

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022323\
 Data File : VY012696.D
 Acq On : 23 Feb 2023 09:35
 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: Feb 23 23:50:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	118868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	182497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	161529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81254	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	65967	46.989	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.980%
35) Dibromofluoromethane	7.722	113	61226	49.670	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.340%
50) Toluene-d8	10.179	98	232156	50.272	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.540%
62) 4-Bromofluorobenzene	12.483	95	74446	50.376	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	55316	45.264	ug/l	99
3) Chloromethane	2.113	50	63706	43.222	ug/l	97
4) Vinyl Chloride	2.253	62	62197	46.061	ug/l	99
5) Bromomethane	2.656	94	36330	49.127	ug/l	98
6) Chloroethane	2.802	64	38070	44.290	ug/l	96
7) Trichlorofluoromethane	3.131	101	103963	47.763	ug/l	99
8) Diethyl Ether	3.534	74	36698	47.092	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	63132	48.535	ug/l	99
10) Methyl Iodide	4.094	142	78526	46.105	ug/l	98
11) Tert butyl alcohol	4.954	59	32535	211.859	ug/l	99
12) 1,1-Dichloroethene	3.875	96	58681	46.730	ug/l	98
13) Acrolein	3.729	56	43672	225.078	ug/l	98
14) Allyl chloride	4.485	41	109316	44.854	ug/l	96
15) Acrylonitrile	5.161	53	103362	249.312	ug/l	99
16) Acetone	3.948	43	129034	281.675	ug/l	96
17) Carbon Disulfide	4.198	76	182845	43.269	ug/l	100
18) Methyl Acetate	4.479	43	68823	46.638	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	166551	49.308	ug/l	100
20) Methylene Chloride	4.716	84	69183	48.168	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	66812	48.914	ug/l	96
22) Diisopropyl ether	6.119	45	230498	50.684	ug/l	98
23) Vinyl Acetate	6.058	43	709369	251.850	ug/l	99
24) 1,1-Dichloroethane	6.015	63	122105	48.420	ug/l	99
25) 2-Butanone	6.984	43	164432	270.448	ug/l	98
26) 2,2-Dichloropropane	6.984	77	106902	48.597	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	75101	50.251	ug/l	97
28) Bromochloromethane	7.338	49	51868	51.365	ug/l	96
29) Tetrahydrofuran	7.350	42	93729	252.507	ug/l	100
30) Chloroform	7.508	83	121873	49.877	ug/l	94
31) Cyclohexane	7.789	56	109856	45.041	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	106981	48.364	ug/l	99
36) 1,1-Dichloropropene	7.917	75	94310	48.269	ug/l	99
37) Ethyl Acetate	7.076	43	62334	47.281	ug/l	99
38) Carbon Tetrachloride	7.905	117	99121	49.063	ug/l	100
39) Methylcyclohexane	9.185	83	112421	49.879	ug/l	98
40) Benzene	8.161	78	270579	49.612	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	86155	134.174	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	82863	48.997	ug/l	99
43) Isopropyl Acetate	8.271	43	112052	49.184	ug/l	98
44) Trichloroethene	8.941	130	69804	49.504	ug/l	100
45) 1,2-Dichloropropane	9.216	63	71197	50.750	ug/l	97
46) Dibromomethane	9.307	93	39377	50.847	ug/l	99
47) Bromodichloromethane	9.496	83	94527	50.703	ug/l	98
48) Methyl methacrylate	9.295	41	53790	50.597	ug/l	98
49) 1,4-Dioxane	9.301	88	9992	845.999	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	317768	258.570	ug/l	99
52) Toluene	10.246	92	167525	51.842	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	99908	51.283	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	113871	51.655	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	55117	52.400	ug/l	96
56) Ethyl methacrylate	10.508	69	76122	52.992	ug/l	99
57) 1,3-Dichloropropane	10.788	76	94563	51.150	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	191508	252.060	ug/l	99
59) 2-Hexanone	10.831	43	241520	277.222	ug/l	98
60) Dibromochloromethane	10.983	129	66273	52.005	ug/l	98
61) 1,2-Dibromoethane	11.093	107	51712	51.315	ug/l	100
64) Tetrachloroethene	10.721	164	58532	49.824	ug/l	96
65) Chlorobenzene	11.520	112	175660	50.712	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	66473	51.783	ug/l	100
67) Ethyl Benzene	11.593	91	321325	51.897	ug/l	99
68) m/p-Xylenes	11.703	106	245487	103.936	ug/l	98
69) o-Xylene	12.032	106	113696	51.972	ug/l	99
70) Styrene	12.044	104	193785	52.851	ug/l	99
71) Bromoform	12.209	173	42195	51.512	ug/l #	100
73) Isopropylbenzene	12.331	105	304772	50.757	ug/l	99
74) N-amyl acetate	12.142	43	99302	50.308	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	67349	49.885	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	87532	86.411	ug/l #	100
77) Bromobenzene	12.611	156	71269	49.535	ug/l	98
78) n-propylbenzene	12.672	91	379462	50.523	ug/l	100
79) 2-Chlorotoluene	12.758	91	206350	49.454	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	247772	49.398	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	24853	51.977	ug/l	93
82) 4-Chlorotoluene	12.855	91	212365	49.073	ug/l	99
83) tert-Butylbenzene	13.075	119	214571	50.098	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	245929	50.156	ug/l	99
85) sec-Butylbenzene	13.257	105	327111	50.197	ug/l	100
86) p-Isopropyltoluene	13.373	119	268587	50.046	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	139029	49.336	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	138164	48.348	ug/l	99
89) n-Butylbenzene	13.696	91	258202	50.236	ug/l	99
90) Hexachloroethane	13.965	117	51548	47.329	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	124260	49.373	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10528	47.439	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	73779	46.352	ug/l	99
94) Hexachlorobutadiene	15.117	225	43460	45.241	ug/l	100
95) Naphthalene	15.239	128	153420	47.702	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	66409	47.136	ug/l	98

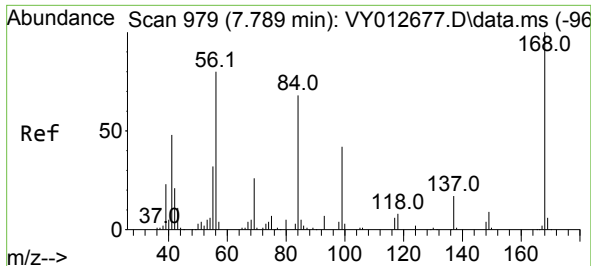
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Response via : Initial Calibration

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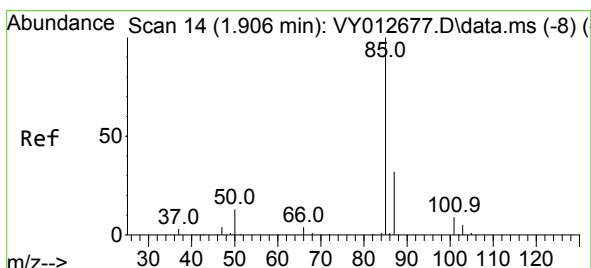
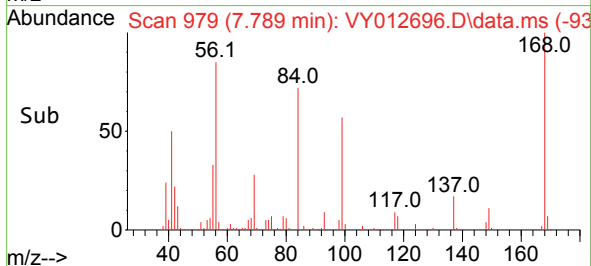
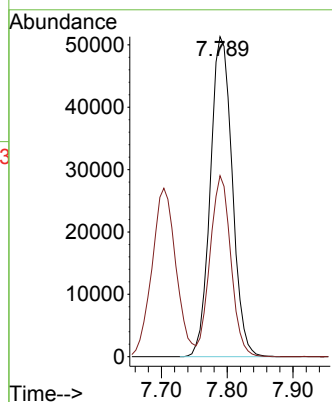
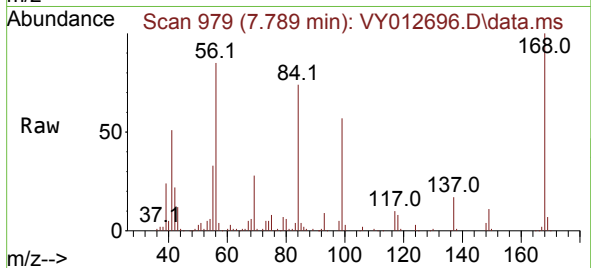
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012696.D
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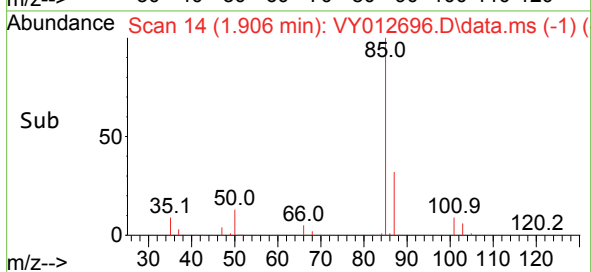
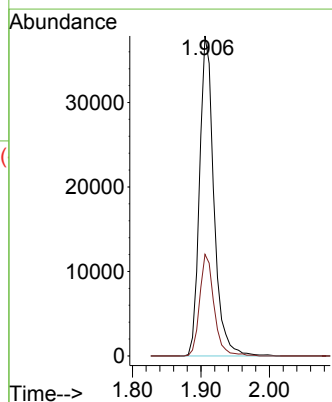
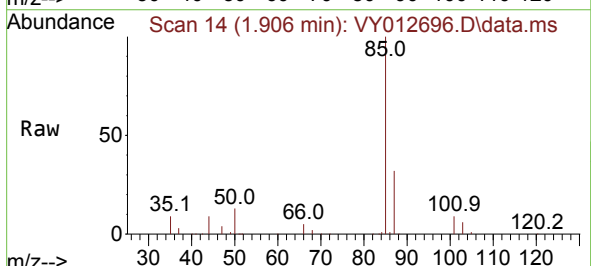
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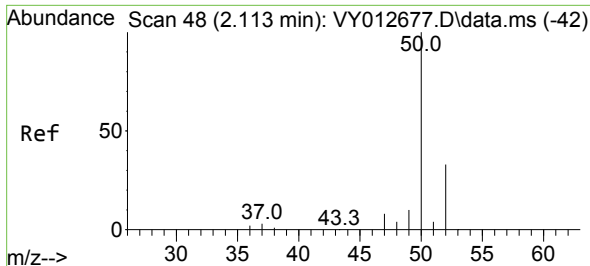
Tgt Ion:168 Resp: 118868
Ion Ratio Lower Upper
168 100
99 56.6 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 45.264 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

Tgt Ion: 85 Resp: 55316
Ion Ratio Lower Upper
85 100
87 31.8 16.1 48.2

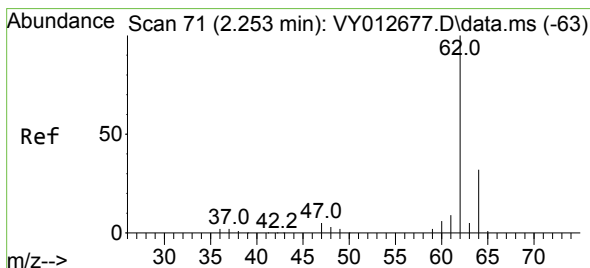
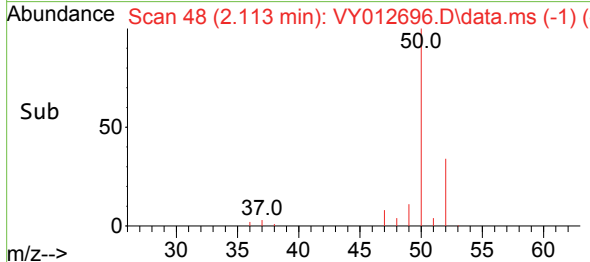
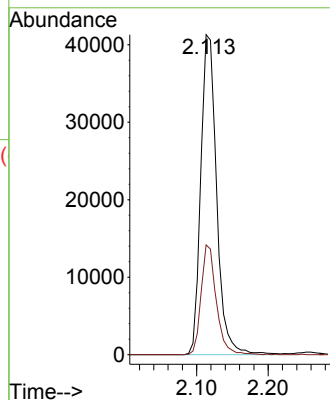
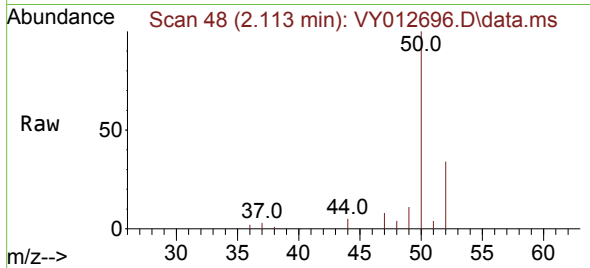




#3
Chloromethane
Concen: 43.222 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

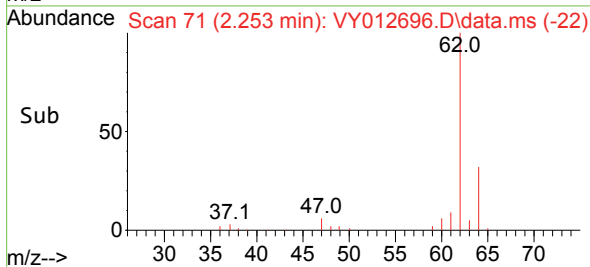
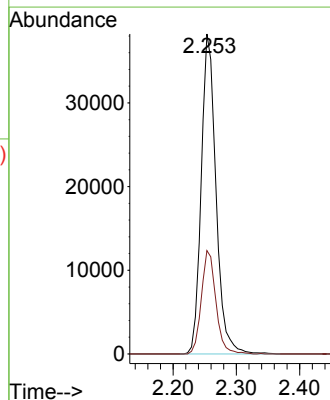
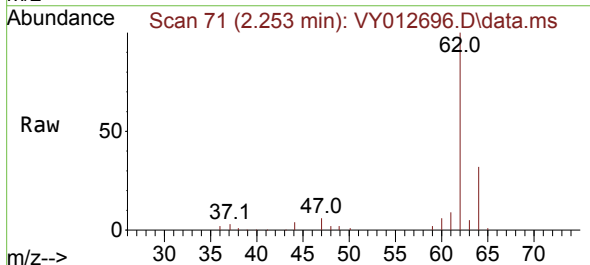
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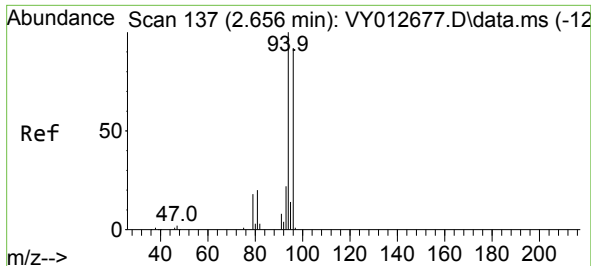
Tgt Ion: 50 Resp: 63706
Ion Ratio Lower Upper
50 100
52 34.3 26.1 39.1



#4
Vinyl Chloride
Concen: 46.061 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

Tgt Ion: 62 Resp: 62197
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.2

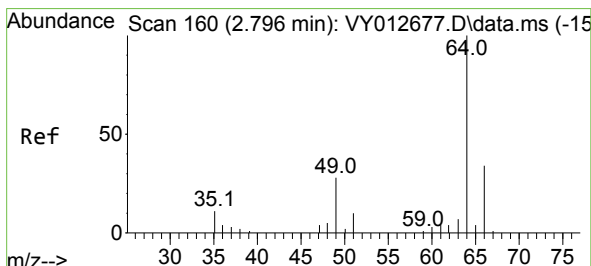
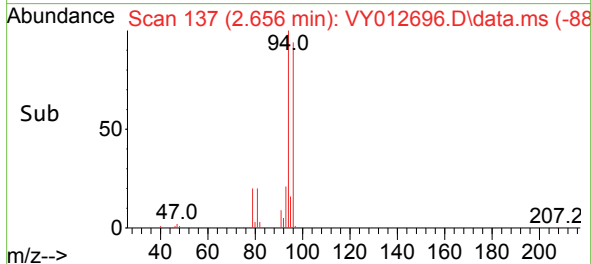
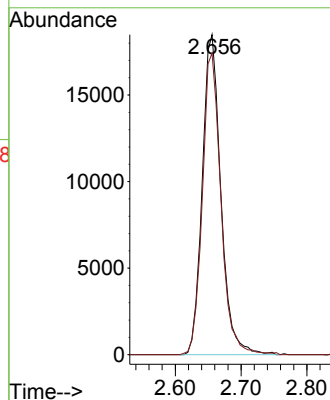
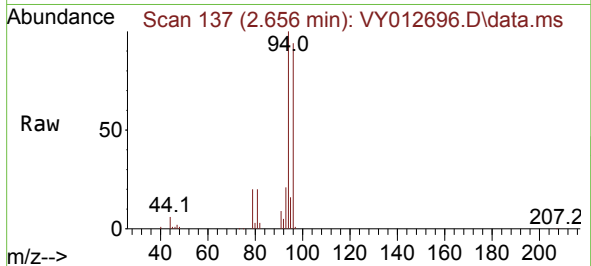




#5
Bromomethane
Concen: 49.127 ug/l
RT: 2.656 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

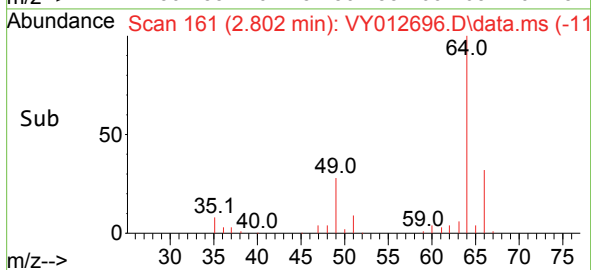
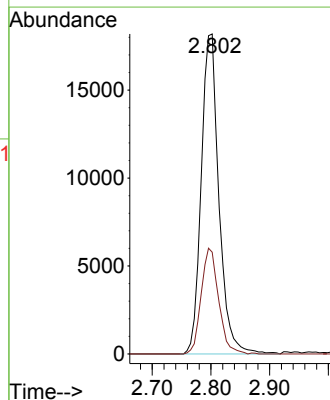
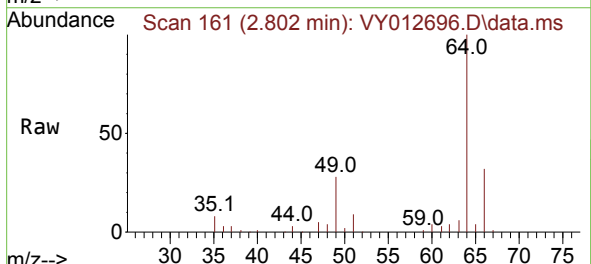
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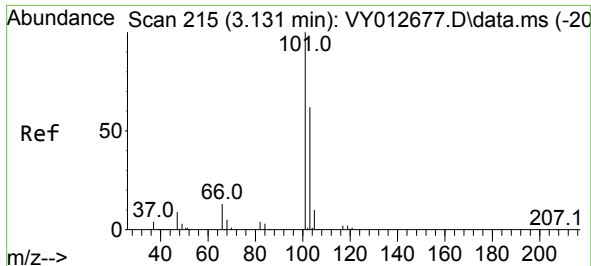
Tgt Ion: 94 Resp: 36330
Ion Ratio Lower Upper
94 100
96 94.2 73.9 110.9



#6
Chloroethane
Concen: 44.290 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

Tgt Ion: 64 Resp: 38070
Ion Ratio Lower Upper
64 100
66 31.8 27.1 40.7

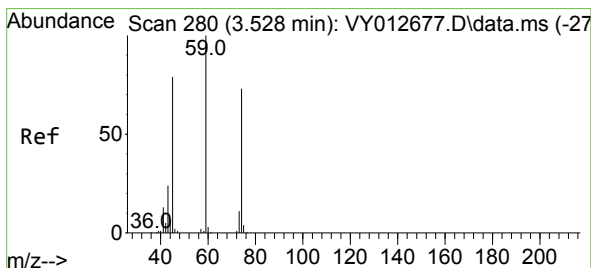
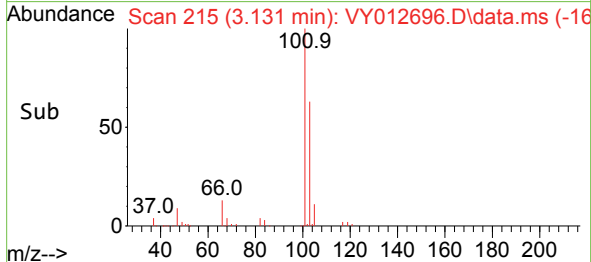
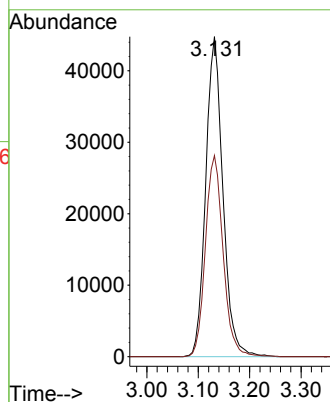
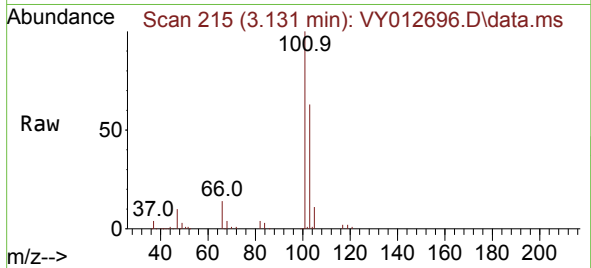




#7
 Trichlorofluoromethane
 Concen: 47.763 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. -0.000 min
 Lab File: VY012696.D
 Acq: 23 Feb 2023 09:35

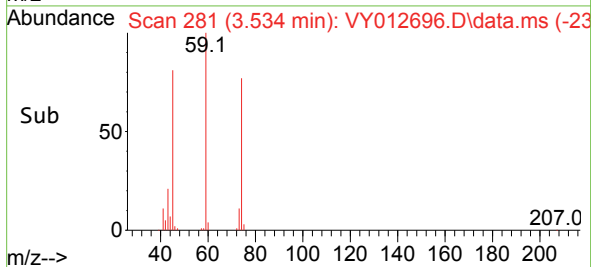
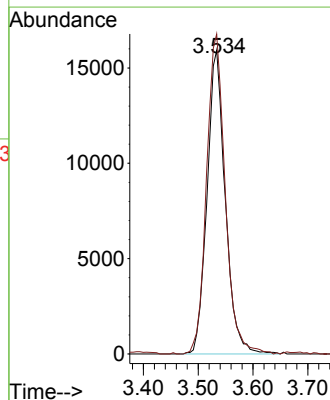
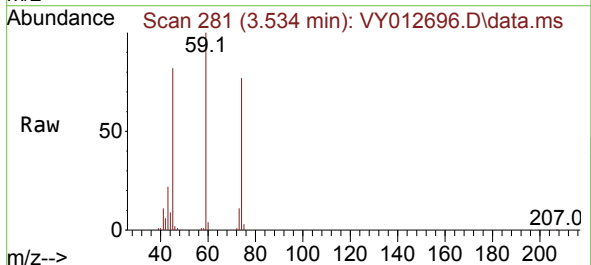
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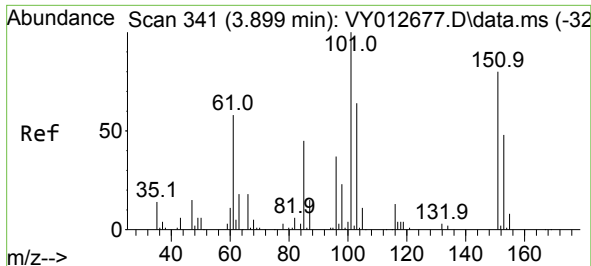
Tgt Ion:101 Resp: 103963
 Ion Ratio Lower Upper
 101 100
 103 62.9 49.8 74.6



#8
 Diethyl Ether
 Concen: 47.092 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY012696.D
 Acq: 23 Feb 2023 09:35

Tgt Ion: 74 Resp: 36698
 Ion Ratio Lower Upper
 74 100
 45 108.1 54.6 163.9

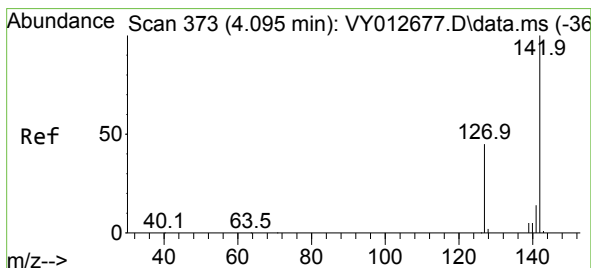
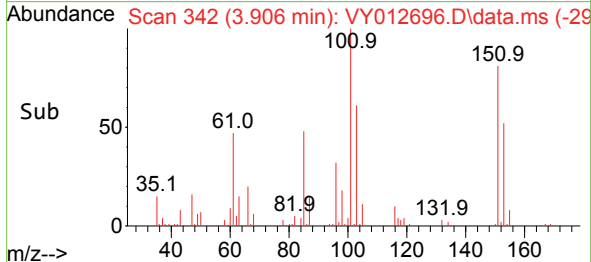
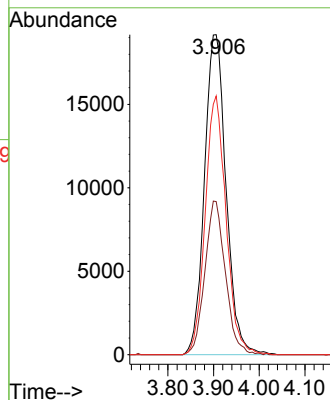
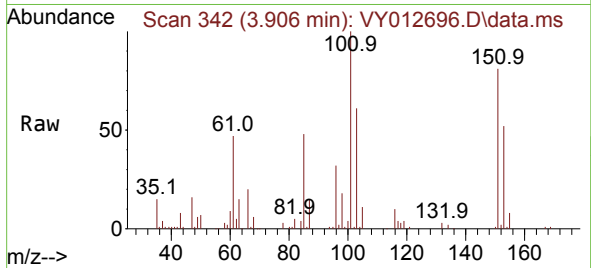




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.535 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

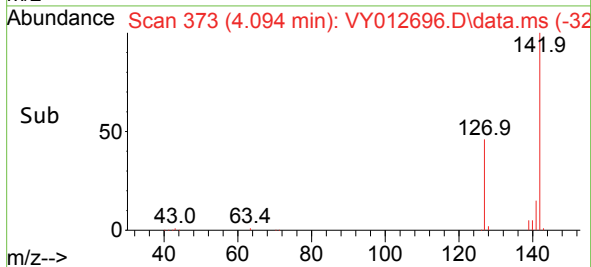
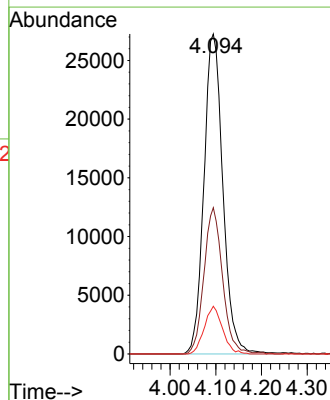
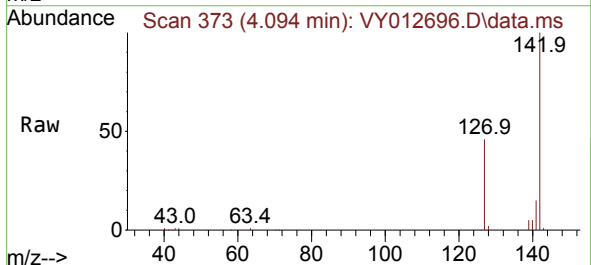
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

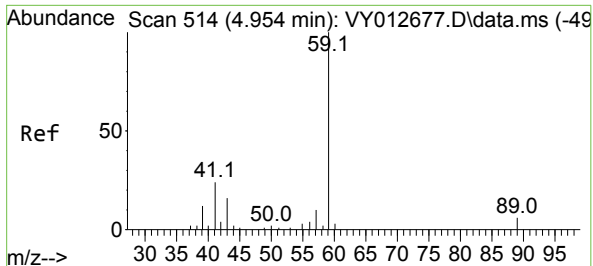
Tgt Ion:101 Resp: 63132
Ion Ratio Lower Upper
101 100
85 45.6 36.4 54.6
151 78.0 63.1 94.7



#10
Methyl Iodide
Concen: 46.105 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

Tgt Ion:142 Resp: 78526
Ion Ratio Lower Upper
142 100
127 44.7 37.3 55.9
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 211.859 ug/l

RT: 4.954 min Scan# 514

Delta R.T. -0.000 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

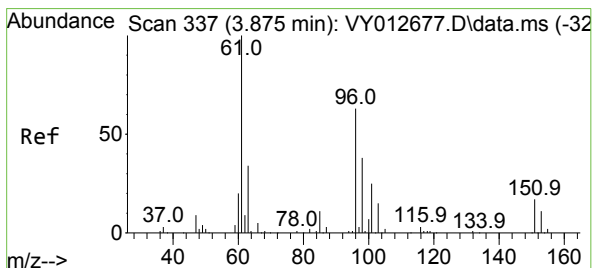
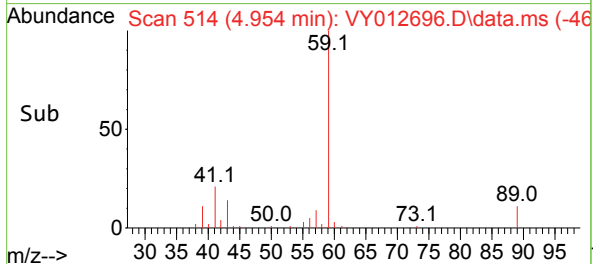
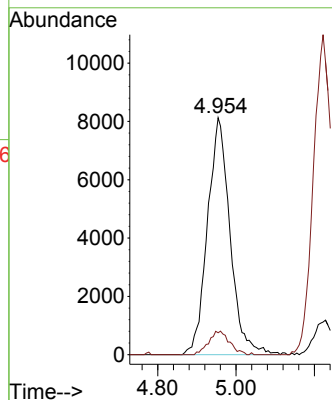
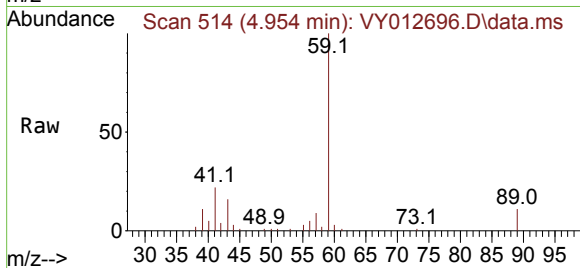
VSTDCCC050

Tgt Ion: 59 Resp: 32535

Ion Ratio Lower Upper

59 100

57 9.1 7.7 11.5



#12

1,1-Dichloroethene

Concen: 46.730 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

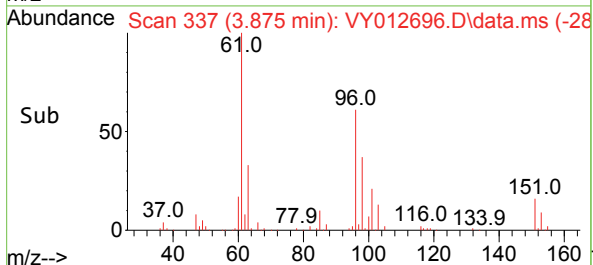
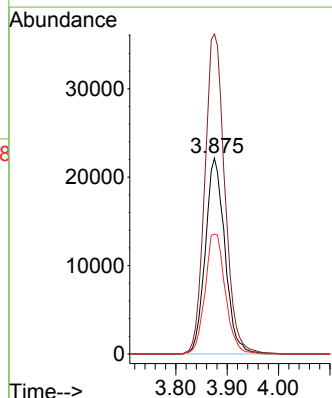
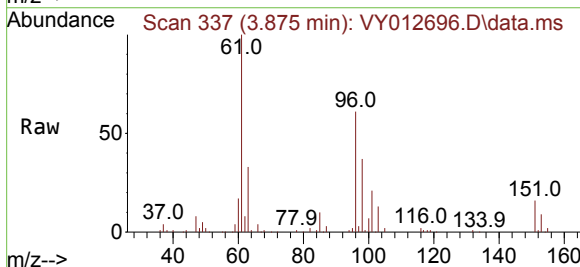
Tgt Ion: 96 Resp: 58681

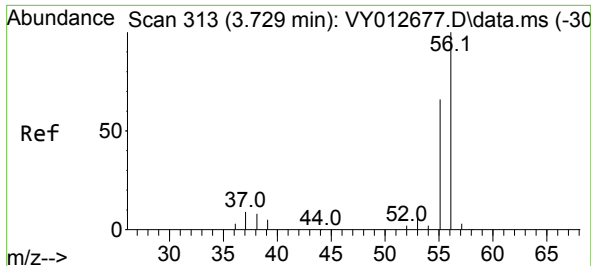
Ion Ratio Lower Upper

96 100

61 163.4 127.3 190.9

98 61.2 49.0 73.4

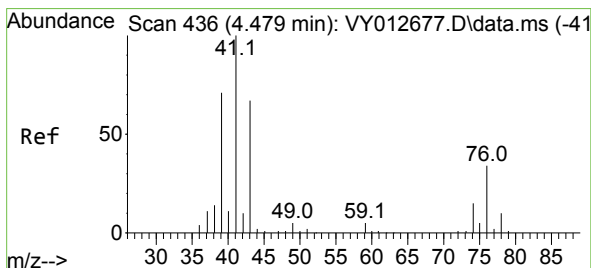
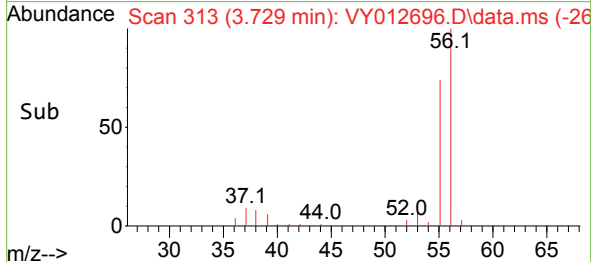
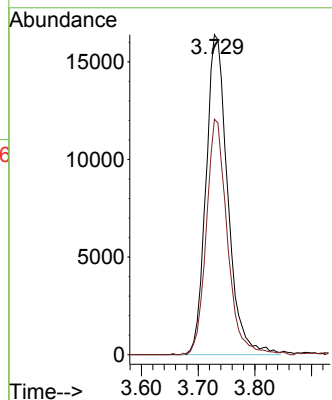
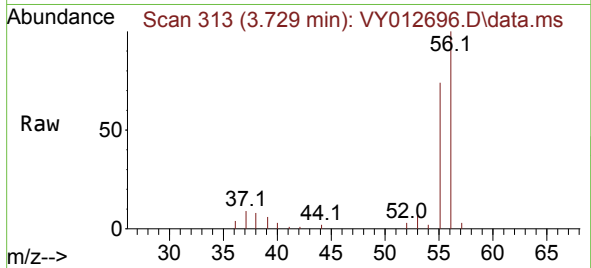




#13
Acrolein
Concen: 225.078 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

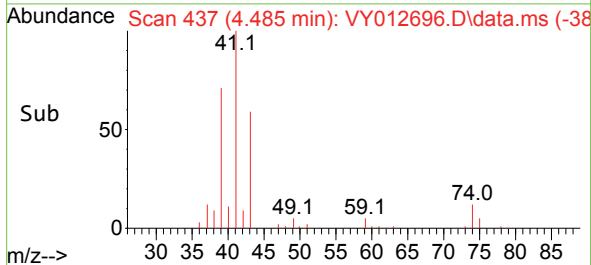
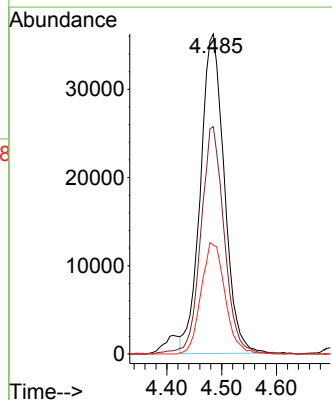
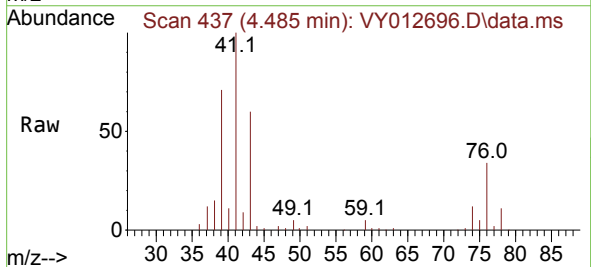
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

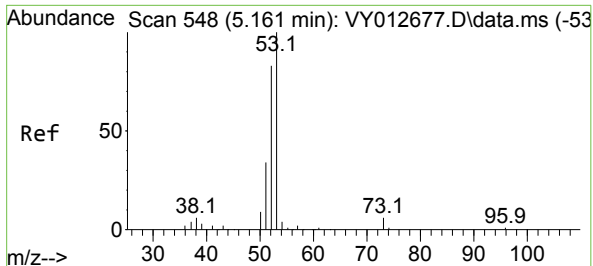
Tgt Ion: 56 Resp: 43672
Ion Ratio Lower Upper
56 100
55 71.1 55.7 83.5



#14
Allyl chloride
Concen: 44.854 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

Tgt Ion: 41 Resp: 109316
Ion Ratio Lower Upper
41 100
39 69.9 53.8 80.8
76 35.0 25.8 38.6

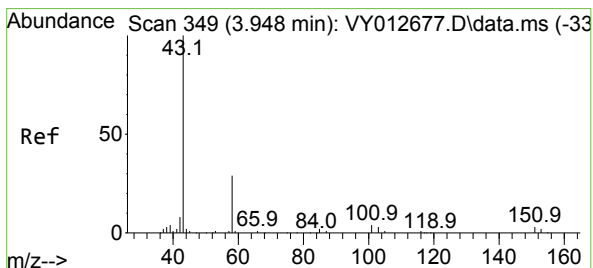
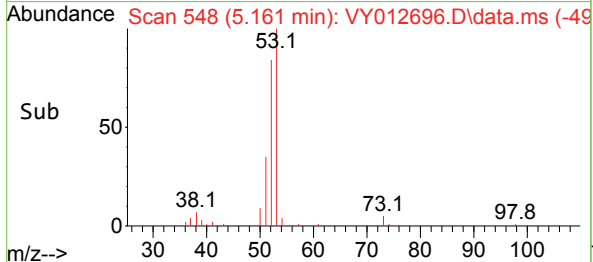
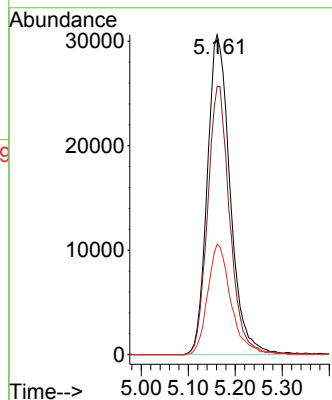
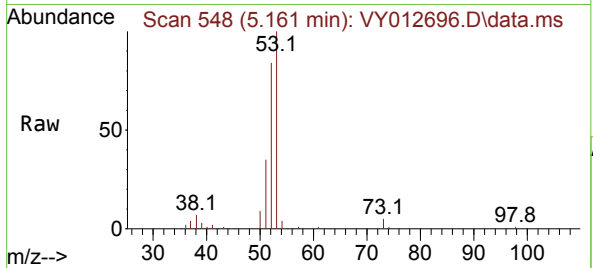




#15
Acrylonitrile
Concen: 249.312 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

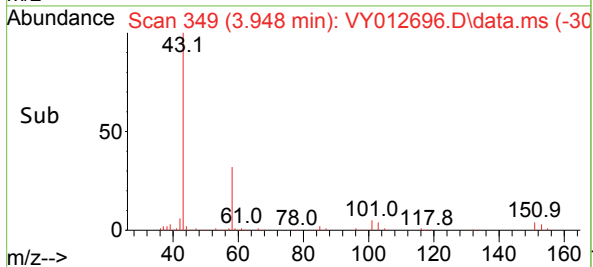
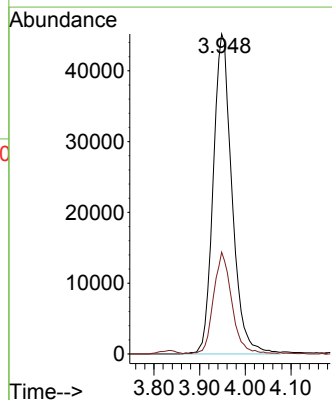
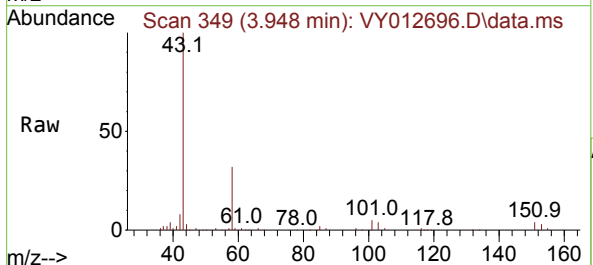
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

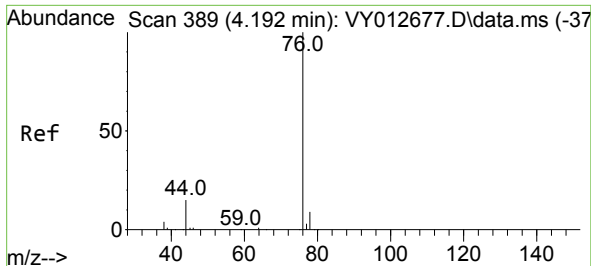
Tgt Ion: 53 Resp: 103362
Ion Ratio Lower Upper
53 100
52 80.8 65.2 97.8
51 35.4 28.6 43.0



#16
Acetone
Concen: 281.675 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

Tgt Ion: 43 Resp: 129034
Ion Ratio Lower Upper
43 100
58 31.5 23.3 34.9

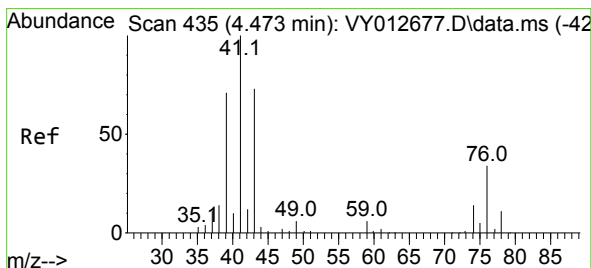
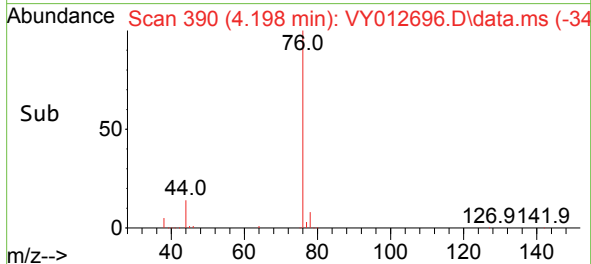
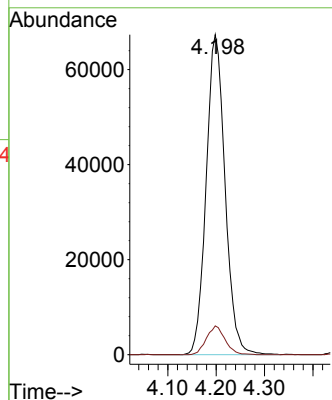
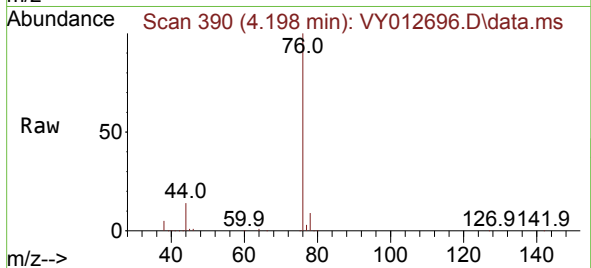




#17
Carbon Disulfide
Concen: 43.269 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

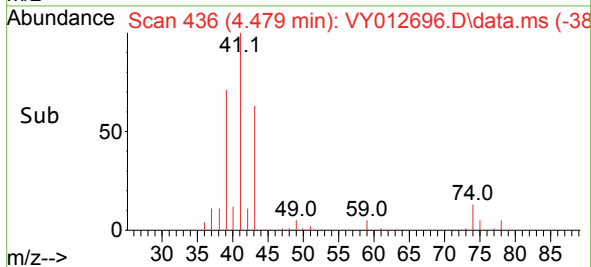
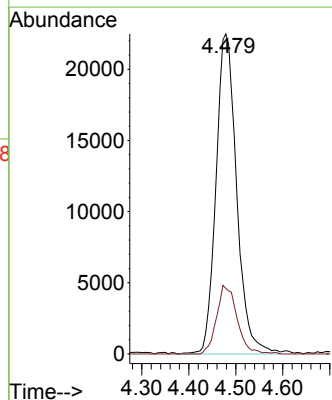
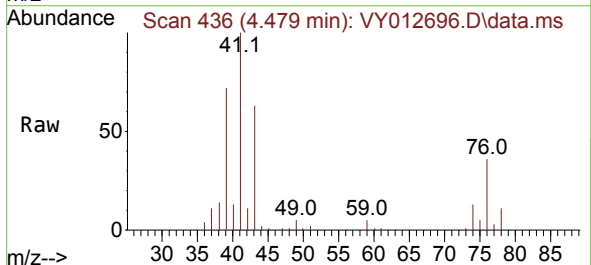
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

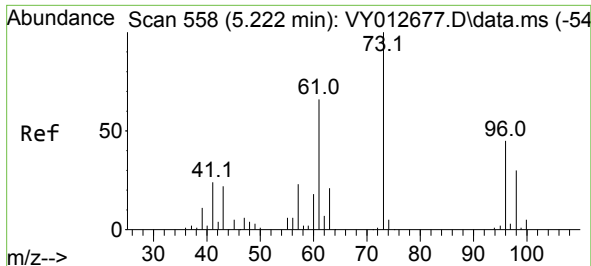
Tgt Ion: 76 Resp: 182845
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 46.638 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

Tgt Ion: 43 Resp: 68823
Ion Ratio Lower Upper
43 100
74 21.3 16.5 24.7

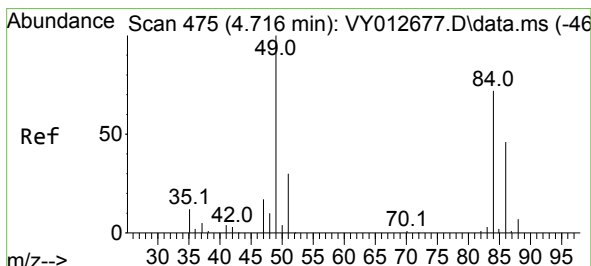
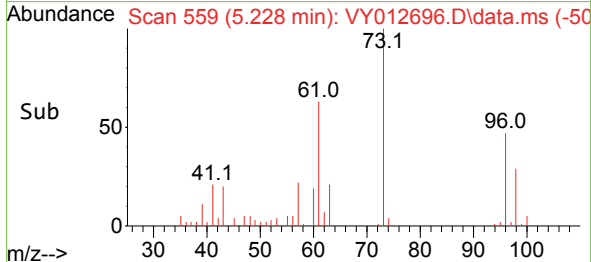
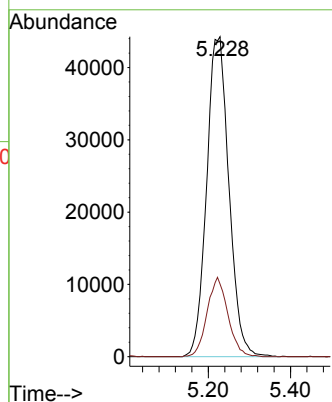
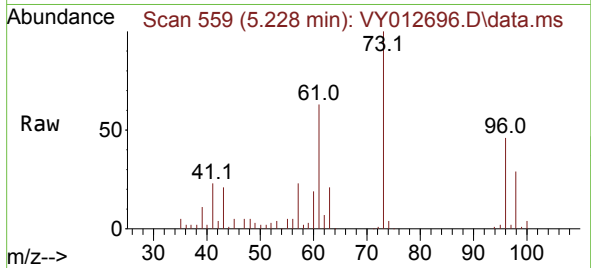




#19
Methyl tert-butyl Ether
Concen: 49.308 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

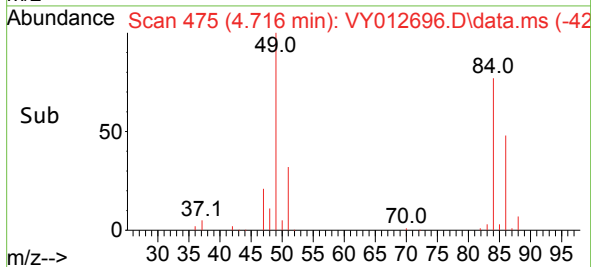
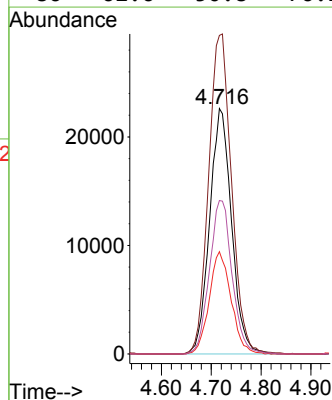
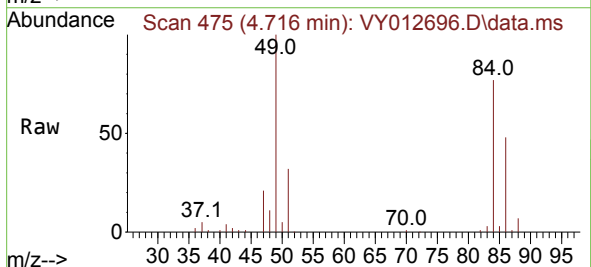
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

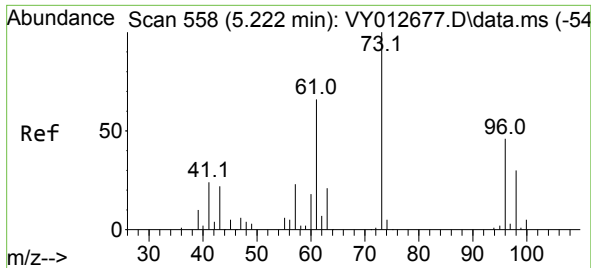
Tgt Ion: 73 Resp: 166551
Ion Ratio Lower Upper
73 100
57 22.7 18.1 27.1



#20
Methylene Chloride
Concen: 48.168 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

Tgt Ion: 84 Resp: 69183
Ion Ratio Lower Upper
84 100
49 129.8 111.1 166.7
51 41.7 33.5 50.3
86 62.6 50.8 76.2

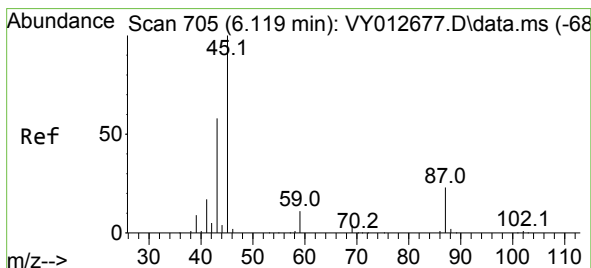
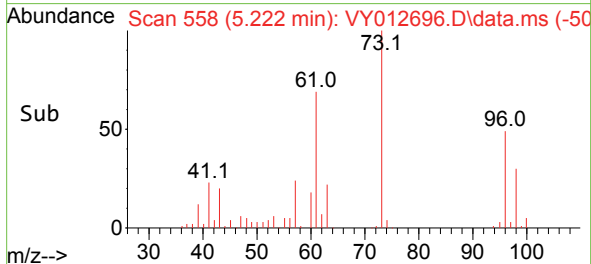
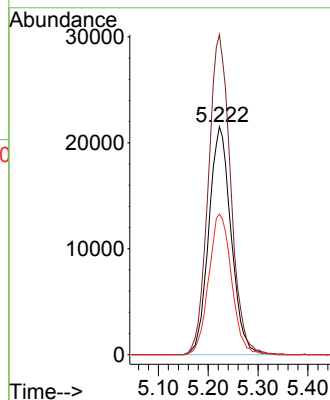
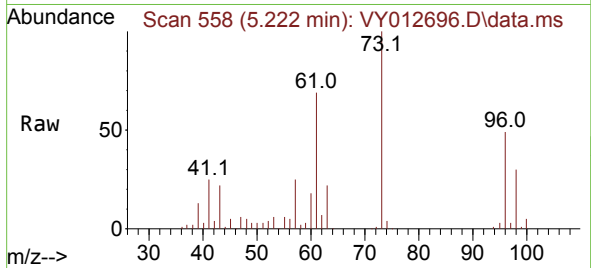




#21
trans-1,2-Dichloroethene
Concen: 48.914 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

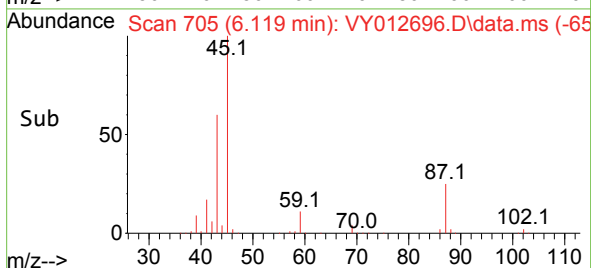
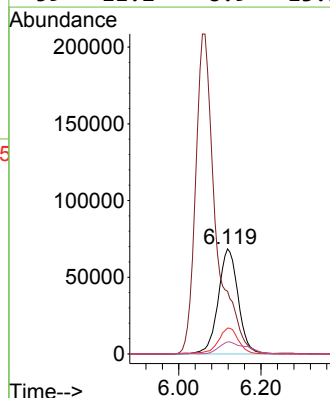
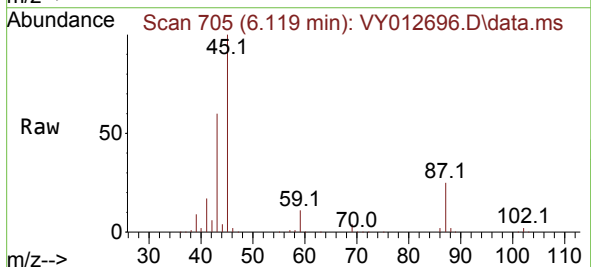
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

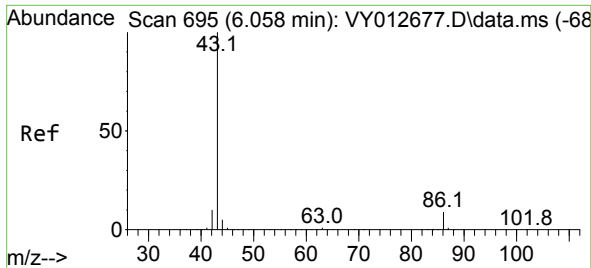
Tgt Ion: 96 Resp: 66812
Ion Ratio Lower Upper
96 100
61 140.4 116.1 174.1
98 61.7 52.3 78.5



#22
Diisopropyl ether
Concen: 50.684 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

Tgt Ion: 45 Resp: 230498
Ion Ratio Lower Upper
45 100
43 59.0 46.2 69.2
87 24.7 18.6 28.0
59 11.2 8.9 13.3

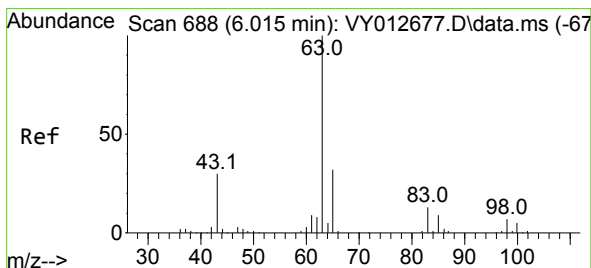
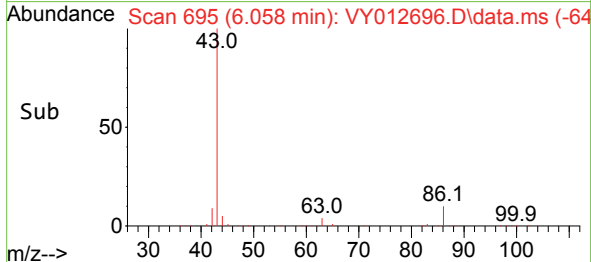
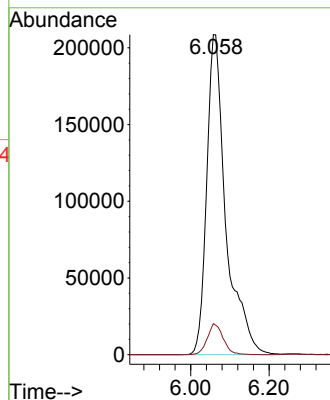
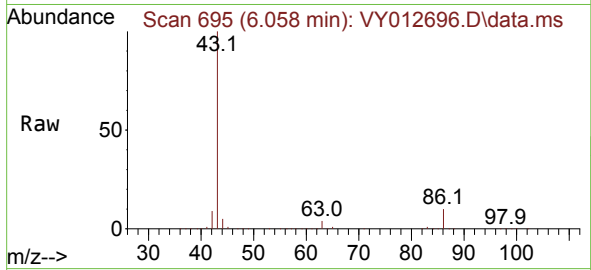




#23
 Vinyl Acetate
 Concen: 251.850 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012696.D
 Acq: 23 Feb 2023 09:35

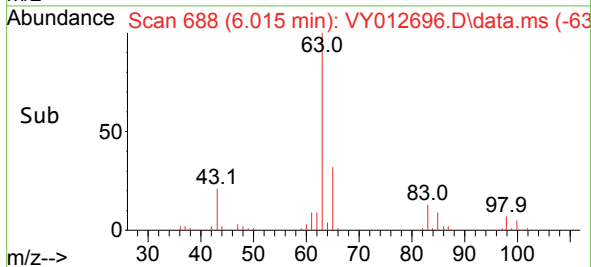
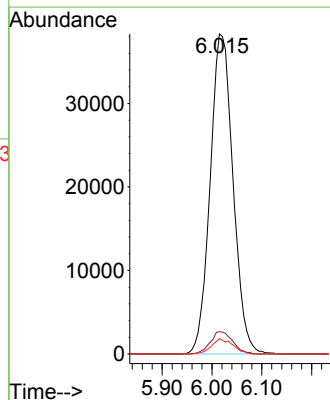
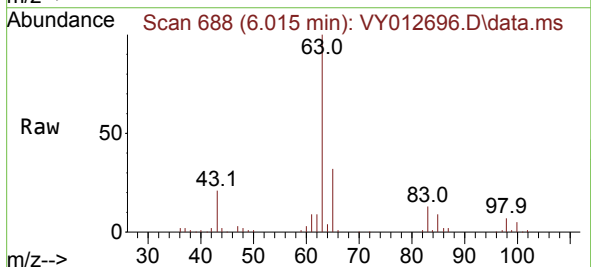
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

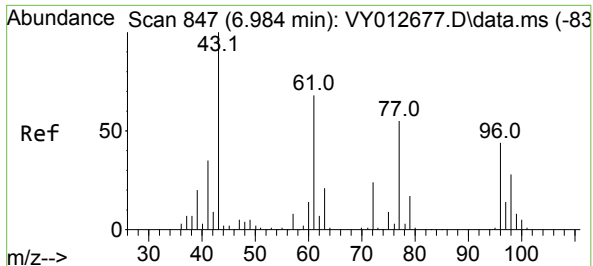
Tgt Ion: 43 Resp: 709369
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 48.420 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012696.D
 Acq: 23 Feb 2023 09:35

Tgt Ion: 63 Resp: 122105
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.7 2.3 6.9

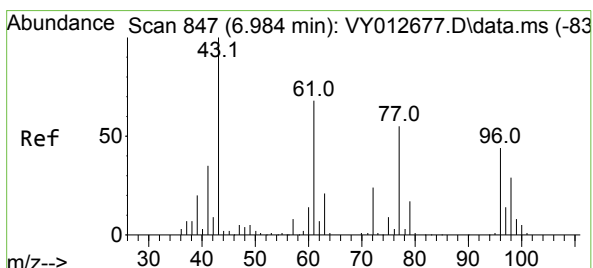
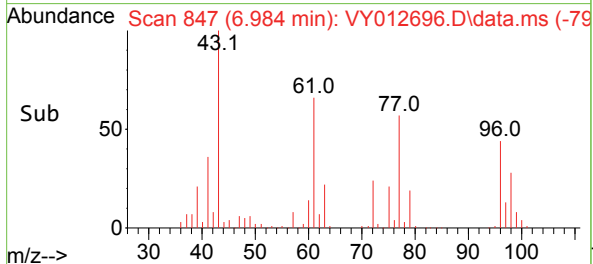
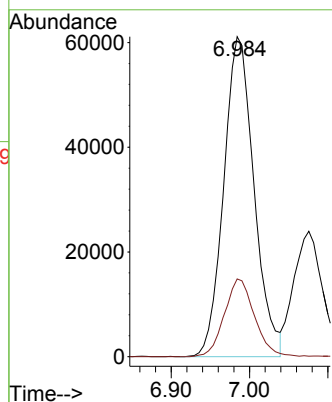
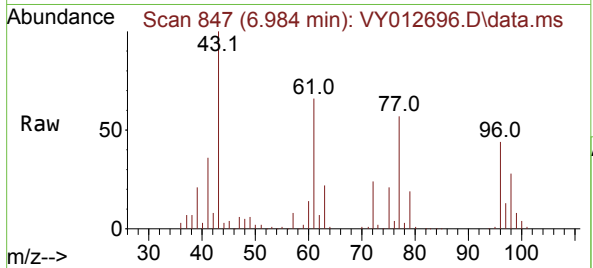




#25
2-Butanone
Concen: 270.448 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

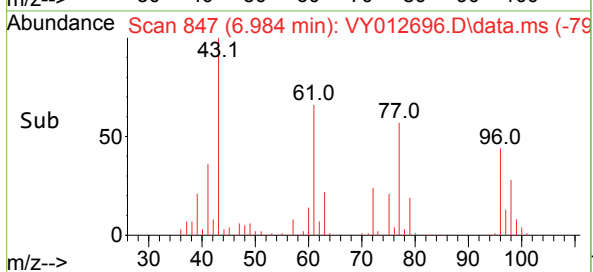
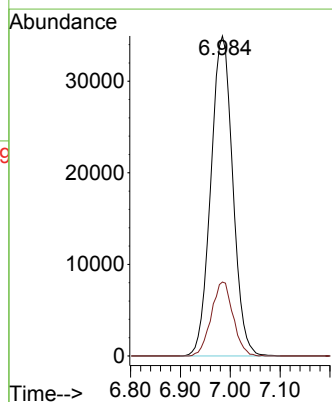
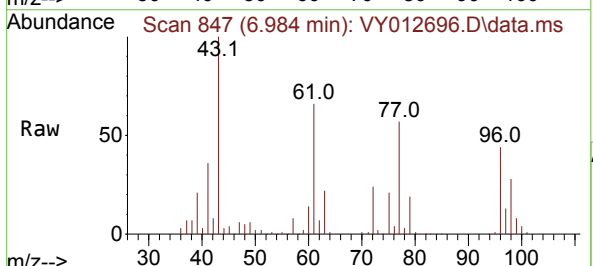
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

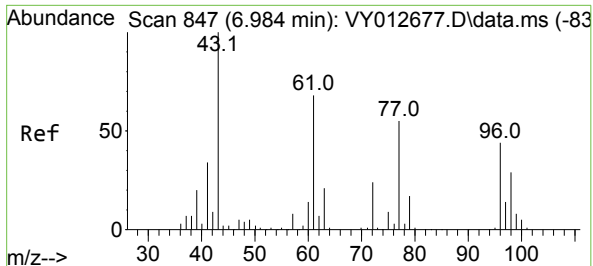
Tgt Ion: 43 Resp: 164432
Ion Ratio Lower Upper
43 100
72 24.3 18.8 28.2



#26
2,2-Dichloropropane
Concen: 48.597 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

Tgt Ion: 77 Resp: 106902
Ion Ratio Lower Upper
77 100
97 22.9 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 50.251 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

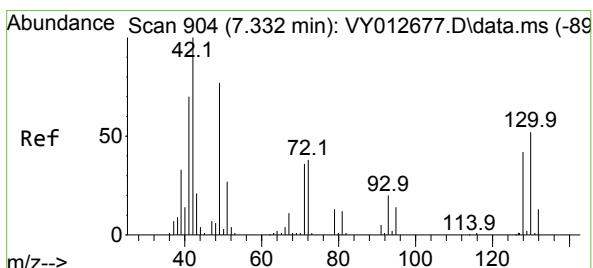
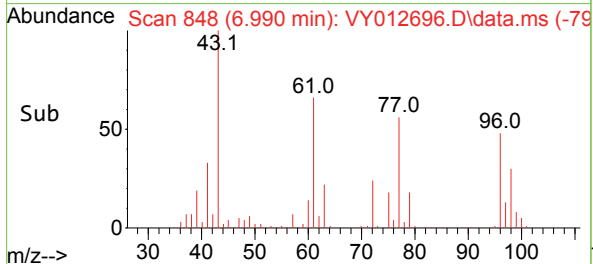
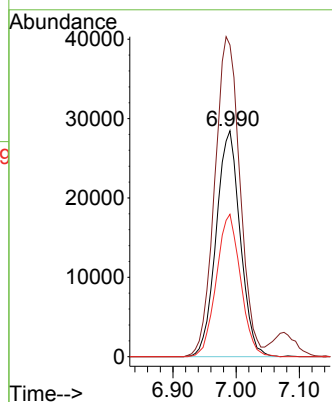
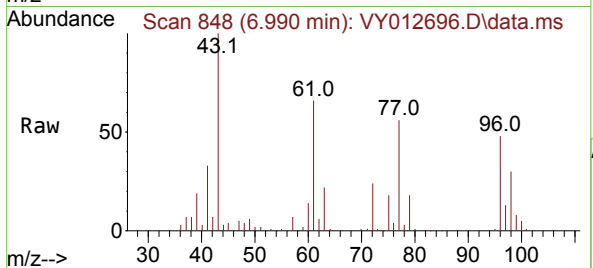
Tgt Ion: 96 Resp: 75101

Ion Ratio Lower Upper

96 100

61 148.7 0.0 308.8

98 63.6 0.0 129.0



#28

Bromochloromethane

Concen: 51.365 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

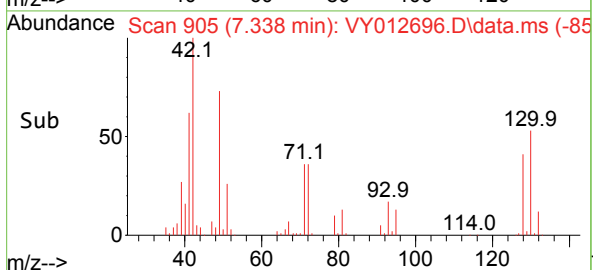
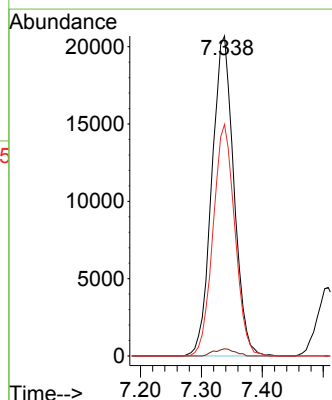
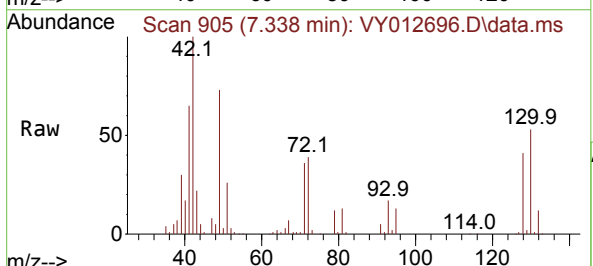
Tgt Ion: 49 Resp: 51868

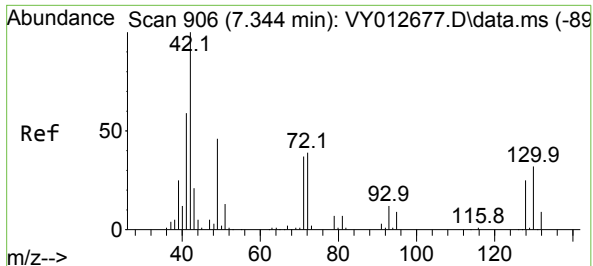
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

130 71.6 54.3 81.5





#29

Tetrahydrofuran

Concen: 252.507 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

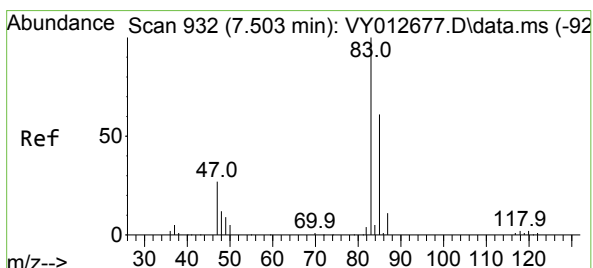
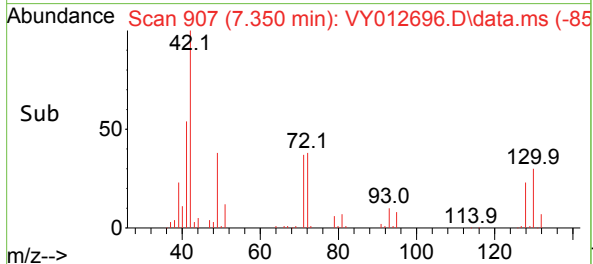
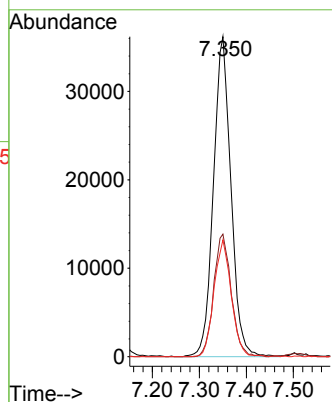
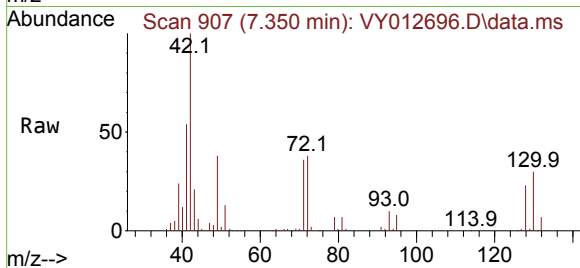
Tgt Ion: 42 Resp: 93729

Ion Ratio Lower Upper

42 100

72 38.4 30.6 45.8

71 36.0 28.6 42.8



#30

Chloroform

Concen: 49.877 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY012696.D

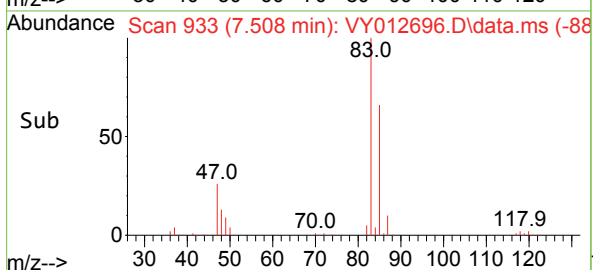
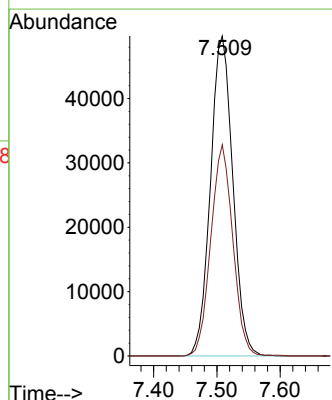
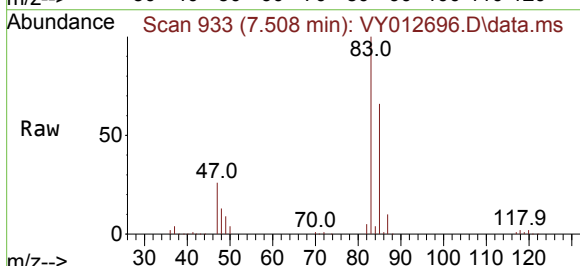
Acq: 23 Feb 2023 09:35

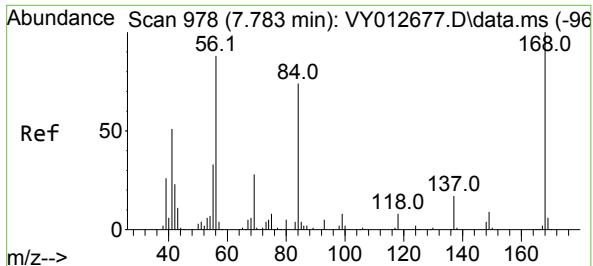
Tgt Ion: 83 Resp: 121873

Ion Ratio Lower Upper

83 100

85 66.0 48.9 73.3





#31

Cyclohexane

Concen: 45.041 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

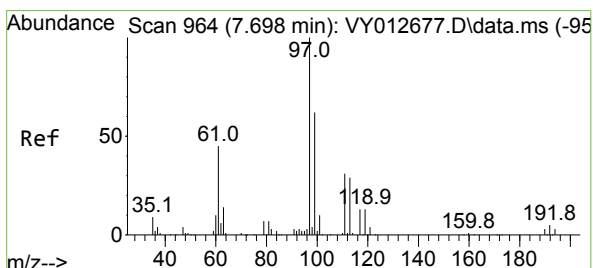
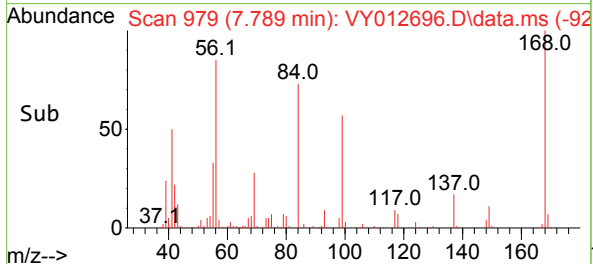
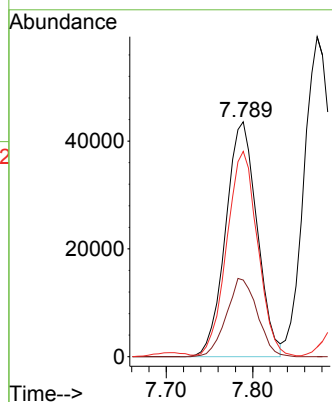
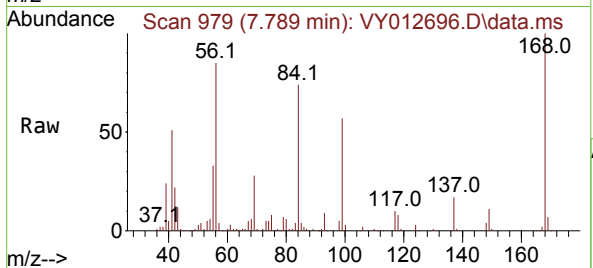
Tgt Ion: 56 Resp: 109856

Ion Ratio Lower Upper

56 100

69 32.6 25.4 38.2

84 86.0 67.3 100.9



#32

1,1,1-Trichloroethane

Concen: 48.364 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.006 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

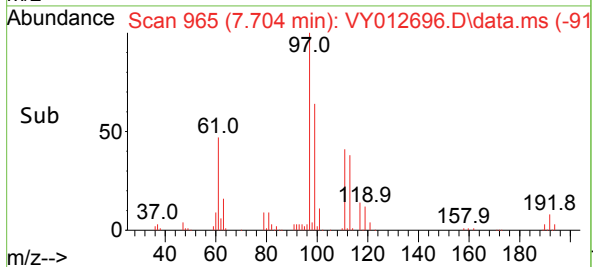
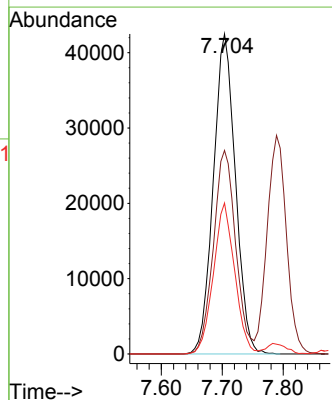
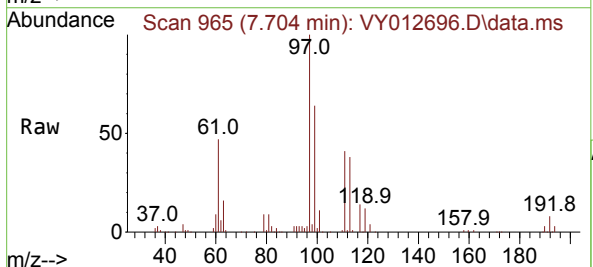
Tgt Ion: 97 Resp: 106981

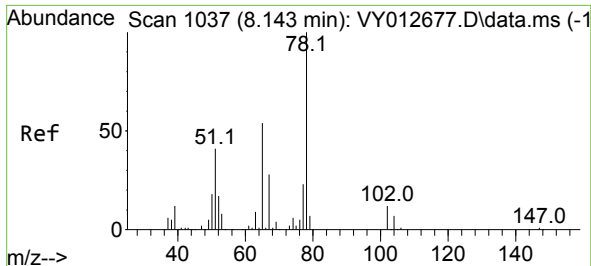
Ion Ratio Lower Upper

97 100

99 64.6 50.6 75.8

61 45.6 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 46.989 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

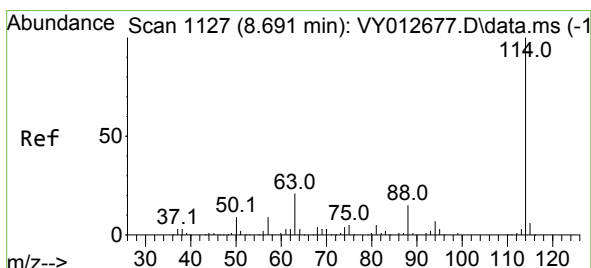
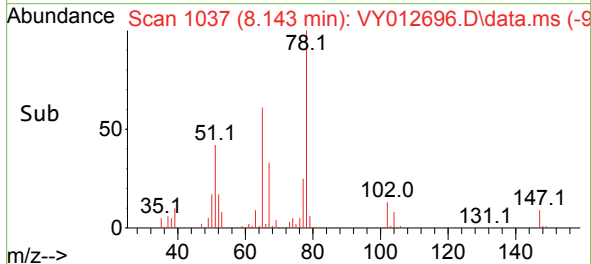
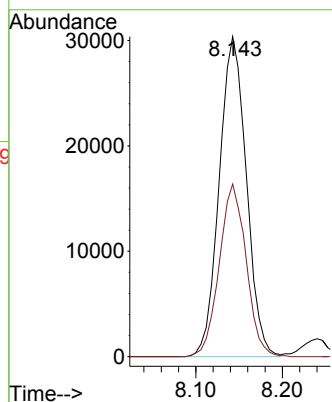
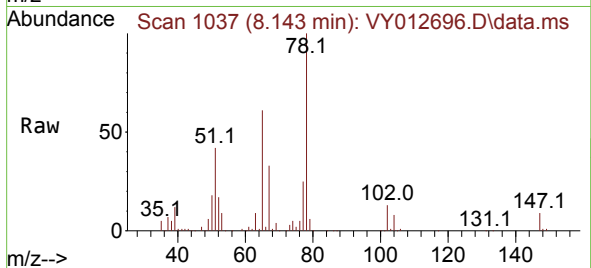
VSTDCCC050

Tgt Ion: 65 Resp: 65967

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

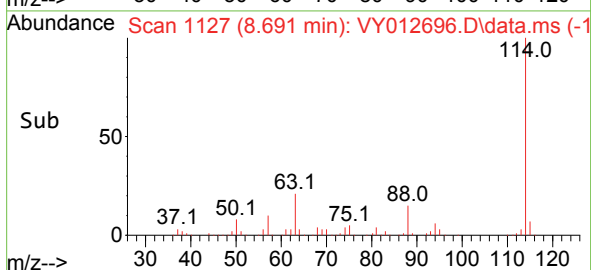
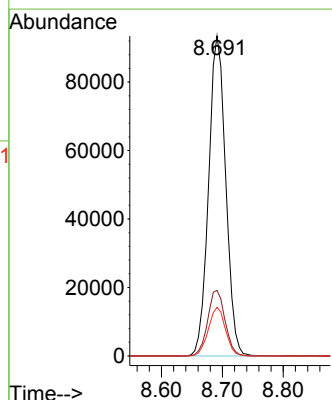
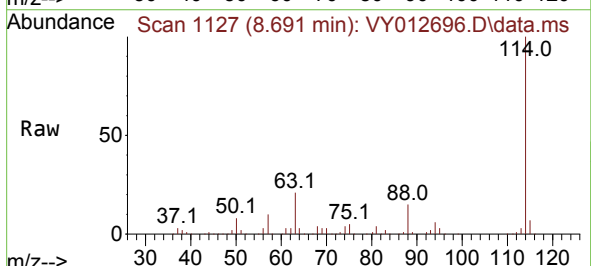
Tgt Ion: 114 Resp: 182497

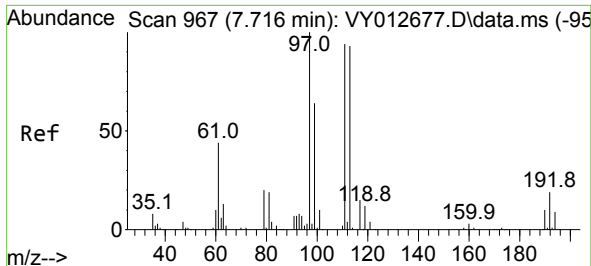
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

88 15.2 0.0 29.6

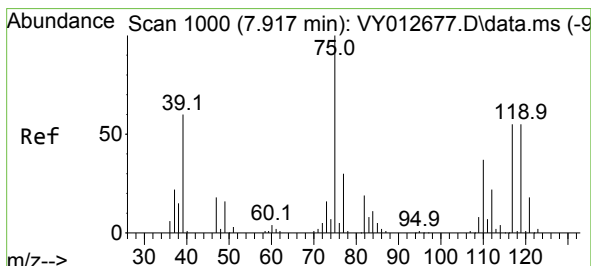
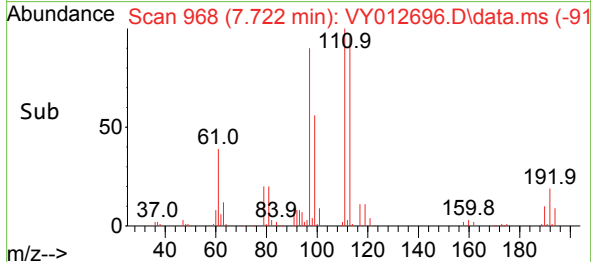
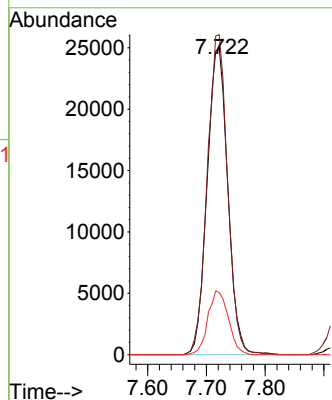
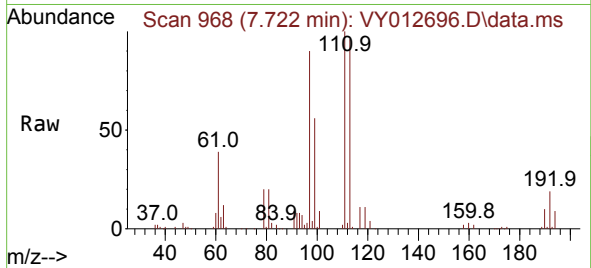




#35
Dibromofluoromethane
Concen: 49.670 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

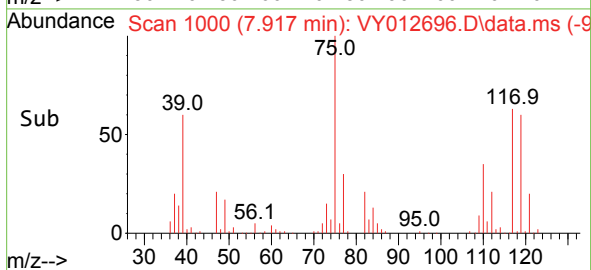
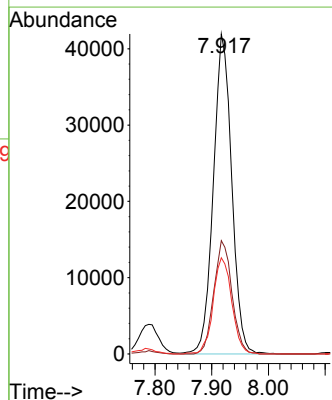
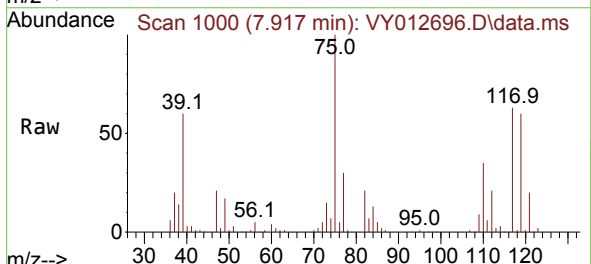
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

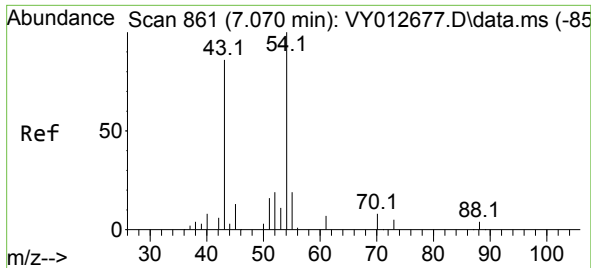
Tgt Ion:113 Resp: 61226
Ion Ratio Lower Upper
113 100
111 102.3 82.0 123.0
192 20.6 16.2 24.2



#36
1,1-Dichloropropene
Concen: 48.269 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

Tgt Ion: 75 Resp: 94310
Ion Ratio Lower Upper
75 100
110 34.9 17.6 52.8
77 30.5 24.6 37.0

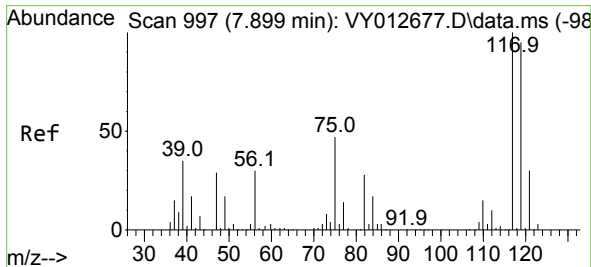
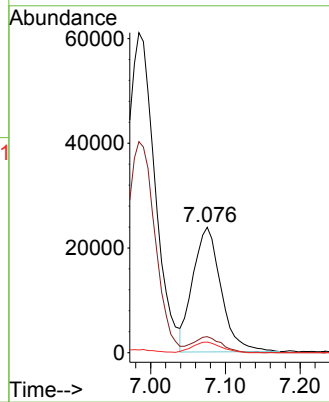
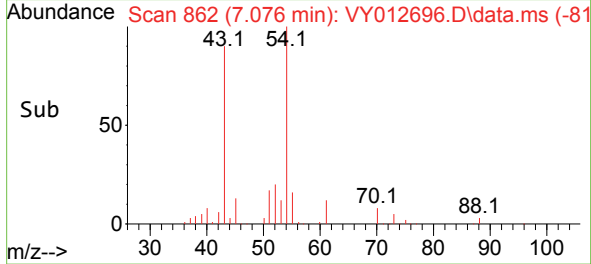
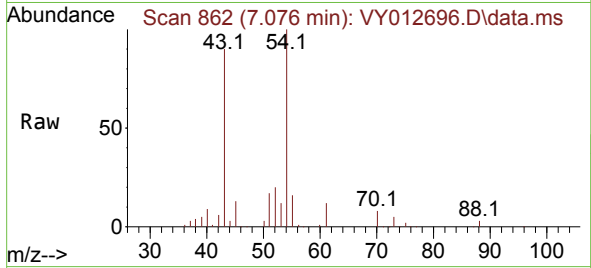




#37
Ethyl Acetate
Concen: 47.281 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

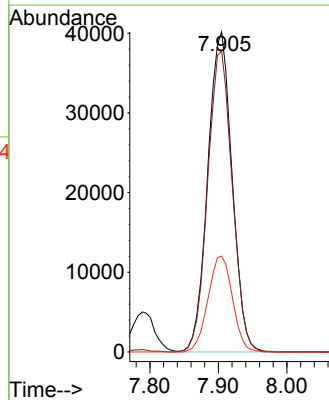
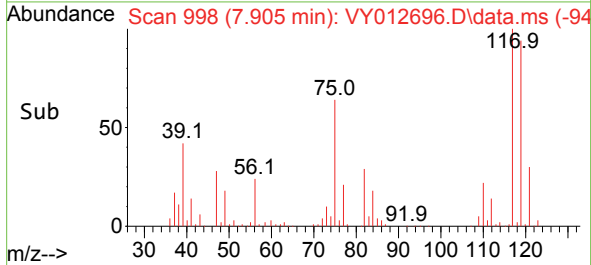
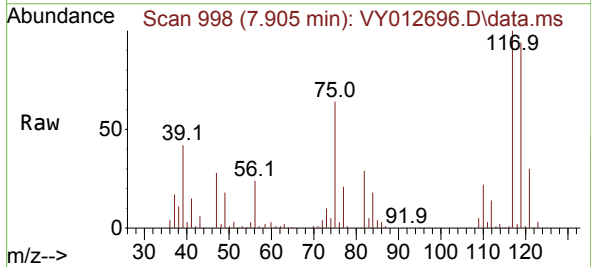
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

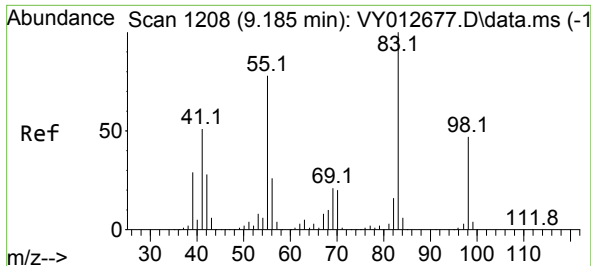
Tgt Ion: 43	Resp: 62334
Ion Ratio	Lower Upper
43 100	
61 12.7	9.9 14.9
70 8.7	6.4 9.6



#38
Carbon Tetrachloride
Concen: 49.063 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

Tgt Ion: 117	Resp: 99121
Ion Ratio	Lower Upper
117 100	
119 94.1	75.5 113.3
121 30.0	23.8 35.8





#39

Methylcyclohexane

Concen: 49.879 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

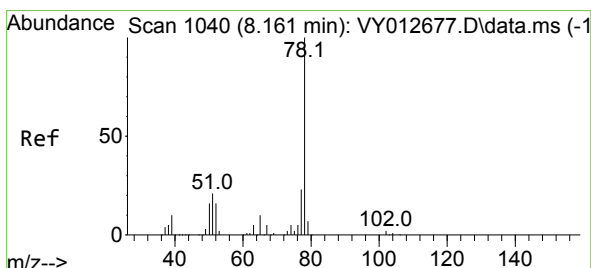
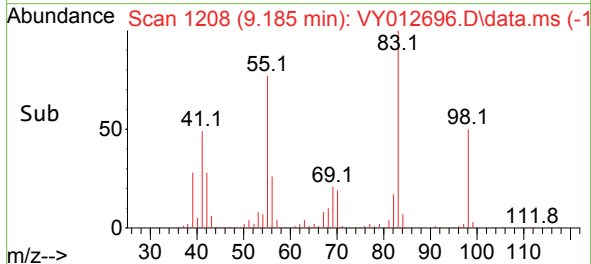
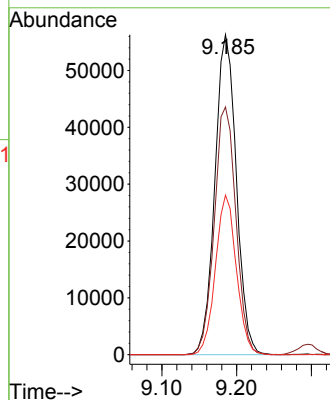
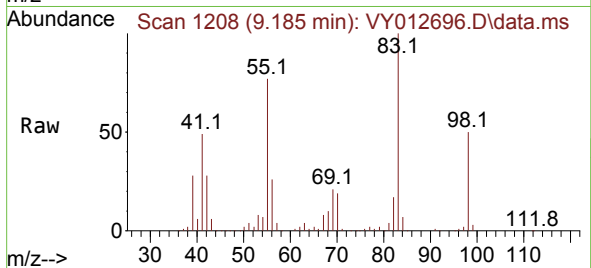
Tgt Ion: 83 Resp: 112421

Ion Ratio Lower Upper

83 100

55 77.4 62.5 93.7

98 49.8 37.8 56.6



#40

Benzene

Concen: 49.612 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012696.D

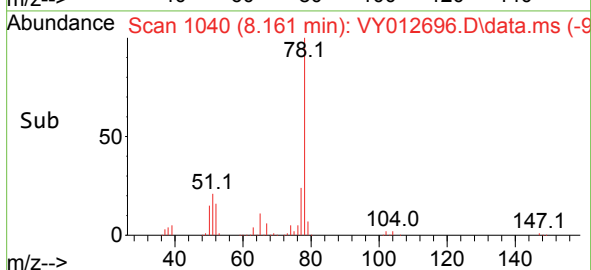
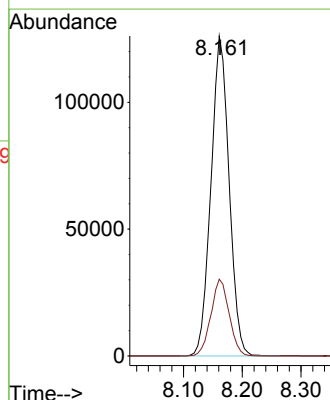
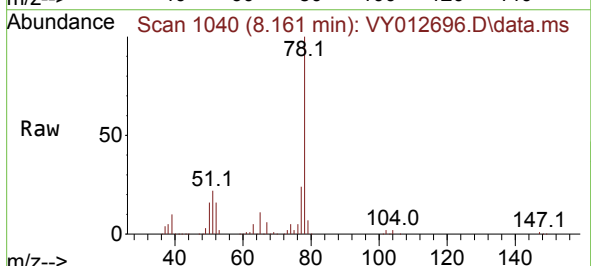
Acq: 23 Feb 2023 09:35

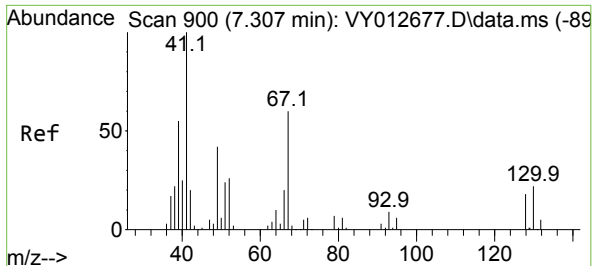
Tgt Ion: 78 Resp: 270579

Ion Ratio Lower Upper

78 100

77 24.0 18.5 27.7

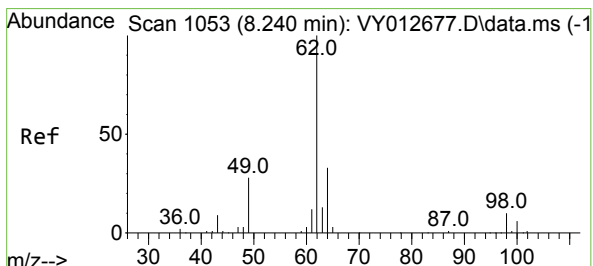
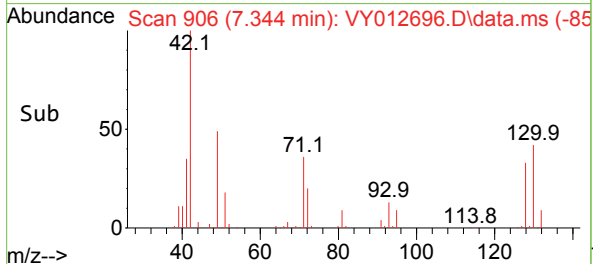
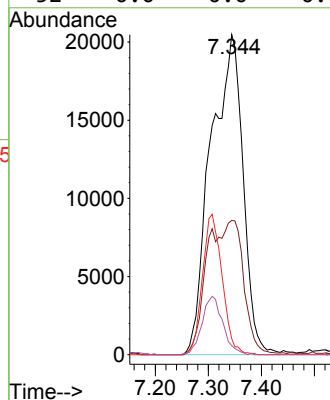
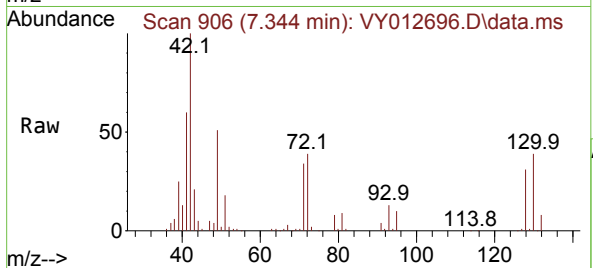




#41
Methacrylonitrile
Concen: 134.174 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

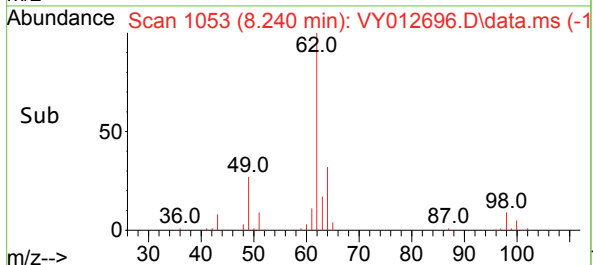
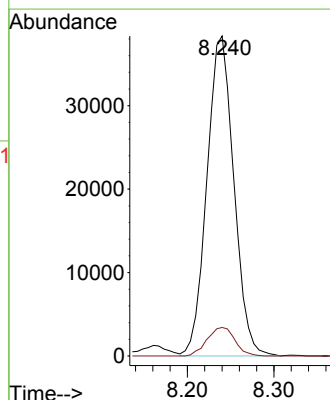
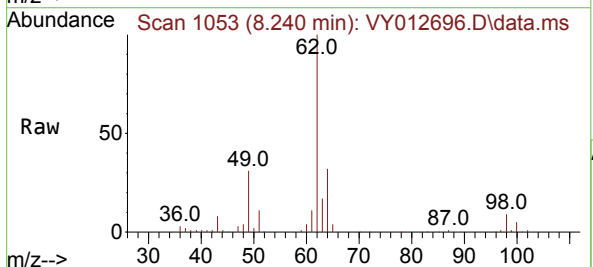
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

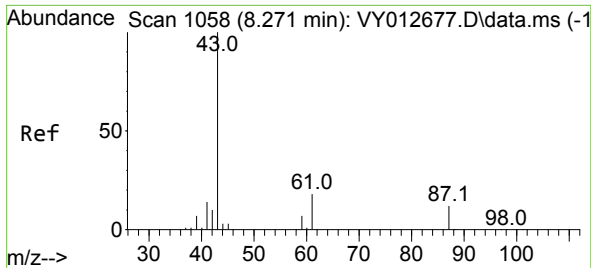
Tgt Ion: 41	Resp: 86155
Ion Ratio	Lower Upper
41 100	
39 0.0	0.0 0.0
67 0.0	0.0 0.0
52 0.0	0.0 0.0



#42
1,2-Dichloroethane
Concen: 48.997 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

Tgt Ion: 62	Resp: 82863
Ion Ratio	Lower Upper
62 100	
98 9.2	0.0 18.8

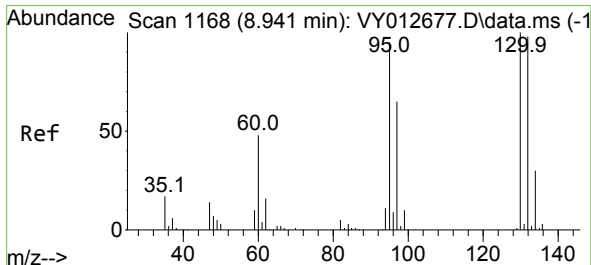
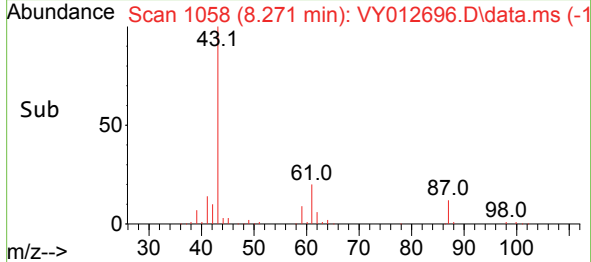
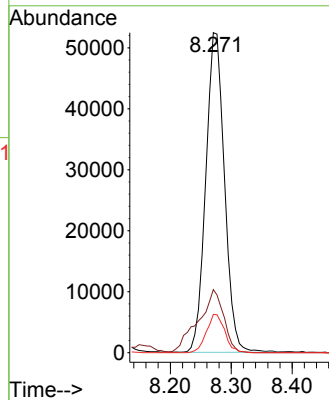
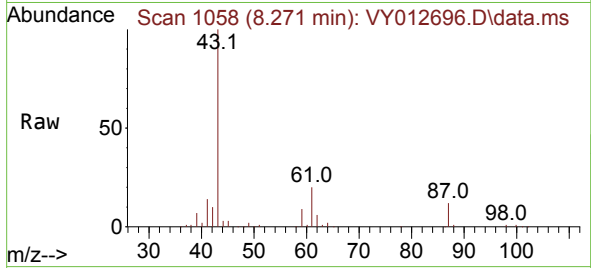




#43
Isopropyl Acetate
Concen: 49.184 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

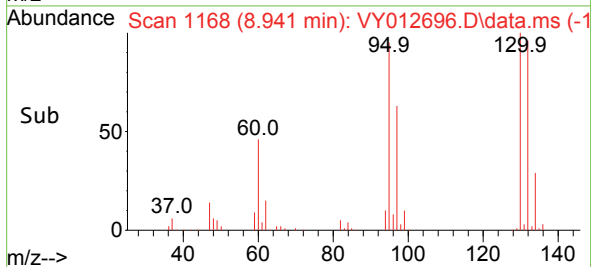
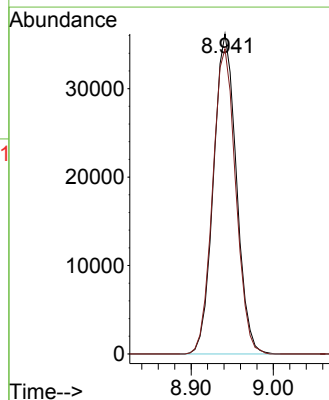
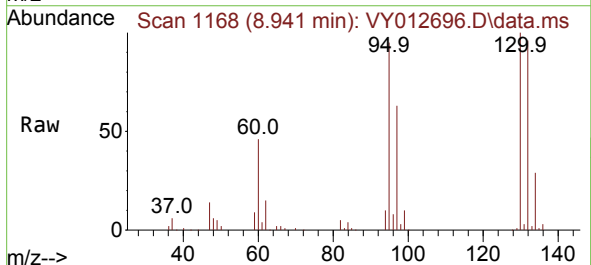
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

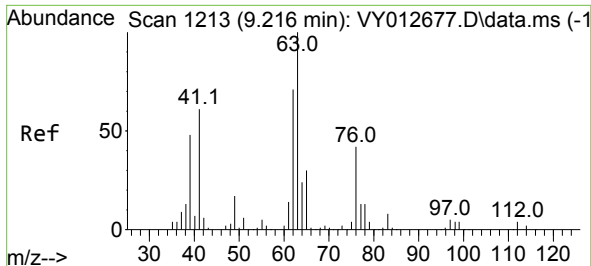
Tgt Ion: 43 Resp: 112052
Ion Ratio Lower Upper
43 100
61 26.8 20.5 30.7
87 11.8 9.2 13.8



#44
Trichloroethene
Concen: 49.504 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

Tgt Ion:130 Resp: 69804
Ion Ratio Lower Upper
130 100
95 95.3 0.0 190.6





#45

1,2-Dichloropropane

Concen: 50.750 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

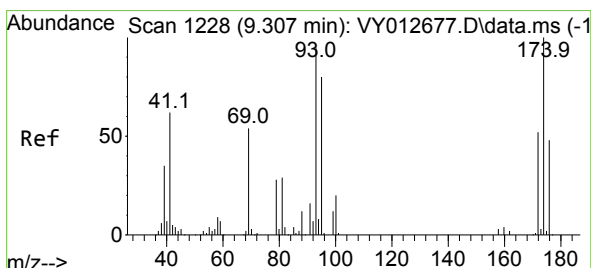
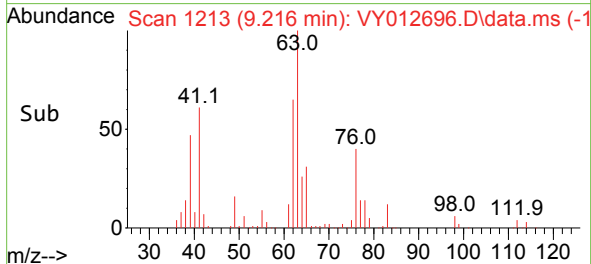
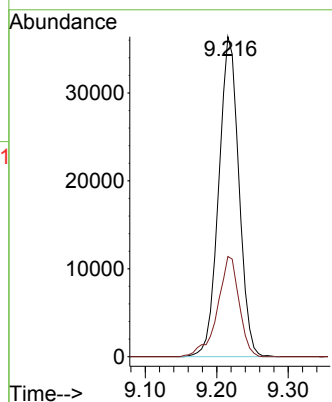
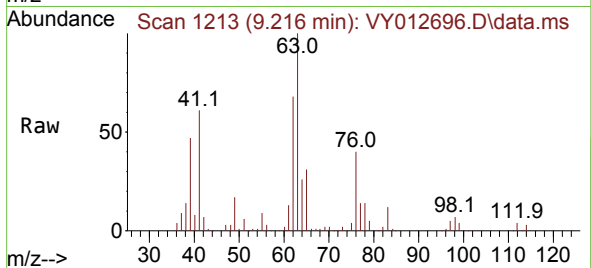
VSTDCCC050

Tgt Ion: 63 Resp: 71197

Ion Ratio Lower Upper

63 100

65 31.3 23.9 35.9



#46

Dibromomethane

Concen: 50.847 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

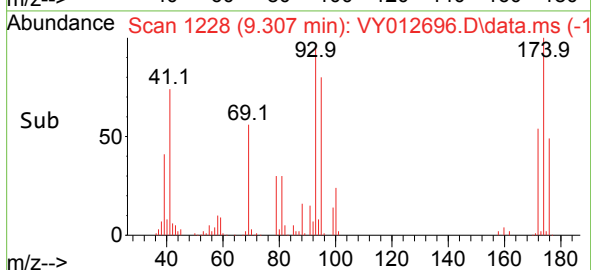
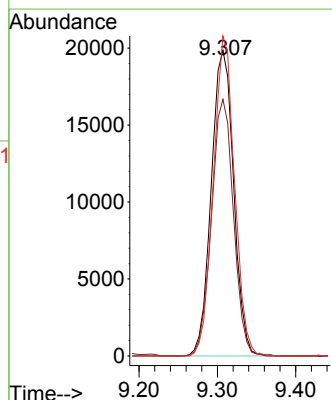
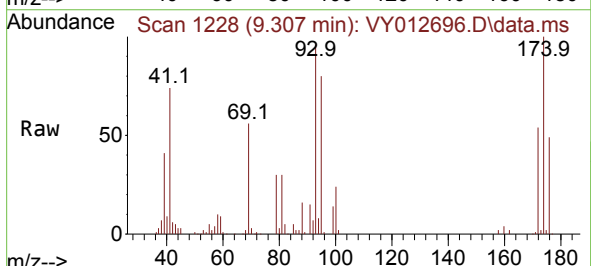
Tgt Ion: 93 Resp: 39377

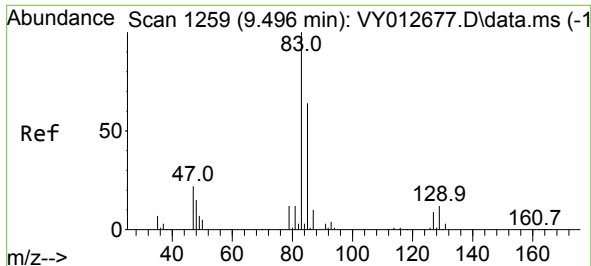
Ion Ratio Lower Upper

93 100

95 82.3 66.6 99.8

174 99.3 79.8 119.6

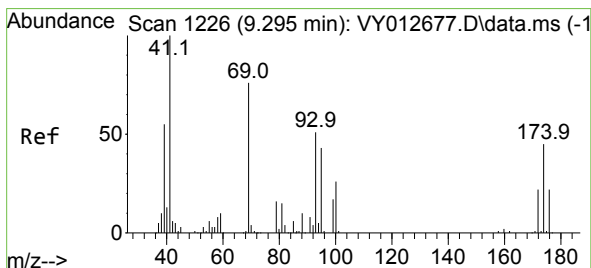
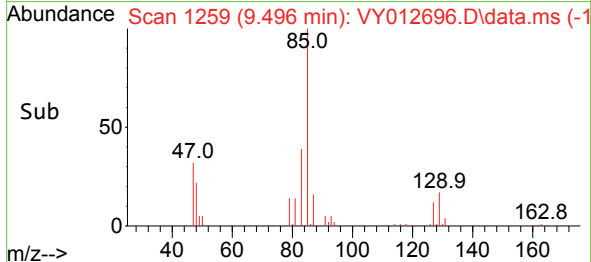
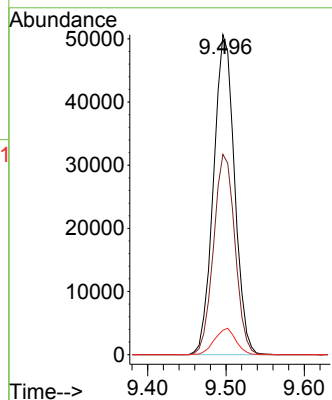
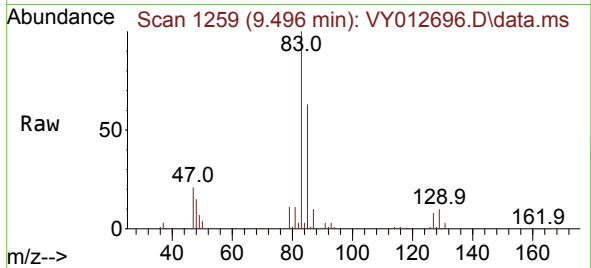




#47
Bromodichloromethane
Concen: 50.703 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

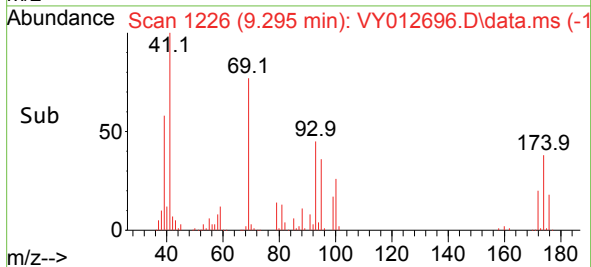
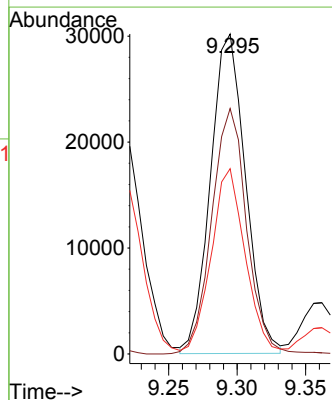
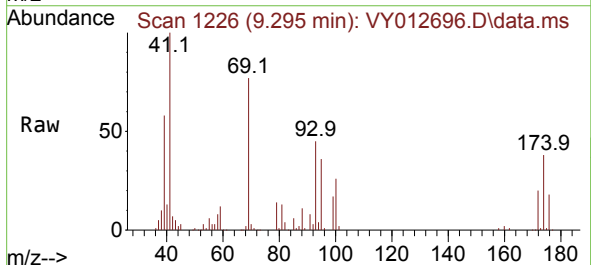
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

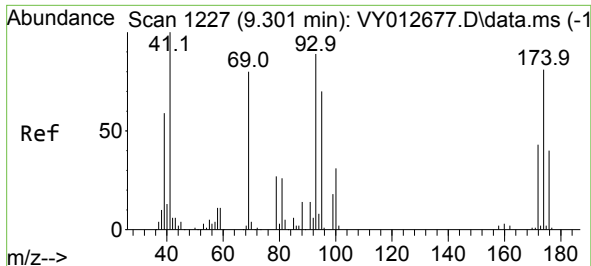
Tgt Ion: 83 Resp: 94527
Ion Ratio Lower Upper
83 100
85 62.6 50.9 76.3
127 7.6 7.1 10.7



#48
Methyl methacrylate
Concen: 50.597 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

Tgt Ion: 41 Resp: 53790
Ion Ratio Lower Upper
41 100
69 76.7 62.6 93.8
39 54.2 45.1 67.7





#49

1,4-Dioxane

Concen: 845.999 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

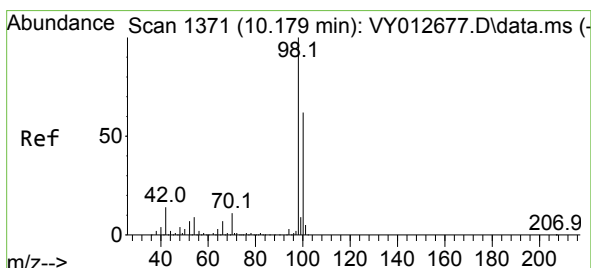
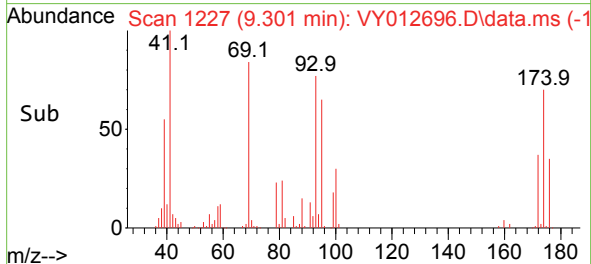
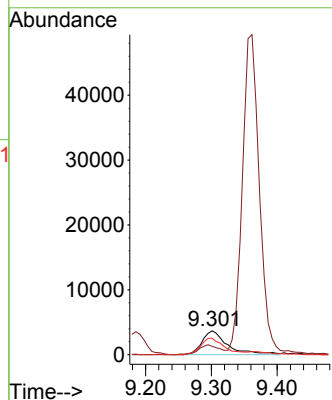
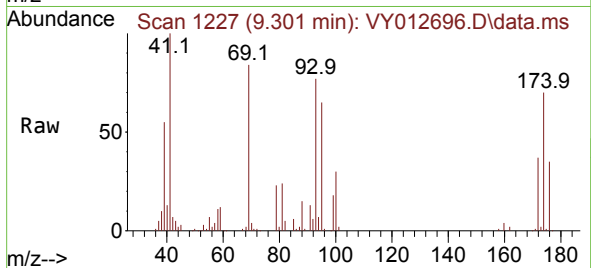
Tgt Ion: 88 Resp: 9992

Ion Ratio Lower Upper

88 100

43 32.4 23.1 34.7

58 64.5 45.8 68.8



#50

Toluene-d8

Concen: 50.272 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012696.D

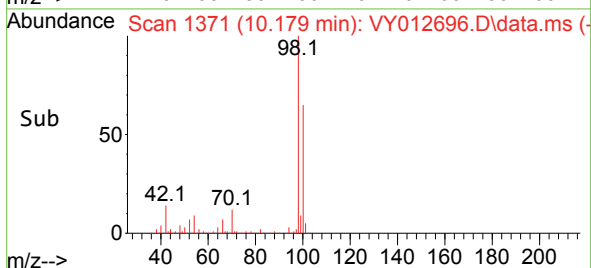
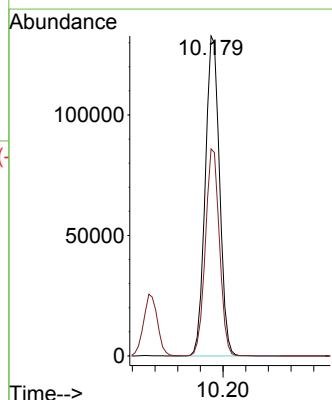
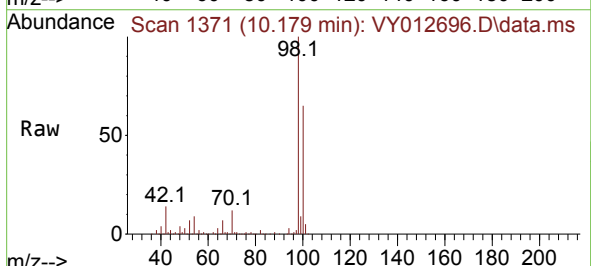
Acq: 23 Feb 2023 09:35

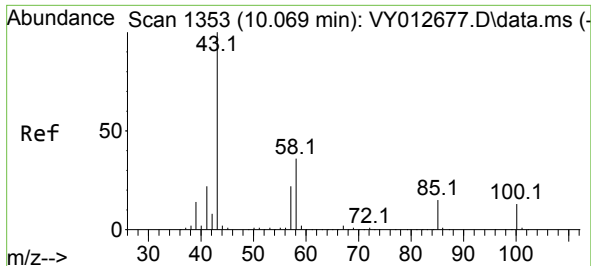
Tgt Ion: 98 Resp: 232156

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8

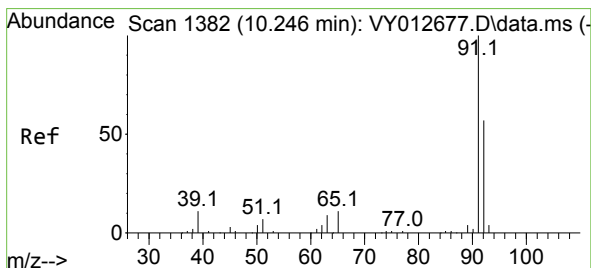
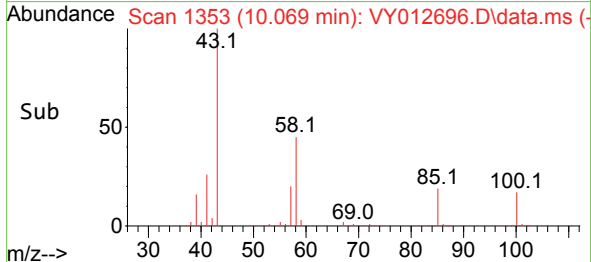
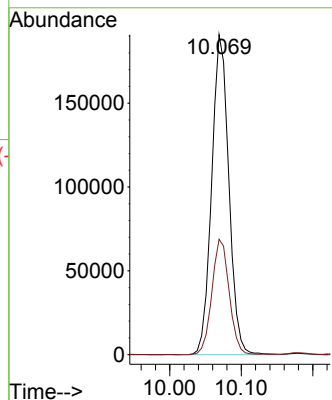
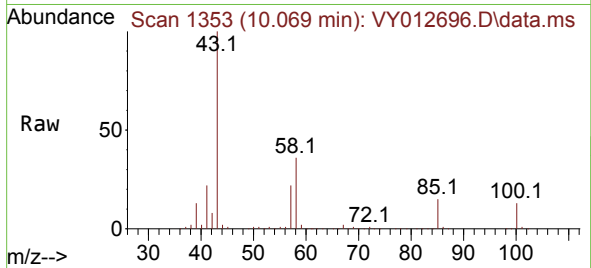




#51
4-Methyl-2-Pentanone
Concen: 258.570 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

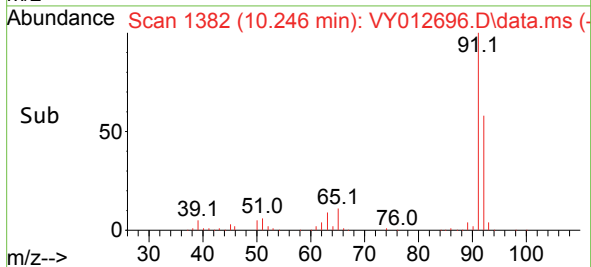
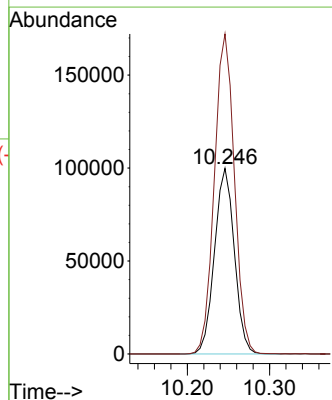
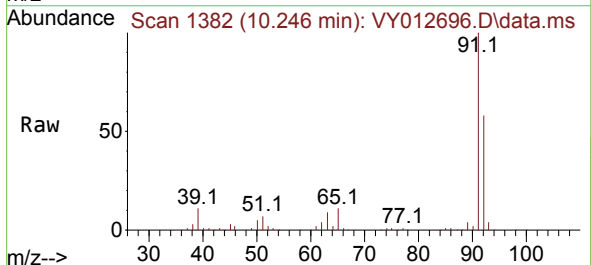
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

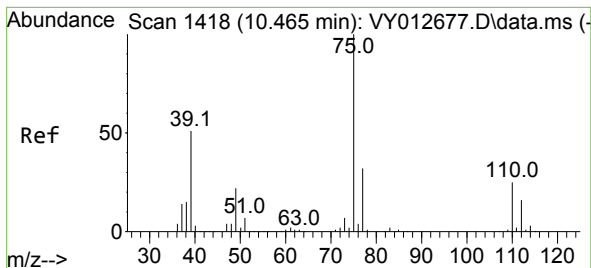
Tgt Ion: 43 Resp: 317768
Ion Ratio Lower Upper
43 100
58 36.5 28.8 43.2



#52
Toluene
Concen: 51.842 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

Tgt Ion: 92 Resp: 167525
Ion Ratio Lower Upper
92 100
91 174.2 139.5 209.3

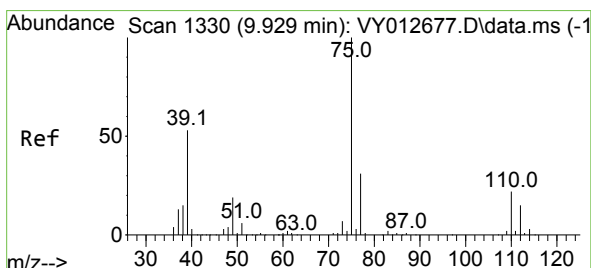
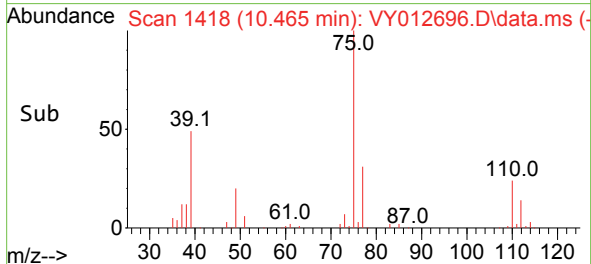
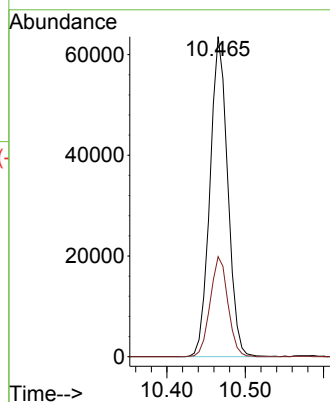
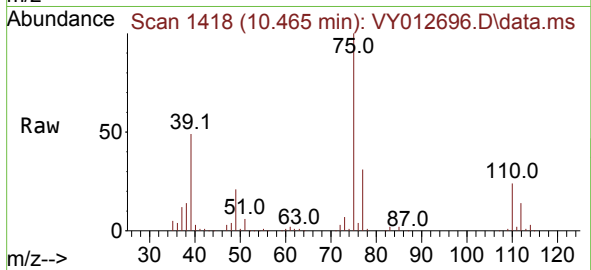




#53
 t-1,3-Dichloropropene
 Concen: 51.283 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY012696.D
 Acq: 23 Feb 2023 09:35

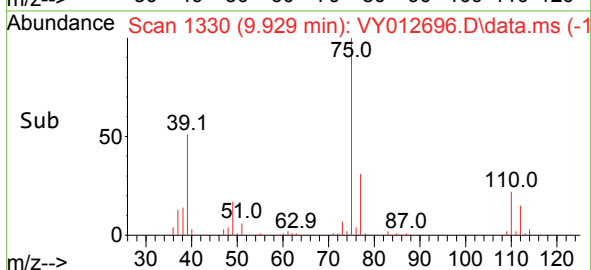
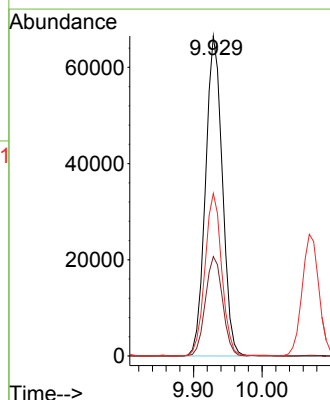
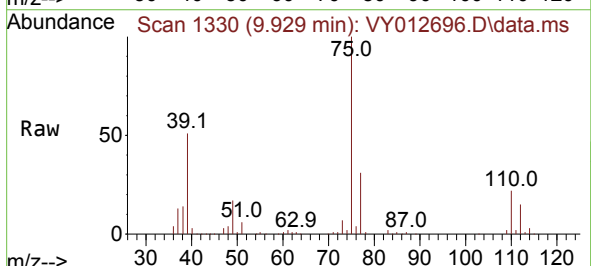
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

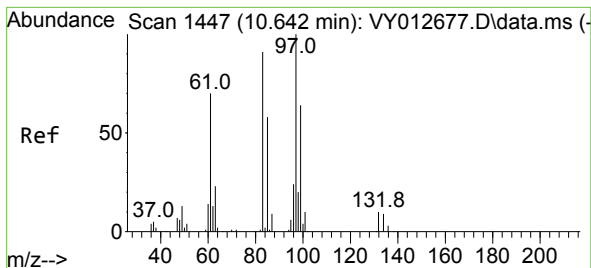
Tgt Ion: 75 Resp: 99908
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 51.655 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY012696.D
 Acq: 23 Feb 2023 09:35

Tgt Ion: 75 Resp: 113871
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.9 37.3
 39 50.7 42.7 64.1





#55

1,1,2-Trichloroethane

Concen: 52.400 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 55117

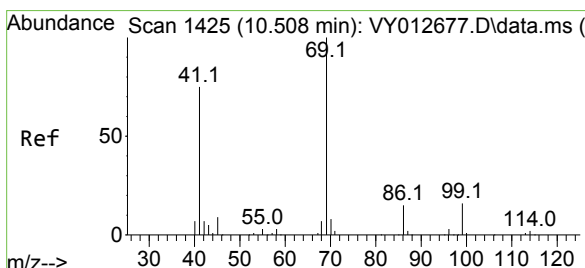
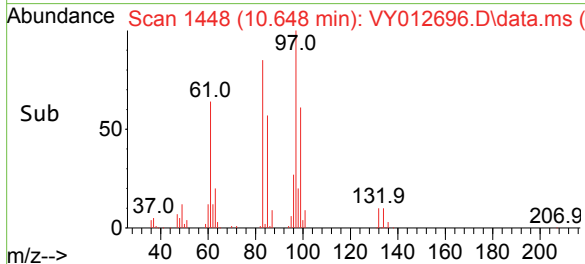
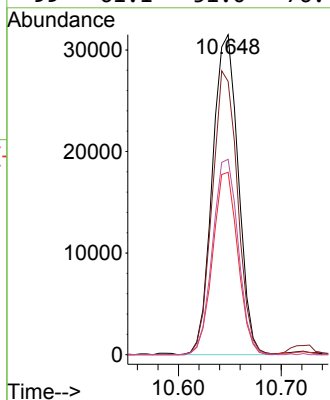
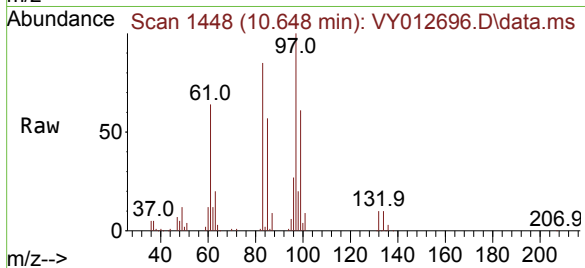
Ion Ratio Lower Upper

97 100

83 85.4 73.1 109.7

85 57.0 46.1 69.1

99 61.1 51.0 76.4



#56

Ethyl methacrylate

Concen: 52.992 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

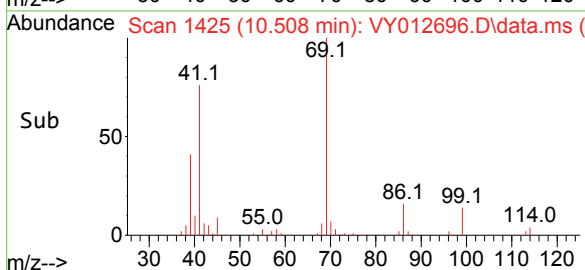
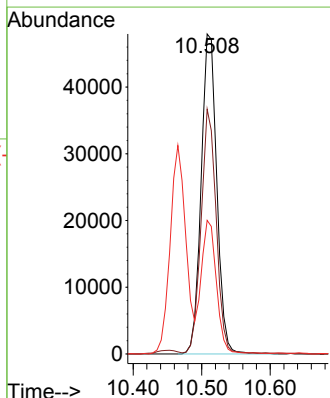
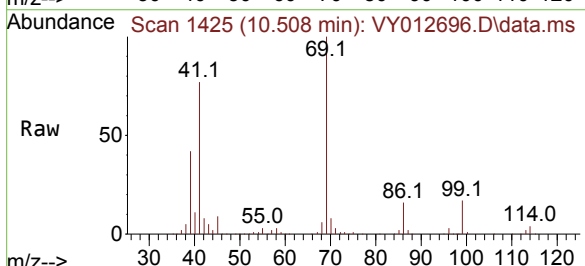
Tgt Ion: 69 Resp: 76122

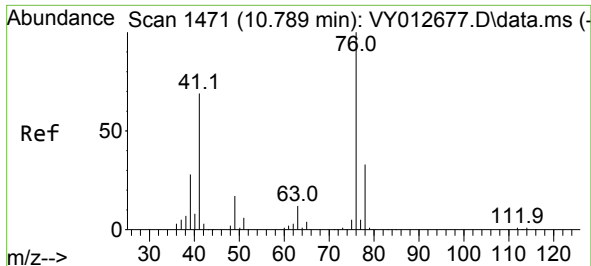
Ion Ratio Lower Upper

69 100

41 73.9 60.2 90.4

39 40.2 32.4 48.6





#57

1,3-Dichloropropane

Concen: 51.150 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

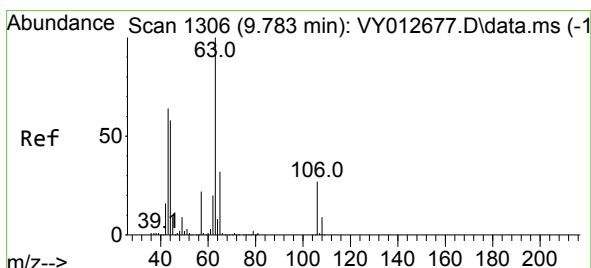
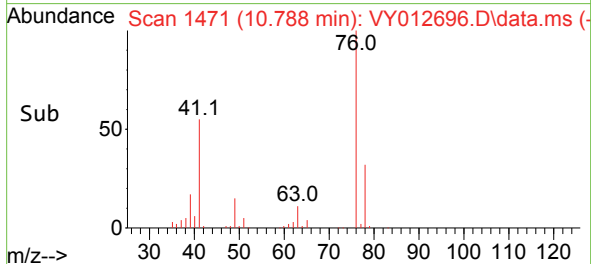
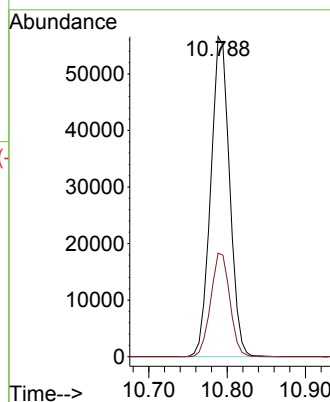
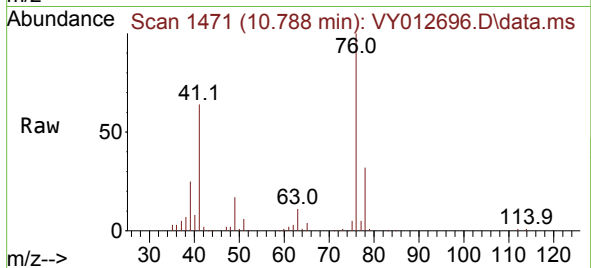
VSTDCCC050

Tgt Ion: 76 Resp: 94563

Ion Ratio Lower Upper

76 100

78 32.7 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 252.060 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY012696.D

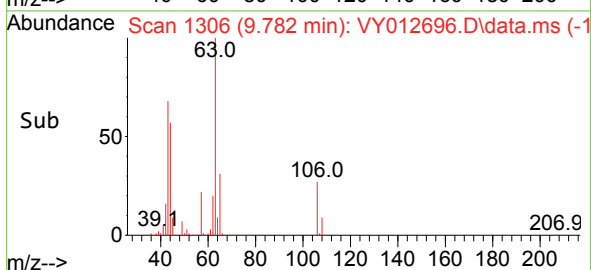
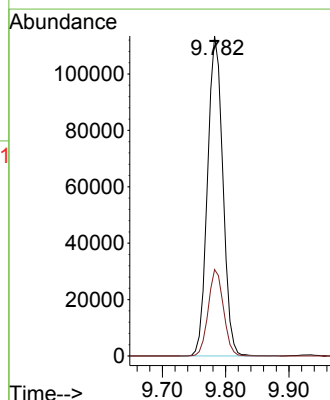
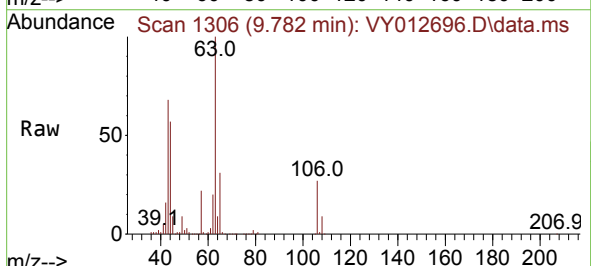
Acq: 23 Feb 2023 09:35

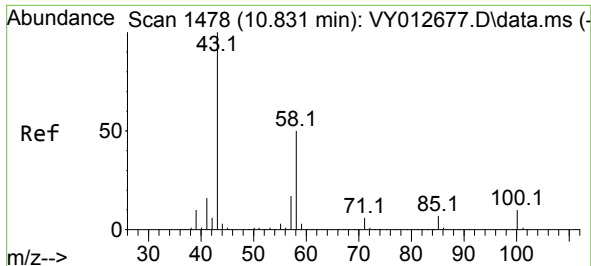
Tgt Ion: 63 Resp: 191508

Ion Ratio Lower Upper

63 100

106 26.8 21.0 31.6

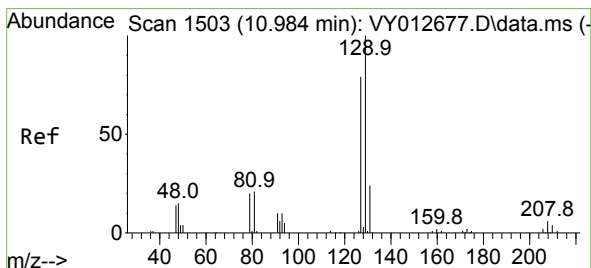
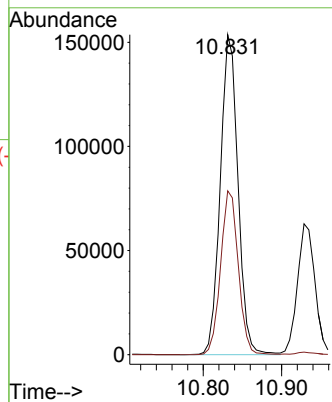
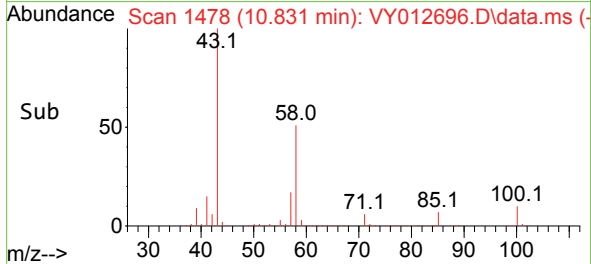
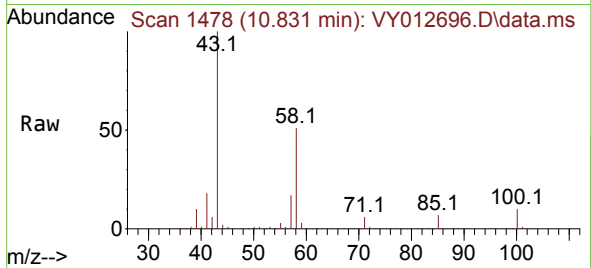




#59
2-Hexanone
Concen: 277.222 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

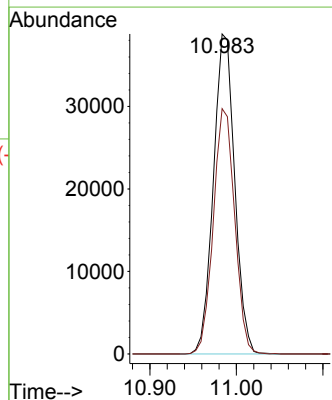
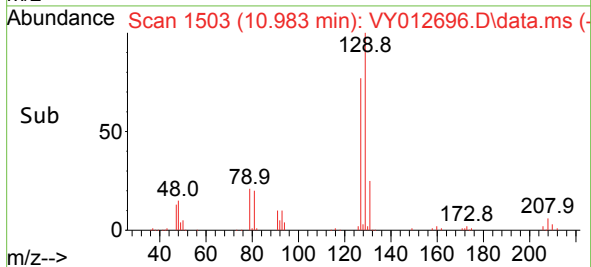
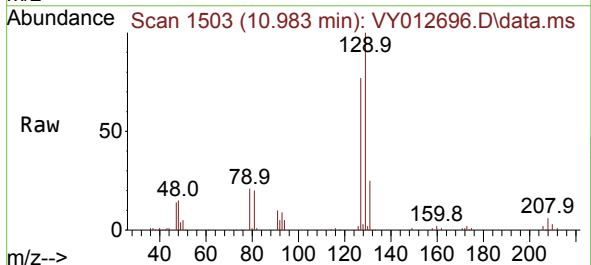
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

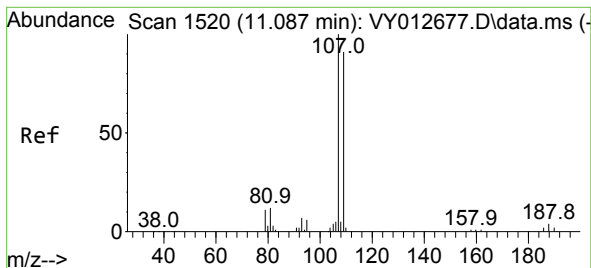
Tgt Ion: 43 Resp: 241520
Ion Ratio Lower Upper
43 100
58 51.2 24.9 74.6



#60
Dibromochloromethane
Concen: 52.005 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

Tgt Ion: 129 Resp: 66273
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.3





#61

1,2-Dibromoethane

Concen: 51.315 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

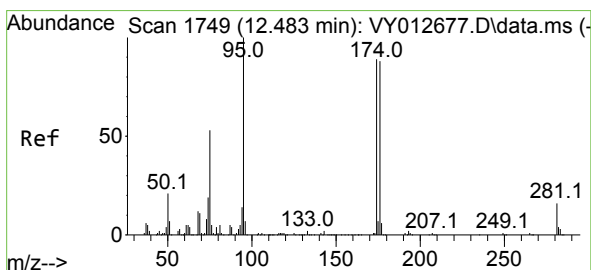
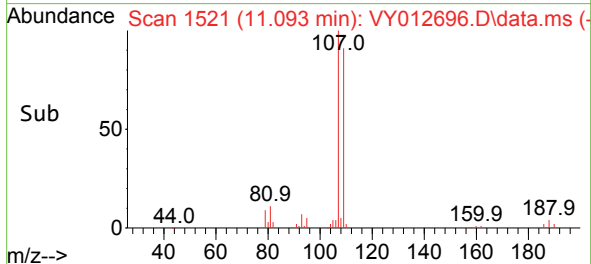
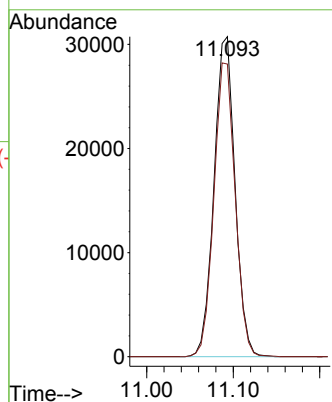
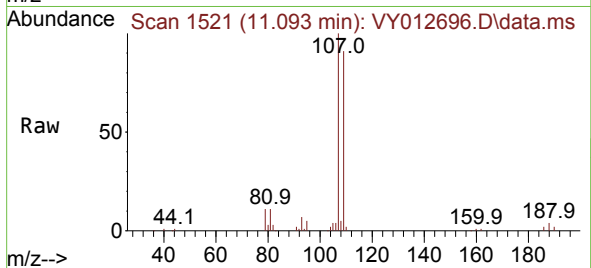
VSTDCCC050

Tgt Ion:107 Resp: 51712

Ion Ratio Lower Upper

107 100

109 93.1 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 50.376 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

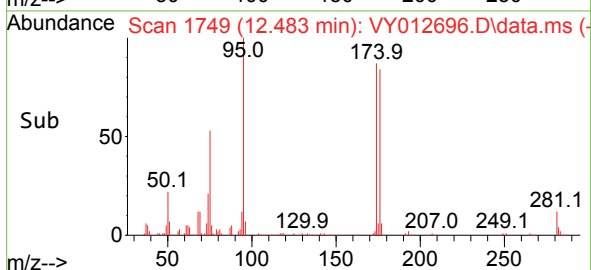
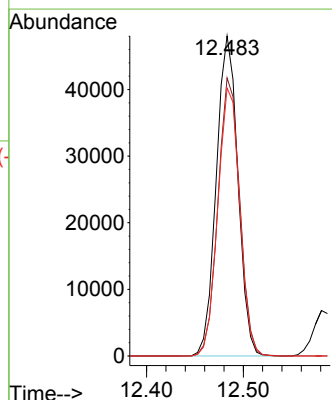
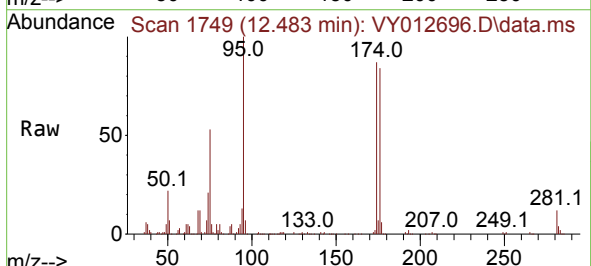
Tgt Ion: 95 Resp: 74446

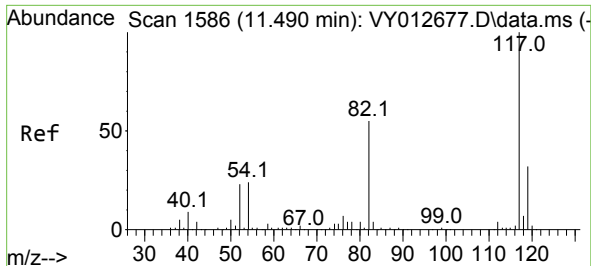
Ion Ratio Lower Upper

95 100

174 87.5 0.0 172.8

176 85.0 0.0 169.4

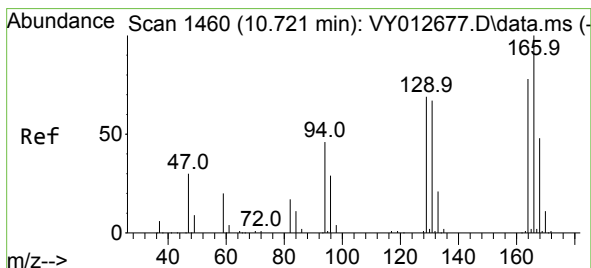
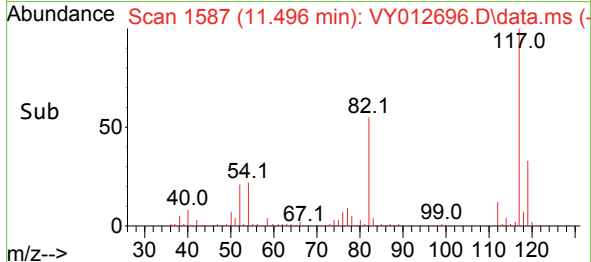
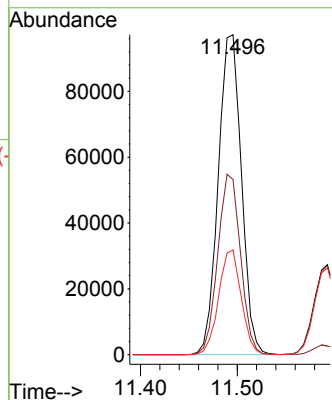
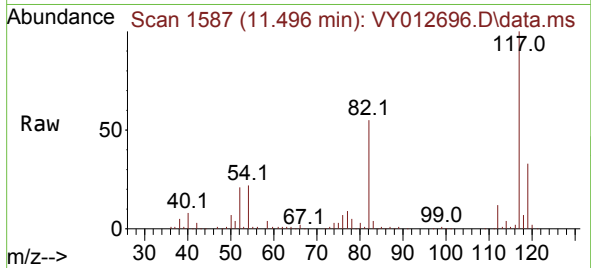




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

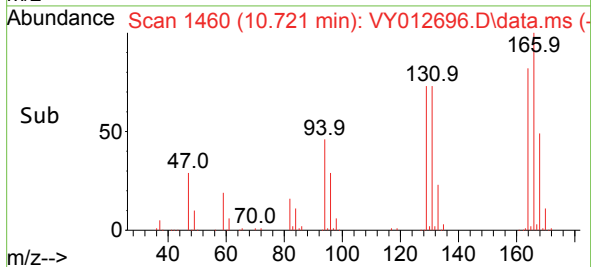
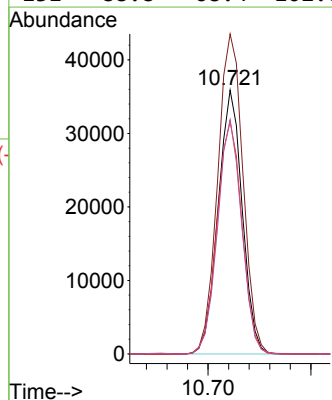
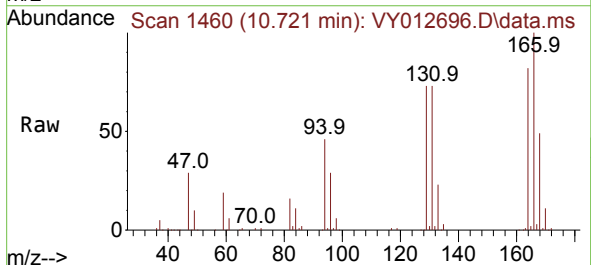
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

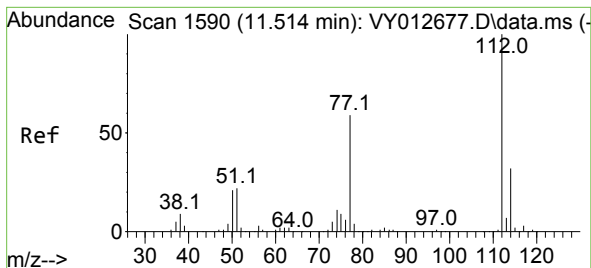
Tgt Ion:117 Resp: 161529
Ion Ratio Lower Upper
117 100
82 54.7 44.1 66.1
119 32.8 25.5 38.3



#64
Tetrachloroethene
Concen: 49.824 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

Tgt Ion:164 Resp: 58532
Ion Ratio Lower Upper
164 100
166 121.3 102.2 153.4
129 88.2 71.0 106.6
131 88.8 68.4 102.6





#65

Chlorobenzene

Concen: 50.712 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

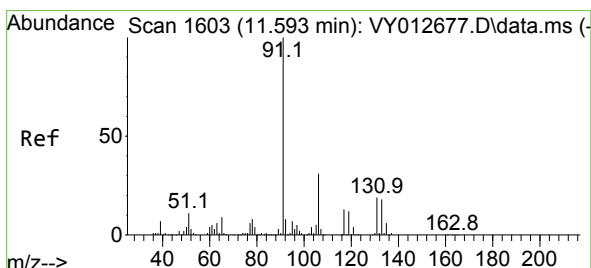
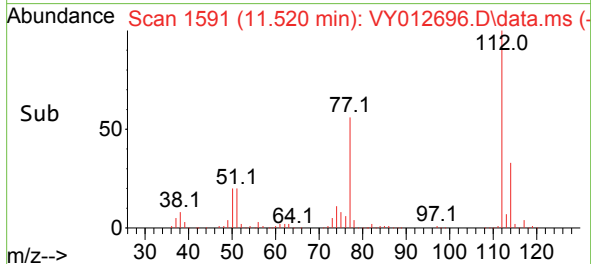
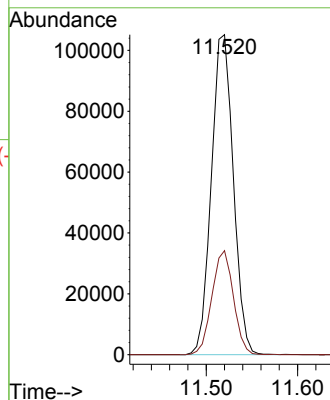
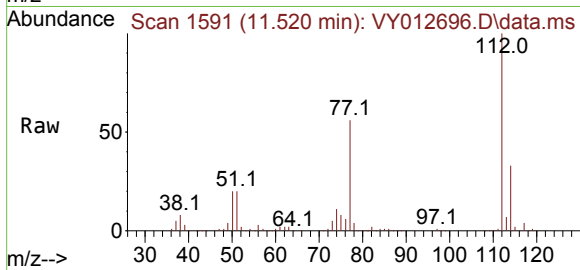
VSTDCCC050

Tgt Ion:112 Resp: 175660

Ion Ratio Lower Upper

112 100

114 32.5 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 51.783 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

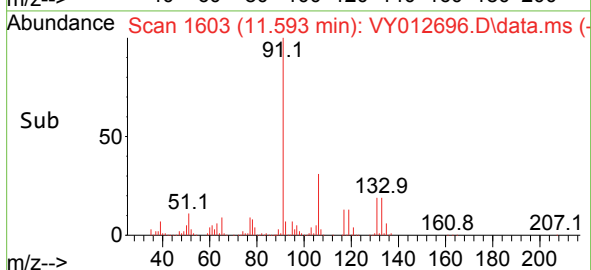
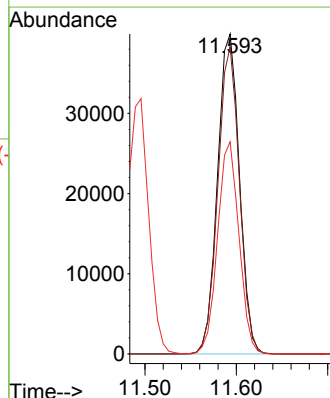
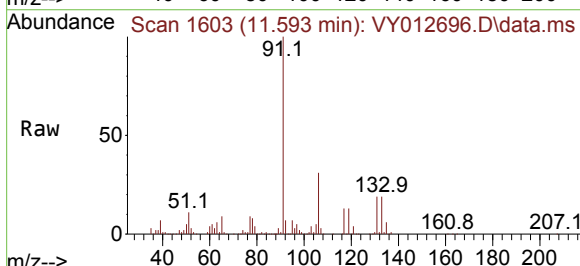
Tgt Ion:131 Resp: 66473

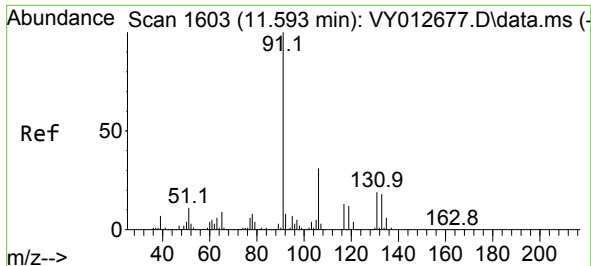
Ion Ratio Lower Upper

131 100

133 94.3 47.1 141.3

119 65.0 32.4 97.2





#67

Ethyl Benzene

Concen: 51.897 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

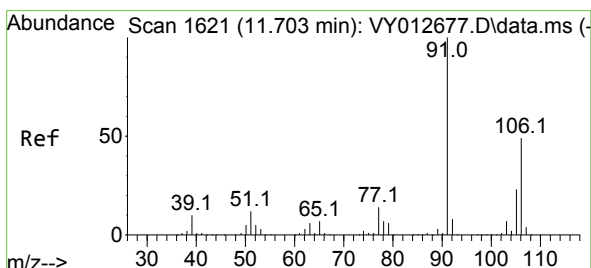
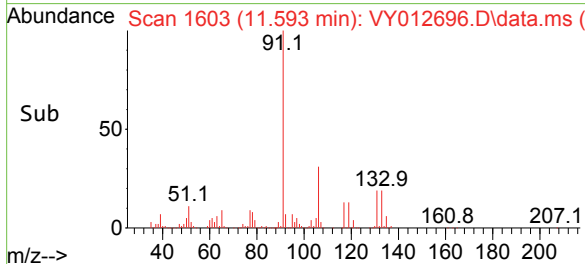
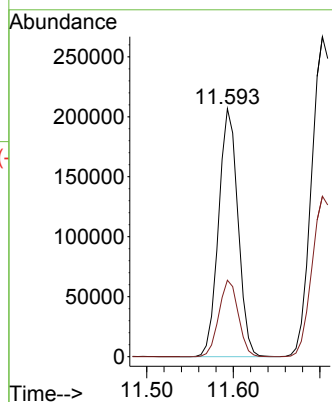
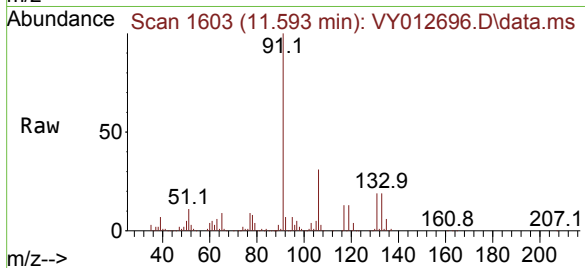
VSTDCCC050

Tgt Ion: 91 Resp: 321325

Ion Ratio Lower Upper

91 100

106 30.8 25.2 37.8



#68

m/p-Xylenes

Concen: 103.936 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012696.D

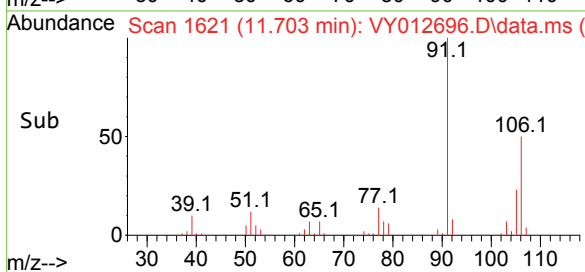
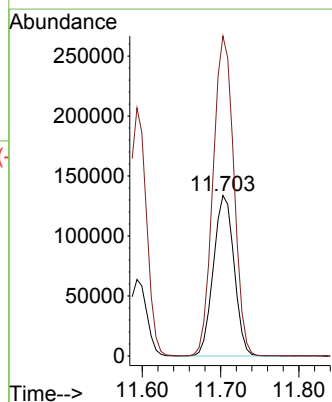
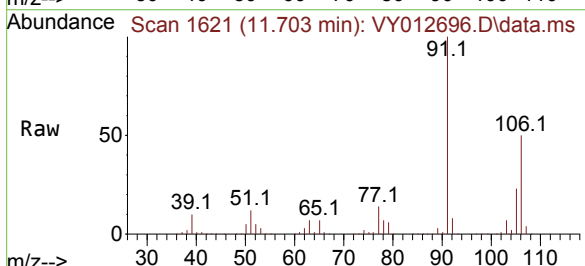
Acq: 23 Feb 2023 09:35

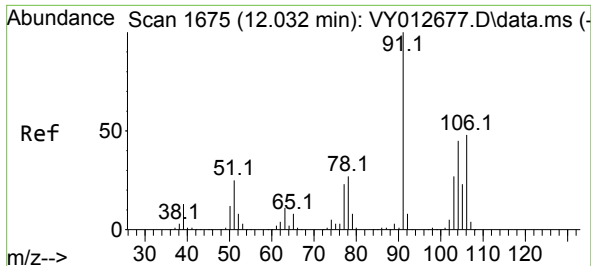
Tgt Ion: 106 Resp: 245487

Ion Ratio Lower Upper

106 100

91 200.3 163.2 244.8

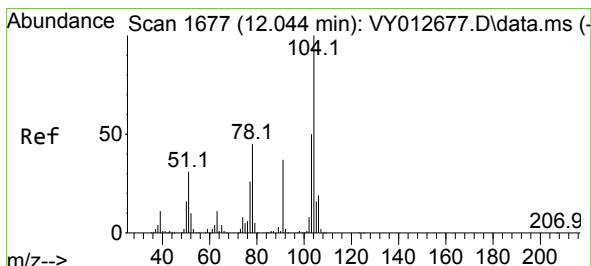
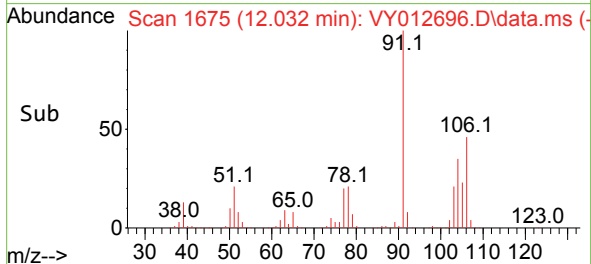
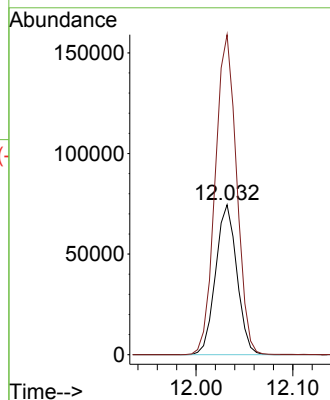
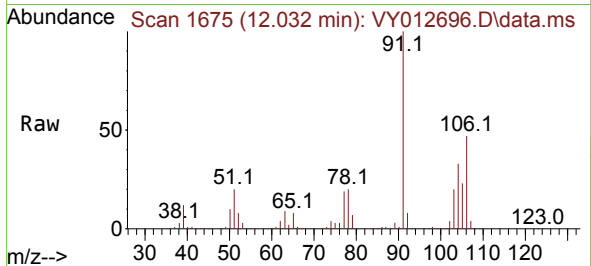




#69
o-Xylene
Concen: 51.972 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

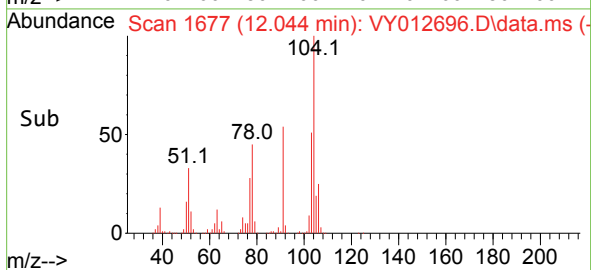
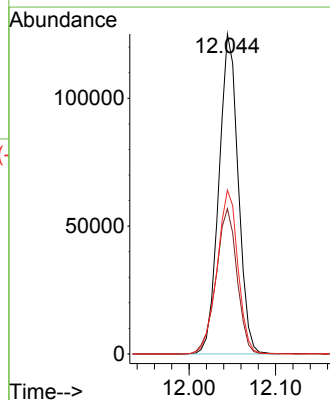
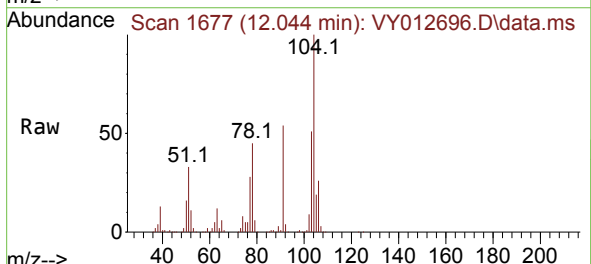
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

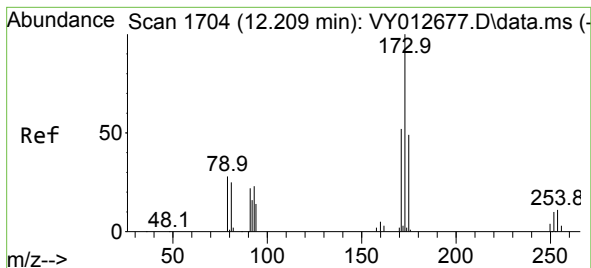
Tgt Ion:106 Resp: 113696
Ion Ratio Lower Upper
106 100
91 215.0 106.3 319.0



#70
Styrene
Concen: 52.851 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

Tgt Ion:104 Resp: 193785
Ion Ratio Lower Upper
104 100
78 49.4 40.6 61.0
103 55.4 44.1 66.1





#71

Bromoform

Concen: 51.512 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

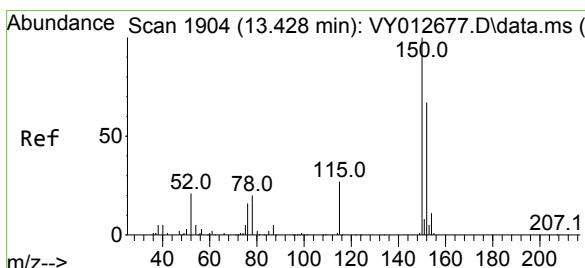
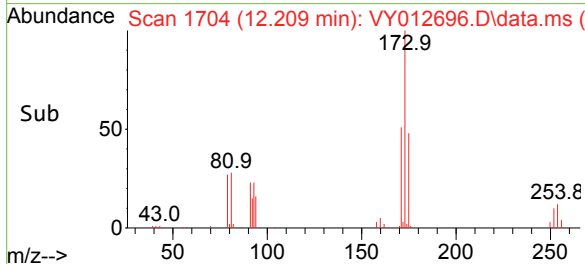
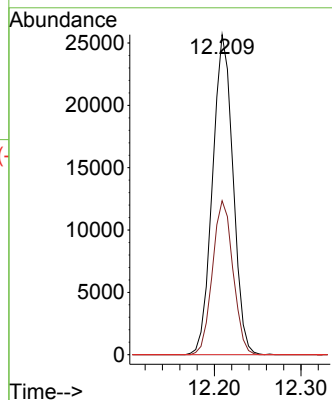
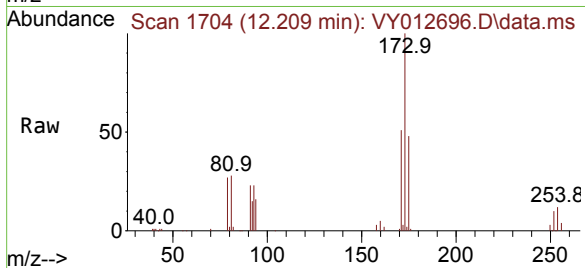
Tgt Ion:173 Resp: 42195

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

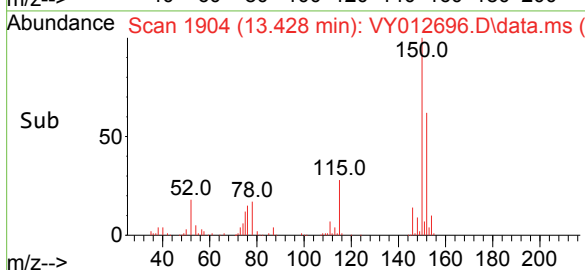
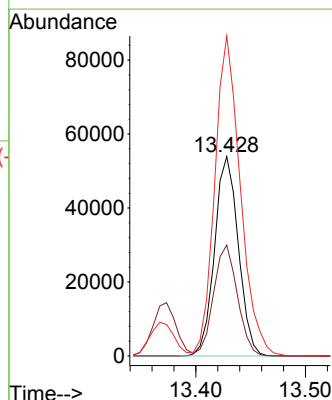
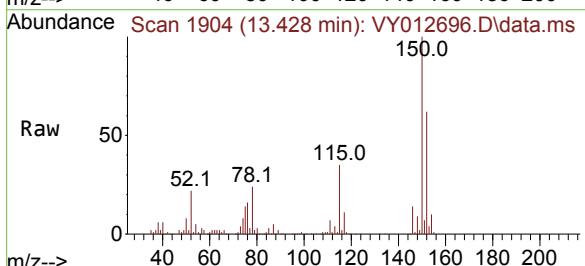
Tgt Ion:152 Resp: 81254

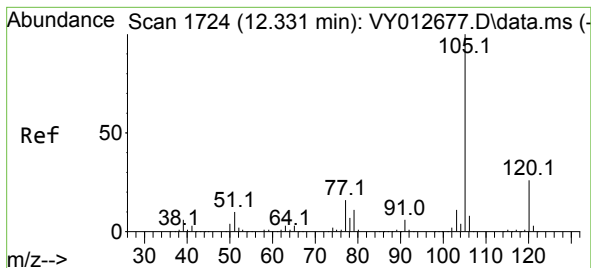
Ion Ratio Lower Upper

152 100

115 55.7 28.7 86.3

150 173.1 0.0 347.6





#73

Isopropylbenzene

Concen: 50.757 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

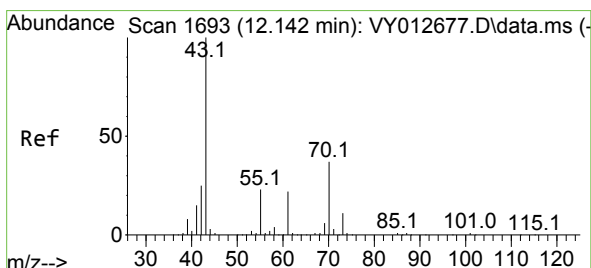
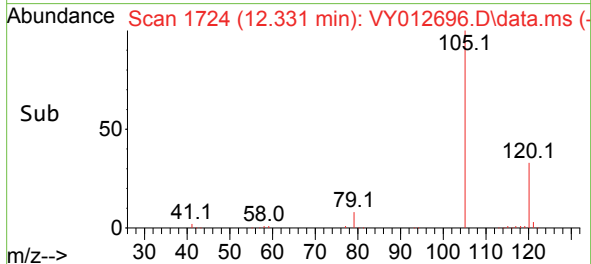
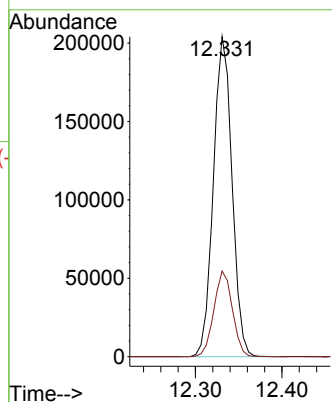
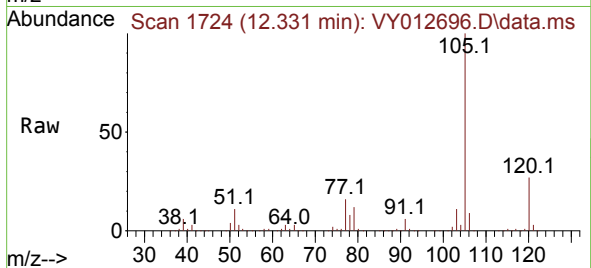
VSTDCCC050

Tgt Ion:105 Resp: 304772

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



#74

N-ethyl acetate

Concen: 50.308 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

Tgt Ion: 43 Resp: 99302

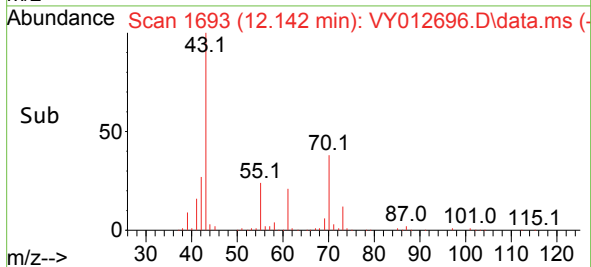
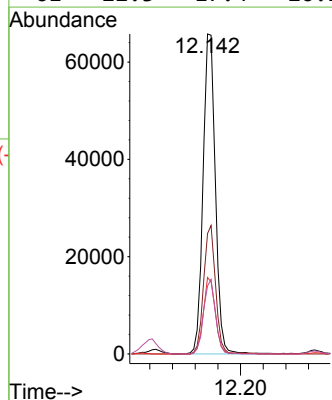
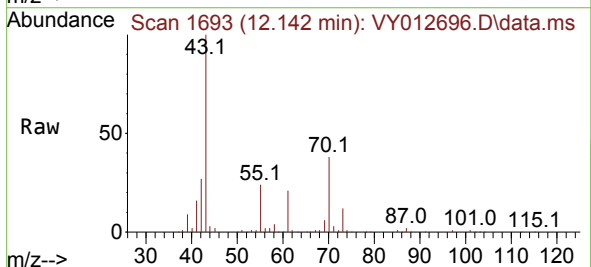
Ion Ratio Lower Upper

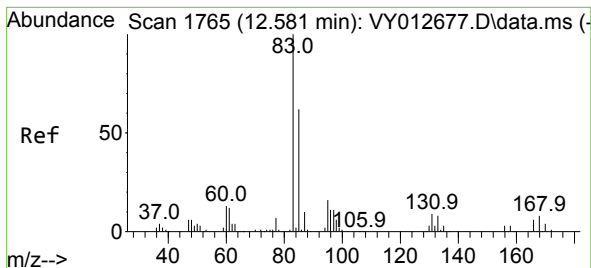
43 100

70 38.6 29.8 44.6

55 23.4 18.2 27.2

61 22.3 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.885 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

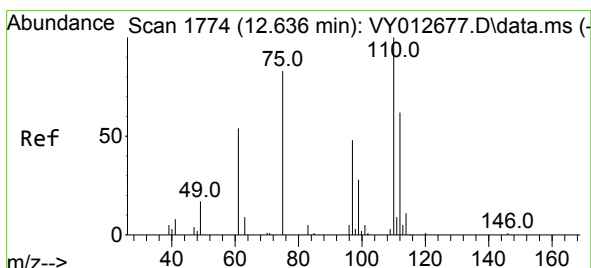
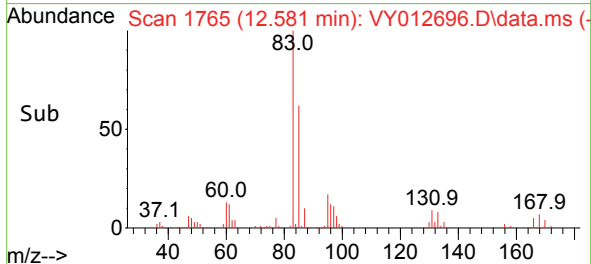
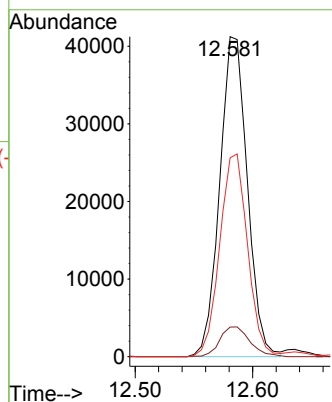
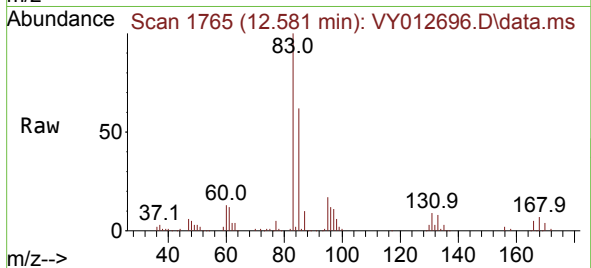
Tgt Ion: 83 Resp: 67349

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

85 63.9 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 86.411 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY012696.D

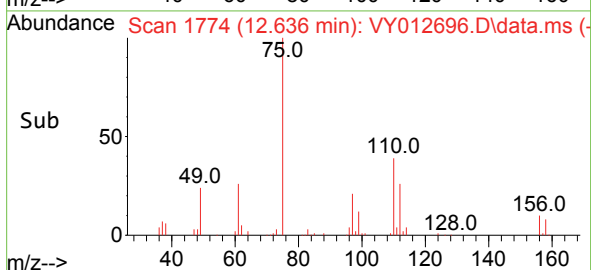
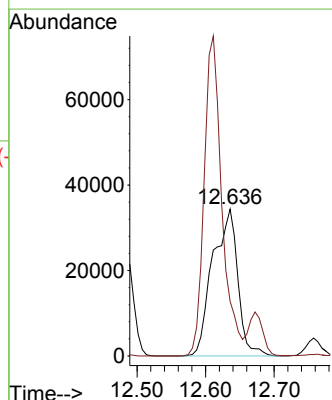
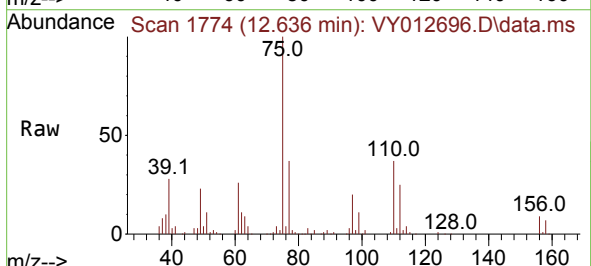
Acq: 23 Feb 2023 09:35

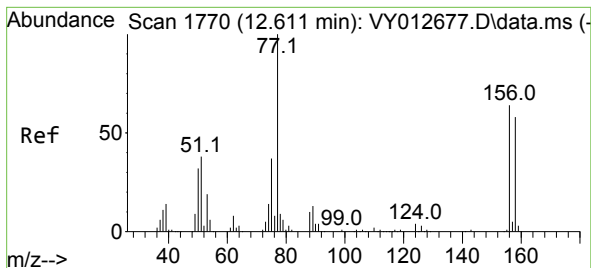
Tgt Ion: 75 Resp: 87532

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.535 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

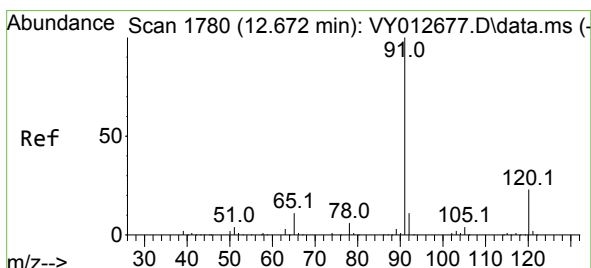
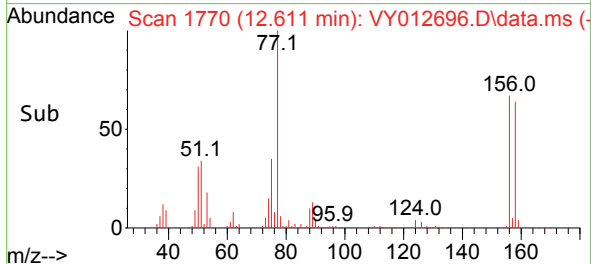
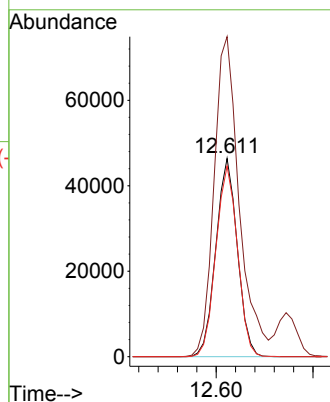
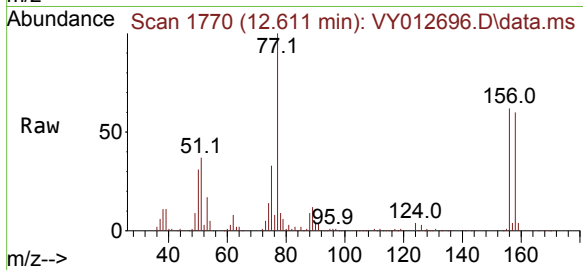
Tgt Ion:156 Resp: 71269

Ion Ratio Lower Upper

156 100

77 189.2 96.3 288.8

158 97.0 48.5 145.6



#78

n-propylbenzene

Concen: 50.523 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012696.D

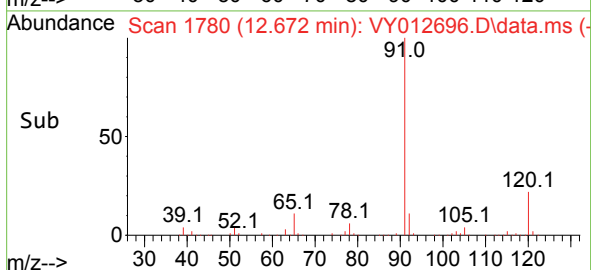
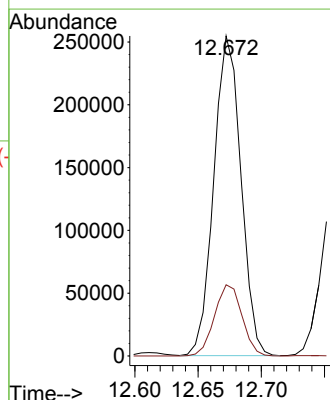
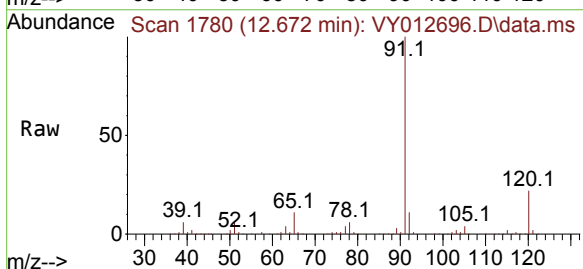
Acq: 23 Feb 2023 09:35

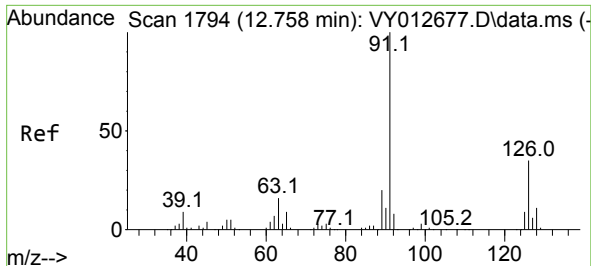
Tgt Ion: 91 Resp: 379462

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.8

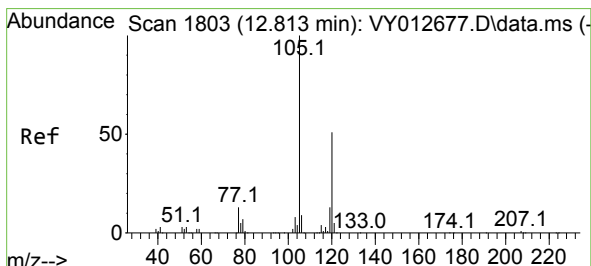
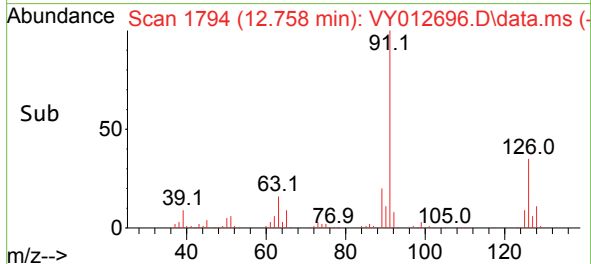
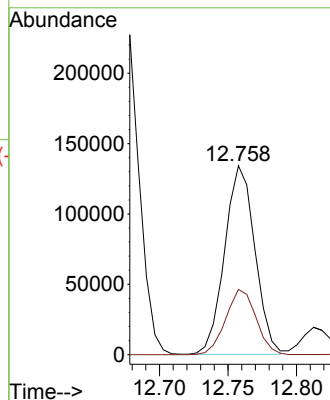
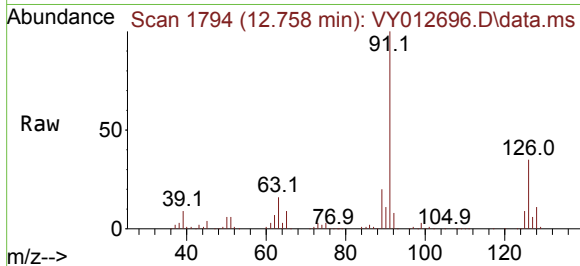




#79
2-Chlorotoluene
Concen: 49.454 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

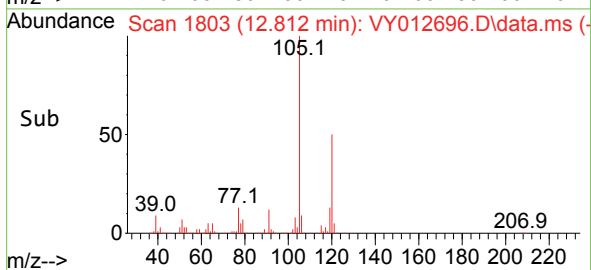
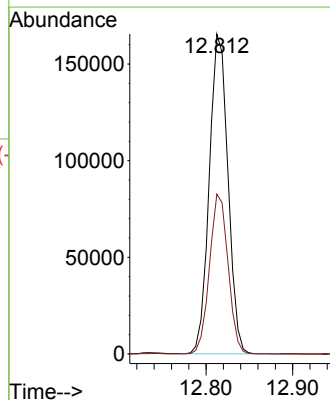
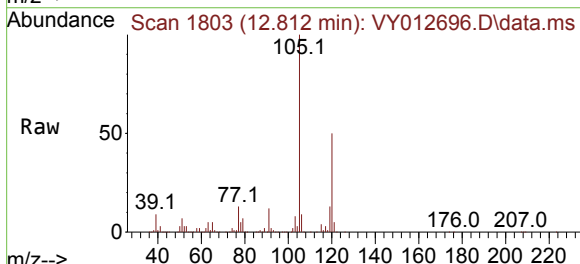
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

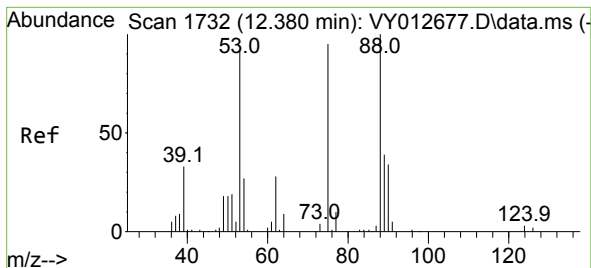
Tgt Ion: 91 Resp: 206350
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 49.398 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

Tgt Ion: 105 Resp: 247772
Ion Ratio Lower Upper
105 100
120 49.8 24.7 74.1

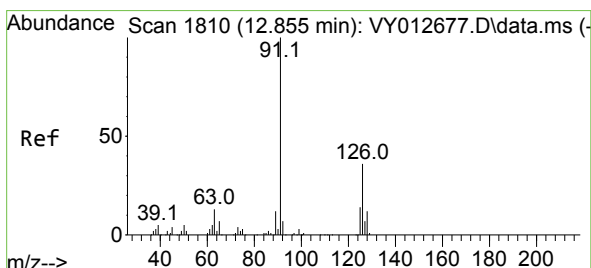
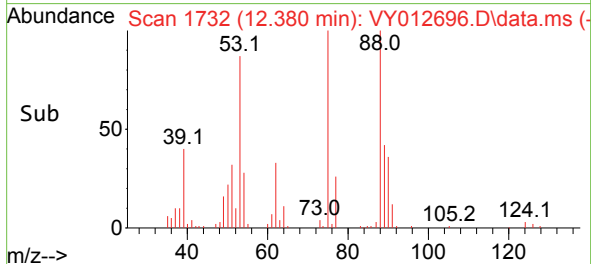
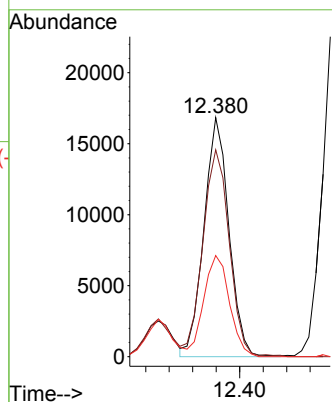
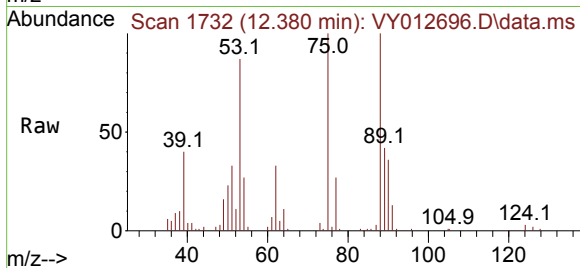




#81
trans-1,4-Dichloro-2-butene
Concen: 51.977 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

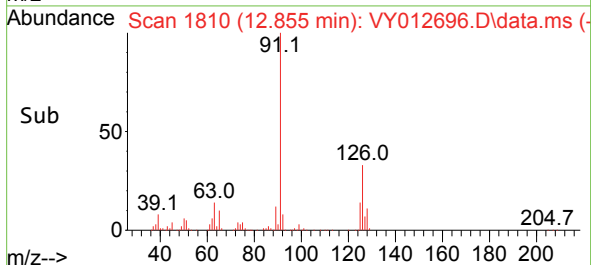
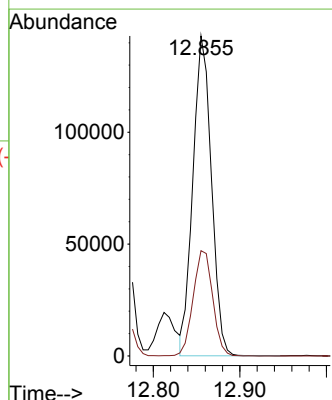
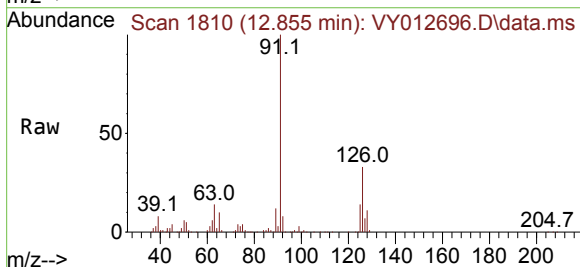
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

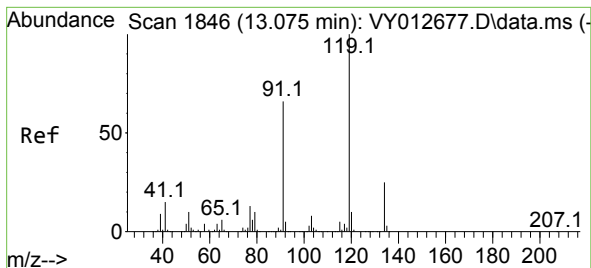
Tgt Ion: 75 Resp: 24853
Ion Ratio Lower Upper
75 100
53 91.9 80.4 120.6
89 43.4 36.5 54.7



#82
4-Chlorotoluene
Concen: 49.073 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

Tgt Ion: 91 Resp: 212365
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.5





#83

tert-Butylbenzene

Concen: 50.098 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

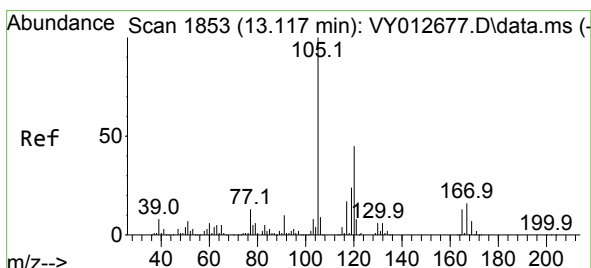
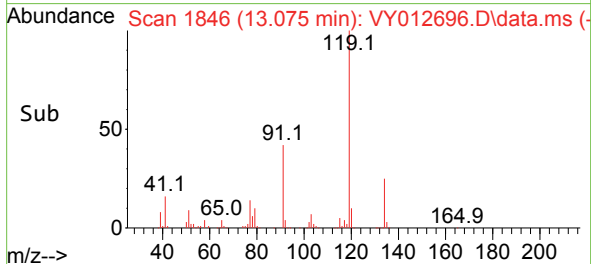
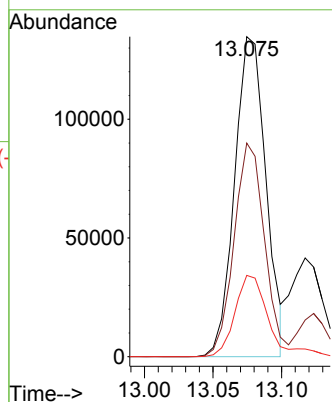
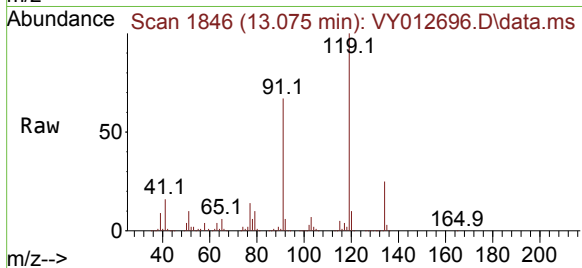
Tgt Ion:119 Resp: 214571

Ion Ratio Lower Upper

119 100

91 65.2 32.4 97.2

134 27.3 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 50.156 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY012696.D

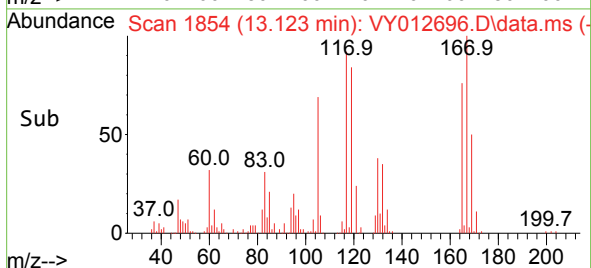
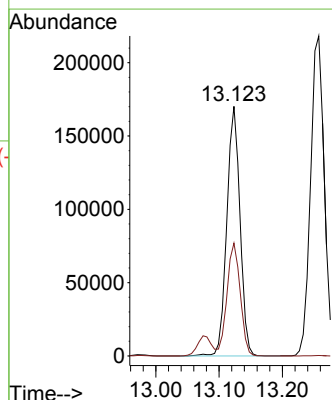
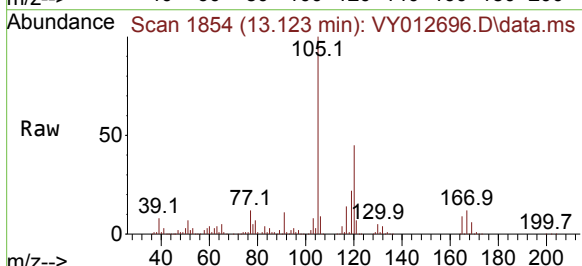
Acq: 23 Feb 2023 09:35

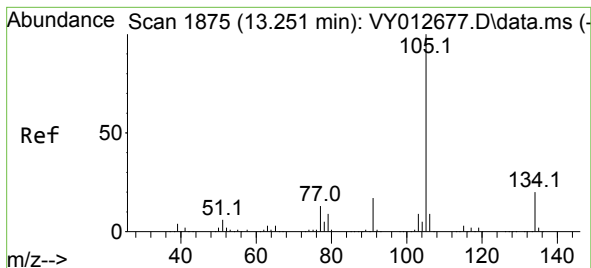
Tgt Ion:105 Resp: 245929

Ion Ratio Lower Upper

105 100

120 45.7 22.7 68.0





#85

sec-Butylbenzene

Concen: 50.197 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

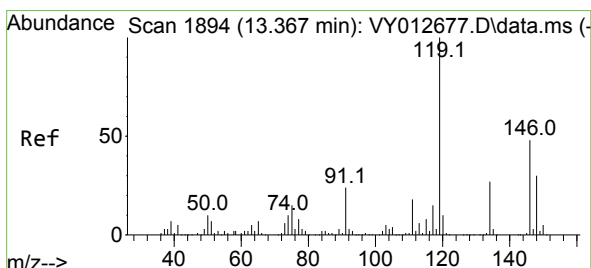
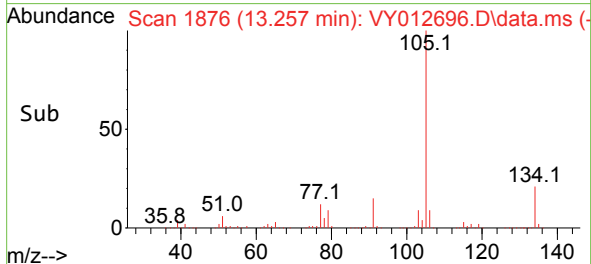
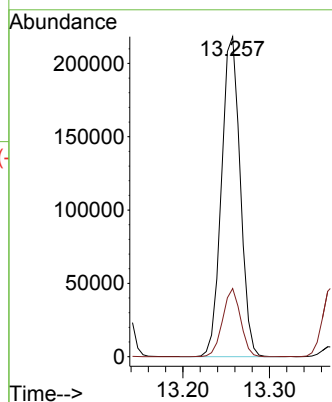
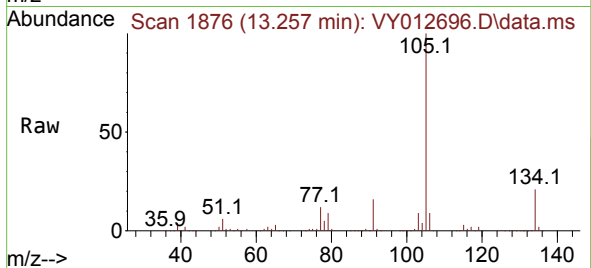
VSTDCCC050

Tgt Ion:105 Resp: 327111

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 50.046 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

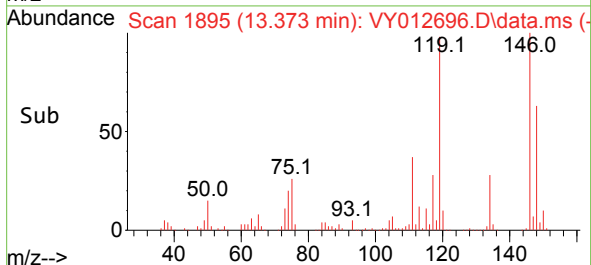
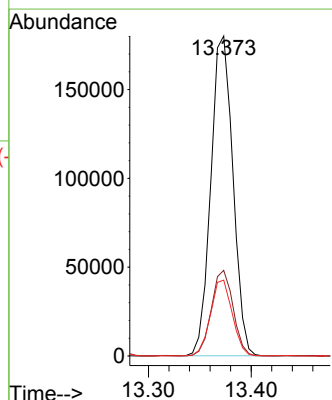
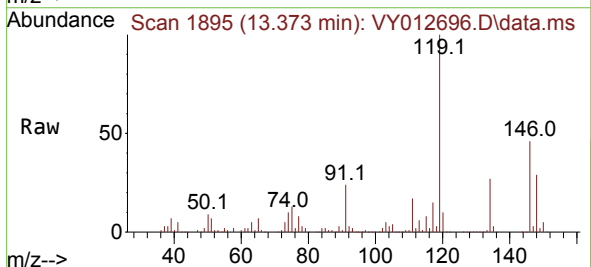
Tgt Ion:119 Resp: 268587

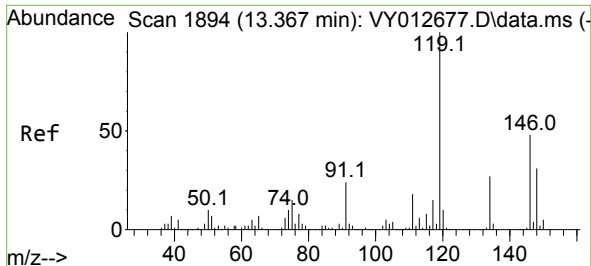
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

91 23.4 11.9 35.5

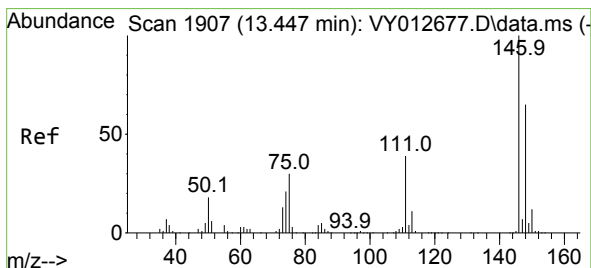
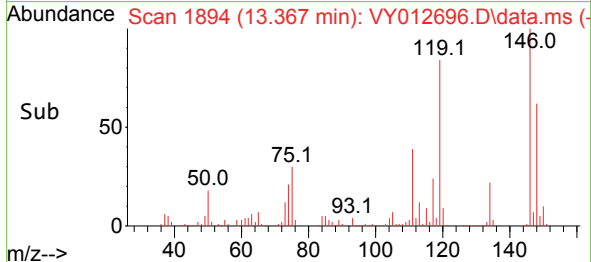
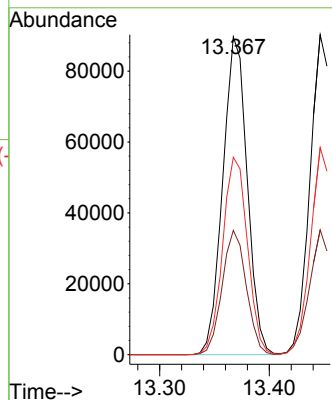
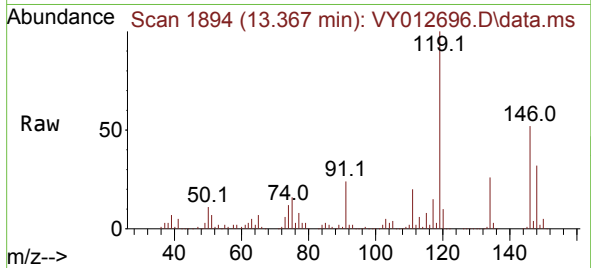




#87
 1,3-Dichlorobenzene
 Concen: 49.336 ug/l
 RT: 13.367 min Scan# 1190
 Delta R.T. 0.000 min
 Lab File: VY012696.D
 Acq: 23 Feb 2023 09:35

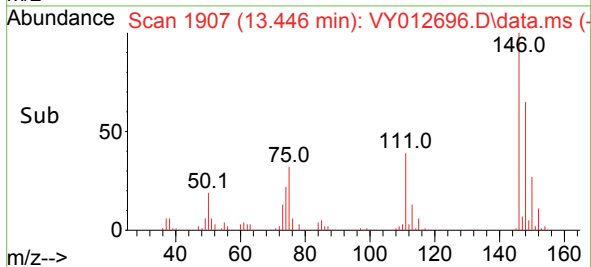
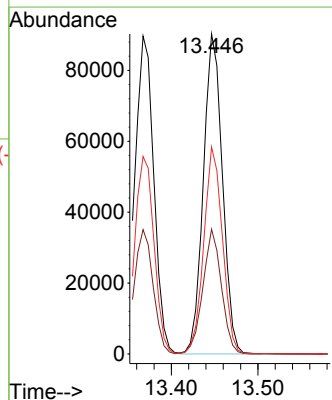
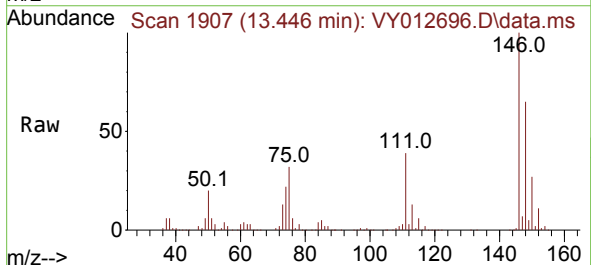
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

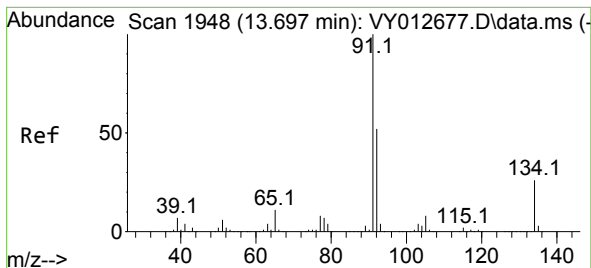
Tgt Ion:146 Resp: 139029
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.6 58.7
 148 63.2 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 48.348 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.001 min
 Lab File: VY012696.D
 Acq: 23 Feb 2023 09:35

Tgt Ion:146 Resp: 138164
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.1 57.3
 148 63.4 32.0 96.0





#89

n-Butylbenzene

Concen: 50.236 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

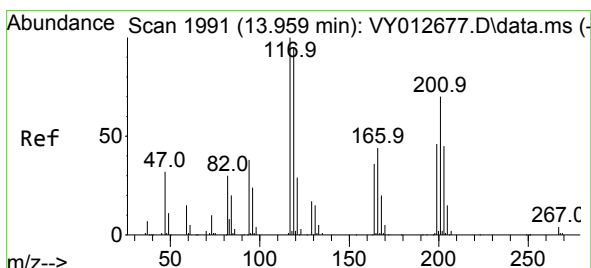
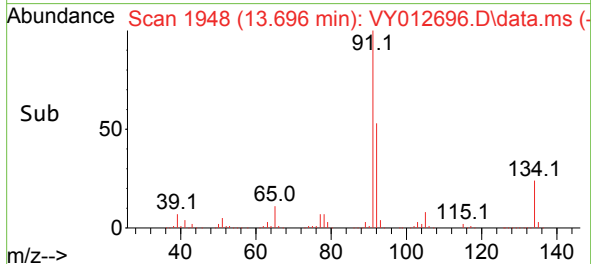
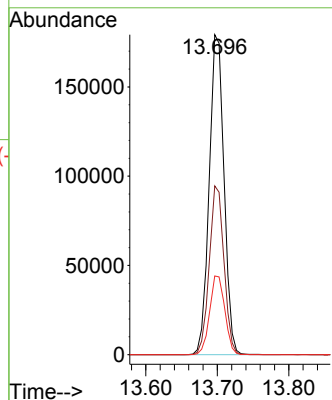
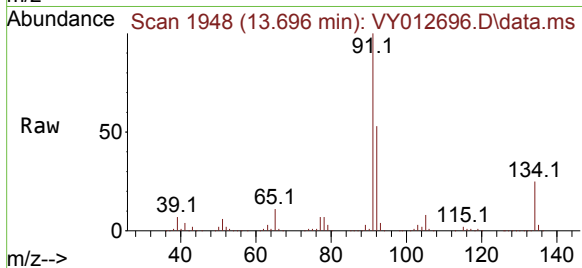
Tgt Ion: 91 Resp: 258202

Ion Ratio Lower Upper

91 100

92 52.4 26.3 78.8

134 25.2 13.0 38.9



#90

Hexachloroethane

Concen: 47.329 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY012696.D

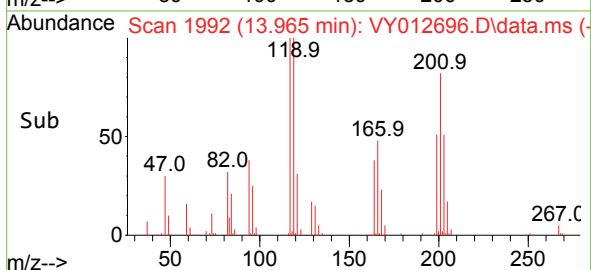
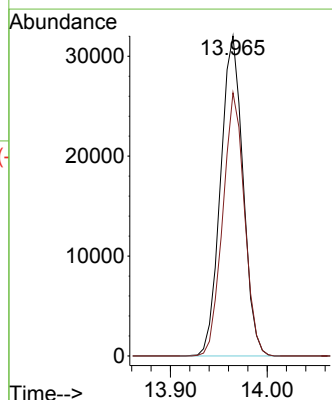
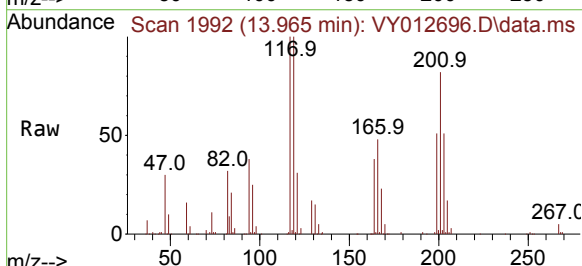
Acq: 23 Feb 2023 09:35

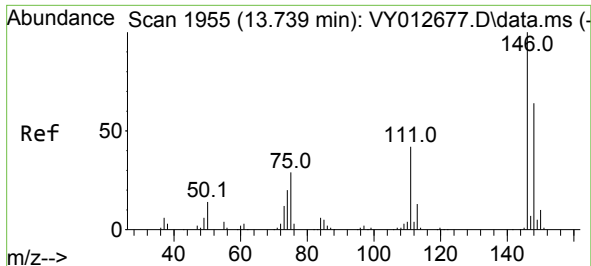
Tgt Ion: 117 Resp: 51548

Ion Ratio Lower Upper

117 100

201 79.4 38.3 114.8

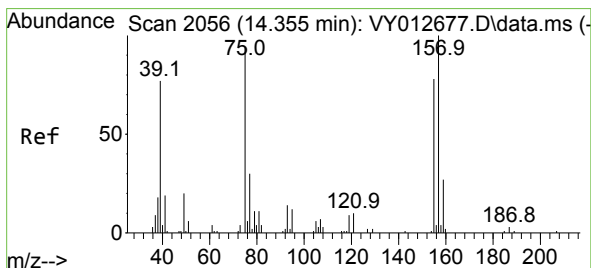
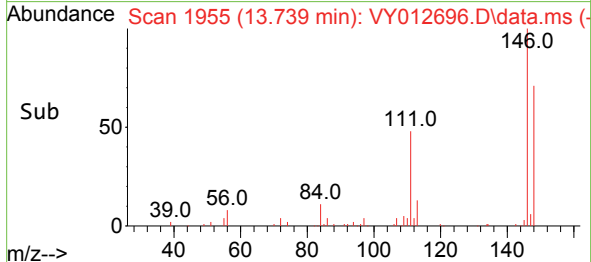
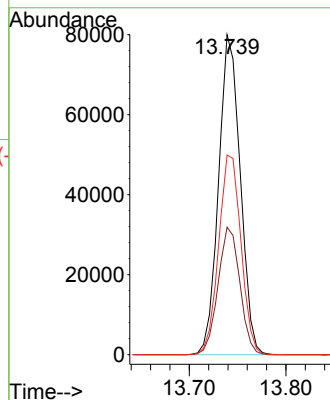
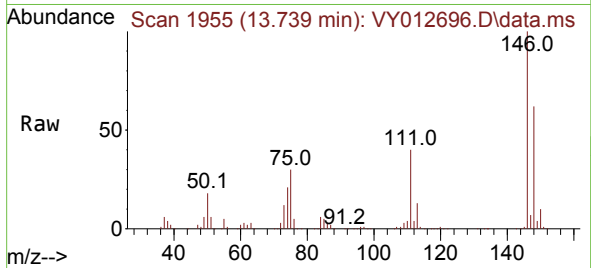




#91
1,2-Dichlorobenzene
Concen: 49.373 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

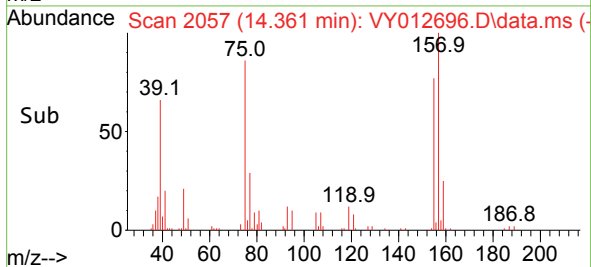
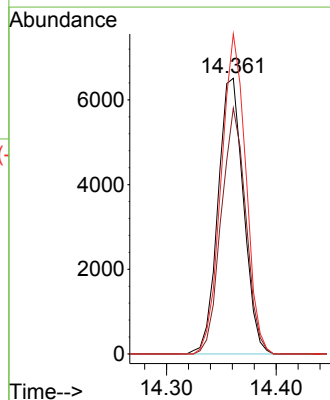
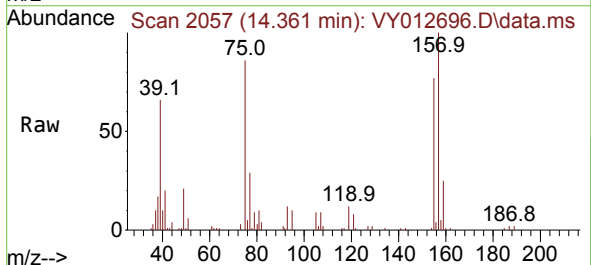
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

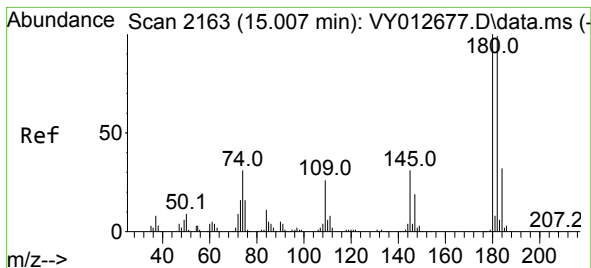
Tgt Ion:146 Resp: 124260
Ion Ratio Lower Upper
146 100
111 40.1 20.3 60.8
148 64.4 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.439 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY012696.D
Acq: 23 Feb 2023 09:35

Tgt Ion: 75 Resp: 10528
Ion Ratio Lower Upper
75 100
155 85.5 43.6 130.8
157 111.6 55.0 165.2





#93

1,2,4-Trichlorobenzene

Concen: 46.352 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

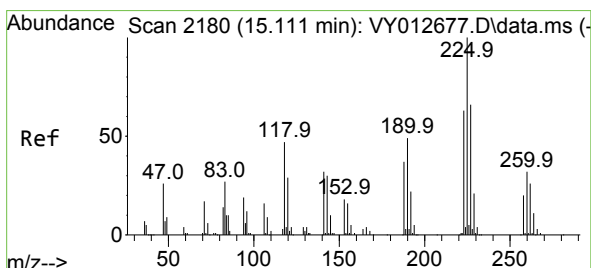
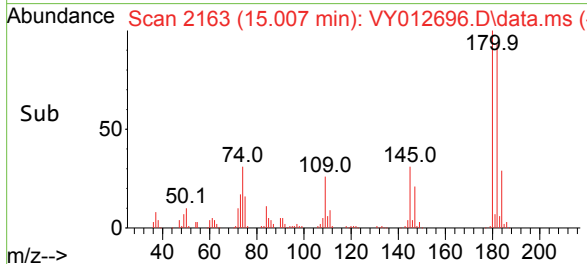
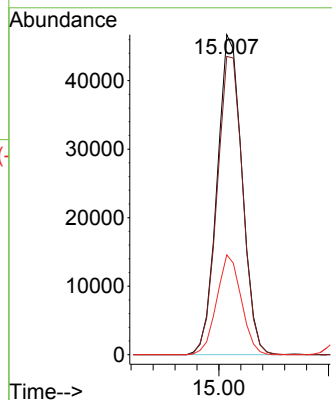
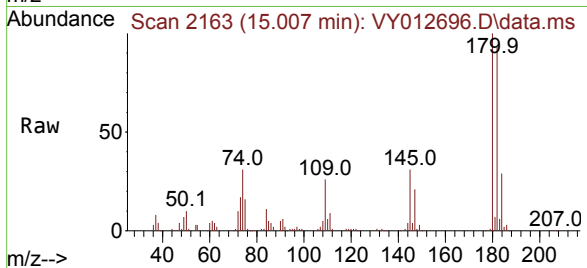
Tgt Ion:180 Resp: 73779

Ion Ratio Lower Upper

180 100

182 95.8 48.0 144.2

145 30.7 15.0 45.0



#94

Hexachlorobutadiene

Concen: 45.241 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

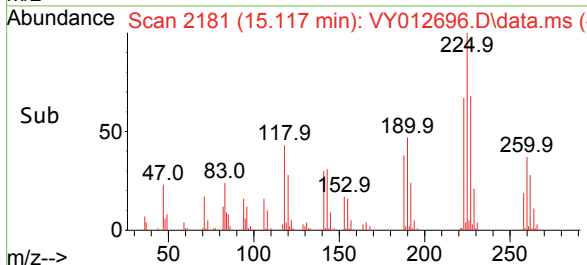
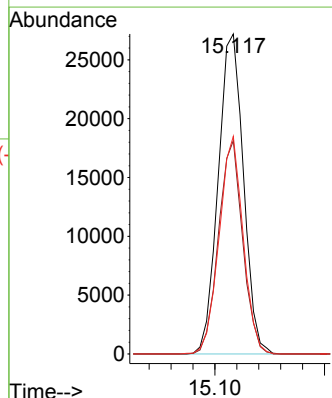
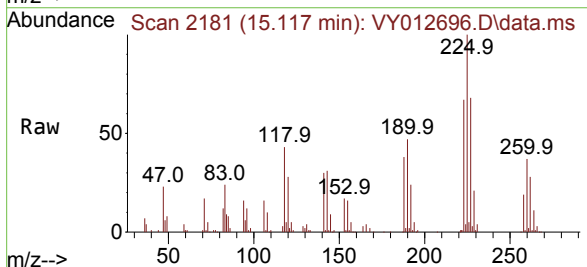
Tgt Ion:225 Resp: 43460

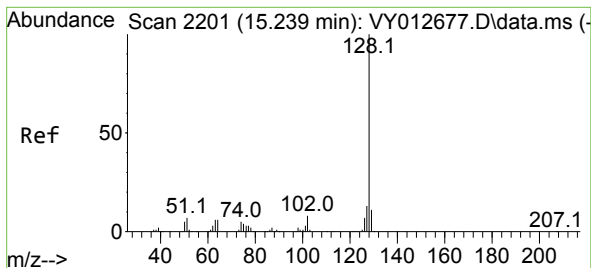
Ion Ratio Lower Upper

225 100

223 63.8 31.7 95.1

227 64.5 32.3 96.8





#95

Naphthalene

Concen: 47.702 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

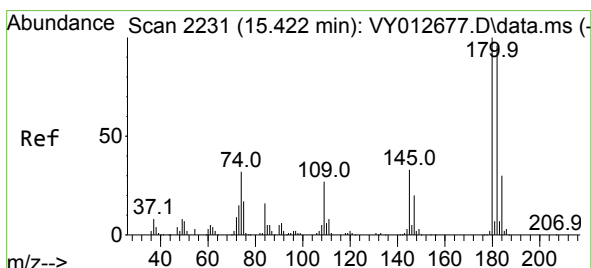
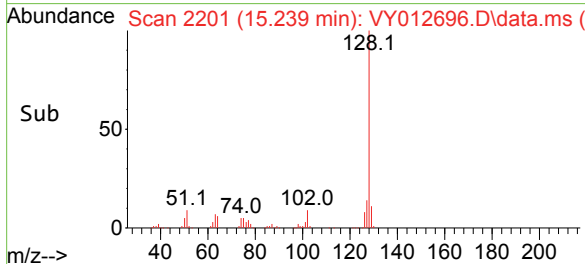
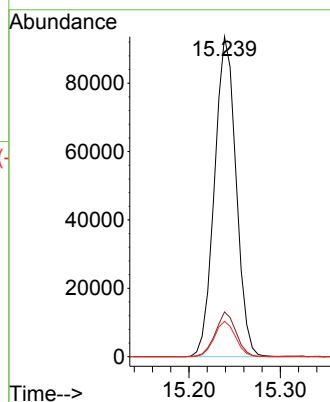
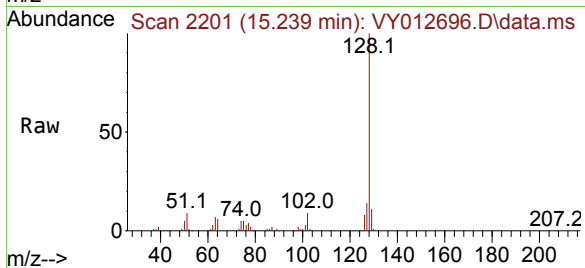
Tgt Ion:128 Resp: 153420

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 10.9 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 47.136 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012696.D

Acq: 23 Feb 2023 09:35

Tgt Ion:180 Resp: 66409

Ion Ratio Lower Upper

180 100

182 94.8 48.5 145.6

145 31.0 16.1 48.2

