

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012835.D
 Acq On : 06 Mar 2023 19:39
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 07 04:28:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	104452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	158259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	146151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74794	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	49110	47.354	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.700%
35) Dibromofluoromethane	7.716	113	47492	49.725	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.460%
50) Toluene-d8	10.179	98	167902	48.087	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.180%
62) 4-Bromofluorobenzene	12.483	95	60135	51.026	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.060%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	46908	45.563	ug/l	99
3) Chloromethane	2.113	50	55530	45.117	ug/l	97
4) Vinyl Chloride	2.253	62	55163	48.876	ug/l	98
5) Bromomethane	2.644	94	34845	50.810	ug/l	93
6) Chloroethane	2.790	64	35257	52.161	ug/l	99
7) Trichlorofluoromethane	3.125	101	92362	49.272	ug/l	99
8) Diethyl Ether	3.528	74	32626	49.667	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	55761	49.443	ug/l	99
10) Methyl Iodide	4.089	142	74985	51.028	ug/l	98
11) Tert butyl alcohol	4.948	59	32689	276.197	ug/l	100
12) 1,1-Dichloroethene	3.869	96	53948	50.155	ug/l	97
13) Acrolein	3.729	56	49289	271.274	ug/l	99
14) Allyl chloride	4.479	41	88469	44.527	ug/l	94
15) Acrylonitrile	5.162	53	92746	267.959	ug/l	99
16) Acetone	3.942	43	103274	253.708	ug/l	97
17) Carbon Disulfide	4.192	76	178153	48.659	ug/l	100
18) Methyl Acetate	4.479	43	59615	49.179	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	149311	53.742	ug/l	99
20) Methylene Chloride	4.710	84	68603	55.859	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	59989	51.322	ug/l	99
22) Diisopropyl ether	6.119	45	187849	52.054	ug/l	97
23) Vinyl Acetate	6.058	43	602431	268.670	ug/l	100
24) 1,1-Dichloroethane	6.015	63	104802	50.964	ug/l	99
25) 2-Butanone	6.984	43	132139	262.089	ug/l	99
26) 2,2-Dichloropropane	6.978	77	89615	49.067	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	68058	54.308	ug/l	96
28) Bromochloromethane	7.332	49	39101	52.031	ug/l	94
29) Tetrahydrofuran	7.344	42	83019	273.018	ug/l	96
30) Chloroform	7.503	83	109887	54.099	ug/l	99
31) Cyclohexane	7.783	56	91866	46.253	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	95775	52.140	ug/l	99
36) 1,1-Dichloropropene	7.917	75	81463	50.898	ug/l	99
37) Ethyl Acetate	7.070	43	54873	54.395	ug/l	98
38) Carbon Tetrachloride	7.899	117	88632	53.625	ug/l	97
39) Methylcyclohexane	9.185	83	97601	51.293	ug/l	98
40) Benzene	8.161	78	244420	53.986	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	76506	140.764	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	75136	55.200	ug/l	99
43) Isopropyl Acetate	8.271	43	98479	54.717	ug/l	99
44) Trichloroethene	8.941	130	63927	53.555	ug/l	99
45) 1,2-Dichloropropane	9.216	63	60789	53.128	ug/l	93
46) Dibromomethane	9.301	93	36903	56.612	ug/l	98
47) Bromodichloromethane	9.496	83	84532	55.030	ug/l	98
48) Methyl methacrylate	9.295	41	46777	56.405	ug/l	99
49) 1,4-Dioxane	9.295	88	10412	1235.573	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	279559	286.353	ug/l	99
52) Toluene	10.246	92	151532	55.498	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	89702	55.673	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	100015	54.842	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	52053	57.339	ug/l	98
56) Ethyl methacrylate	10.508	69	70852	58.533	ug/l	97
57) 1,3-Dichloropropane	10.789	76	87467	56.568	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	185045	291.207	ug/l	100
59) 2-Hexanone	10.831	43	205780	290.019	ug/l	99
60) Dibromochloromethane	10.984	129	63879	57.806	ug/l	99
61) 1,2-Dibromoethane	11.087	107	49315	56.393	ug/l	100
64) Tetrachloroethene	10.721	164	56046	52.671	ug/l	98
65) Chlorobenzene	11.514	112	163502	53.304	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	60495	53.299	ug/l	98
67) Ethyl Benzene	11.593	91	289561	53.693	ug/l	99
68) m/p-Xylenes	11.703	106	224242	108.088	ug/l	100
69) o-Xylene	12.032	106	105684	54.583	ug/l	98
70) Styrene	12.044	104	181804	56.267	ug/l	99
71) Bromoform	12.209	173	42124	56.922	ug/l #	98
73) Isopropylbenzene	12.331	105	280593	52.935	ug/l	100
74) N-amyl acetate	12.142	43	88346	52.972	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	65102	54.636	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	82436	92.297	ug/l #	100
77) Bromobenzene	12.611	156	68842	53.461	ug/l	97
78) n-propylbenzene	12.672	91	345763	52.908	ug/l	99
79) 2-Chlorotoluene	12.758	91	190921	52.564	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	232475	53.144	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	22488	52.170	ug/l	97
82) 4-Chlorotoluene	12.855	91	198014	52.666	ug/l	100
83) tert-Butylbenzene	13.075	119	202048	53.513	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	232623	54.382	ug/l	99
85) sec-Butylbenzene	13.252	105	305317	53.006	ug/l	100
86) p-Isopropyltoluene	13.367	119	253882	53.930	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	133325	53.682	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	132363	52.219	ug/l	99
89) n-Butylbenzene	13.697	91	236340	52.442	ug/l	99
90) Hexachloroethane	13.959	117	50940	51.953	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	122463	54.548	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10638	55.241	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	73237	52.982	ug/l	99
94) Hexachlorobutadiene	15.111	225	42770	50.730	ug/l	99
95) Naphthalene	15.239	128	157611	56.899	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	65657	53.407	ug/l	98

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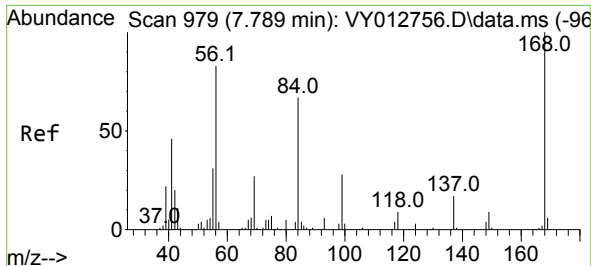
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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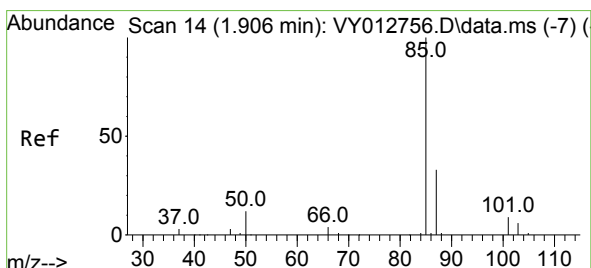
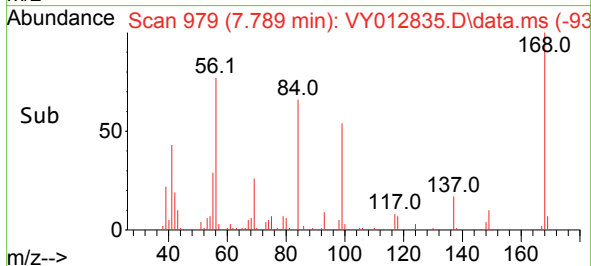
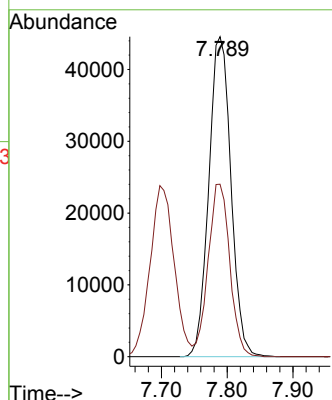
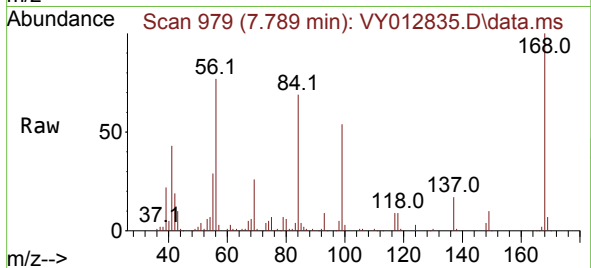




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012835.D
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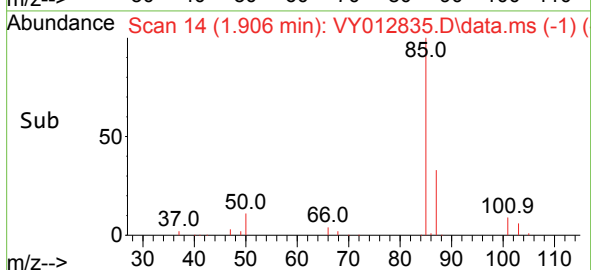
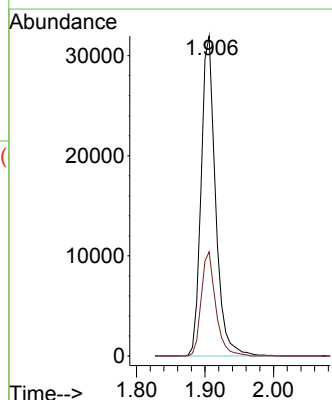
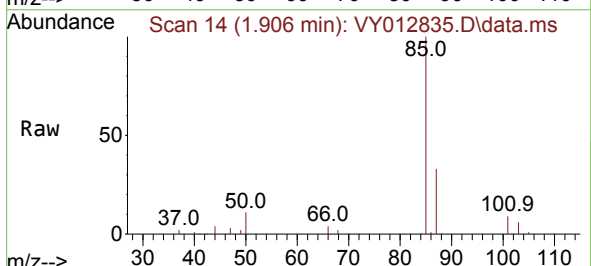
Instrument :
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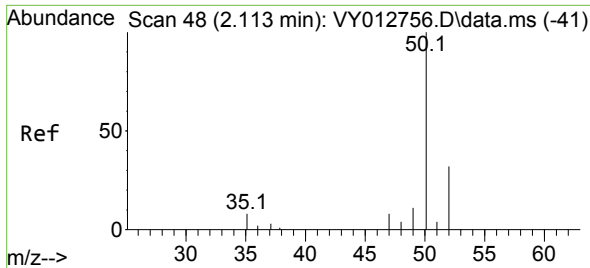
Tgt Ion:168 Resp: 104452
Ion Ratio Lower Upper
168 100
99 53.9 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 45.563 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

Tgt Ion: 85 Resp: 46908
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.0

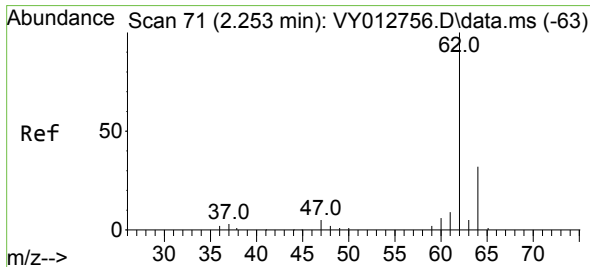
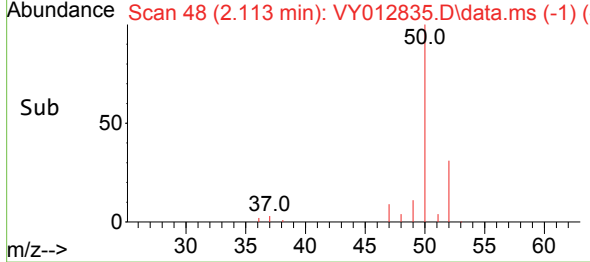
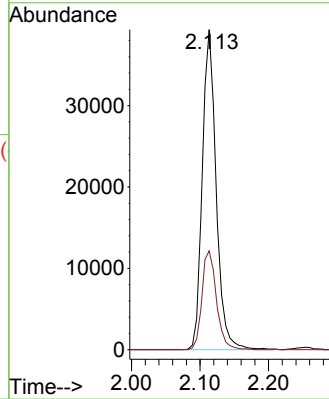
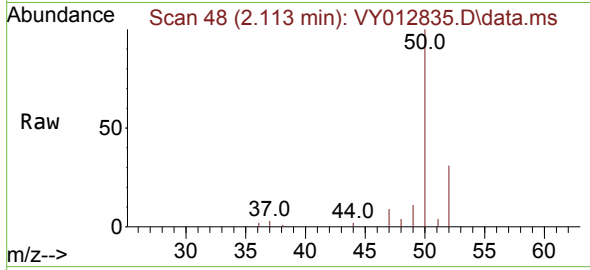




#3
Chloromethane
Concen: 45.117 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

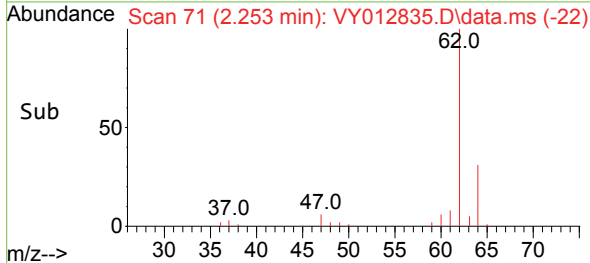
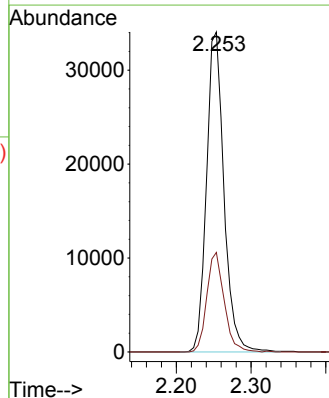
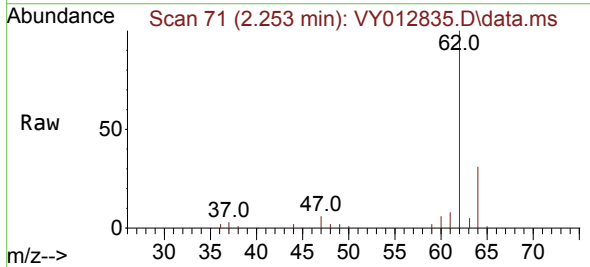
Instrument :
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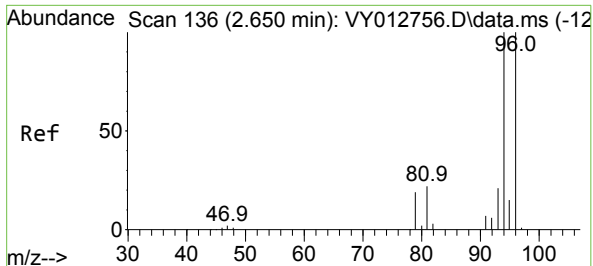
Tgt Ion: 50 Resp: 55530
Ion Ratio Lower Upper
50 100
52 30.9 26.0 39.0



#4
Vinyl Chloride
Concen: 48.876 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

Tgt Ion: 62 Resp: 55163
Ion Ratio Lower Upper
62 100
64 31.1 25.6 38.4





#5

Bromomethane

Concen: 50.810 ug/l

RT: 2.644 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

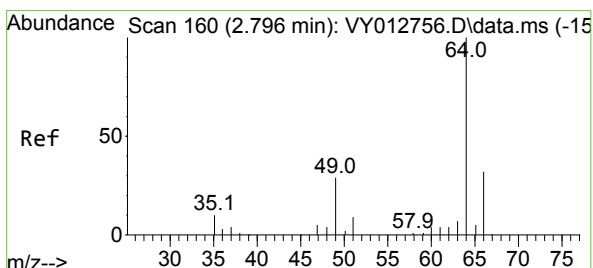
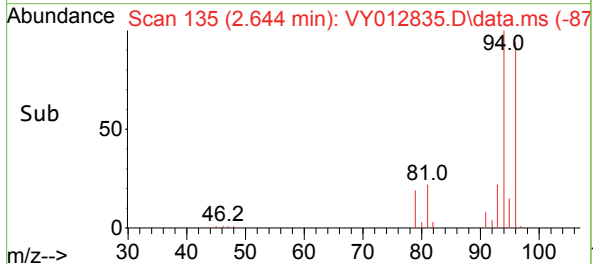
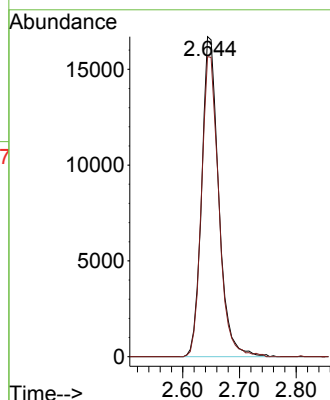
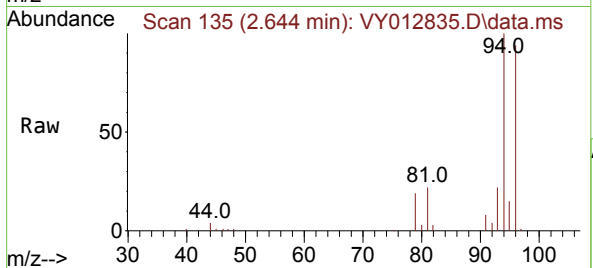
VSTDCCC050EC

Tgt Ion: 94 Resp: 34845

Ion Ratio Lower Upper

94 100

96 93.8 80.3 120.5



#6

Chloroethane

Concen: 52.161 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY012835.D

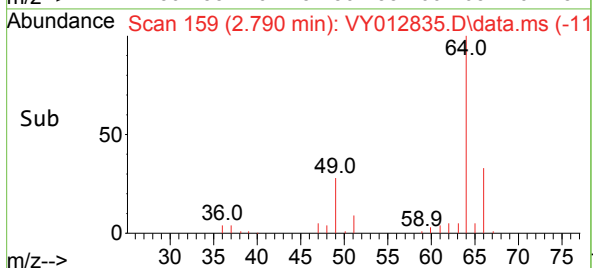
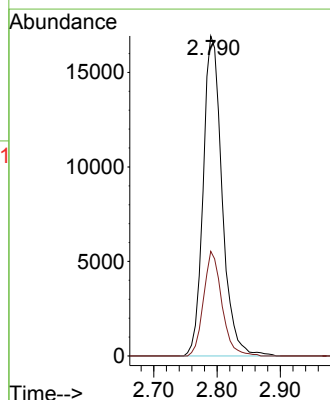
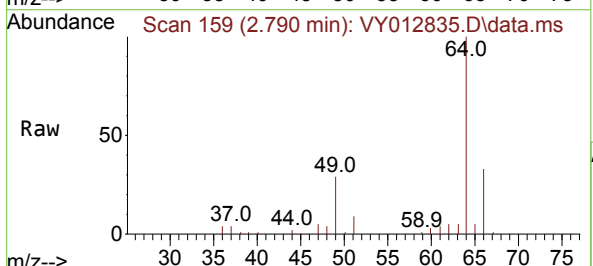
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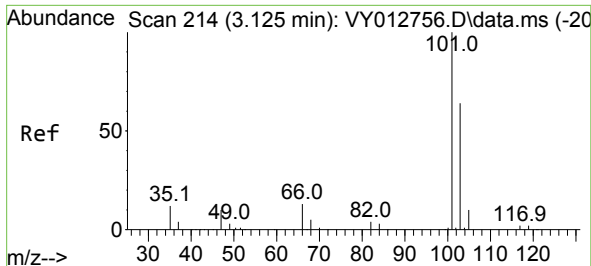
Tgt Ion: 64 Resp: 35257

Ion Ratio Lower Upper

64 100

66 32.7 25.7 38.5

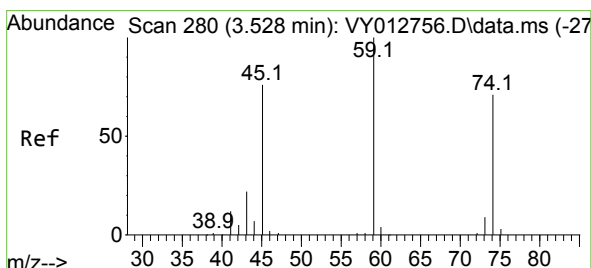
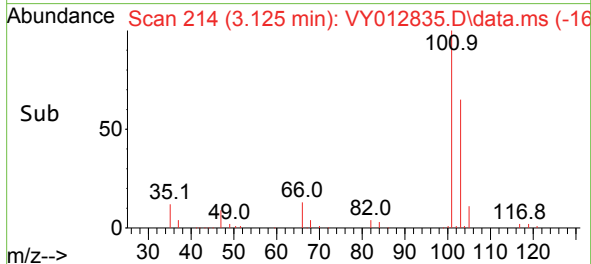
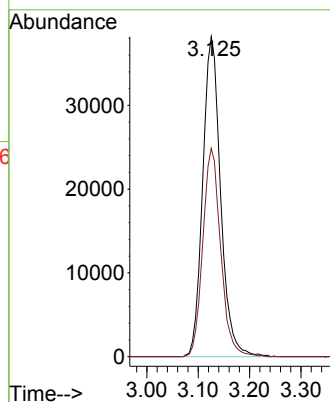
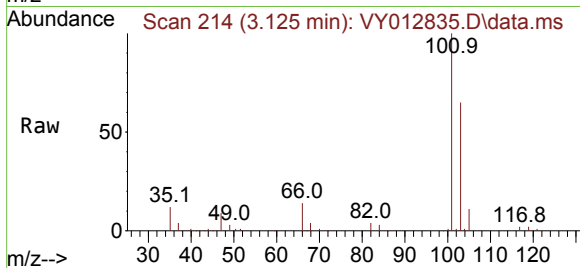




#7
 Trichlorofluoromethane
 Concen: 49.272 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012835.D
 Acq: 06 Mar 2023 19:39

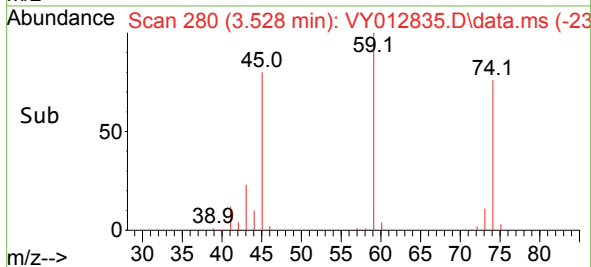
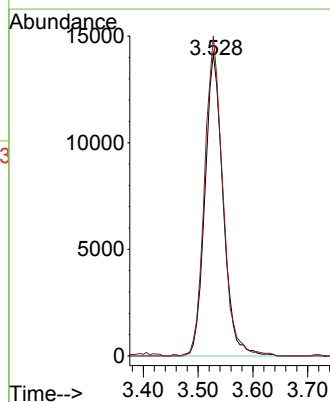
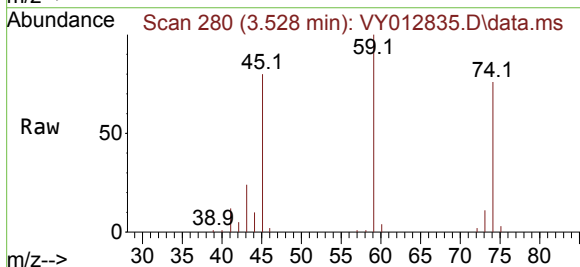
Instrument :
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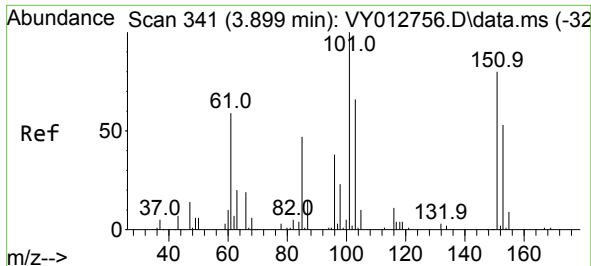
Tgt Ion:101 Resp: 92362
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.5 77.3



#8
 Diethyl Ether
 Concen: 49.667 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY012835.D
 Acq: 06 Mar 2023 19:39

Tgt Ion: 74 Resp: 32626
 Ion Ratio Lower Upper
 74 100
 45 106.1 52.1 156.4

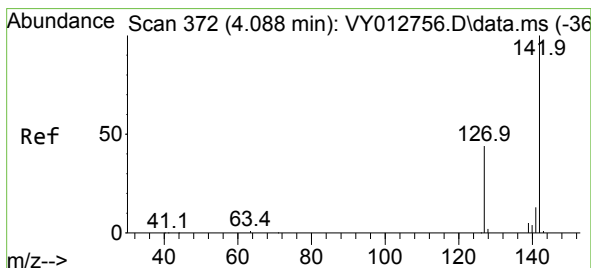
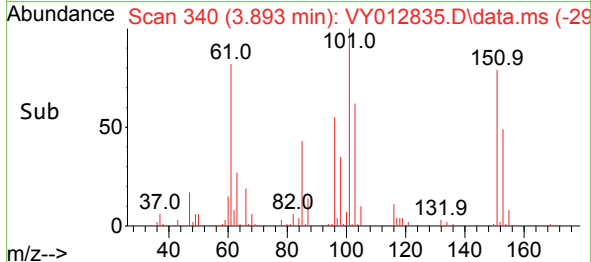
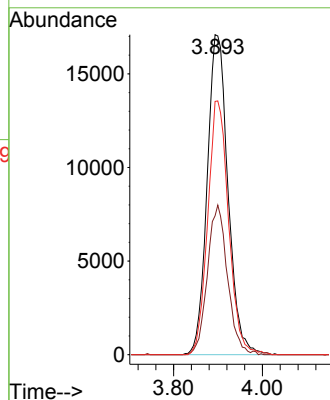
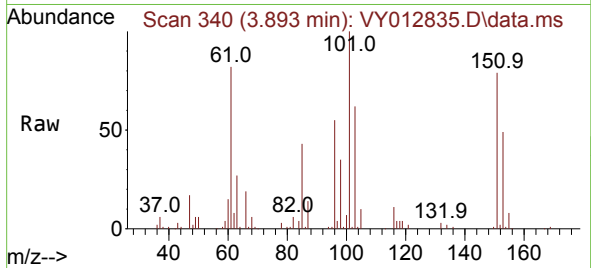




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.443 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY012835.D
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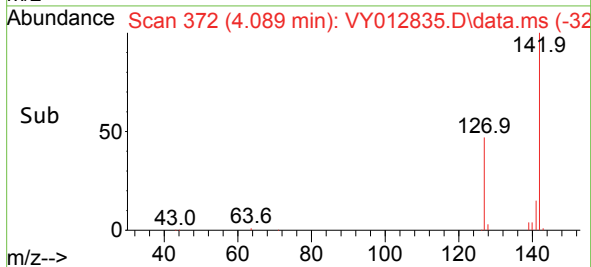
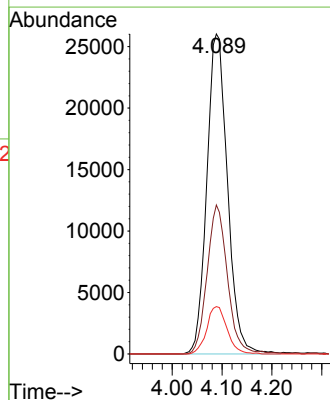
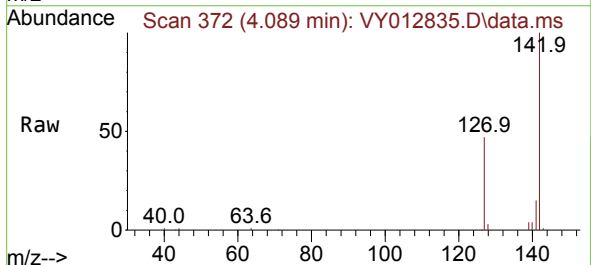
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

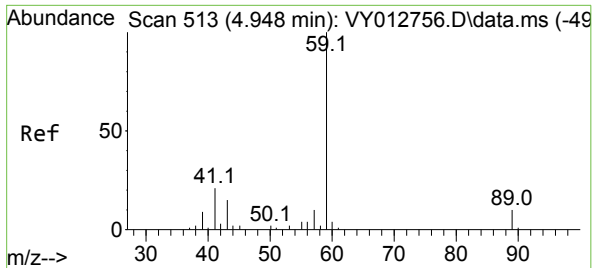
Tgt Ion:101 Resp: 55761
Ion Ratio Lower Upper
101 100
85 45.2 35.3 52.9
151 79.3 63.1 94.7



#10
Methyl Iodide
Concen: 51.028 ug/l
RT: 4.089 min Scan# 372
Delta R.T. 0.001 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

Tgt Ion:142 Resp: 74985
Ion Ratio Lower Upper
142 100
127 45.9 35.4 53.2
141 14.6 11.3 16.9

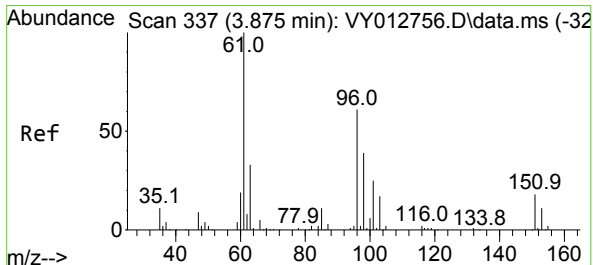
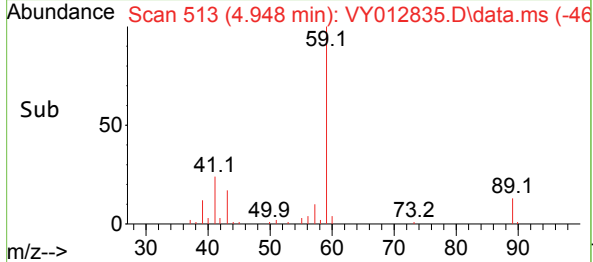
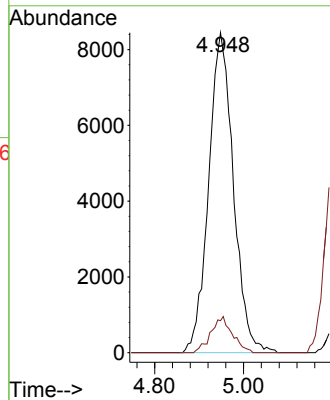
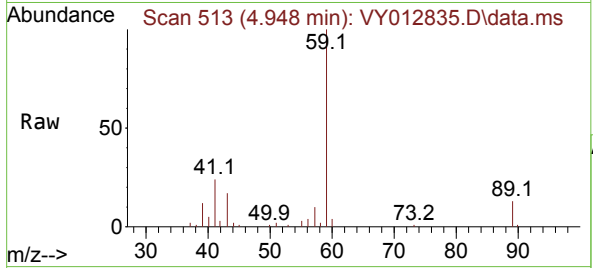




#11
Tert butyl alcohol
Concen: 276.197 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

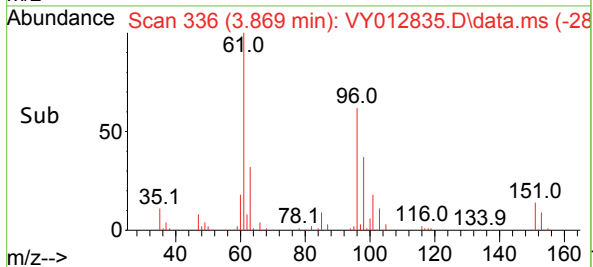
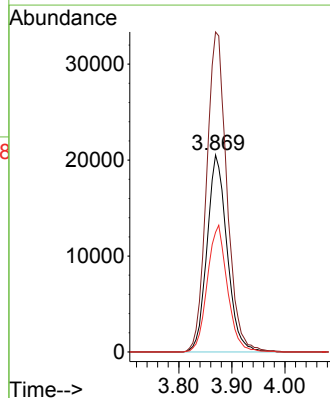
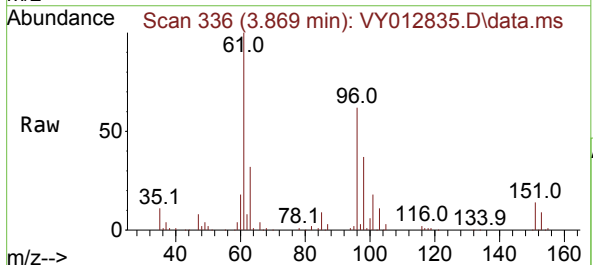
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

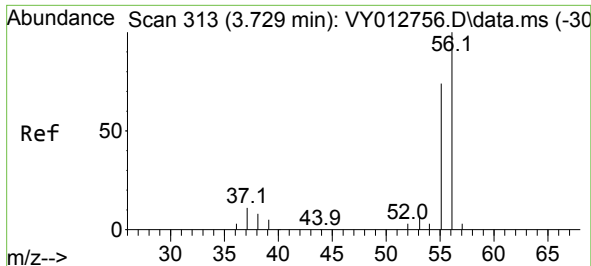
Tgt Ion: 59 Resp: 32689
Ion Ratio Lower Upper
59 100
57 9.7 7.7 11.5



#12
1,1-Dichloroethene
Concen: 50.155 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

Tgt Ion: 96 Resp: 53948
Ion Ratio Lower Upper
96 100
61 162.5 131.7 197.5
98 60.8 52.0 78.0





#13

Acrolein

Concen: 271.274 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

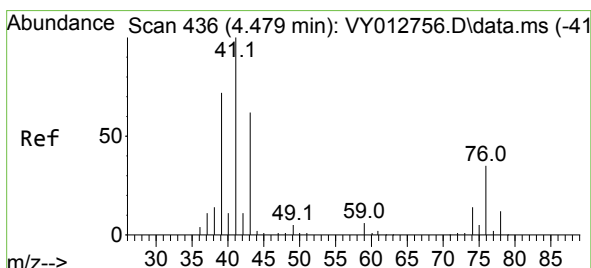
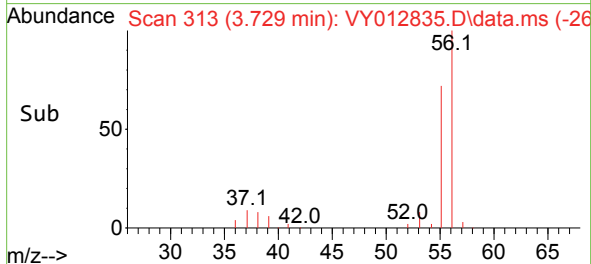
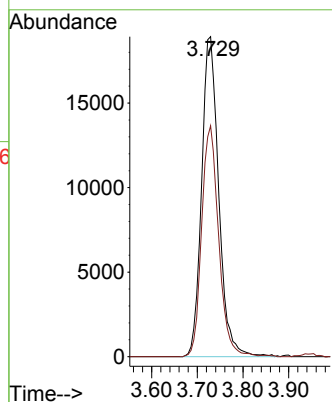
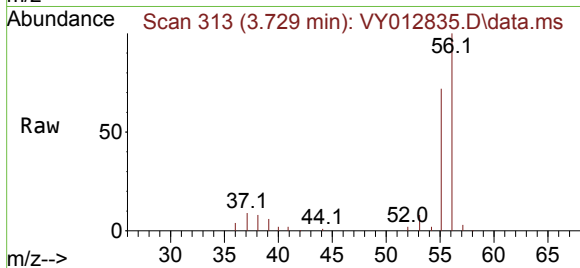
VSTDCCC050EC

Tgt Ion: 56 Resp: 49289

Ion Ratio Lower Upper

56 100

55 71.6 56.8 85.2



#14

Allyl chloride

Concen: 44.527 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

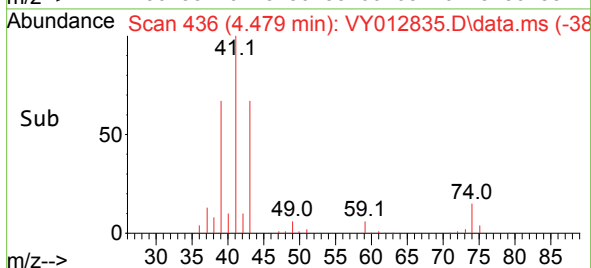
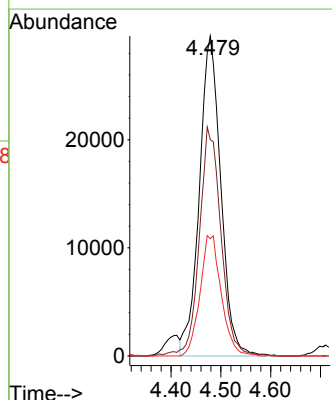
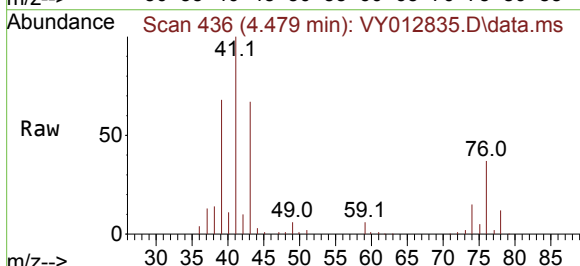
Tgt Ion: 41 Resp: 88469

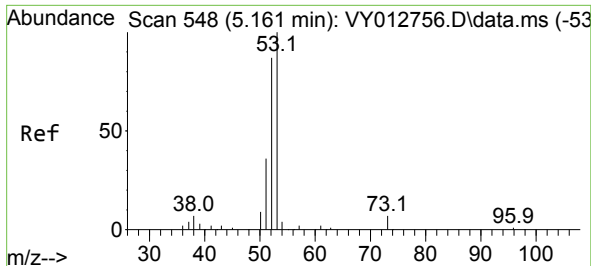
Ion Ratio Lower Upper

41 100

39 72.1 53.6 80.4

76 37.3 27.2 40.8

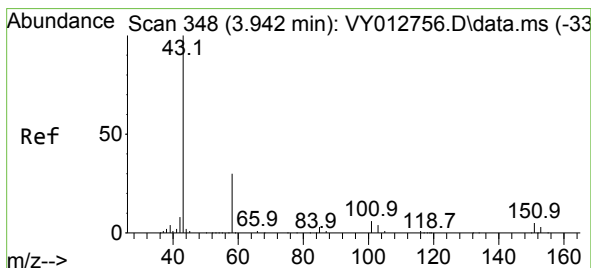
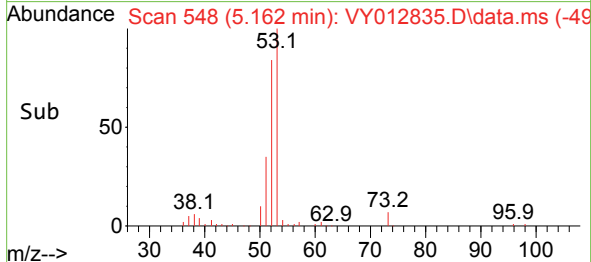
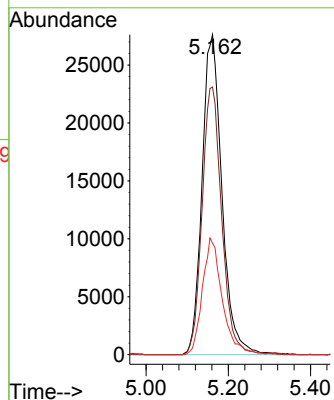
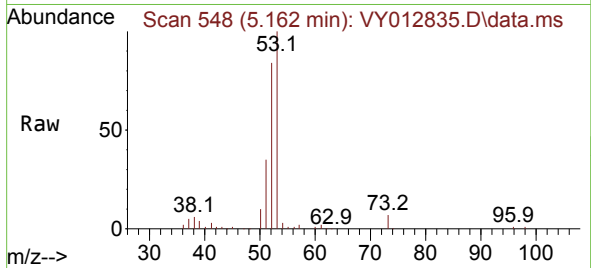




#15
Acrylonitrile
Concen: 267.959 ug/l
RT: 5.162 min Scan# 54
Delta R.T. 0.001 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

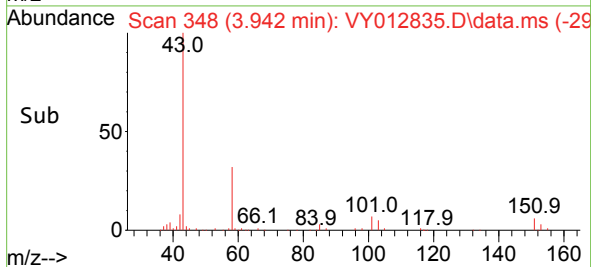
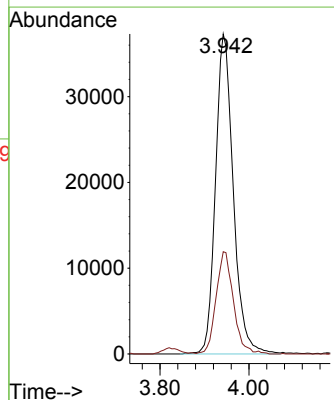
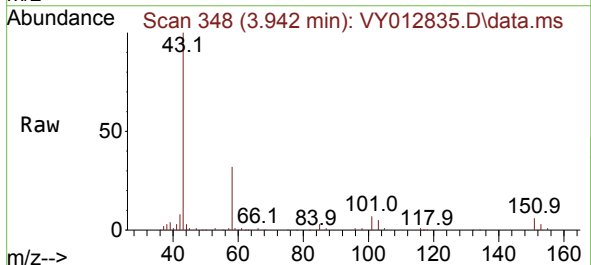
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

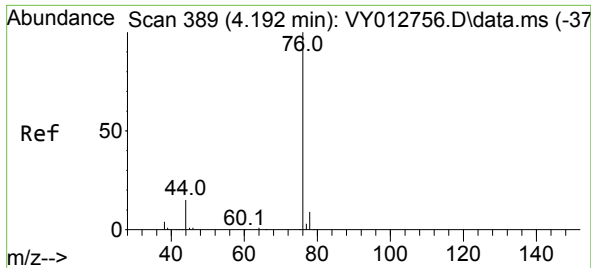
Tgt Ion: 53	Resp: 92746
Ion Ratio	Lower Upper
53 100	
52 82.4	66.3 99.5
51 36.5	28.8 43.2



#16
Acetone
Concen: 253.708 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

Tgt Ion: 43	Resp: 103274
Ion Ratio	Lower Upper
43 100	
58 32.0	24.2 36.2

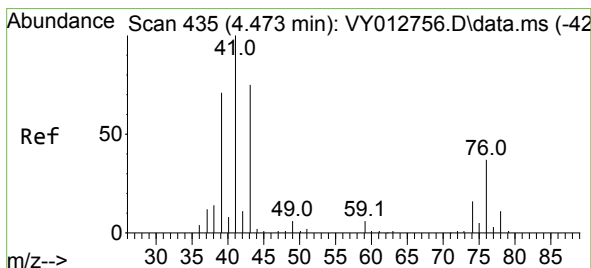
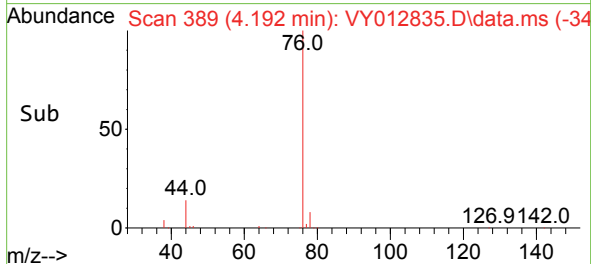
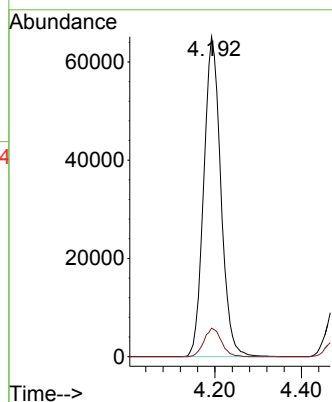
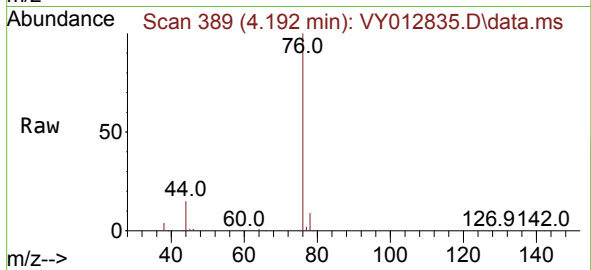




#17
Carbon Disulfide
Concen: 48.659 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

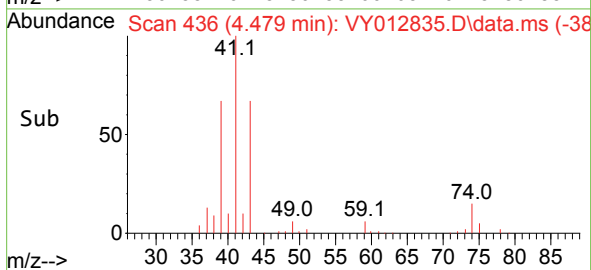
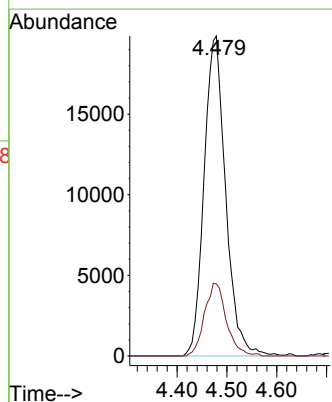
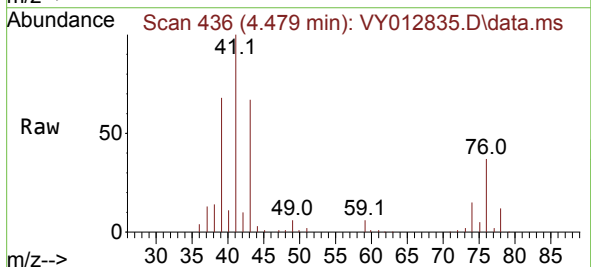
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

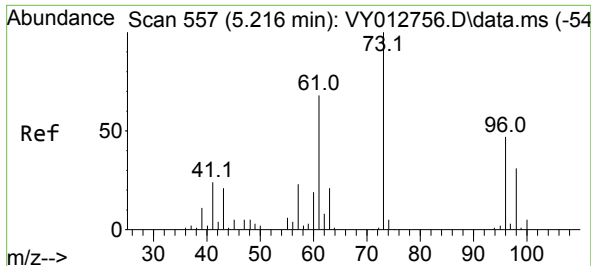
Tgt Ion: 76 Resp: 178153
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 49.179 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

Tgt Ion: 43 Resp: 59615
Ion Ratio Lower Upper
43 100
74 23.1 17.4 26.0

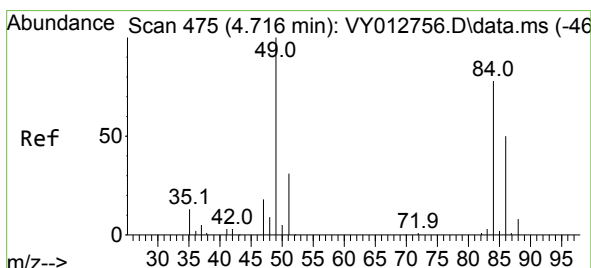
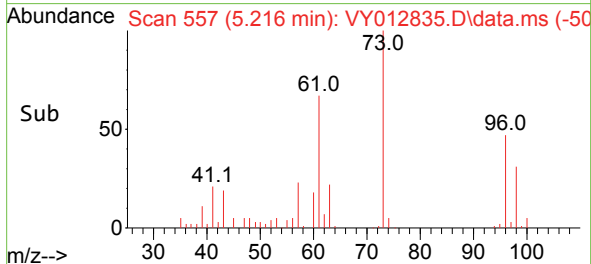
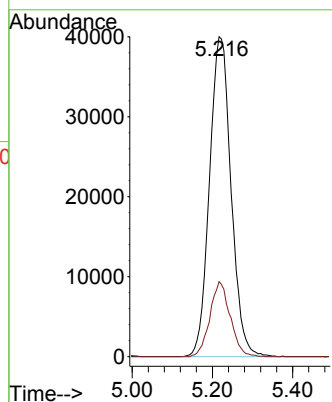
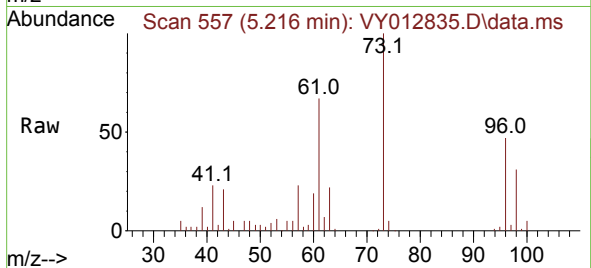




#19
Methyl tert-butyl Ether
Concen: 53.742 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

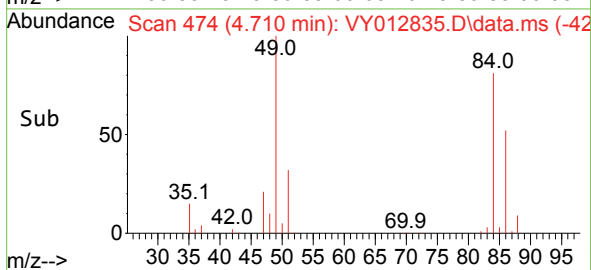
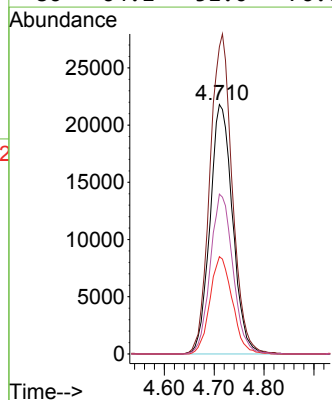
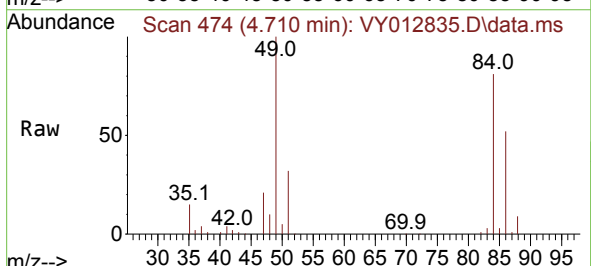
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

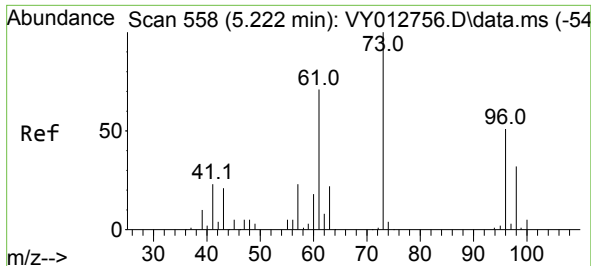
Tgt Ion: 73 Resp: 149311
Ion Ratio Lower Upper
73 100
57 23.4 18.3 27.5



#20
Methylene Chloride
Concen: 55.859 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

Tgt Ion: 84 Resp: 68603
Ion Ratio Lower Upper
84 100
49 123.2 102.6 154.0
51 39.0 31.9 47.9
86 64.1 51.0 76.6

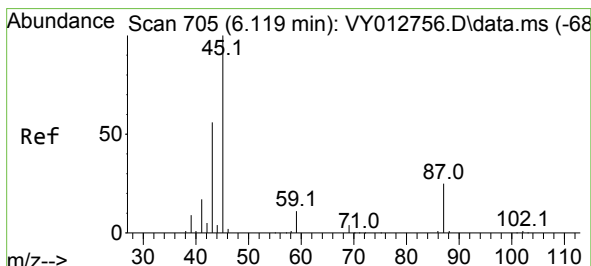
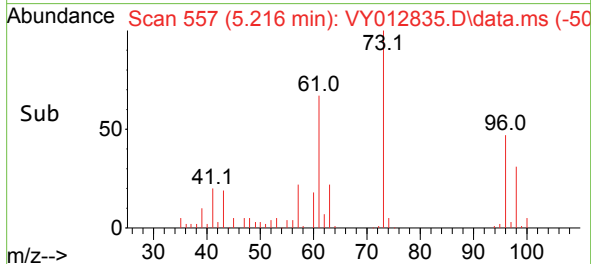
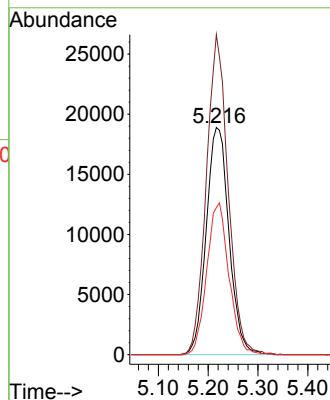
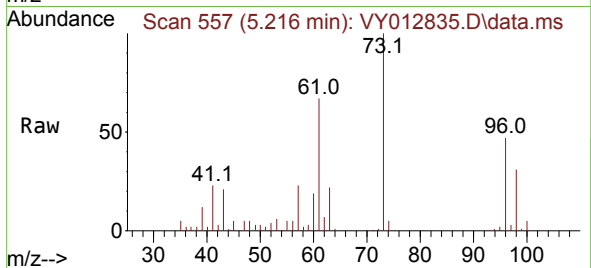




#21
trans-1,2-Dichloroethene
Concen: 51.322 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

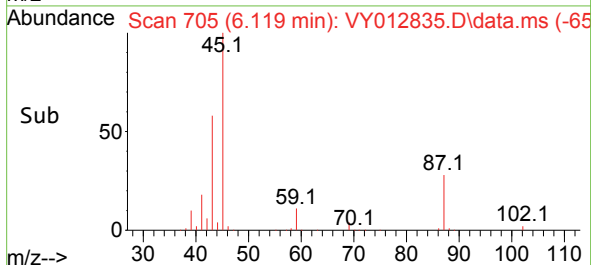
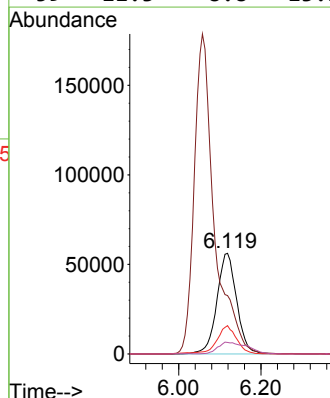
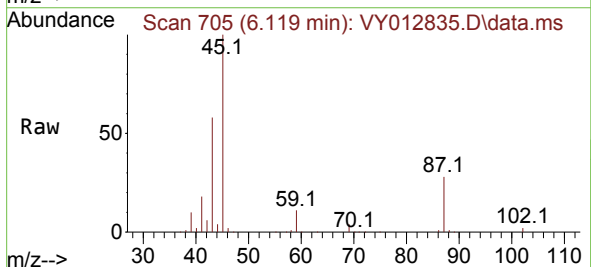
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

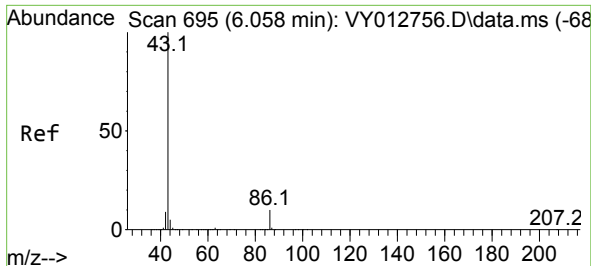
Tgt Ion: 96 Resp: 59989
Ion Ratio Lower Upper
96 100
61 140.8 111.4 167.0
98 64.7 50.8 76.2



#22
Diisopropyl ether
Concen: 52.054 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

Tgt Ion: 45 Resp: 187849
Ion Ratio Lower Upper
45 100
43 57.7 45.0 67.6
87 28.1 20.3 30.5
59 11.3 8.8 13.2

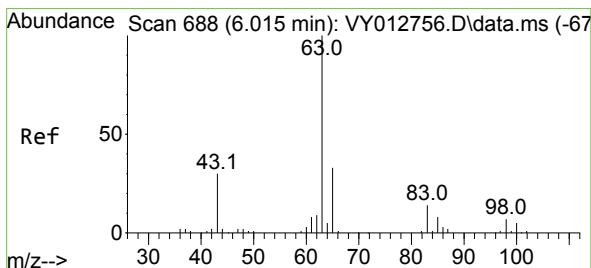
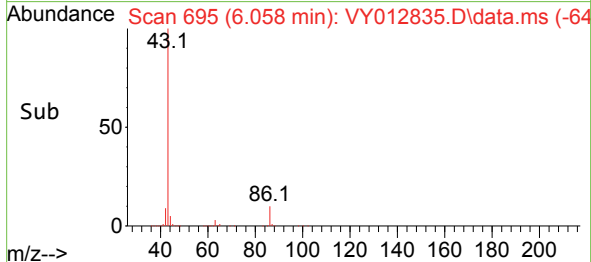
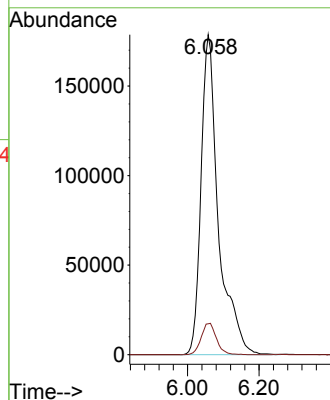
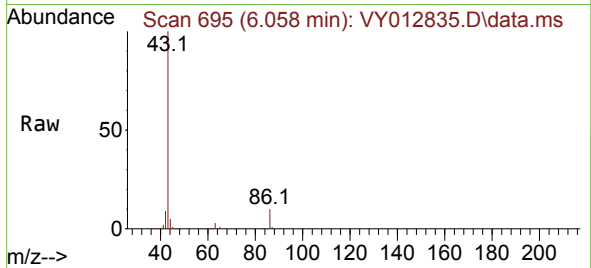




#23
 Vinyl Acetate
 Concen: 268.670 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012835.D
 Acq: 06 Mar 2023 19:39

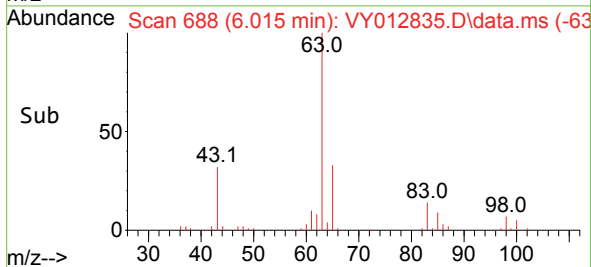
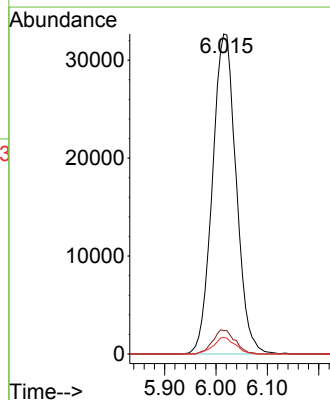
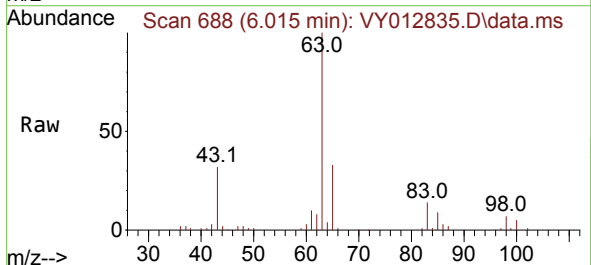
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

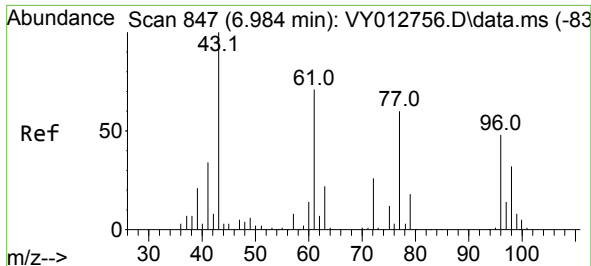
Tgt Ion: 43 Resp: 602431
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 50.964 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY012835.D
 Acq: 06 Mar 2023 19:39

Tgt Ion: 63 Resp: 104802
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.7 11.1
 100 5.1 2.3 6.8





#25

2-Butanone

Concen: 262.089 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

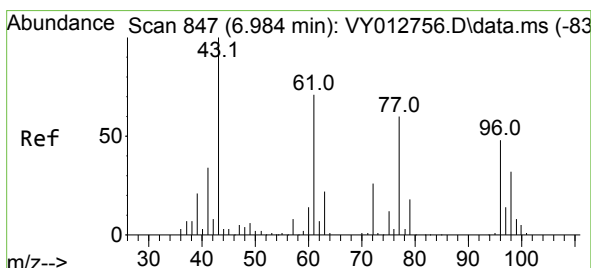
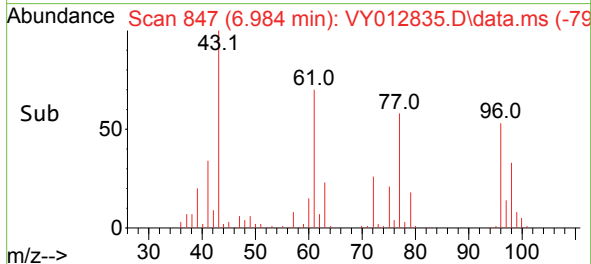
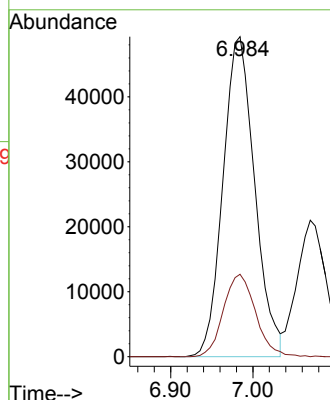
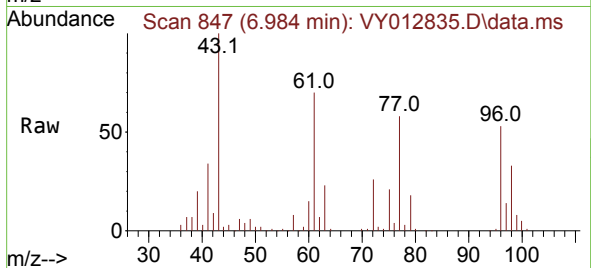
VSTDCCC050EC

Tgt Ion: 43 Resp: 132139

Ion Ratio Lower Upper

43 100

72 25.8 21.0 31.4



#26

2,2-Dichloropropane

Concen: 49.067 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012835.D

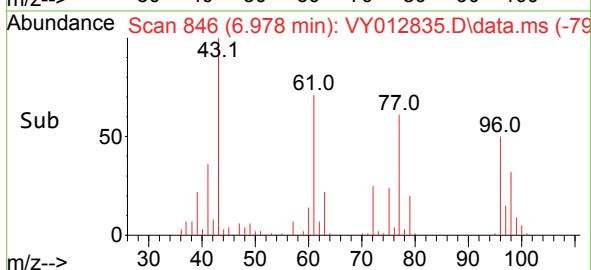
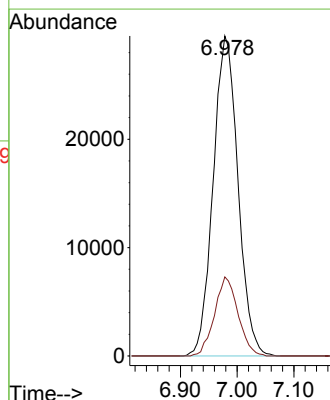
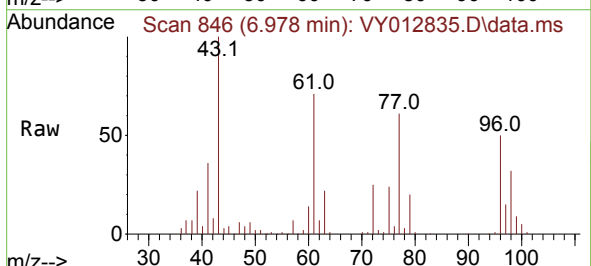
Acq: 06 Mar 2023 19:39

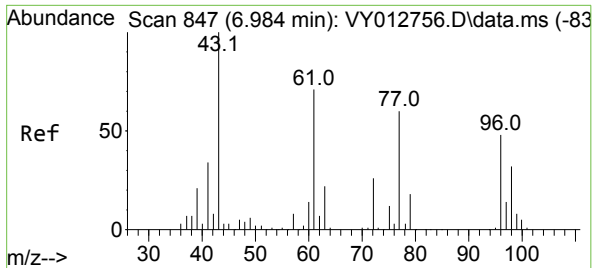
Tgt Ion: 77 Resp: 89615

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0

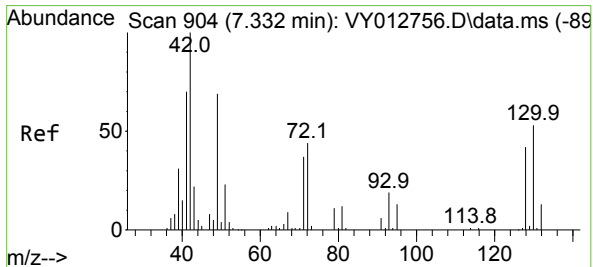
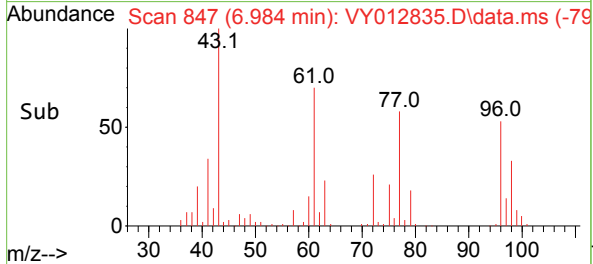
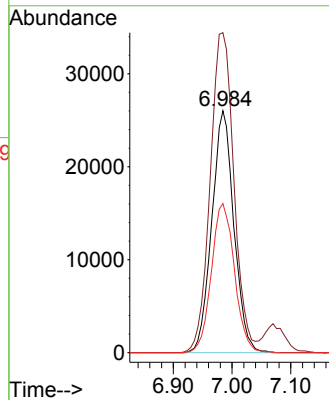
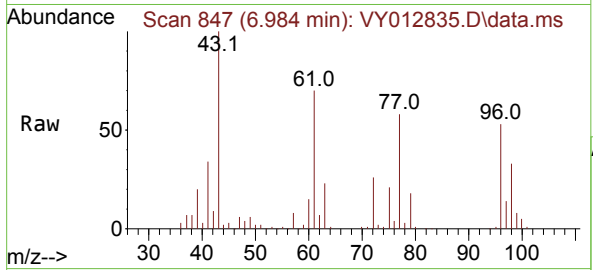




#27
 cis-1,2-Dichloroethene
 Concen: 54.308 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY012835.D
 Acq: 06 Mar 2023 19:39

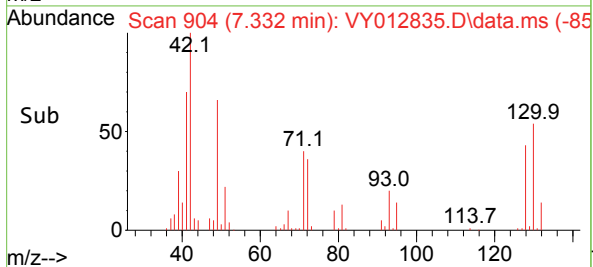
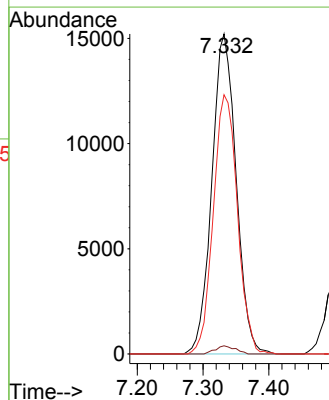
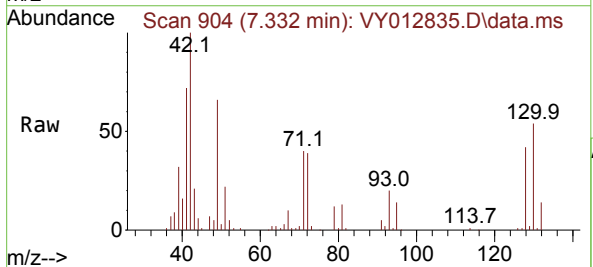
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96	Resp: 68058
Ion Ratio	Lower Upper
96 100	
61 141.8	0.0 295.8
98 64.4	0.0 130.2



#28
 Bromochloromethane
 Concen: 52.031 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012835.D
 Acq: 06 Mar 2023 19:39

Tgt Ion: 49	Resp: 39101
Ion Ratio	Lower Upper
49 100	
129 2.1	0.0 4.2
130 80.4	60.5 90.7





#29

Tetrahydrofuran

Concen: 273.018 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

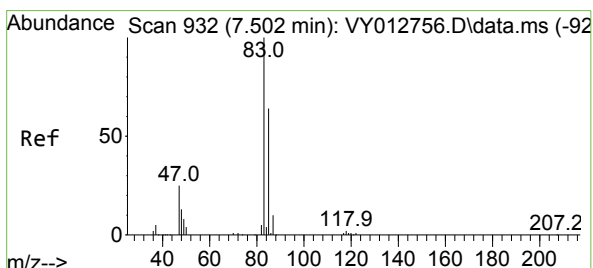
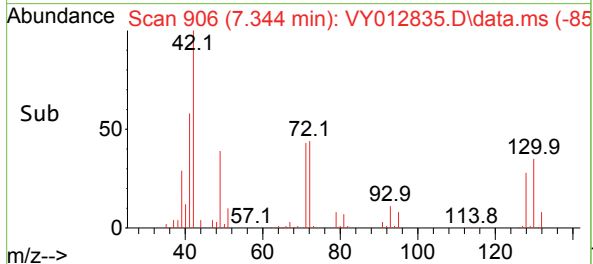
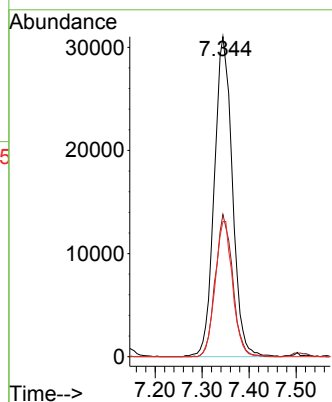
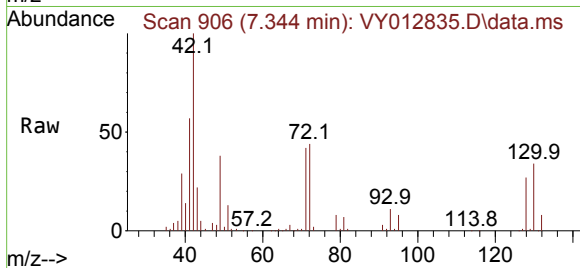
Tgt Ion: 42 Resp: 83019

Ion Ratio Lower Upper

42 100

72 42.6 32.3 48.5

71 40.7 30.3 45.5



#30

Chloroform

Concen: 54.099 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.001 min

Lab File: VY012835.D

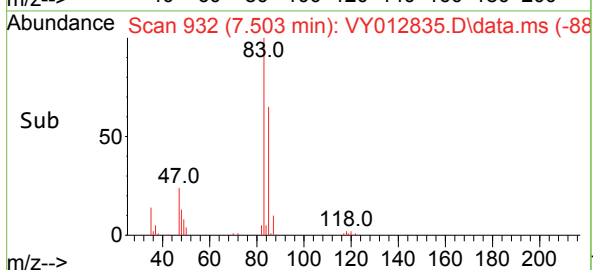
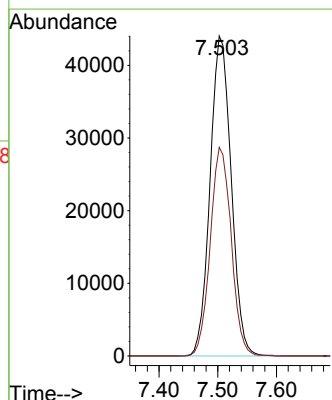
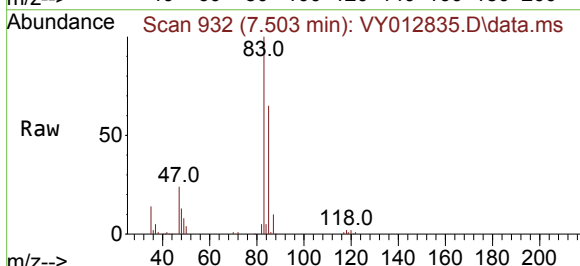
Acq: 06 Mar 2023 19:39

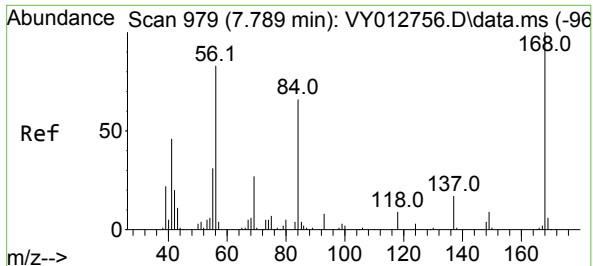
Tgt Ion: 83 Resp: 109887

Ion Ratio Lower Upper

83 100

85 65.2 51.4 77.0





#31

Cyclohexane

Concen: 46.253 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

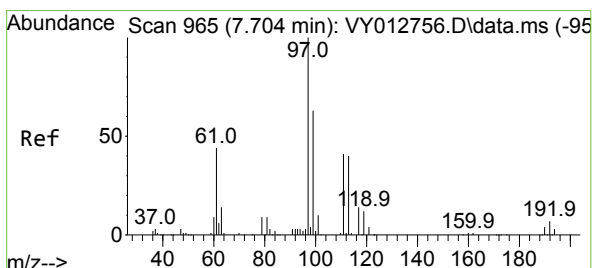
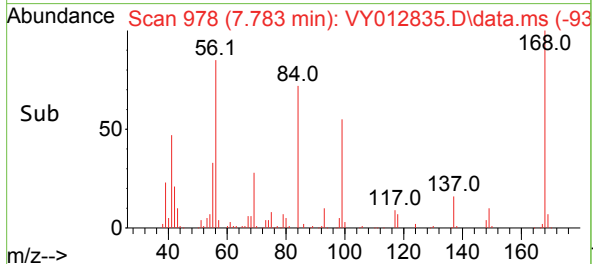
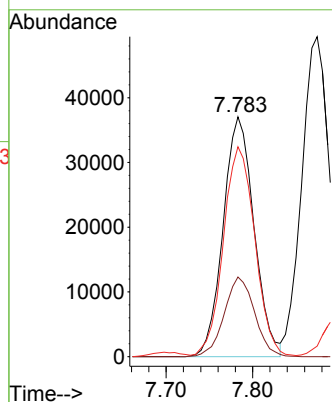
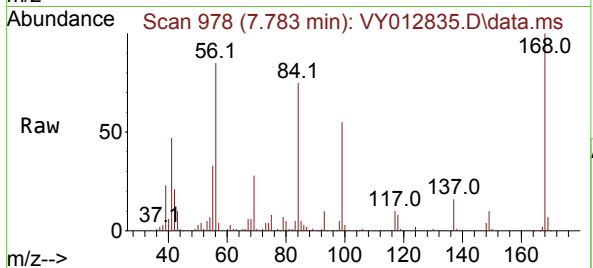
Tgt Ion: 56 Resp: 91866

Ion Ratio Lower Upper

56 100

69 33.2 25.7 38.5

84 86.3 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 52.140 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

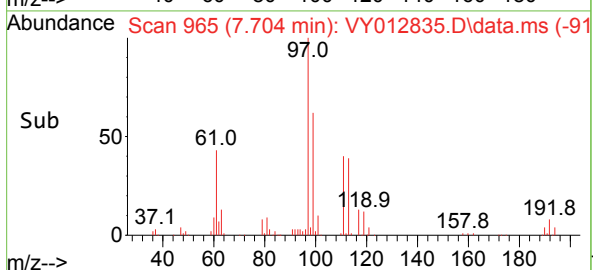
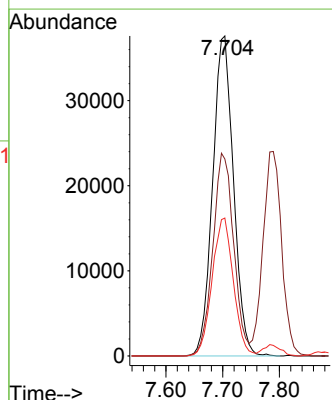
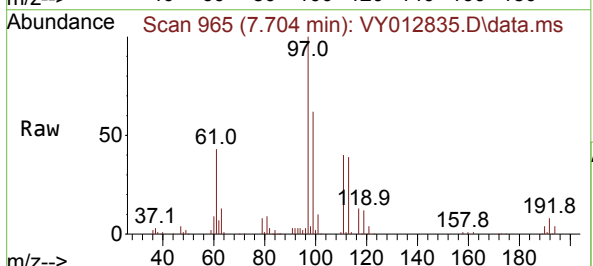
Tgt Ion: 97 Resp: 95775

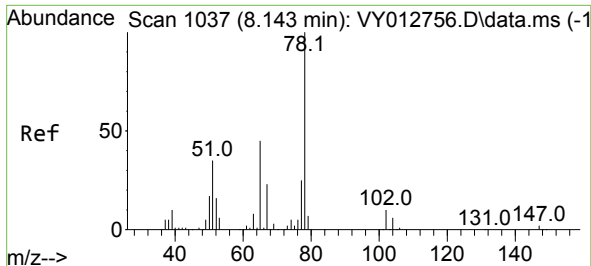
Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.6

61 44.1 34.5 51.7

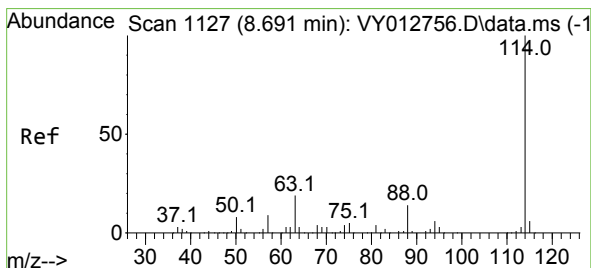
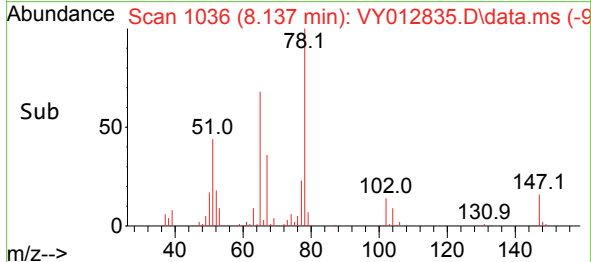
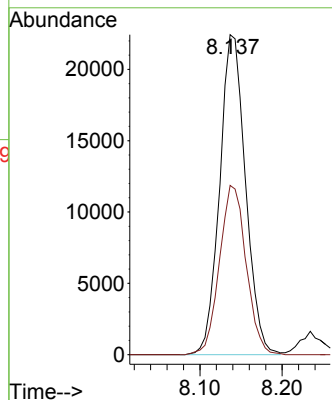
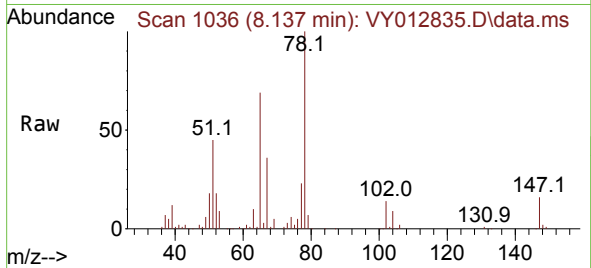




#33
 1,2-Dichloroethane-d4
 Concen: 47.354 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY012835.D
 Acq: 06 Mar 2023 19:39

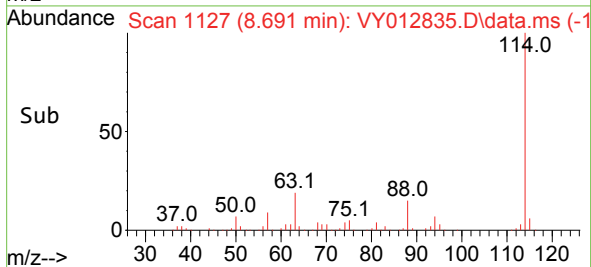
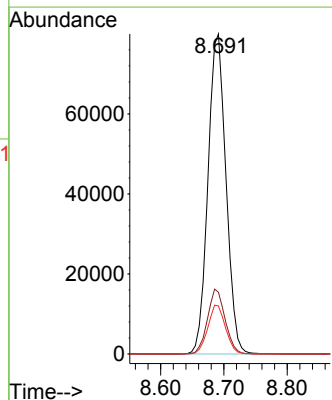
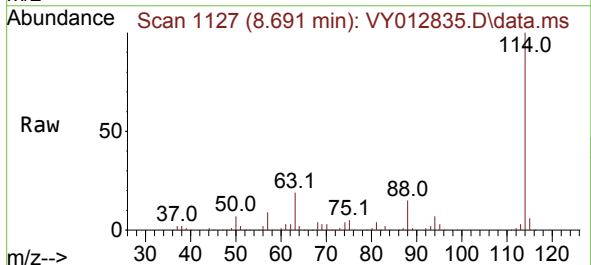
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 49110
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012835.D
 Acq: 06 Mar 2023 19:39

Tgt Ion:114 Resp: 158259
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.4
 88 15.0 0.0 28.6

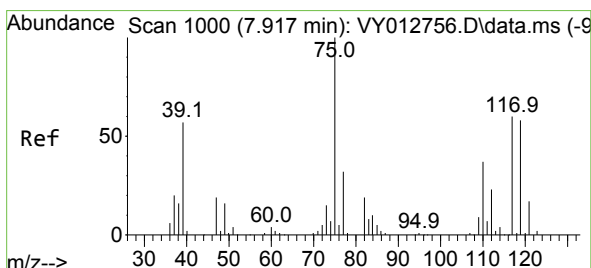
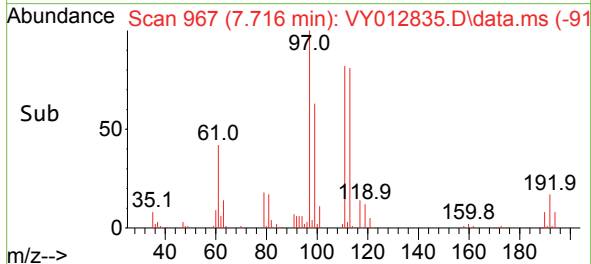
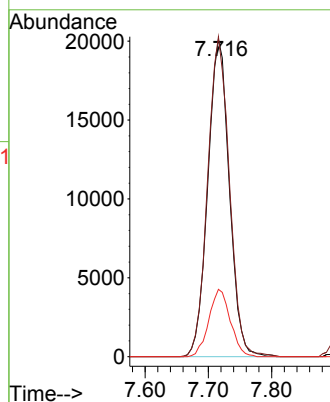
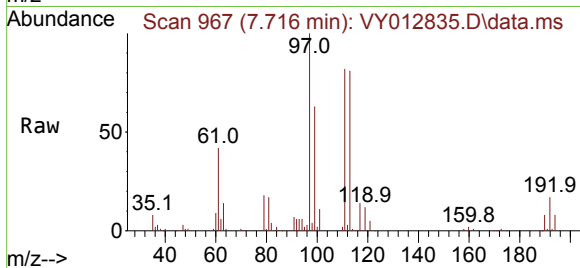




#35
Dibromofluoromethane
Concen: 49.725 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

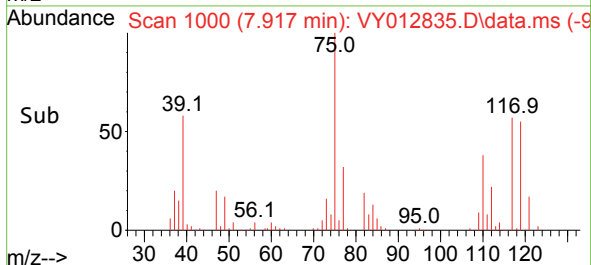
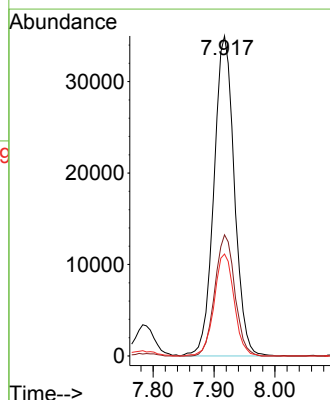
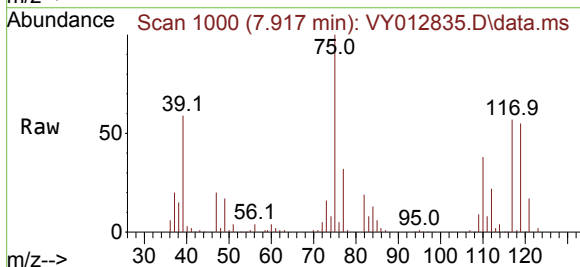
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

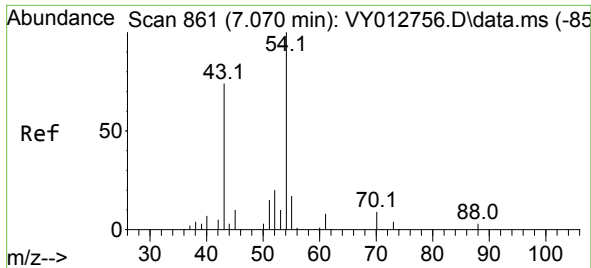
Tgt Ion:113 Resp: 47492
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 21.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 50.898 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

Tgt Ion: 75 Resp: 81463
Ion Ratio Lower Upper
75 100
110 37.0 17.8 53.3
77 31.2 25.0 37.4

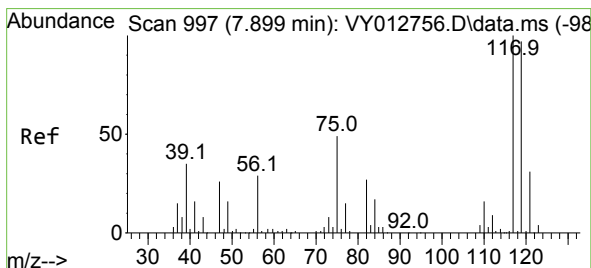
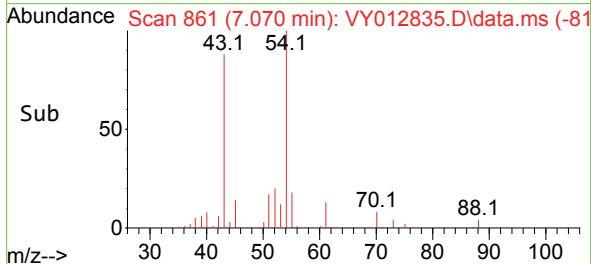
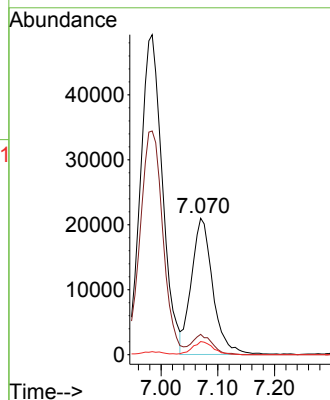
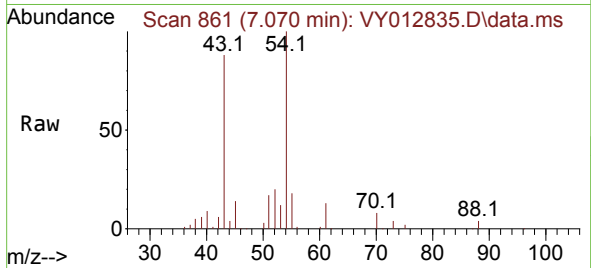




#37
Ethyl Acetate
Concen: 54.395 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

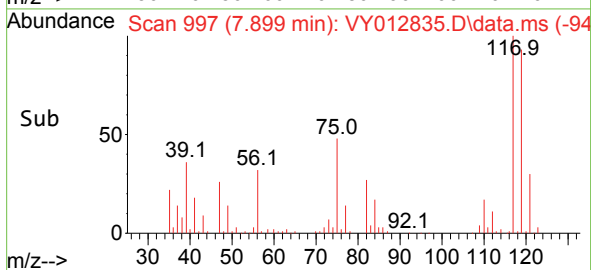
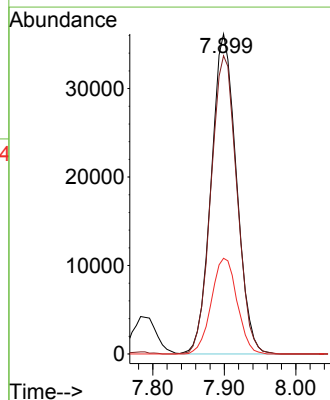
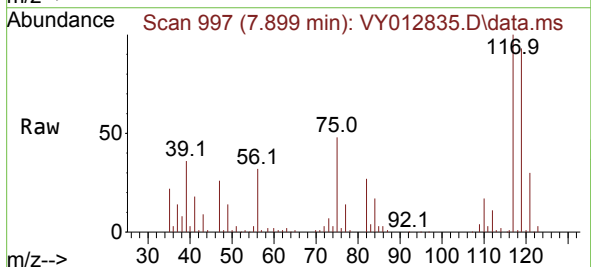
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

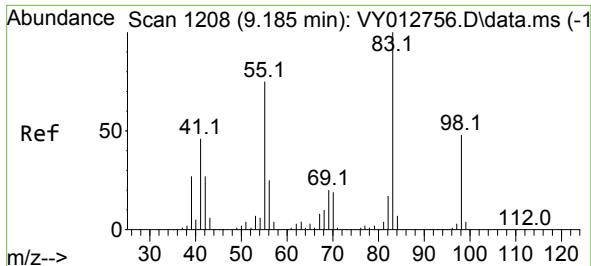
Tgt Ion:	43	Resp:	54873
Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.7	16.1
70	9.3	7.8	11.8



#38
Carbon Tetrachloride
Concen: 53.625 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

Tgt Ion:	117	Resp:	88632
Ion	Ratio	Lower	Upper
117	100		
119	93.2	77.2	115.8
121	29.9	24.7	37.1





#39

Methylcyclohexane

Concen: 51.293 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

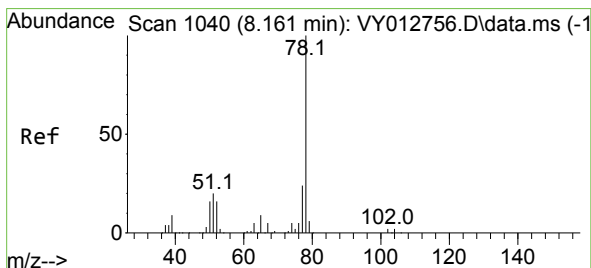
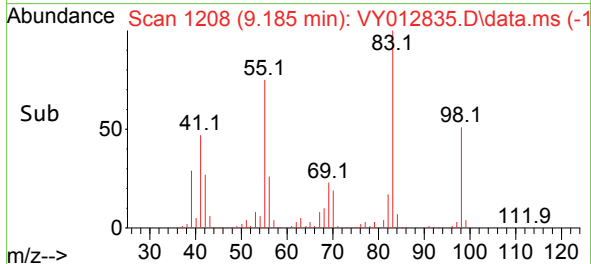
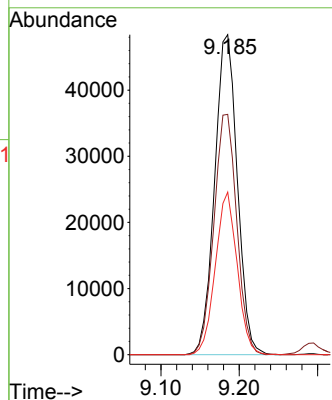
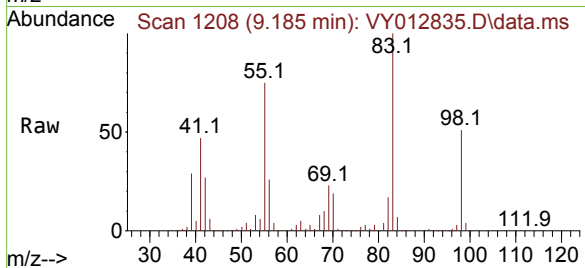
Tgt Ion: 83 Resp: 97601

Ion Ratio Lower Upper

83 100

55 75.1 60.0 90.0

98 50.8 38.3 57.5



#40

Benzene

Concen: 53.986 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012835.D

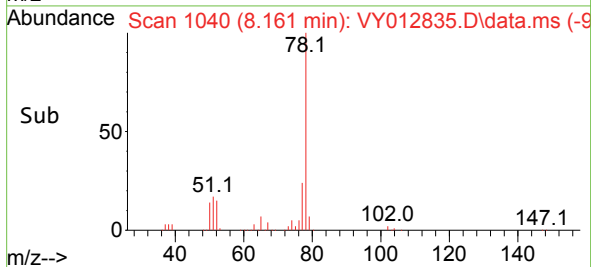
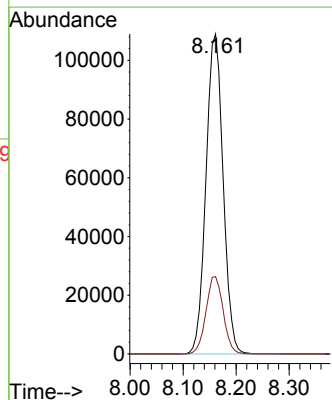
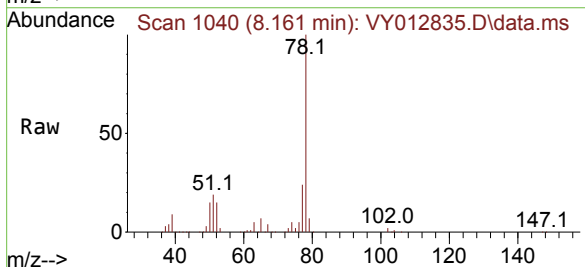
Acq: 06 Mar 2023 19:39

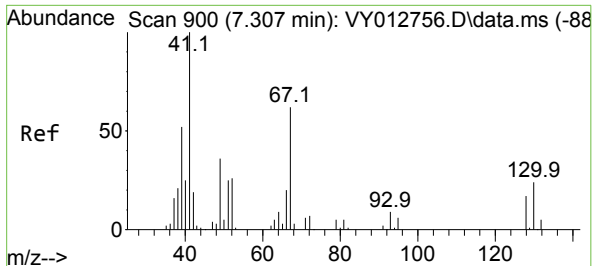
Tgt Ion: 78 Resp: 244420

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0

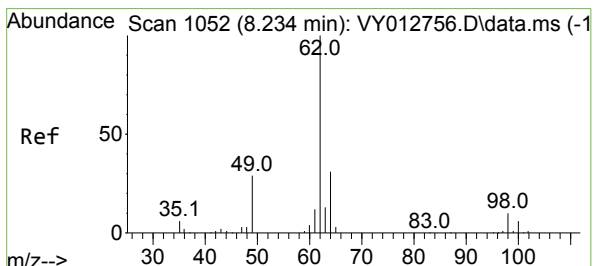
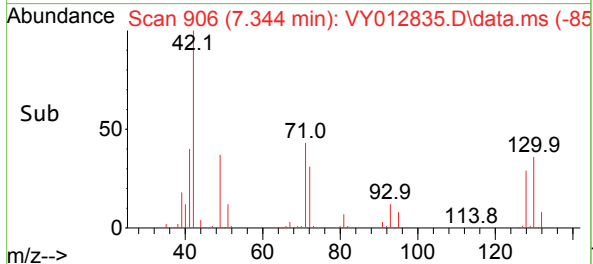
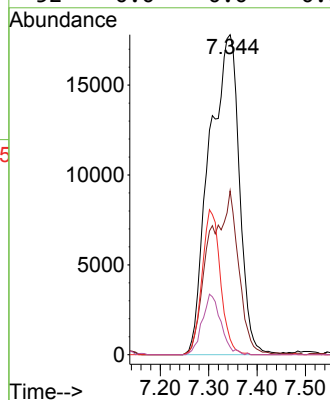
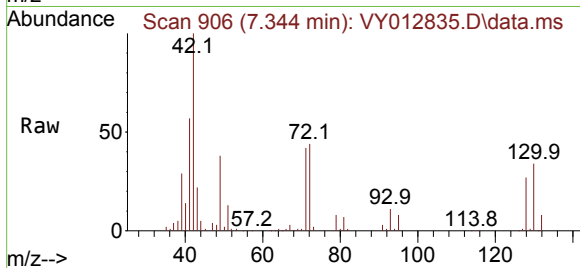




#41
Methacrylonitrile
Concen: 140.764 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

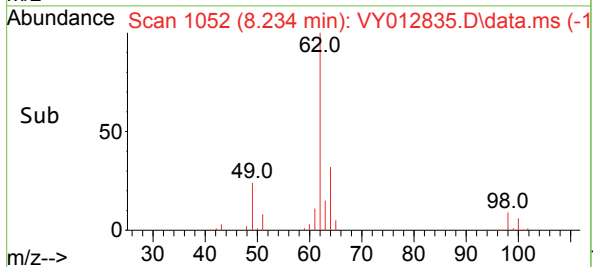
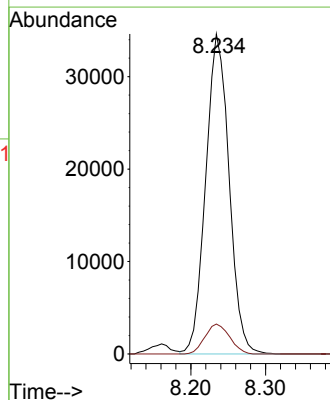
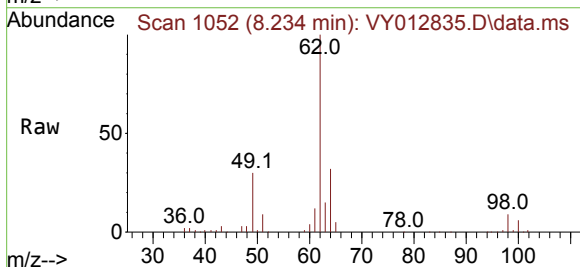
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

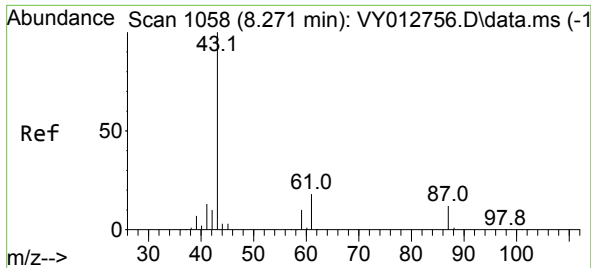
Tgt Ion:	41	Resp:	76506
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 55.200 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

Tgt Ion:	62	Resp:	75136
Ion Ratio	Lower	Upper	
62	100		
98	9.9	0.0	18.8

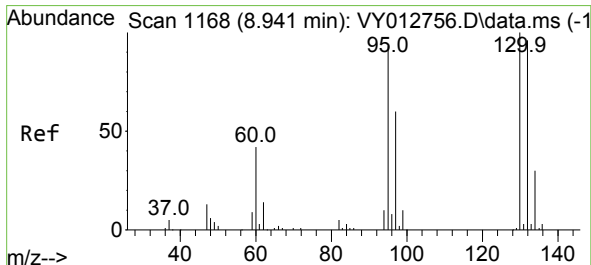
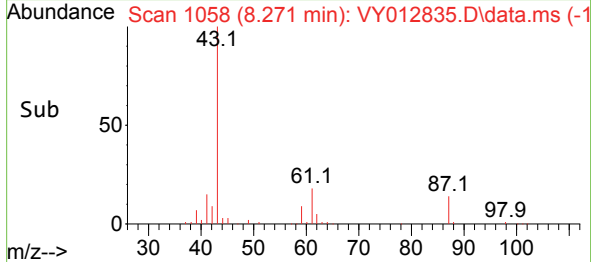
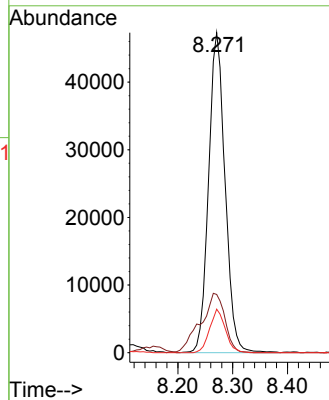
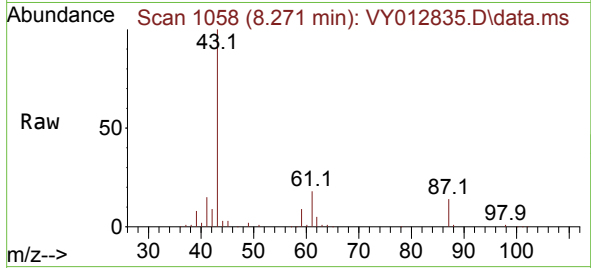




#43
Isopropyl Acetate
Concen: 54.717 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

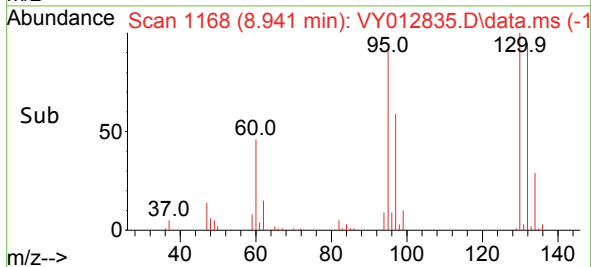
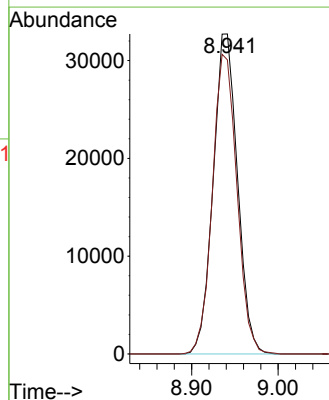
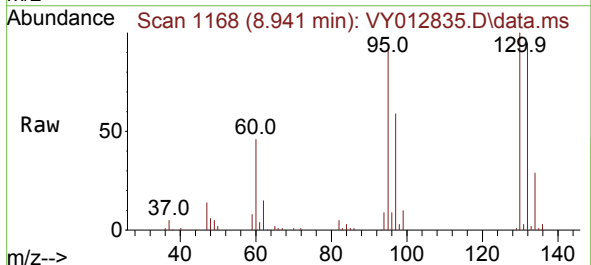
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

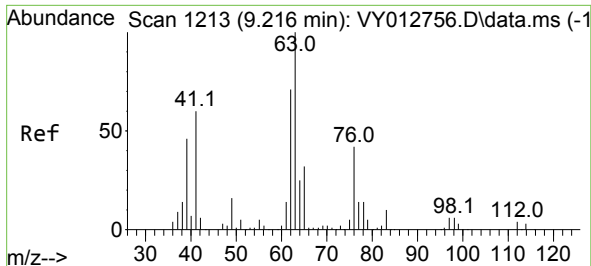
Tgt Ion:	43	Resp:	98479
Ion	Ratio	Lower	Upper
43	100		
61	27.3	21.6	32.4
87	13.0	9.9	14.9



#44
Trichloroethene
Concen: 53.555 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

Tgt Ion:	130	Resp:	63927
Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	185.0

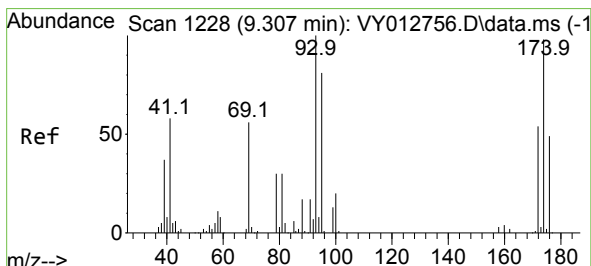
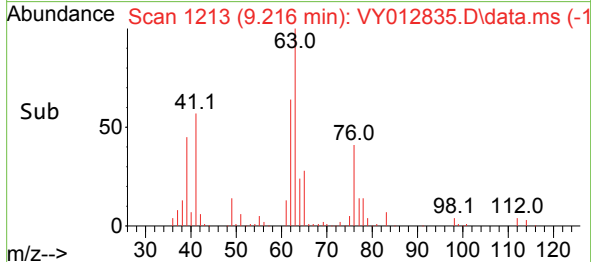
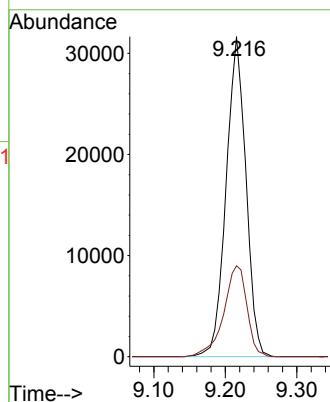
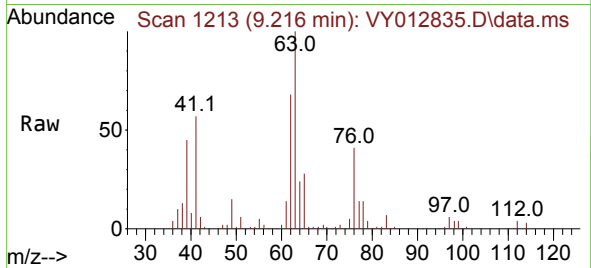




#45
1,2-Dichloropropane
Concen: 53.128 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

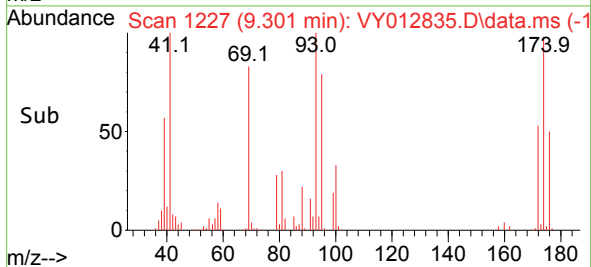
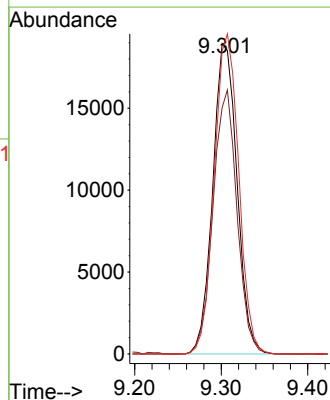
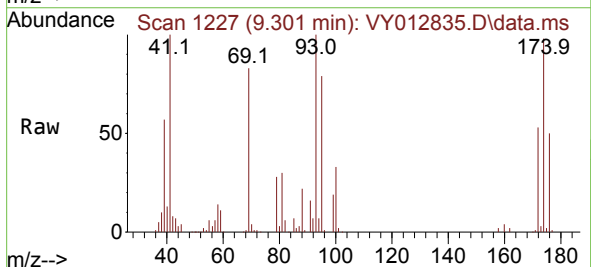
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

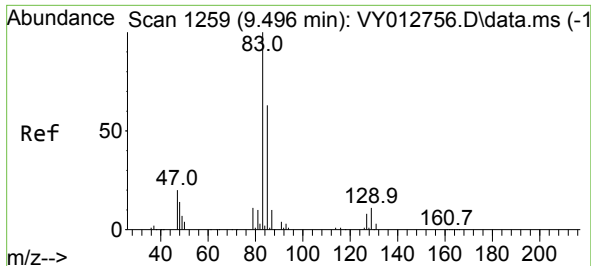
Tgt Ion: 63 Resp: 60789
Ion Ratio Lower Upper
63 100
65 28.4 25.7 38.5



#46
Dibromomethane
Concen: 56.612 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

Tgt Ion: 93 Resp: 36903
Ion Ratio Lower Upper
93 100
95 83.7 65.6 98.4
174 103.9 81.3 121.9

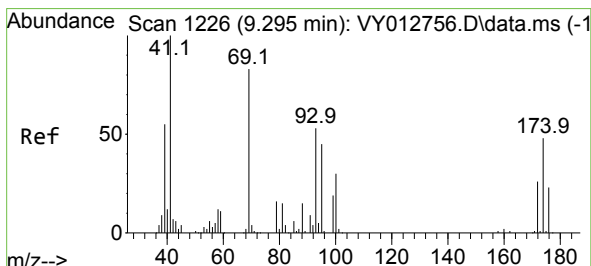
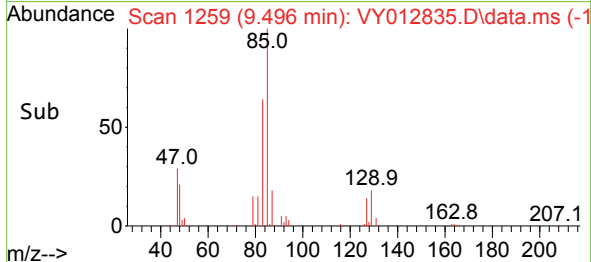
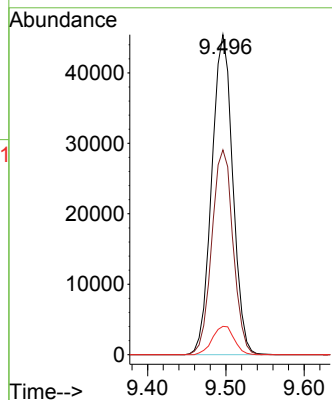
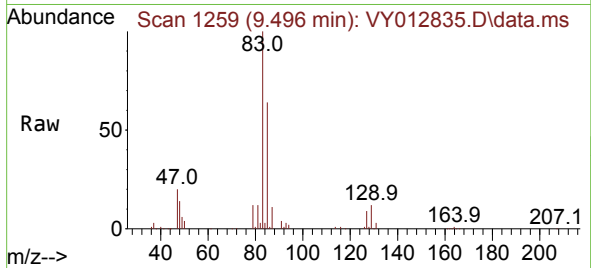




#47
Bromodichloromethane
Concen: 55.030 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

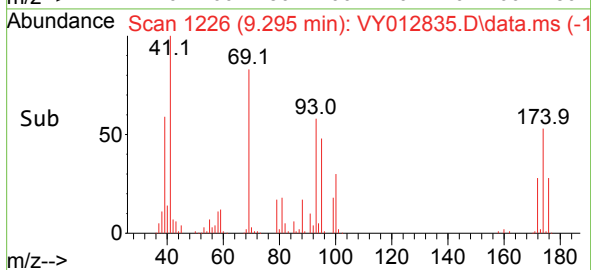
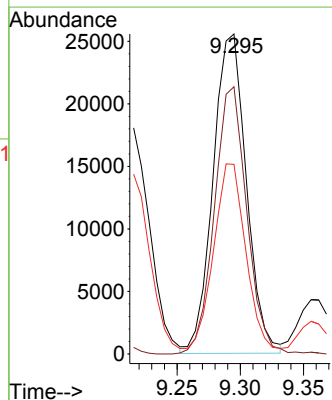
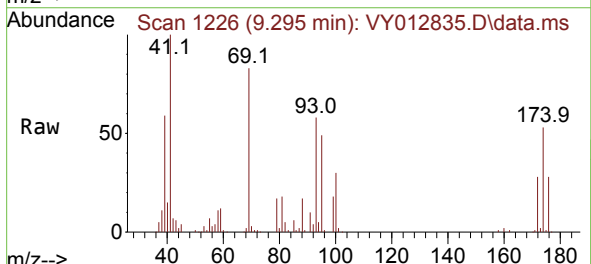
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

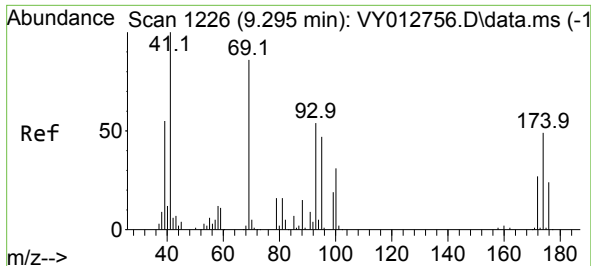
Tgt Ion: 83 Resp: 84532
Ion Ratio Lower Upper
83 100
85 64.0 50.2 75.4
127 8.9 6.3 9.5



#48
Methyl methacrylate
Concen: 56.405 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

Tgt Ion: 41 Resp: 46777
Ion Ratio Lower Upper
41 100
69 81.5 64.1 96.1
39 55.4 44.0 66.0





#49

1,4-Dioxane

Concen: 1235.573 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

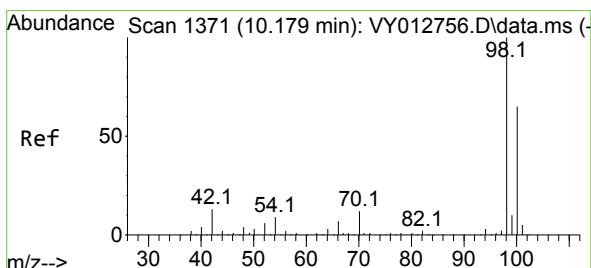
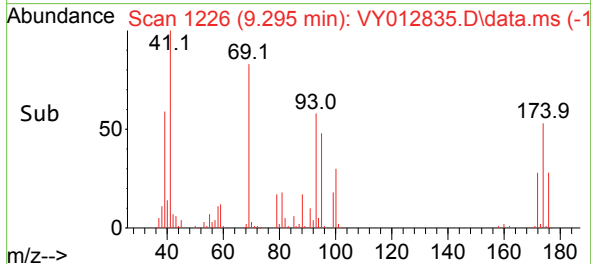
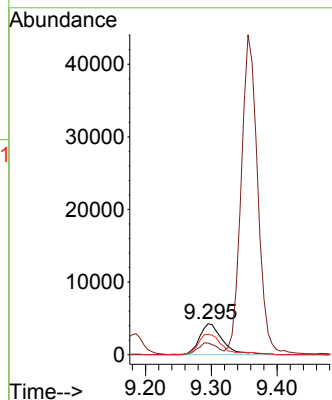
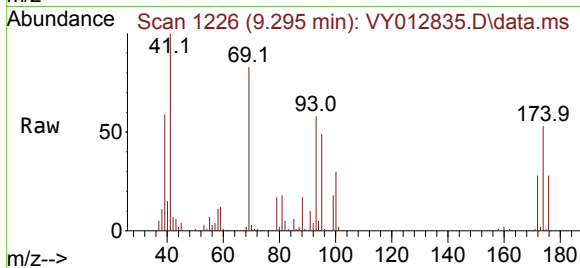
Tgt Ion: 88 Resp: 10412

Ion Ratio Lower Upper

88 100

43 33.3 28.6 42.8

58 66.4 55.2 82.8



#50

Toluene-d8

Concen: 48.087 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012835.D

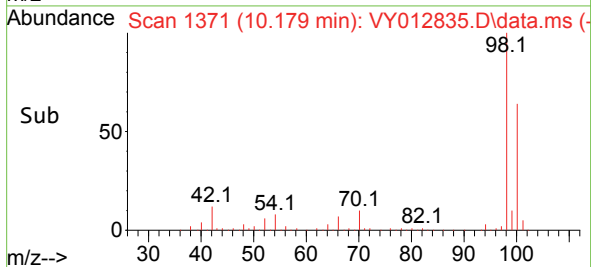
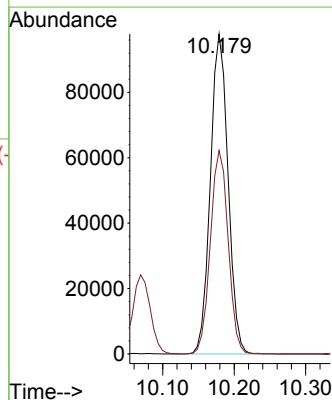
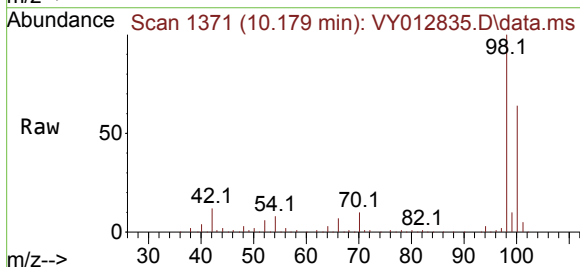
Acq: 06 Mar 2023 19:39

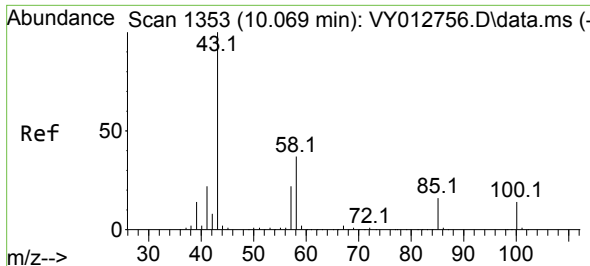
Tgt Ion: 98 Resp: 167902

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3

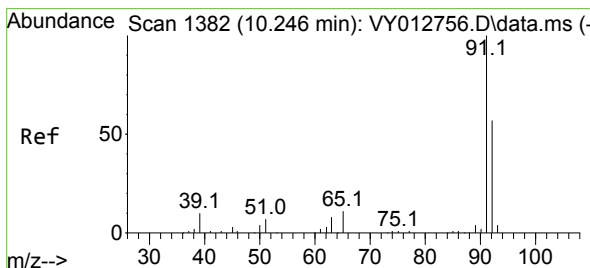
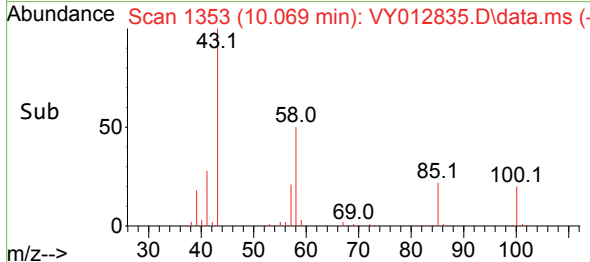
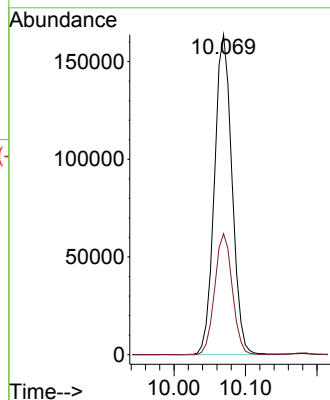
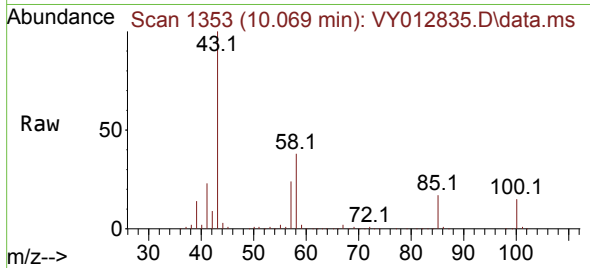




#51
4-Methyl-2-Pentanone
Concen: 286.353 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

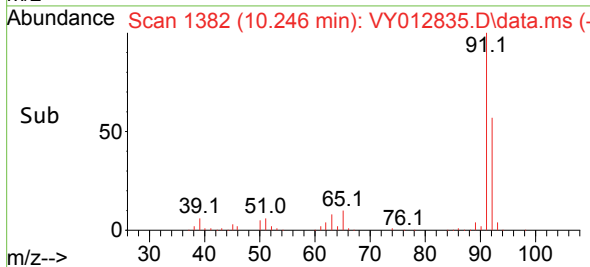
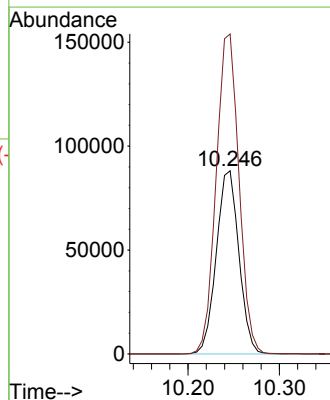
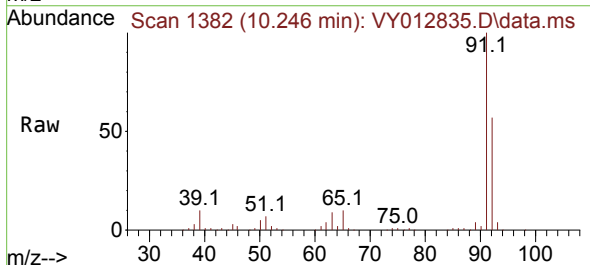
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

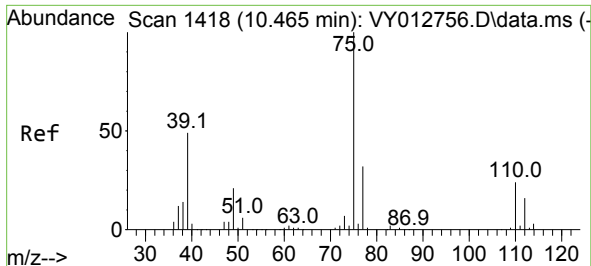
Tgt Ion: 43 Resp: 279559
Ion Ratio Lower Upper
43 100
58 37.8 29.8 44.6



#52
Toluene
Concen: 55.498 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

Tgt Ion: 92 Resp: 151532
Ion Ratio Lower Upper
92 100
91 176.4 141.3 211.9

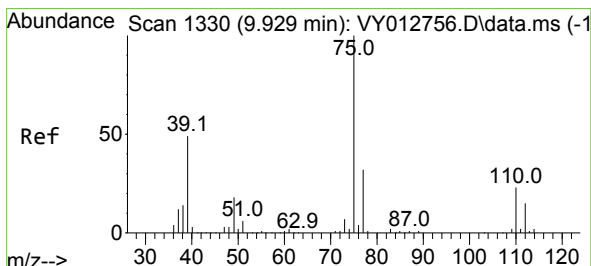
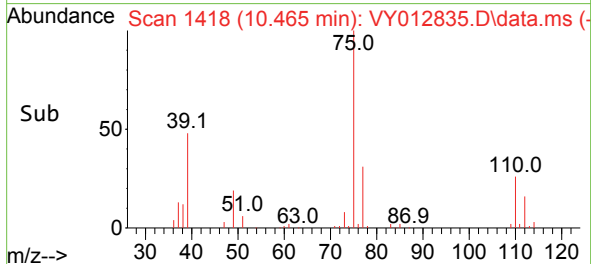
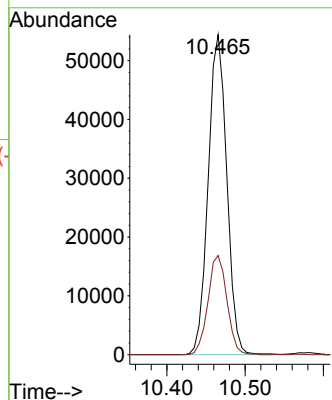
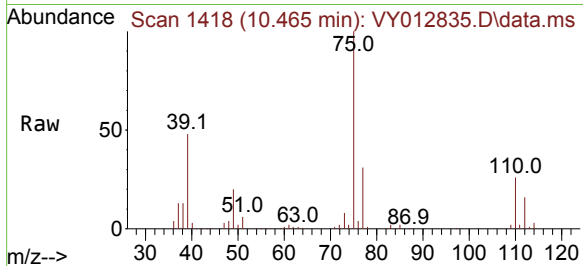




#53
t-1,3-Dichloropropene
Concen: 55.673 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

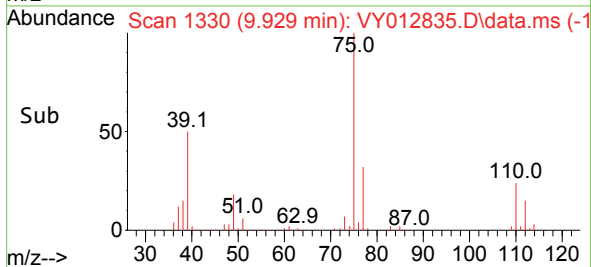
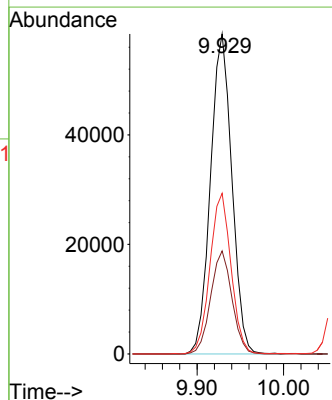
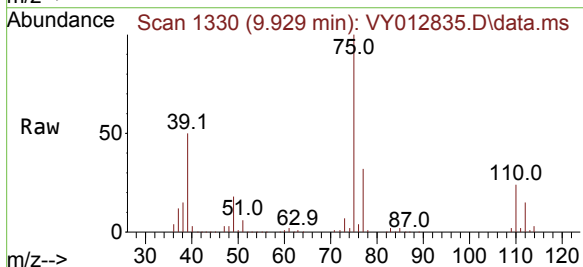
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

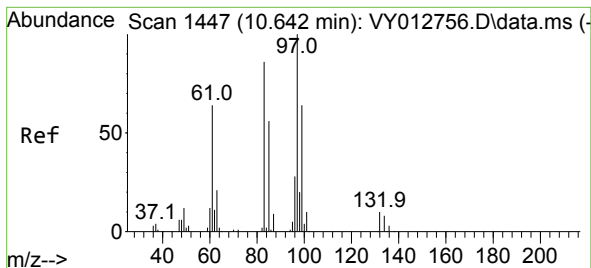
Tgt Ion: 75 Resp: 89702
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 54.842 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

Tgt Ion: 75 Resp: 100015
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
39 50.2 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 57.339 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 52053

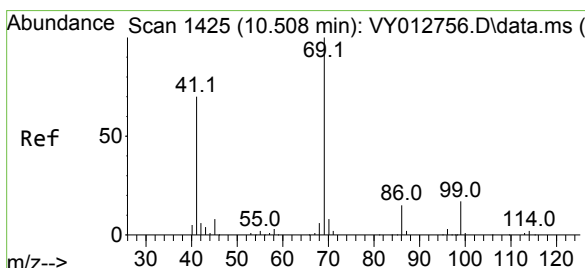
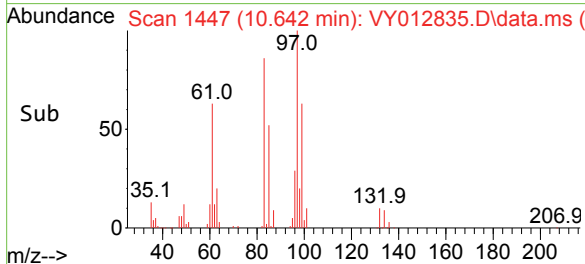
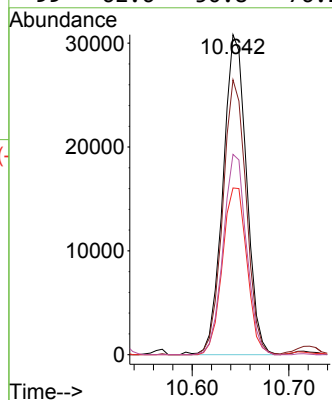
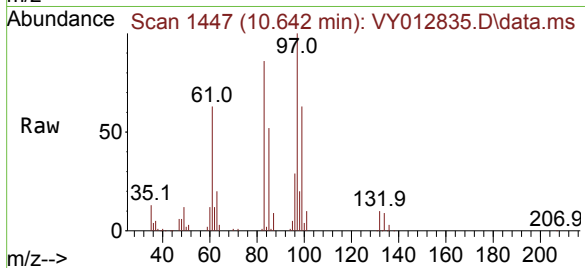
Ion Ratio Lower Upper

97 100

83 85.9 69.0 103.6

85 52.1 44.9 67.3

99 62.6 50.8 76.2



#56

Ethyl methacrylate

Concen: 58.533 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

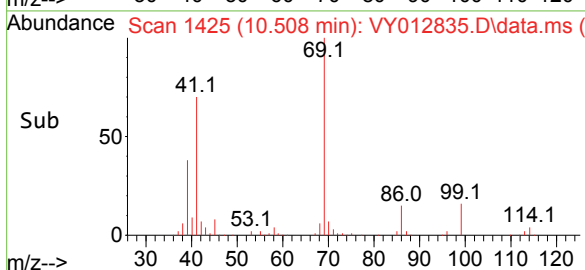
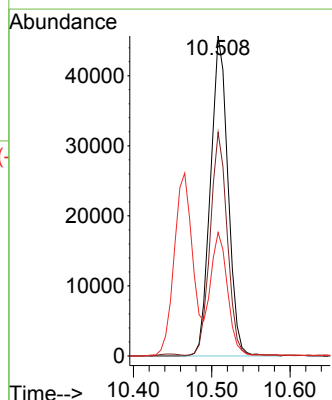
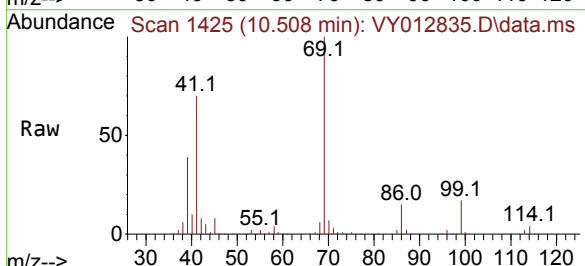
Tgt Ion: 69 Resp: 70852

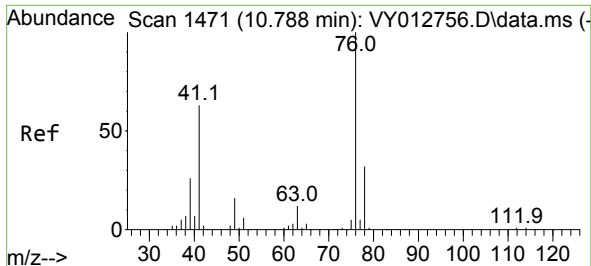
Ion Ratio Lower Upper

69 100

41 67.7 56.4 84.6

39 36.3 30.8 46.2





#57

1,3-Dichloropropane

Concen: 56.568 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

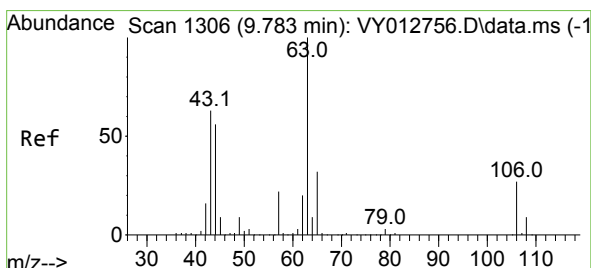
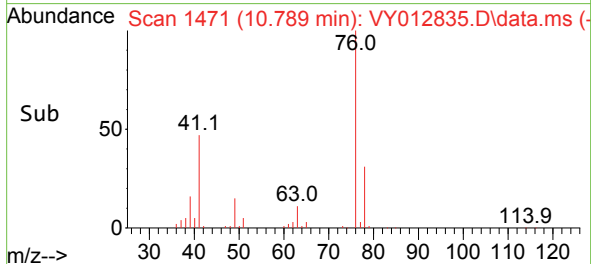
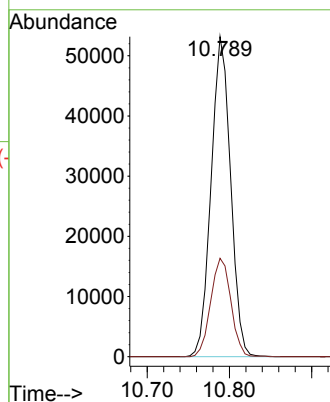
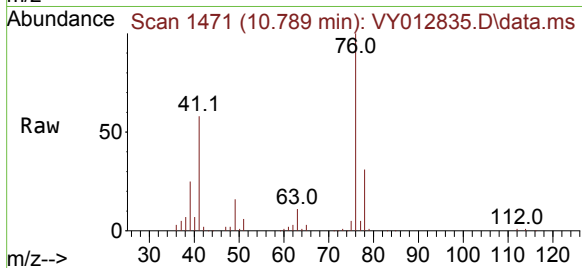
VSTDCCC050EC

Tgt Ion: 76 Resp: 87467

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 291.207 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012835.D

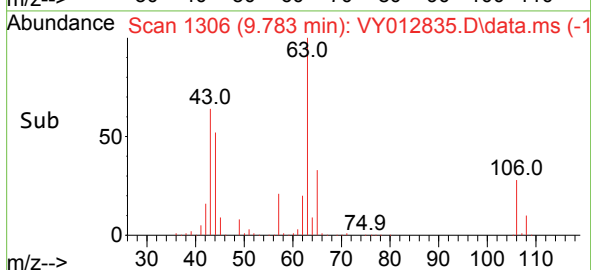
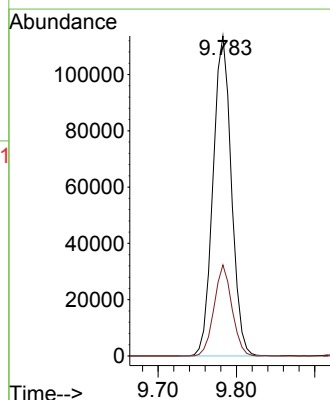
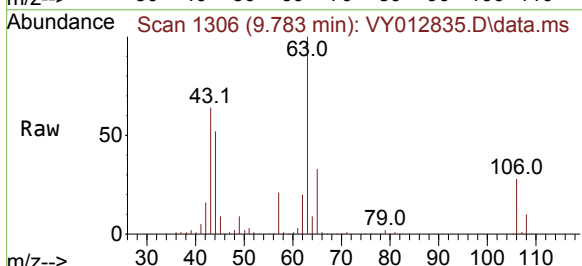
Acq: 06 Mar 2023 19:39

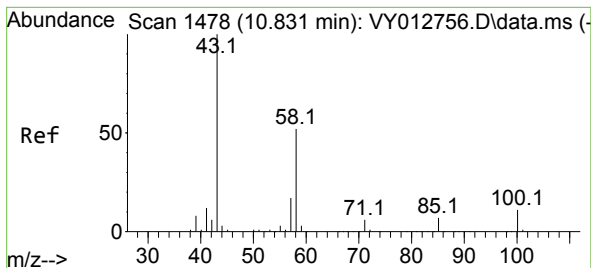
Tgt Ion: 63 Resp: 185045

Ion Ratio Lower Upper

63 100

106 27.6 22.1 33.1





#59

2-Hexanone

Concen: 290.019 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

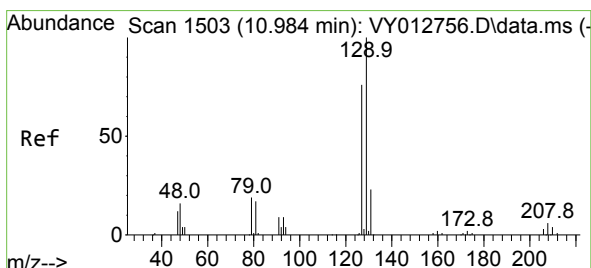
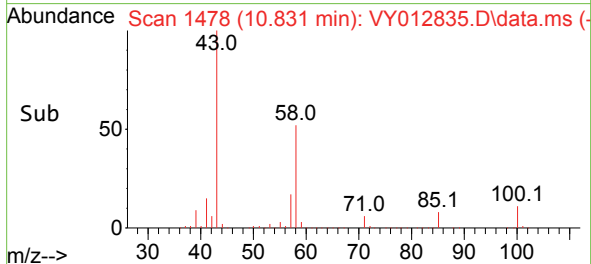
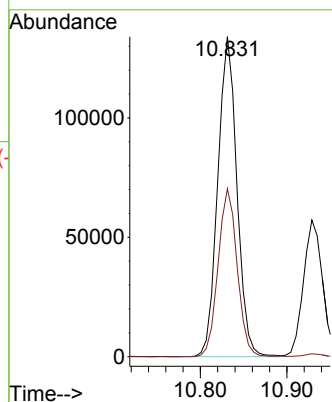
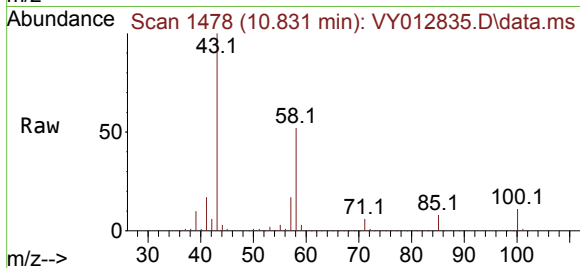
VSTDCCC050EC

Tgt Ion: 43 Resp: 205780

Ion Ratio Lower Upper

43 100

58 52.3 25.9 77.8



#60

Dibromochloromethane

Concen: 57.806 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY012835.D

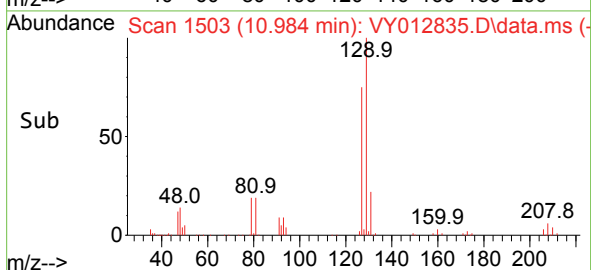
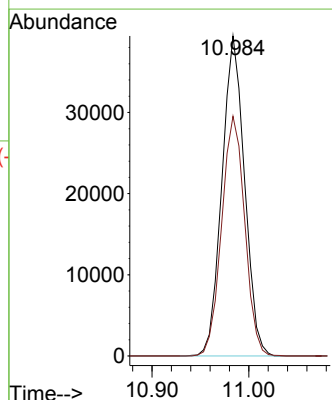
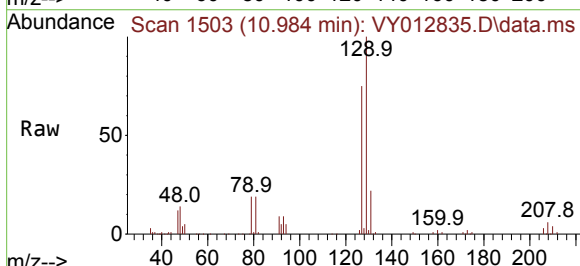
Acq: 06 Mar 2023 19:39

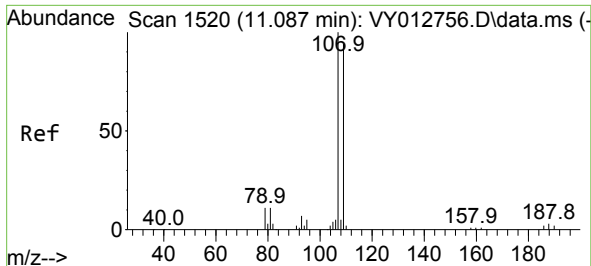
Tgt Ion: 129 Resp: 63879

Ion Ratio Lower Upper

129 100

127 76.4 38.7 116.1

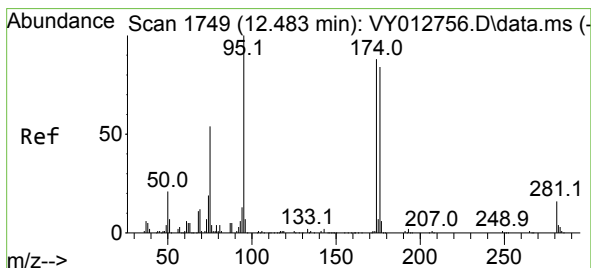
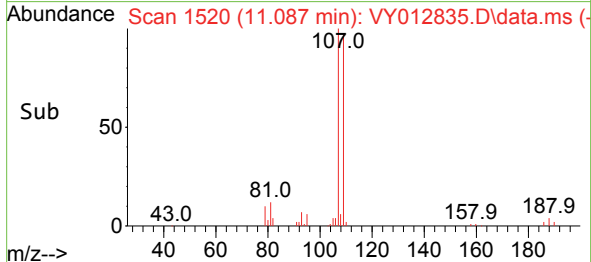
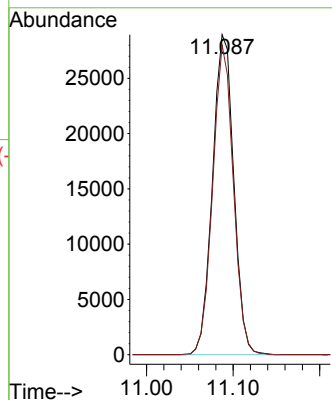
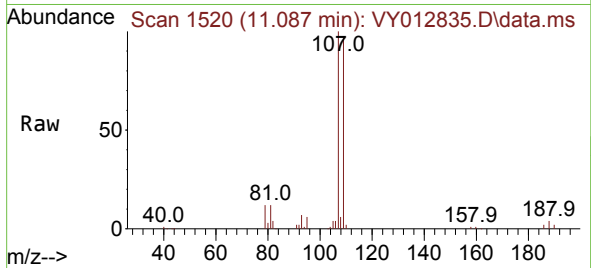




#61
1,2-Dibromoethane
Concen: 56.393 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

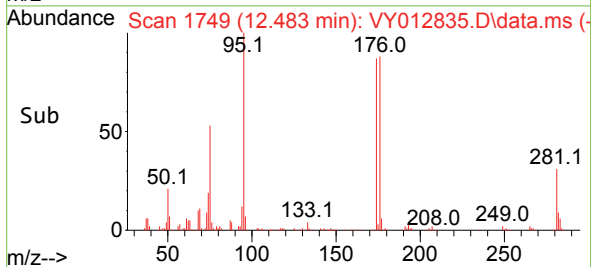
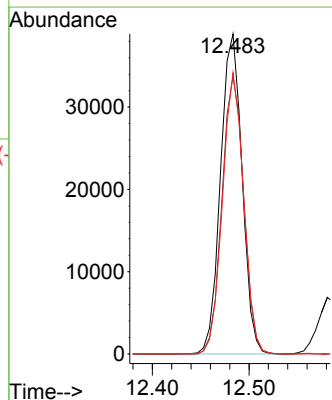
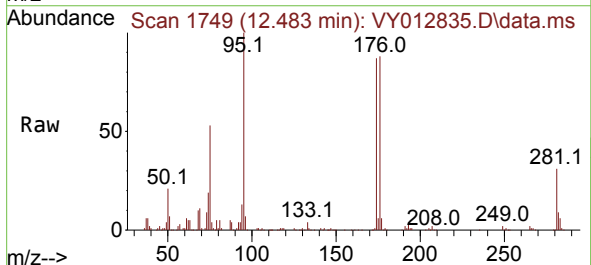
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

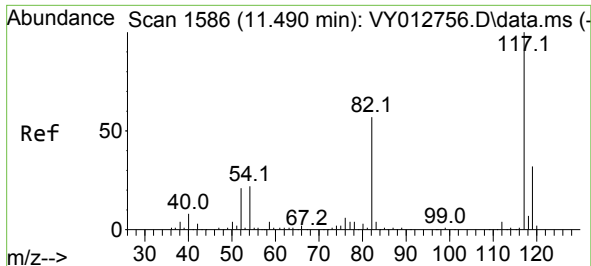
Tgt Ion:107 Resp: 49315
Ion Ratio Lower Upper
107 100
109 94.2 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 51.026 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

Tgt Ion: 95 Resp: 60135
Ion Ratio Lower Upper
95 100
174 87.5 0.0 176.6
176 86.1 0.0 170.2

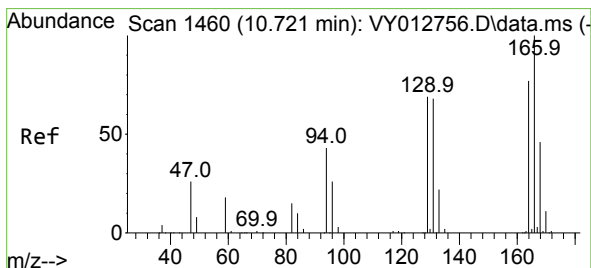
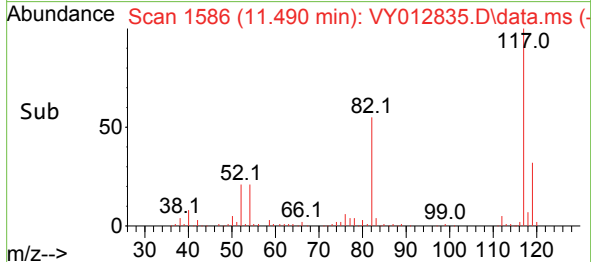
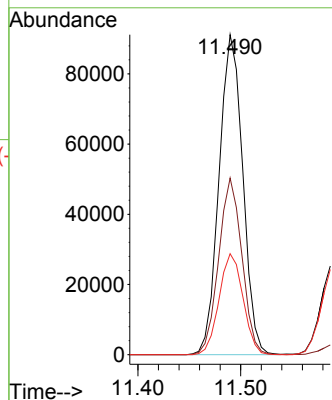
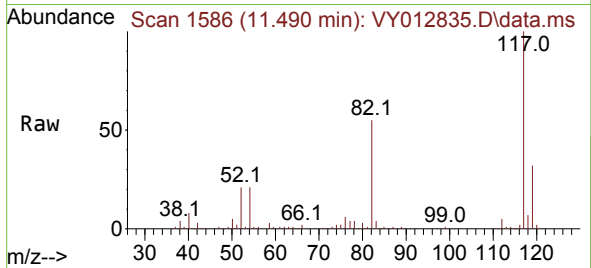




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

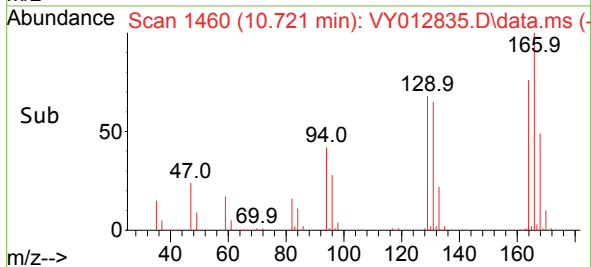
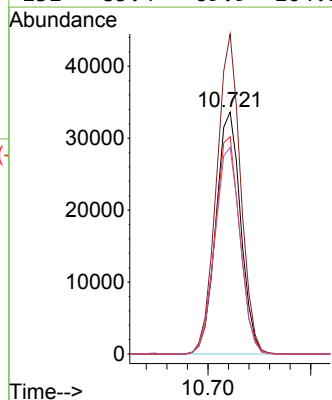
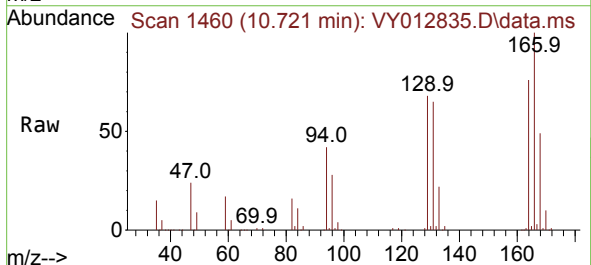
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

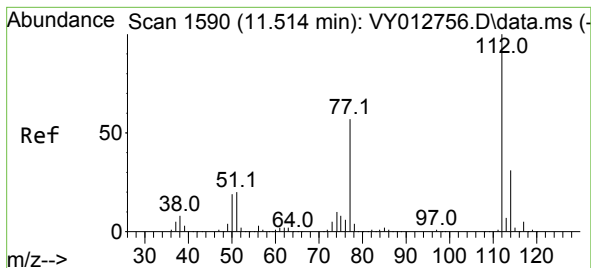
Tgt Ion:117 Resp: 146151
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.0
119 31.5 25.6 38.4



#64
Tetrachloroethene
Concen: 52.671 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

Tgt Ion:164 Resp: 56046
Ion Ratio Lower Upper
164 100
166 132.3 103.4 155.2
129 89.8 71.4 107.2
131 85.4 69.9 104.9

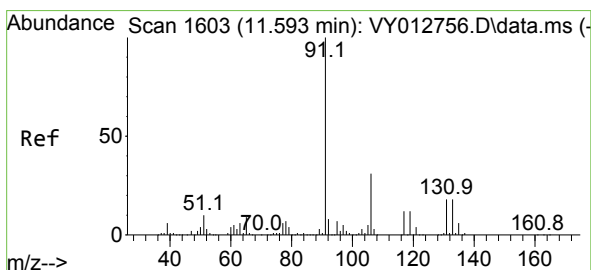
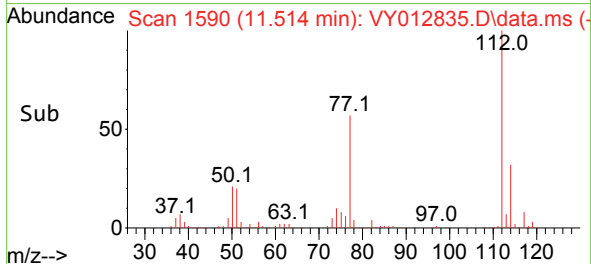
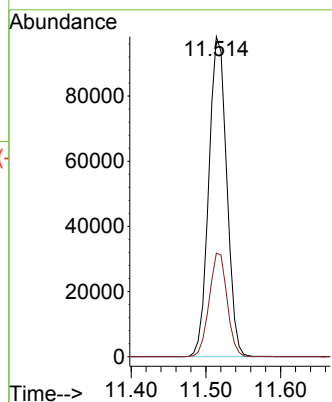
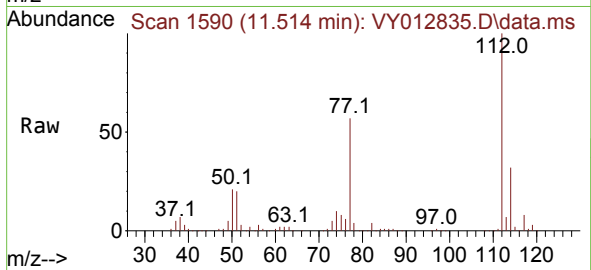




#65
Chlorobenzene
Concen: 53.304 ug/l
RT: 11.514 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

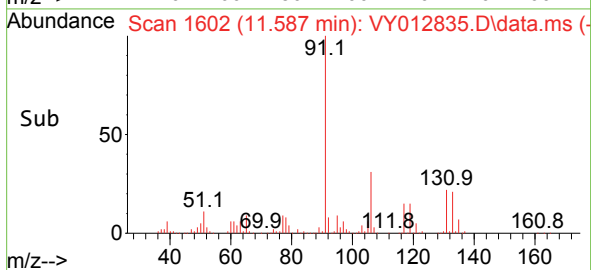
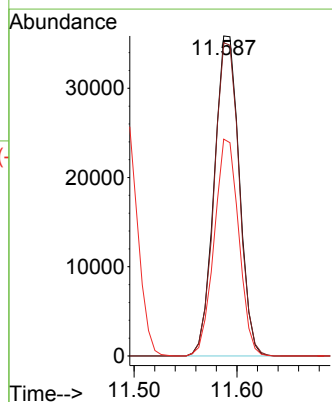
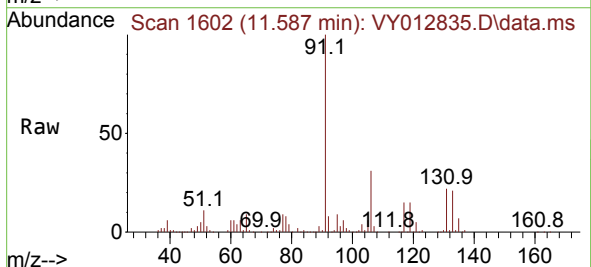
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

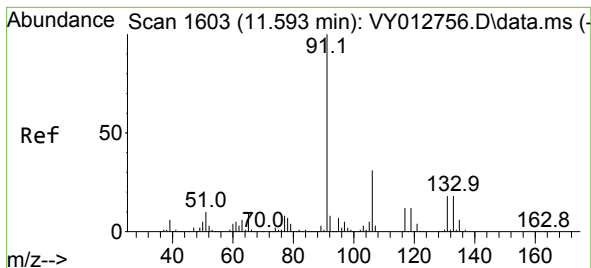
Tgt Ion:112 Resp: 163502
Ion Ratio Lower Upper
112 100
114 32.3 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.299 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

Tgt Ion:131 Resp: 60495
Ion Ratio Lower Upper
131 100
133 97.9 48.0 144.0
119 66.8 32.6 98.0





#67

Ethyl Benzene

Concen: 53.693 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

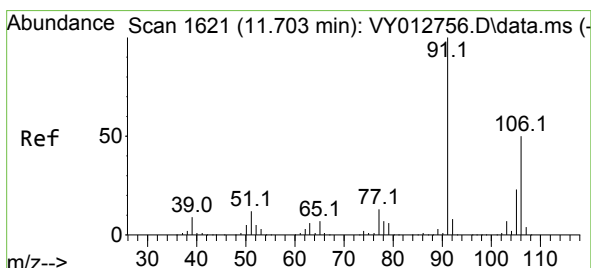
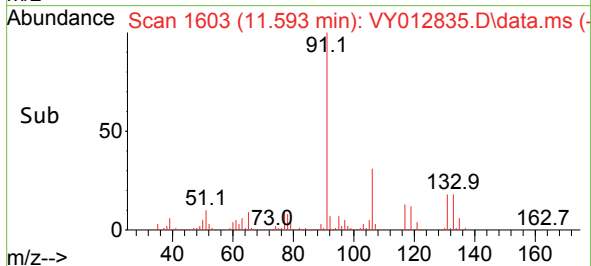
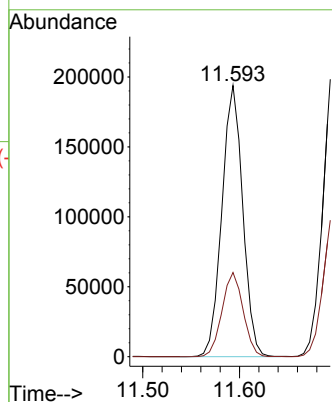
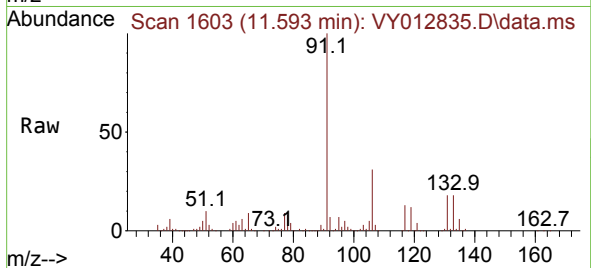
VSTDCCC050EC

Tgt Ion: 91 Resp: 289561

Ion Ratio Lower Upper

91 100

106 31.0 25.1 37.7



#68

m/p-Xylenes

Concen: 108.088 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY012835.D

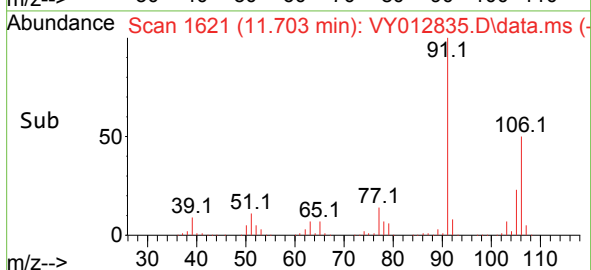
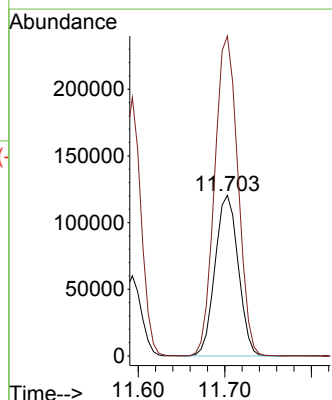
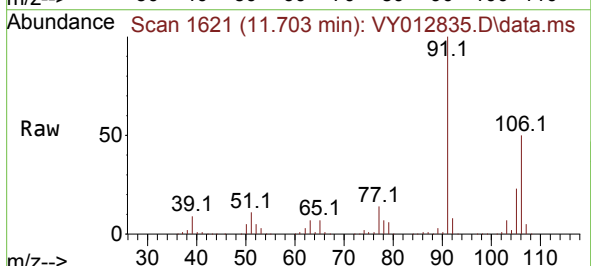
Acq: 06 Mar 2023 19:39

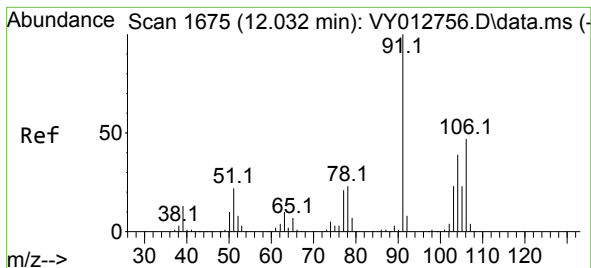
Tgt Ion:106 Resp: 224242

Ion Ratio Lower Upper

106 100

91 199.6 159.8 239.8





#69

o-Xylene

Concen: 54.583 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

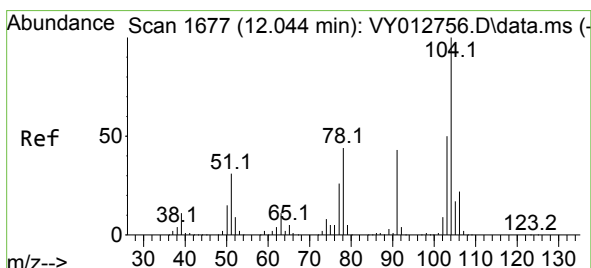
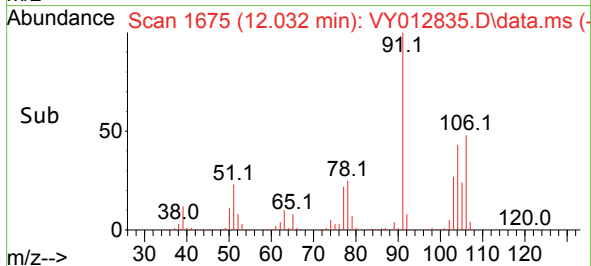
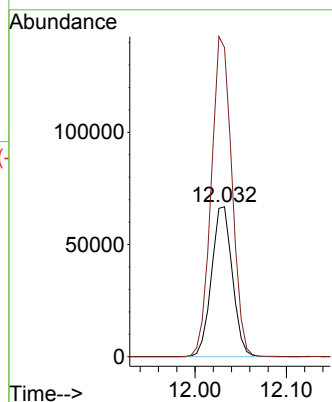
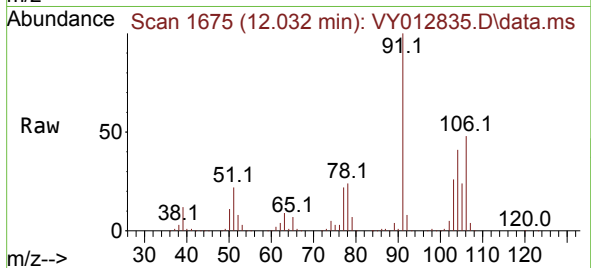
VSTDCCC050EC

Tgt Ion:106 Resp: 105684

Ion Ratio Lower Upper

106 100

91 211.7 107.2 321.6



#70

Styrene

Concen: 56.267 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

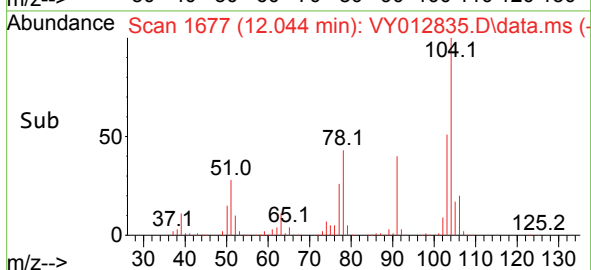
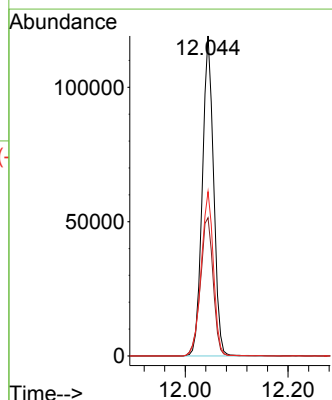
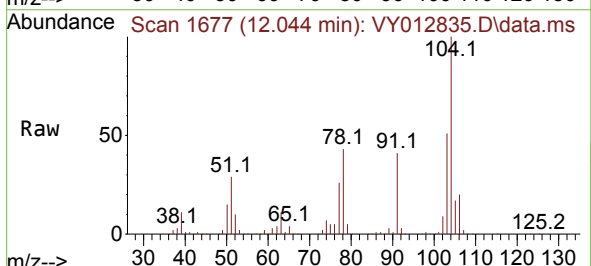
Tgt Ion:104 Resp: 181804

Ion Ratio Lower Upper

104 100

78 48.8 39.2 58.8

103 55.5 43.7 65.5





#71

Bromoform

Concen: 56.922 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

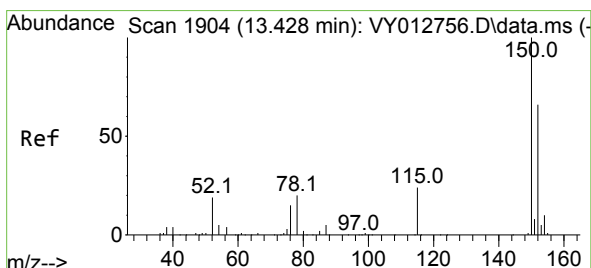
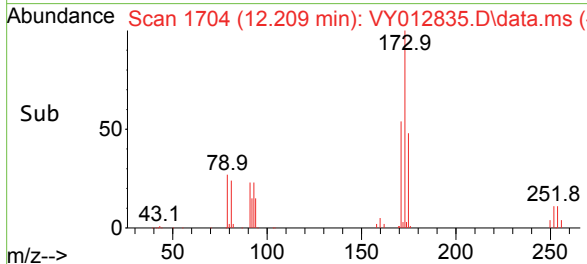
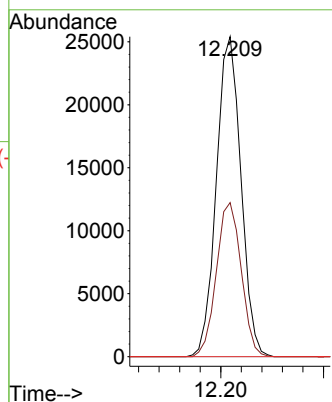
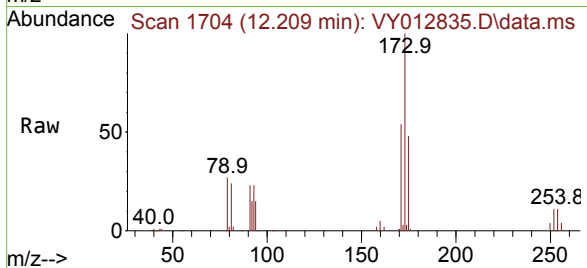
Tgt Ion:173 Resp: 42124

Ion Ratio Lower Upper

173 100

175 48.7 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

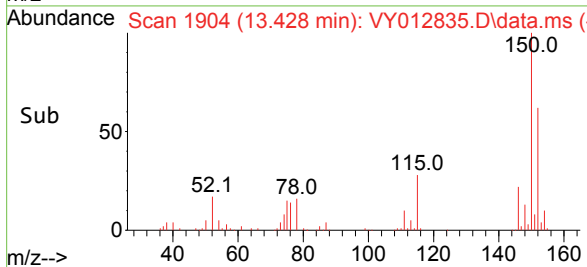
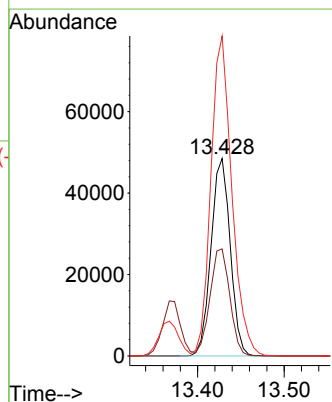
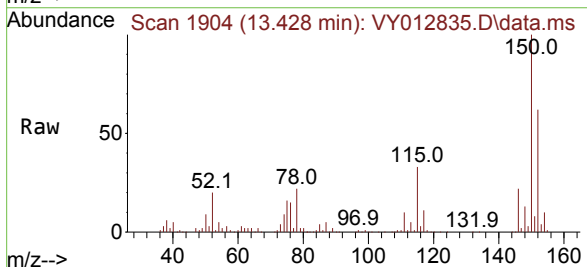
Tgt Ion:152 Resp: 74794

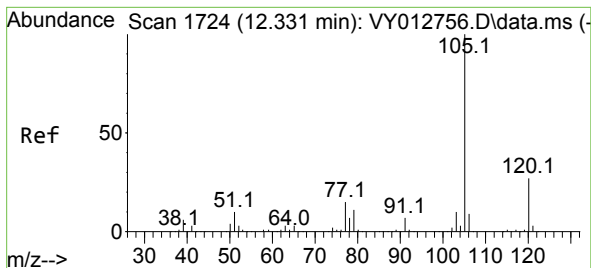
Ion Ratio Lower Upper

152 100

115 55.8 27.1 81.3

150 176.7 0.0 347.8





#73

Isopropylbenzene

Concen: 52.935 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

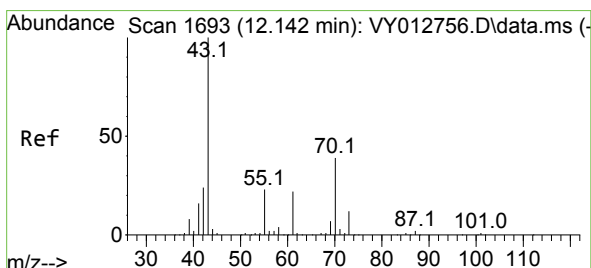
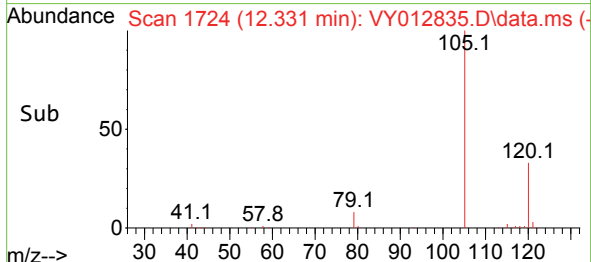
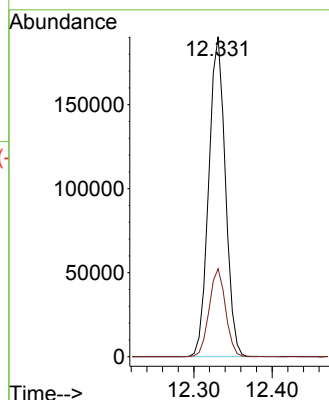
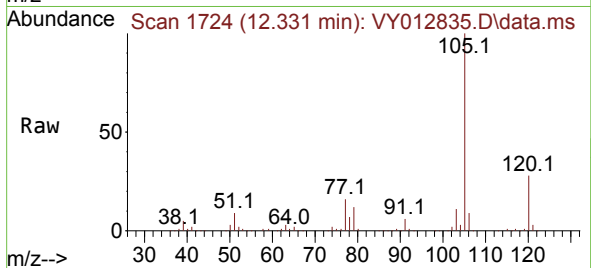
VSTDCCC050EC

Tgt Ion:105 Resp: 280593

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 52.972 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

Tgt Ion: 43 Resp: 88346

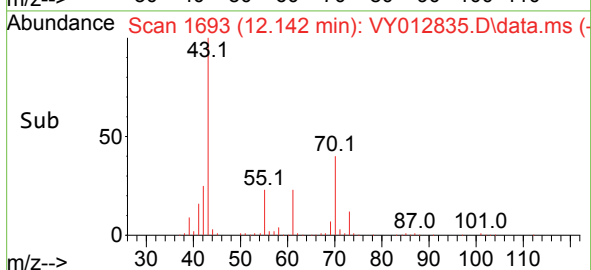
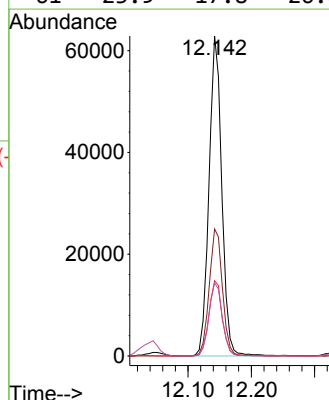
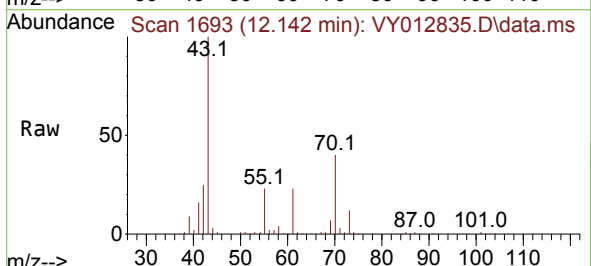
Ion Ratio Lower Upper

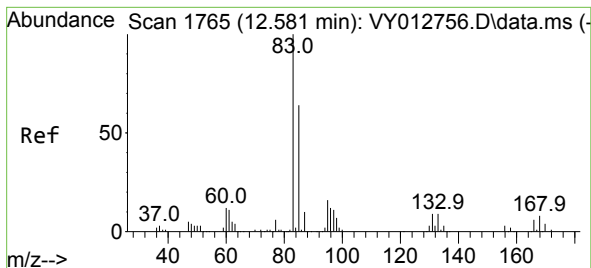
43 100

70 41.0 31.6 47.4

55 24.6 18.8 28.2

61 23.9 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 54.636 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

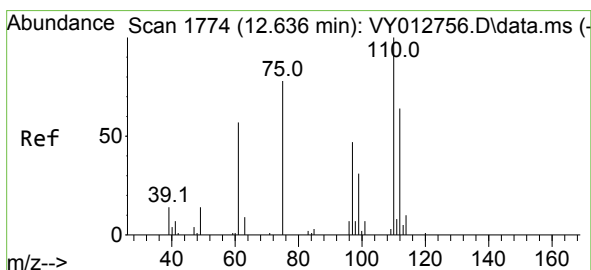
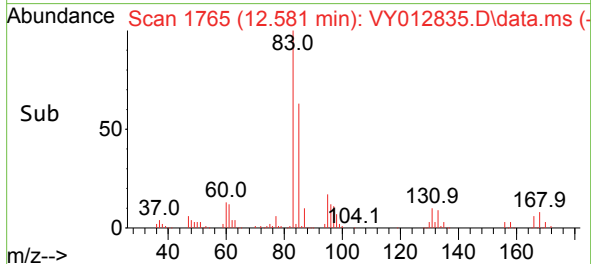
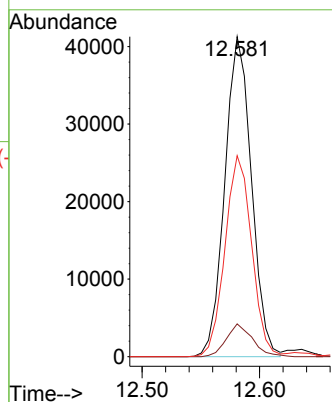
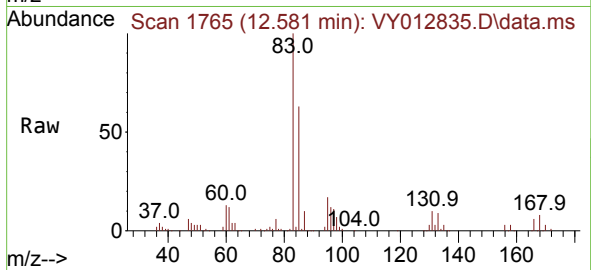
Tgt Ion: 83 Resp: 65102

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

85 63.1 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 92.297 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY012835.D

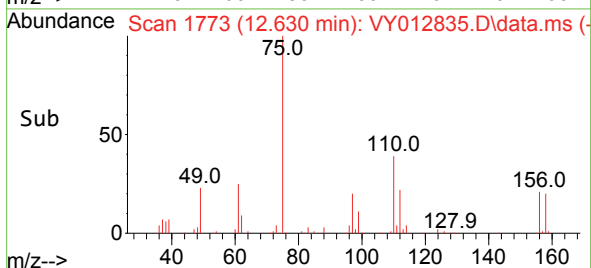
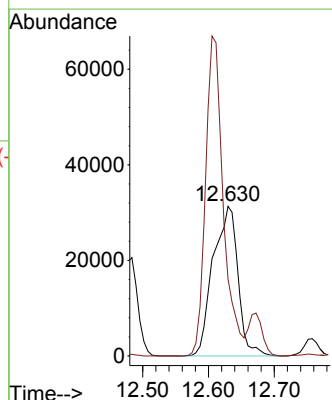
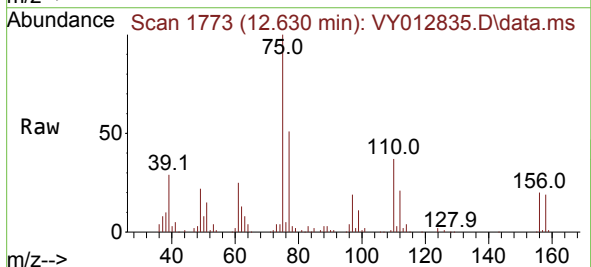
Acq: 06 Mar 2023 19:39

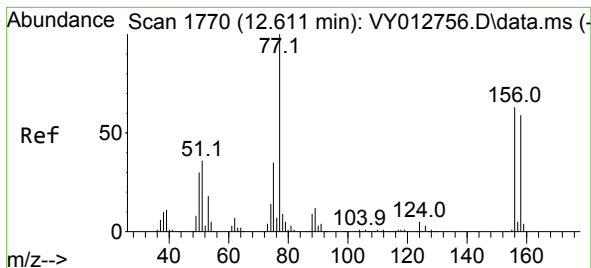
Tgt Ion: 75 Resp: 82436

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.461 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

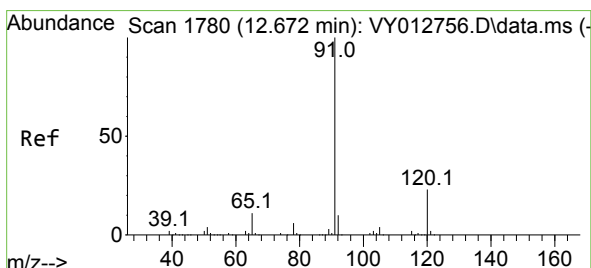
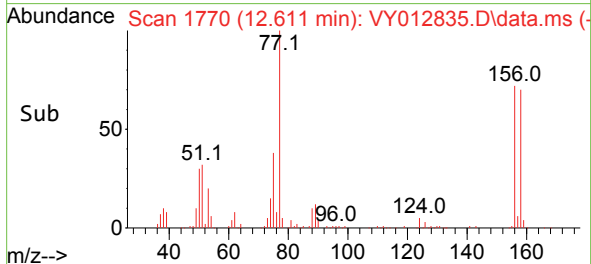
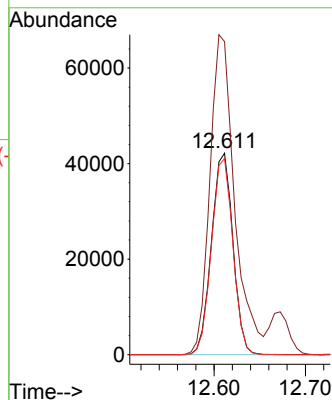
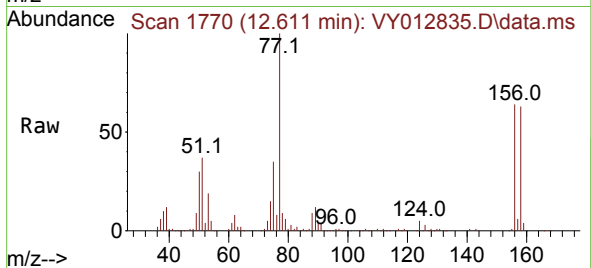
Tgt Ion:156 Resp: 68842

Ion Ratio Lower Upper

156 100

77 182.8 94.0 282.1

158 97.0 48.1 144.4



#78

n-propylbenzene

Concen: 52.908 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012835.D

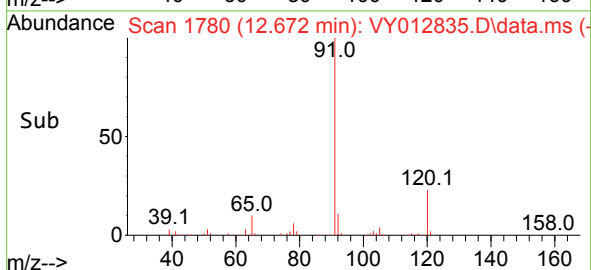
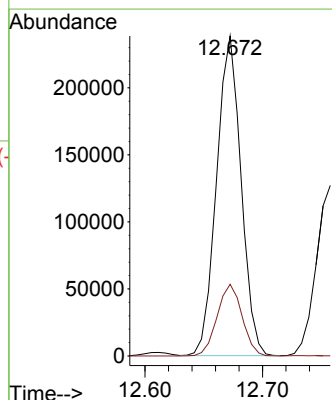
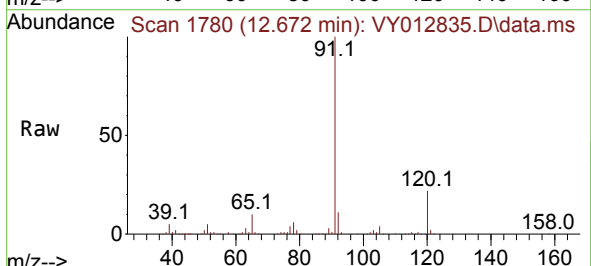
Acq: 06 Mar 2023 19:39

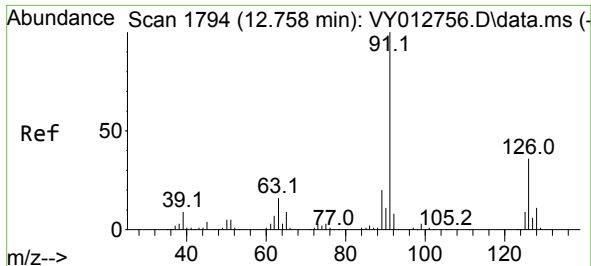
Tgt Ion: 91 Resp: 345763

Ion Ratio Lower Upper

91 100

120 22.7 11.6 34.8

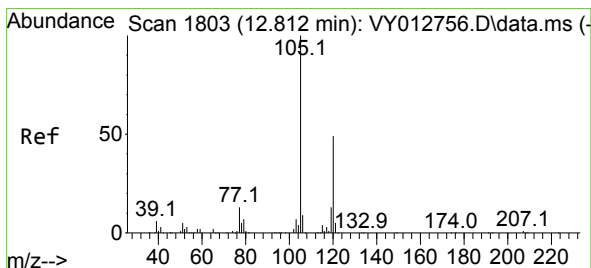
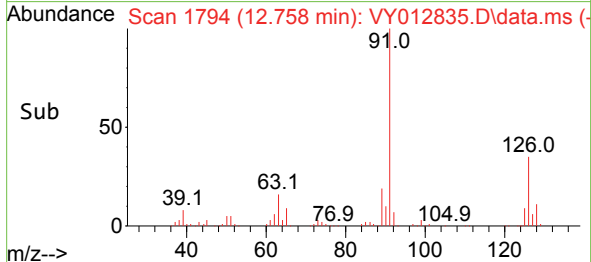
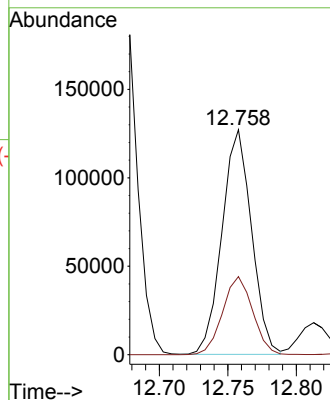
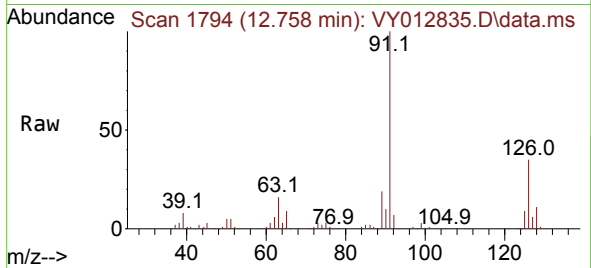




#79
2-Chlorotoluene
Concen: 52.564 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

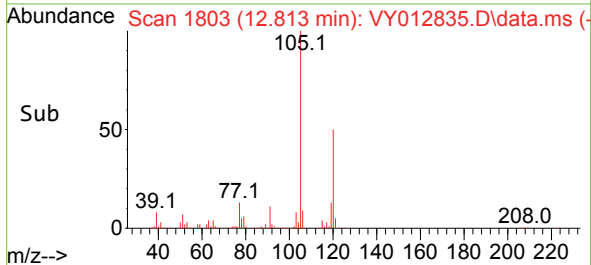
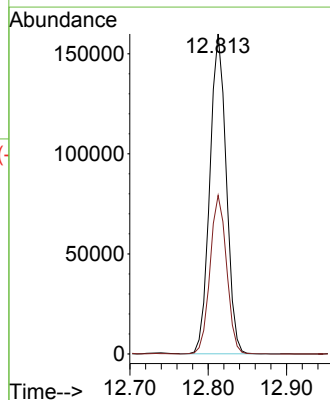
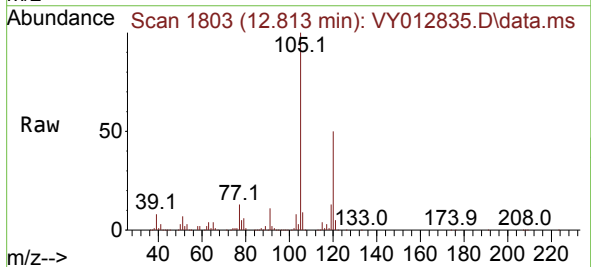
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 190921
Ion Ratio Lower Upper
91 100
126 35.4 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 53.144 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

Tgt Ion:105 Resp: 232475
Ion Ratio Lower Upper
105 100
120 49.9 24.8 74.4

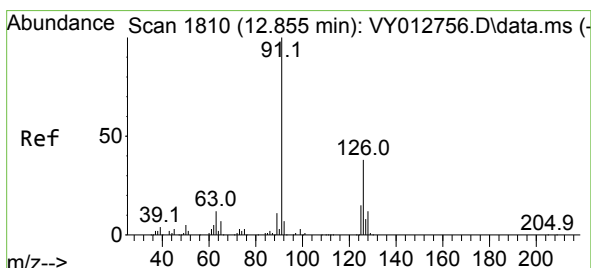
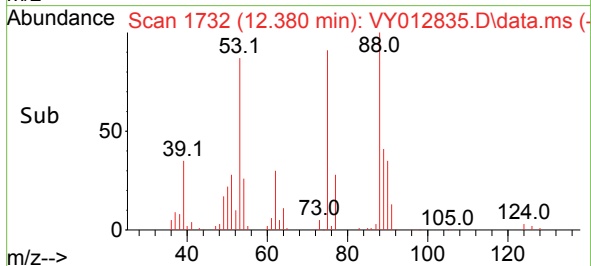
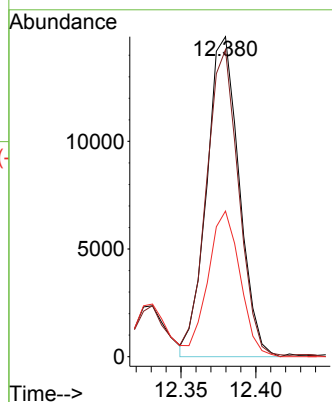
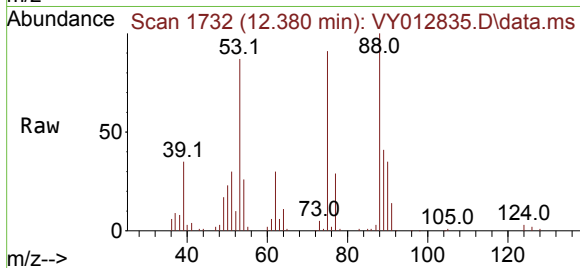




#81
trans-1,4-Dichloro-2-butene
Concen: 52.170 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

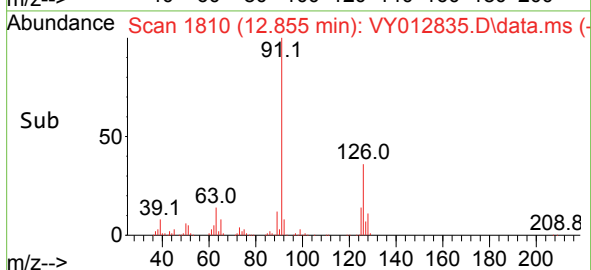
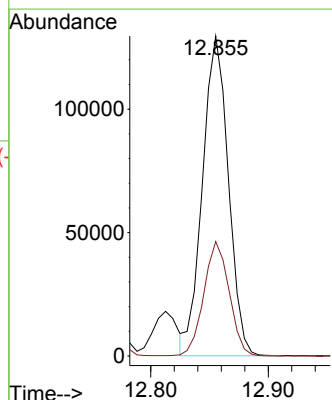
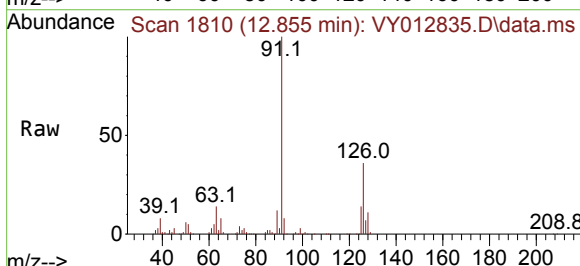
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

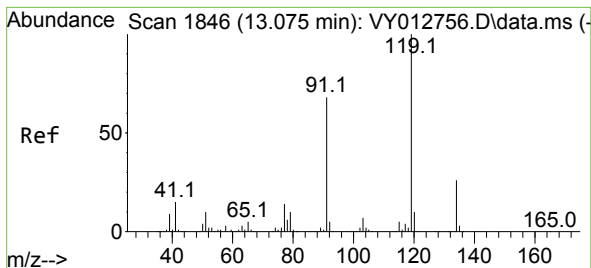
Tgt Ion:	75	Resp:	22488
Ion	Ratio	Lower	Upper
75	100		
53	94.7	73.4	110.0
89	44.4	36.6	55.0



#82
4-Chlorotoluene
Concen: 52.666 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012835.D
Acq: 06 Mar 2023 19:39

Tgt Ion:	91	Resp:	198014
Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.7	53.1





#83

tert-Butylbenzene

Concen: 53.513 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

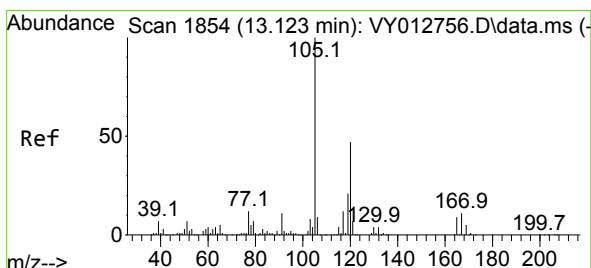
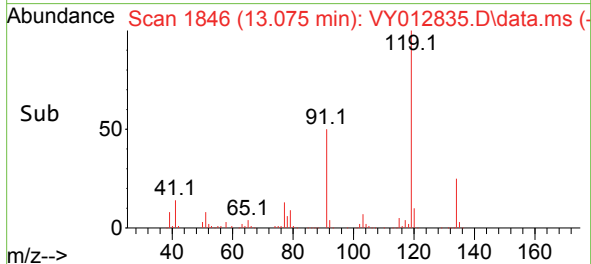
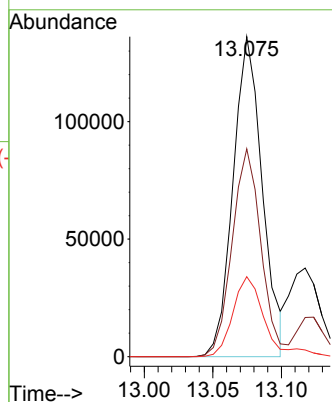
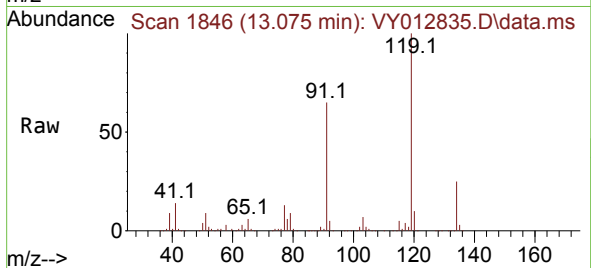
Tgt Ion:119 Resp: 202048

Ion Ratio Lower Upper

119 100

91 64.5 32.8 98.3

134 27.2 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 54.382 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY012835.D

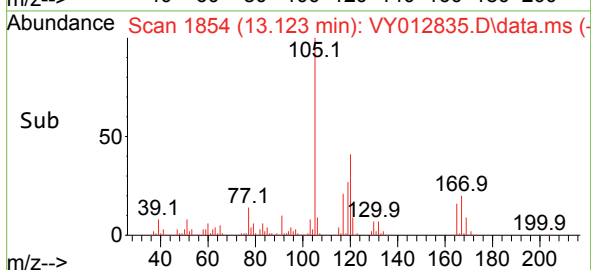
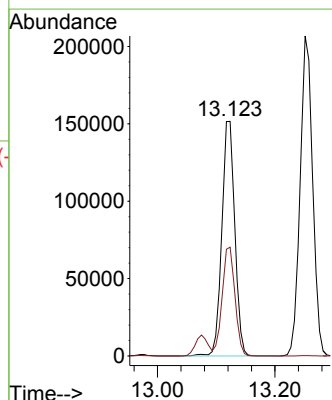
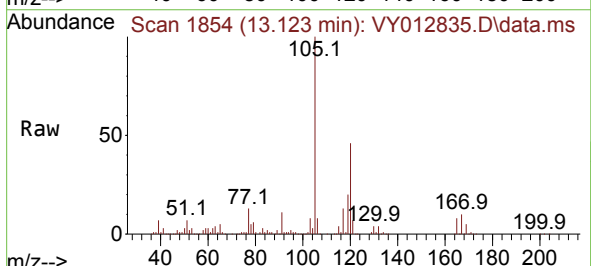
Acq: 06 Mar 2023 19:39

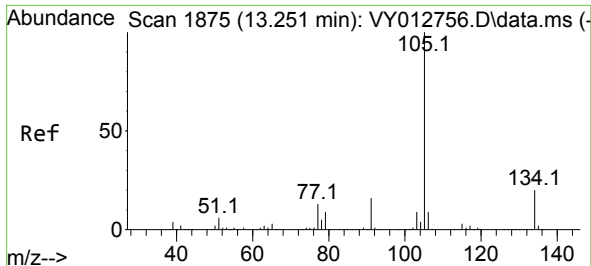
Tgt Ion:105 Resp: 232623

Ion Ratio Lower Upper

105 100

120 45.7 23.0 69.0

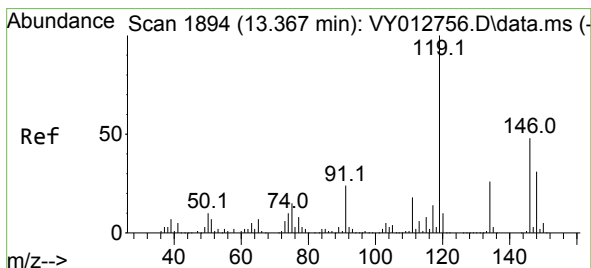
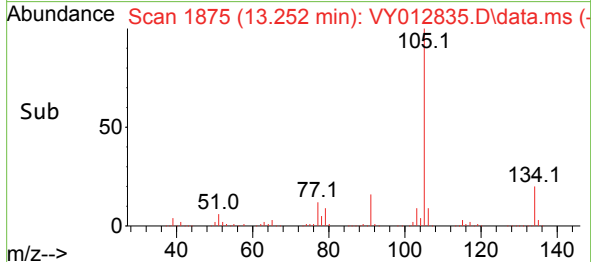
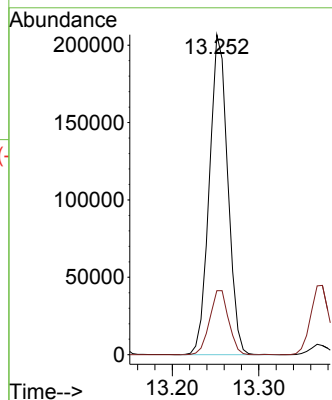
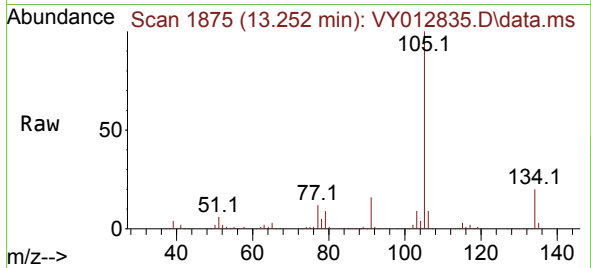




#85
 sec-Butylbenzene
 Concen: 53.006 ug/l
 RT: 13.252 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY012835.D
 Acq: 06 Mar 2023 19:39

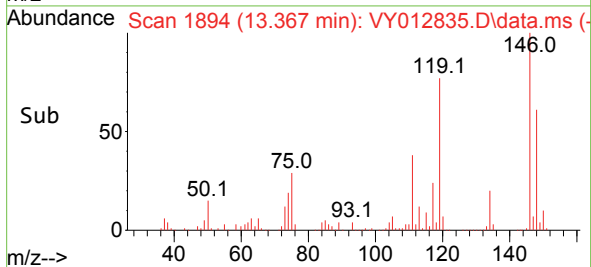
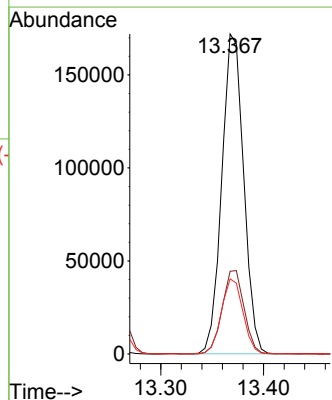
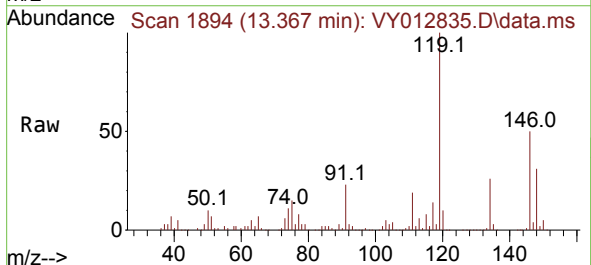
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

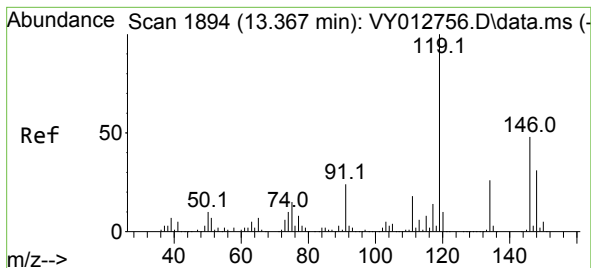
Tgt Ion:105 Resp: 305317
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 53.930 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY012835.D
 Acq: 06 Mar 2023 19:39

Tgt Ion:119 Resp: 253882
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.6
 91 23.1 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 53.682 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

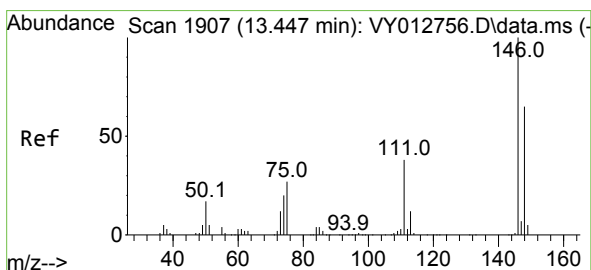
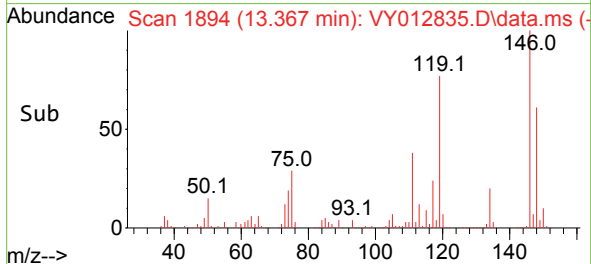
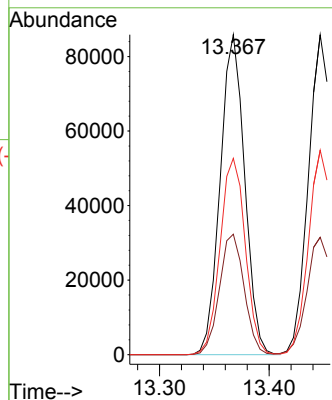
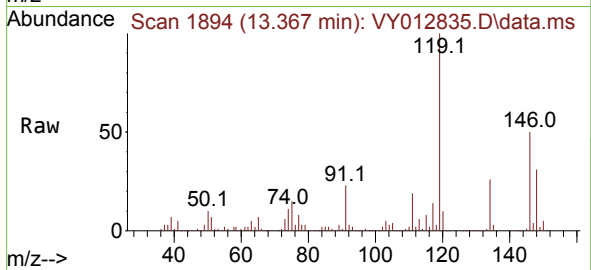
Tgt Ion:146 Resp: 133325

Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.5

148 63.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 52.219 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

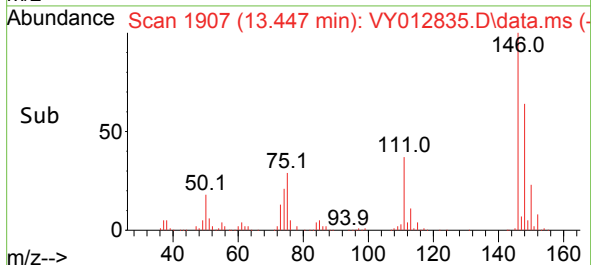
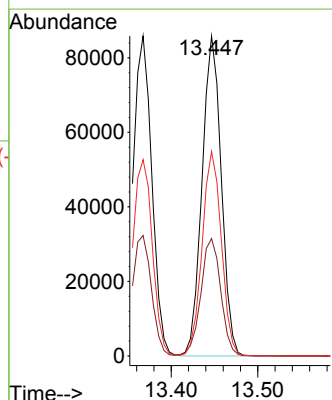
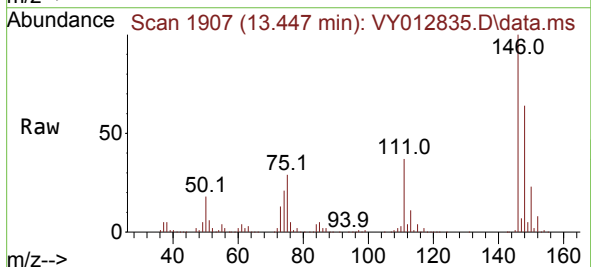
Tgt Ion:146 Resp: 132363

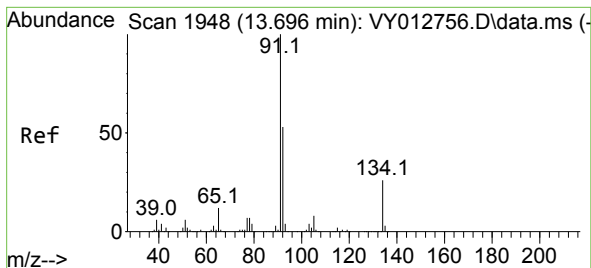
Ion Ratio Lower Upper

146 100

111 38.0 18.6 55.8

148 64.0 31.5 94.5





#89

n-Butylbenzene

Concen: 52.442 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

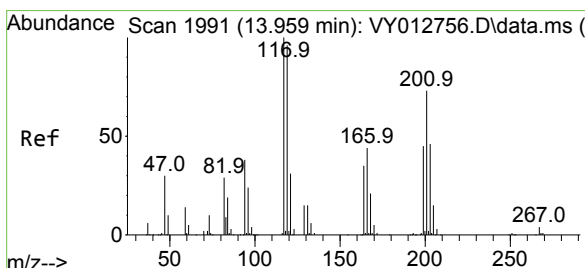
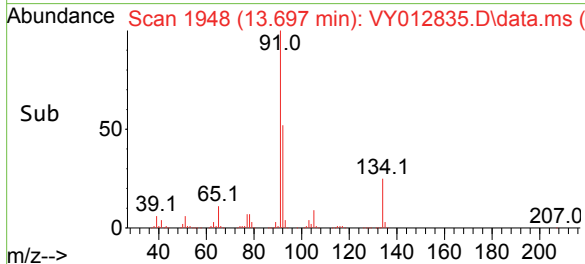
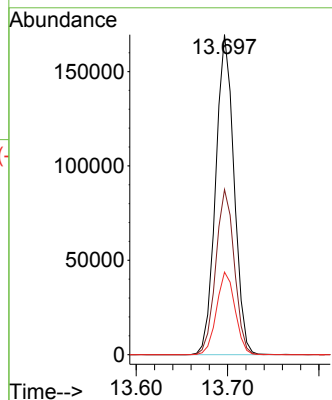
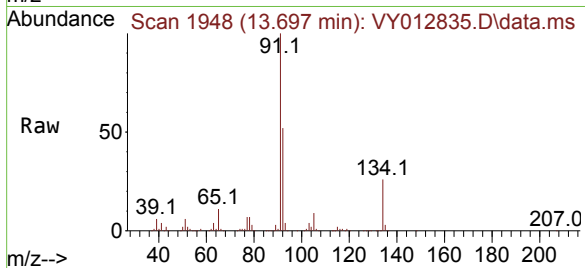
Tgt Ion: 91 Resp: 236340

Ion Ratio Lower Upper

91 100

92 52.2 26.4 79.0

134 26.1 13.0 38.9



#90

Hexachloroethane

Concen: 51.953 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY012835.D

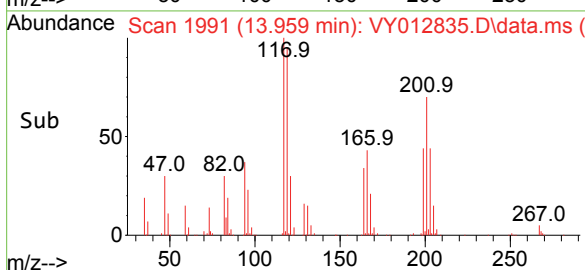
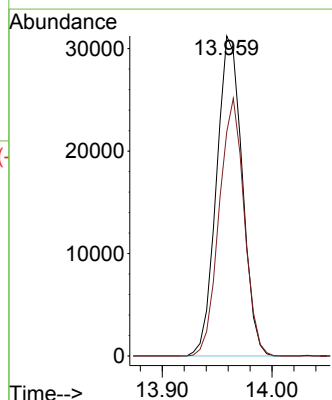
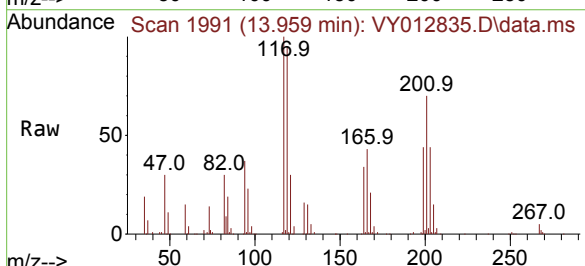
Acq: 06 Mar 2023 19:39

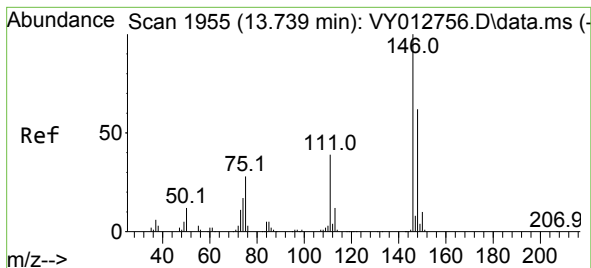
Tgt Ion: 117 Resp: 50940

Ion Ratio Lower Upper

117 100

201 78.0 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 54.548 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

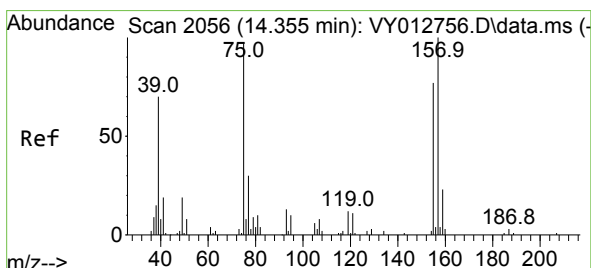
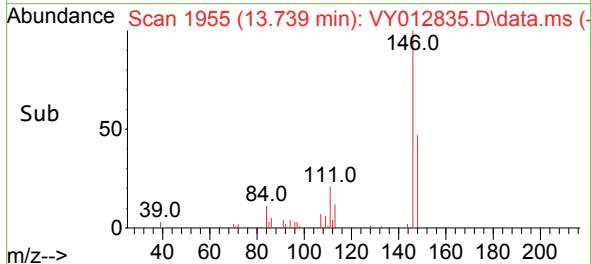
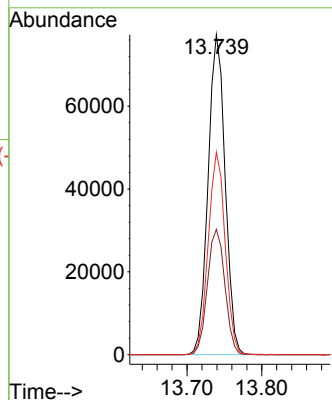
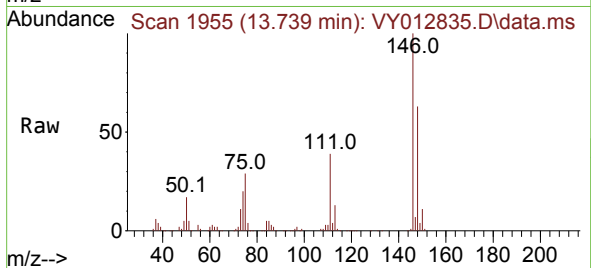
Tgt Ion:146 Resp: 122463

Ion Ratio Lower Upper

146 100

111 40.0 19.7 59.1

148 62.8 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.241 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

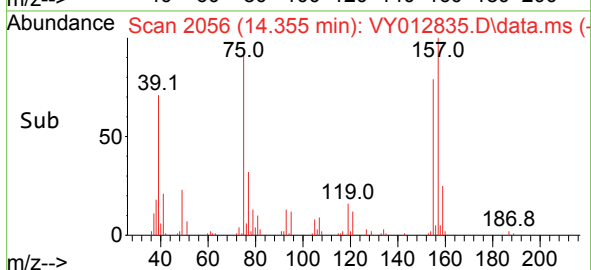
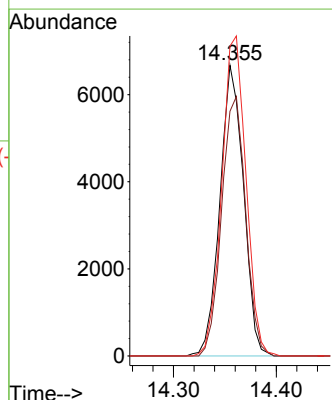
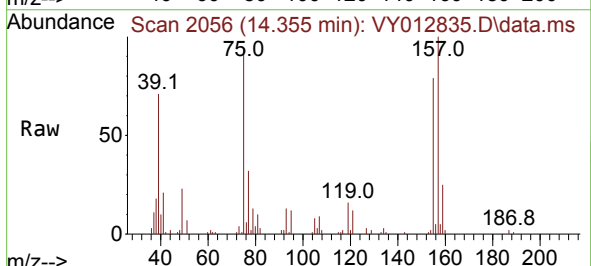
Tgt Ion: 75 Resp: 10638

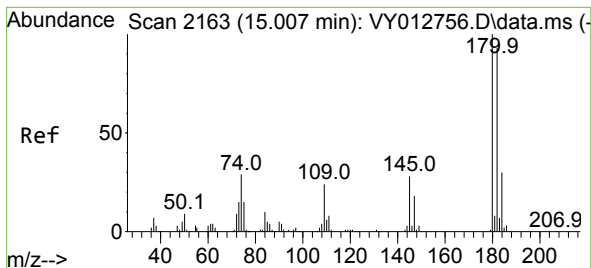
Ion Ratio Lower Upper

75 100

155 90.8 43.8 131.4

157 112.8 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 52.982 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

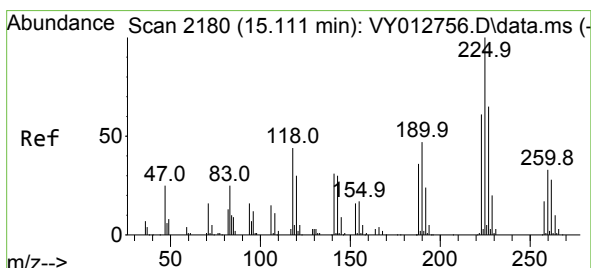
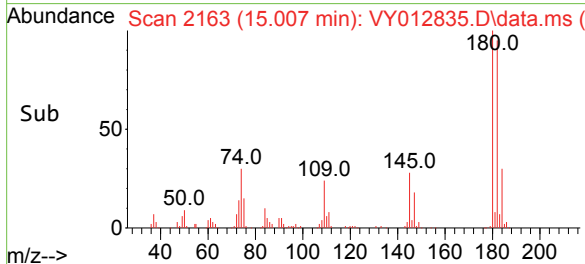
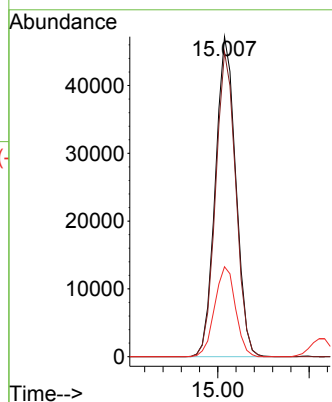
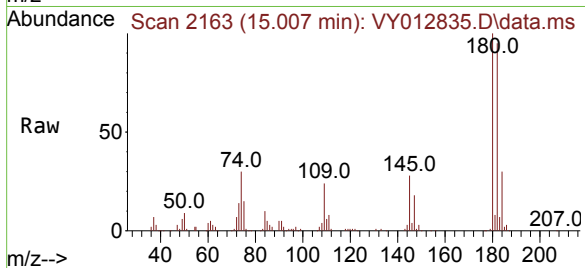
Tgt Ion:180 Resp: 73237

Ion Ratio Lower Upper

180 100

182 94.3 46.7 140.1

145 28.7 14.6 43.8



#94

Hexachlorobutadiene

Concen: 50.730 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

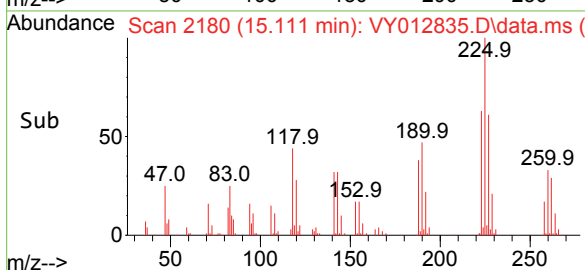
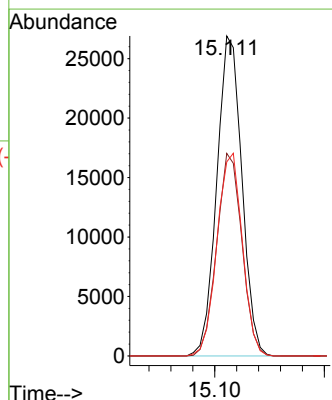
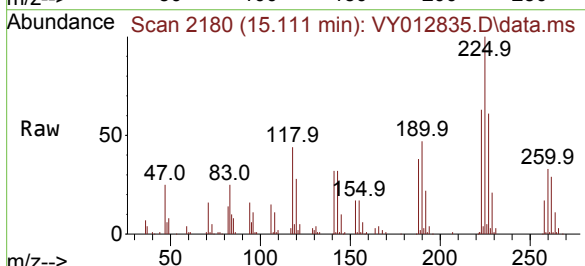
Tgt Ion:225 Resp: 42770

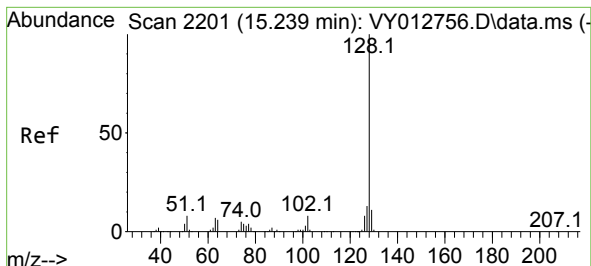
Ion Ratio Lower Upper

225 100

223 63.4 31.1 93.3

227 64.1 32.4 97.0





#95

Naphthalene

Concen: 56.899 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

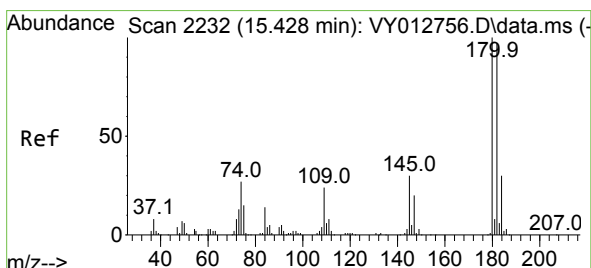
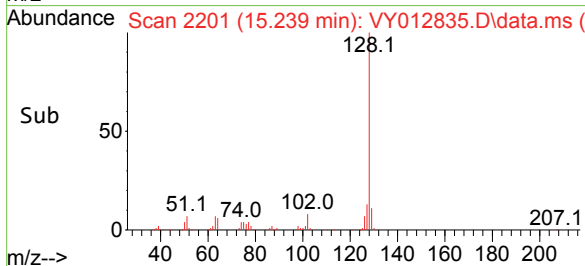
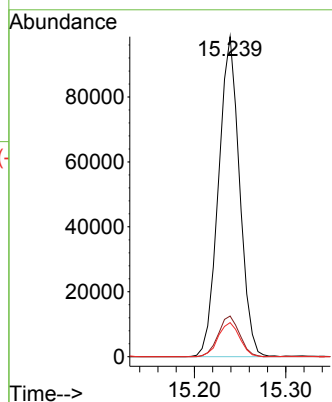
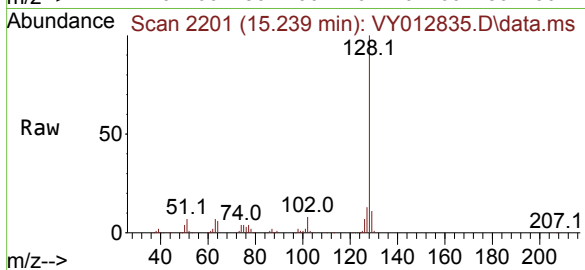
Tgt Ion:128 Resp: 157611

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.407 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY012835.D

Acq: 06 Mar 2023 19:39

Tgt Ion:180 Resp: 65657

Ion Ratio Lower Upper

180 100

182 93.4 47.4 142.3

145 31.5 15.3 45.8

