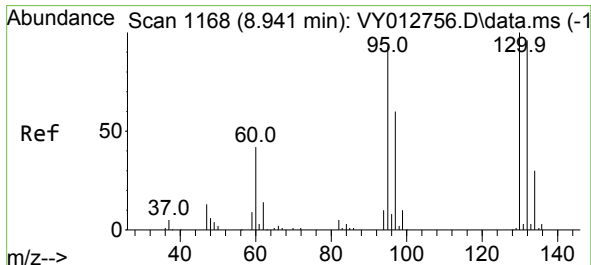
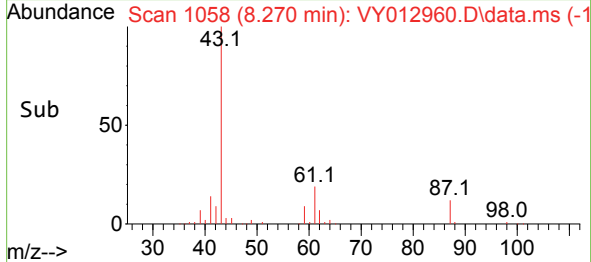
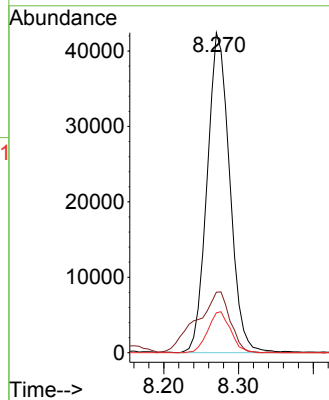
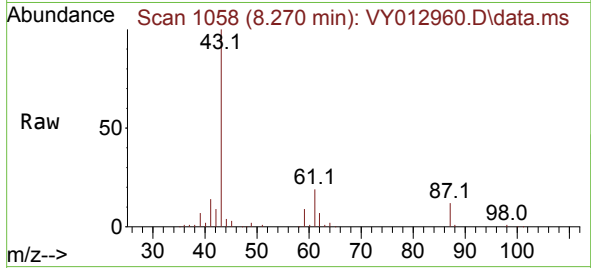




#43
Isopropyl Acetate
Concen: 48.963 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

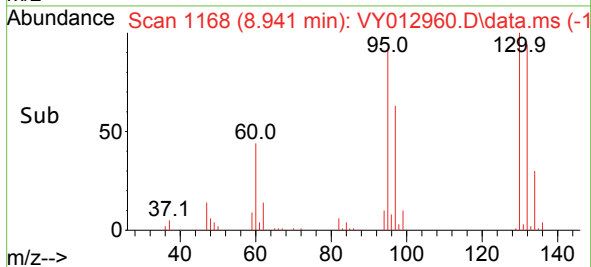
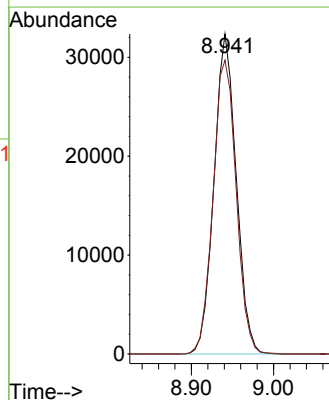
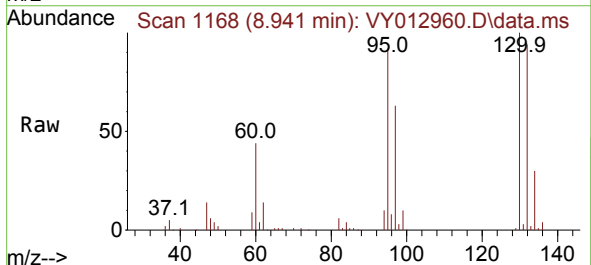
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

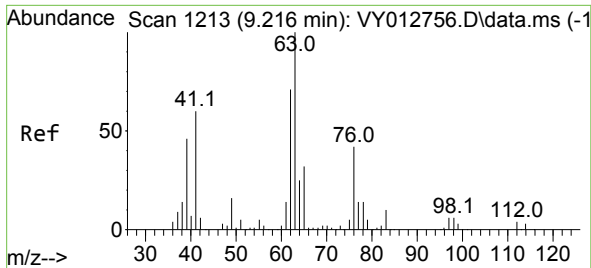
Tgt Ion: 43 Resp: 89111
Ion Ratio Lower Upper
43 100
61 28.1 21.6 32.4
87 12.8 9.9 14.9



#44
Trichloroethene
Concen: 50.292 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

Tgt Ion:130 Resp: 60705
Ion Ratio Lower Upper
130 100
95 91.8 0.0 185.0

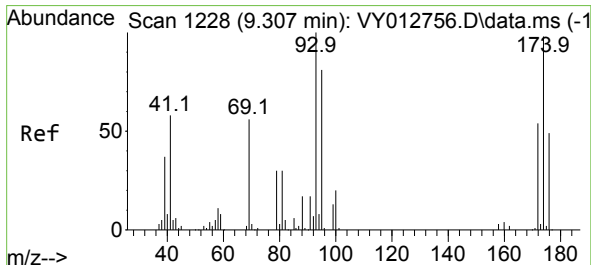
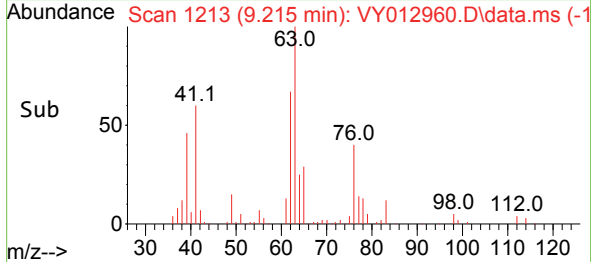
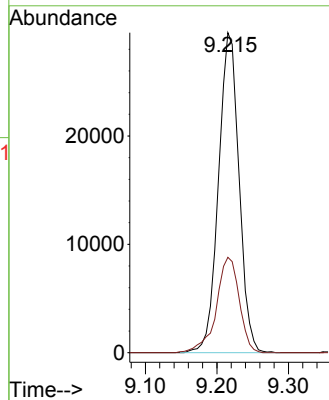
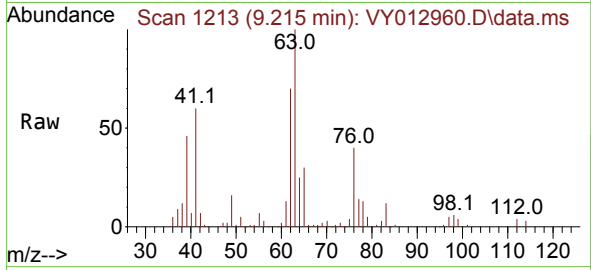




#45
1,2-Dichloropropane
Concen: 50.872 ug/l
RT: 9.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

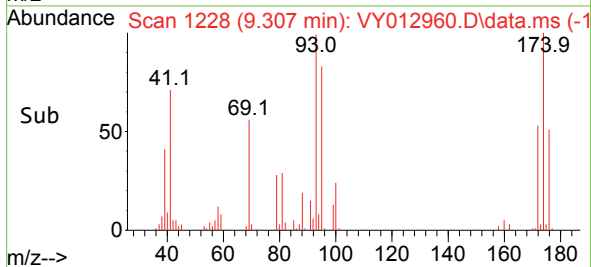
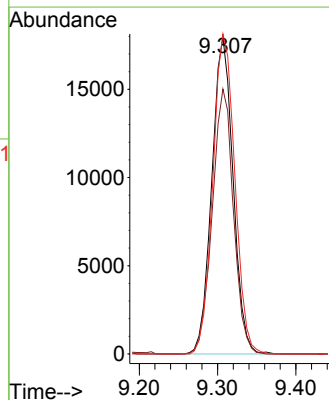
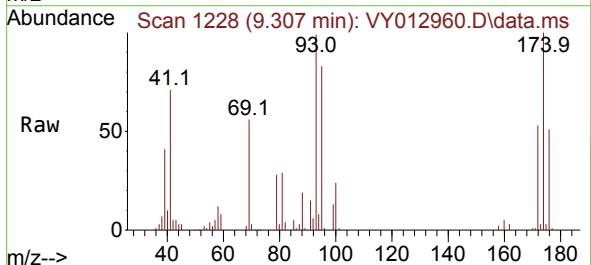
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

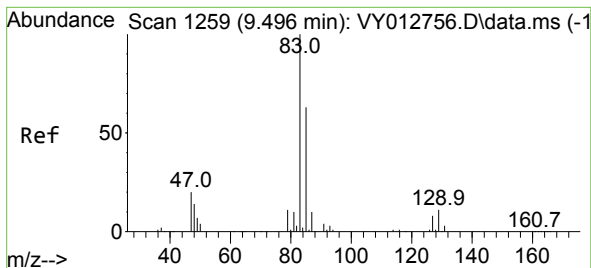
Tgt Ion: 63 Resp: 58860
Ion Ratio Lower Upper
63 100
65 29.8 25.7 38.5



#46
Dibromomethane
Concen: 51.370 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

Tgt Ion: 93 Resp: 33861
Ion Ratio Lower Upper
93 100
95 83.4 65.6 98.4
174 104.4 81.3 121.9





#47

Bromodichloromethane

Concen: 53.296 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

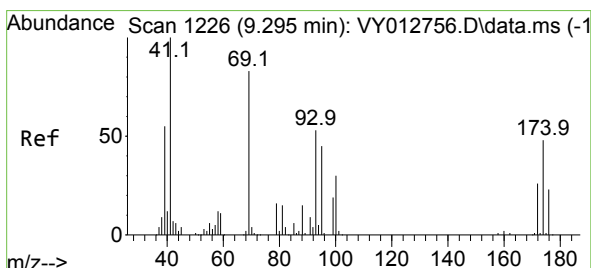
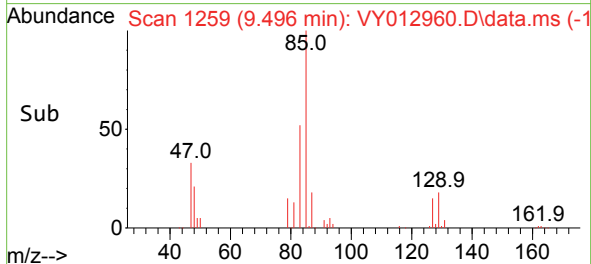
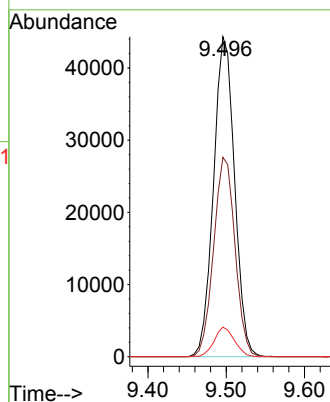
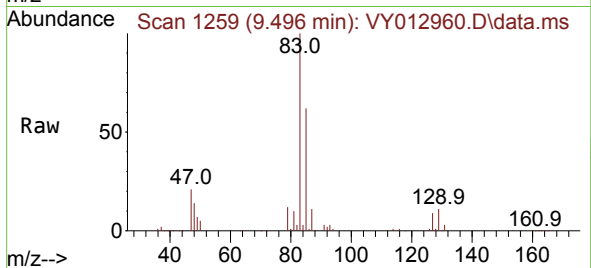
Tgt Ion: 83 Resp: 82787

Ion Ratio Lower Upper

83 100

85 62.3 50.2 75.4

127 9.2 6.3 9.5



#48

Methyl methacrylate

Concen: 50.732 ug/l

RT: 9.294 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

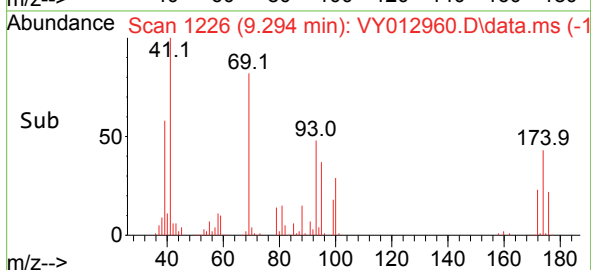
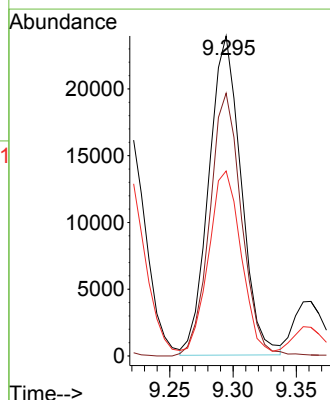
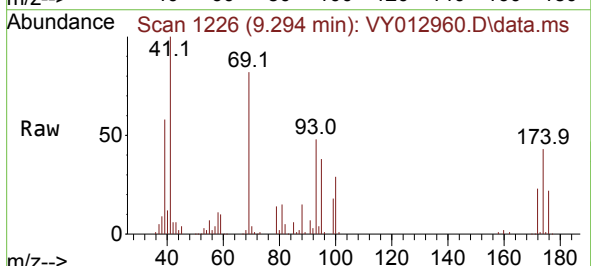
Tgt Ion: 41 Resp: 42544

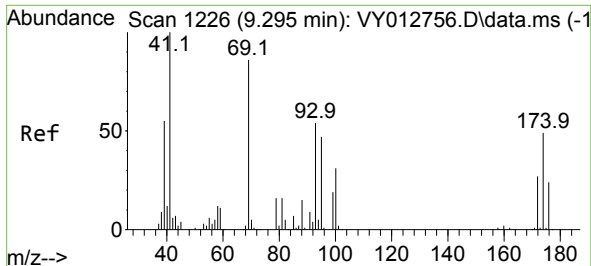
Ion Ratio Lower Upper

41 100

69 81.2 64.1 96.1

39 55.9 44.0 66.0





#49

1,4-Dioxane

Concen: 1085.630 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

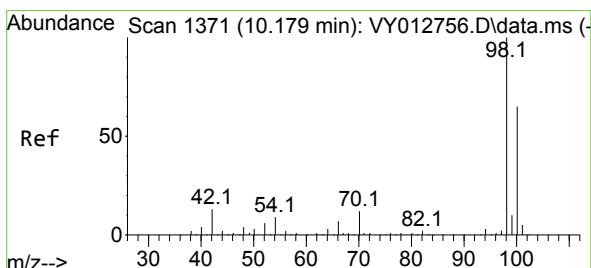
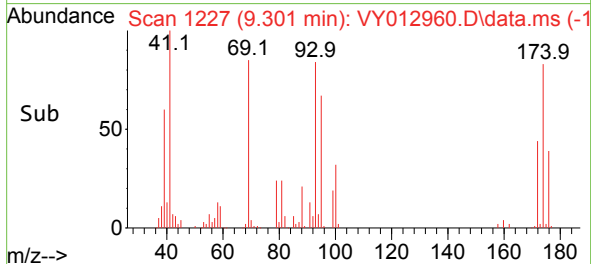
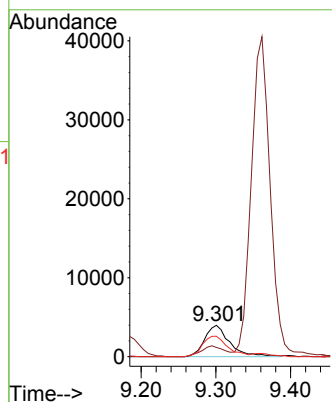
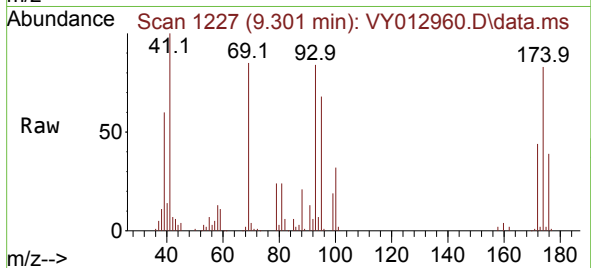
Tgt Ion: 88 Resp: 9251

Ion Ratio Lower Upper

88 100

43 30.9 28.6 42.8

58 65.8 55.2 82.8



#50

Toluene-d8

Concen: 40.428 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012960.D

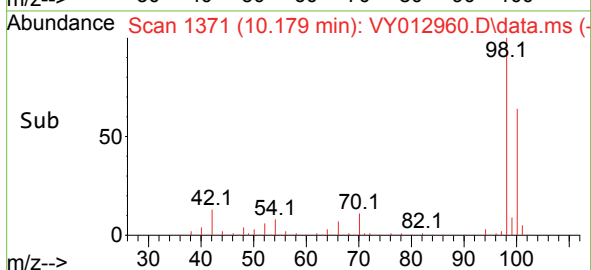
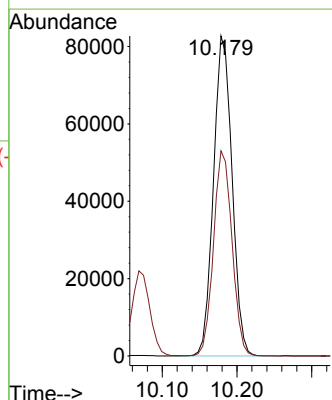
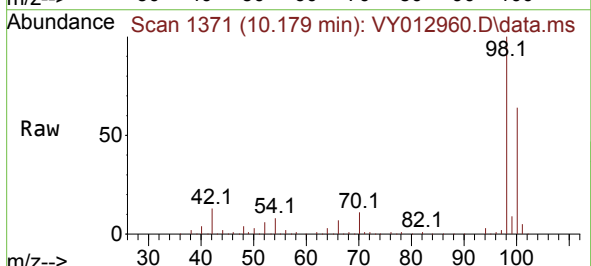
Acq: 16 Mar 2023 10:27

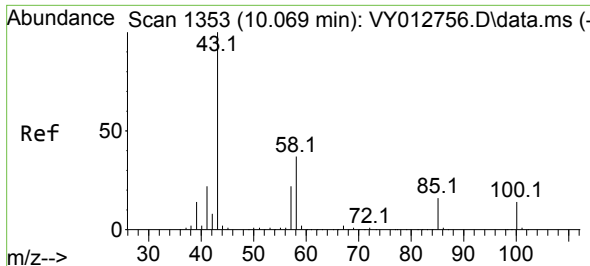
Tgt Ion: 98 Resp: 142743

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 255.052 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

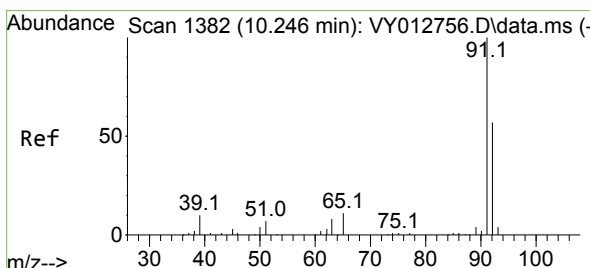
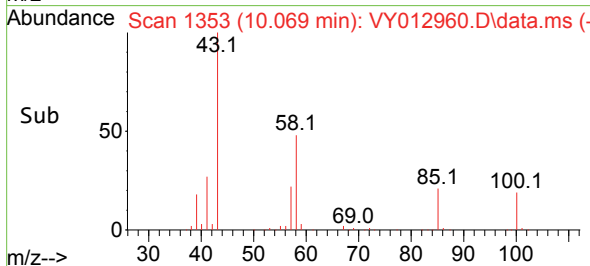
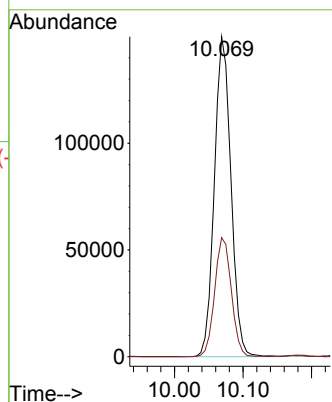
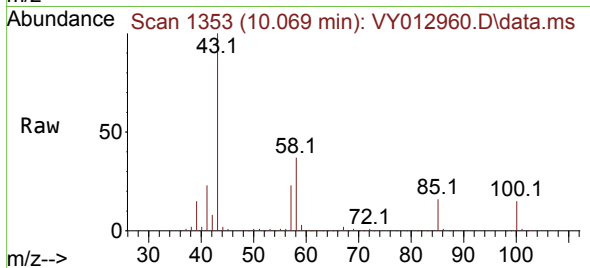
VSTDCCC050

Tgt Ion: 43 Resp: 251792

Ion Ratio Lower Upper

43 100

58 37.4 29.8 44.6



#52

Toluene

Concen: 51.710 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY012960.D

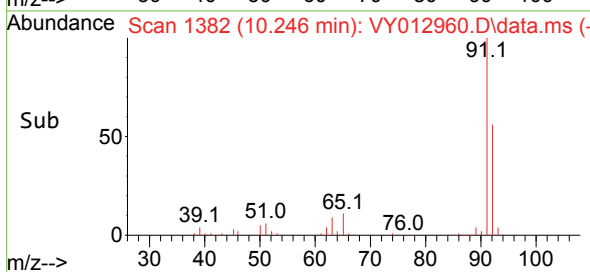
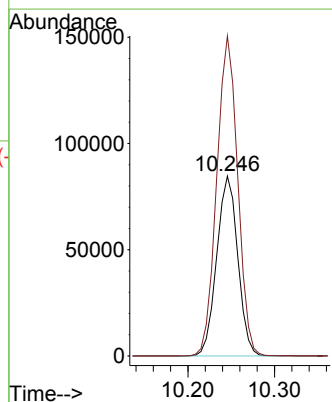
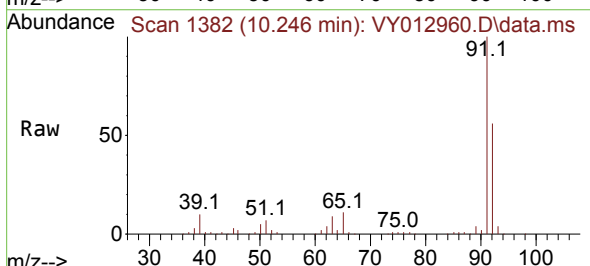
Acq: 16 Mar 2023 10:27

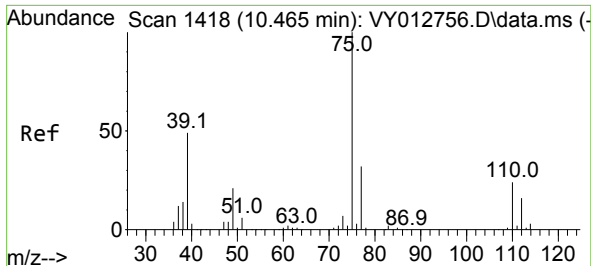
Tgt Ion: 92 Resp: 142772

Ion Ratio Lower Upper

92 100

91 177.7 141.3 211.9

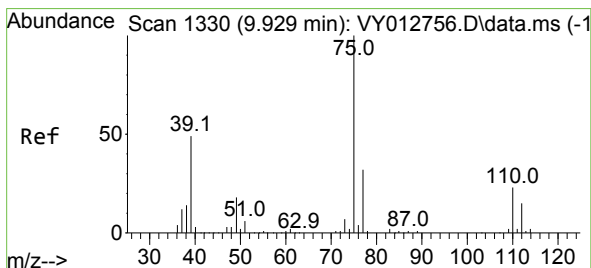
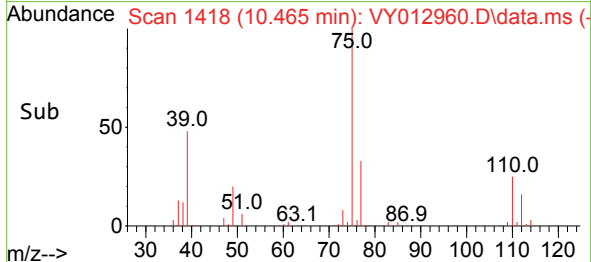
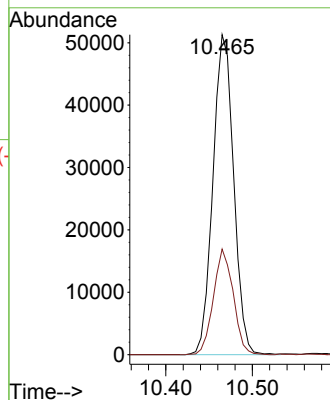
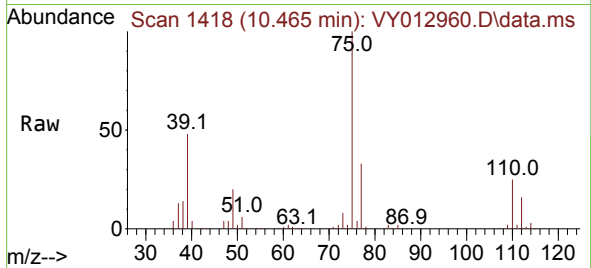




#53
t-1,3-Dichloropropene
Concen: 52.341 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

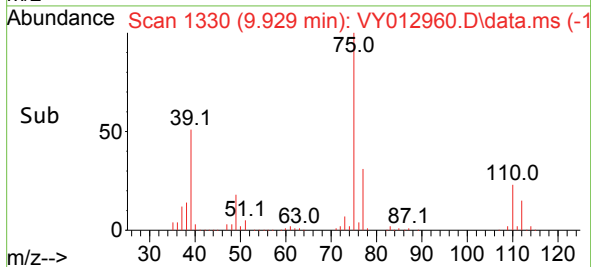
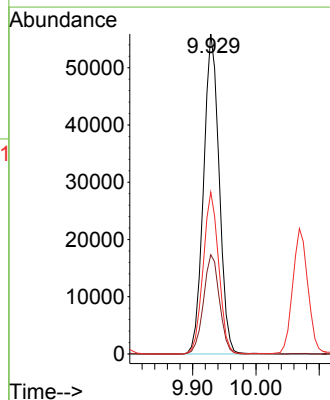
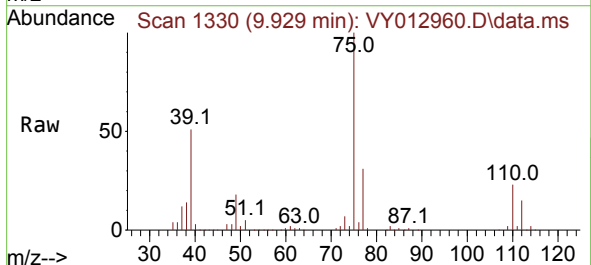
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

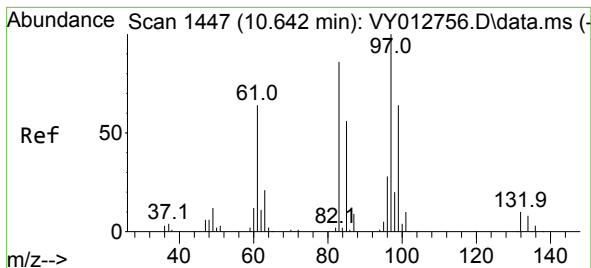
Tgt Ion: 75 Resp: 85280
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 52.041 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

Tgt Ion: 75 Resp: 95971
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.0
39 50.6 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 51.206 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 47006

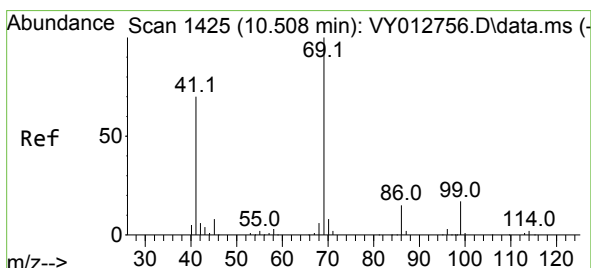
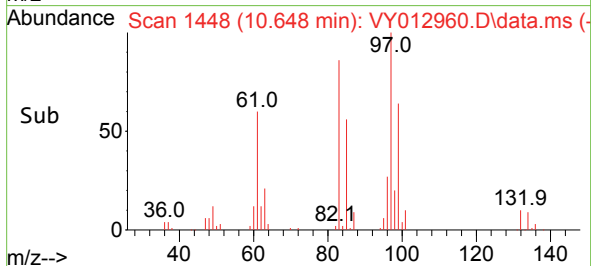
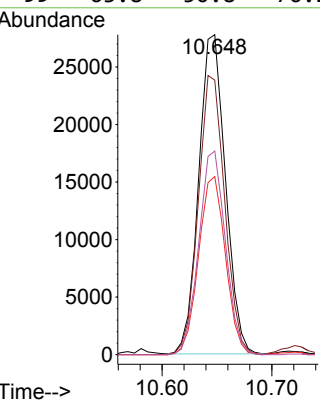
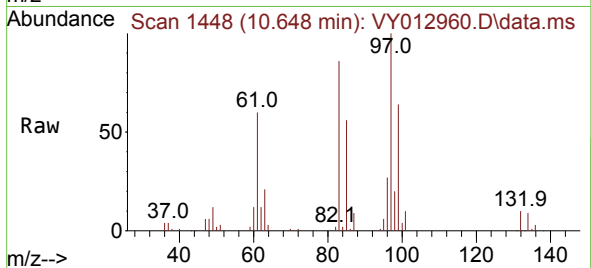
Ion Ratio Lower Upper

97 100

83 86.0 69.0 103.6

85 55.8 44.9 67.3

99 63.8 50.8 76.2



#56

Ethyl methacrylate

Concen: 52.655 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

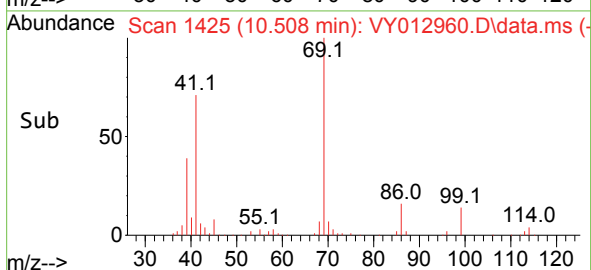
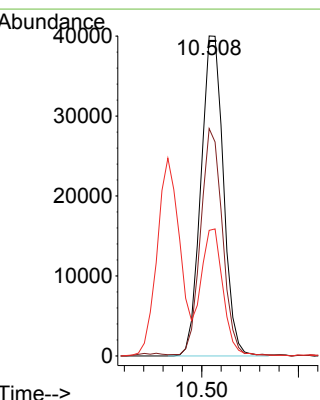
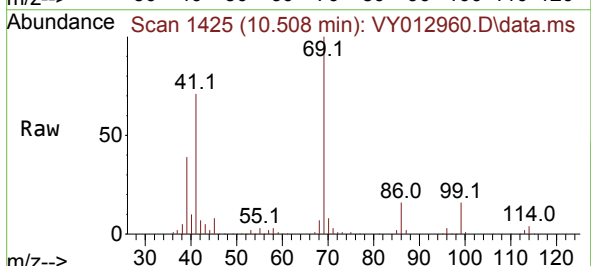
Tgt Ion: 69 Resp: 64451

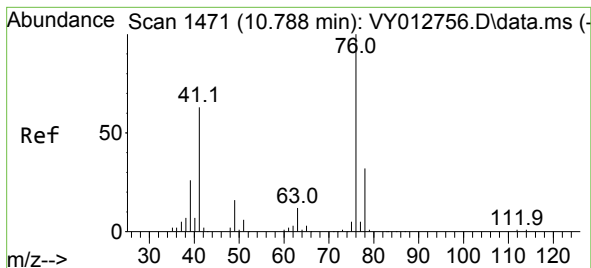
Ion Ratio Lower Upper

69 100

41 69.6 56.4 84.6

39 39.0 30.8 46.2





#57

1,3-Dichloropropane

Concen: 51.797 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

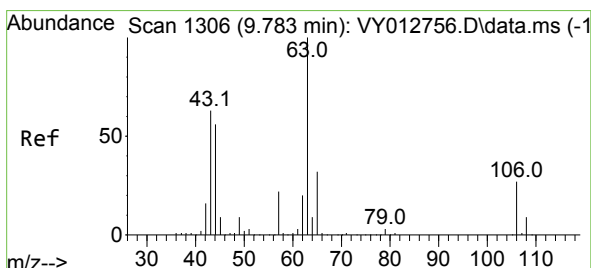
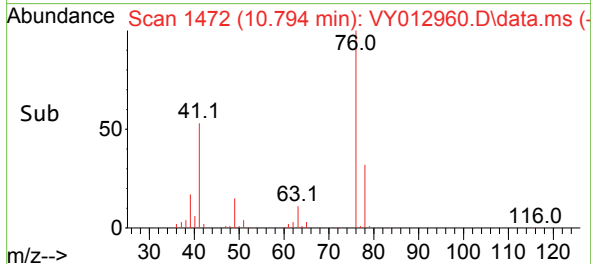
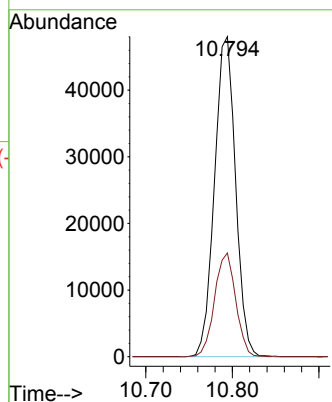
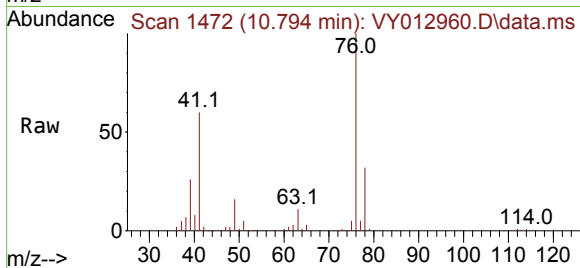
VSTDCCC050

Tgt Ion: 76 Resp: 80987

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 265.183 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012960.D

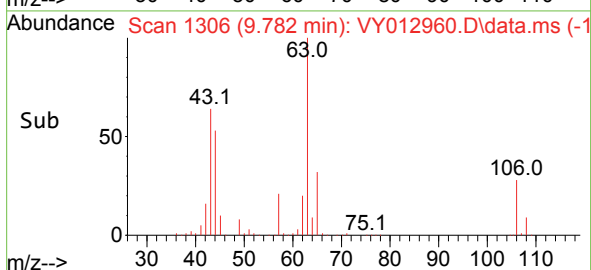
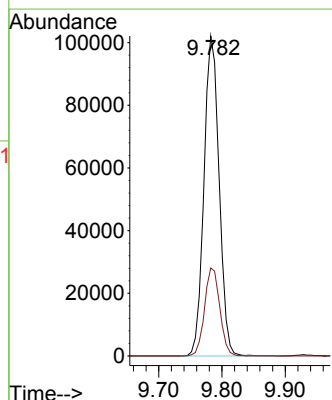
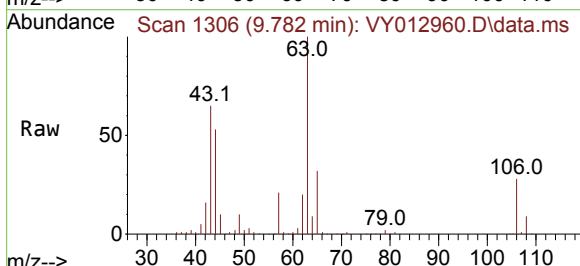
Acq: 16 Mar 2023 10:27

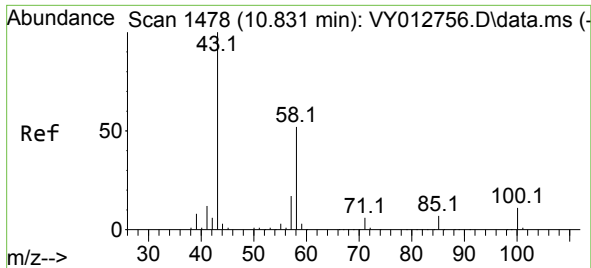
Tgt Ion: 63 Resp: 170397

Ion Ratio Lower Upper

63 100

106 27.6 22.1 33.1

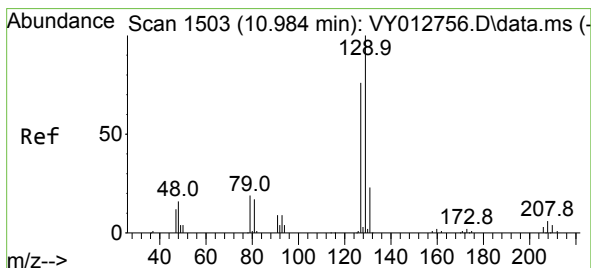
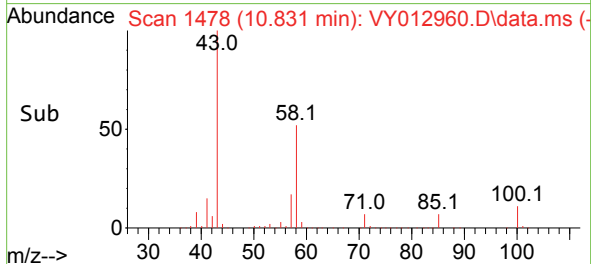
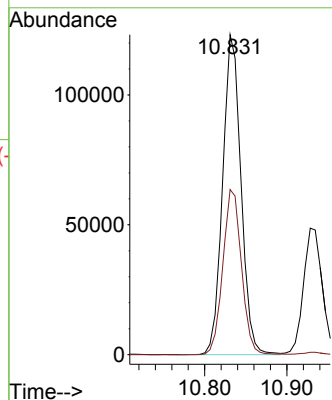
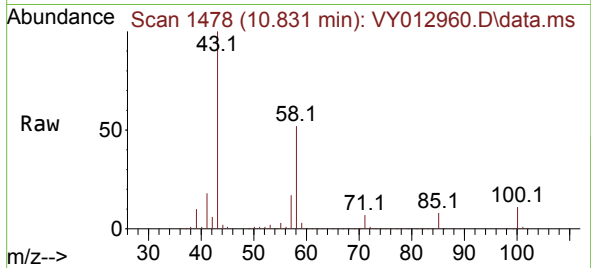




#59
2-Hexanone
Concen: 266.529 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

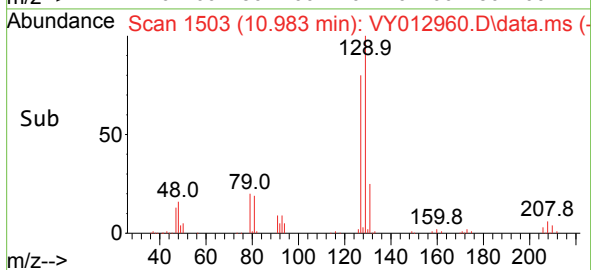
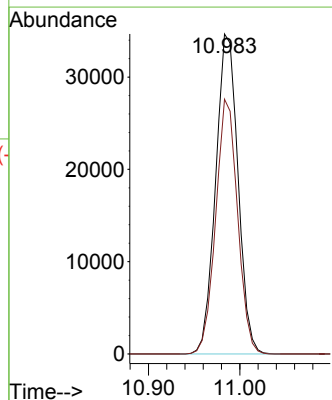
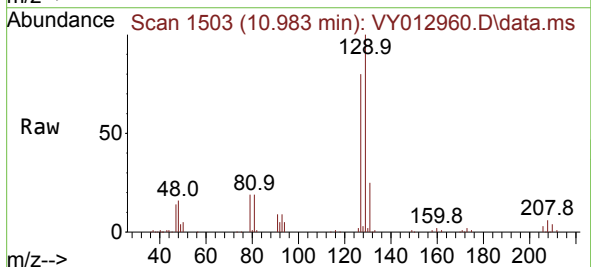
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

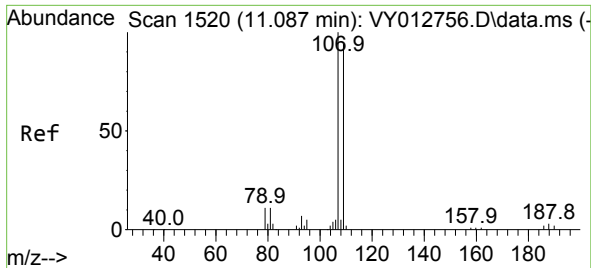
Tgt Ion: 43 Resp: 191233
Ion Ratio Lower Upper
43 100
58 52.5 25.9 77.8



#60
Dibromochloromethane
Concen: 52.688 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

Tgt Ion: 129 Resp: 58876
Ion Ratio Lower Upper
129 100
127 78.0 38.7 116.1

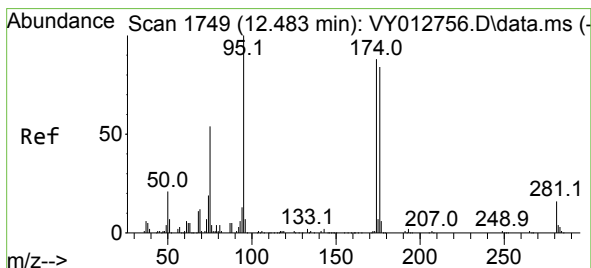
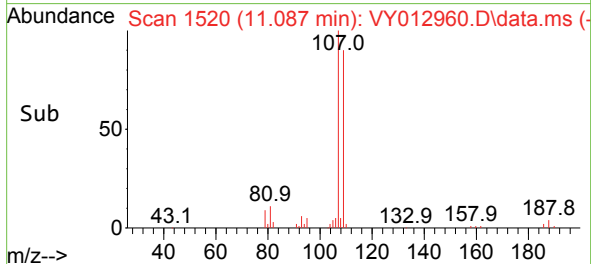
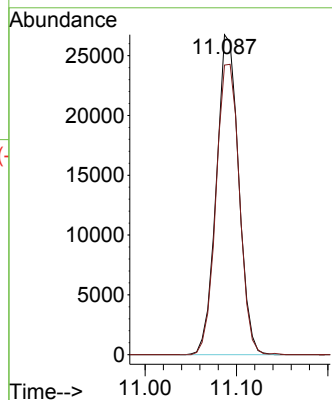
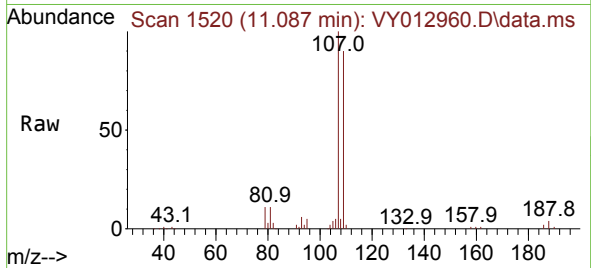




#61
1,2-Dibromoethane
Concen: 51.298 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

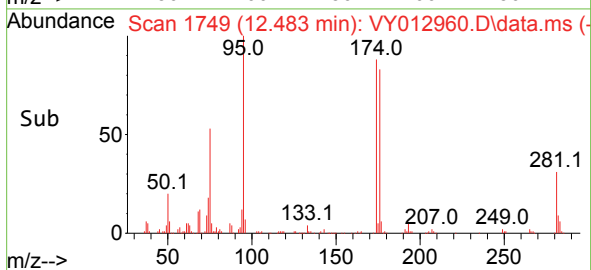
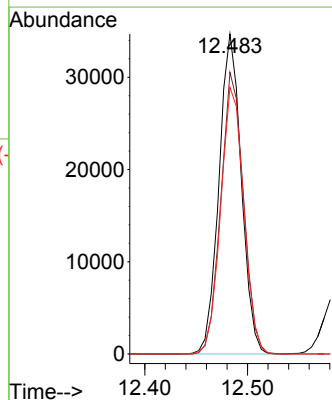
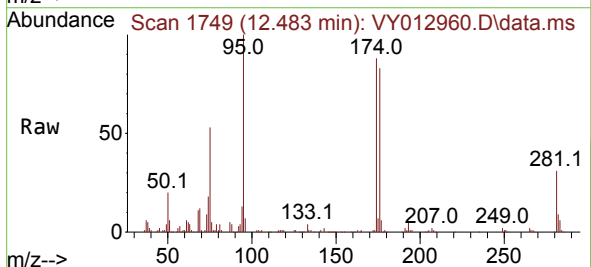
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

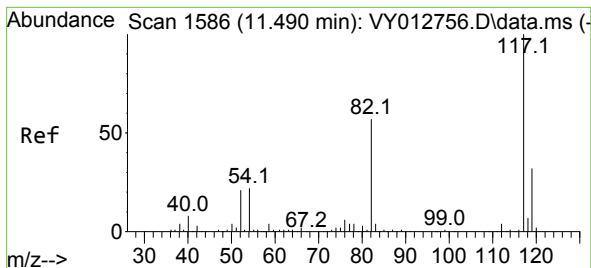
Tgt Ion:107 Resp: 45362
Ion Ratio Lower Upper
107 100
109 94.9 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 43.827 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

Tgt Ion: 95 Resp: 52229
Ion Ratio Lower Upper
95 100
174 89.3 0.0 176.6
176 85.9 0.0 170.2

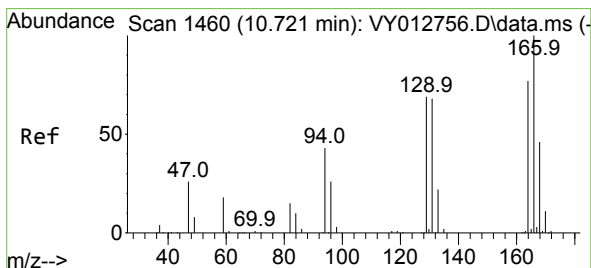
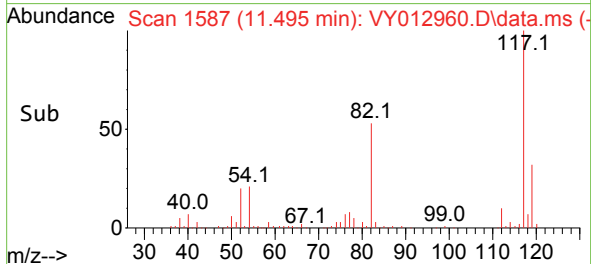
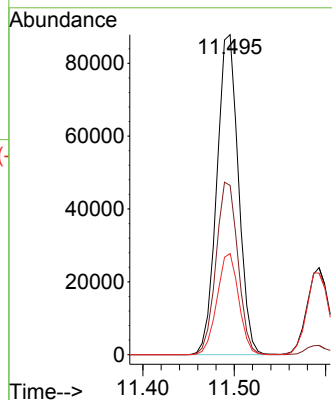
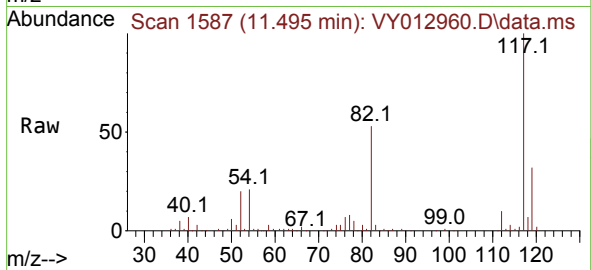




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

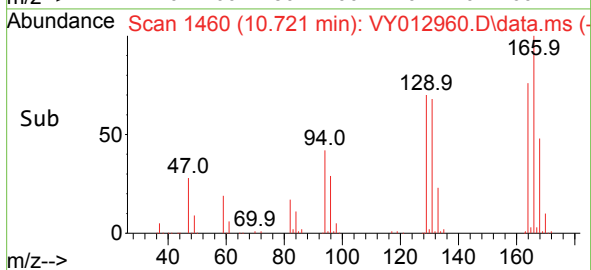
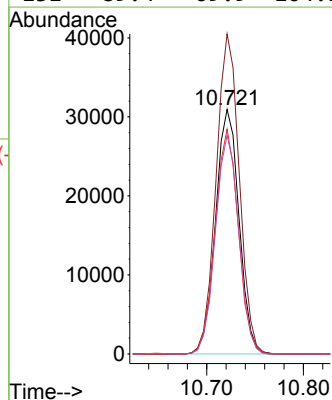
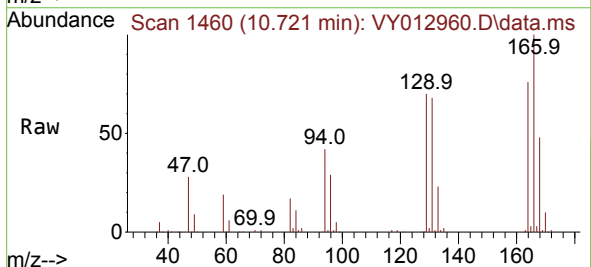
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

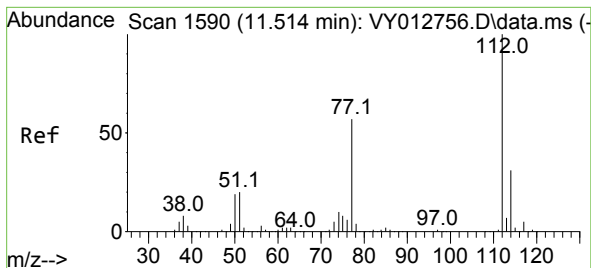
Tgt Ion:117 Resp: 144398
Ion Ratio Lower Upper
117 100
82 52.9 45.4 68.0
119 31.6 25.6 38.4



#64
Tetrachloroethene
Concen: 49.466 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

Tgt Ion:164 Resp: 52005
Ion Ratio Lower Upper
164 100
166 130.9 103.4 155.2
129 91.9 71.4 107.2
131 89.4 69.9 104.9





#65

Chlorobenzene

Concen: 50.305 ug/l

RT: 11.520 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

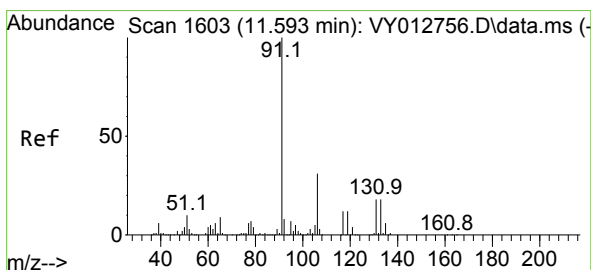
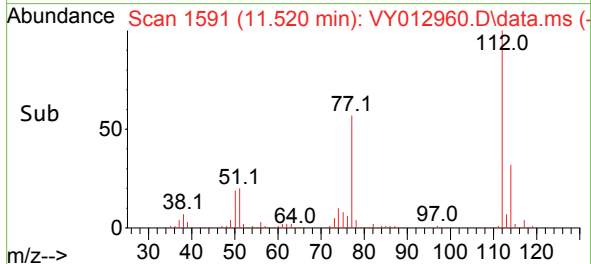
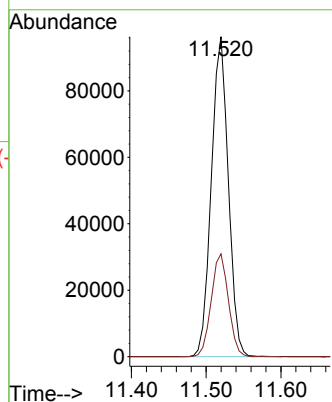
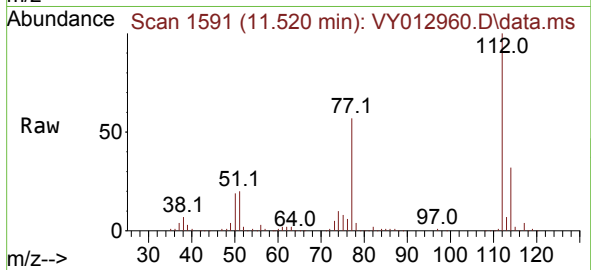
VSTDCCC050

Tgt Ion:112 Resp: 152452

Ion Ratio Lower Upper

112 100

114 32.1 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 52.963 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

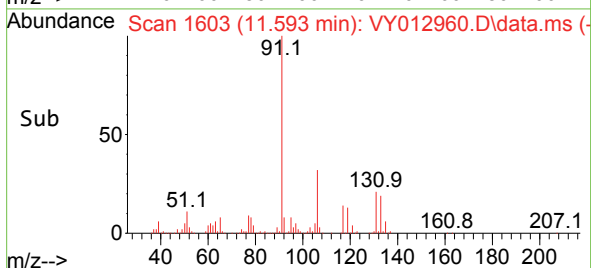
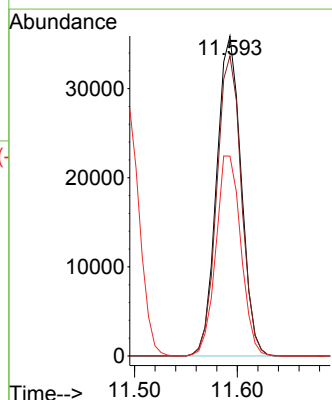
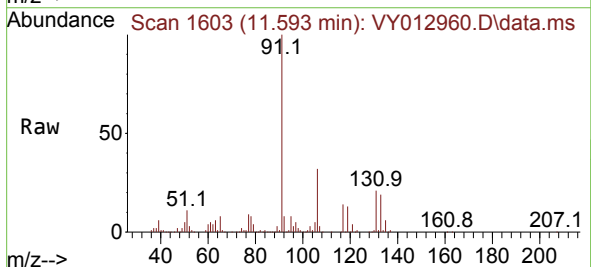
Tgt Ion:131 Resp: 59393

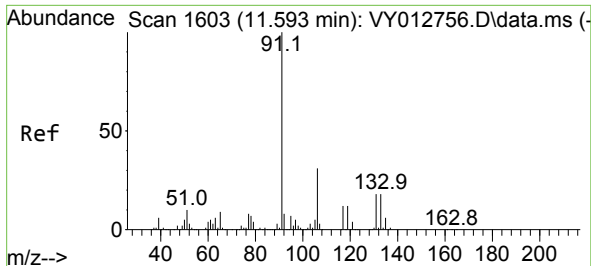
Ion Ratio Lower Upper

131 100

133 94.3 48.0 144.0

119 64.0 32.6 98.0





#67

Ethyl Benzene

Concen: 51.320 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

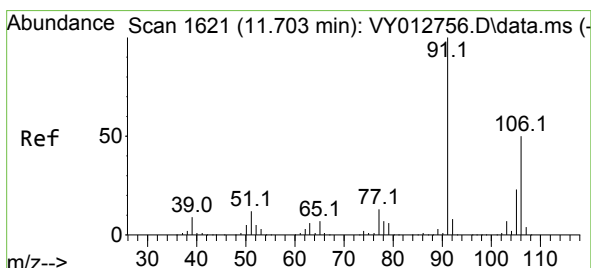
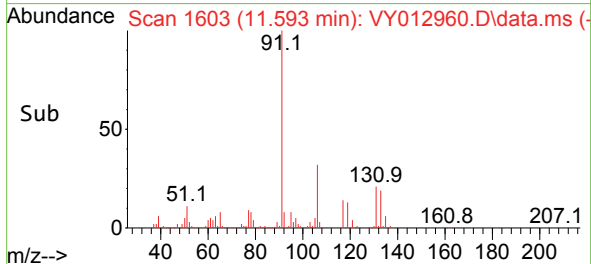
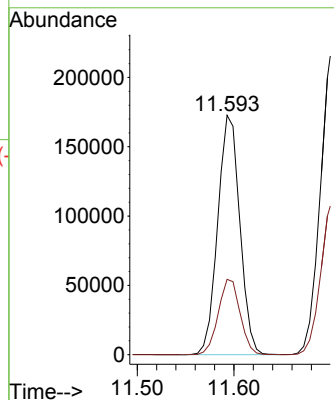
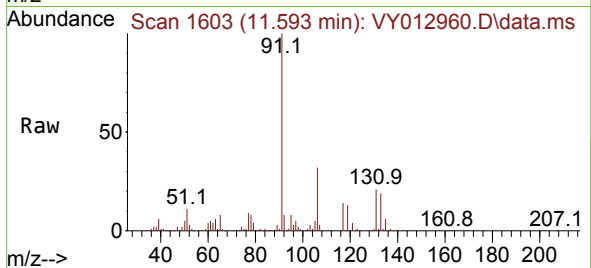
VSTDCCC050

Tgt Ion: 91 Resp: 273442

Ion Ratio Lower Upper

91 100

106 31.5 25.1 37.7



#68

m/p-Xylenes

Concen: 103.512 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012960.D

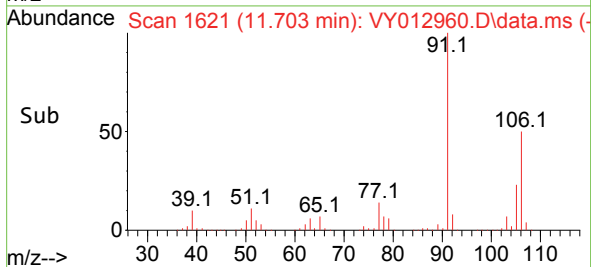
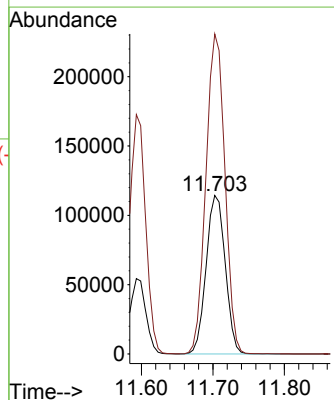
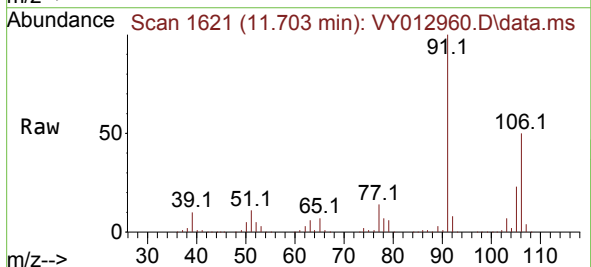
Acq: 16 Mar 2023 10:27

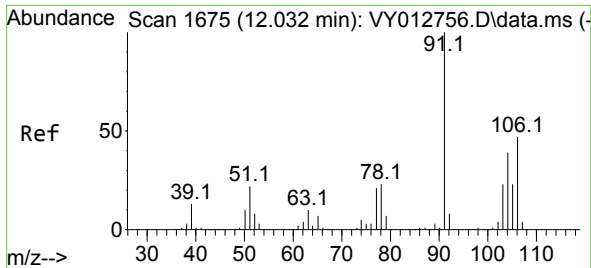
Tgt Ion: 106 Resp: 212172

Ion Ratio Lower Upper

106 100

91 201.0 159.8 239.8

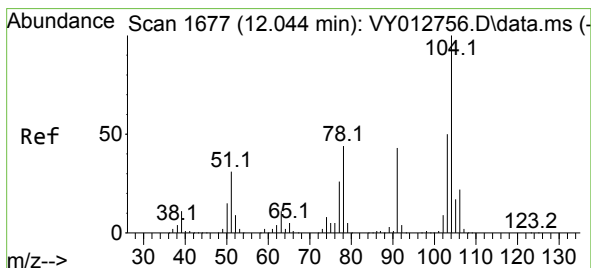
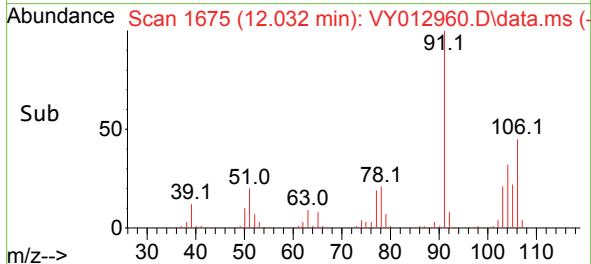
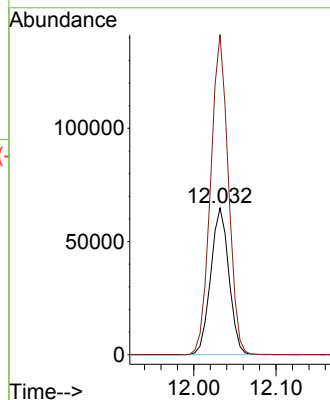
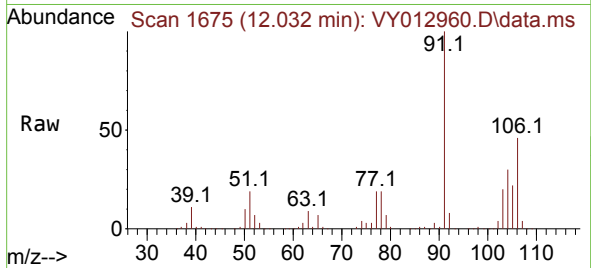




#69
o-Xylene
Concen: 52.022 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

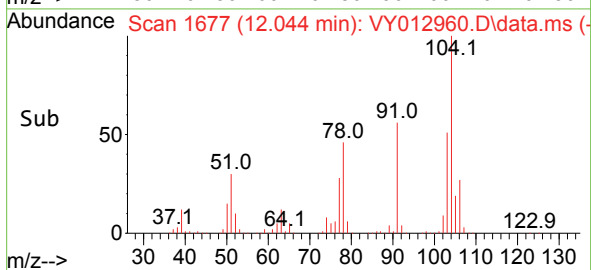
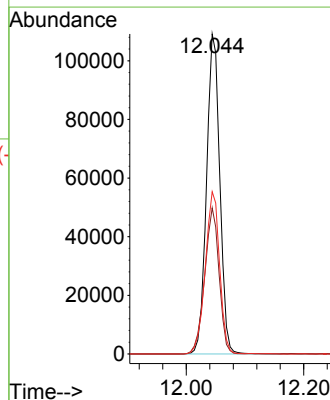
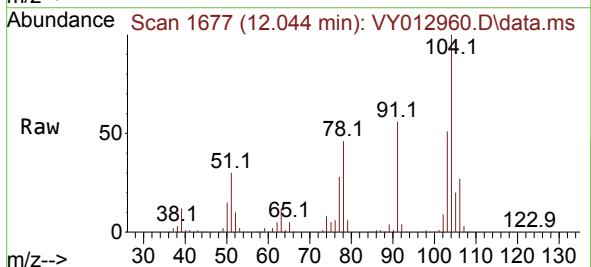
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

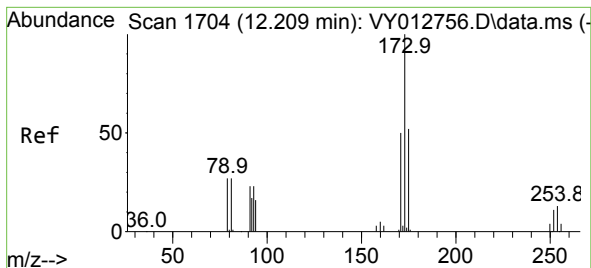
Tgt Ion:106 Resp: 99517
Ion Ratio Lower Upper
106 100
91 212.8 107.2 321.6



#70
Styrene
Concen: 53.647 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

Tgt Ion:104 Resp: 171262
Ion Ratio Lower Upper
104 100
78 49.2 39.2 58.8
103 54.6 43.7 65.5





#71

Bromoform

Concen: 52.236 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

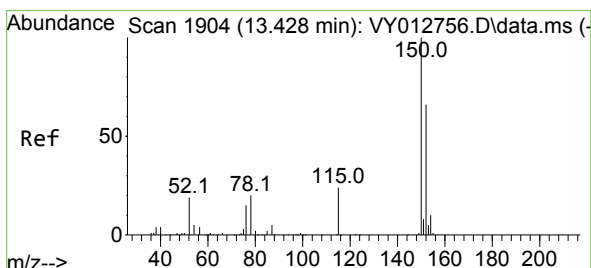
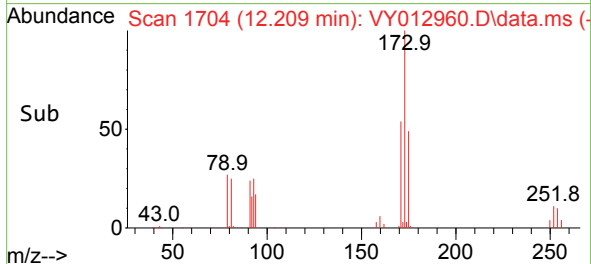
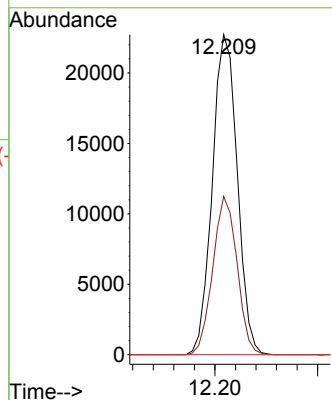
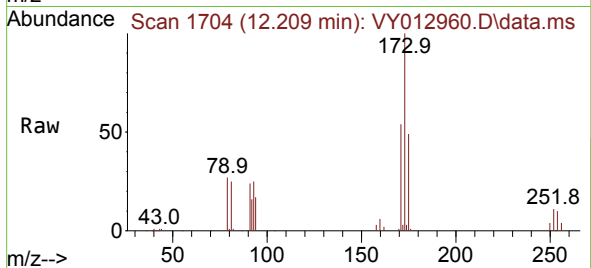
Tgt Ion:173 Resp: 38193

Ion Ratio Lower Upper

173 100

175 48.2 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: VY012960.D

Acq: 16 Mar 2023 10:27

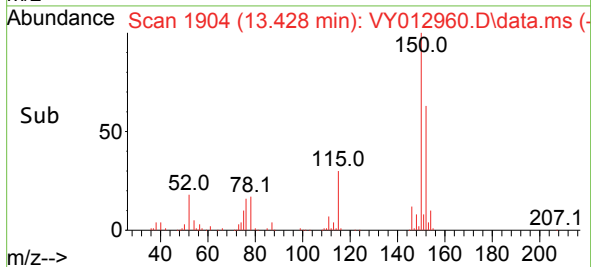
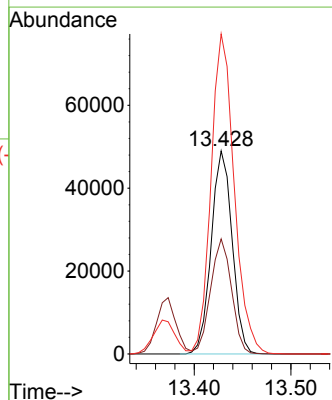
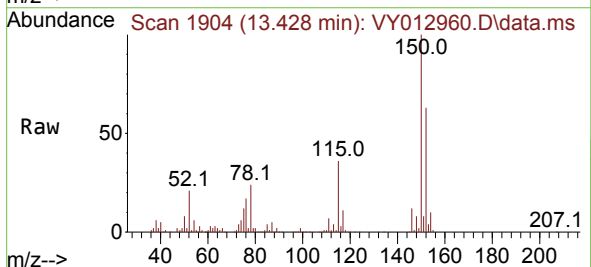
Tgt Ion:152 Resp: 73808

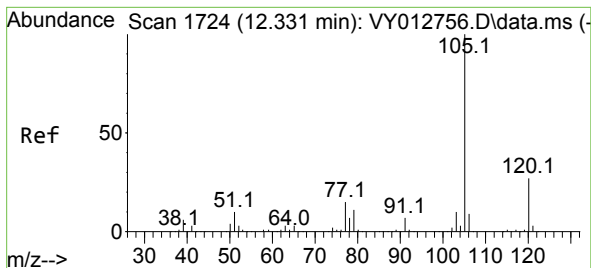
Ion Ratio Lower Upper

152 100

115 56.6 27.1 81.3

150 174.5 0.0 347.8





#73

Isopropylbenzene

Concen: 50.936 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

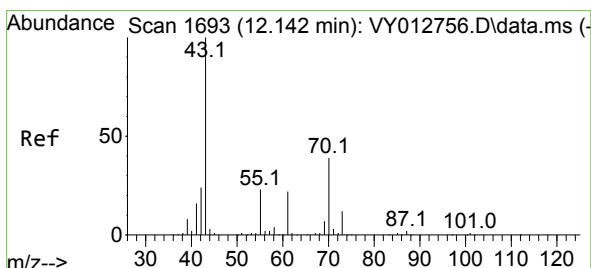
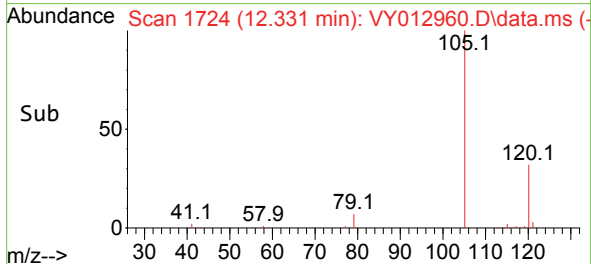
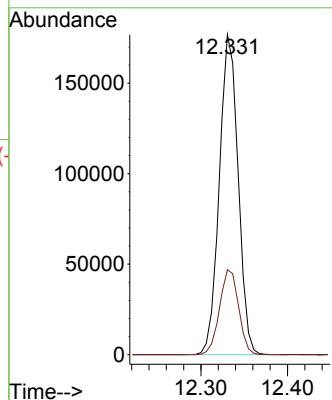
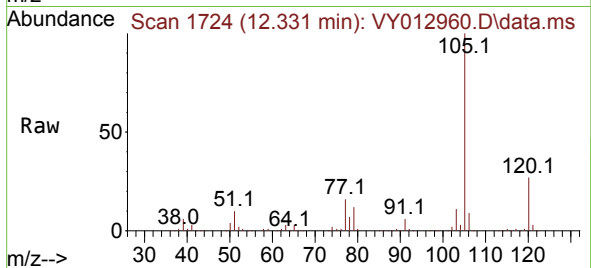
VSTDCCC050

Tgt Ion:105 Resp: 266439

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 47.872 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Tgt Ion: 43 Resp: 78788

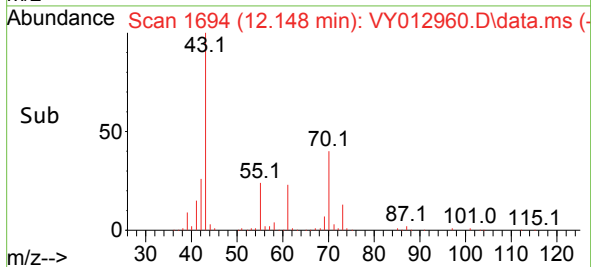
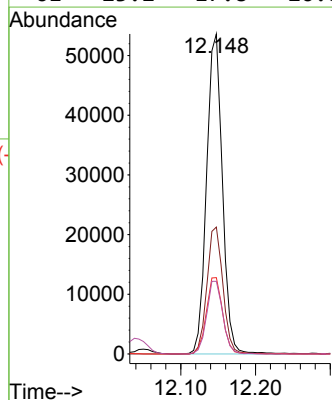
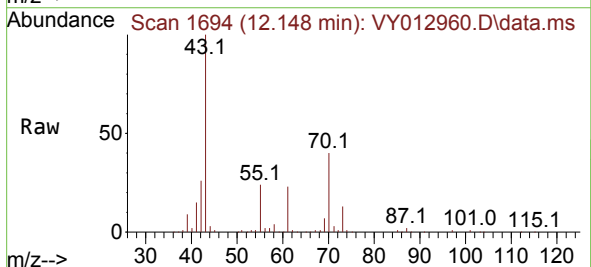
Ion Ratio Lower Upper

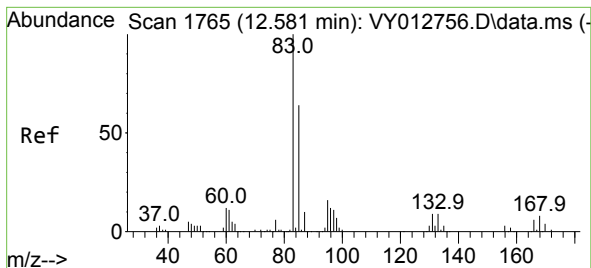
43 100

70 40.2 31.6 47.4

55 24.7 18.8 28.2

61 23.2 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.634 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

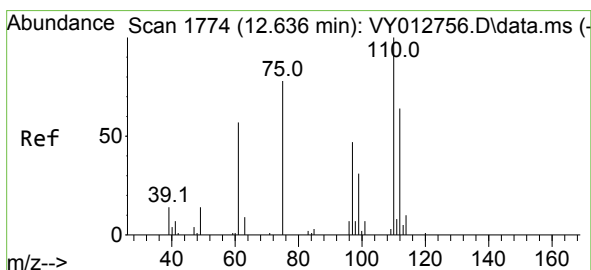
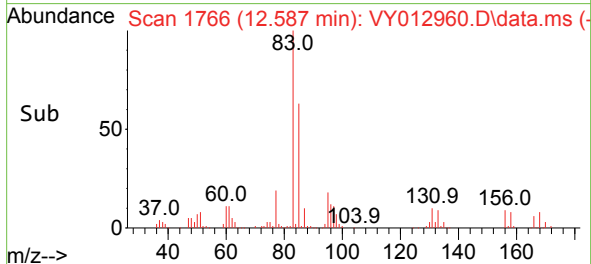
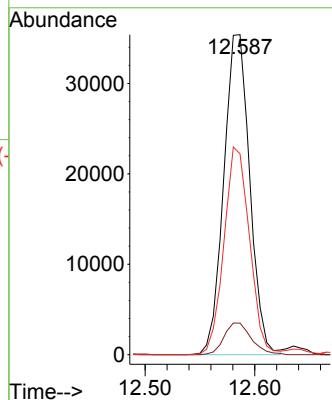
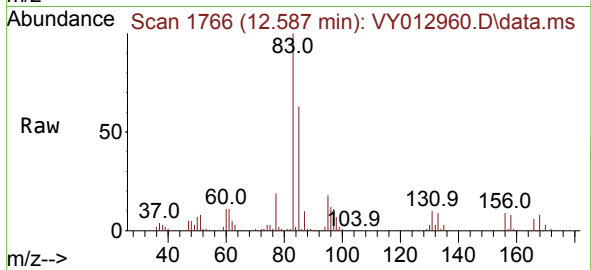
Tgt Ion: 83 Resp: 58363

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.2

85 63.9 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 85.440 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY012960.D

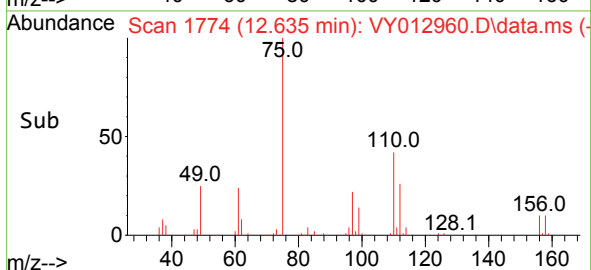
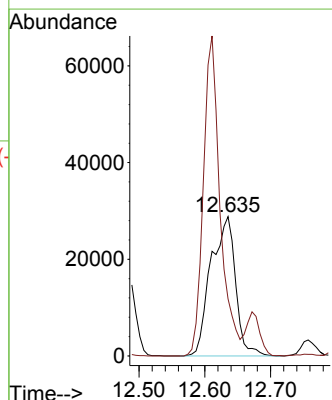
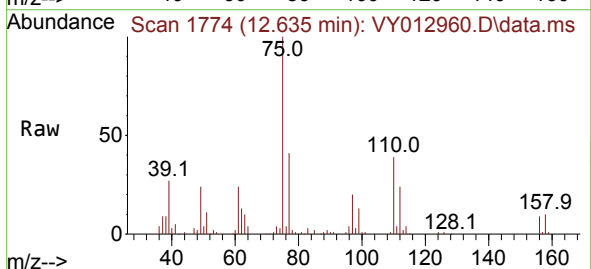
Acq: 16 Mar 2023 10:27

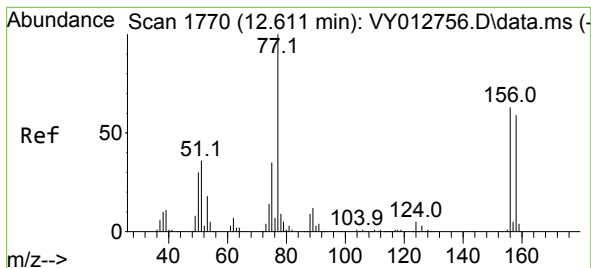
Tgt Ion: 75 Resp: 75306

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.908 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

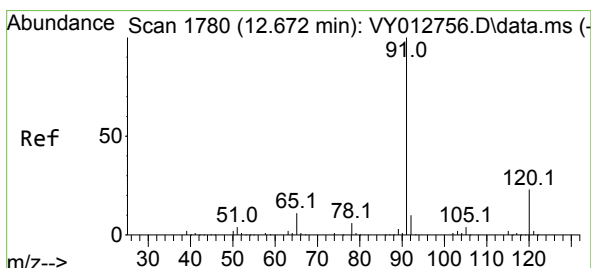
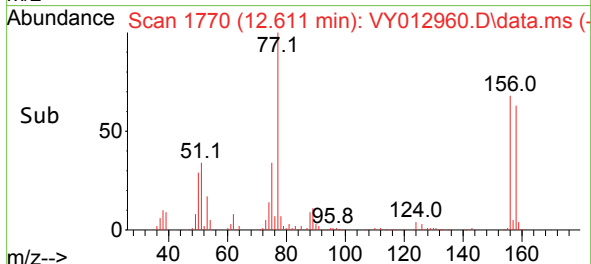
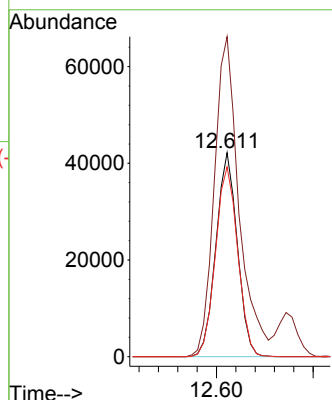
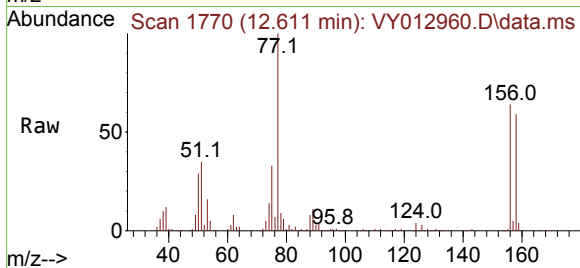
Tgt Ion:156 Resp: 64691

Ion Ratio Lower Upper

156 100

77 181.4 94.0 282.1

158 96.7 48.1 144.4



#78

n-propylbenzene

Concen: 50.508 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012960.D

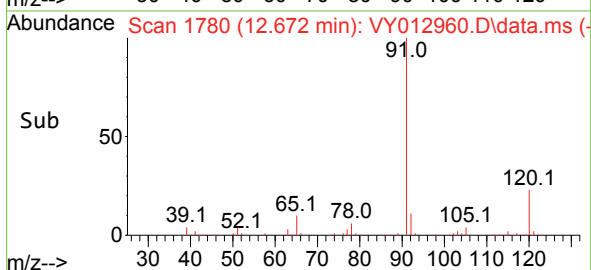
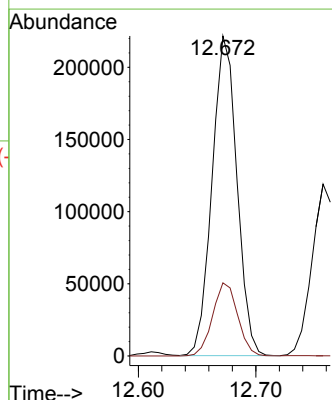
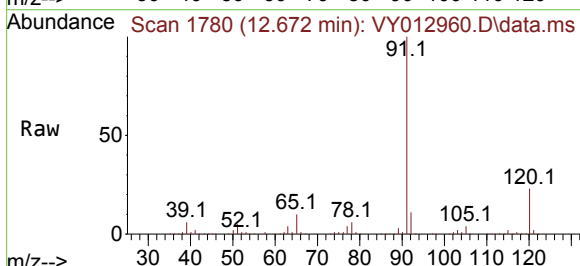
Acq: 16 Mar 2023 10:27

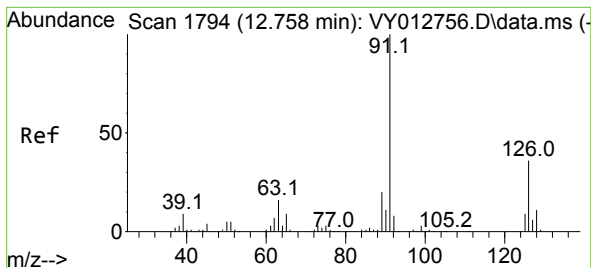
Tgt Ion: 91 Resp: 325729

Ion Ratio Lower Upper

91 100

120 23.0 11.6 34.8





#79

2-Chlorotoluene

Concen: 50.686 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

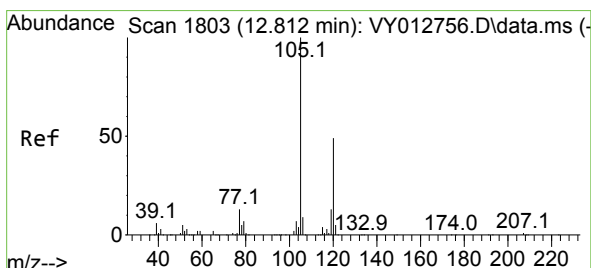
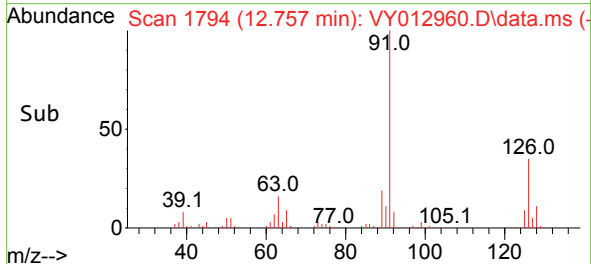
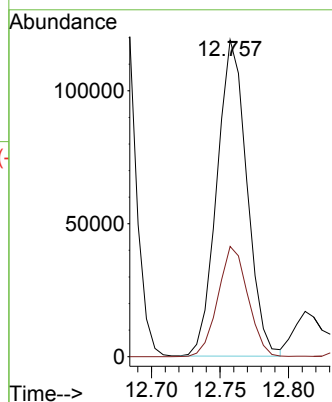
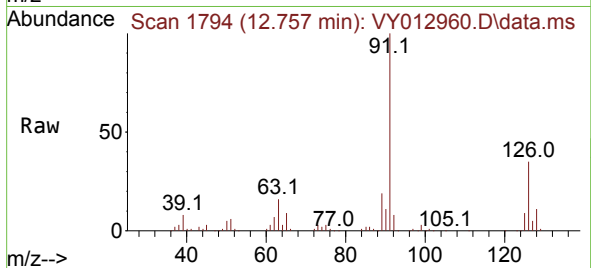
VSTDCCC050

Tgt Ion: 91 Resp: 181673

Ion Ratio Lower Upper

91 100

126 34.7 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 51.437 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY012960.D

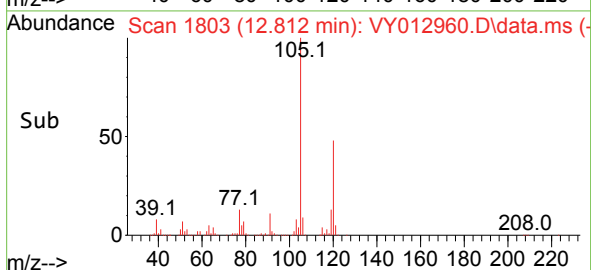
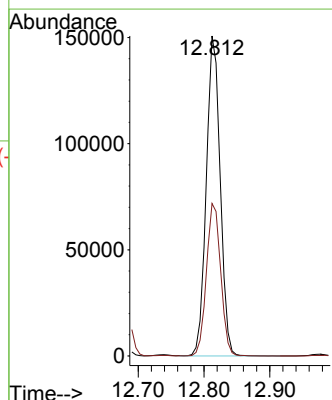
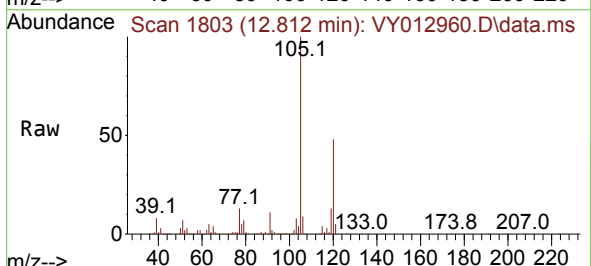
Acq: 16 Mar 2023 10:27

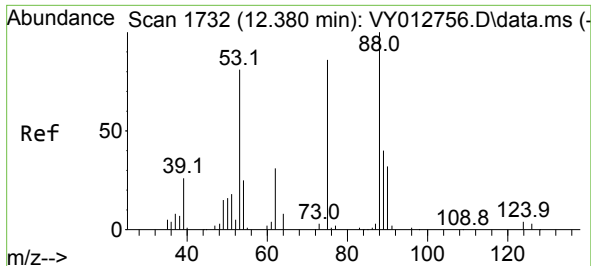
Tgt Ion:105 Resp: 222042

Ion Ratio Lower Upper

105 100

120 48.8 24.8 74.4

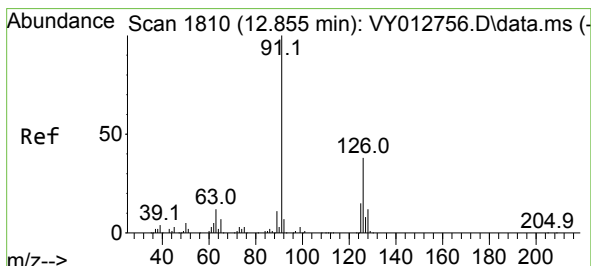
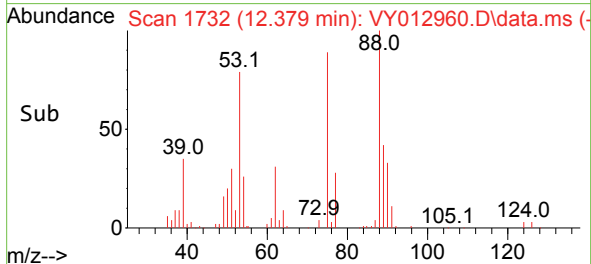
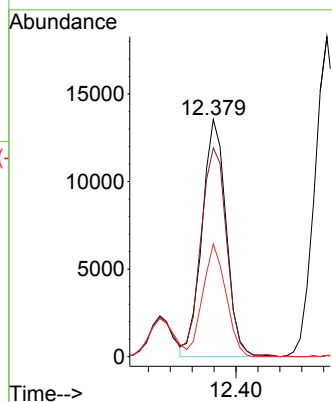
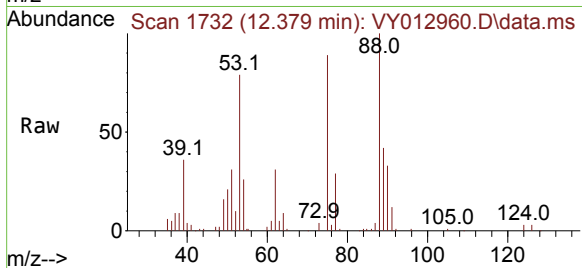




#81
trans-1,4-Dichloro-2-butene
Concen: 48.637 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

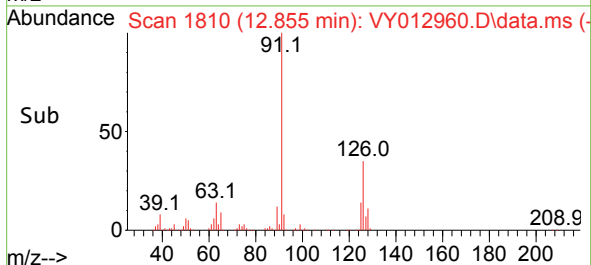
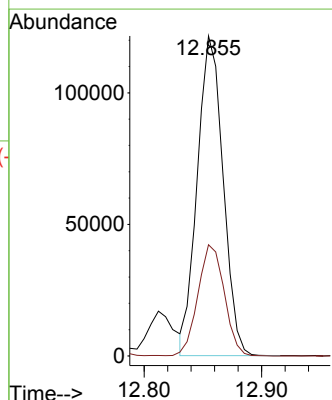
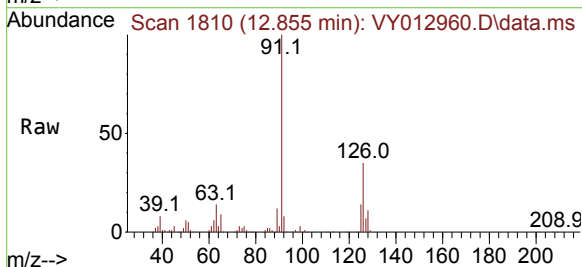
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

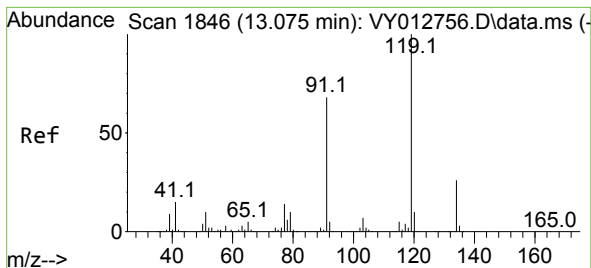
Tgt Ion:	75	Resp:	20689
Ion	Ratio	Lower	Upper
75	100		
53	94.1	73.4	110.0
89	45.4	36.6	55.0



#82
4-Chlorotoluene
Concen: 49.949 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

Tgt Ion:	91	Resp:	185323
Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.7	53.1





#83

tert-Butylbenzene

Concen: 51.350 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

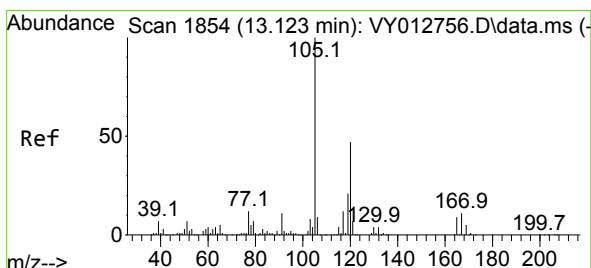
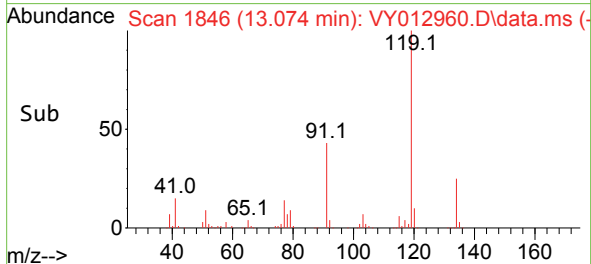
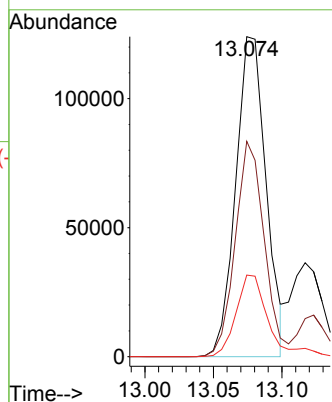
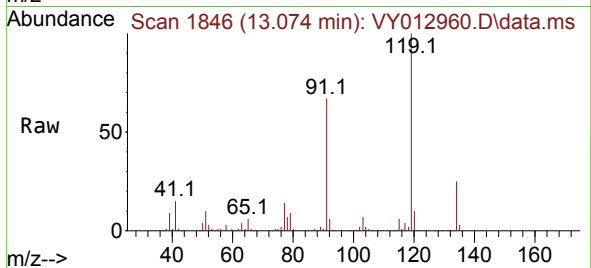
Tgt Ion:119 Resp: 191326

Ion Ratio Lower Upper

119 100

91 64.4 32.8 98.3

134 27.2 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 51.807 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY012960.D

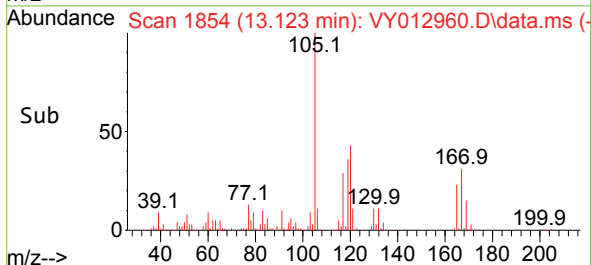
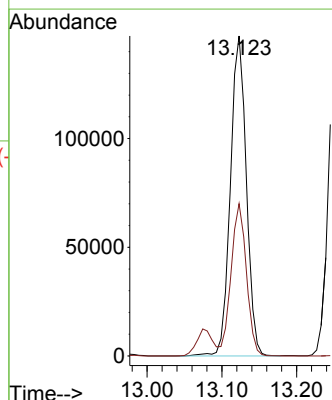
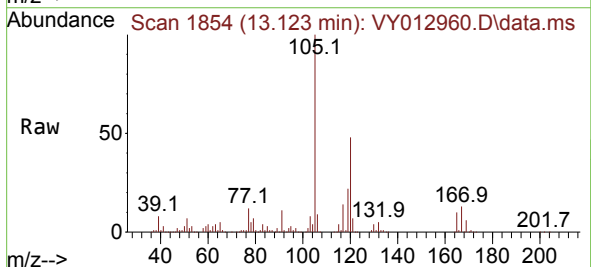
Acq: 16 Mar 2023 10:27

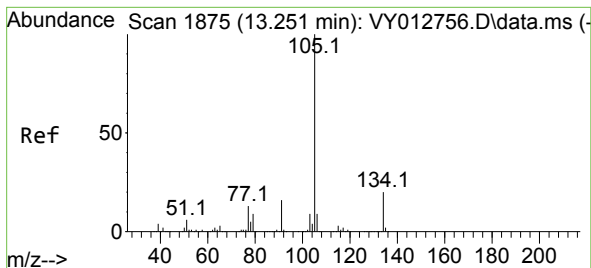
Tgt Ion:105 Resp: 218689

Ion Ratio Lower Upper

105 100

120 46.2 23.0 69.0





#85

sec-Butylbenzene

Concen: 50.965 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

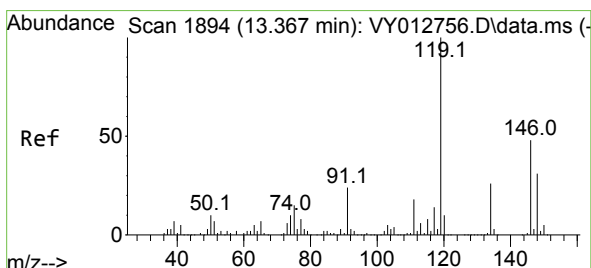
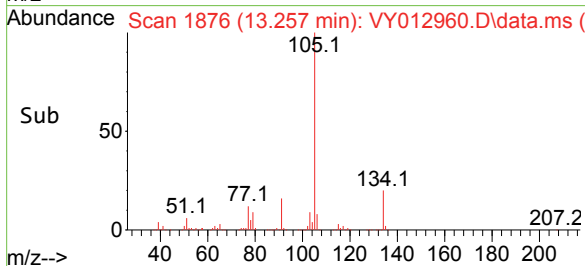
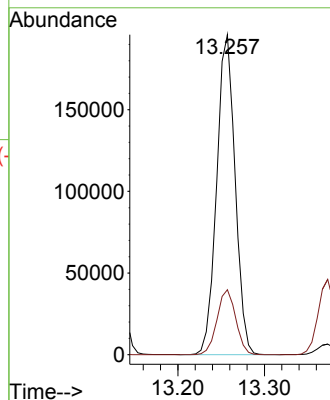
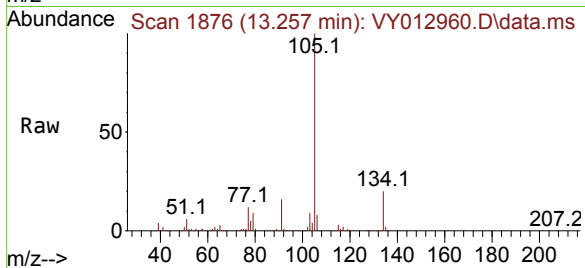
VSTDCCC050

Tgt Ion:105 Resp: 289695

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1



#86

p-Isopropyltoluene

Concen: 51.451 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

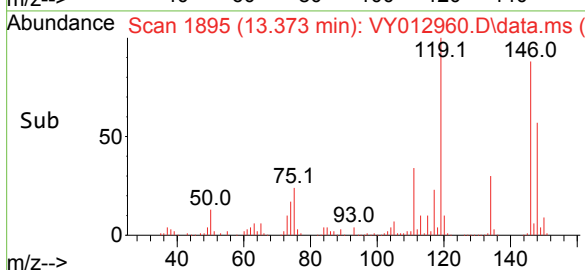
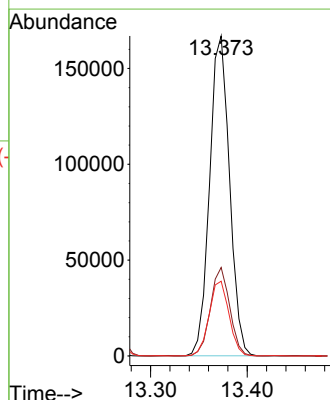
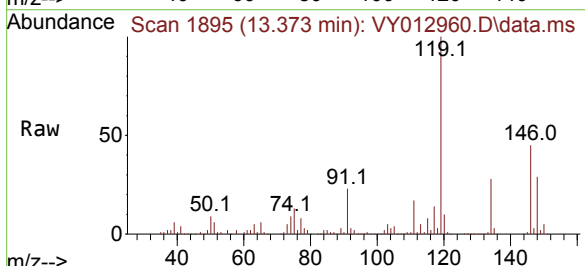
Tgt Ion:119 Resp: 239018

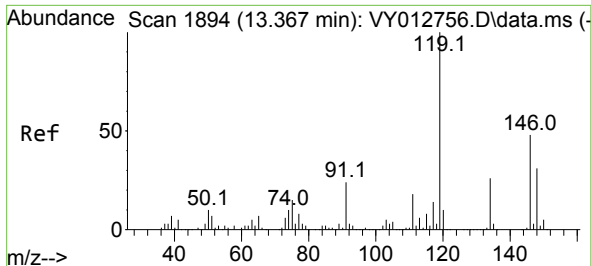
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.6

91 23.3 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 51.352 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

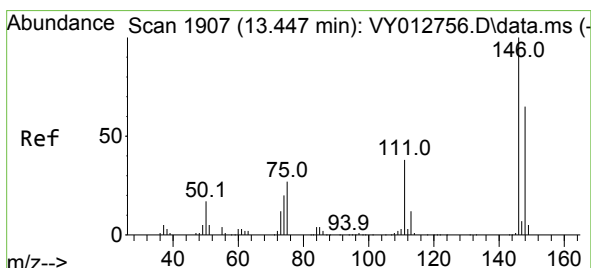
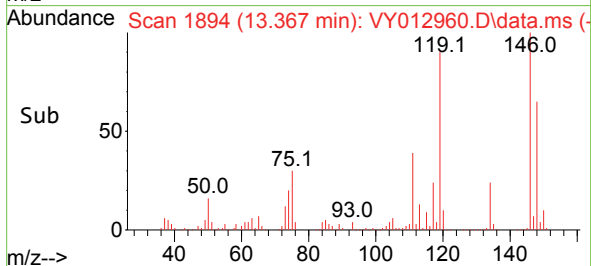
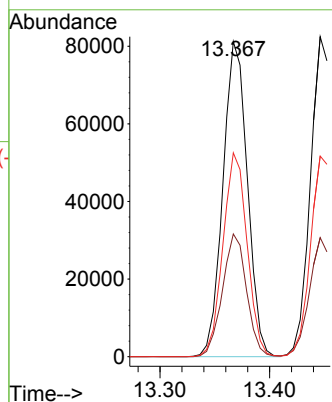
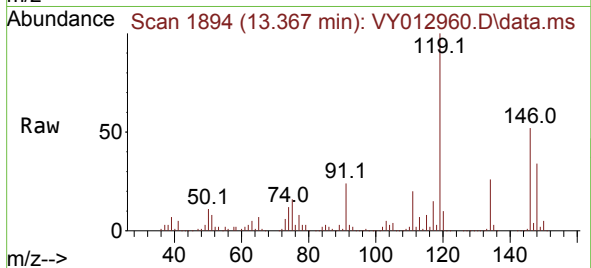
Tgt Ion:146 Resp: 125855

Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.5

148 63.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 50.001 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

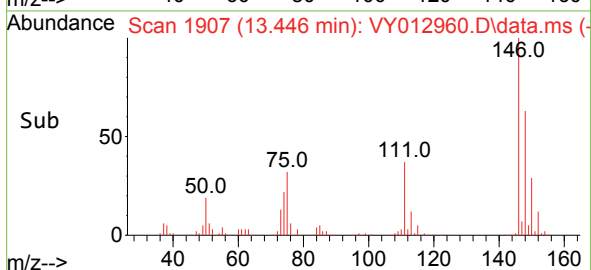
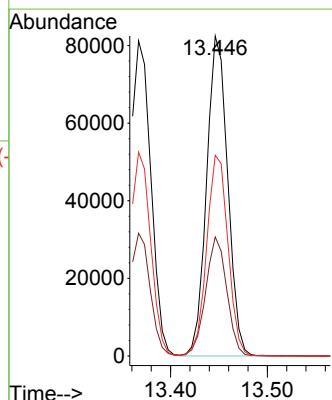
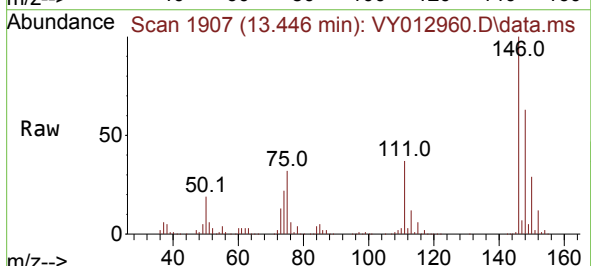
Tgt Ion:146 Resp: 125069

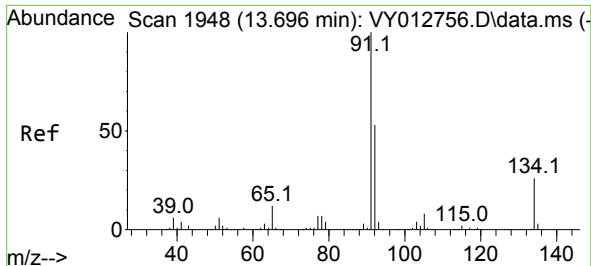
Ion Ratio Lower Upper

146 100

111 37.3 18.6 55.8

148 63.3 31.5 94.5

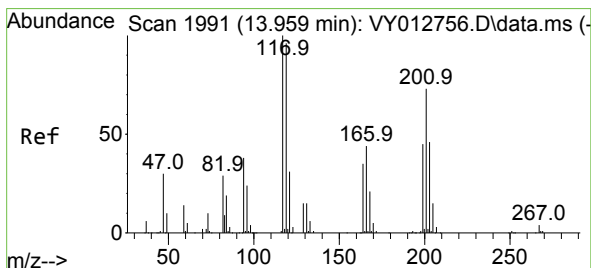
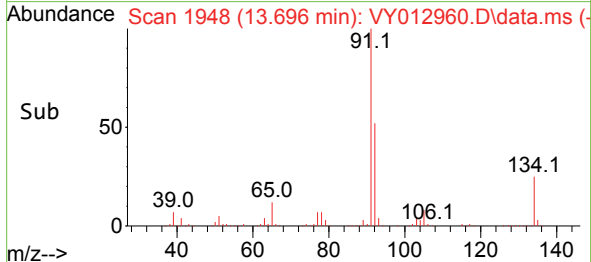
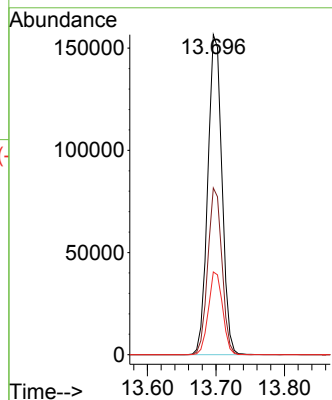
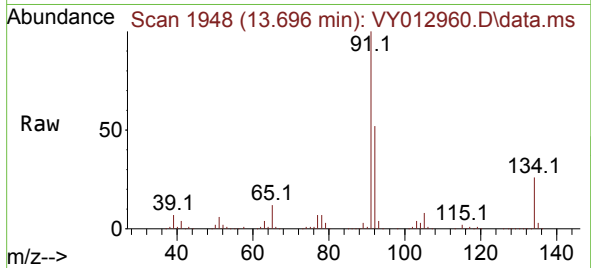




#89
n-Butylbenzene
Concen: 50.694 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

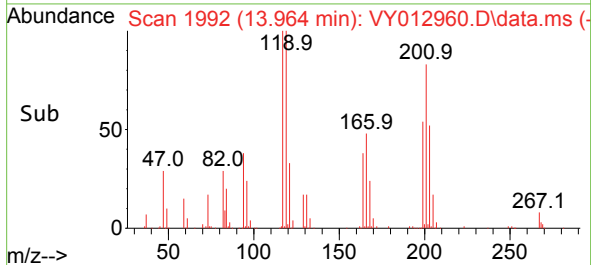
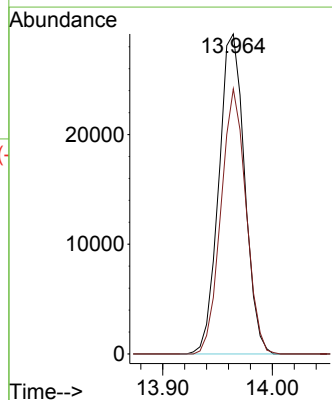
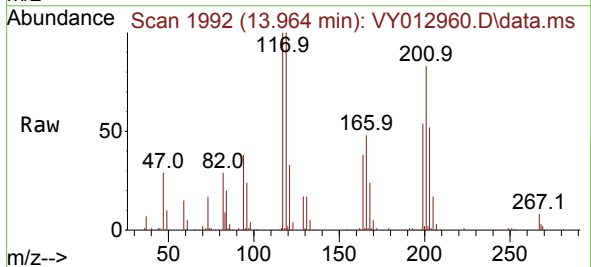
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

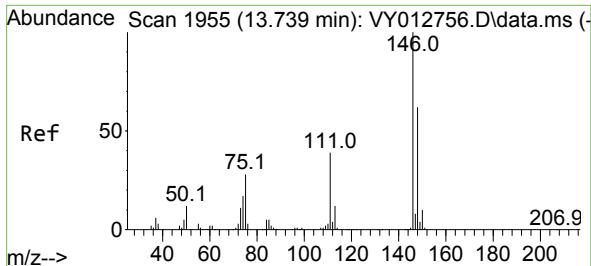
Tgt Ion: 91 Resp: 225452
Ion Ratio Lower Upper
91 100
92 51.9 26.4 79.0
134 26.0 13.0 38.9



#90
Hexachloroethane
Concen: 49.309 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

Tgt Ion: 117 Resp: 47710
Ion Ratio Lower Upper
117 100
201 80.3 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 51.448 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

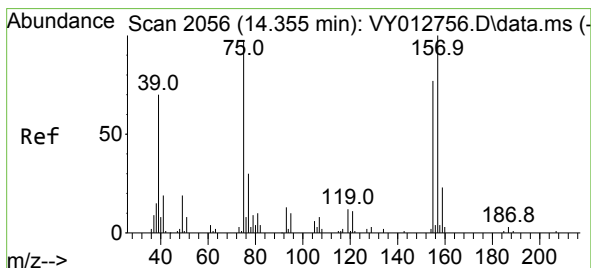
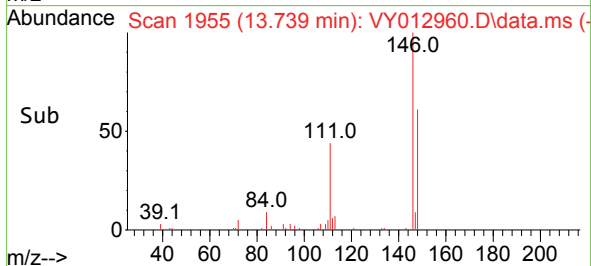
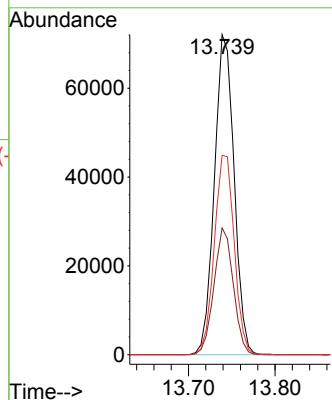
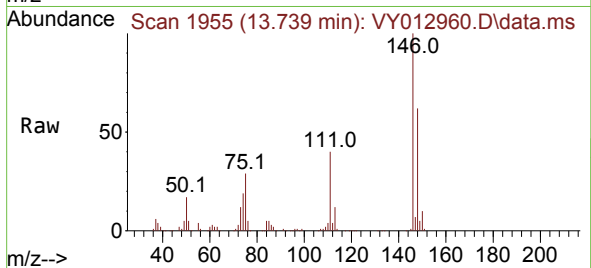
Tgt Ion:146 Resp: 113982

Ion Ratio Lower Upper

146 100

111 38.9 19.7 59.1

148 63.1 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.281 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

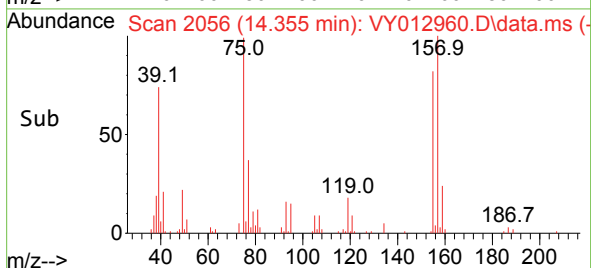
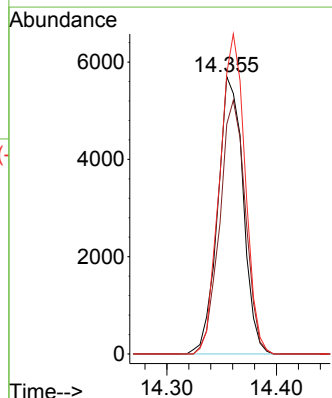
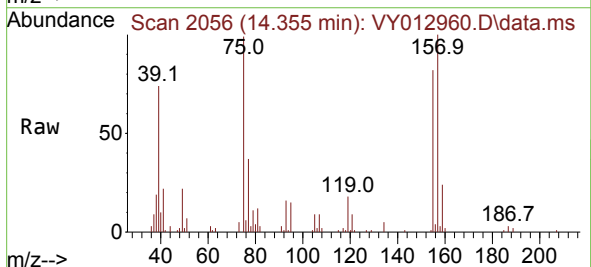
Tgt Ion: 75 Resp: 9175

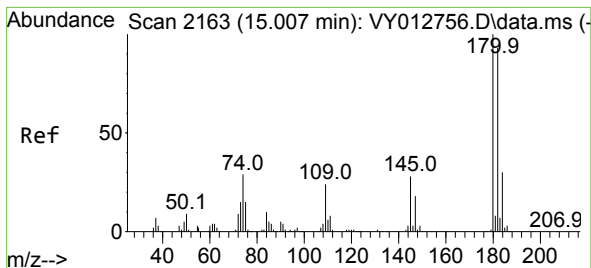
Ion Ratio Lower Upper

75 100

155 92.4 43.8 131.4

157 115.4 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 48.890 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

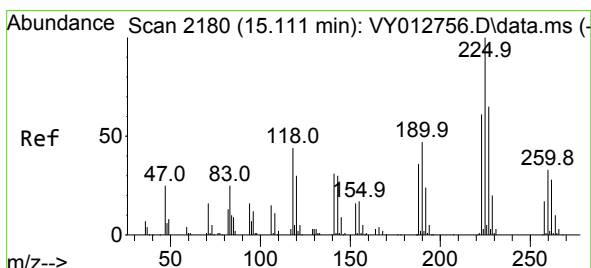
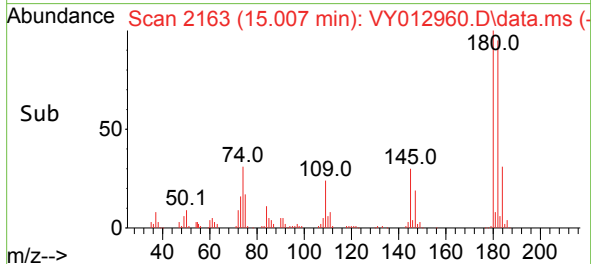
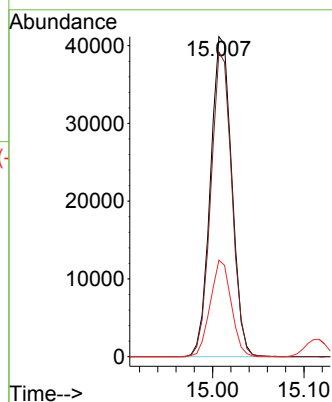
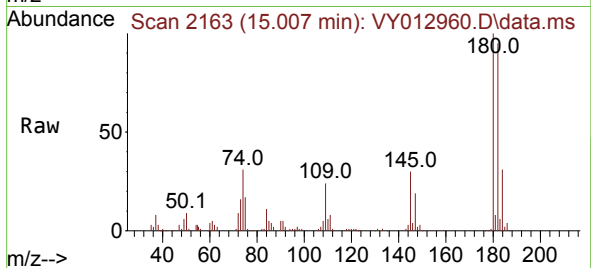
Tgt Ion:180 Resp: 66689

Ion Ratio Lower Upper

180 100

182 93.7 46.7 140.1

145 29.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 48.576 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012960.D

Acq: 16 Mar 2023 10:27

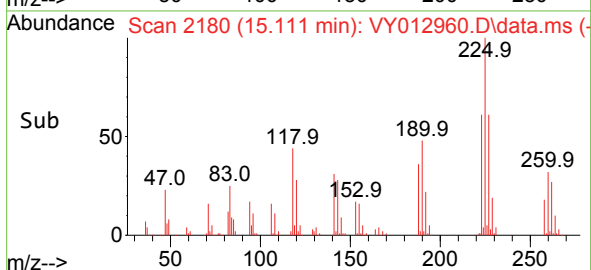
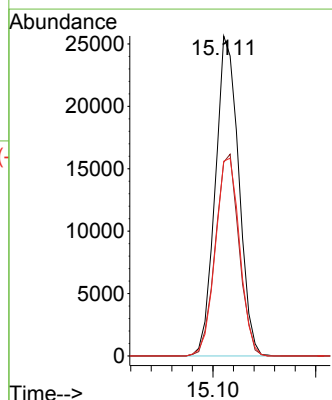
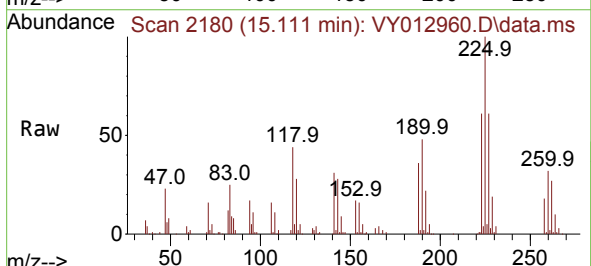
Tgt Ion:225 Resp: 40414

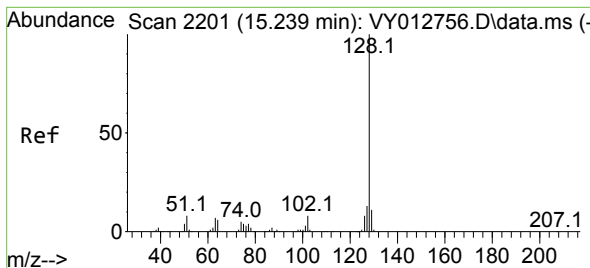
Ion Ratio Lower Upper

225 100

223 63.9 31.1 93.3

227 64.3 32.4 97.0

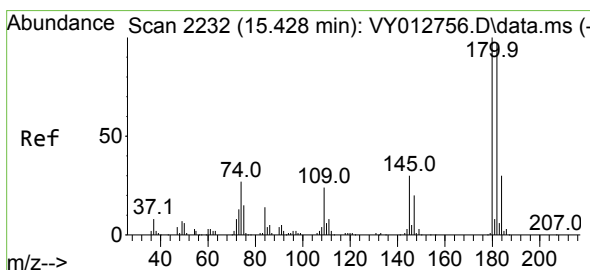
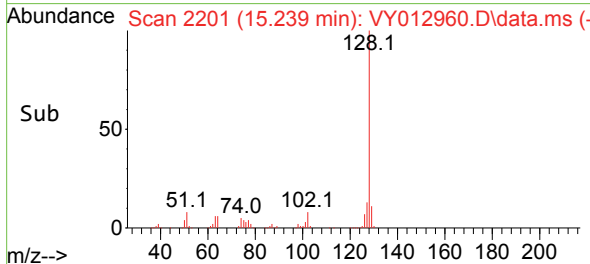
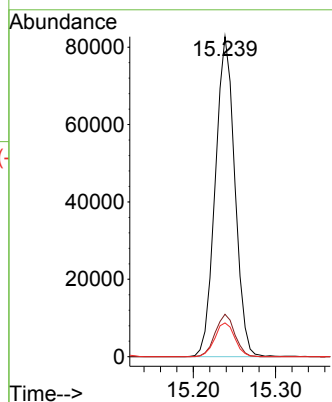
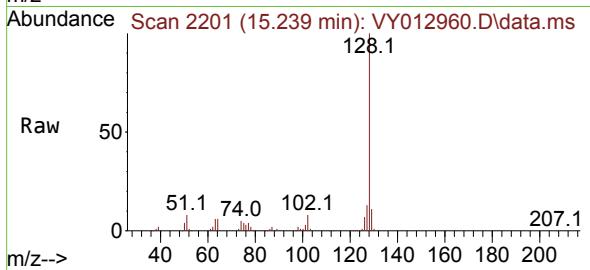




#95
Naphthalene
Concen: 49.896 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 136390
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.890 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY012960.D
Acq: 16 Mar 2023 10:27

Tgt Ion:180 Resp: 59312
Ion Ratio Lower Upper
180 100
182 96.5 47.4 142.3
145 30.7 15.3 45.8

