

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032023\
 Data File : VY013002.D
 Acq On : 20 Mar 2023 11:00
 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 21 01:10:23 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	116880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	176757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	156000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	48824	42.073	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.140%		
35) Dibromofluoromethane	7.722	113	51185	47.983	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.960%		
50) Toluene-d8	10.179	98	170597	43.746	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	87.500%		
62) 4-Bromofluorobenzene	12.483	95	62633	47.584	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	61411	53.307	ug/l	99
3) Chloromethane	2.119	50	65133	47.292	ug/l	99
4) Vinyl Chloride	2.259	62	56572	44.794	ug/l	98
5) Bromomethane	2.656	94	36344	47.360	ug/l	98
6) Chloroethane	2.796	64	35510	46.949	ug/l	99
7) Trichlorofluoromethane	3.131	101	85222	40.629	ug/l	96
8) Diethyl Ether	3.533	74	34501	46.936	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	64757	51.314	ug/l	99
10) Methyl Iodide	4.094	142	85321	51.888	ug/l	98
11) Tert butyl alcohol	4.954	59	25362	184.781	ug/l	99
12) 1,1-Dichloroethene	3.875	96	62333	51.789	ug/l	98
13) Acrolein	3.729	56	37289	183.407	ug/l	99
14) Allyl chloride	4.484	41	114072	51.308	ug/l	99
15) Acrylonitrile	5.167	53	86838	224.212	ug/l	100
16) Acetone	3.948	43	116647	256.090	ug/l	99
17) Carbon Disulfide	4.198	76	211981	51.742	ug/l	99
18) Methyl Acetate	4.478	43	59085	43.559	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	150746	48.489	ug/l	98
20) Methylene Chloride	4.722	84	70098	50.484	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	68130	52.089	ug/l	99
22) Diisopropyl ether	6.118	45	206996	51.260	ug/l	98
23) Vinyl Acetate	6.057	43	621280	247.614	ug/l	99
24) 1,1-Dichloroethane	6.021	63	117863	51.221	ug/l	99
25) 2-Butanone	6.984	43	132513	234.883	ug/l	98
26) 2,2-Dichloropropane	6.984	77	103808	50.794	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	73076	52.112	ug/l	99
28) Bromochloromethane	7.338	49	39343	46.786	ug/l	100
29) Tetrahydrofuran	7.350	42	75081	220.658	ug/l	100
30) Chloroform	7.508	83	117690	51.780	ug/l	99
31) Cyclohexane	7.789	56	109500	49.269	ug/l	96
32) 1,1,1-Trichloroethane	7.703	97	107503	52.302	ug/l	99
36) 1,1-Dichloropropene	7.917	75	95274	53.297	ug/l	99
37) Ethyl Acetate	7.075	43	49876	44.268	ug/l	98
38) Carbon Tetrachloride	7.905	117	99517	53.910	ug/l	99
39) Methylcyclohexane	9.185	83	115234	54.222	ug/l	97
40) Benzene	8.161	78	267408	52.883	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	70549	116.219	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	75852	49.894	ug/l	100
43) Isopropyl Acetate	8.277	43	93372	46.450	ug/l	99
44) Trichloroethene	8.941	130	70647	52.991	ug/l	92
45) 1,2-Dichloropropane	9.215	63	65722	51.428	ug/l	99
46) Dibromomethane	9.307	93	36602	50.274	ug/l	98
47) Bromodichloromethane	9.496	83	88431	51.543	ug/l	98
48) Methyl methacrylate	9.295	41	44657	48.214	ug/l	100
49) 1,4-Dioxane	9.301	88	8886	944.131	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	250764	229.977	ug/l	99
52) Toluene	10.246	92	164492	53.939	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	92357	51.322	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	104722	51.413	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	49145	48.470	ug/l	98
56) Ethyl methacrylate	10.514	69	66773	49.390	ug/l	99
57) 1,3-Dichloropropane	10.788	76	85835	49.703	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	163061	229.756	ug/l	99
59) 2-Hexanone	10.831	43	190179	239.981	ug/l	100
60) Dibromochloromethane	10.983	129	61948	50.192	ug/l	100
61) 1,2-Dibromoethane	11.093	107	48056	49.203	ug/l	99
64) Tetrachloroethene	10.721	164	60621	53.373	ug/l	97
65) Chlorobenzene	11.520	112	170892	52.196	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	63964	52.797	ug/l	99
67) Ethyl Benzene	11.593	91	311198	54.062	ug/l	99
68) m/p-Xylenes	11.703	106	243271	109.857	ug/l	99
69) o-Xylene	12.032	106	112293	54.335	ug/l	99
70) Styrene	12.044	104	188184	54.564	ug/l	99
71) Bromoform	12.209	173	39608	50.143	ug/l #	97
73) Isopropylbenzene	12.331	105	299797	53.355	ug/l	100
74) N-amyl acetate	12.148	43	81364	46.022	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	58812	46.562	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	76077	80.354	ug/l #	100
77) Bromobenzene	12.611	156	69038	50.577	ug/l	96
78) n-propylbenzene	12.672	91	370923	53.543	ug/l	100
79) 2-Chlorotoluene	12.757	91	201884	52.435	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	247087	53.285	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	21494	47.040	ug/l	98
82) 4-Chlorotoluene	12.855	91	207770	52.131	ug/l	99
83) tert-Butylbenzene	13.074	119	221917	55.447	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	240348	53.006	ug/l	100
85) sec-Butylbenzene	13.257	105	324283	53.110	ug/l	100
86) p-Isopropyltoluene	13.373	119	266694	53.443	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	135543	51.485	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	134618	50.101	ug/l	99
89) n-Butylbenzene	13.696	91	253164	52.994	ug/l	99
90) Hexachloroethane	13.964	117	52594	50.602	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	120692	50.714	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8996	44.069	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	72796	49.681	ug/l	98
94) Hexachlorobutadiene	15.117	225	44848	50.182	ug/l	98
95) Naphthalene	15.239	128	141638	48.237	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	64391	49.411	ug/l	99

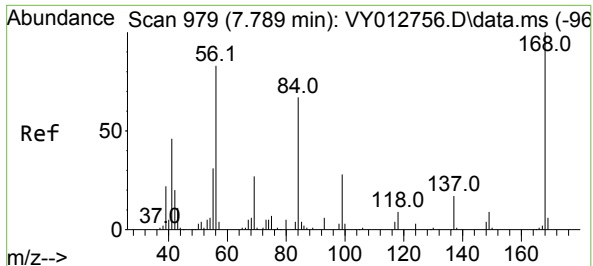
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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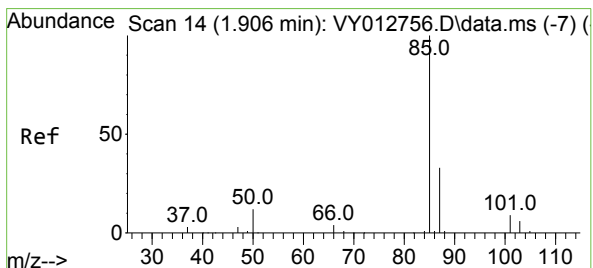
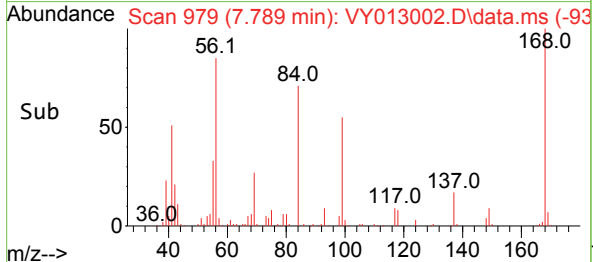
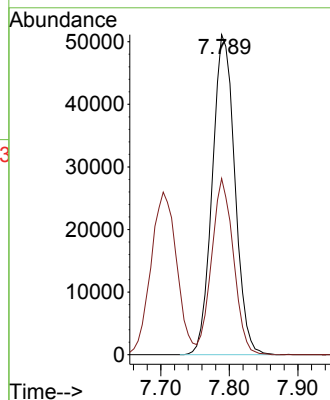
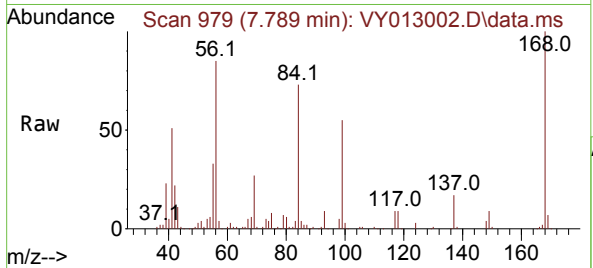
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

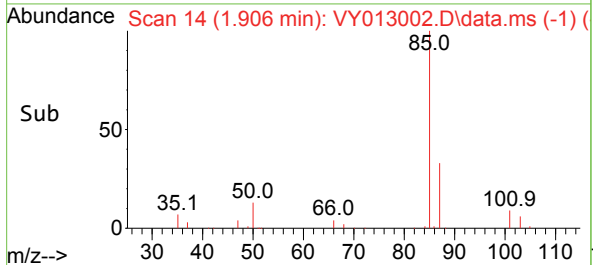
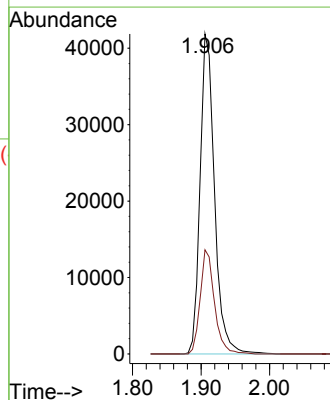
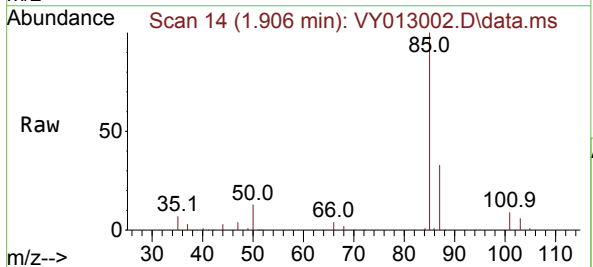
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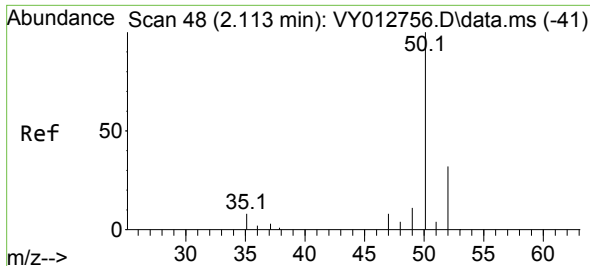
Tgt Ion:168 Resp: 116880
Ion Ratio Lower Upper
168 100
99 55.1 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 53.307 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Tgt Ion: 85 Resp: 61411
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.0

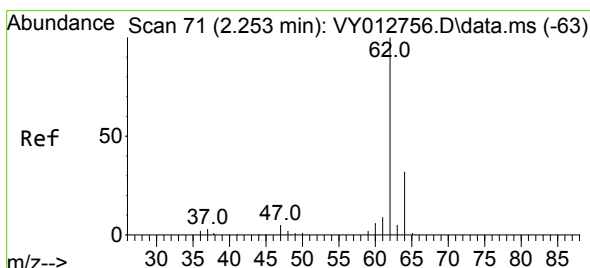
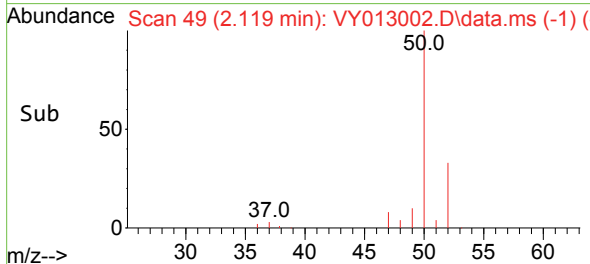
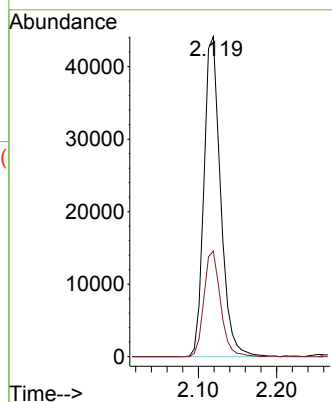
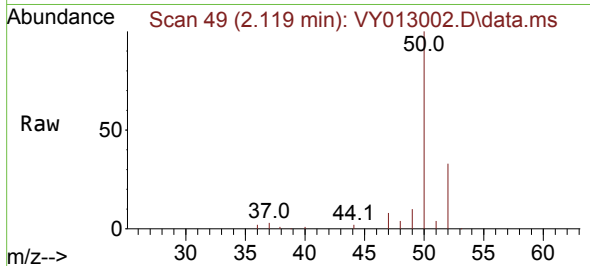




#3
Chloromethane
Concen: 47.292 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

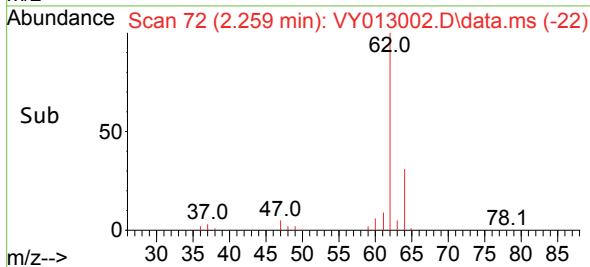
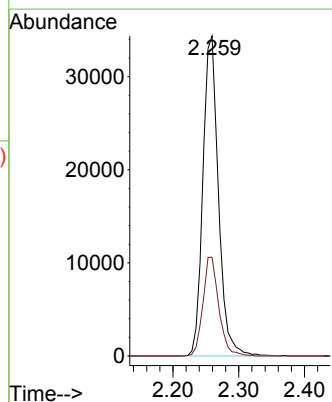
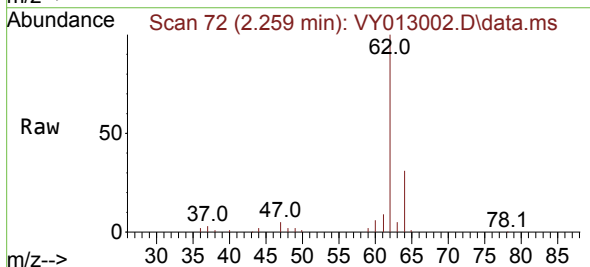
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

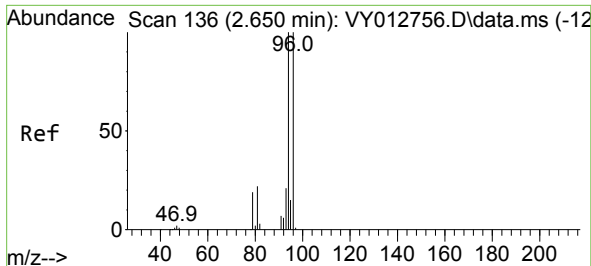
Tgt Ion: 50 Resp: 65133
Ion Ratio Lower Upper
50 100
52 33.0 26.0 39.0



#4
Vinyl Chloride
Concen: 44.794 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Tgt Ion: 62 Resp: 56572
Ion Ratio Lower Upper
62 100
64 30.8 25.6 38.4





#5

Bromomethane

Concen: 47.360 ug/l

RT: 2.656 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

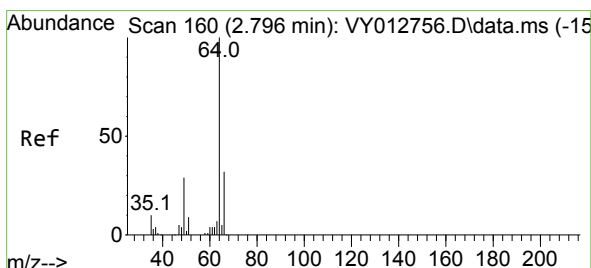
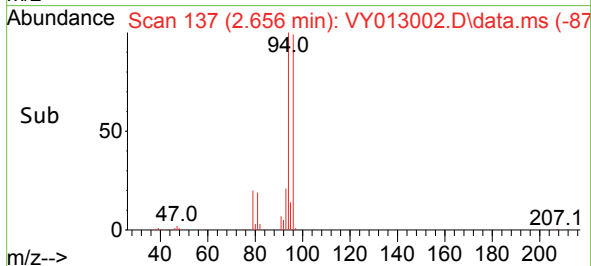
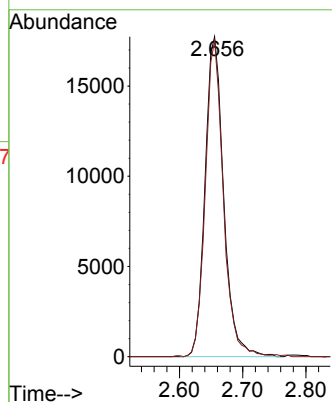
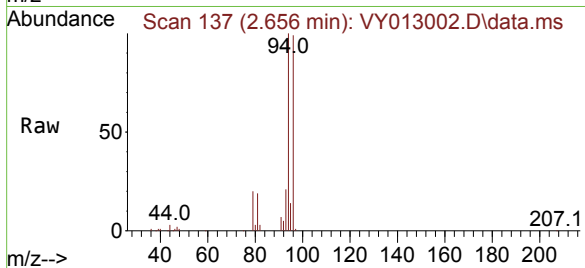
VSTDCCC050

Tgt Ion: 94 Resp: 36344

Ion Ratio Lower Upper

94 100

96 98.4 80.3 120.5



#6

Chloroethane

Concen: 46.949 ug/l

RT: 2.796 min Scan# 160

Delta R.T. -0.000 min

Lab File: VY013002.D

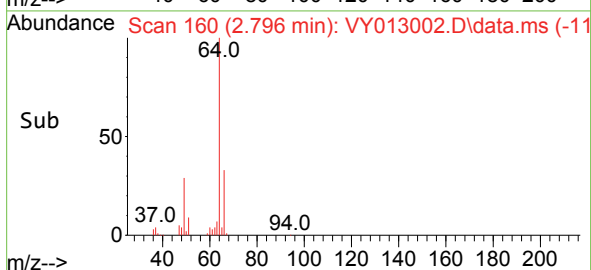
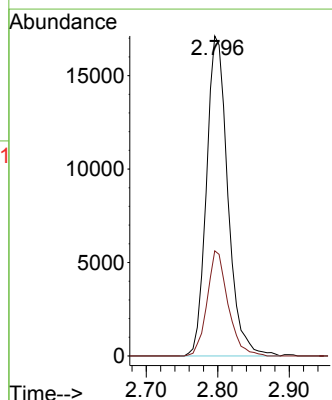
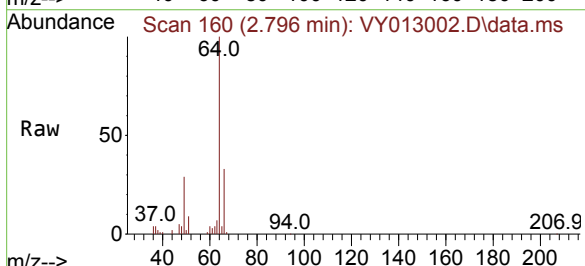
Acq: 20 Mar 2023 11:00

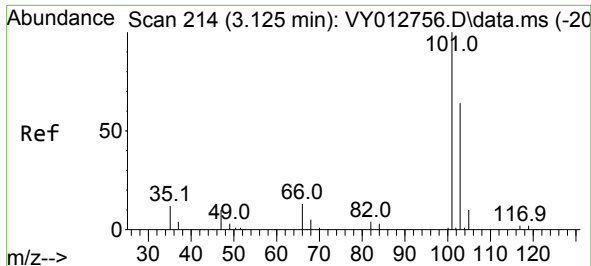
Tgt Ion: 64 Resp: 35510

Ion Ratio Lower Upper

64 100

66 32.8 25.7 38.5

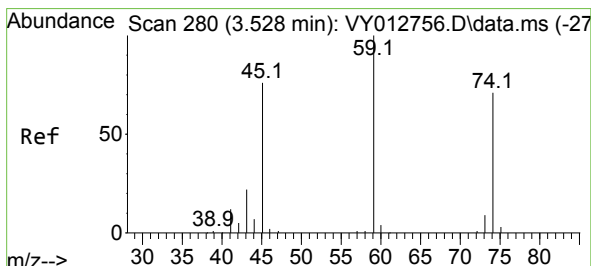
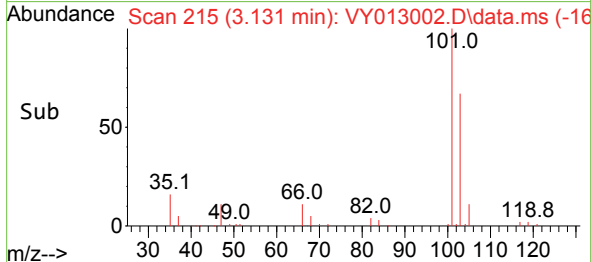
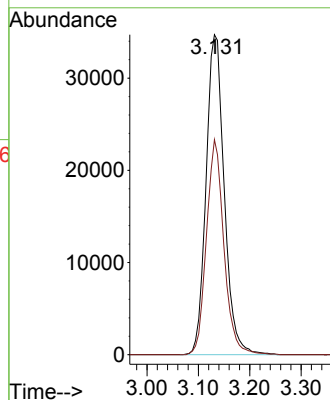
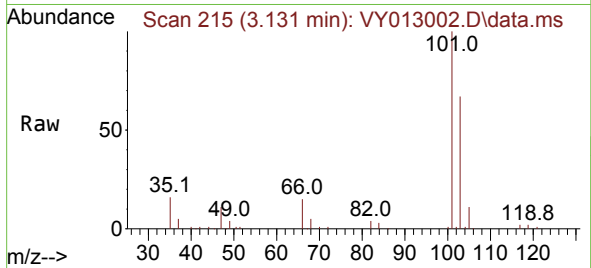




#7
Trichlorofluoromethane
Concen: 40.629 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

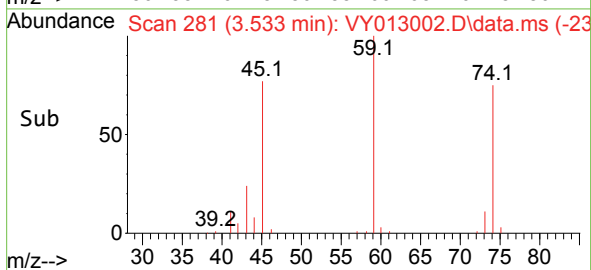
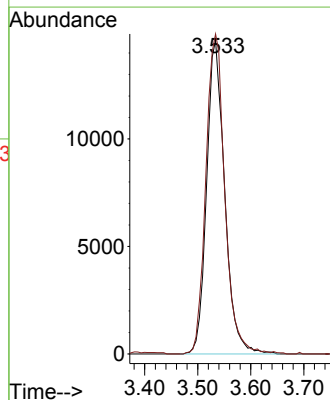
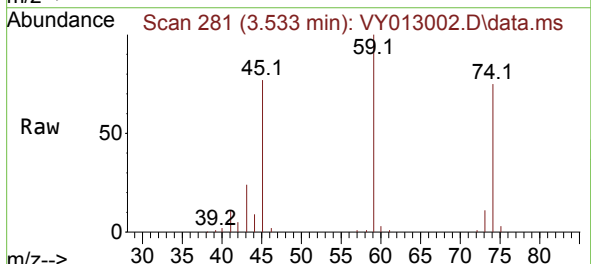
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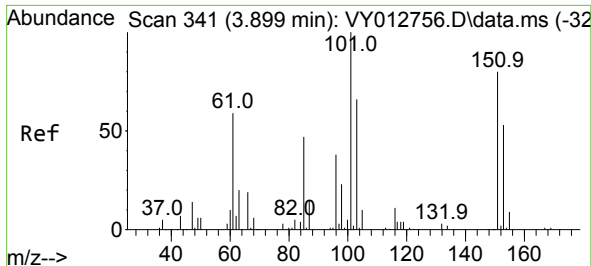
Tgt Ion:101 Resp: 85222
Ion Ratio Lower Upper
101 100
103 67.2 51.5 77.3



#8
Diethyl Ether
Concen: 46.936 ug/l
RT: 3.533 min Scan# 281
Delta R.T. 0.005 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Tgt Ion: 74 Resp: 34501
Ion Ratio Lower Upper
74 100
45 107.4 52.1 156.4

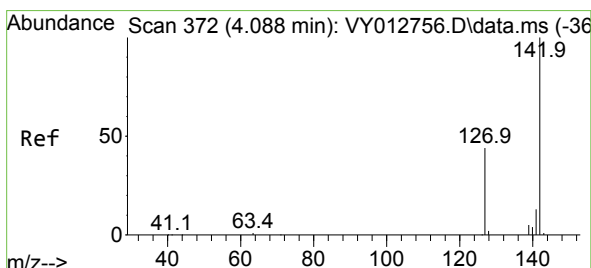
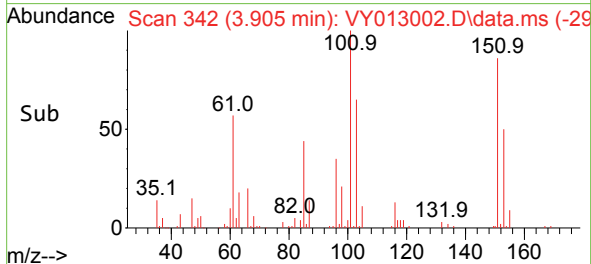
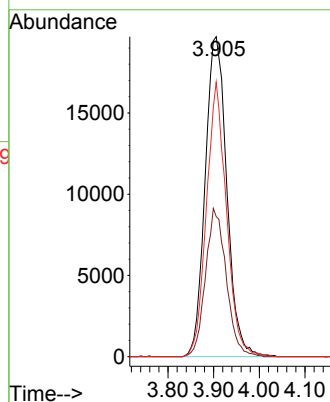
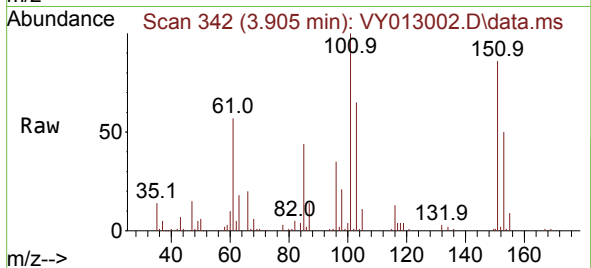




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.314 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

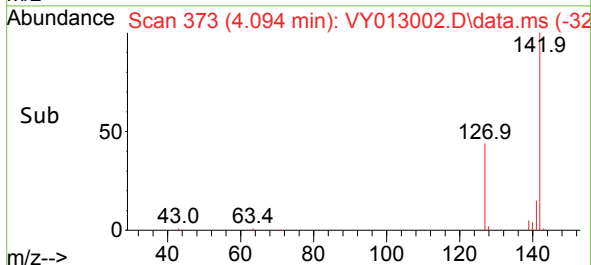
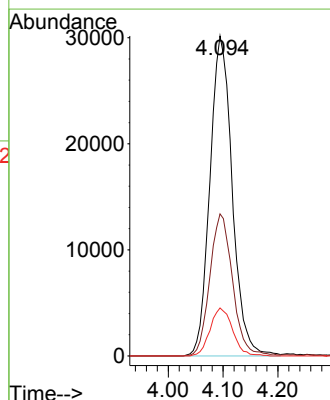
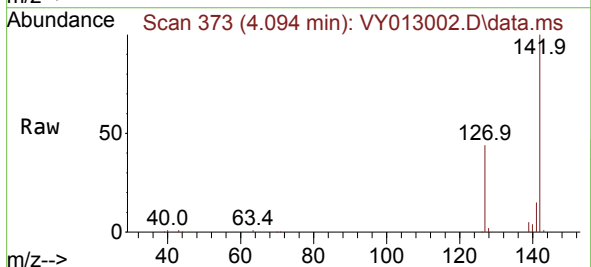
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ClientSampleId :
VSTDCCC050

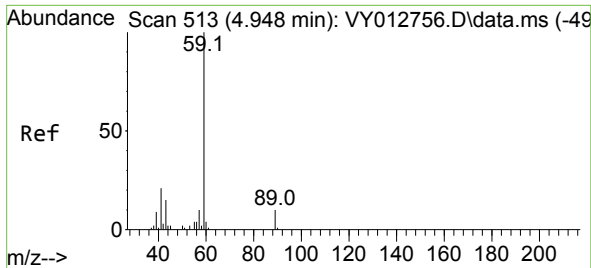
Tgt Ion:101 Resp: 64757
Ion Ratio Lower Upper
101 100
85 44.4 35.3 52.9
151 79.4 63.1 94.7



#10
Methyl Iodide
Concen: 51.888 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Tgt Ion:142 Resp: 85321
Ion Ratio Lower Upper
142 100
127 45.2 35.4 53.2
141 15.1 11.3 16.9

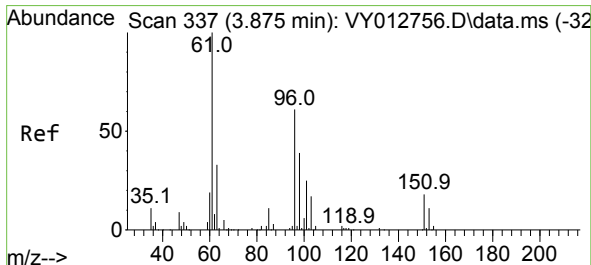
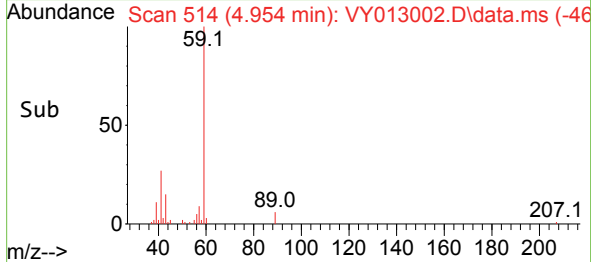
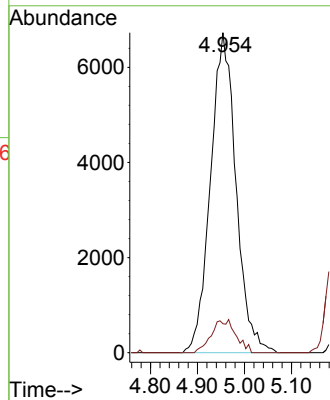
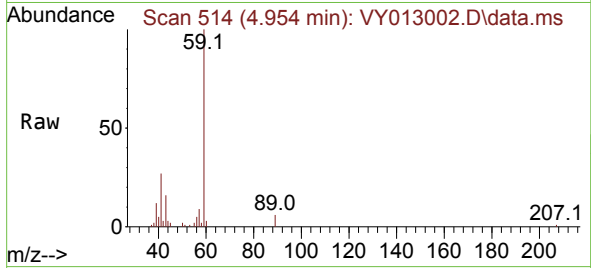




#11
Tert butyl alcohol
Concen: 184.781 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

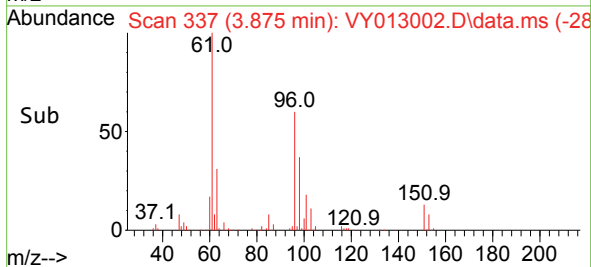
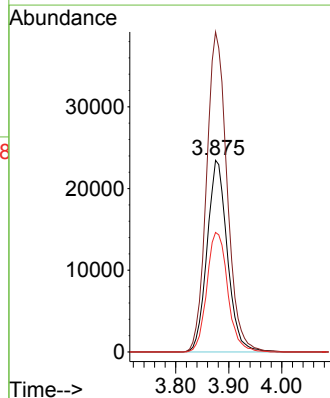
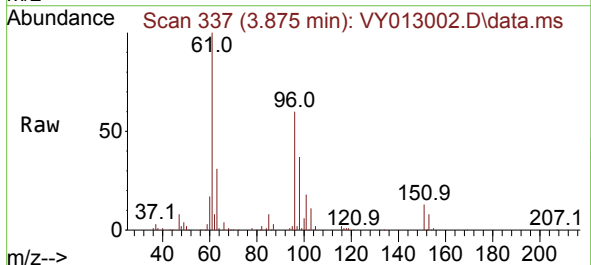
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

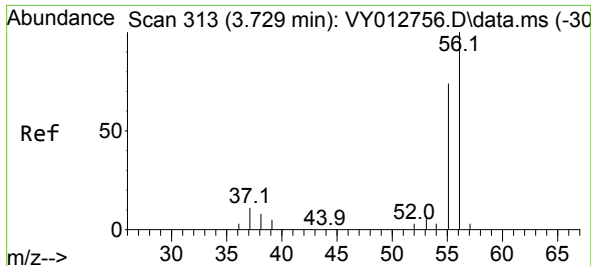
Tgt Ion: 59 Resp: 25362
Ion Ratio Lower Upper
59 100
57 9.9 7.7 11.5



#12
1,1-Dichloroethene
Concen: 51.789 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Tgt Ion: 96 Resp: 62333
Ion Ratio Lower Upper
96 100
61 167.0 131.7 197.5
98 62.4 52.0 78.0

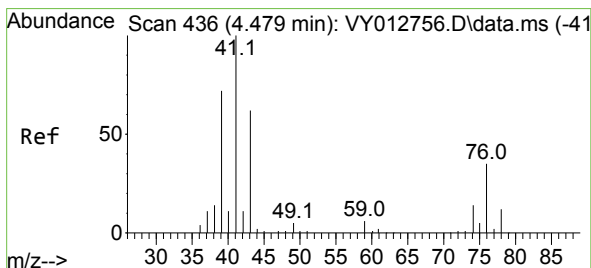
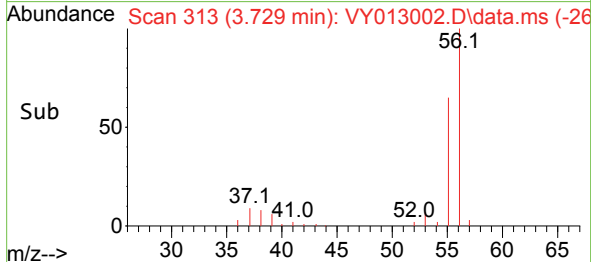
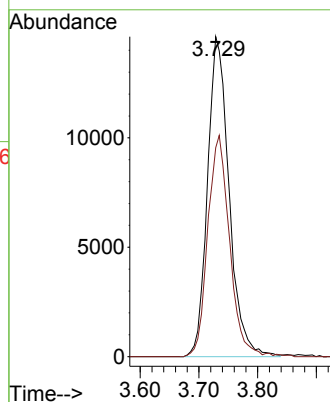
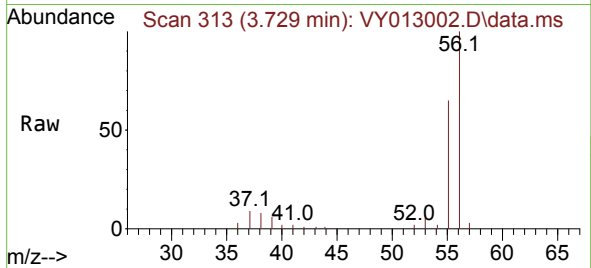




#13
Acrolein
Concen: 183.407 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

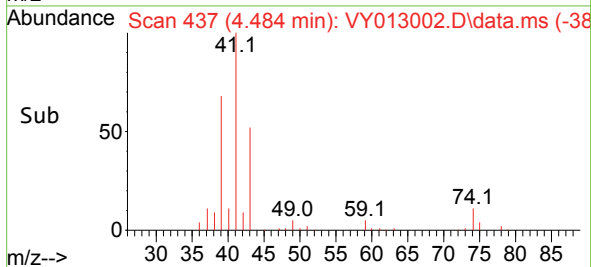
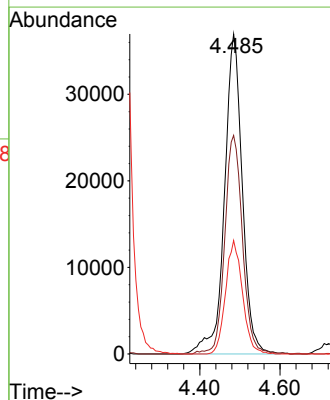
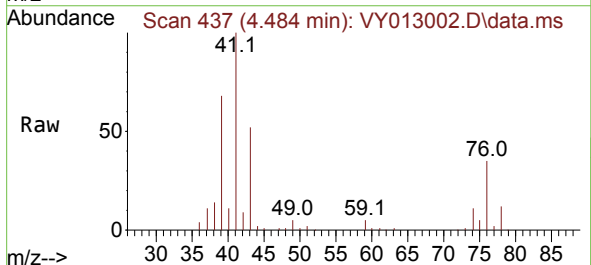
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

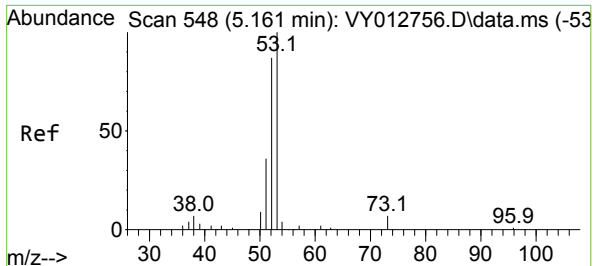
Tgt Ion: 56 Resp: 37289
Ion Ratio Lower Upper
56 100
55 70.2 56.8 85.2



#14
Allyl chloride
Concen: 51.308 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.005 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Tgt Ion: 41 Resp: 114072
Ion Ratio Lower Upper
41 100
39 67.9 53.6 80.4
76 33.7 27.2 40.8





#15

Acrylonitrile

Concen: 224.212 ug/l

RT: 5.167 min Scan# 548

Delta R.T. 0.006 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

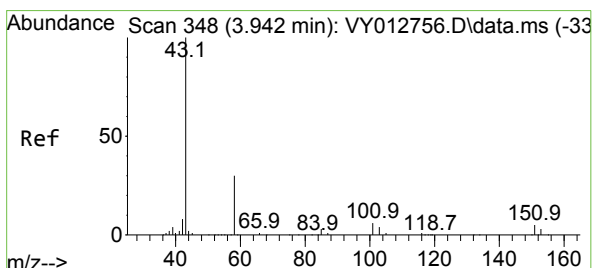
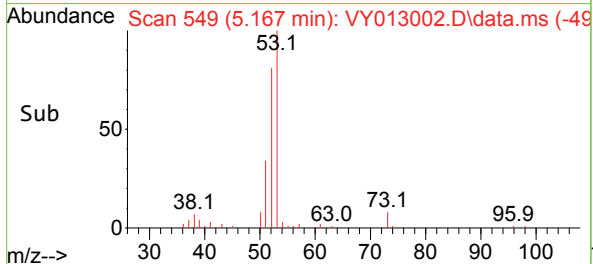
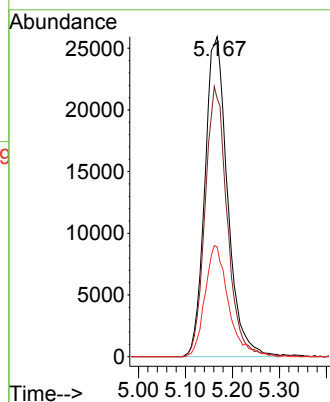
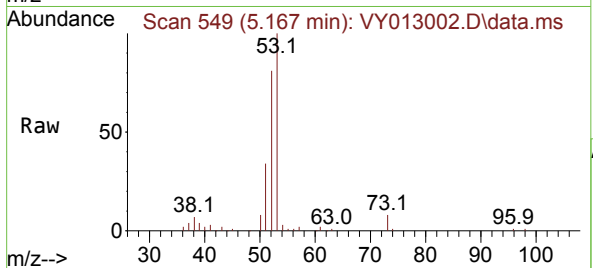
Tgt Ion: 53 Resp: 86838

Ion Ratio Lower Upper

53 100

52 82.3 66.3 99.5

51 36.1 28.8 43.2



#16

Acetone

Concen: 256.090 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY013002.D

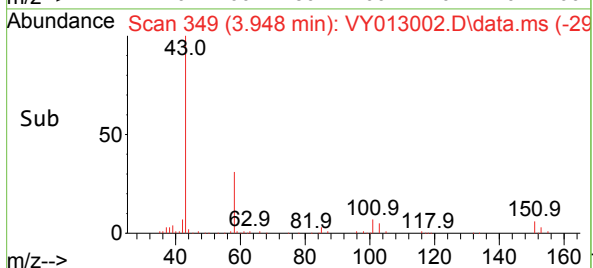
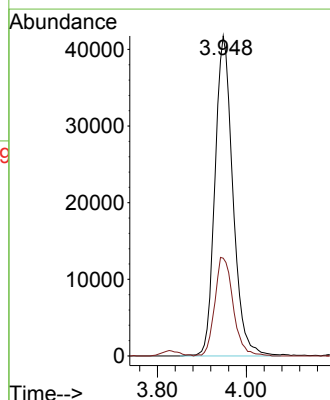
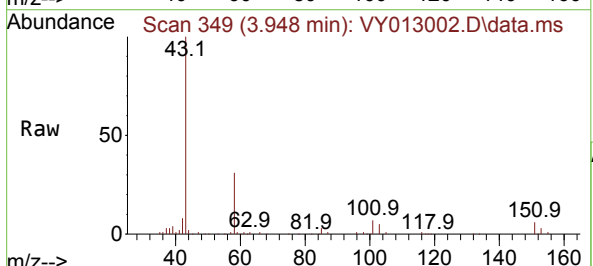
Acq: 20 Mar 2023 11:00

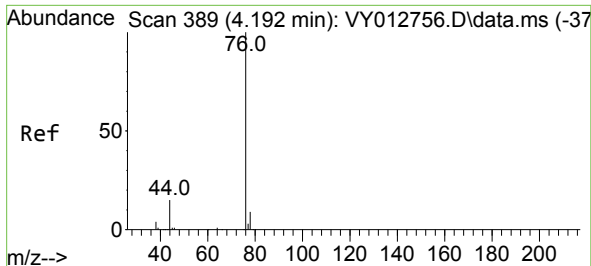
Tgt Ion: 43 Resp: 116647

Ion Ratio Lower Upper

43 100

58 30.5 24.2 36.2

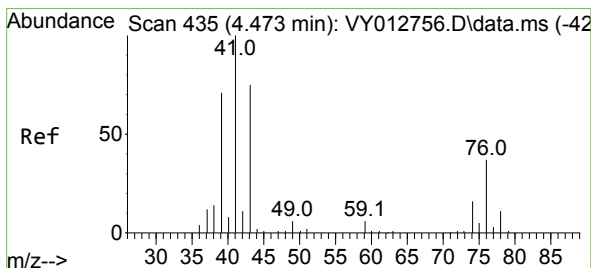
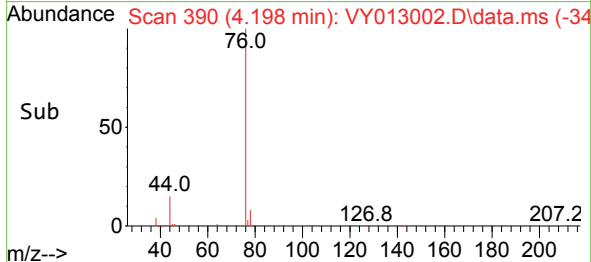
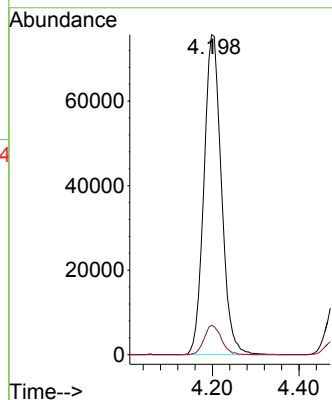
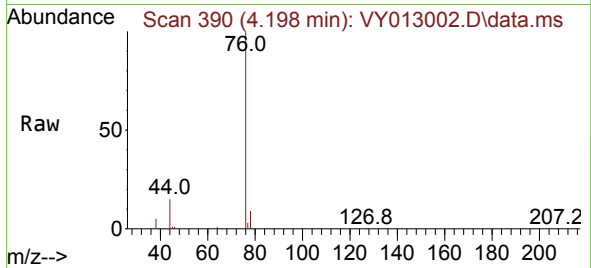




#17
Carbon Disulfide
Concen: 51.742 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

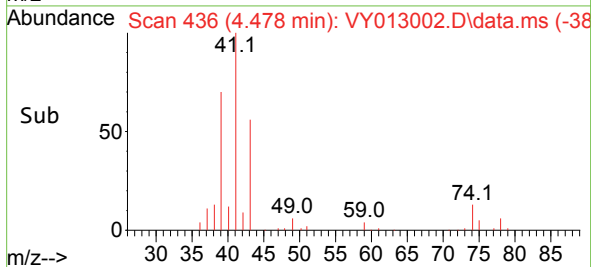
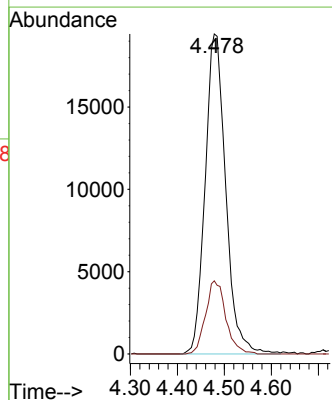
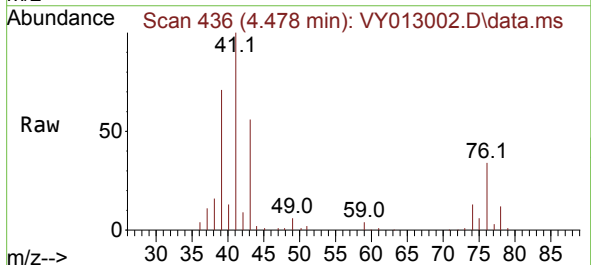
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

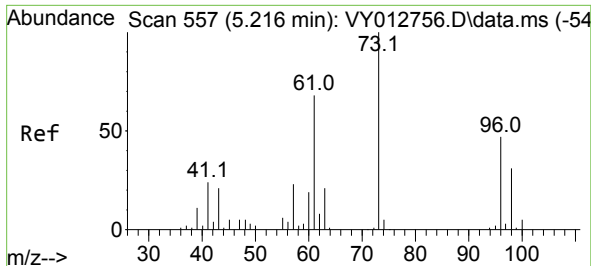
Tgt Ion: 76 Resp: 211981
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 43.559 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Tgt Ion: 43 Resp: 59085
Ion Ratio Lower Upper
43 100
74 22.5 17.4 26.0

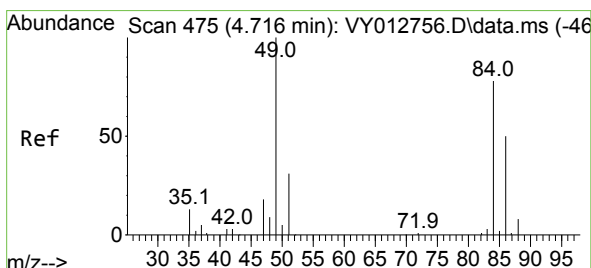
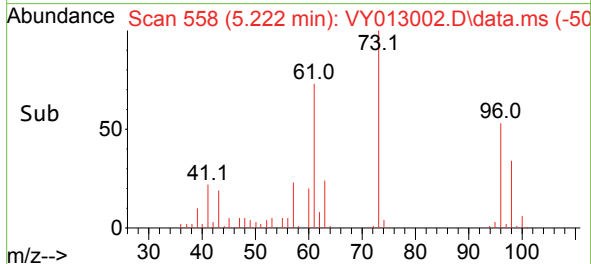
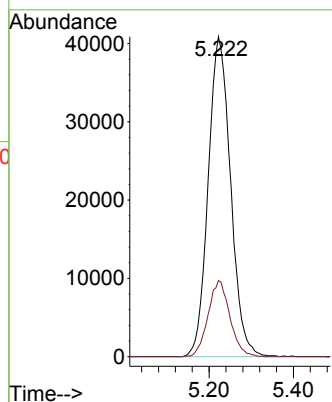
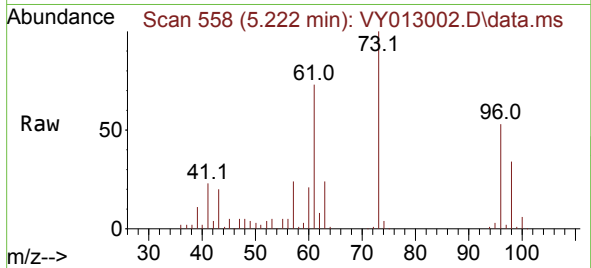




#19
Methyl tert-butyl Ether
Concen: 48.489 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

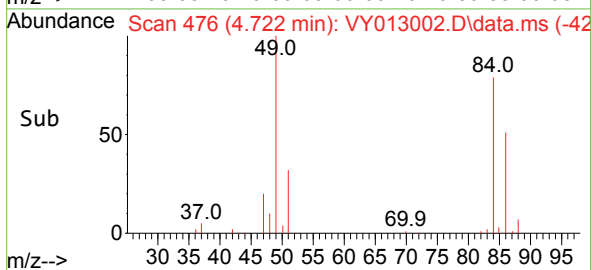
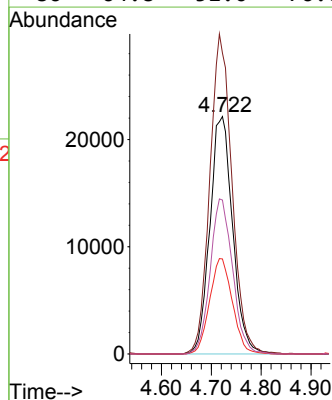
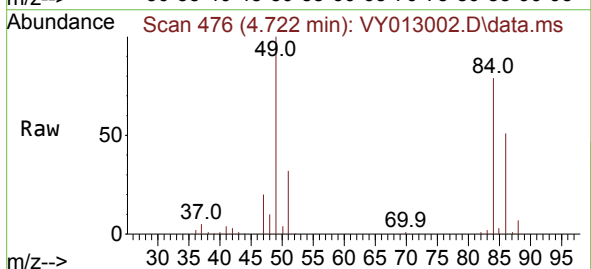
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

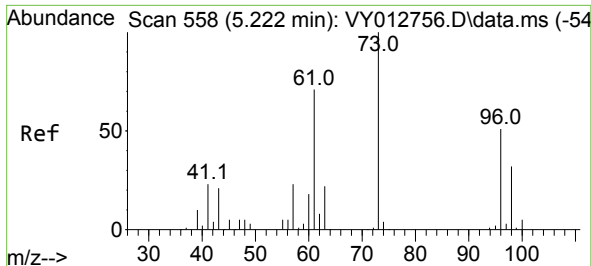
Tgt Ion: 73 Resp: 150746
Ion Ratio Lower Upper
73 100
57 23.8 18.3 27.5



#20
Methylene Chloride
Concen: 50.484 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Tgt Ion: 84 Resp: 70098
Ion Ratio Lower Upper
84 100
49 126.8 102.6 154.0
51 40.0 31.9 47.9
86 64.8 51.0 76.6

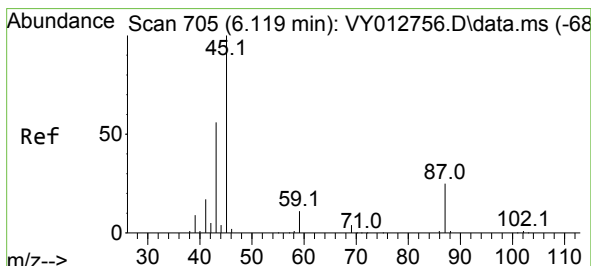
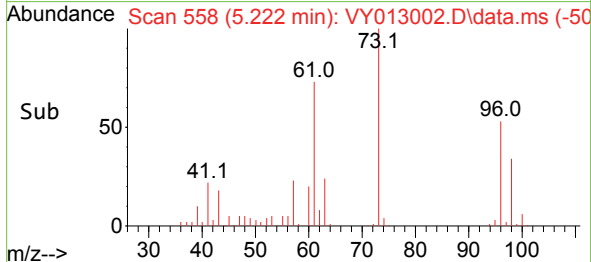
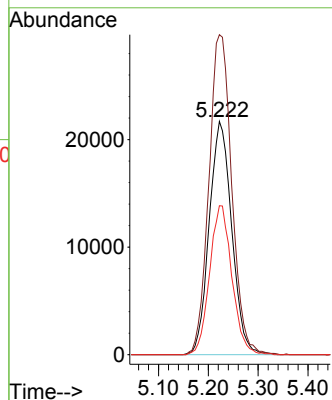
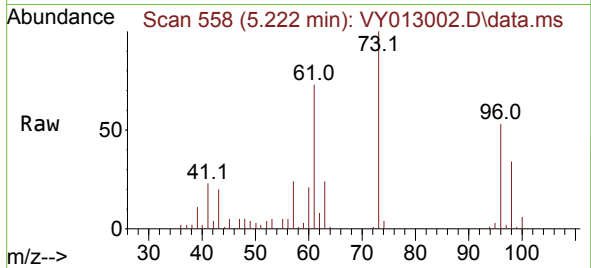




#21
trans-1,2-Dichloroethene
Concen: 52.089 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

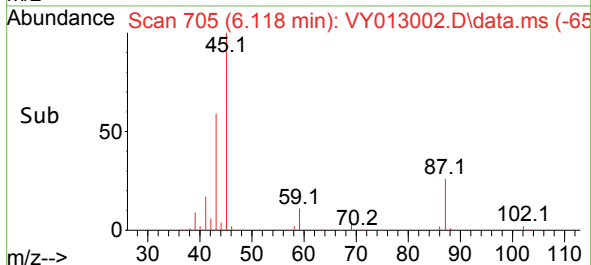
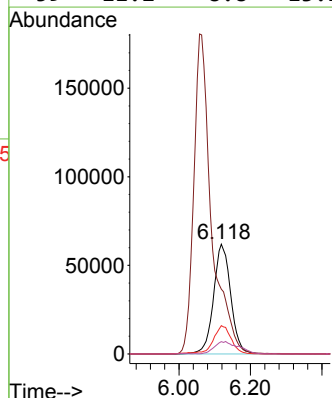
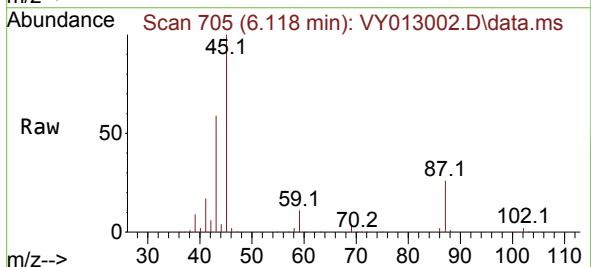
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

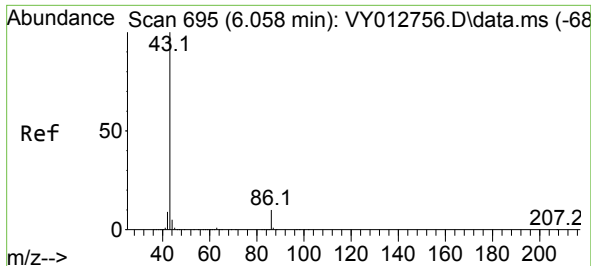
Tgt Ion: 96 Resp: 68130
Ion Ratio Lower Upper
96 100
61 137.2 111.4 167.0
98 63.9 50.8 76.2



#22
Diisopropyl ether
Concen: 51.260 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Tgt Ion: 45 Resp: 206996
Ion Ratio Lower Upper
45 100
43 58.6 45.0 67.6
87 25.8 20.3 30.5
59 11.2 8.8 13.2

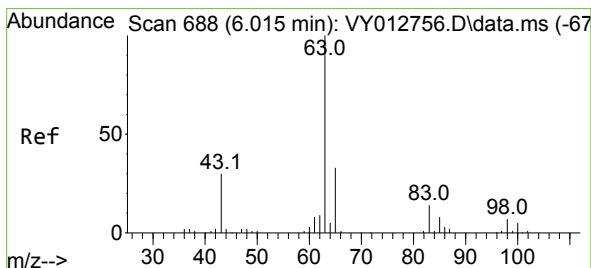
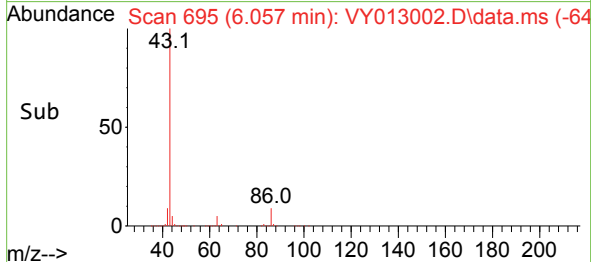
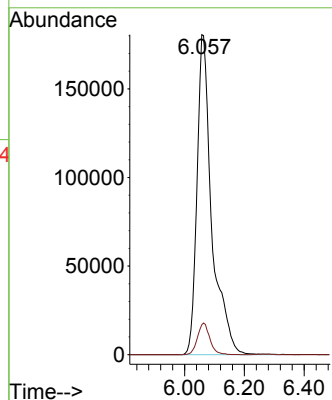
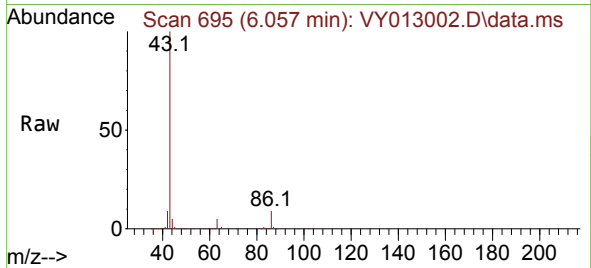




#23
 Vinyl Acetate
 Concen: 247.614 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: VY013002.D
 Acq: 20 Mar 2023 11:00

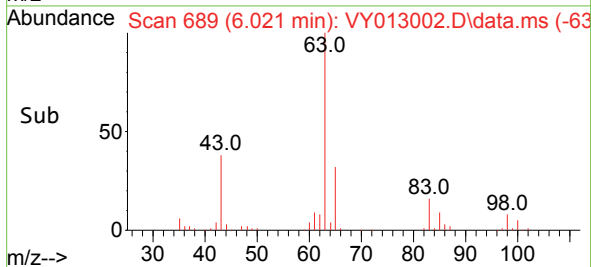
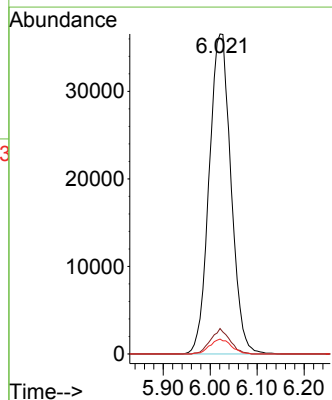
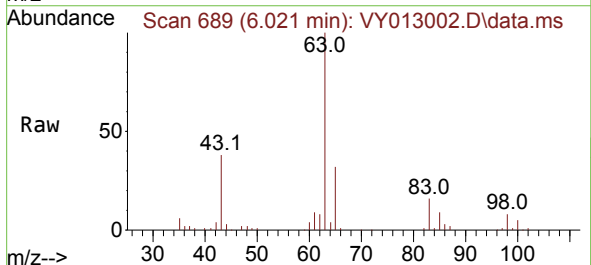
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

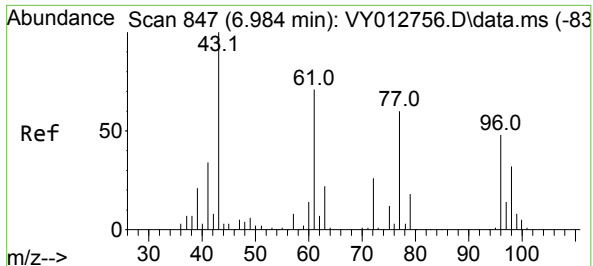
Tgt Ion: 43 Resp: 621280
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 51.221 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY013002.D
 Acq: 20 Mar 2023 11:00

Tgt Ion: 63 Resp: 117863
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.7 11.1
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 234.883 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

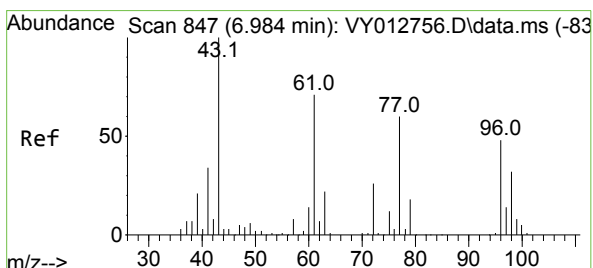
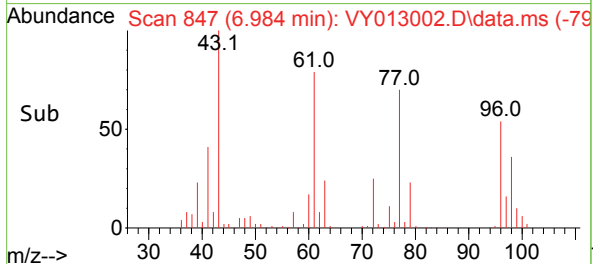
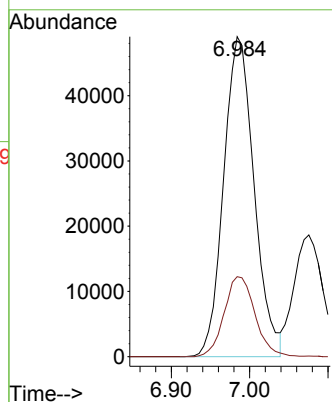
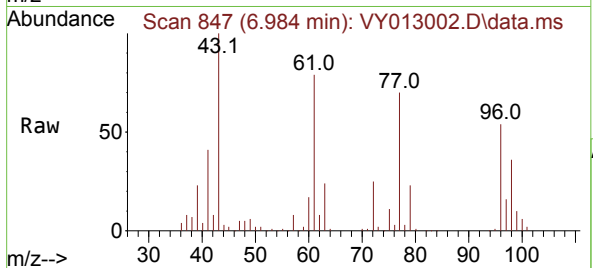
VSTDCCC050

Tgt Ion: 43 Resp: 132513

Ion Ratio Lower Upper

43 100

72 25.0 21.0 31.4



#26

2,2-Dichloropropane

Concen: 50.794 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013002.D

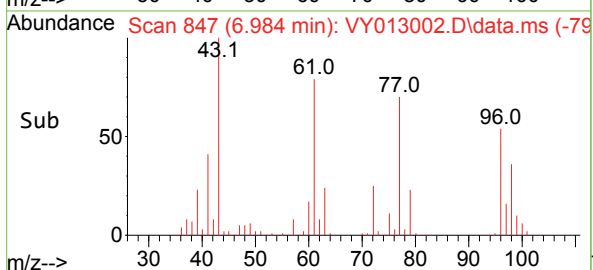
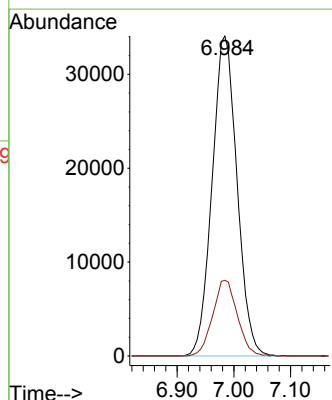
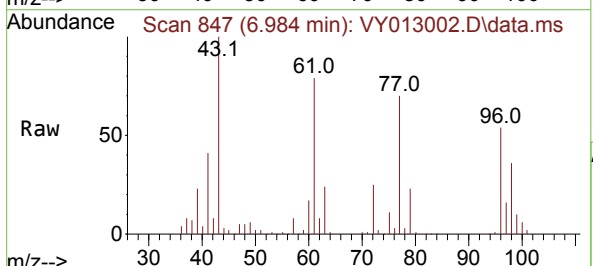
Acq: 20 Mar 2023 11:00

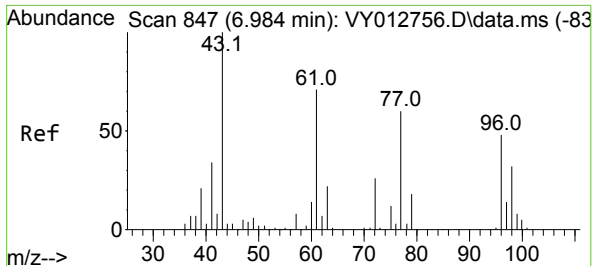
Tgt Ion: 77 Resp: 103808

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 52.112 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

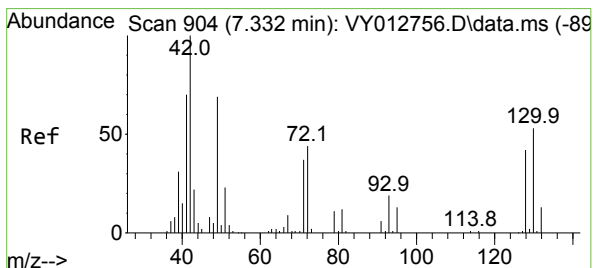
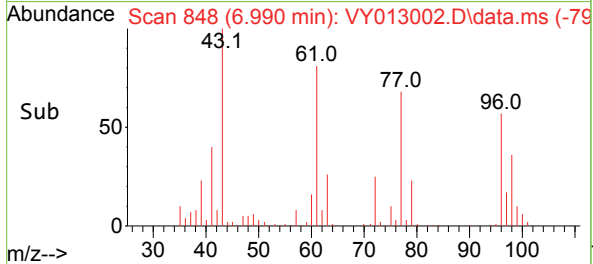
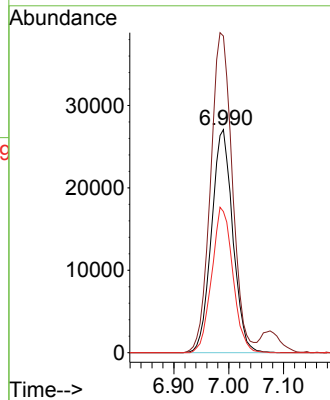
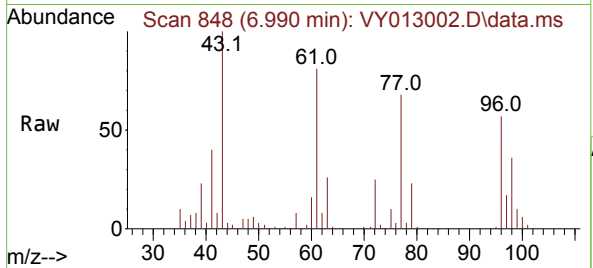
Tgt Ion: 96 Resp: 73076

Ion Ratio Lower Upper

96 100

61 146.3 0.0 295.8

98 64.6 0.0 130.2



#28

Bromochloromethane

Concen: 46.786 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

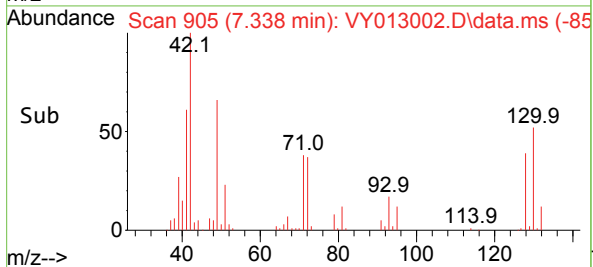
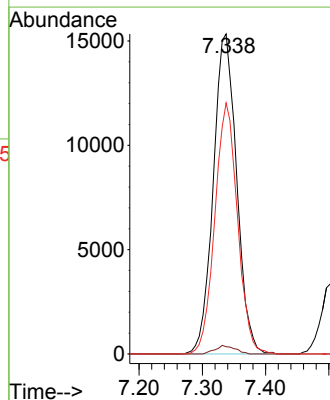
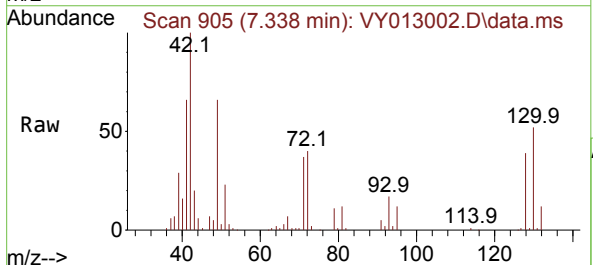
Tgt Ion: 49 Resp: 39343

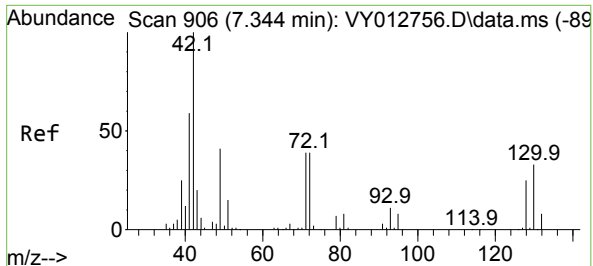
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

130 76.0 60.5 90.7





#29

Tetrahydrofuran

Concen: 220.658 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

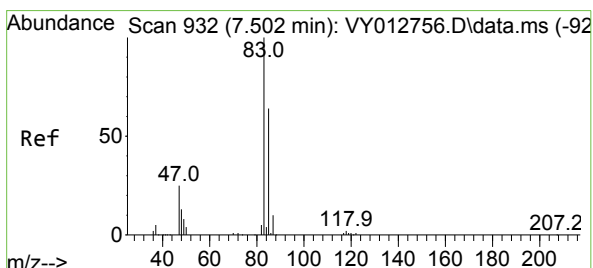
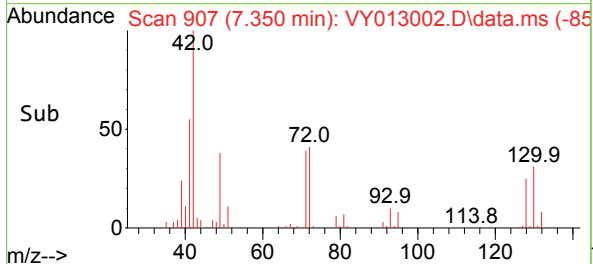
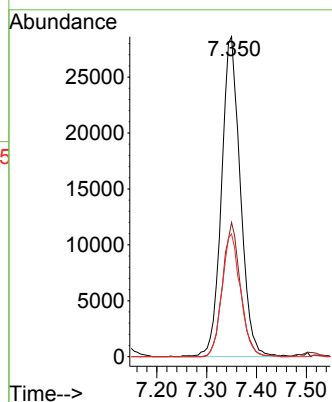
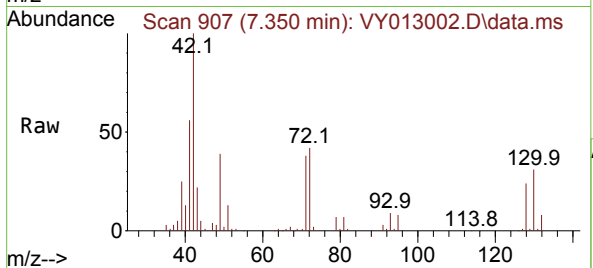
Tgt Ion: 42 Resp: 75081

Ion Ratio Lower Upper

42 100

72 39.9 32.3 48.5

71 37.9 30.3 45.5



#30

Chloroform

Concen: 51.780 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY013002.D

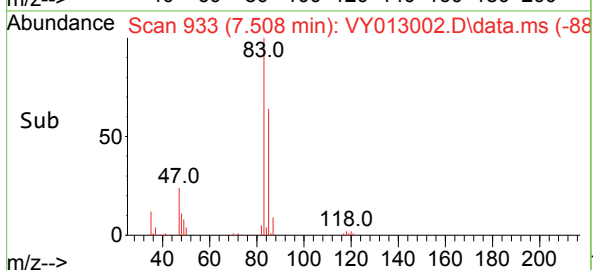
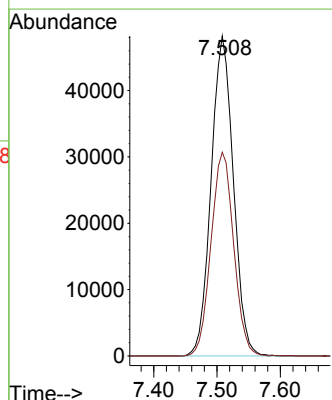
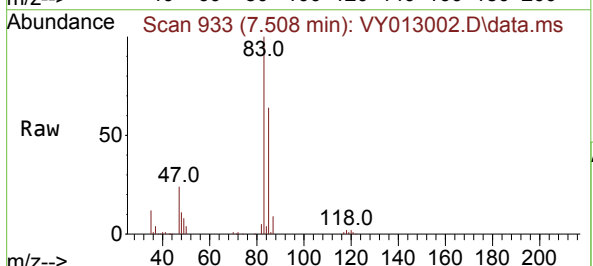
Acq: 20 Mar 2023 11:00

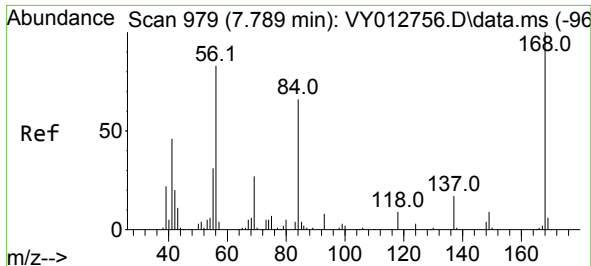
Tgt Ion: 83 Resp: 117690

Ion Ratio Lower Upper

83 100

85 63.7 51.4 77.0

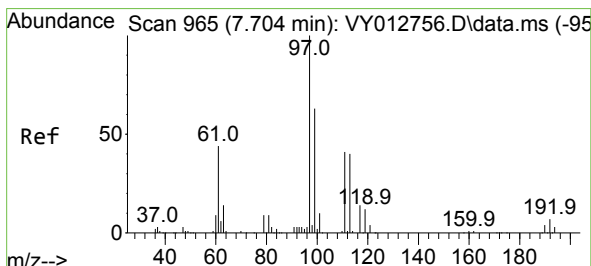
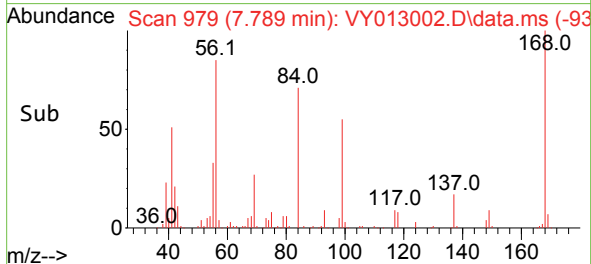
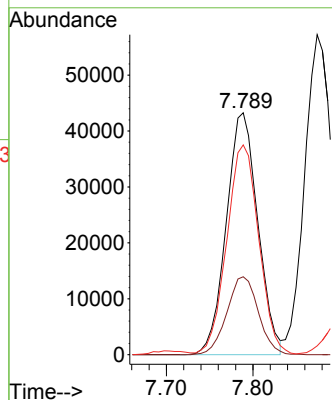
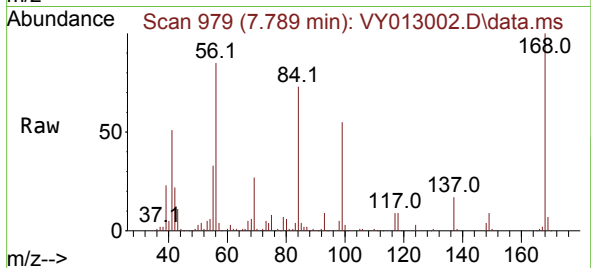




#31
Cyclohexane
Concen: 49.269 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

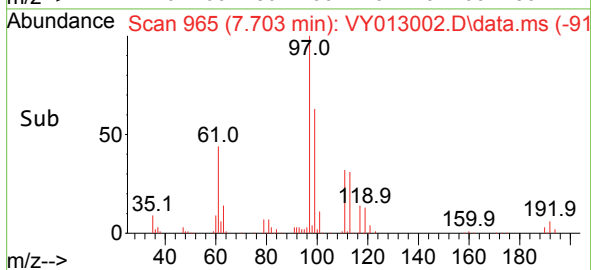
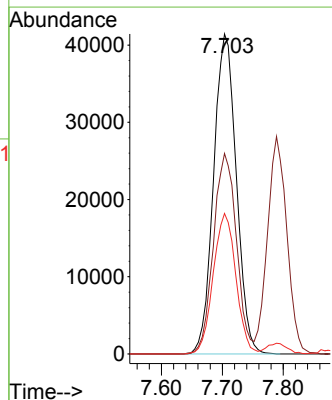
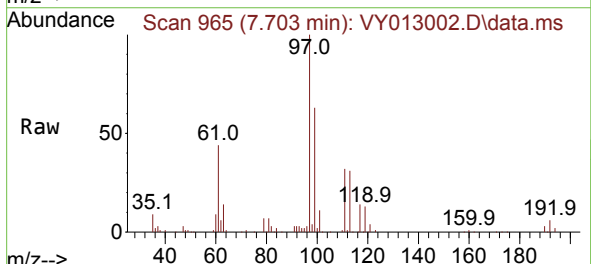
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

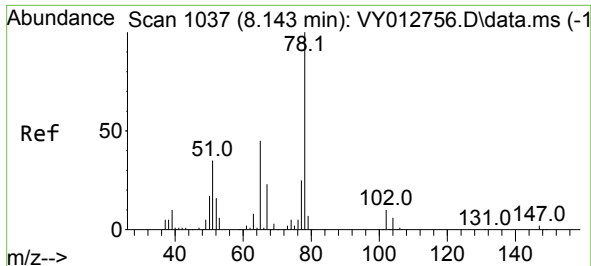
Tgt Ion: 56 Resp: 109500
Ion Ratio Lower Upper
56 100
69 32.2 25.7 38.5
84 85.3 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 52.302 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.001 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Tgt Ion: 97 Resp: 107503
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.6
61 43.9 34.5 51.7

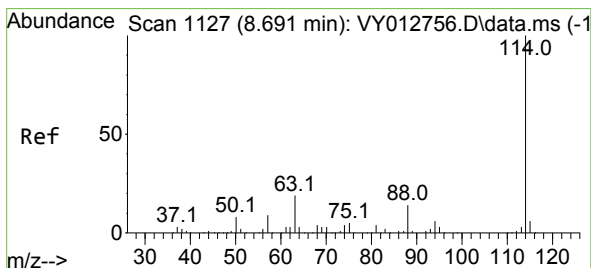
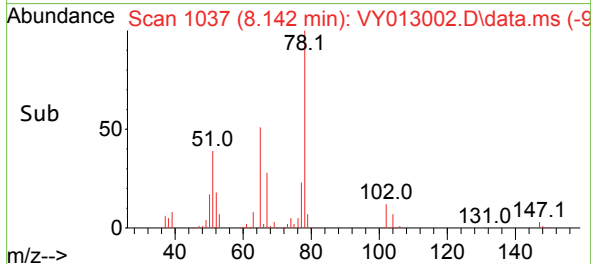
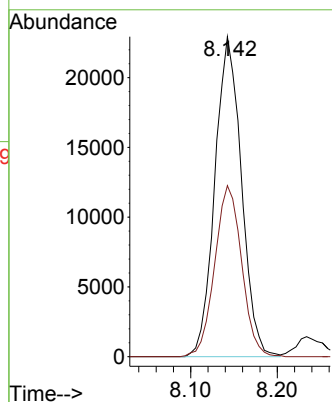
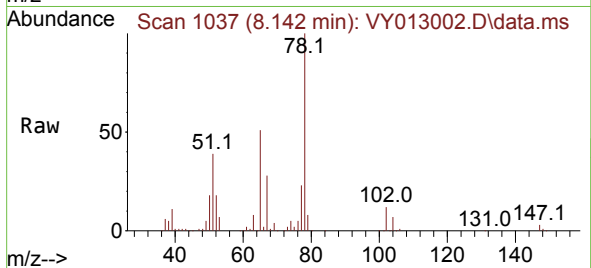




#33
 1,2-Dichloroethane-d4
 Concen: 42.073 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY013002.D
 Acq: 20 Mar 2023 11:00

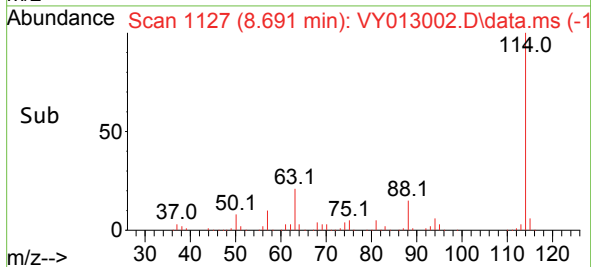
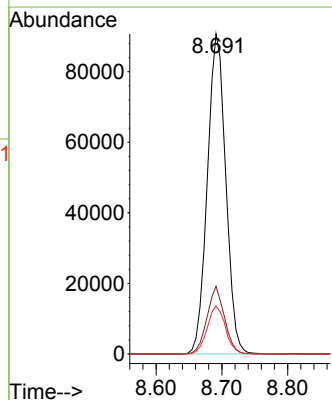
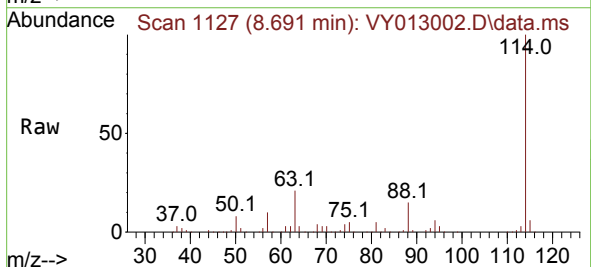
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

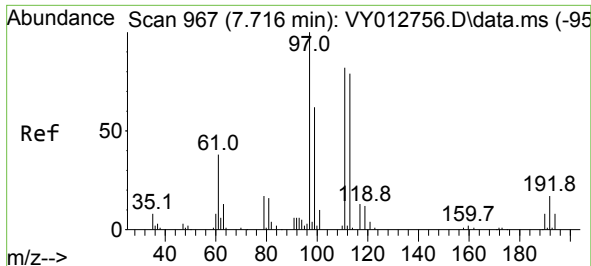
Tgt Ion: 65 Resp: 48824
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY013002.D
 Acq: 20 Mar 2023 11:00

Tgt Ion: 114 Resp: 176757
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 37.4
 88 15.0 0.0 28.6

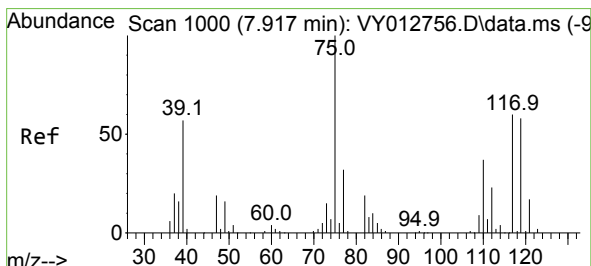
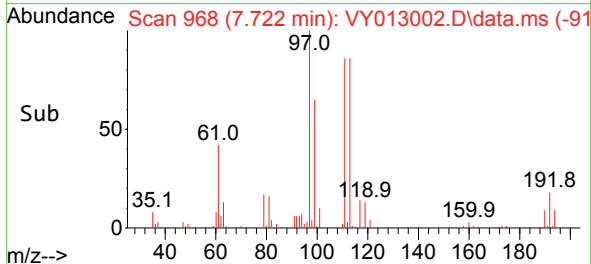
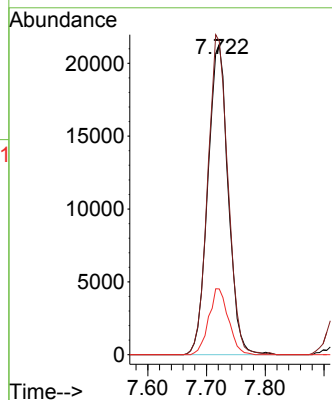
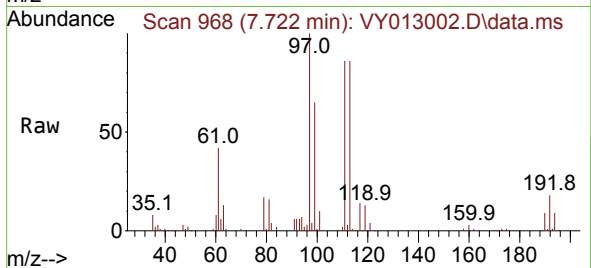




#35
Dibromofluoromethane
Concen: 47.983 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

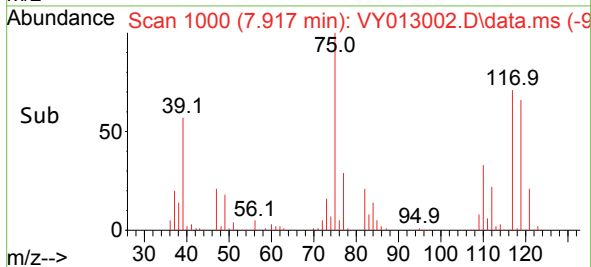
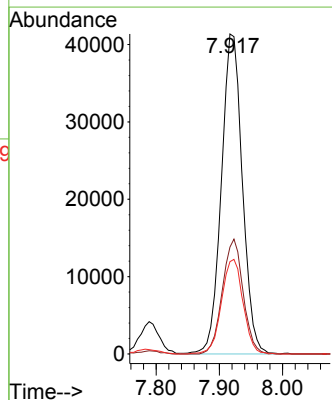
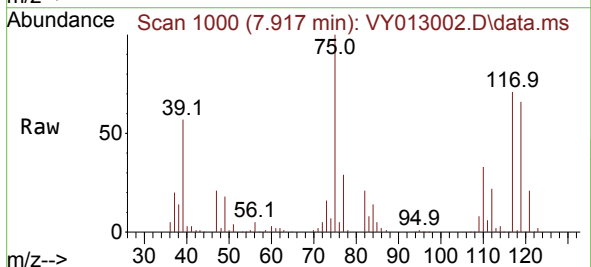
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

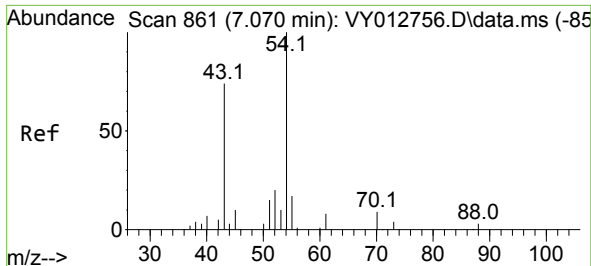
Tgt Ion:113 Resp: 51185
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 20.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 53.297 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Tgt Ion: 75 Resp: 95274
Ion Ratio Lower Upper
75 100
110 35.4 17.8 53.3
77 30.3 25.0 37.4





#37

Ethyl Acetate

Concen: 44.268 ug/l

RT: 7.075 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

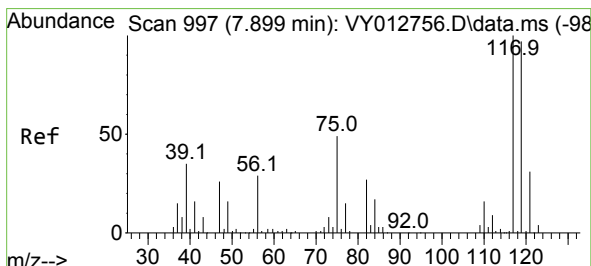
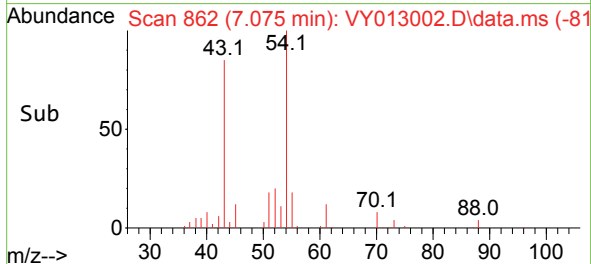
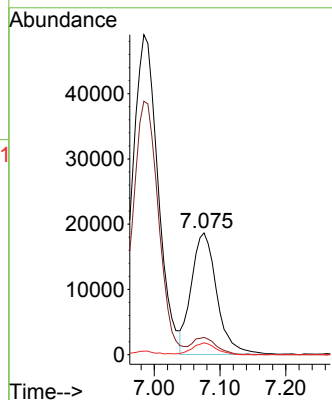
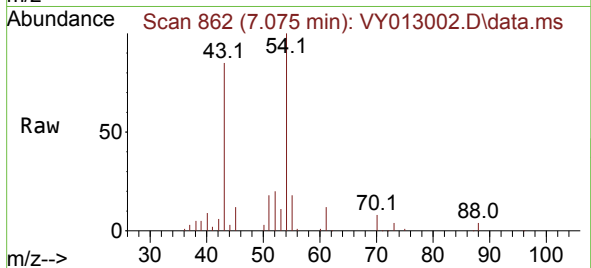
Tgt Ion: 43 Resp: 49876

Ion Ratio Lower Upper

43 100

61 13.9 10.7 16.1

70 9.1 7.8 11.8



#38

Carbon Tetrachloride

Concen: 53.910 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

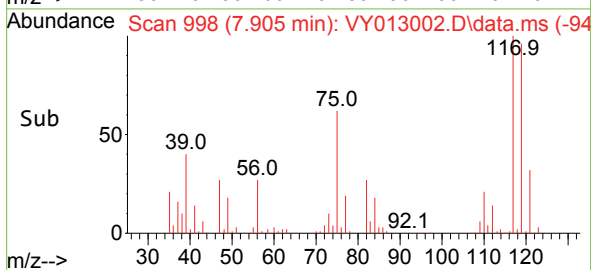
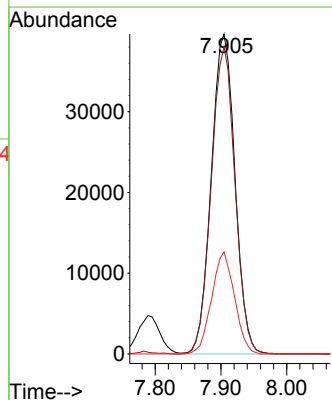
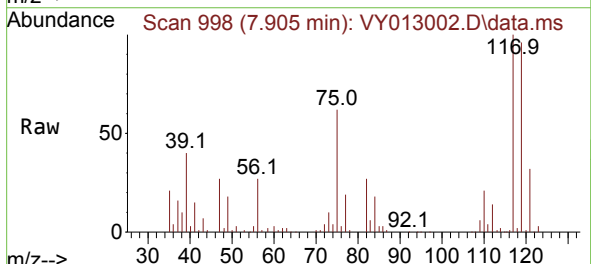
Tgt Ion: 117 Resp: 99517

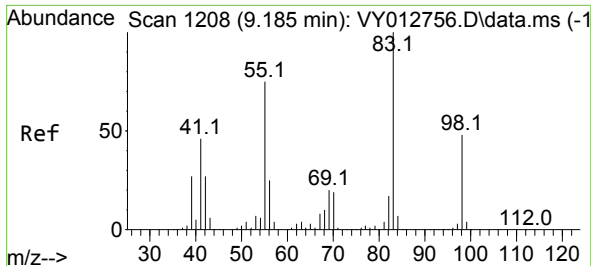
Ion Ratio Lower Upper

117 100

119 96.0 77.2 115.8

121 31.9 24.7 37.1





#39

Methylcyclohexane

Concen: 54.222 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

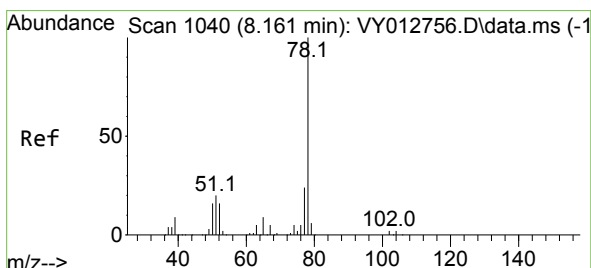
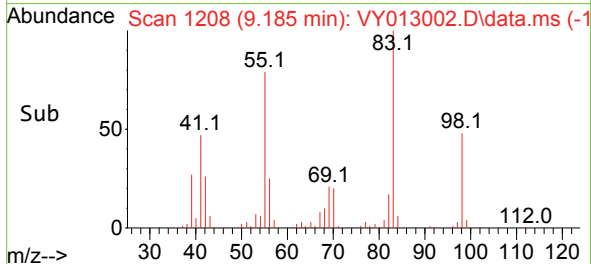
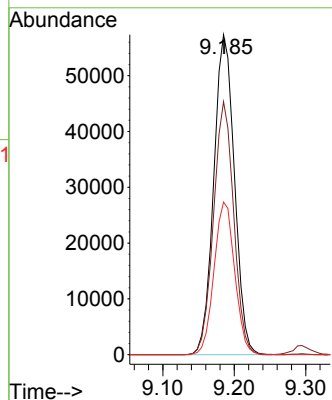
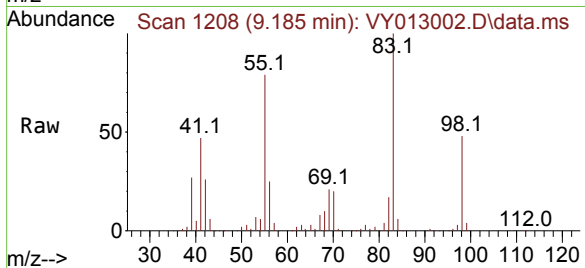
Tgt Ion: 83 Resp: 115234

Ion Ratio Lower Upper

83 100

55 79.0 60.0 90.0

98 47.7 38.3 57.5



#40

Benzene

Concen: 52.883 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013002.D

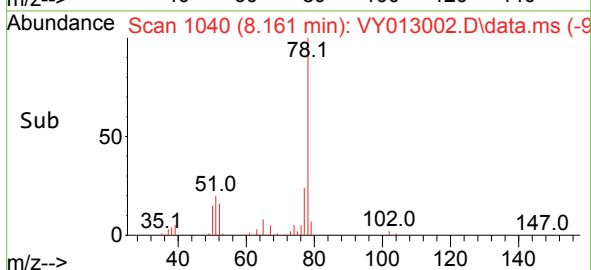
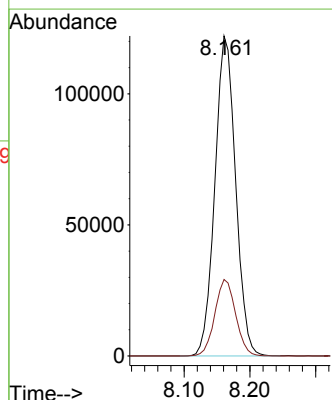
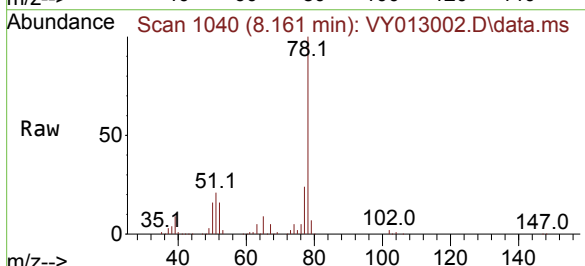
Acq: 20 Mar 2023 11:00

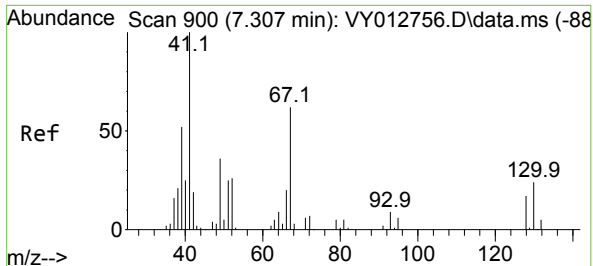
Tgt Ion: 78 Resp: 267408

Ion Ratio Lower Upper

78 100

77 23.9 19.4 29.0

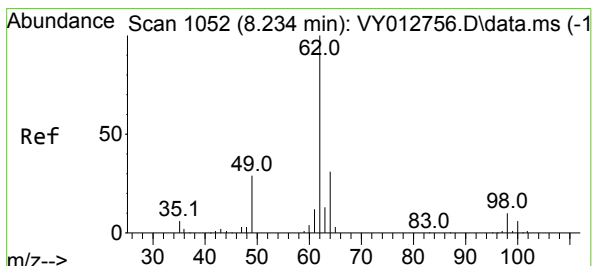
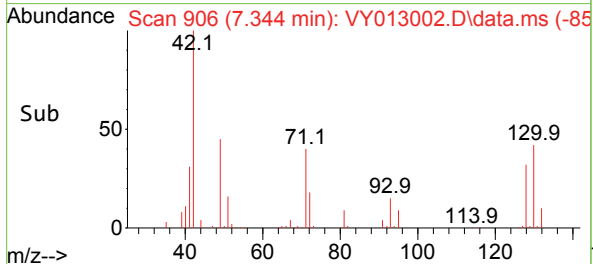
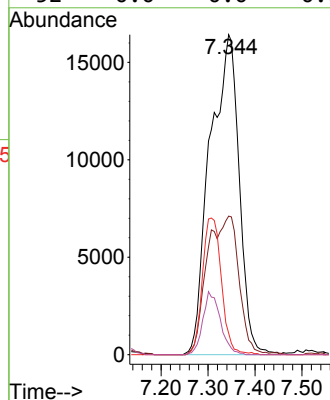
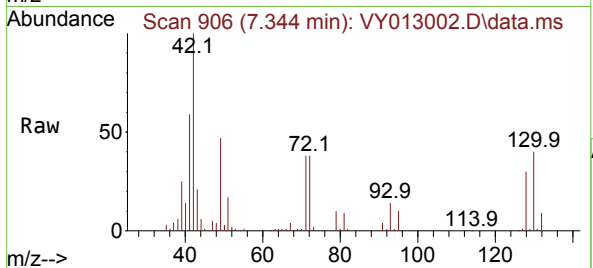




#41
Methacrylonitrile
Concen: 116.219 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.036 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

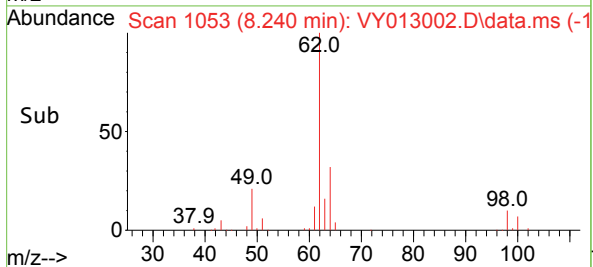
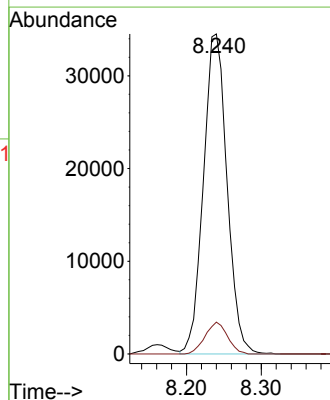
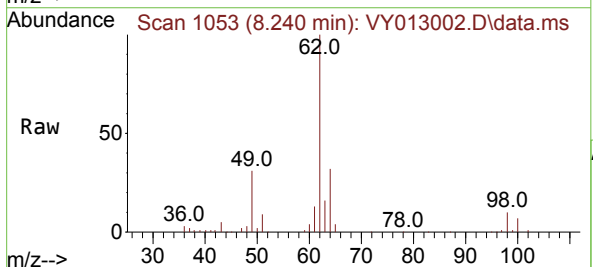
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

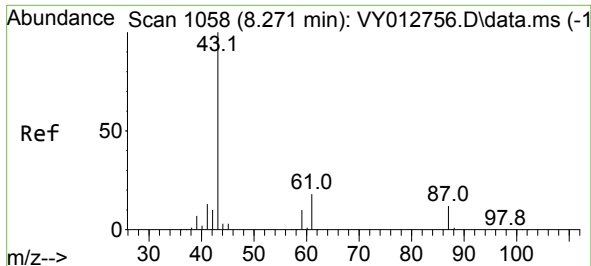
Tgt Ion:	41	Resp:	70549
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 49.894 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Tgt Ion:	62	Resp:	75852
Ion Ratio	Lower	Upper	
62	100		
98	9.4	0.0	18.8

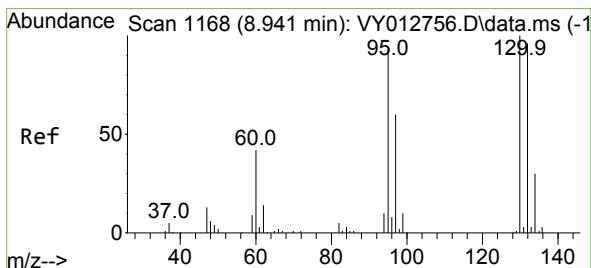
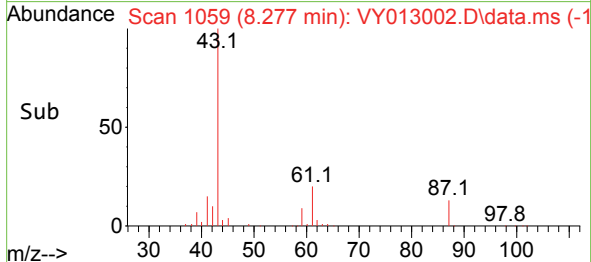
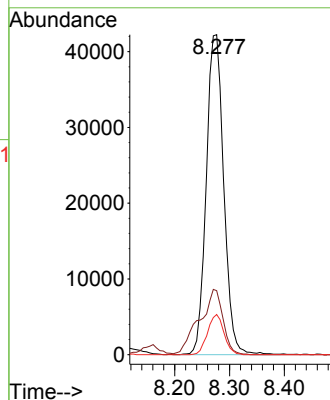
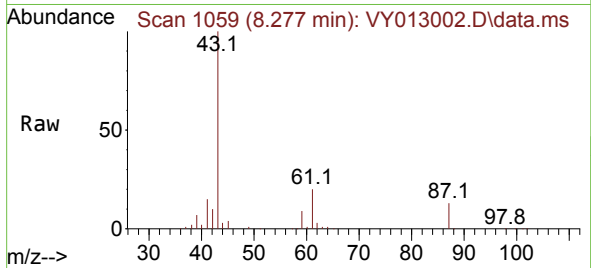




#43
Isopropyl Acetate
Concen: 46.450 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

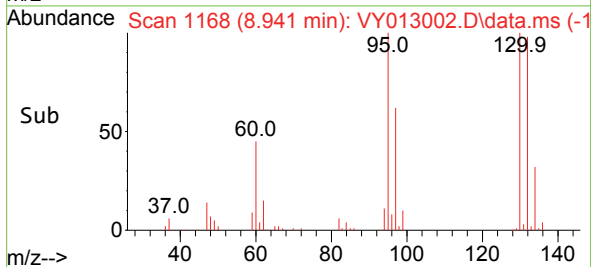
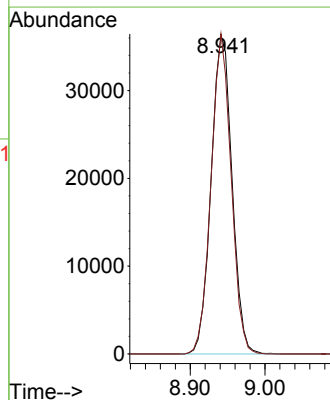
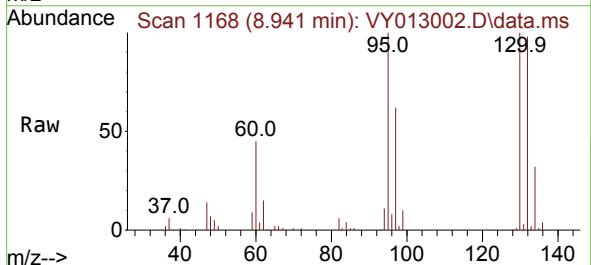
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

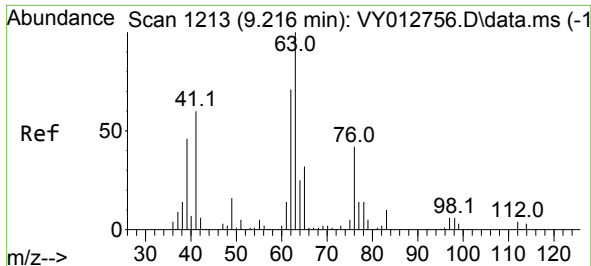
Tgt Ion: 43 Resp: 93372
Ion Ratio Lower Upper
43 100
61 27.5 21.6 32.4
87 11.8 9.9 14.9



#44
Trichloroethene
Concen: 52.991 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Tgt Ion:130 Resp: 70647
Ion Ratio Lower Upper
130 100
95 100.4 0.0 185.0

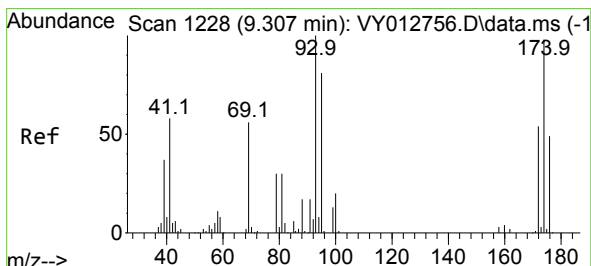
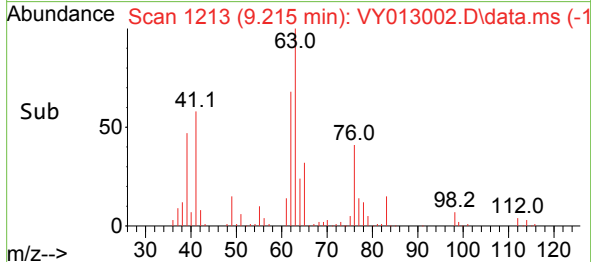
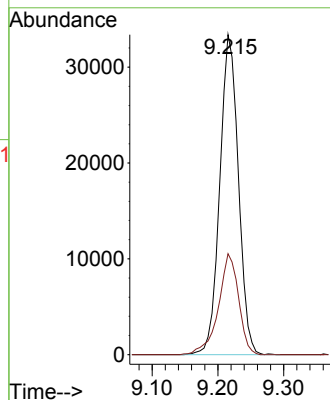
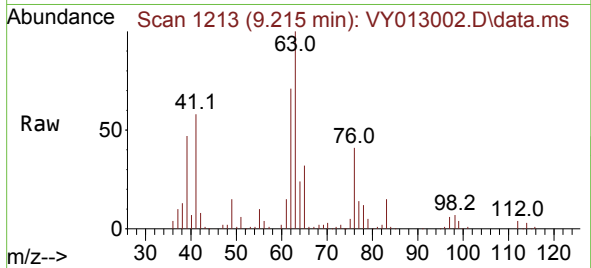




#45
1,2-Dichloropropane
Concen: 51.428 ug/l
RT: 9.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

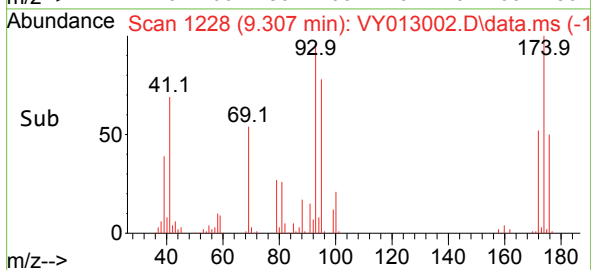
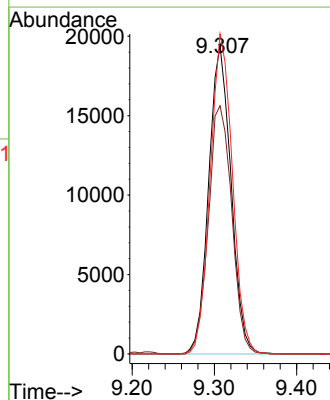
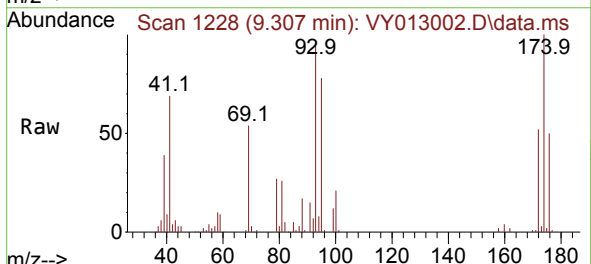
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

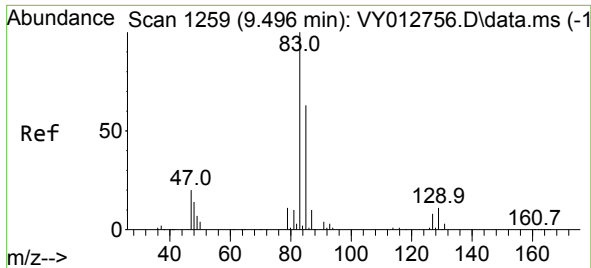
Tgt Ion: 63 Resp: 65722
Ion Ratio Lower Upper
63 100
65 31.6 25.7 38.5



#46
Dibromomethane
Concen: 50.274 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Tgt Ion: 93 Resp: 36602
Ion Ratio Lower Upper
93 100
95 84.2 65.6 98.4
174 103.4 81.3 121.9

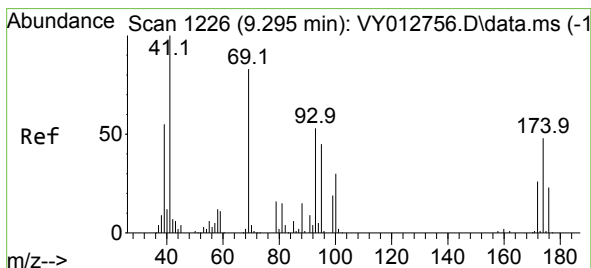
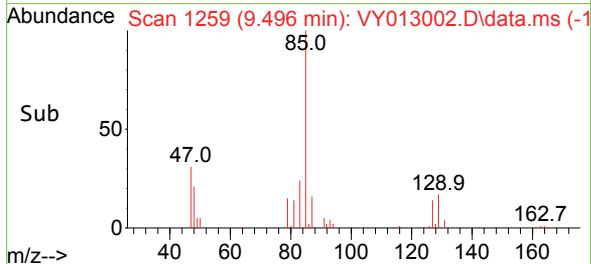
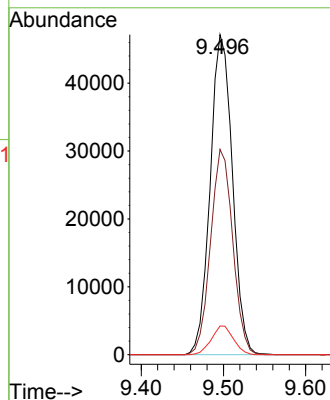
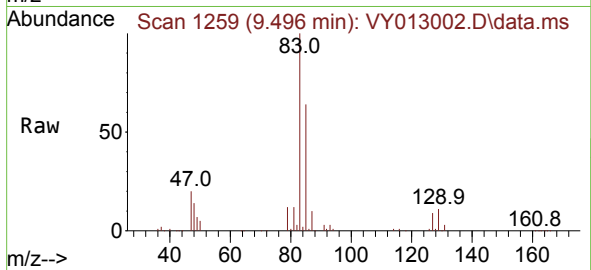




#47
Bromodichloromethane
Concen: 51.543 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

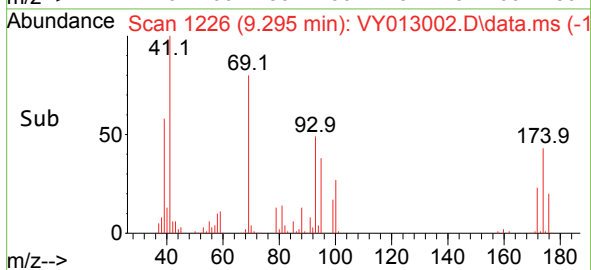
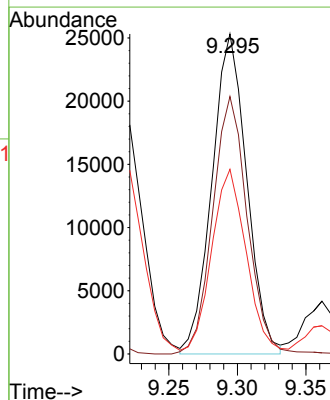
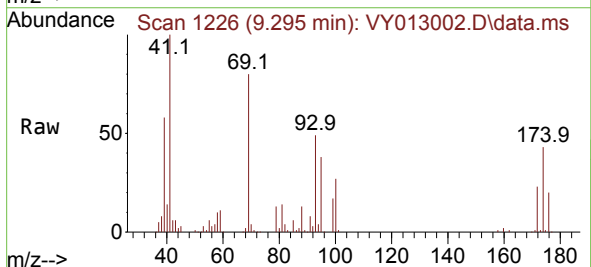
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

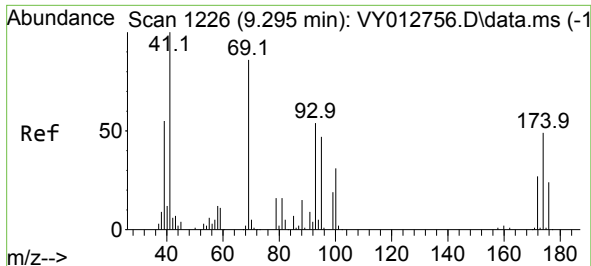
Tgt Ion: 83	Resp: 88431
Ion Ratio	Lower Upper
83 100	
85 64.1	50.2 75.4
127 8.9	6.3 9.5



#48
Methyl methacrylate
Concen: 48.214 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Tgt Ion: 41	Resp: 44657
Ion Ratio	Lower Upper
41 100	
69 80.3	64.1 96.1
39 55.6	44.0 66.0





#49

1,4-Dioxane

Concen: 944.131 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

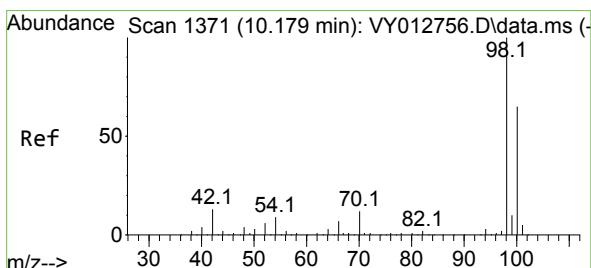
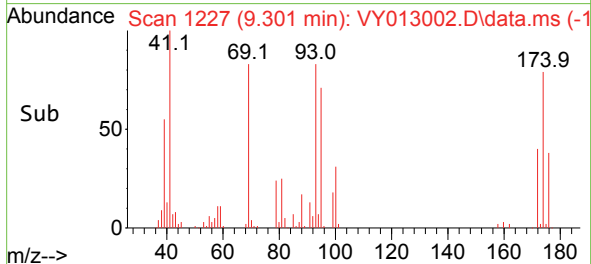
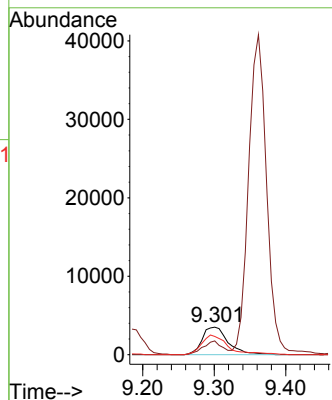
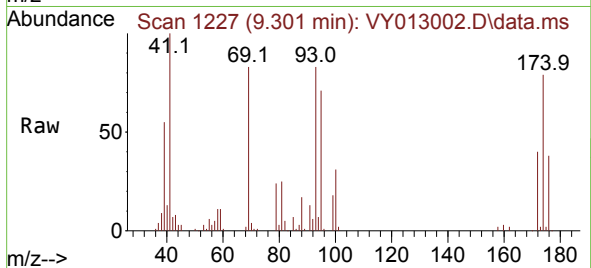
Tgt Ion: 88 Resp: 8886

Ion Ratio Lower Upper

88 100

43 36.2 28.6 42.8

58 72.9 55.2 82.8



#50

Toluene-d8

Concen: 43.746 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013002.D

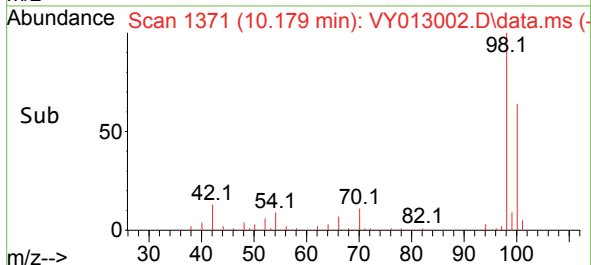
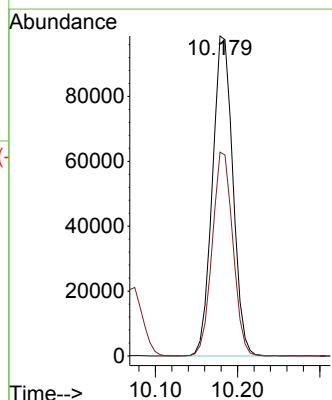
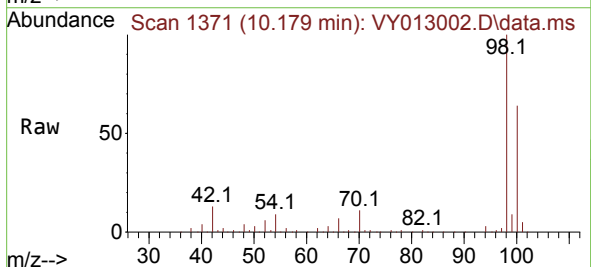
Acq: 20 Mar 2023 11:00

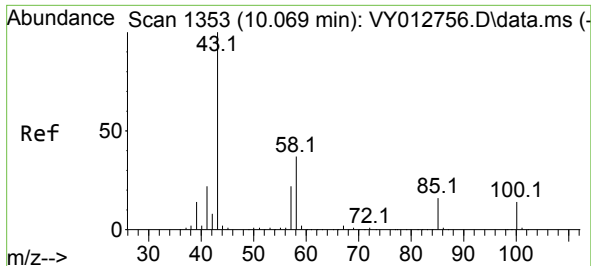
Tgt Ion: 98 Resp: 170597

Ion Ratio Lower Upper

98 100

100 64.2 50.9 76.3

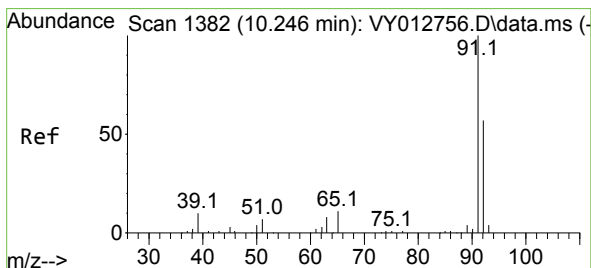
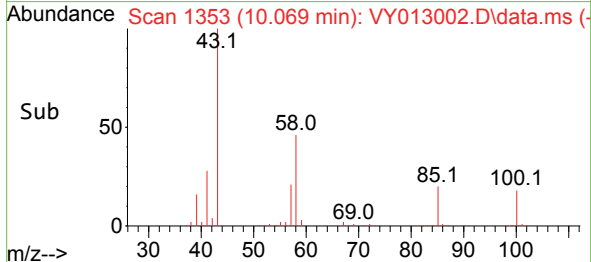
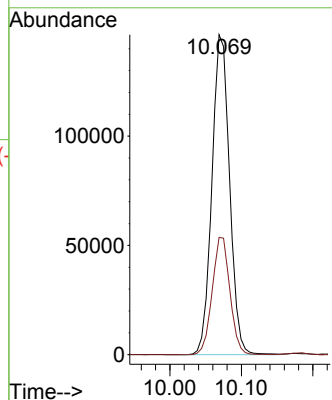
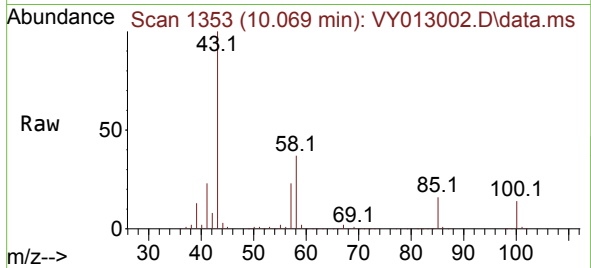




#51
4-Methyl-2-Pentanone
Concen: 229.977 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

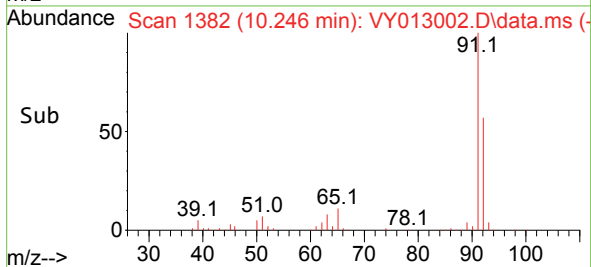
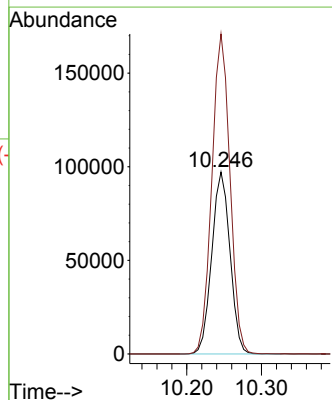
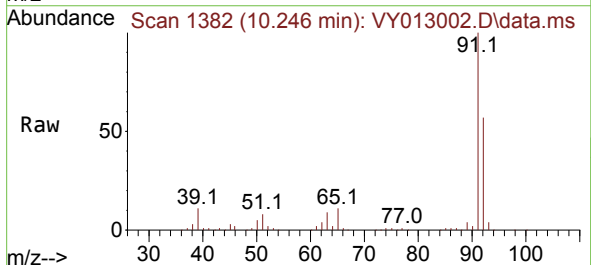
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

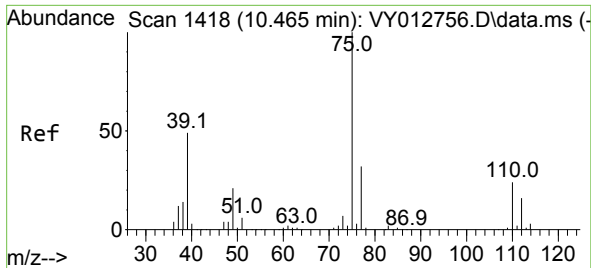
Tgt Ion: 43 Resp: 250764
Ion Ratio Lower Upper
43 100
58 36.9 29.8 44.6



#52
Toluene
Concen: 53.939 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Tgt Ion: 92 Resp: 164492
Ion Ratio Lower Upper
92 100
91 175.2 141.3 211.9

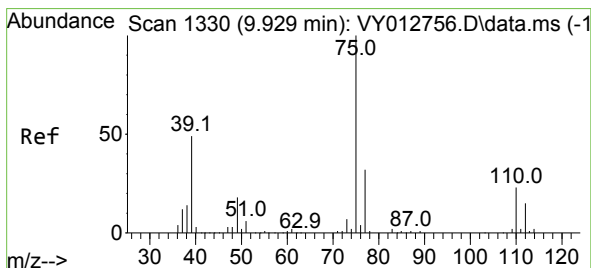
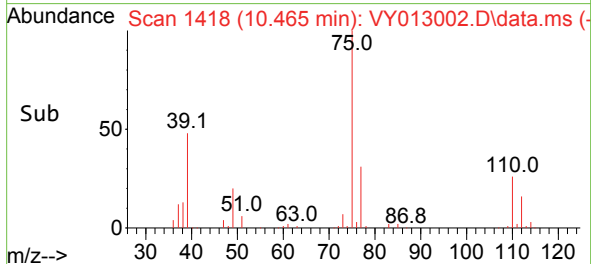
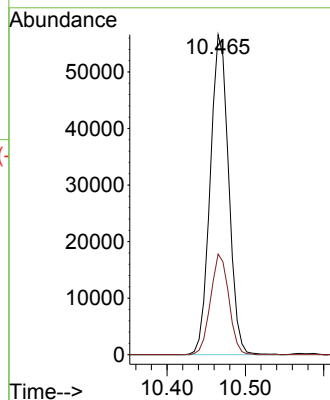
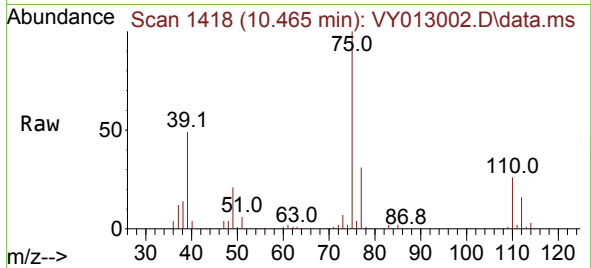




#53
 t-1,3-Dichloropropene
 Concen: 51.322 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY013002.D
 Acq: 20 Mar 2023 11:00

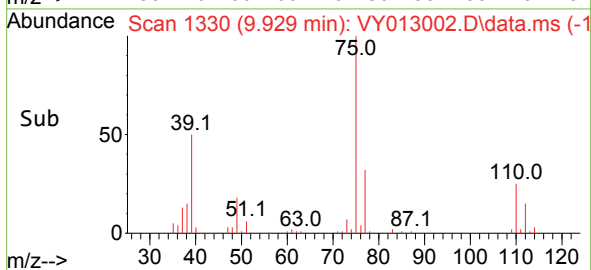
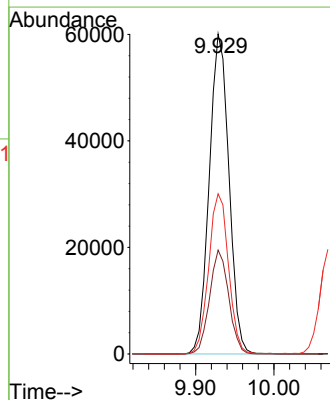
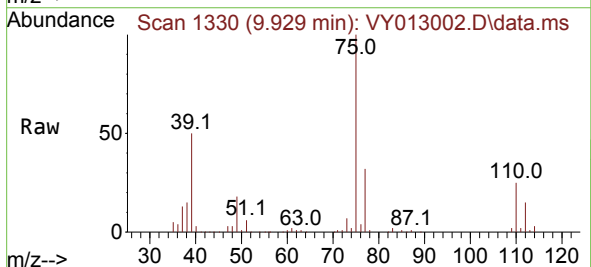
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

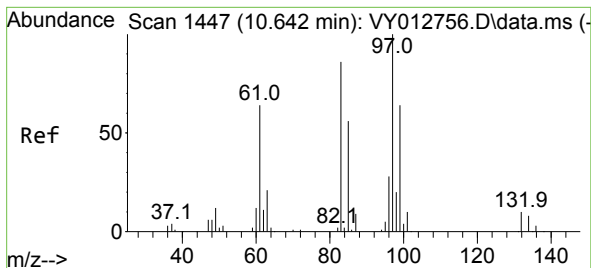
Tgt Ion: 75 Resp: 92357
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 51.413 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013002.D
 Acq: 20 Mar 2023 11:00

Tgt Ion: 75 Resp: 104722
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.0
 39 50.1 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 48.470 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 49145

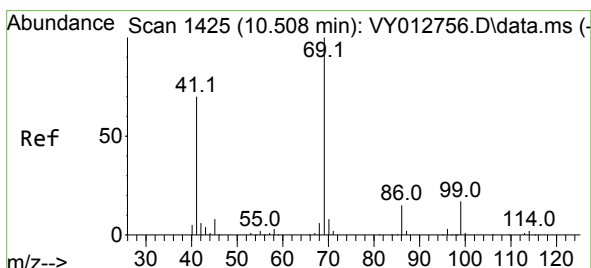
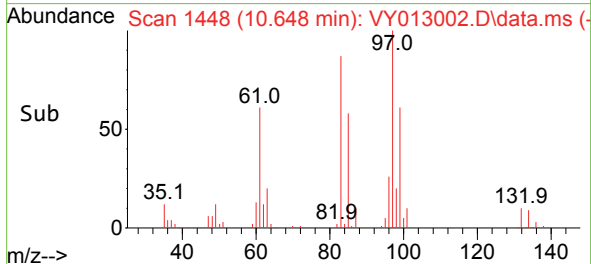
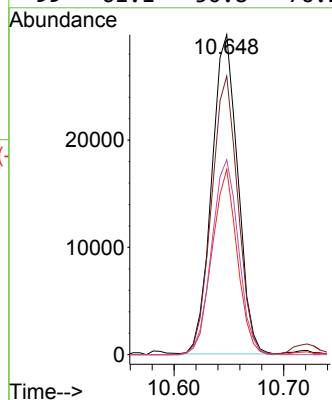
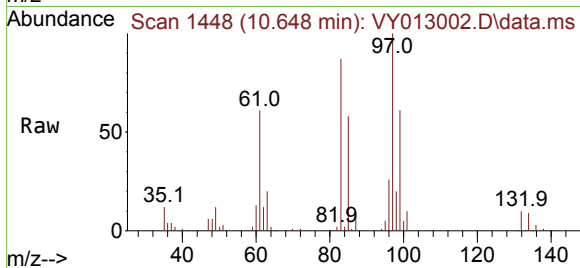
Ion Ratio Lower Upper

97 100

83 87.1 69.0 103.6

85 58.0 44.9 67.3

99 61.1 50.8 76.2



#56

Ethyl methacrylate

Concen: 49.390 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

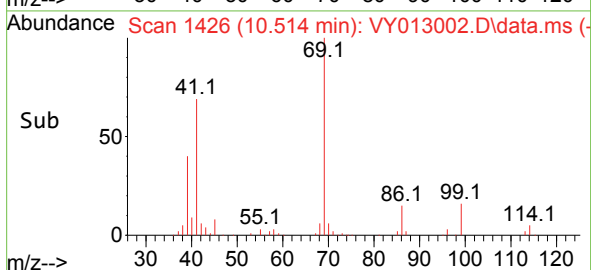
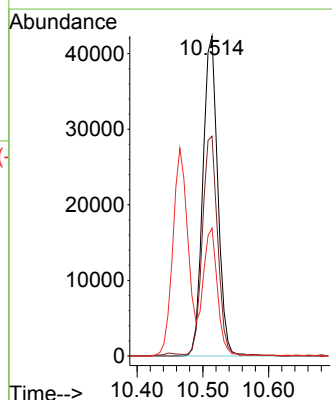
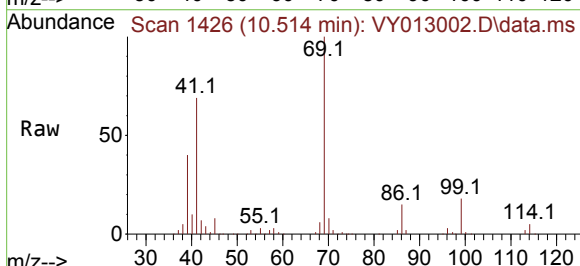
Tgt Ion: 69 Resp: 66773

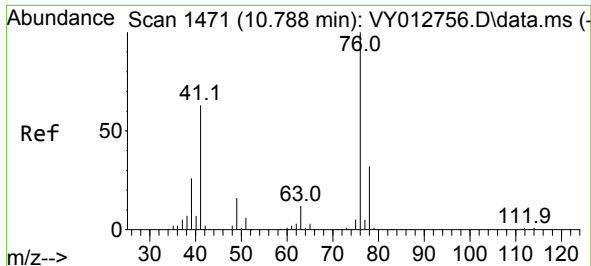
Ion Ratio Lower Upper

69 100

41 69.3 56.4 84.6

39 37.6 30.8 46.2





#57

1,3-Dichloropropane

Concen: 49.703 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

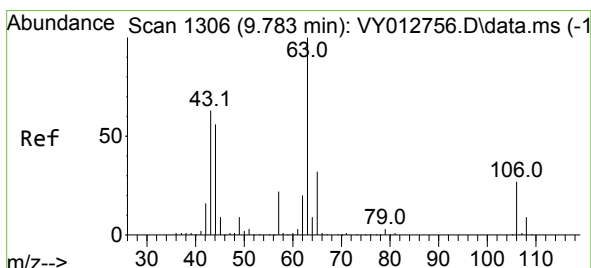
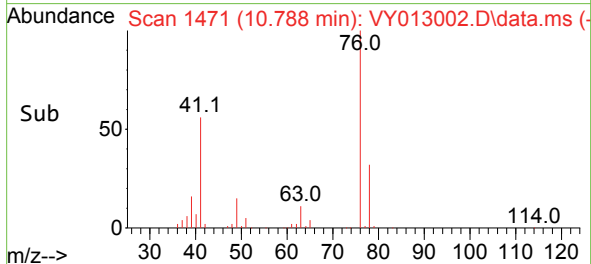
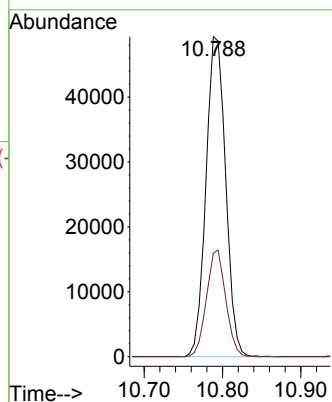
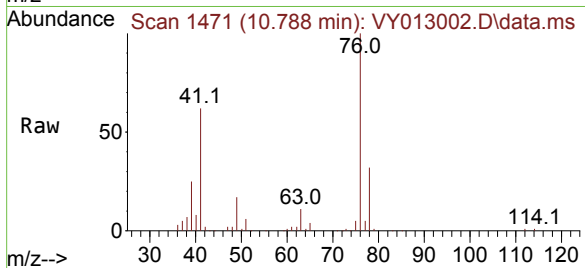
VSTDCCC050

Tgt Ion: 76 Resp: 85835

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 229.756 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY013002.D

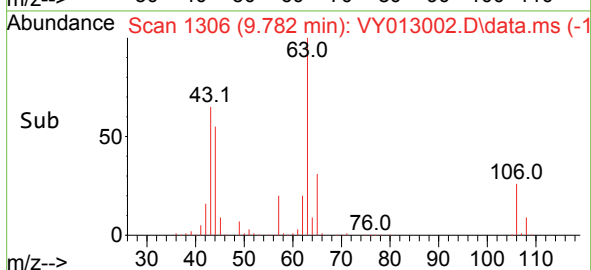
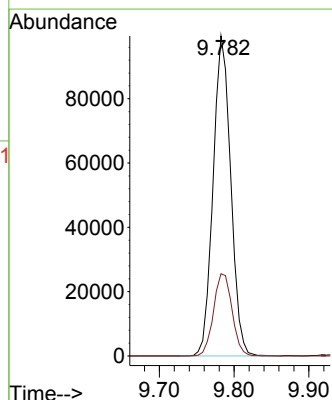
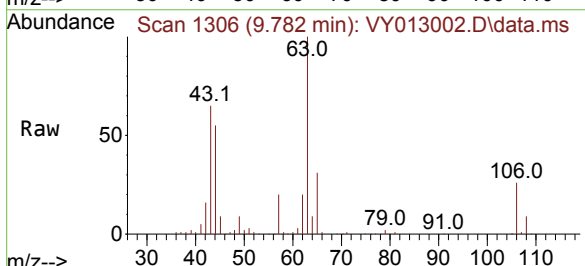
Acq: 20 Mar 2023 11:00

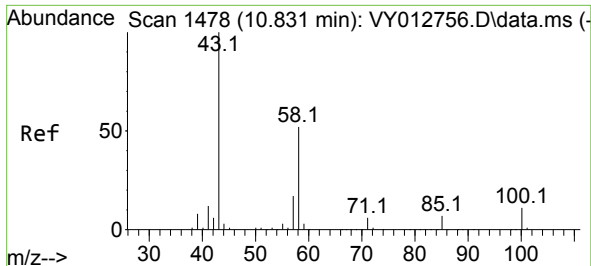
Tgt Ion: 63 Resp: 163061

Ion Ratio Lower Upper

63 100

106 27.0 22.1 33.1

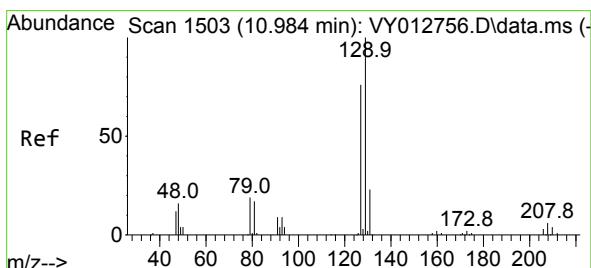
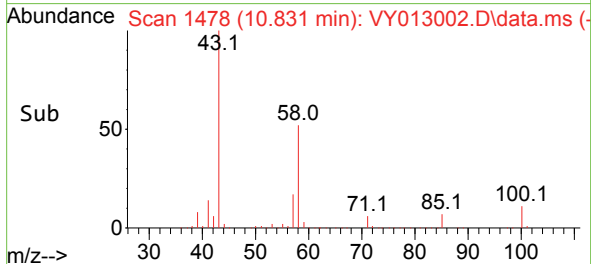
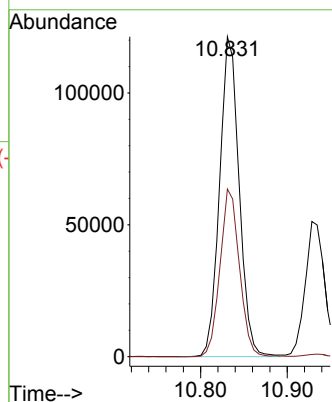
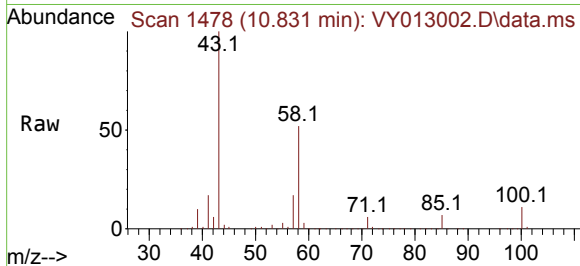




#59
2-Hexanone
Concen: 239.981 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

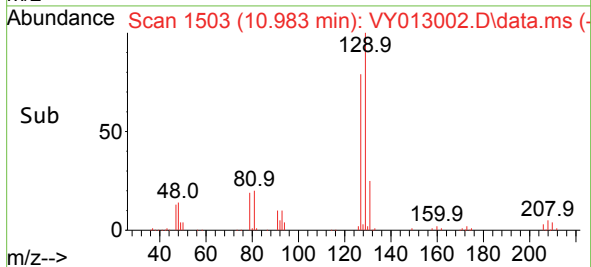
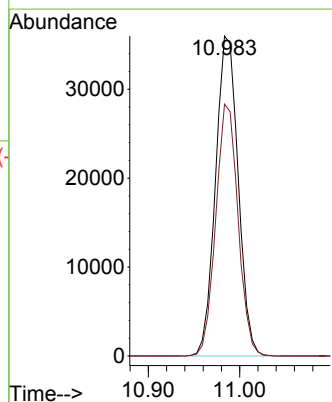
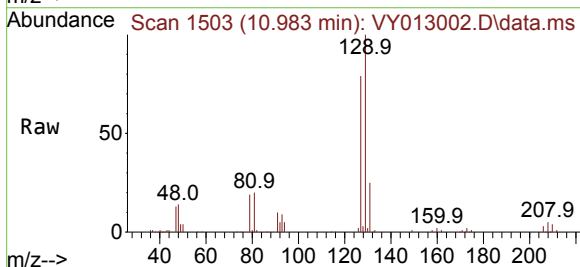
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

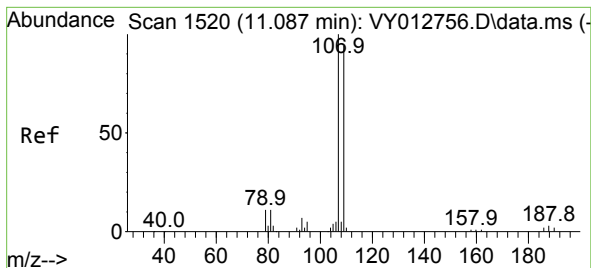
Tgt Ion: 43 Resp: 190179
Ion Ratio Lower Upper
43 100
58 52.2 25.9 77.8



#60
Dibromochloromethane
Concen: 50.192 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Tgt Ion: 129 Resp: 61948
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





#61

1,2-Dibromoethane

Concen: 49.203 ug/l

RT: 11.093 min Scan# 1521

Delta R.T. 0.006 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

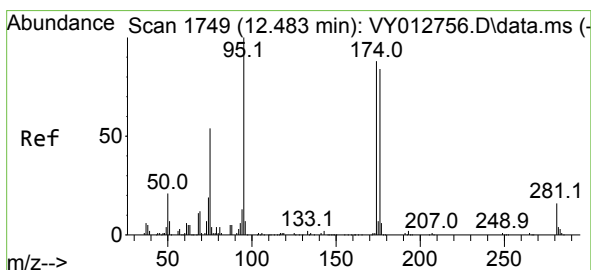
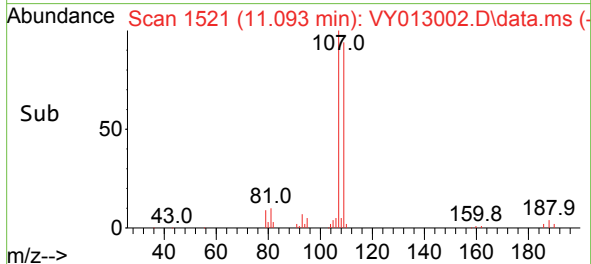
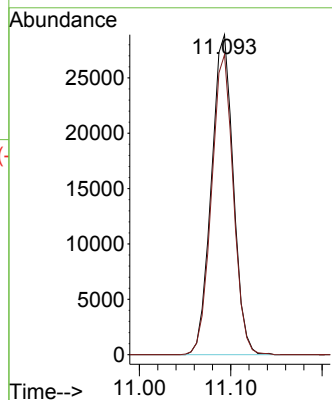
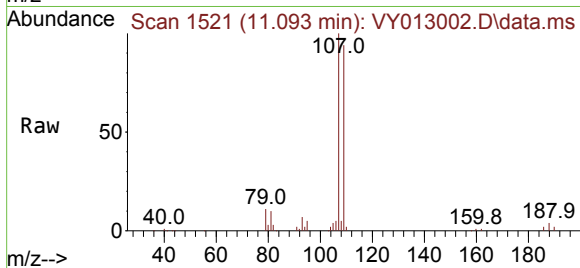
VSTDCCC050

Tgt Ion:107 Resp: 48056

Ion Ratio Lower Upper

107 100

109 93.2 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 47.584 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

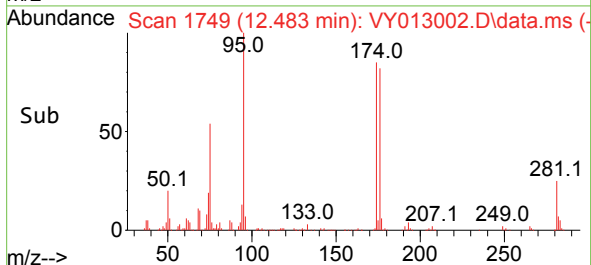
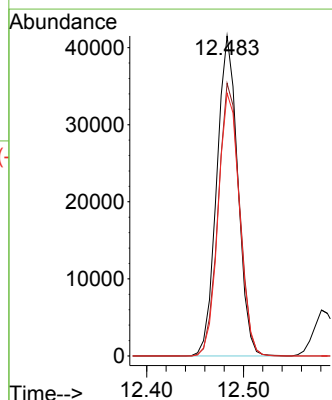
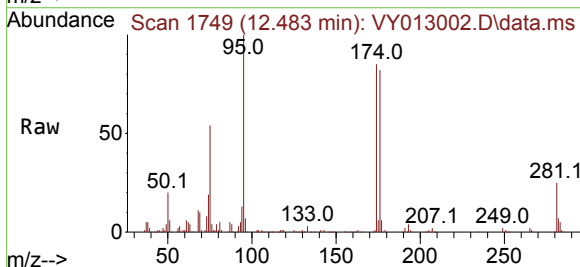
Tgt Ion: 95 Resp: 62633

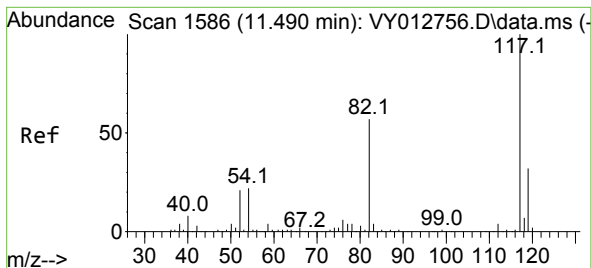
Ion Ratio Lower Upper

95 100

174 86.5 0.0 176.6

176 83.7 0.0 170.2

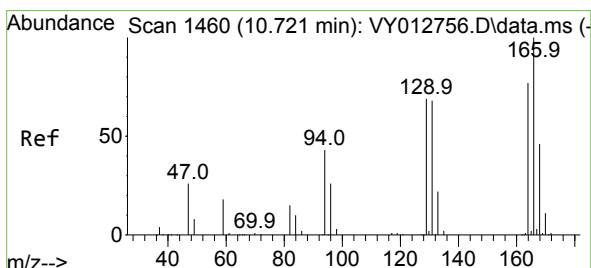
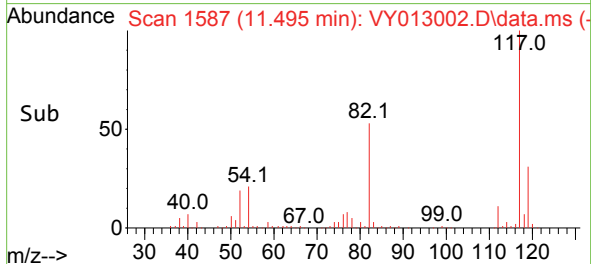
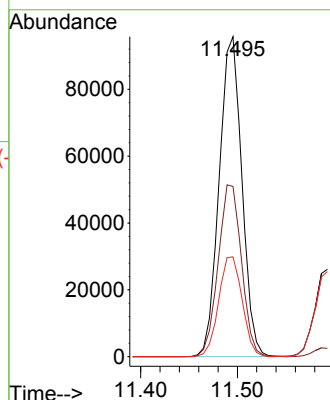
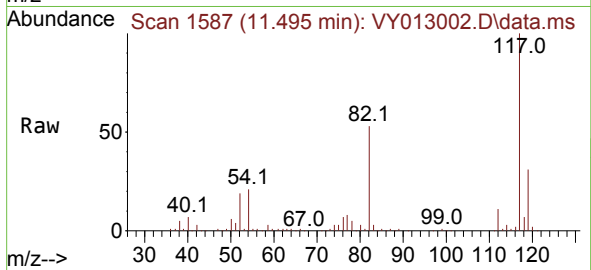




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

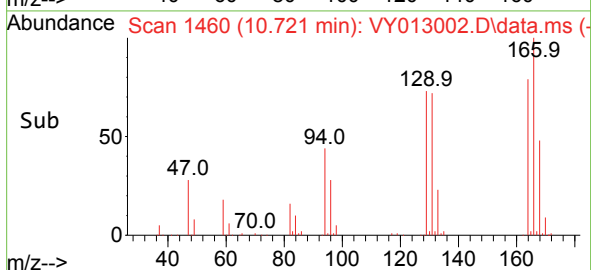
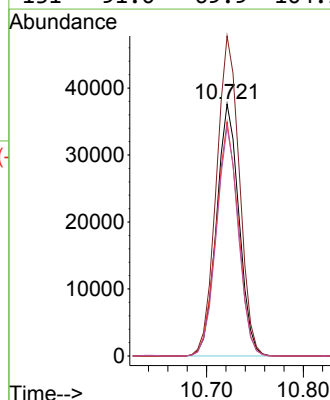
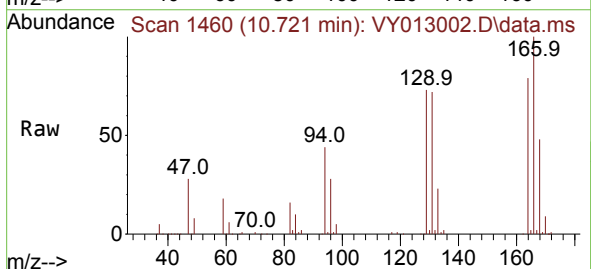
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

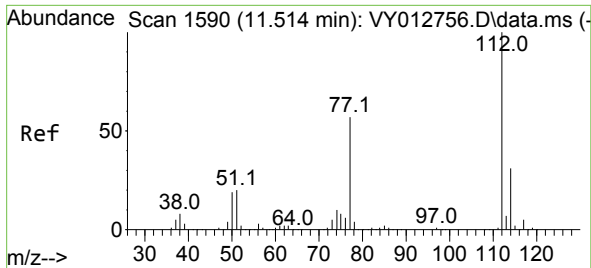
Tgt Ion:117 Resp: 156000
Ion Ratio Lower Upper
117 100
82 53.2 45.4 68.0
119 31.2 25.6 38.4



#64
Tetrachloroethene
Concen: 53.373 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Tgt Ion:164 Resp: 60621
Ion Ratio Lower Upper
164 100
166 127.0 103.4 155.2
129 92.9 71.4 107.2
131 91.0 69.9 104.9

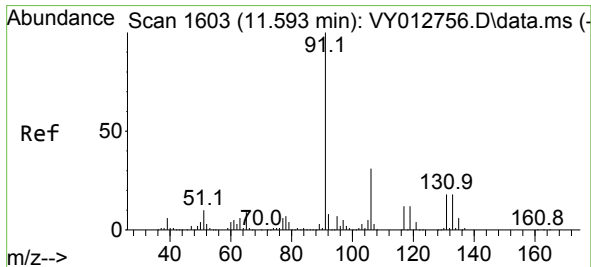
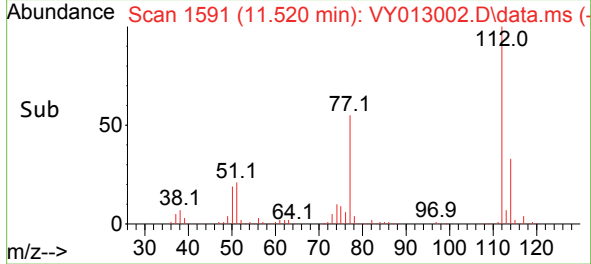
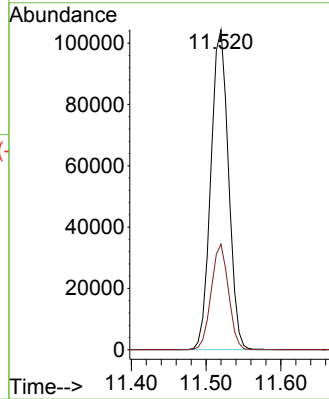
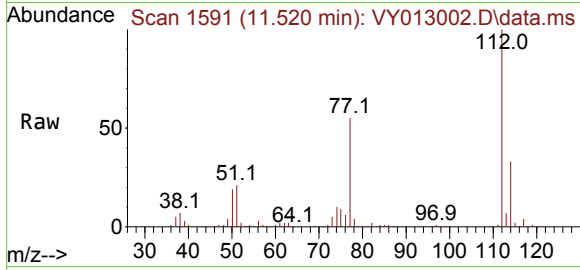




#65
Chlorobenzene
Concen: 52.196 ug/l
RT: 11.520 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

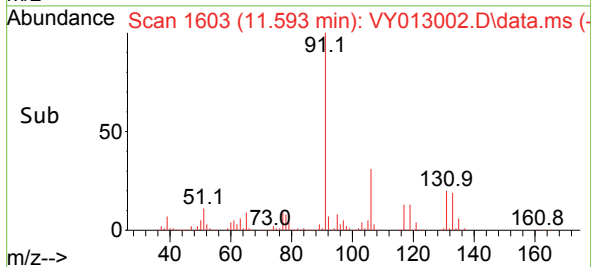
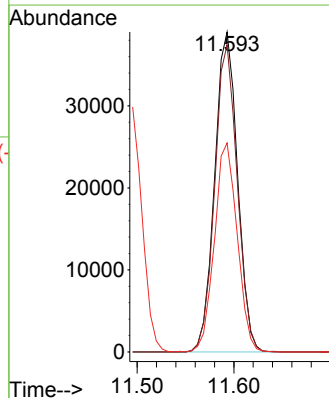
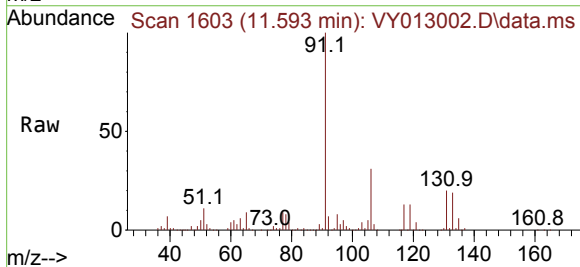
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

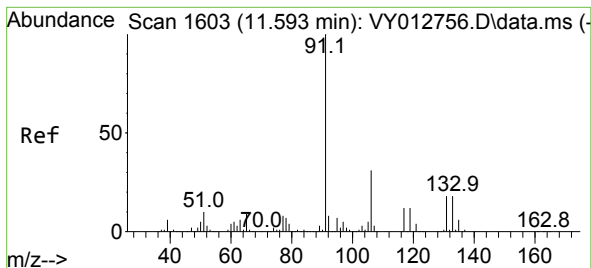
Tgt Ion:112 Resp: 170892
Ion Ratio Lower Upper
112 100
114 32.9 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 52.797 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Tgt Ion:131 Resp: 63964
Ion Ratio Lower Upper
131 100
133 94.8 48.0 144.0
119 65.2 32.6 98.0

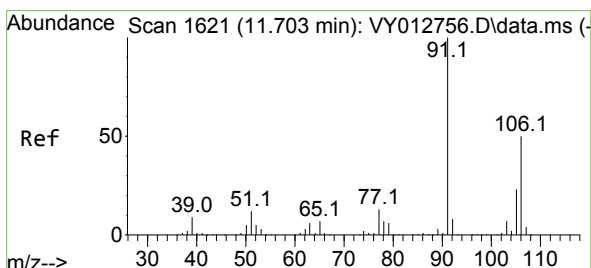
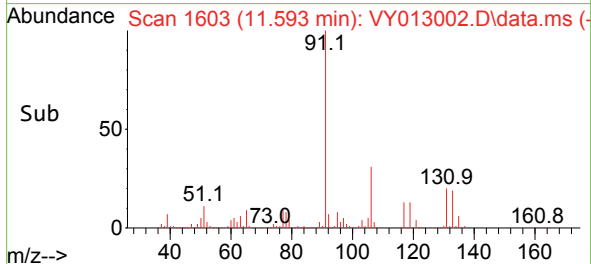
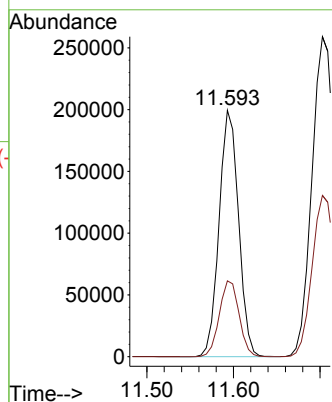
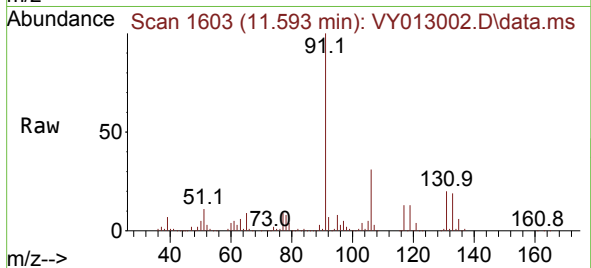




#67
Ethyl Benzene
Concen: 54.062 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

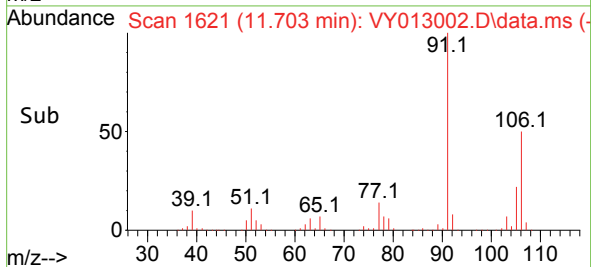
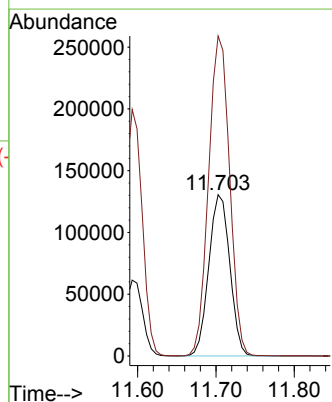
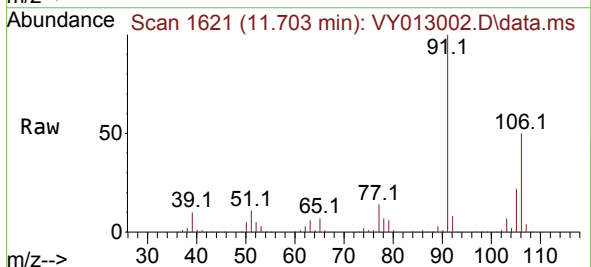
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

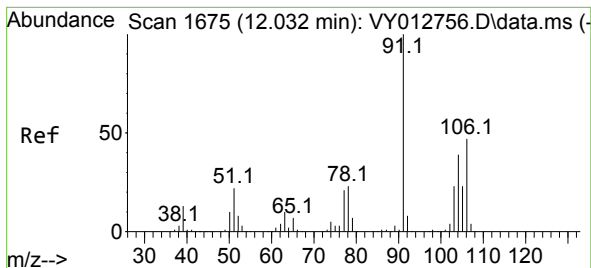
Tgt Ion: 91 Resp: 311198
Ion Ratio Lower Upper
91 100
106 30.8 25.1 37.7



#68
m/p-Xylenes
Concen: 109.857 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Tgt Ion: 106 Resp: 243271
Ion Ratio Lower Upper
106 100
91 198.4 159.8 239.8

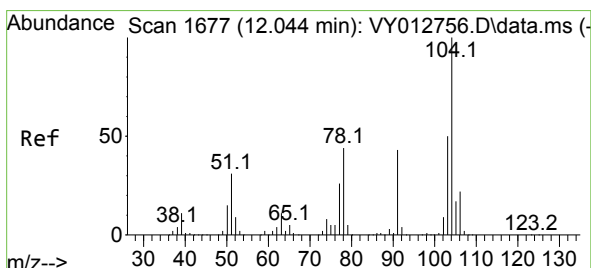
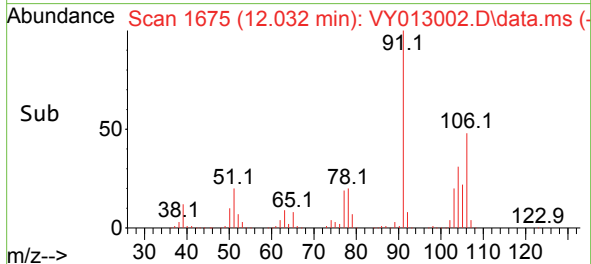
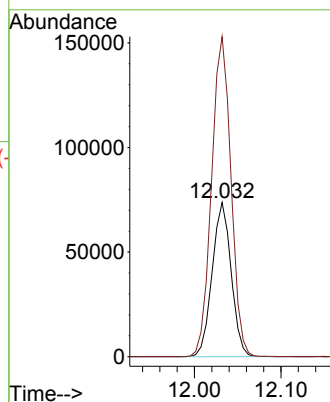
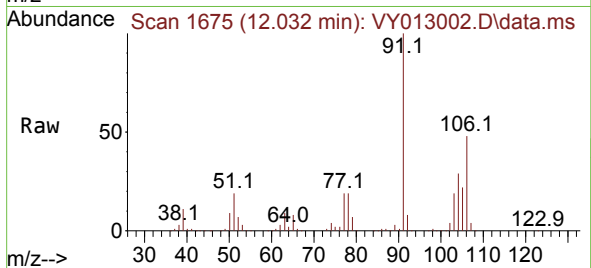




#69
o-Xylene
Concen: 54.335 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

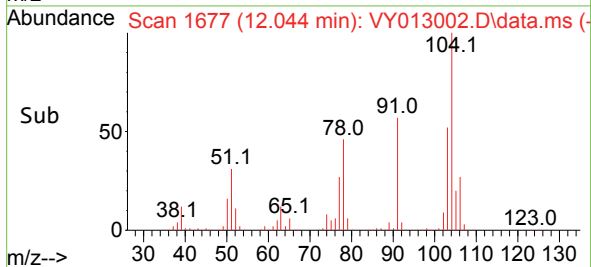
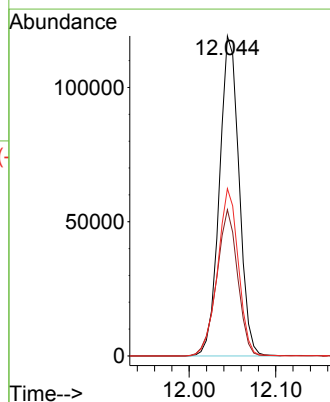
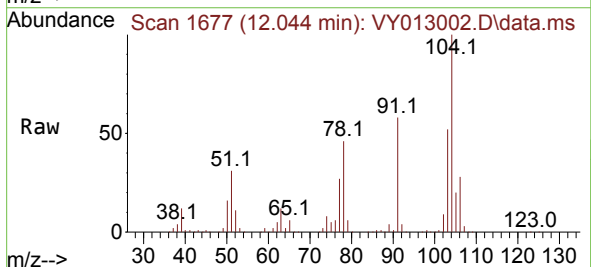
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

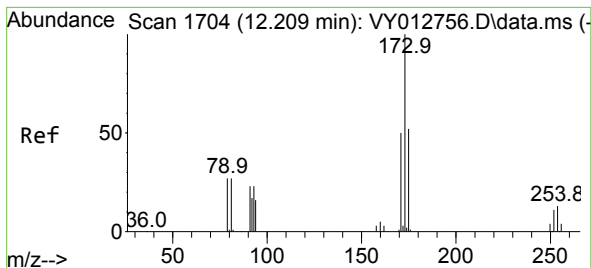
Tgt Ion:106 Resp: 112293
Ion Ratio Lower Upper
106 100
91 212.2 107.2 321.6



#70
Styrene
Concen: 54.564 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Tgt Ion:104 Resp: 188184
Ion Ratio Lower Upper
104 100
78 48.8 39.2 58.8
103 55.4 43.7 65.5





#71

Bromoform

Concen: 50.143 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

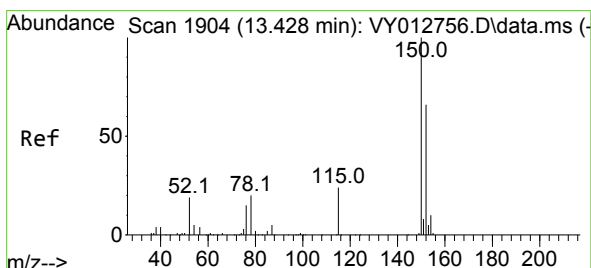
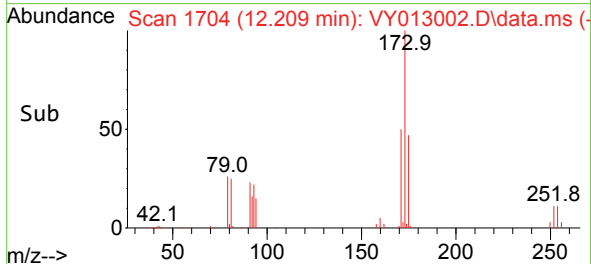
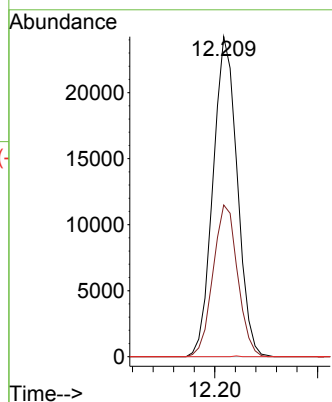
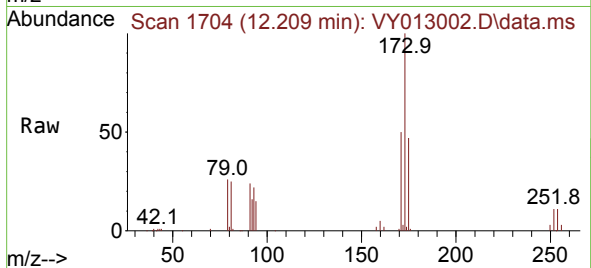
Tgt Ion:173 Resp: 39608

Ion Ratio Lower Upper

173 100

175 48.1 25.0 75.0

254 0.1 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: VY013002.D

Acq: 20 Mar 2023 11:00

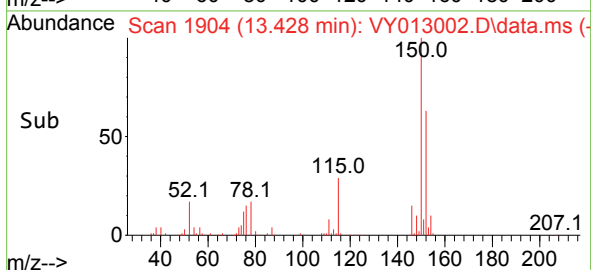
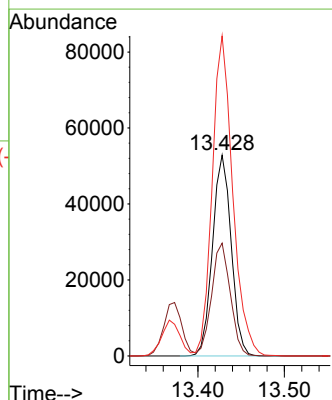
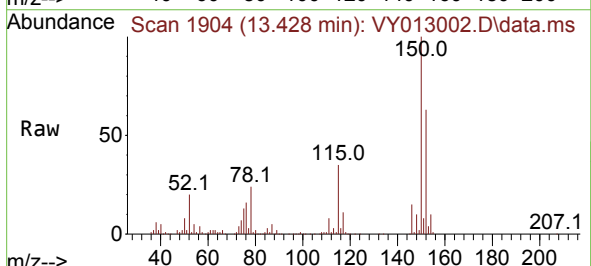
Tgt Ion:152 Resp: 79284

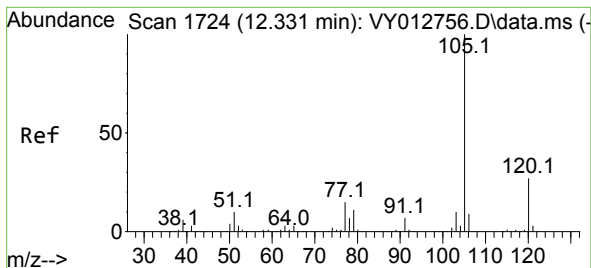
Ion Ratio Lower Upper

152 100

115 56.3 27.1 81.3

150 174.8 0.0 347.8





#73

Isopropylbenzene

Concen: 53.355 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

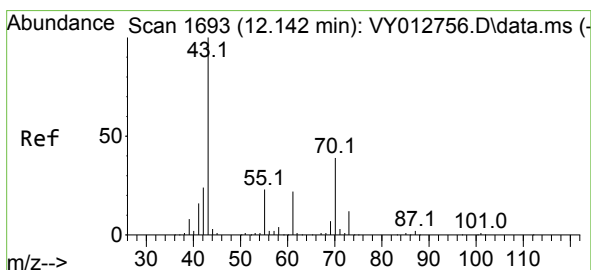
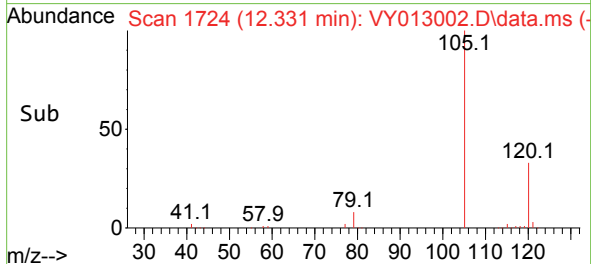
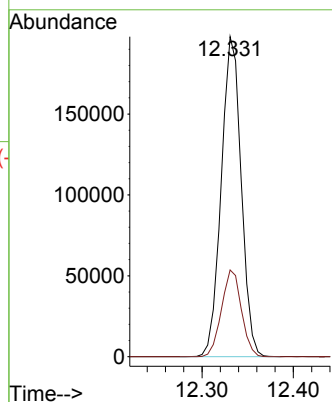
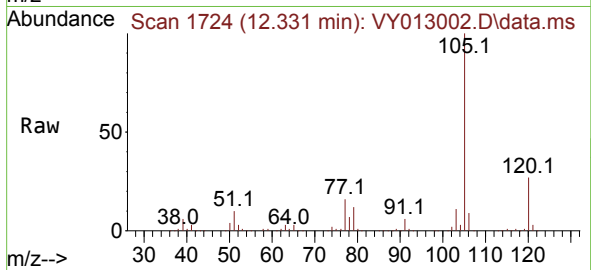
VSTDCCC050

Tgt Ion:105 Resp: 299797

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 46.022 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

Tgt Ion: 43 Resp: 81364

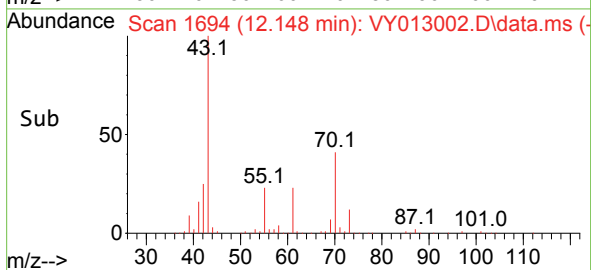
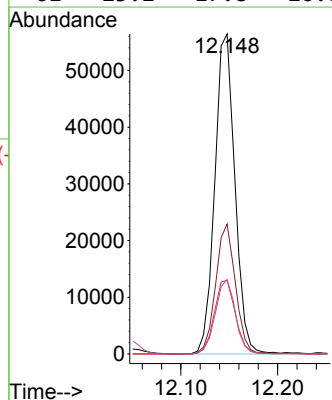
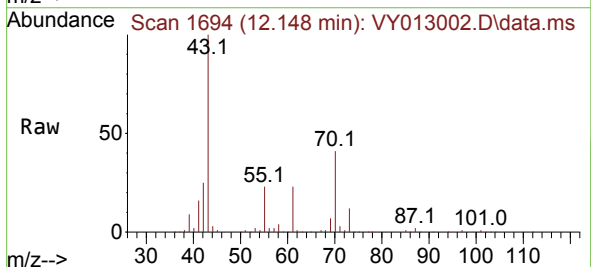
Ion Ratio Lower Upper

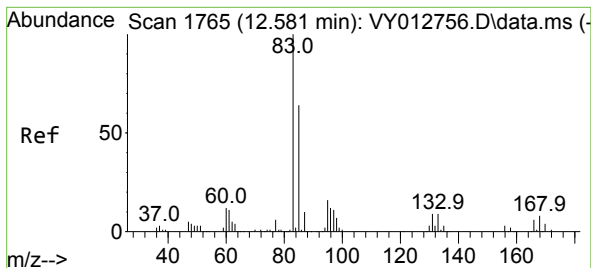
43 100

70 40.0 31.6 47.4

55 24.1 18.8 28.2

61 23.2 17.8 26.8

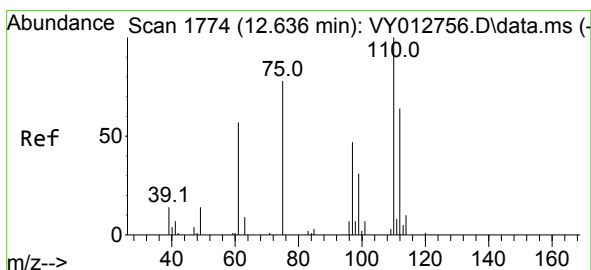
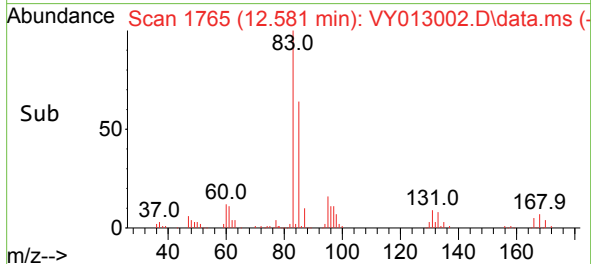
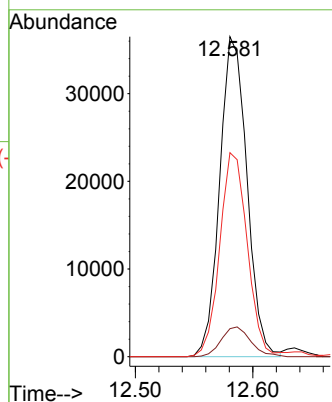
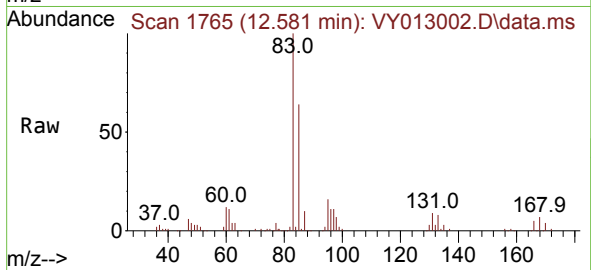




#75
1,1,2,2-Tetrachloroethane
Concen: 46.562 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

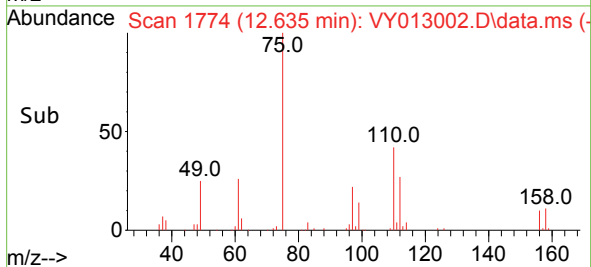
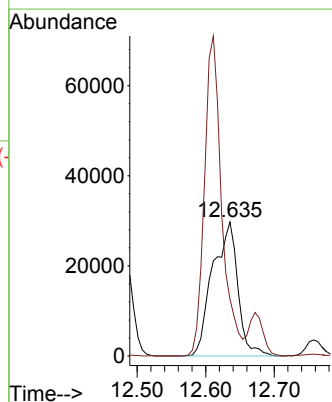
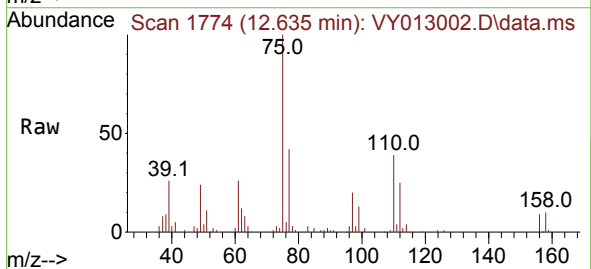
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

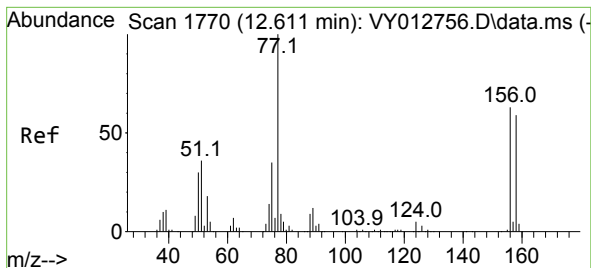
Tgt Ion: 83 Resp: 58812
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.2
85 64.5 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 80.354 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Tgt Ion: 75 Resp: 76077
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.577 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

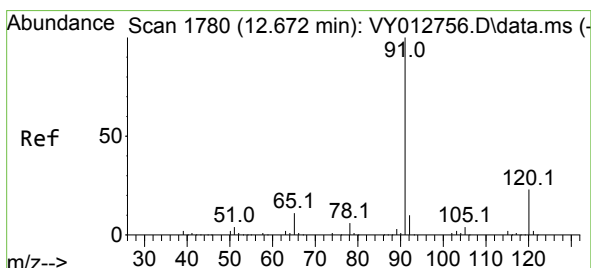
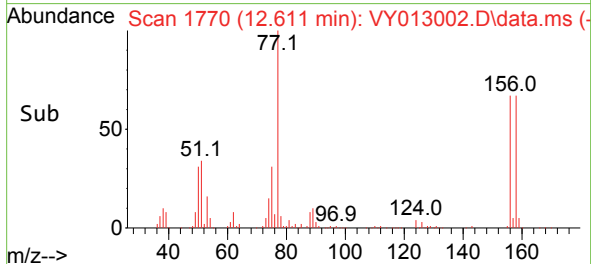
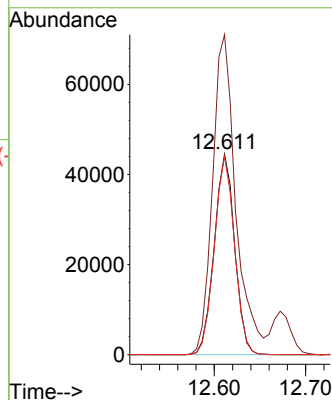
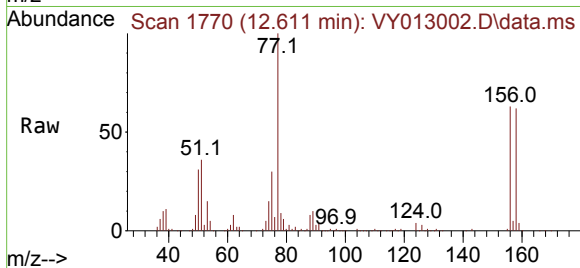
Tgt Ion:156 Resp: 69038

Ion Ratio Lower Upper

156 100

77 181.1 94.0 282.1

158 97.9 48.1 144.4



#78

n-propylbenzene

Concen: 53.543 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY013002.D

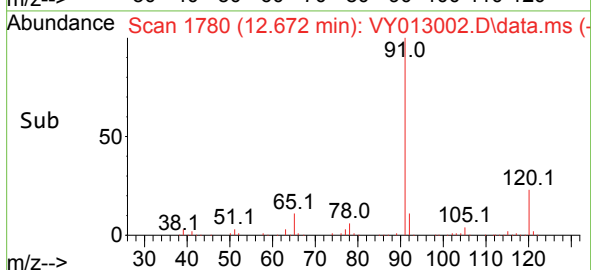
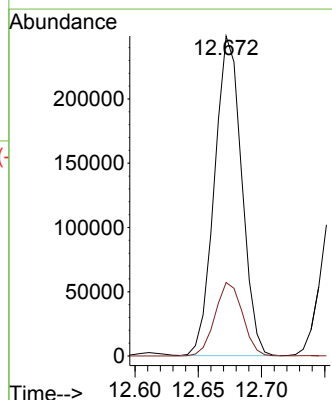
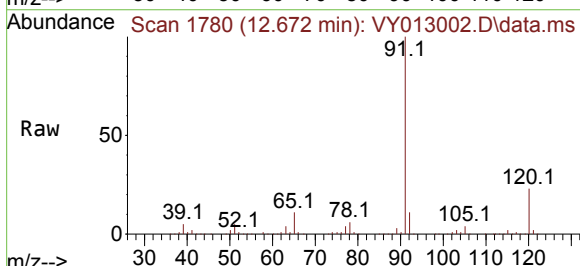
Acq: 20 Mar 2023 11:00

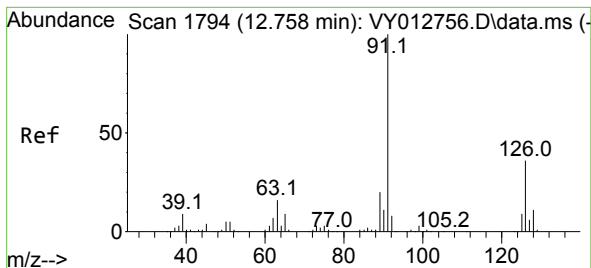
Tgt Ion: 91 Resp: 370923

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8

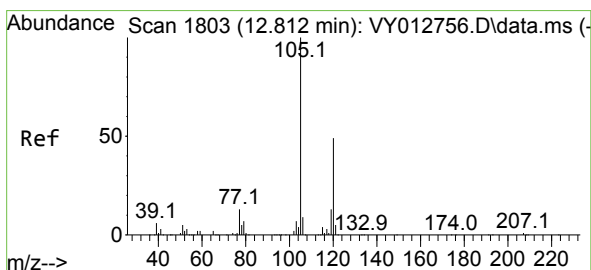
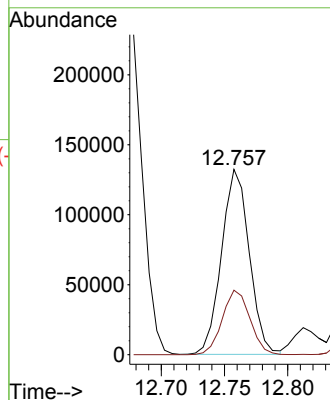
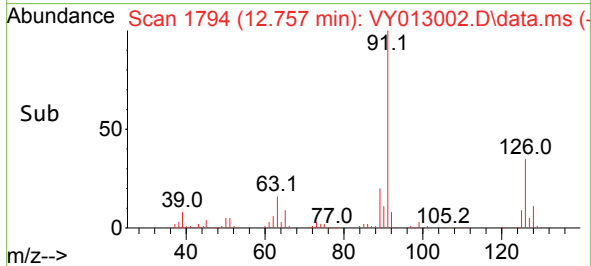
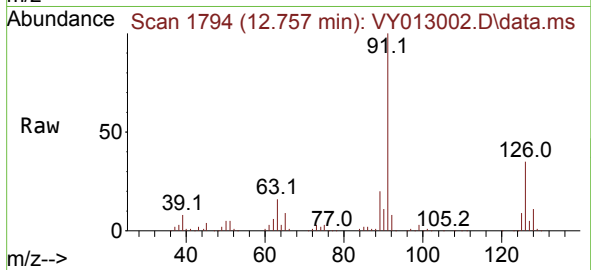




#79
2-Chlorotoluene
Concen: 52.435 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

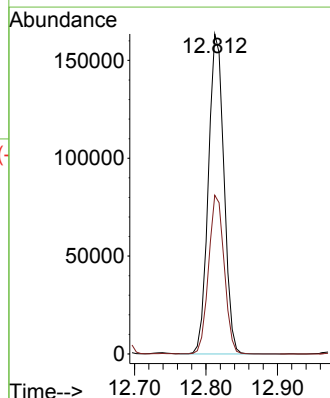
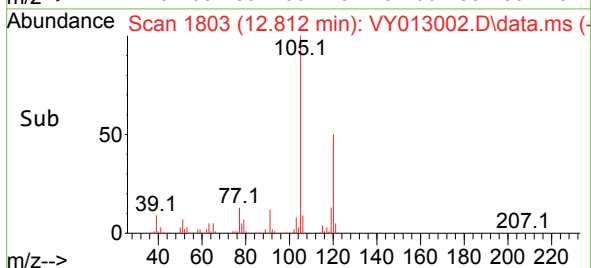
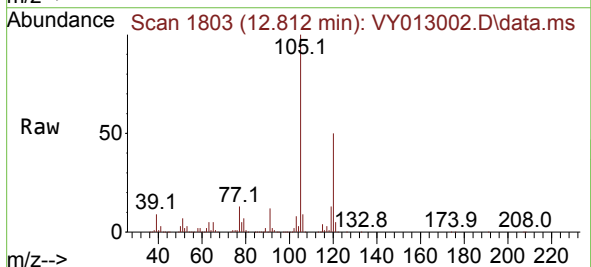
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

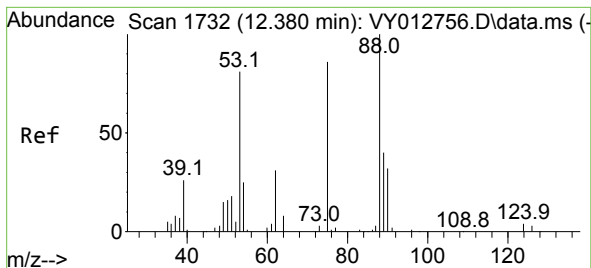
Tgt Ion: 91 Resp: 201884
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 53.285 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Tgt Ion: 105 Resp: 247087
Ion Ratio Lower Upper
105 100
120 49.7 24.8 74.4

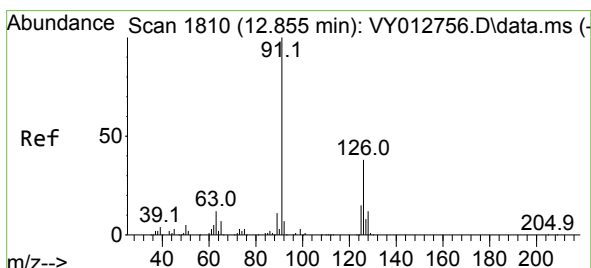
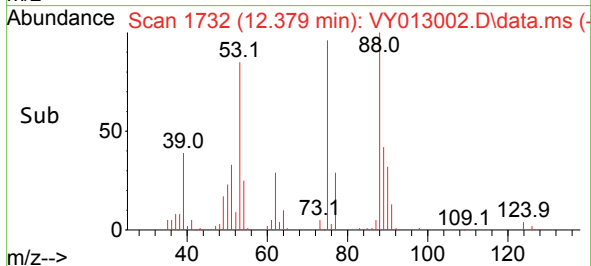
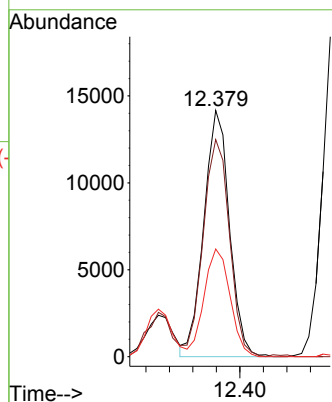
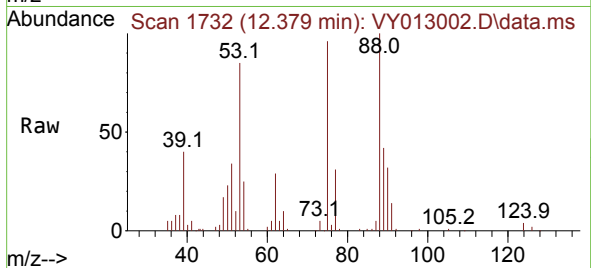




#81
trans-1,4-Dichloro-2-butene
Concen: 47.040 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

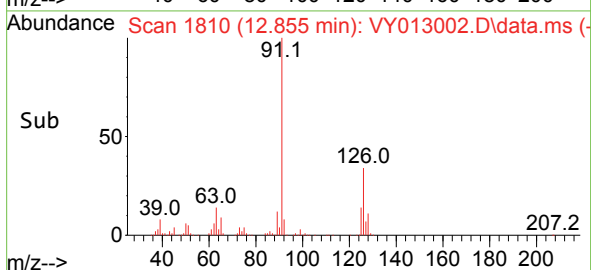
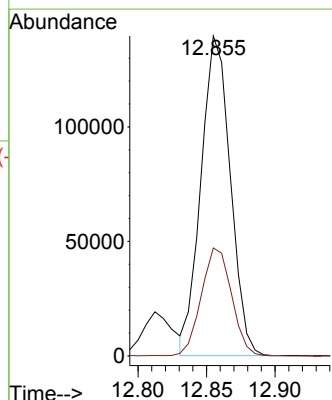
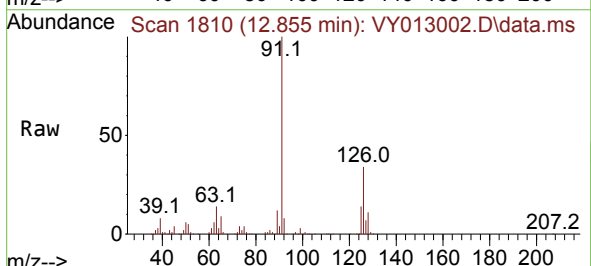
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

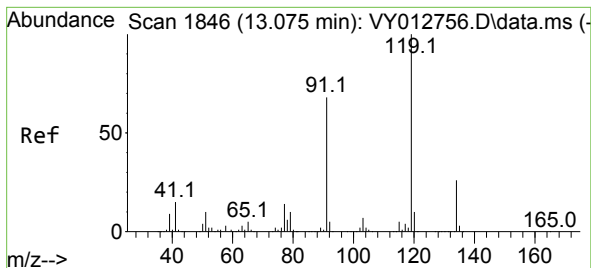
Tgt Ion: 75 Resp: 21494
Ion Ratio Lower Upper
75 100
53 90.4 73.4 110.0
89 44.1 36.6 55.0



#82
4-Chlorotoluene
Concen: 52.131 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Tgt Ion: 91 Resp: 207770
Ion Ratio Lower Upper
91 100
126 35.1 17.7 53.1





#83

tert-Butylbenzene

Concen: 55.447 ug/l

RT: 13.074 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

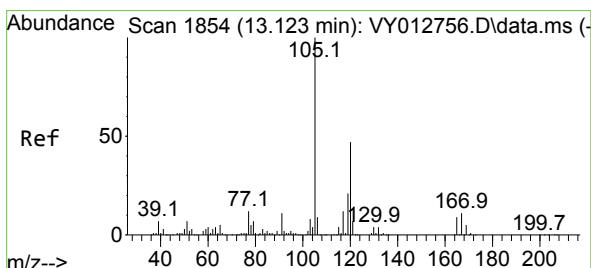
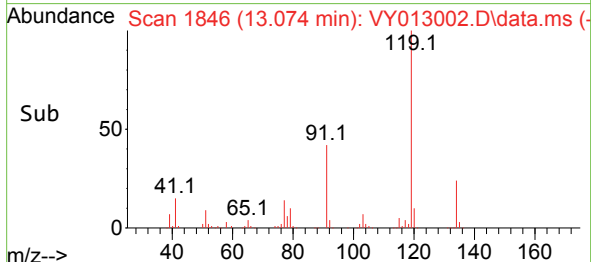
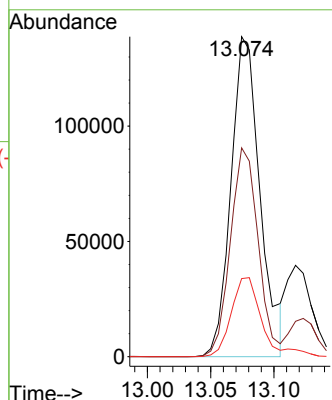
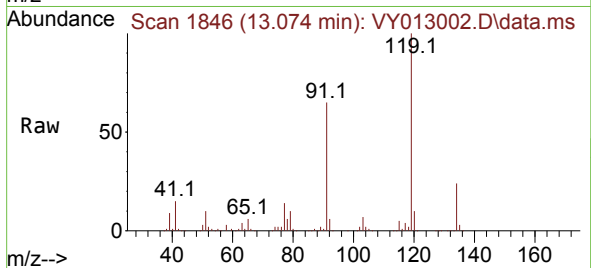
Tgt Ion:119 Resp: 221917

Ion Ratio Lower Upper

119 100

91 62.6 32.8 98.3

134 26.1 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 53.006 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY013002.D

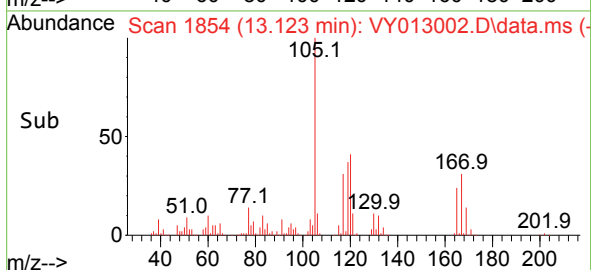
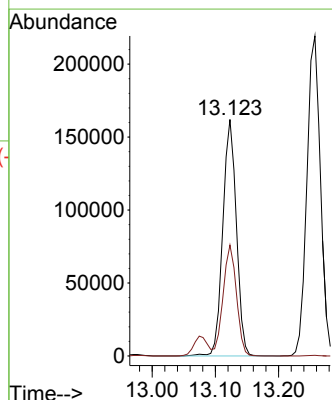
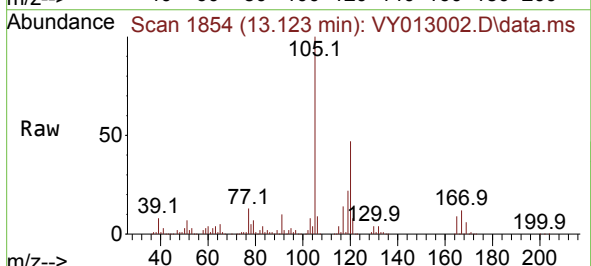
Acq: 20 Mar 2023 11:00

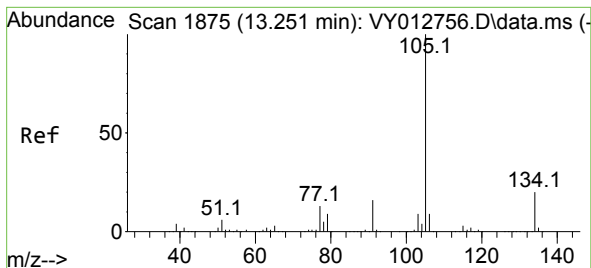
Tgt Ion:105 Resp: 240348

Ion Ratio Lower Upper

105 100

120 46.3 23.0 69.0





#85

sec-Butylbenzene

Concen: 53.110 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

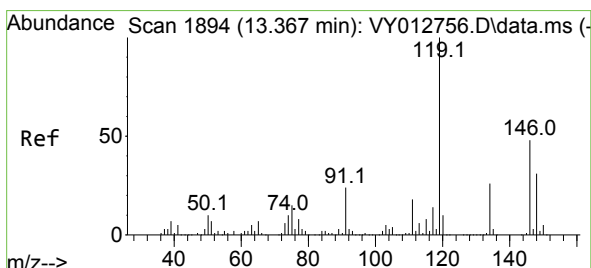
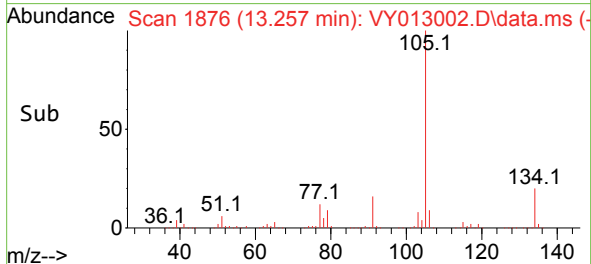
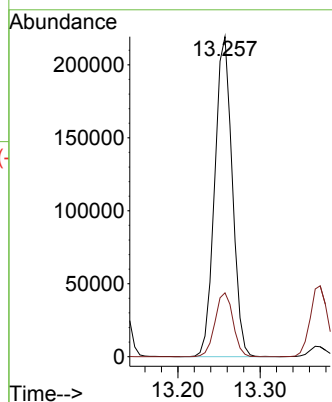
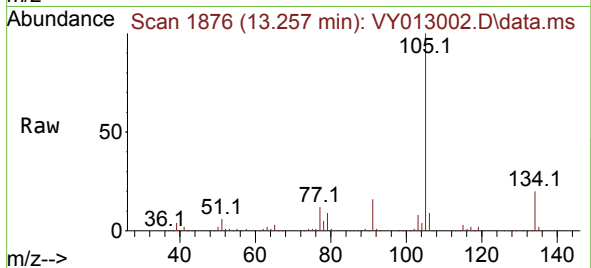
VSTDCCC050

Tgt Ion:105 Resp: 324283

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.1



#86

p-Isopropyltoluene

Concen: 53.443 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

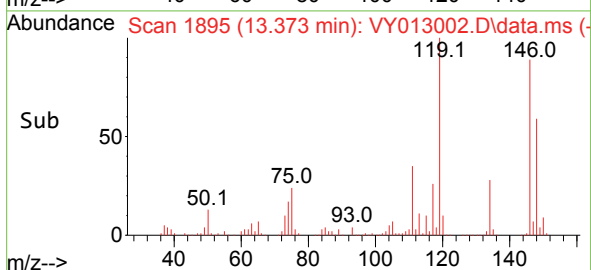
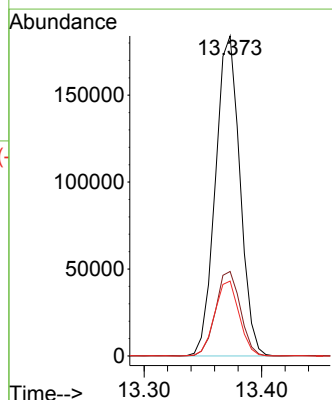
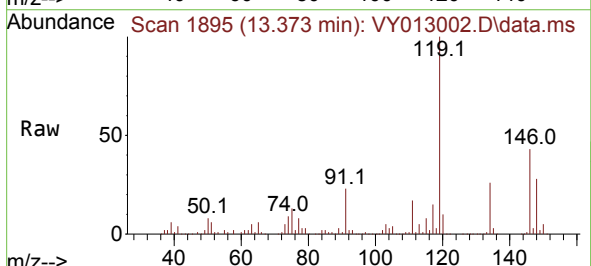
Tgt Ion:119 Resp: 266694

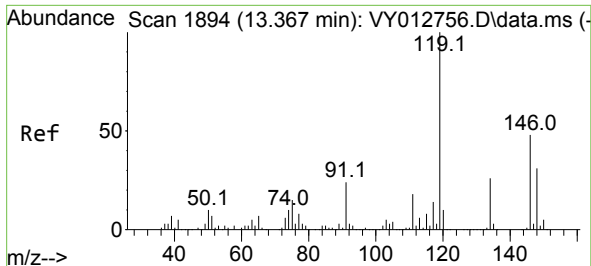
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.6

91 23.4 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 51.485 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

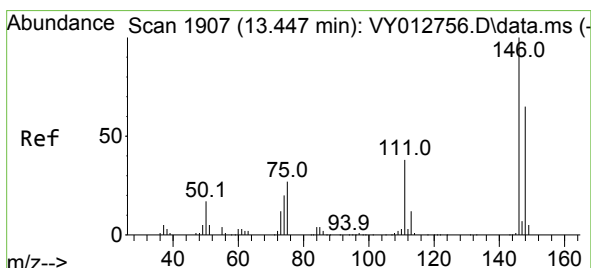
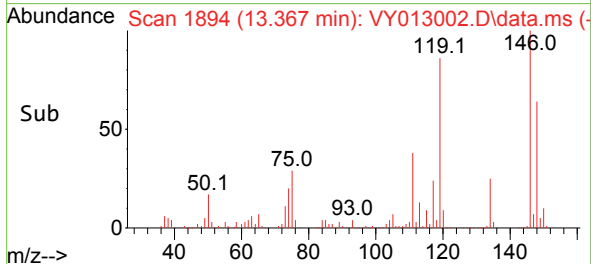
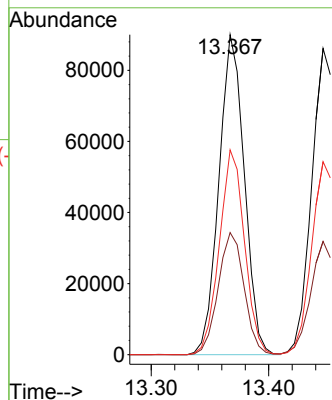
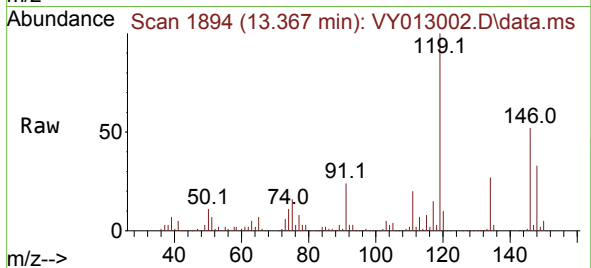
Tgt Ion:146 Resp: 135543

Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.5

148 63.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 50.101 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

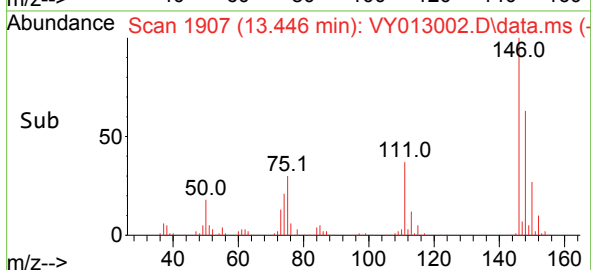
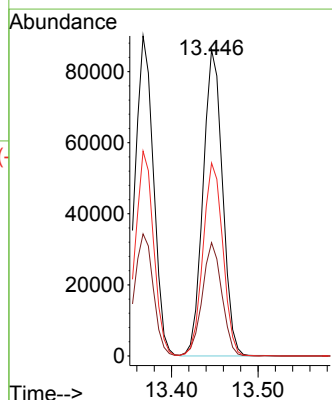
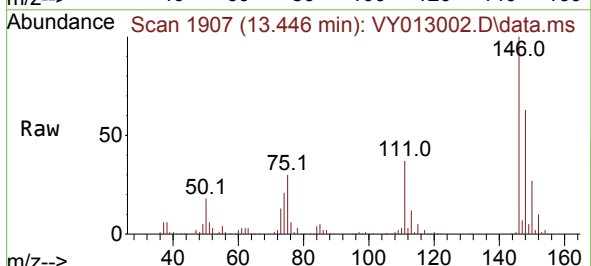
Tgt Ion:146 Resp: 134618

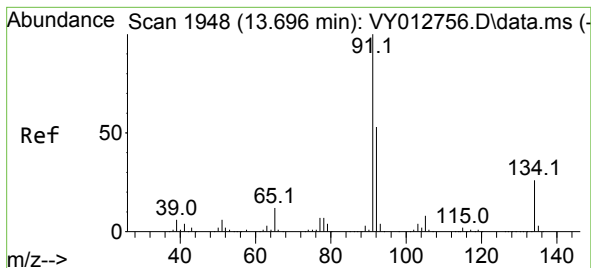
Ion Ratio Lower Upper

146 100

111 37.3 18.6 55.8

148 64.2 31.5 94.5





#89

n-Butylbenzene

Concen: 52.994 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

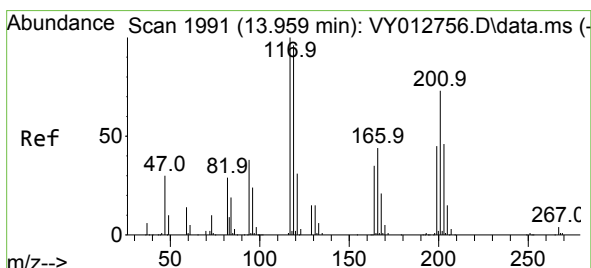
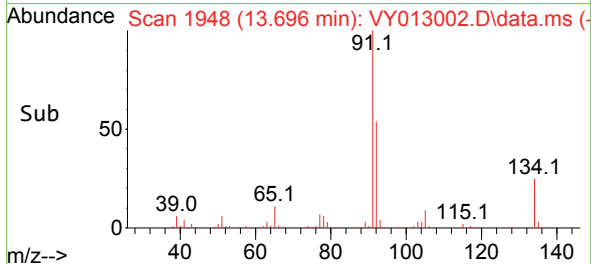
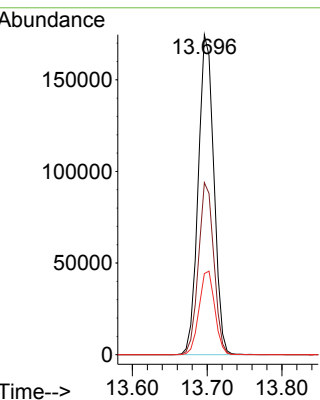
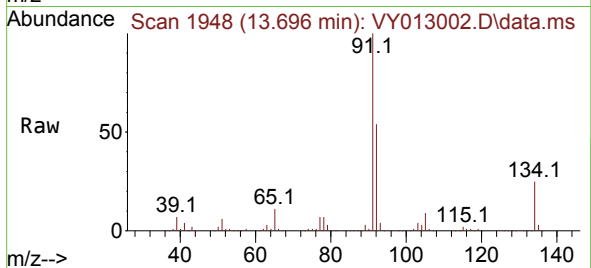
Tgt Ion: 91 Resp: 253164

Ion Ratio Lower Upper

91 100

92 53.1 26.4 79.0

134 26.4 13.0 38.9



#90

Hexachloroethane

Concen: 50.602 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY013002.D

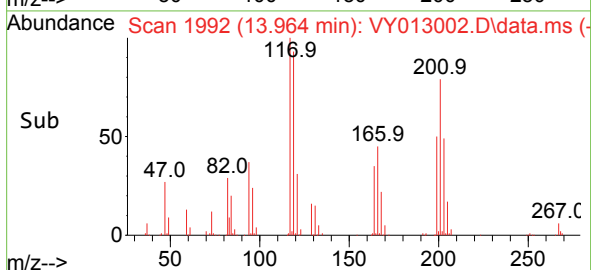
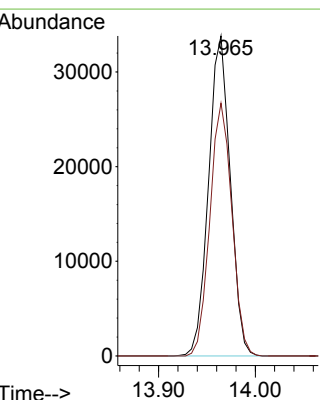
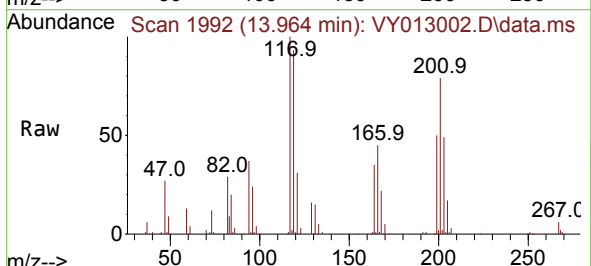
Acq: 20 Mar 2023 11:00

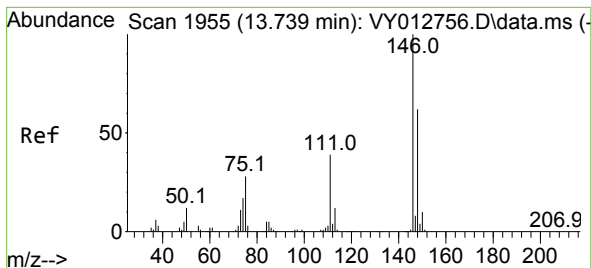
Tgt Ion: 117 Resp: 52594

Ion Ratio Lower Upper

117 100

201 80.2 39.4 118.1

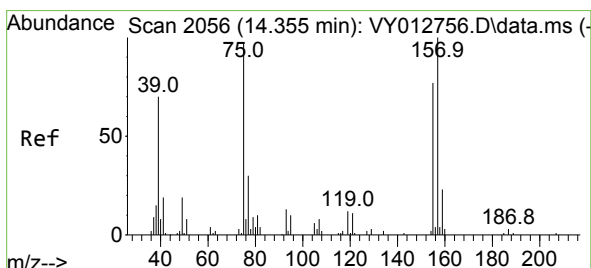
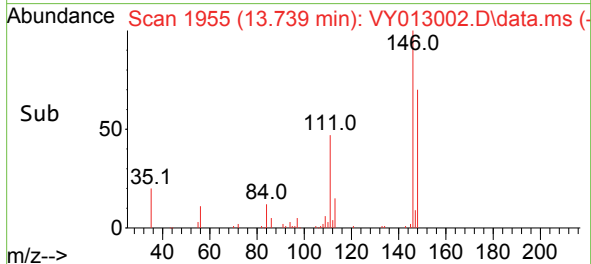
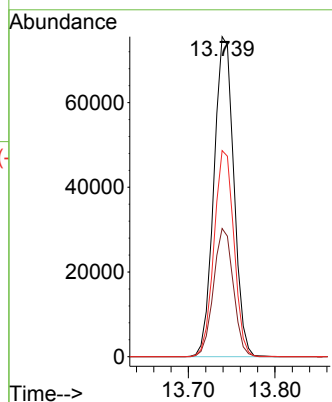
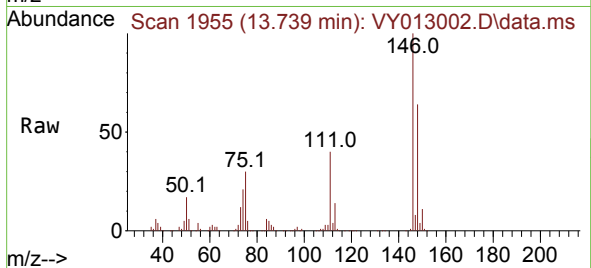




#91
1,2-Dichlorobenzene
Concen: 50.714 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

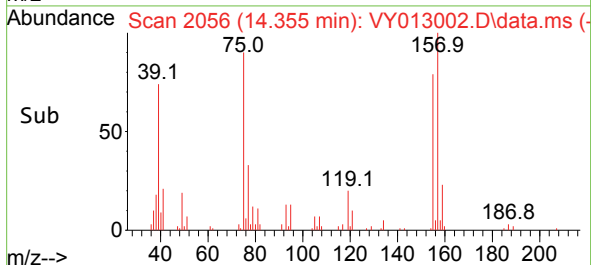
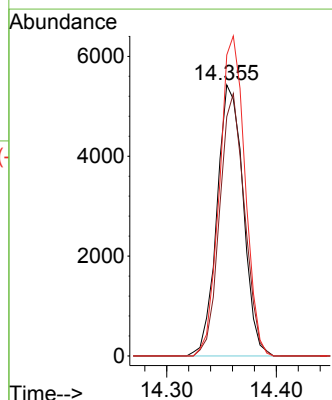
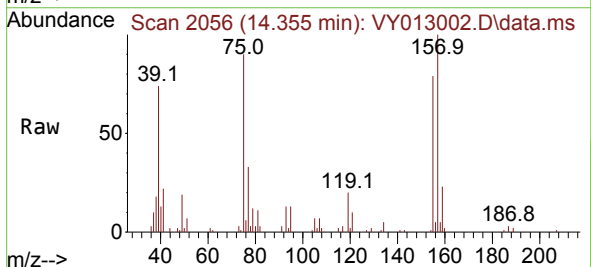
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

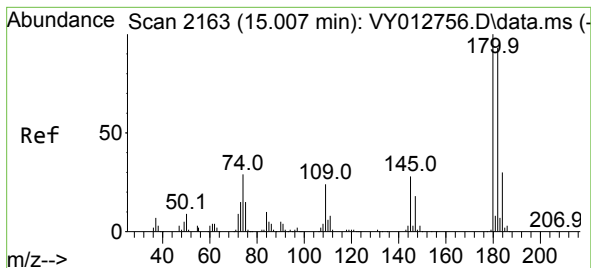
Tgt Ion:146 Resp: 120692
Ion Ratio Lower Upper
146 100
111 39.8 19.7 59.1
148 64.4 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.069 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Tgt Ion: 75 Resp: 8996
Ion Ratio Lower Upper
75 100
155 91.8 43.8 131.4
157 114.7 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 49.681 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

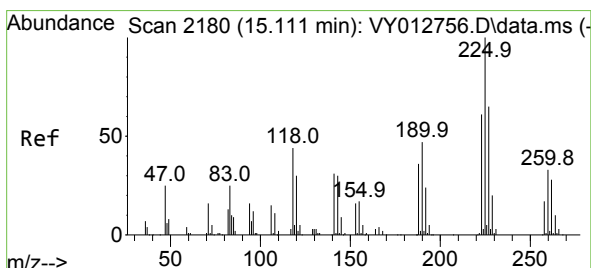
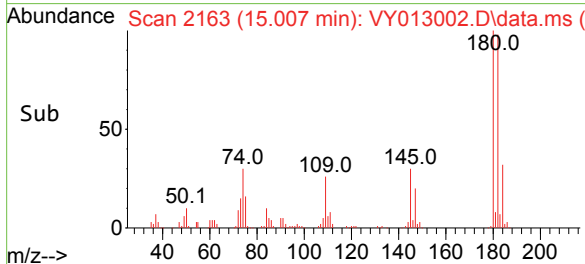
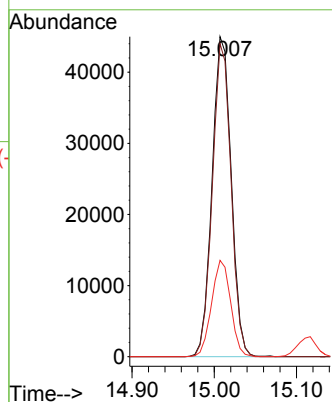
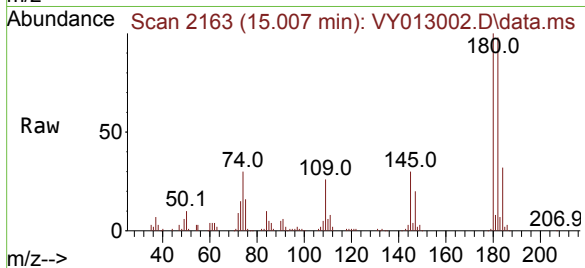
Tgt Ion:180 Resp: 72796

Ion Ratio Lower Upper

180 100

182 95.3 46.7 140.1

145 30.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 50.182 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY013002.D

Acq: 20 Mar 2023 11:00

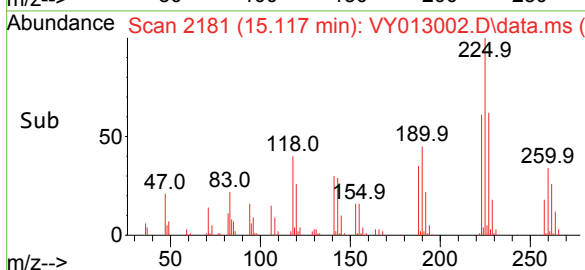
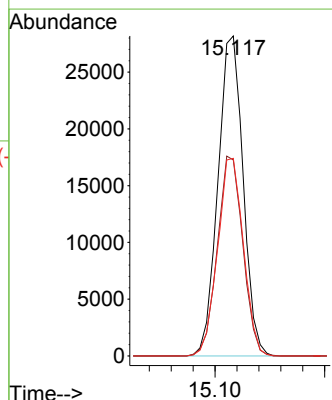
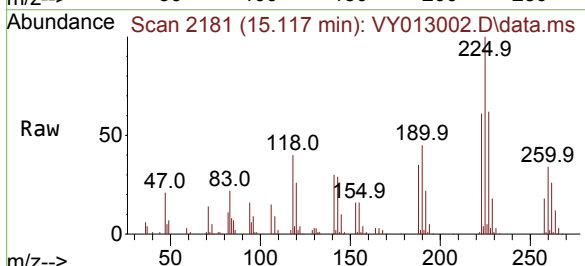
Tgt Ion:225 Resp: 44848

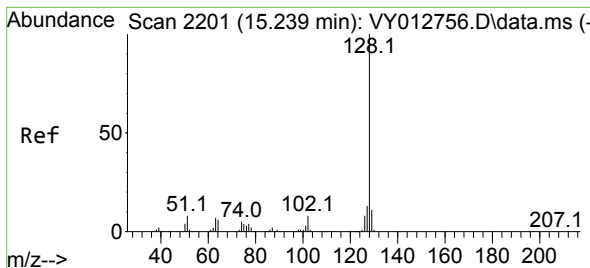
Ion Ratio Lower Upper

225 100

223 63.3 31.1 93.3

227 63.4 32.4 97.0

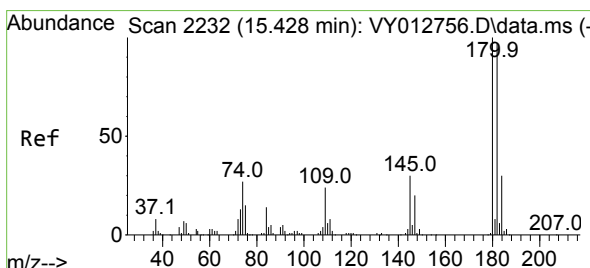
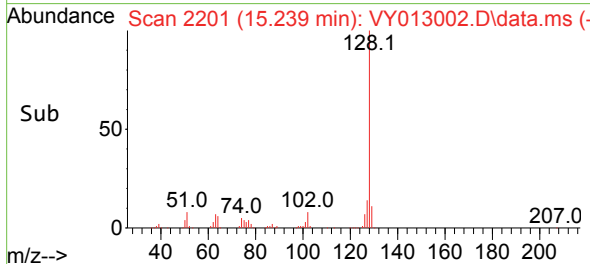
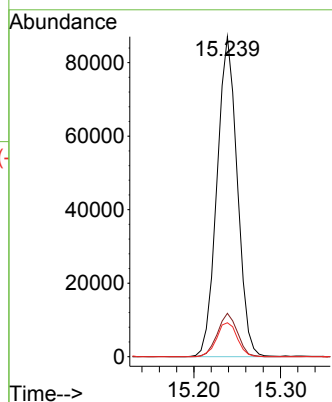
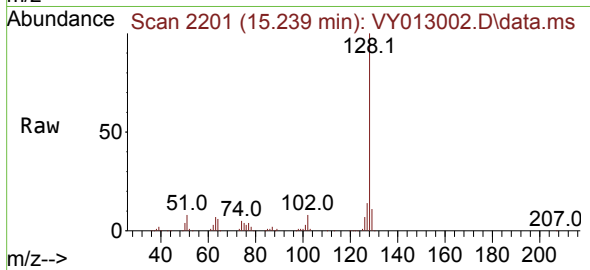




#95
Naphthalene
Concen: 48.237 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 141638
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.411 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY013002.D
Acq: 20 Mar 2023 11:00

Tgt Ion:180 Resp: 64391
Ion Ratio Lower Upper
180 100
182 95.5 47.4 142.3
145 31.4 15.3 45.8

