

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012860.D
 Acq On : 08 Mar 2023 10:27
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 09 00:31:47 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	102732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	151341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	138704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73858	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	44173	43.307	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.620%
35) Dibromofluoromethane	7.722	113	43882	48.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.100%
50) Toluene-d8	10.179	98	153064	45.841	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.680%
62) 4-Bromofluorobenzene	12.483	95	54110	48.013	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	44767	44.211	ug/l	99
3) Chloromethane	2.113	50	52567	43.425	ug/l	97
4) Vinyl Chloride	2.253	62	51605	46.489	ug/l	99
5) Bromomethane	2.656	94	33404	49.524	ug/l	95
6) Chloroethane	2.796	64	33563	50.486	ug/l	97
7) Trichlorofluoromethane	3.131	101	89276	48.423	ug/l	99
8) Diethyl Ether	3.528	74	30722	47.551	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	53275	48.029	ug/l	97
10) Methyl Iodide	4.095	142	70787	48.978	ug/l	98
11) Tert butyl alcohol	4.948	59	26651	225.200	ug/l	99
12) 1,1-Dichloroethene	3.881	96	50772	47.993	ug/l	96
13) Acrolein	3.735	56	35886	200.814	ug/l	98
14) Allyl chloride	4.485	41	87145	44.595	ug/l	97
15) Acrylonitrile	5.168	53	82114	241.213	ug/l	99
16) Acetone	3.948	43	101011	252.303	ug/l	100
17) Carbon Disulfide	4.198	76	166092	46.125	ug/l	99
18) Methyl Acetate	4.479	43	54647	45.835	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	134704	49.296	ug/l	100
20) Methylene Chloride	4.716	84	61211	50.116	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	57105	49.672	ug/l	96
22) Diisopropyl ether	6.119	45	171468	48.310	ug/l	95
23) Vinyl Acetate	6.058	43	536481	243.264	ug/l	99
24) 1,1-Dichloroethane	6.021	63	96838	47.880	ug/l	100
25) 2-Butanone	6.984	43	120268	242.537	ug/l	98
26) 2,2-Dichloropropane	6.984	77	87176	48.530	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	62334	50.573	ug/l	97
28) Bromochloromethane	7.338	49	35640	48.220	ug/l	94
29) Tetrahydrofuran	7.350	42	72806	243.440	ug/l	97
30) Chloroform	7.509	83	103246	51.681	ug/l	97
31) Cyclohexane	7.789	56	85616	43.828	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	90269	49.965	ug/l	98
36) 1,1-Dichloropropene	7.917	75	78042	50.989	ug/l	99
37) Ethyl Acetate	7.070	43	48096	49.857	ug/l	99
38) Carbon Tetrachloride	7.905	117	85027	53.796	ug/l	99
39) Methylcyclohexane	9.185	83	93229	51.235	ug/l	98
40) Benzene	8.161	78	227221	52.482	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	68119	131.062	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	68548	52.662	ug/l	100
43) Isopropyl Acetate	8.271	43	85626	49.750	ug/l	99
44) Trichloroethene	8.941	130	59641	52.248	ug/l	94
45) 1,2-Dichloropropane	9.216	63	55736	50.938	ug/l	98
46) Dibromomethane	9.307	93	33766	54.168	ug/l	97
47) Bromodichloromethane	9.502	83	77396	52.687	ug/l	99
48) Methyl methacrylate	9.295	41	40349	50.878	ug/l	95
49) 1,4-Dioxane	9.301	88	9313	1155.675	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	246377	263.900	ug/l	99
52) Toluene	10.246	92	142718	54.659	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	82654	53.643	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	92724	53.168	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	47464	54.674	ug/l	97
56) Ethyl methacrylate	10.508	69	63208	54.605	ug/l	99
57) 1,3-Dichloropropane	10.795	76	78761	53.266	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	154895	254.902	ug/l	99
59) 2-Hexanone	10.831	43	187149	275.818	ug/l	99
60) Dibromochloromethane	10.990	129	58851	55.691	ug/l	100
61) 1,2-Dibromoethane	11.093	107	45037	53.856	ug/l	100
64) Tetrachloroethene	10.721	164	52910	52.393	ug/l	97
65) Chlorobenzene	11.520	112	151533	52.054	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	58297	54.120	ug/l	99
67) Ethyl Benzene	11.593	91	272204	53.185	ug/l	99
68) m/p-Xylenes	11.703	106	211865	107.605	ug/l	100
69) o-Xylene	12.032	106	99179	53.973	ug/l	97
70) Styrene	12.044	104	170040	55.451	ug/l	99
71) Bromoform	12.209	173	38794	55.236	ug/l #	99
73) Isopropylbenzene	12.331	105	264439	50.520	ug/l	100
74) N-amyl acetate	12.142	43	78521	47.677	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	59443	50.519	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	76141	86.329	ug/l #	100
77) Bromobenzene	12.611	156	64707	50.886	ug/l	95
78) n-propylbenzene	12.672	91	330402	51.198	ug/l	99
79) 2-Chlorotoluene	12.758	91	180180	50.236	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	222976	51.618	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	20808	48.884	ug/l	98
82) 4-Chlorotoluene	12.855	91	187235	50.430	ug/l	99
83) tert-Butylbenzene	13.075	119	196090	52.593	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	221652	52.474	ug/l	99
85) sec-Butylbenzene	13.258	105	291248	51.204	ug/l	99
86) p-Isopropyltoluene	13.373	119	240661	51.769	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	126845	51.721	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	126553	50.560	ug/l	99
89) n-Butylbenzene	13.696	91	226262	50.842	ug/l	100
90) Hexachloroethane	13.965	117	48287	49.871	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	115440	52.071	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9666	50.830	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	71177	52.144	ug/l	99
94) Hexachlorobutadiene	15.117	225	41697	50.084	ug/l	99
95) Naphthalene	15.239	128	145393	53.153	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	63357	52.189	ug/l	99

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

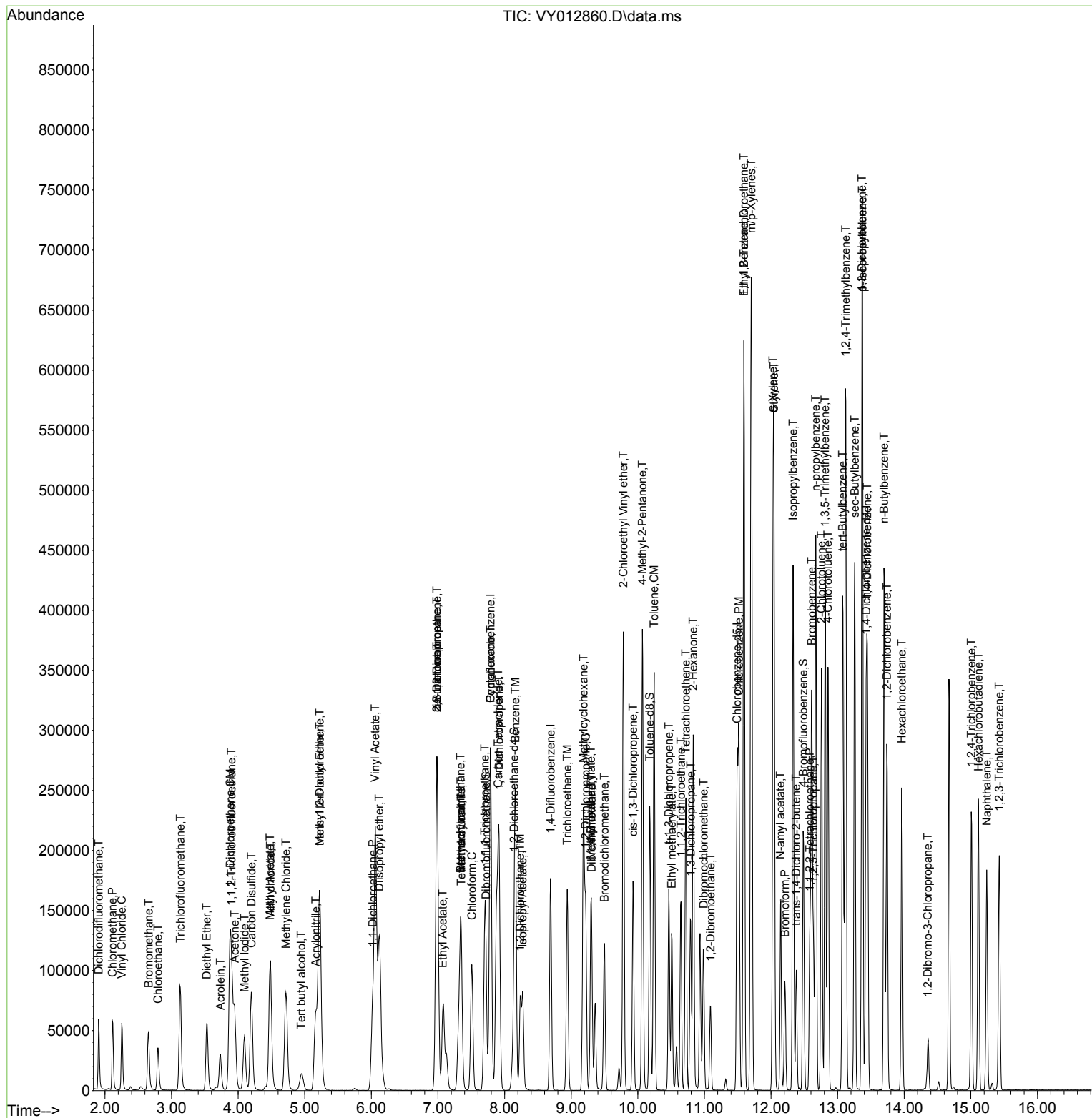
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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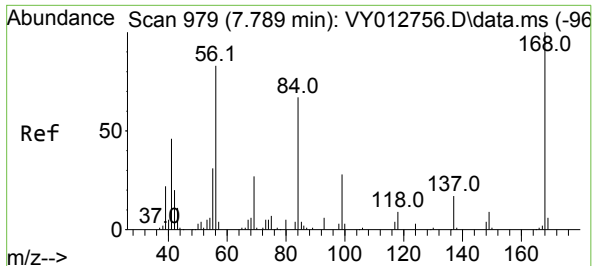
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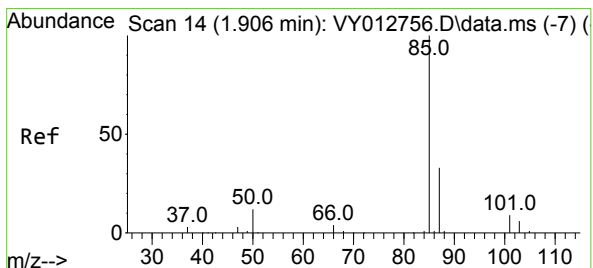
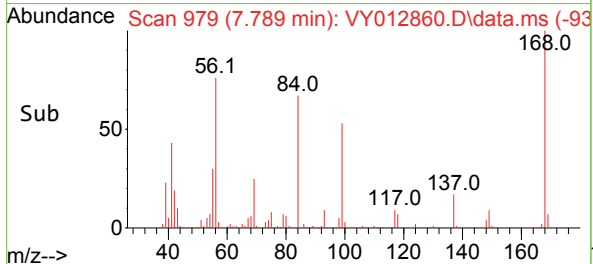
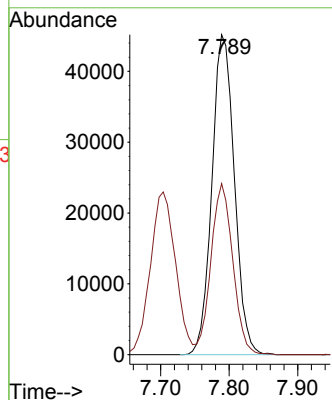
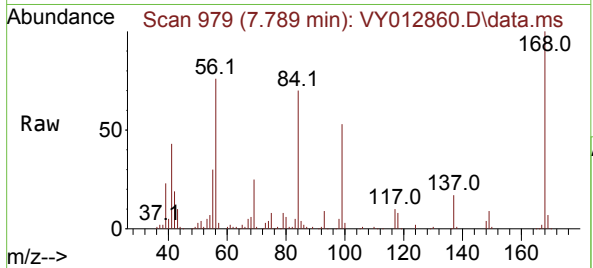




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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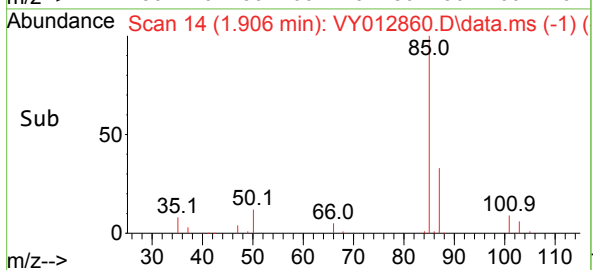
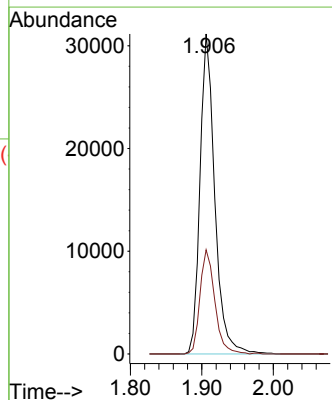
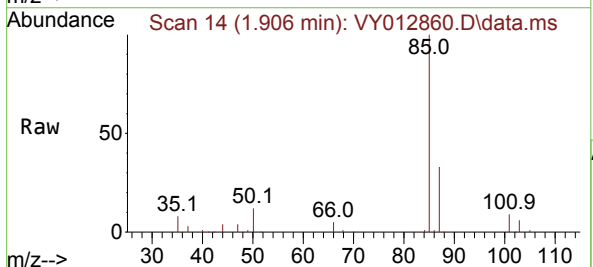
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

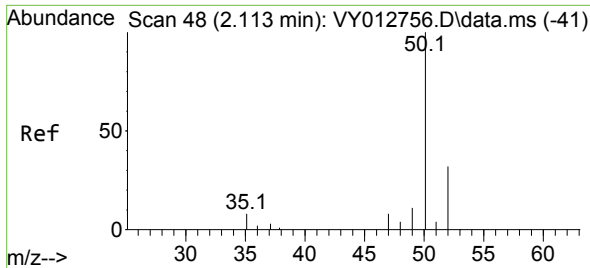
Tgt Ion:168 Resp: 102732
Ion Ratio Lower Upper
168 100
99 53.5 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 44.211 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

Tgt Ion: 85 Resp: 44767
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.0

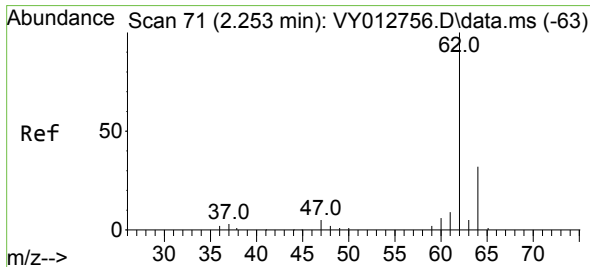
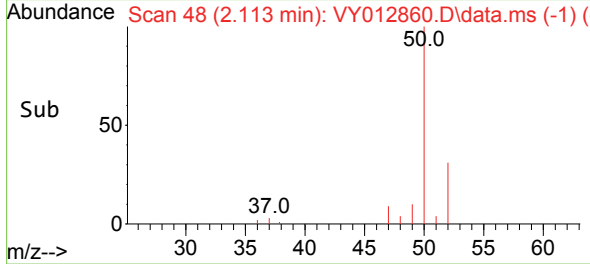
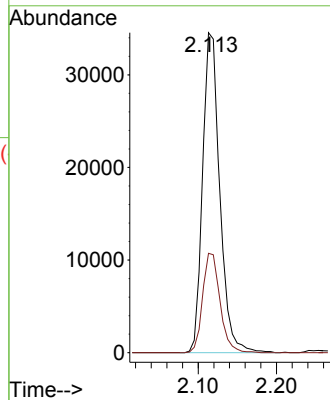
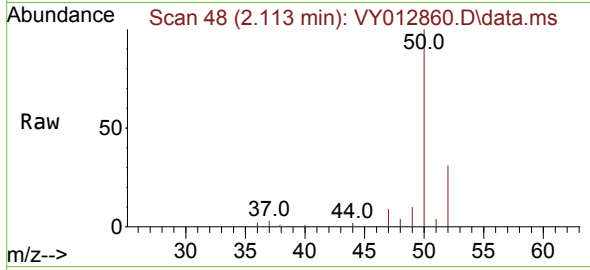




#3
Chloromethane
Concen: 43.425 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

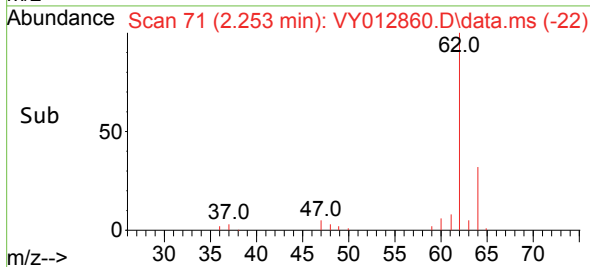
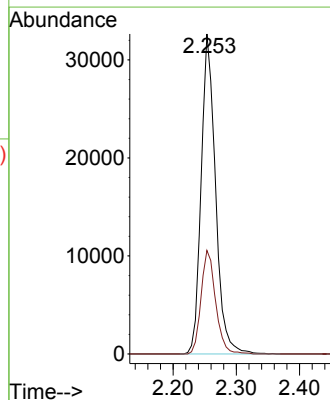
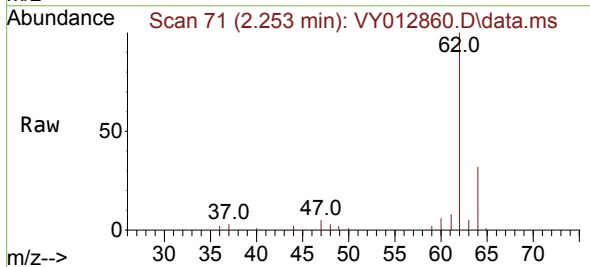
Instrument :
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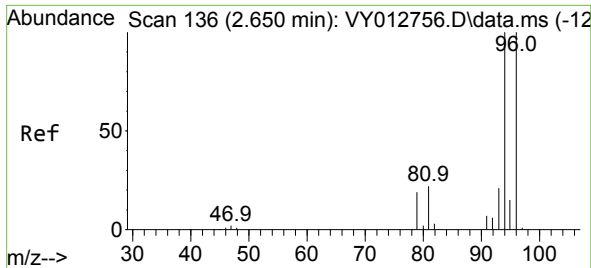
Tgt Ion: 50 Resp: 52567
Ion Ratio Lower Upper
50 100
52 31.1 26.0 39.0



#4
Vinyl Chloride
Concen: 46.489 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

Tgt Ion: 62 Resp: 51605
Ion Ratio Lower Upper
62 100
64 32.4 25.6 38.4





#5

Bromomethane

Concen: 49.524 ug/l

RT: 2.656 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

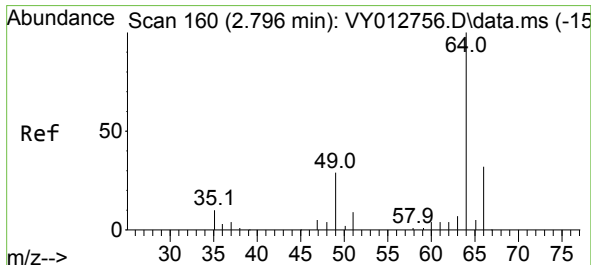
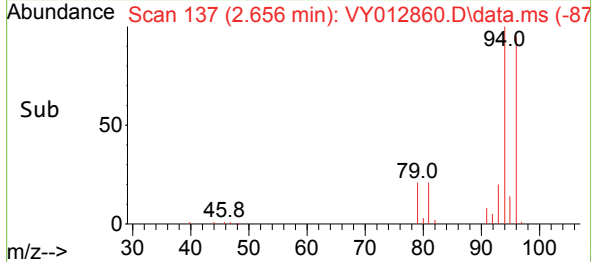
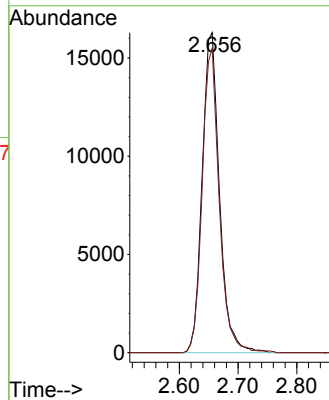
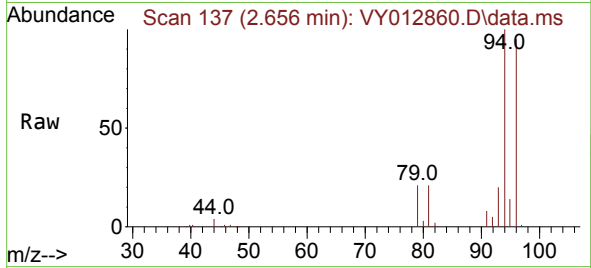
VSTDCCC050

Tgt Ion: 94 Resp: 33404

Ion Ratio Lower Upper

94 100

96 95.1 80.3 120.5



#6

Chloroethane

Concen: 50.486 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.000 min

Lab File: VY012860.D

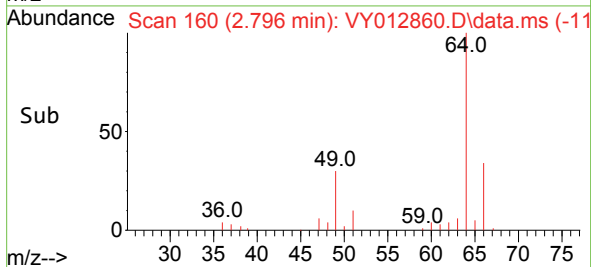
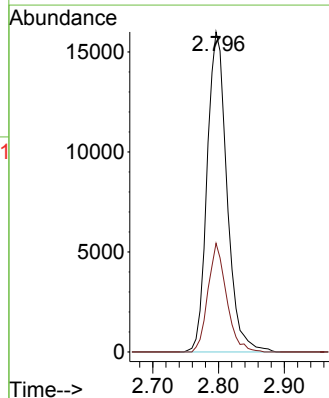
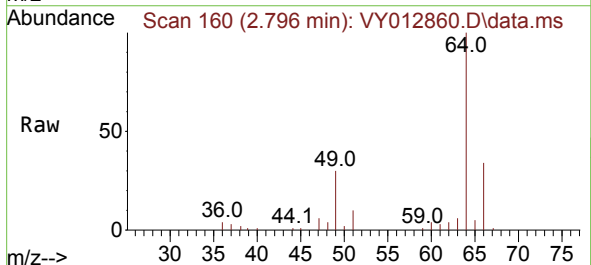
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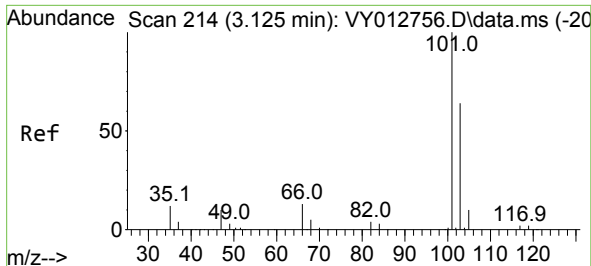
Tgt Ion: 64 Resp: 33563

Ion Ratio Lower Upper

64 100

66 34.0 25.7 38.5

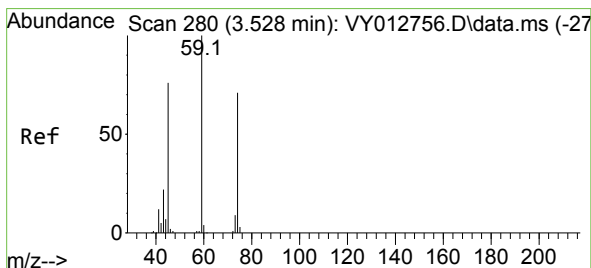
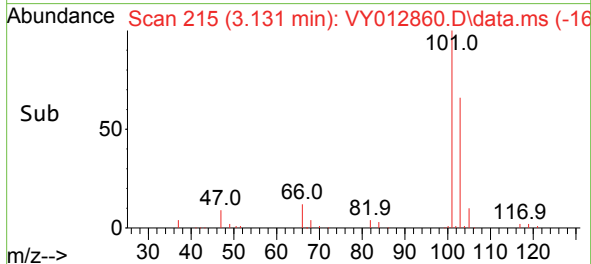
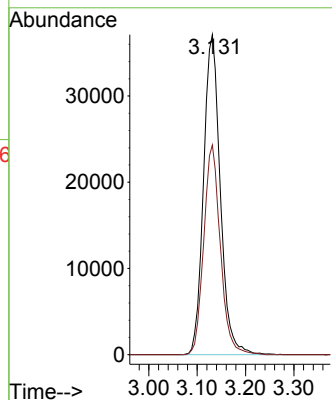
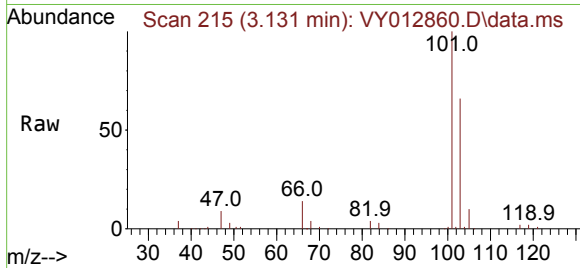




#7
 Trichlorofluoromethane
 Concen: 48.423 ug/l
 RT: 3.131 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VY012860.D
 Acq: 08 Mar 2023 10:27

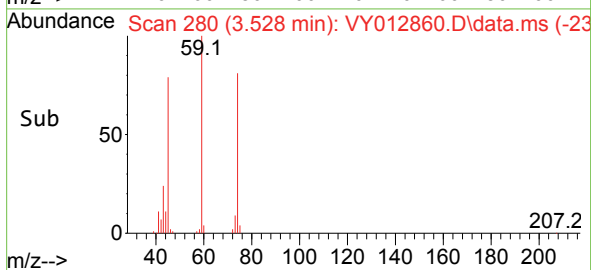
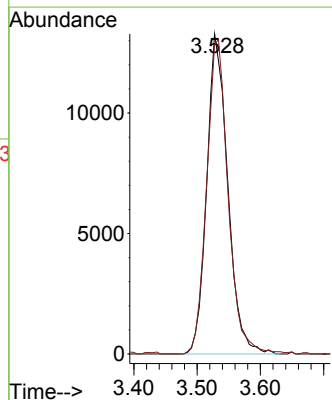
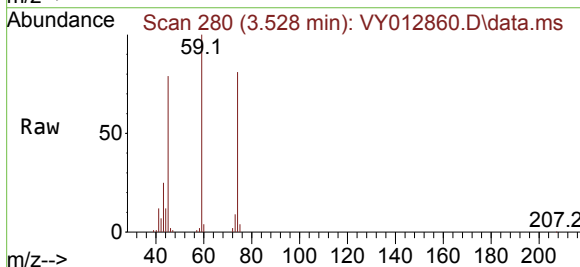
Instrument :
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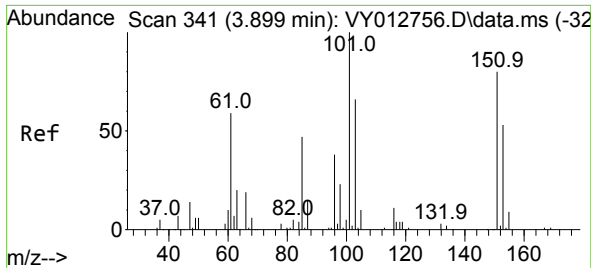
Tgt Ion:101 Resp: 89276
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.5 77.3



#8
 Diethyl Ether
 Concen: 47.551 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY012860.D
 Acq: 08 Mar 2023 10:27

Tgt Ion: 74 Resp: 30722
 Ion Ratio Lower Upper
 74 100
 45 100.6 52.1 156.4

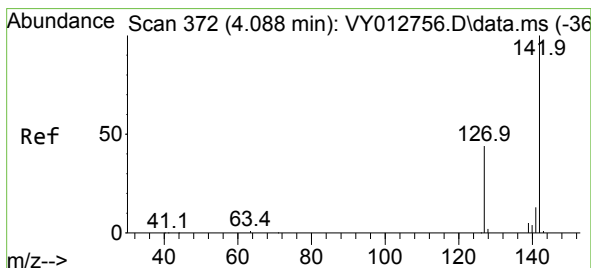
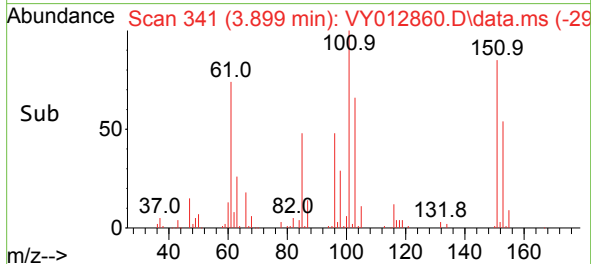
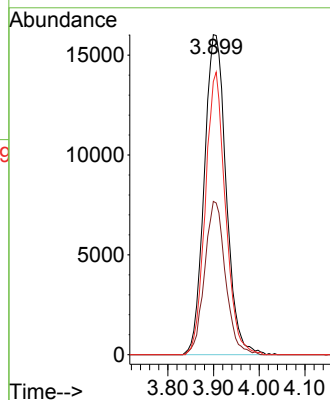
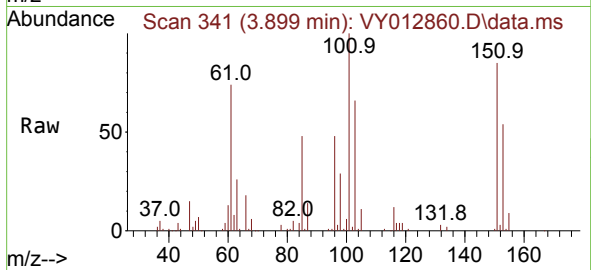




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.029 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

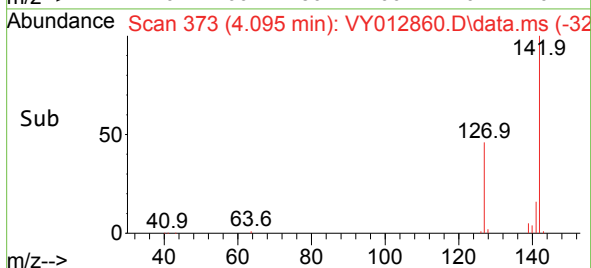
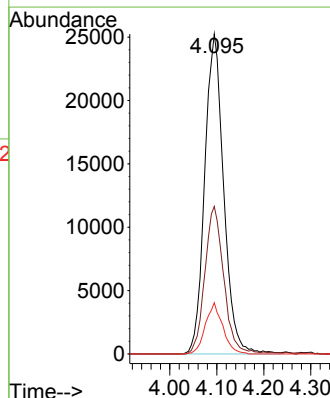
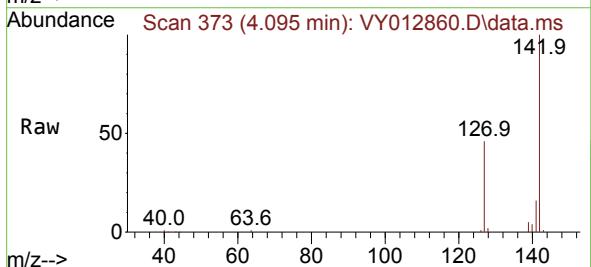
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

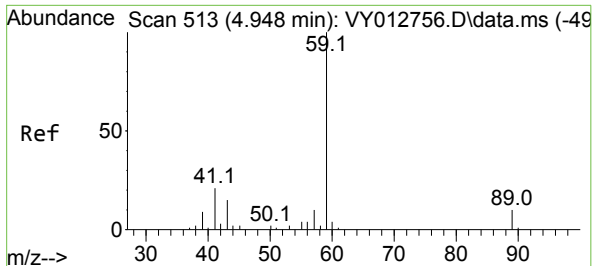
Tgt Ion:101 Resp: 53275
Ion Ratio Lower Upper
101 100
85 45.6 35.3 52.9
151 81.2 63.1 94.7



#10
Methyl Iodide
Concen: 48.978 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

Tgt Ion:142 Resp: 70787
Ion Ratio Lower Upper
142 100
127 45.7 35.4 53.2
141 14.7 11.3 16.9

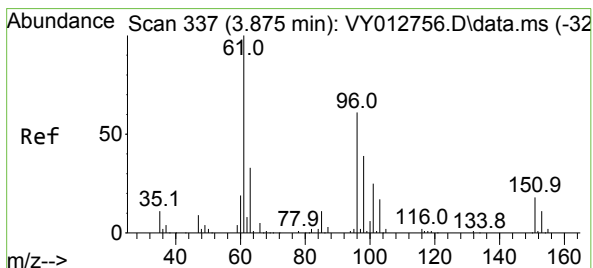
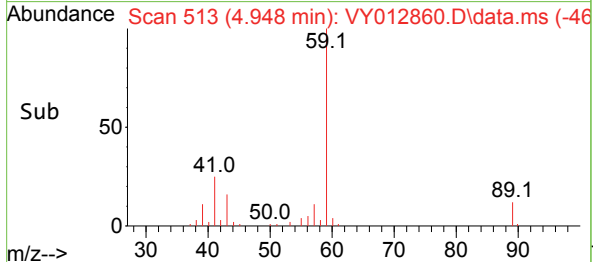
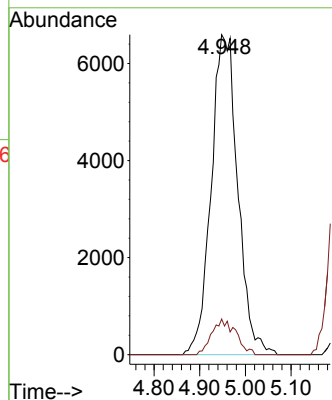
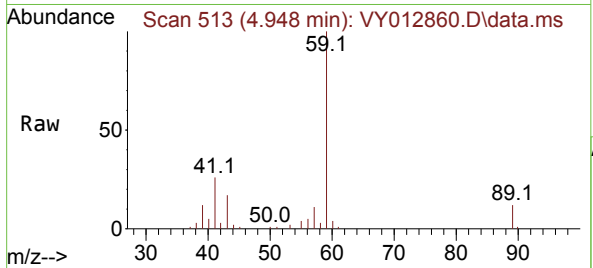




#11
Tert butyl alcohol
Concen: 225.200 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

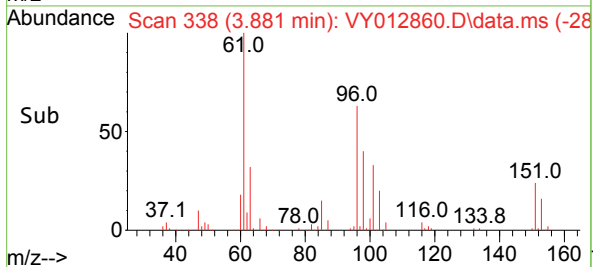
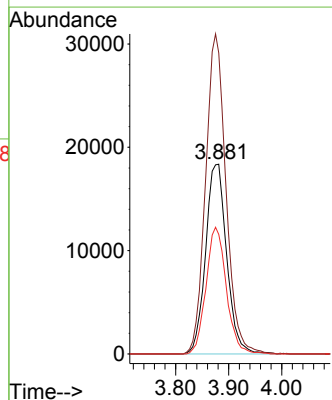
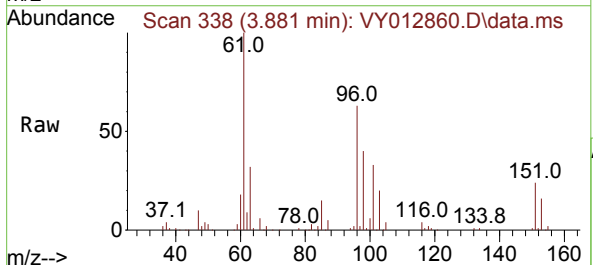
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

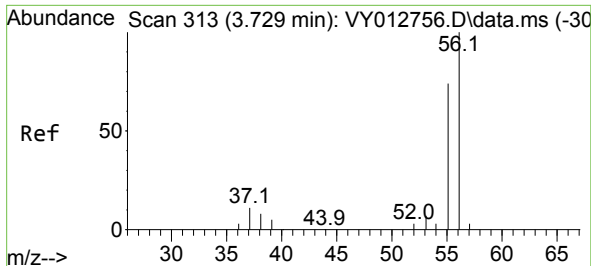
Tgt Ion: 59 Resp: 26651
Ion Ratio Lower Upper
59 100
57 10.0 7.7 11.5



#12
1,1-Dichloroethene
Concen: 47.993 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

Tgt Ion: 96 Resp: 50772
Ion Ratio Lower Upper
96 100
61 158.6 131.7 197.5
98 63.0 52.0 78.0





#13

Acrolein

Concen: 200.814 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

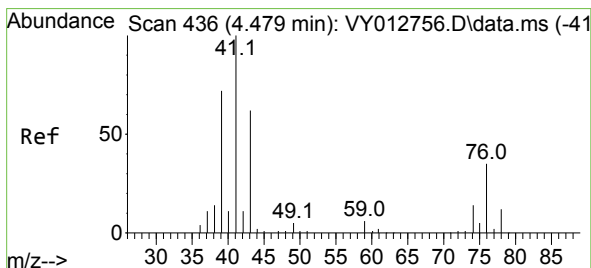
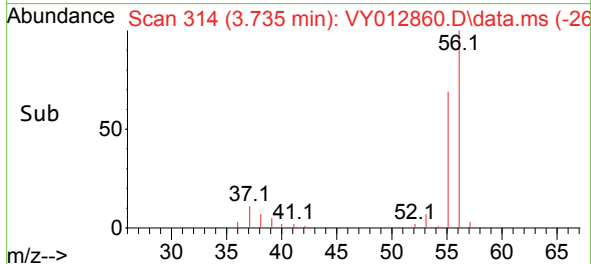
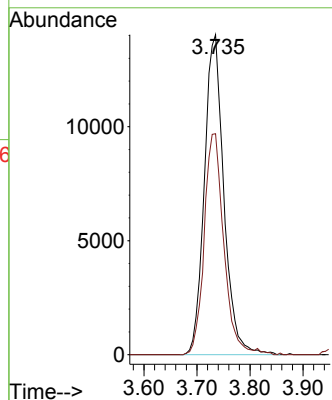
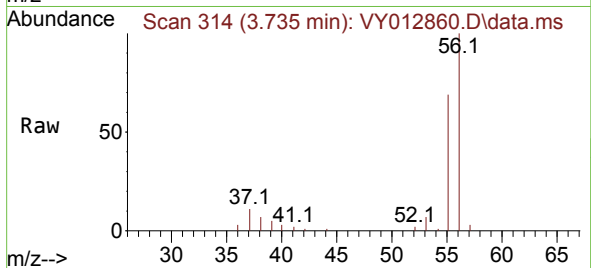
VSTDCCC050

Tgt Ion: 56 Resp: 35886

Ion Ratio Lower Upper

56 100

55 69.6 56.8 85.2



#14

Allyl chloride

Concen: 44.595 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

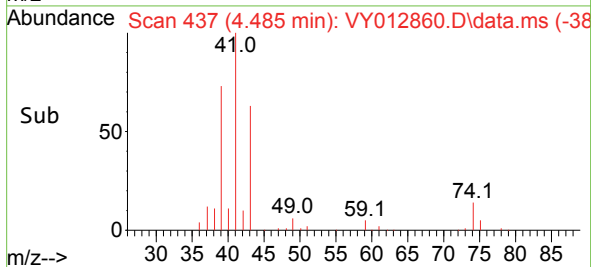
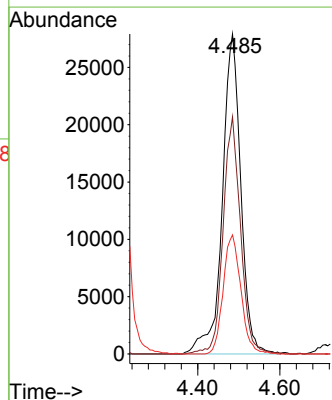
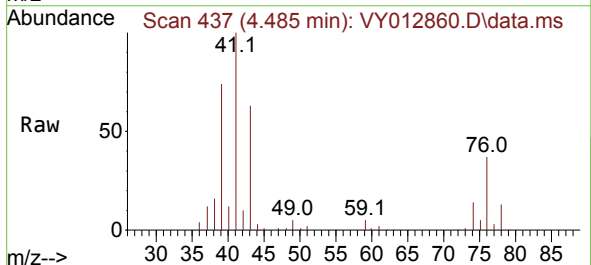
Tgt Ion: 41 Resp: 87145

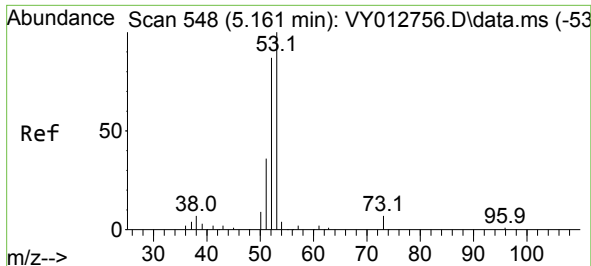
Ion Ratio Lower Upper

41 100

39 69.8 53.6 80.4

76 35.7 27.2 40.8

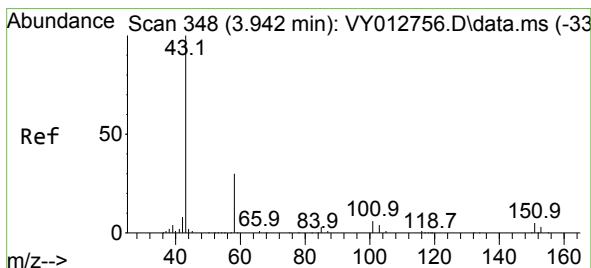
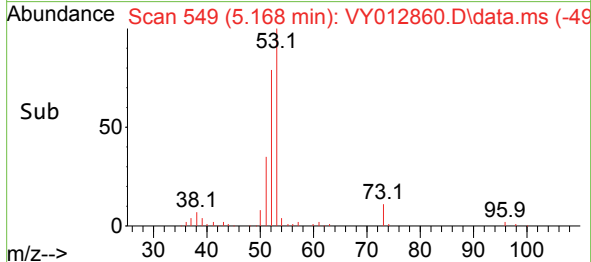
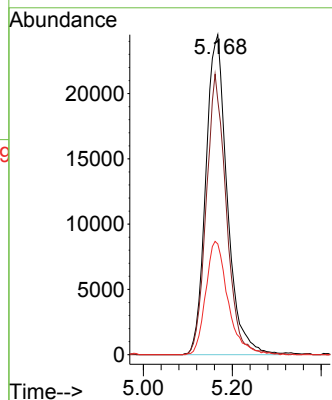
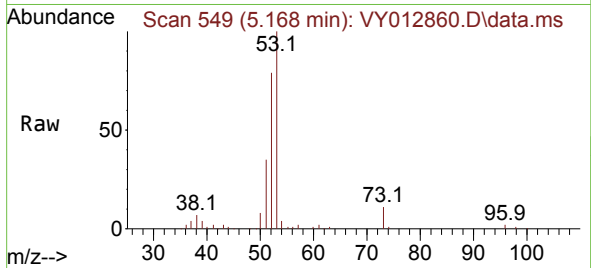




#15
Acrylonitrile
Concen: 241.213 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.007 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

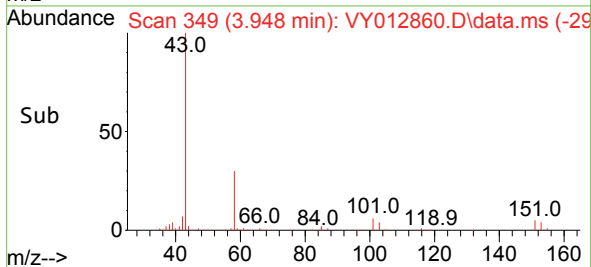
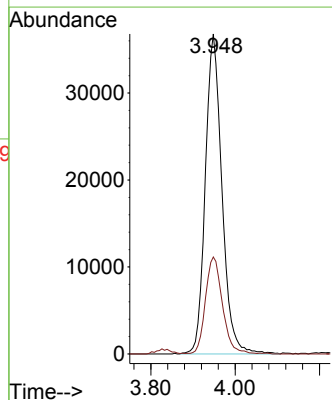
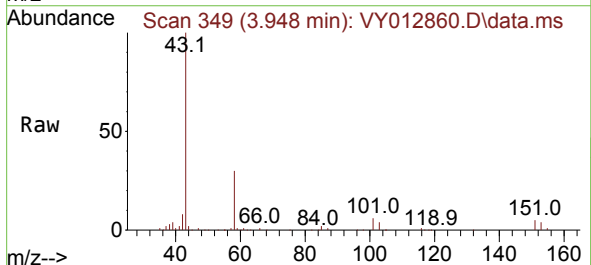
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

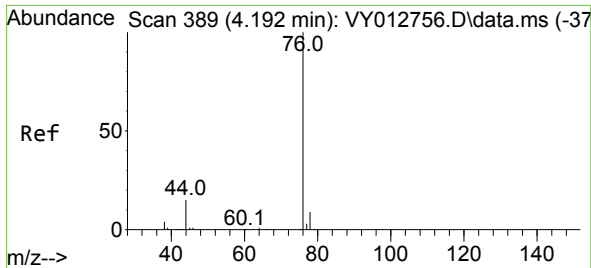
Tgt Ion: 53 Resp: 82114
Ion Ratio Lower Upper
53 100
52 82.0 66.3 99.5
51 37.0 28.8 43.2



#16
Acetone
Concen: 252.303 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

Tgt Ion: 43 Resp: 101011
Ion Ratio Lower Upper
43 100
58 30.3 24.2 36.2

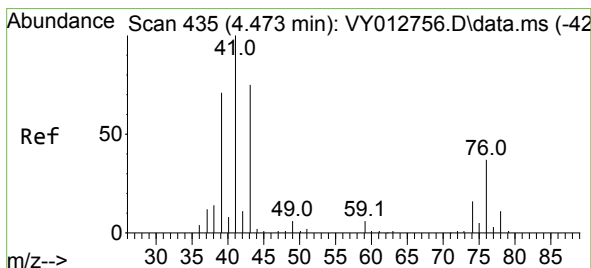
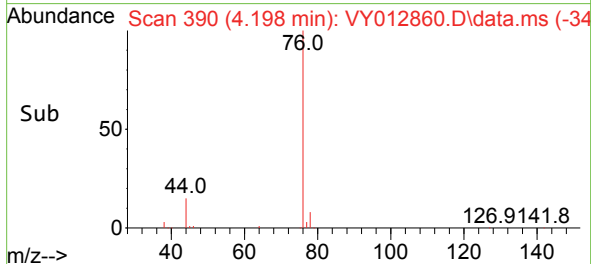
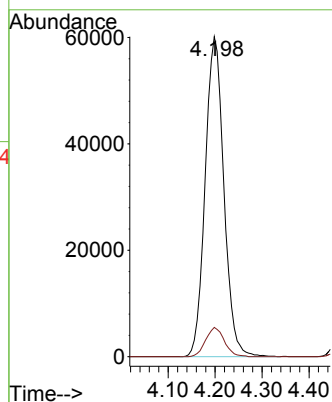
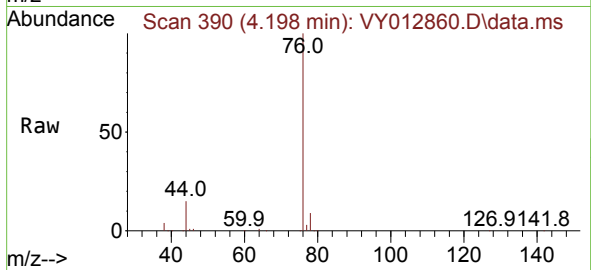




#17
Carbon Disulfide
Concen: 46.125 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

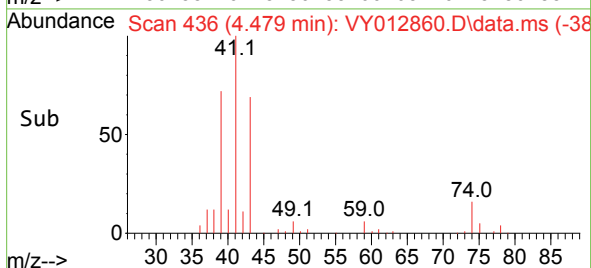
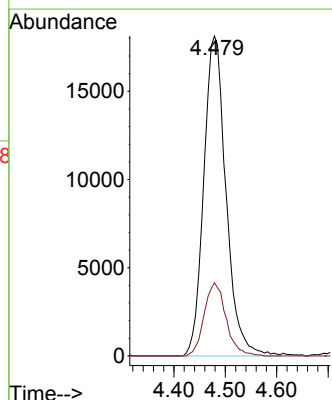
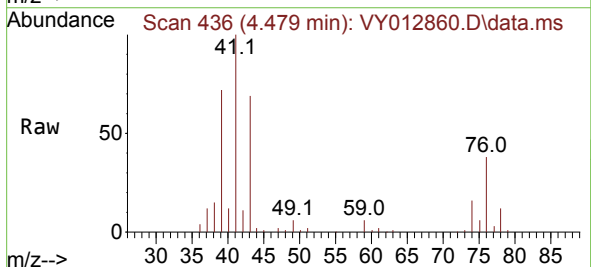
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

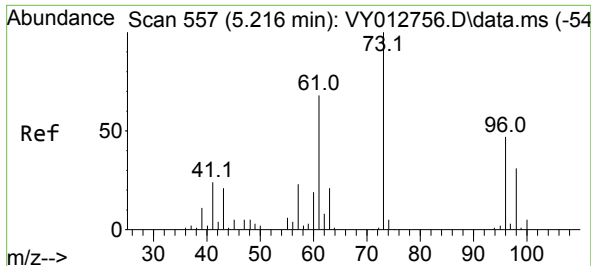
Tgt Ion: 76 Resp: 166092
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 45.835 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

Tgt Ion: 43 Resp: 54647
Ion Ratio Lower Upper
43 100
74 22.5 17.4 26.0

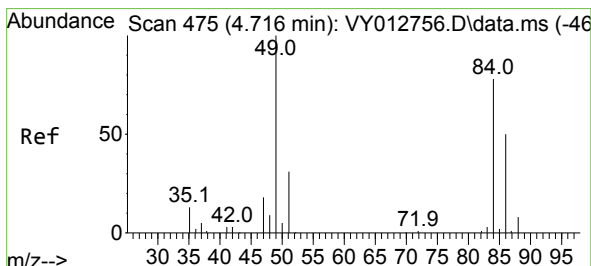
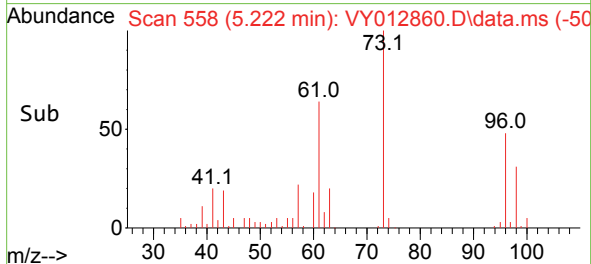
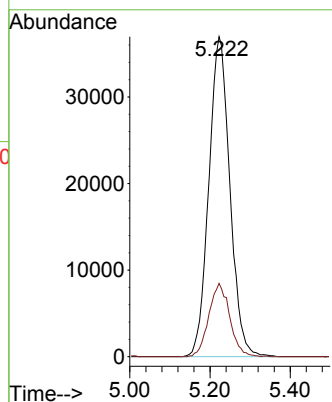
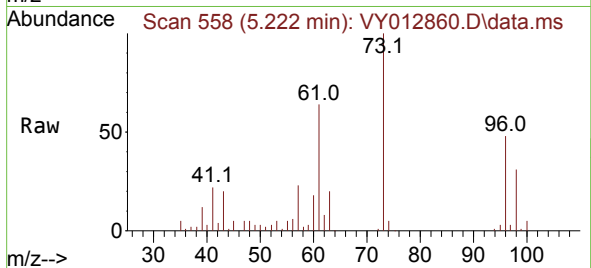




#19
Methyl tert-butyl Ether
Concen: 49.296 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

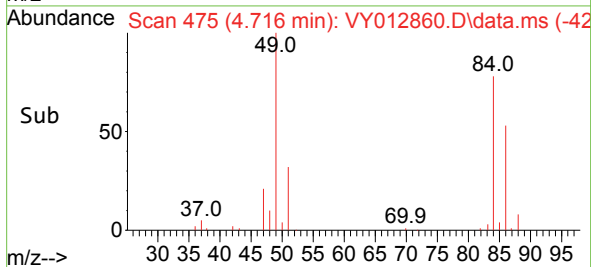
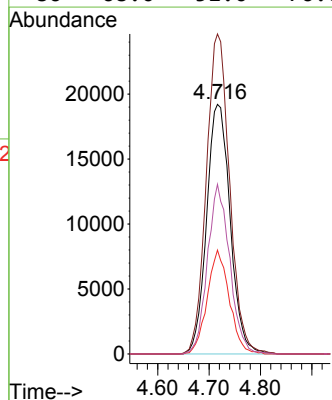
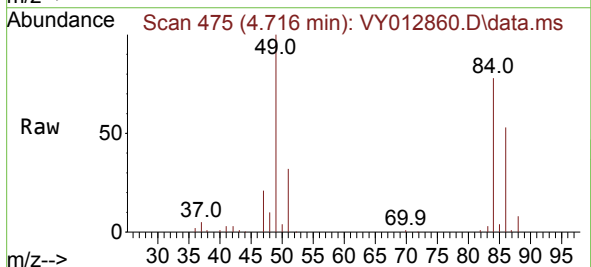
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

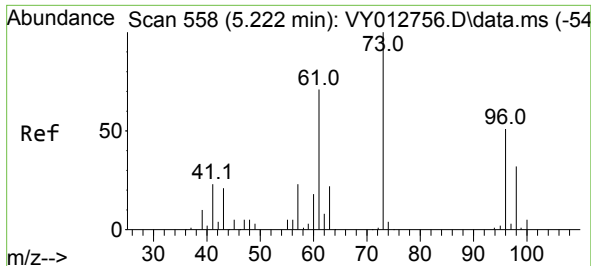
Tgt Ion: 73 Resp: 134704
Ion Ratio Lower Upper
73 100
57 22.9 18.3 27.5



#20
Methylene Chloride
Concen: 50.116 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

Tgt Ion: 84 Resp: 61211
Ion Ratio Lower Upper
84 100
49 128.2 102.6 154.0
51 41.6 31.9 47.9
86 68.0 51.0 76.6

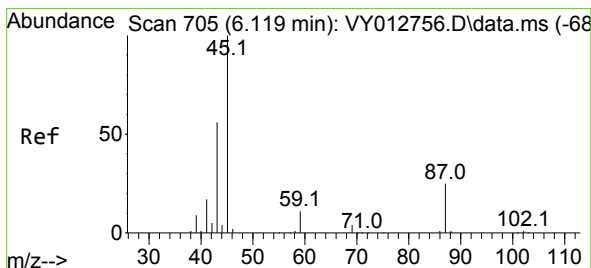
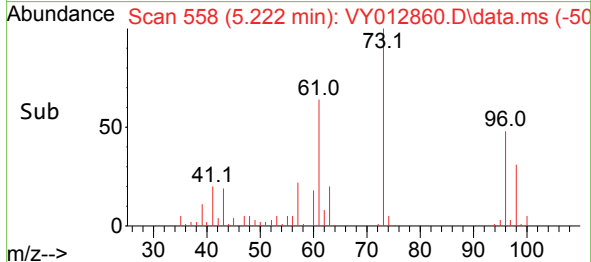
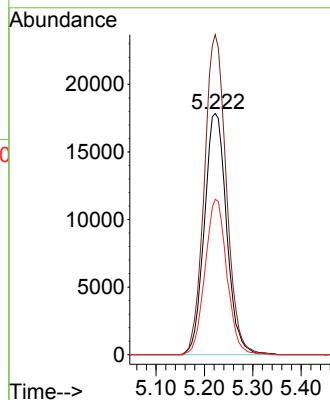
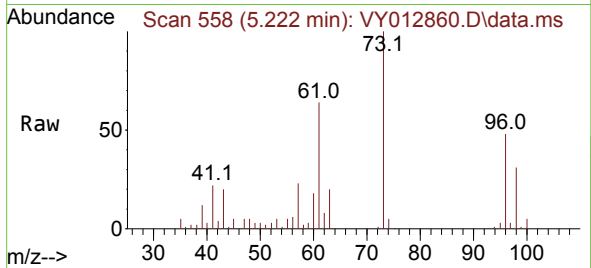




#21
trans-1,2-Dichloroethene
Concen: 49.672 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

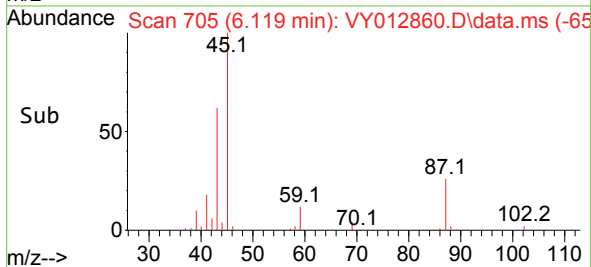
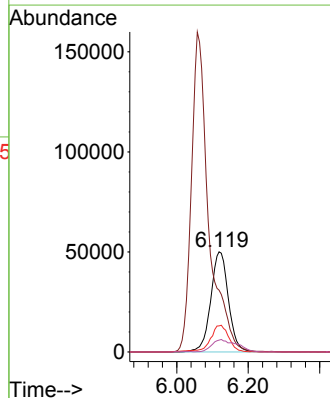
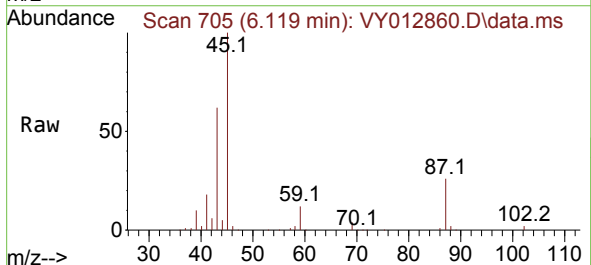
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

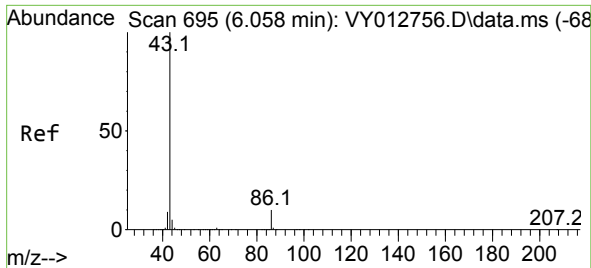
Tgt Ion: 96 Resp: 57105
Ion Ratio Lower Upper
96 100
61 132.8 111.4 167.0
98 64.4 50.8 76.2



#22
Diisopropyl ether
Concen: 48.310 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

Tgt Ion: 45 Resp: 171468
Ion Ratio Lower Upper
45 100
43 61.4 45.0 67.6
87 26.1 20.3 30.5
59 11.8 8.8 13.2

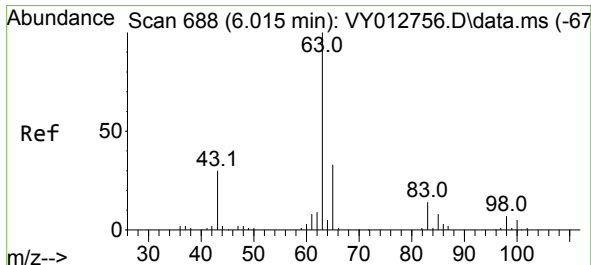
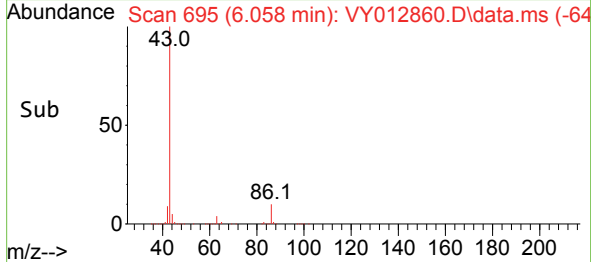
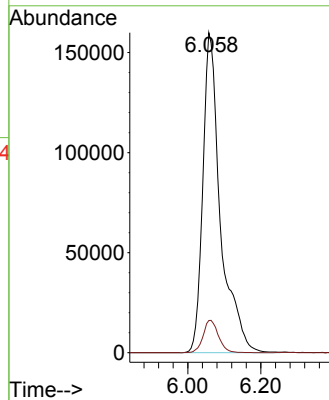
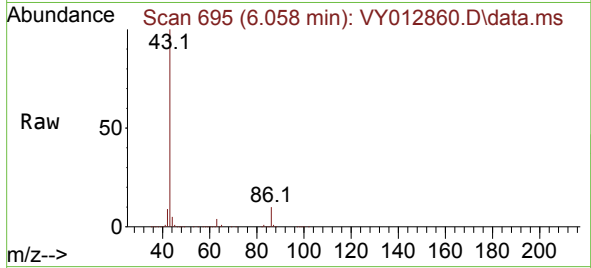




#23
 Vinyl Acetate
 Concen: 243.264 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012860.D
 Acq: 08 Mar 2023 10:27

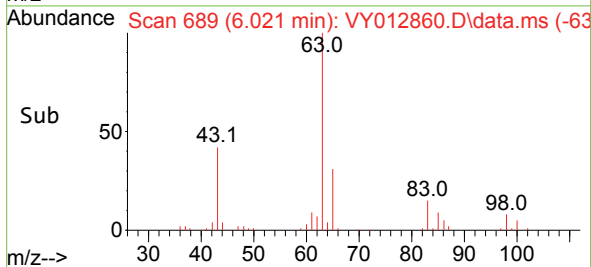
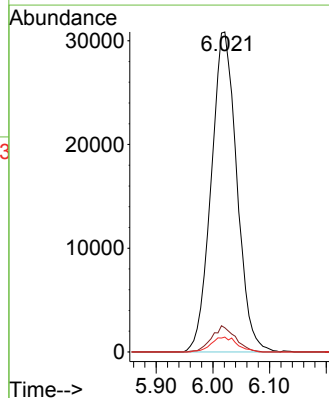
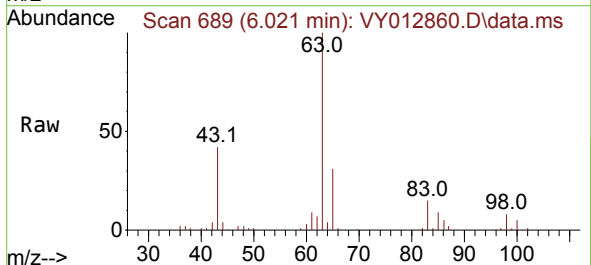
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

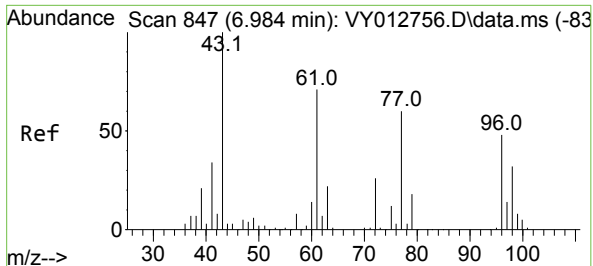
Tgt Ion: 43 Resp: 536481
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 47.880 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012860.D
 Acq: 08 Mar 2023 10:27

Tgt Ion: 63 Resp: 96838
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.7 11.1
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 242.537 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

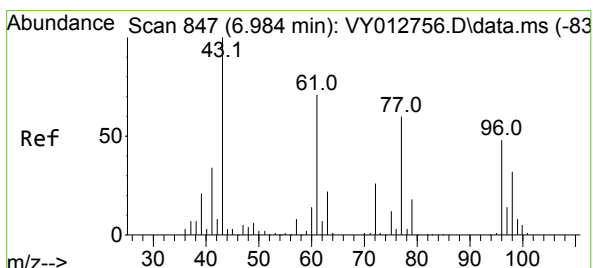
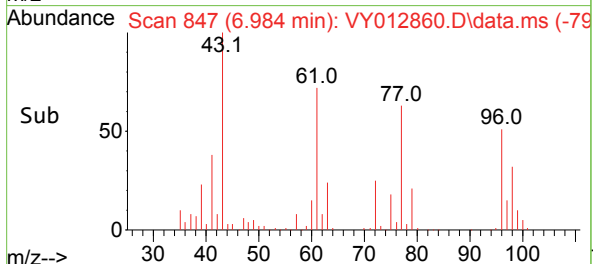
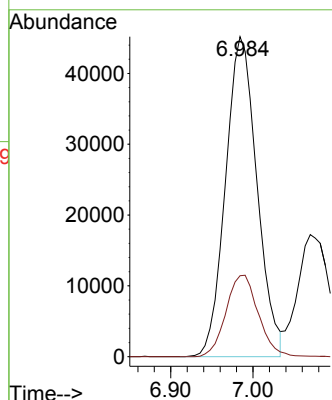
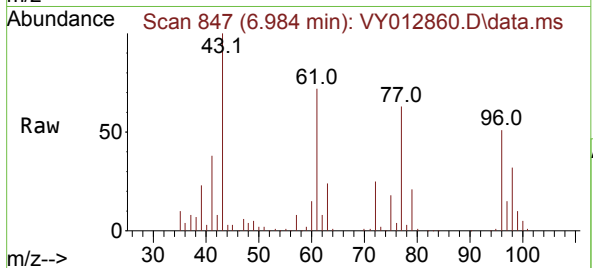
VSTDCCC050

Tgt Ion: 43 Resp: 120268

Ion Ratio Lower Upper

43 100

72 25.3 21.0 31.4



#26

2,2-Dichloropropane

Concen: 48.530 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012860.D

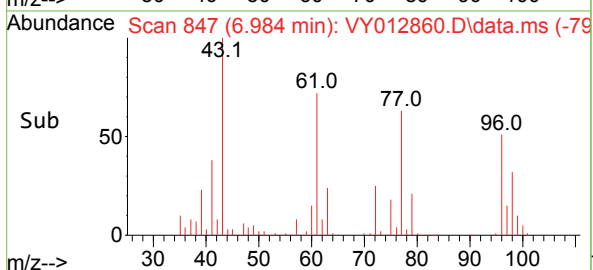
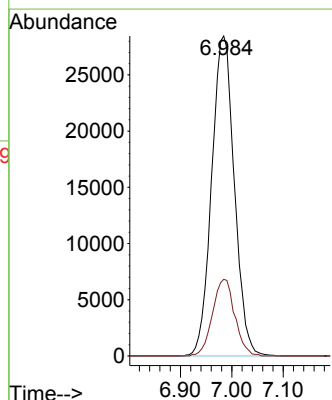
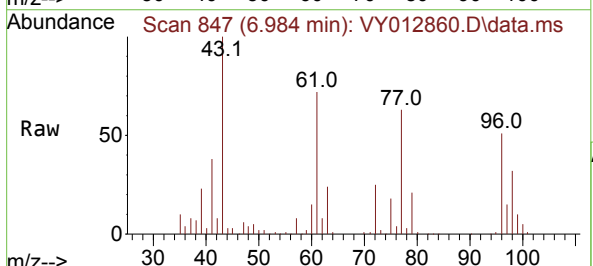
Acq: 08 Mar 2023 10:27

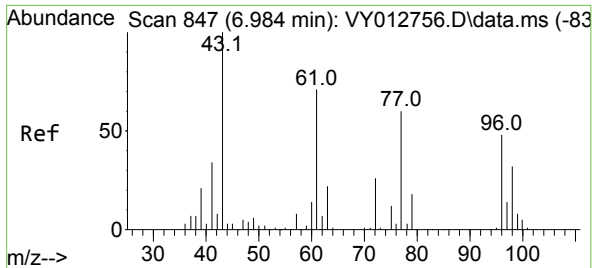
Tgt Ion: 77 Resp: 87176

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.0



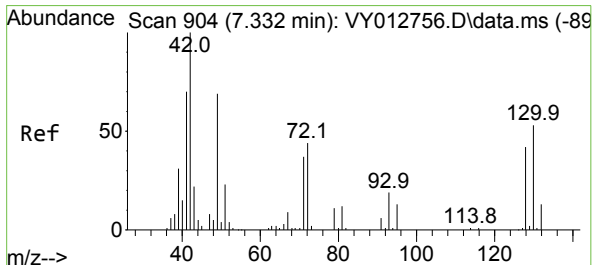
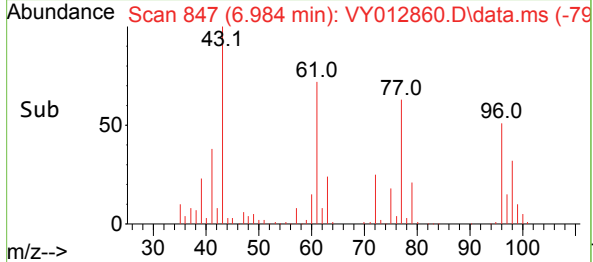
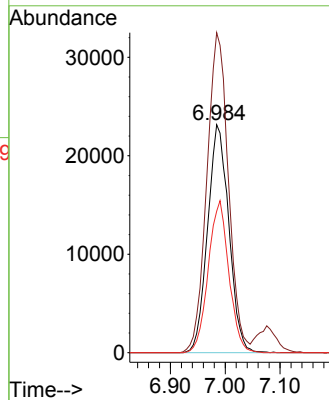
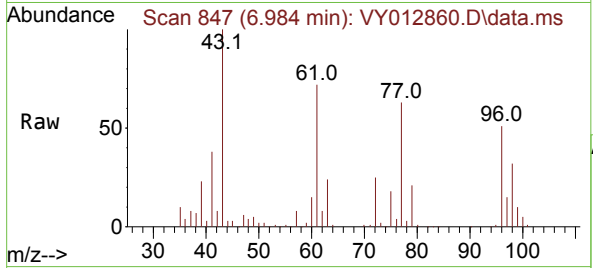


#27
 cis-1,2-Dichloroethene
 Concen: 50.573 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY012860.D
 Acq: 08 Mar 2023 10:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 62334

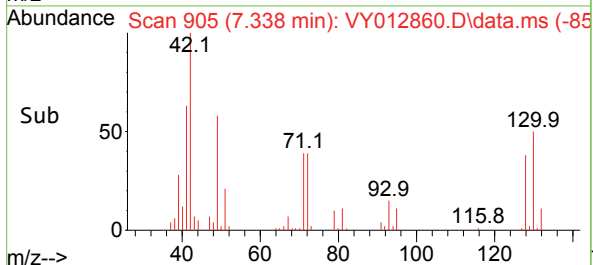
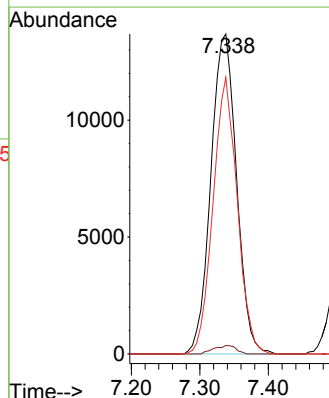
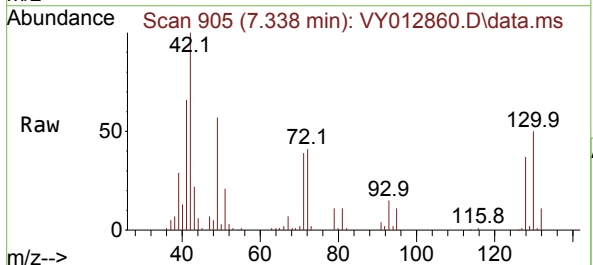
Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	295.8
98	64.7	0.0	130.2

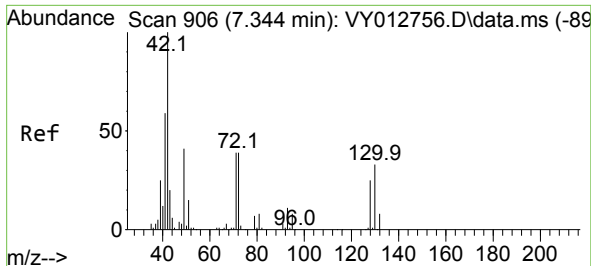


#28
 Bromochloromethane
 Concen: 48.220 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY012860.D
 Acq: 08 Mar 2023 10:27

Tgt Ion: 49 Resp: 35640

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	81.2	60.5	90.7





#29

Tetrahydrofuran

Concen: 243.440 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

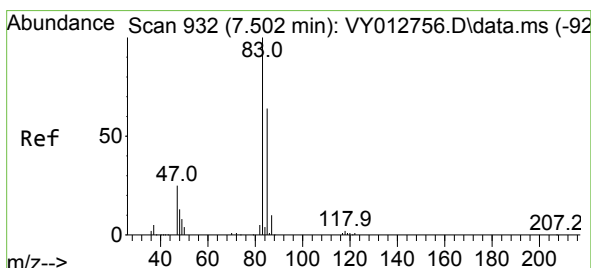
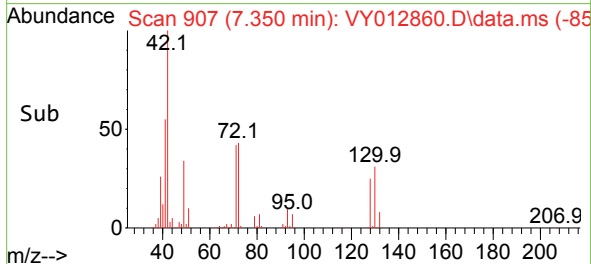
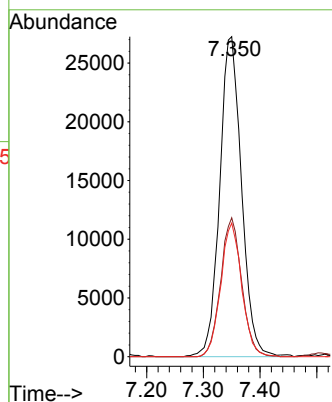
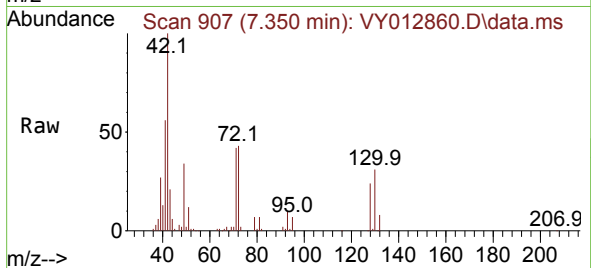
Tgt Ion: 42 Resp: 72806

Ion Ratio Lower Upper

42 100

72 42.0 32.3 48.5

71 40.3 30.3 45.5



#30

Chloroform

Concen: 51.681 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.007 min

Lab File: VY012860.D

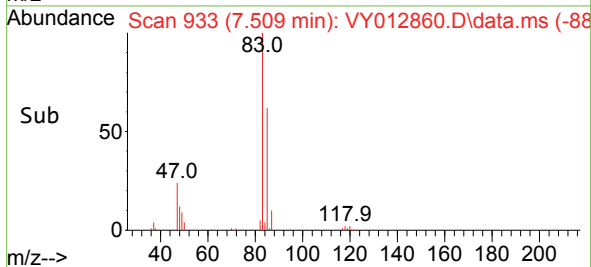
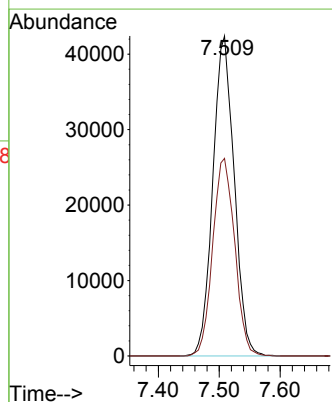
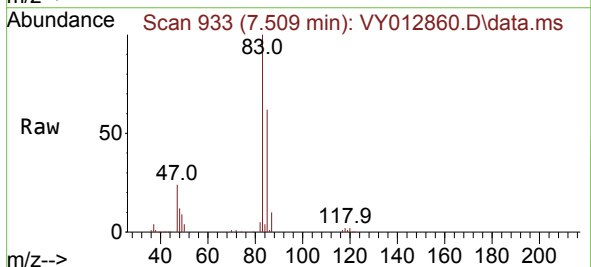
Acq: 08 Mar 2023 10:27

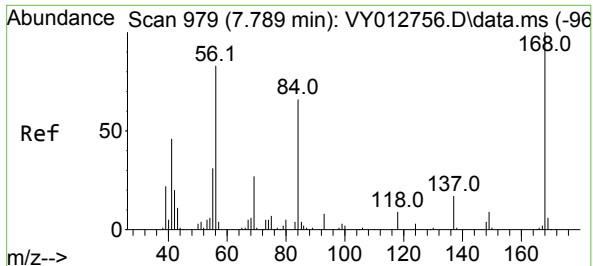
Tgt Ion: 83 Resp: 103246

Ion Ratio Lower Upper

83 100

85 61.7 51.4 77.0





#31

Cyclohexane

Concen: 43.828 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

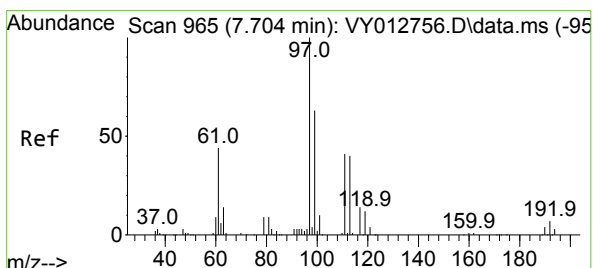
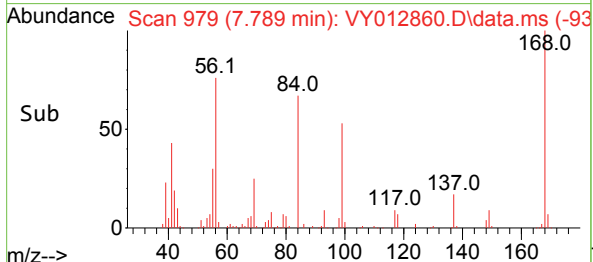
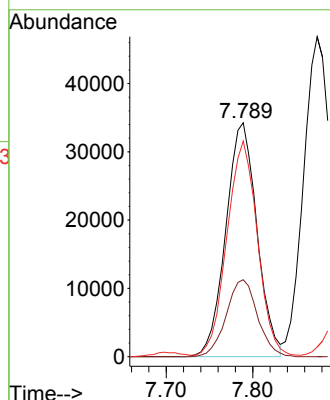
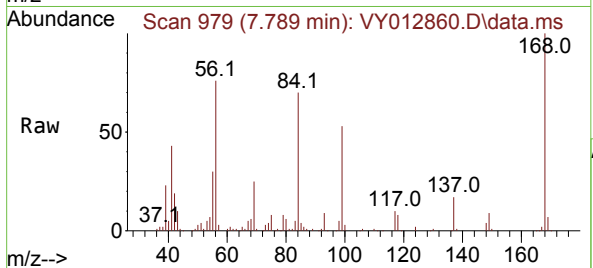
Tgt Ion: 56 Resp: 85616

Ion Ratio Lower Upper

56 100

69 32.9 25.7 38.5

84 91.0 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 49.965 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

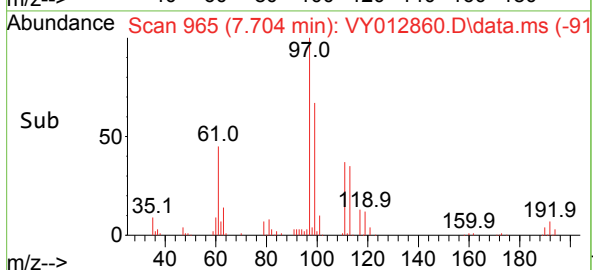
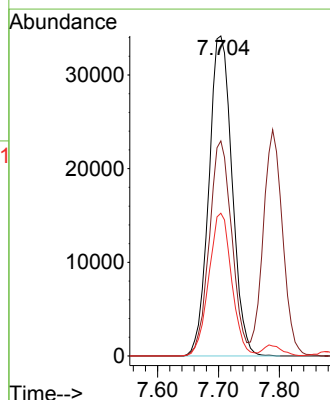
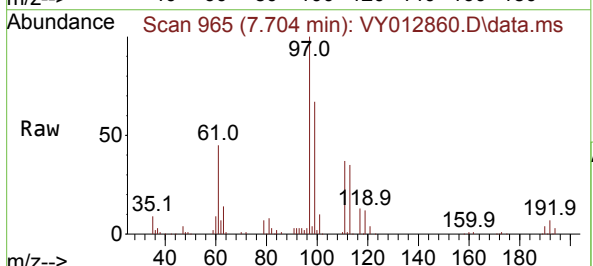
Tgt Ion: 97 Resp: 90269

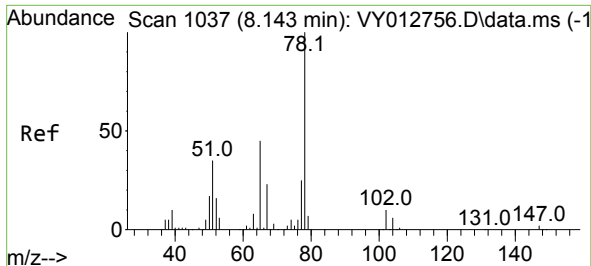
Ion Ratio Lower Upper

97 100

99 65.3 51.0 76.6

61 44.2 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 43.307 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

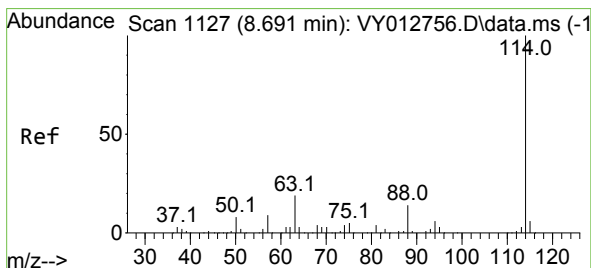
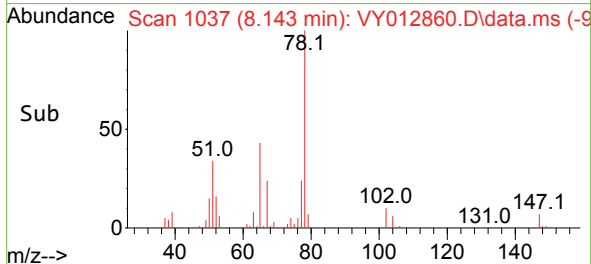
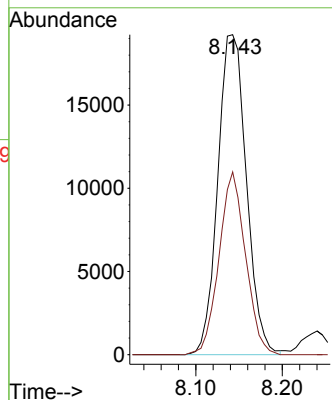
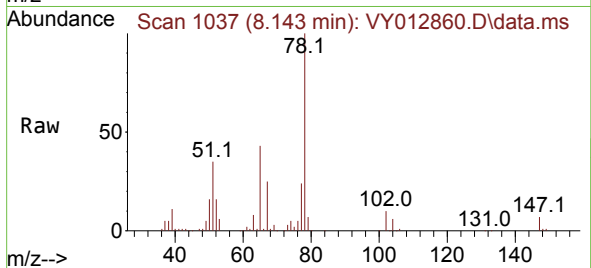
VSTDCCC050

Tgt Ion: 65 Resp: 44173

Ion Ratio Lower Upper

65 100

67 52.9 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: VY012860.D

Acq: 08 Mar 2023 10:27

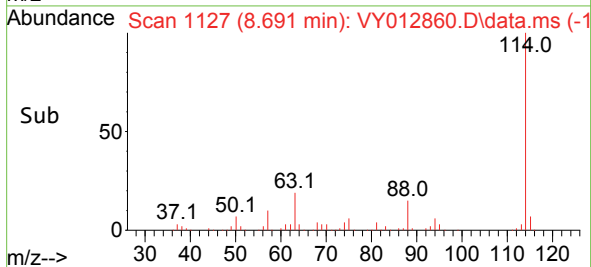
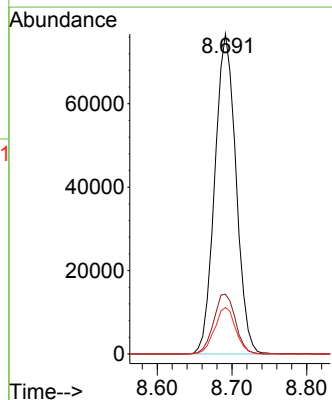
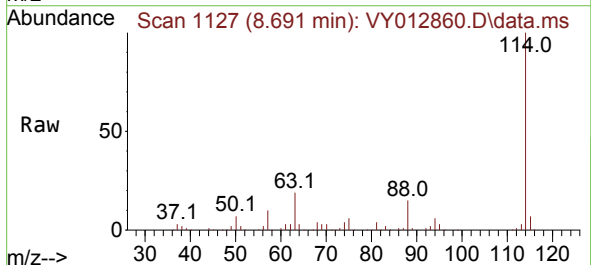
Tgt Ion: 114 Resp: 151341

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.4

88 14.5 0.0 28.6

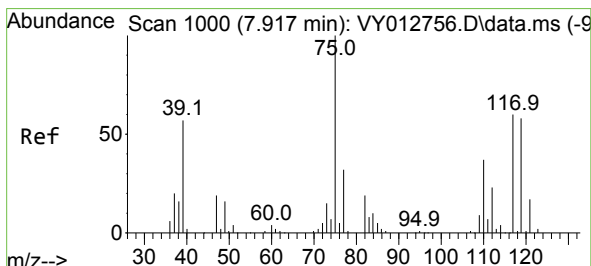
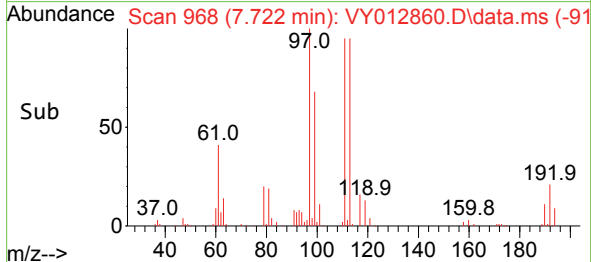
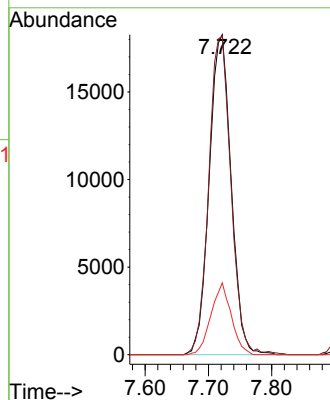
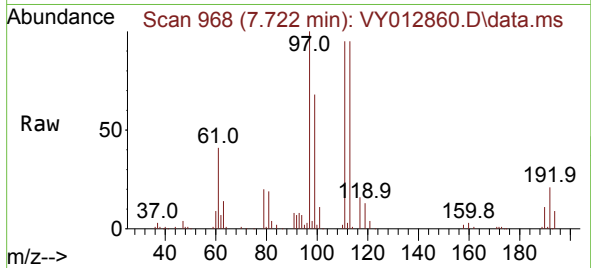




#35
Dibromofluoromethane
Concen: 48.046 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

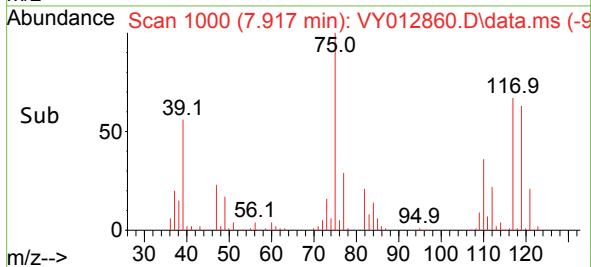
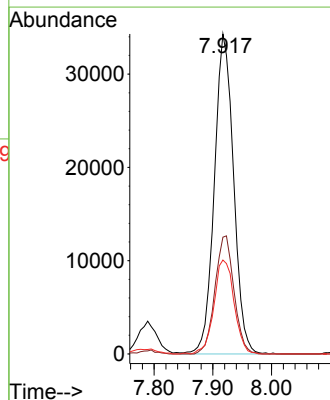
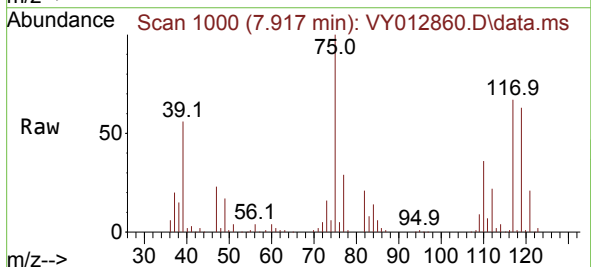
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

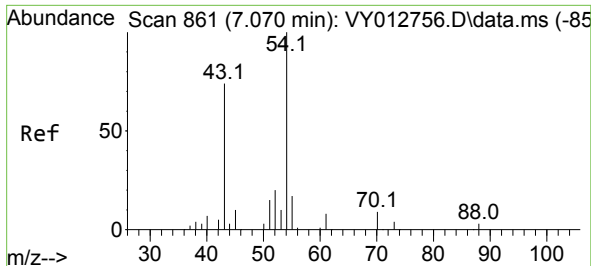
Tgt Ion:113 Resp: 43882
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.2
192 20.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 50.989 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

Tgt Ion: 75 Resp: 78042
Ion Ratio Lower Upper
75 100
110 36.5 17.8 53.3
77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 49.857 ug/l

RT: 7.070 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

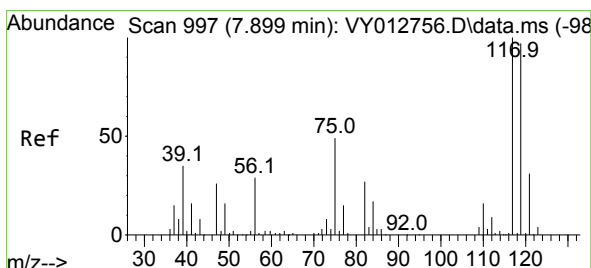
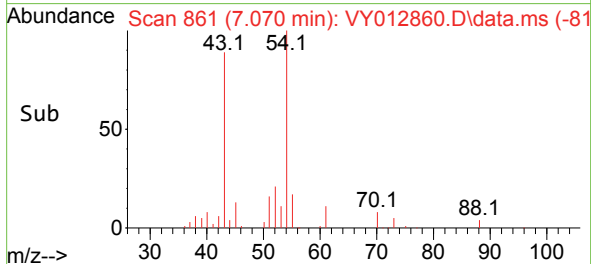
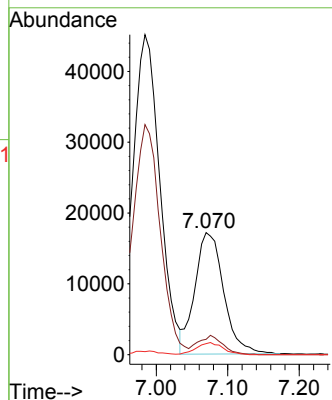
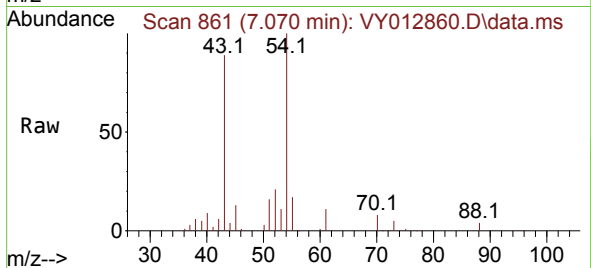
Tgt Ion: 43 Resp: 48096

Ion Ratio Lower Upper

43 100

61 13.6 10.7 16.1

70 9.2 7.8 11.8



#38

Carbon Tetrachloride

Concen: 53.796 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

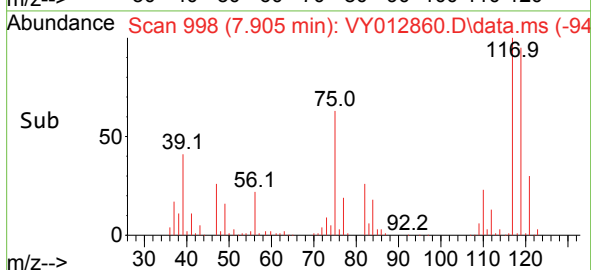
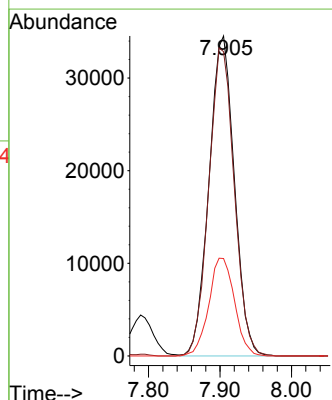
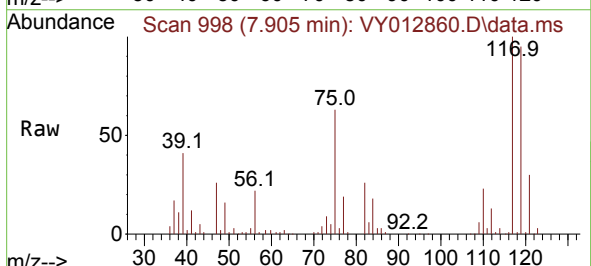
Tgt Ion: 117 Resp: 85027

Ion Ratio Lower Upper

117 100

119 95.1 77.2 115.8

121 30.4 24.7 37.1





#39

Methylcyclohexane

Concen: 51.235 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

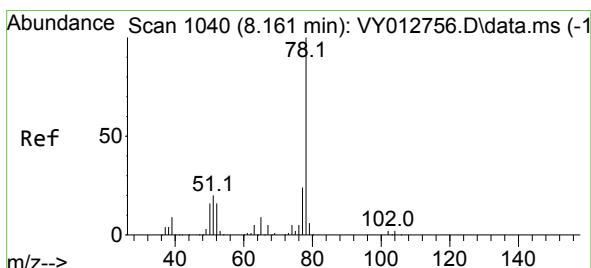
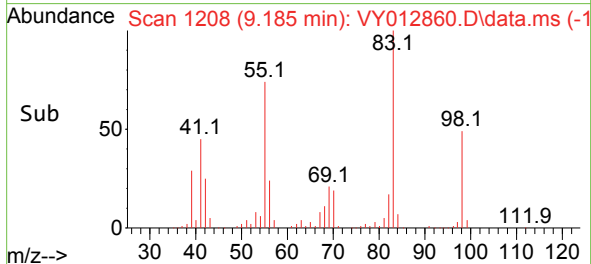
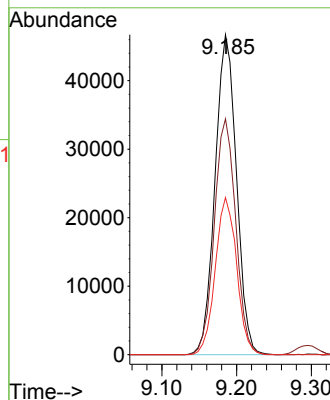
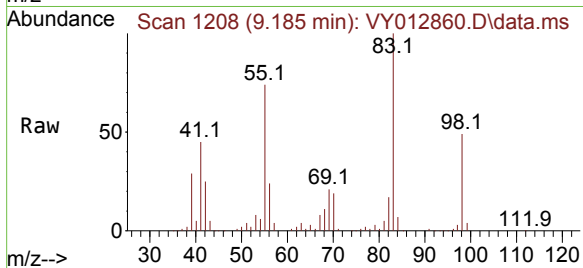
Tgt Ion: 83 Resp: 93229

Ion Ratio Lower Upper

83 100

55 73.7 60.0 90.0

98 49.1 38.3 57.5



#40

Benzene

Concen: 52.482 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012860.D

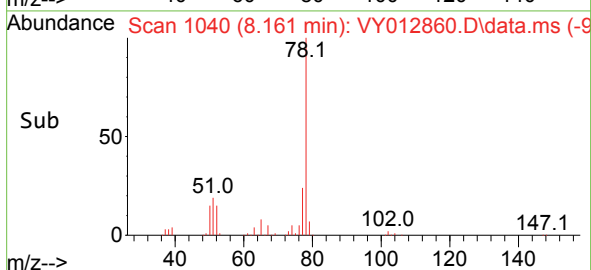
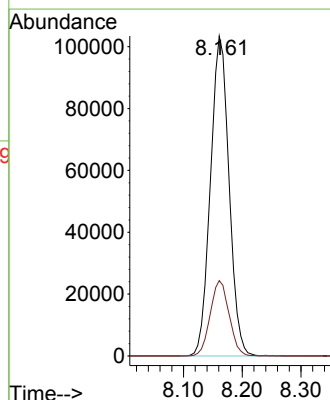
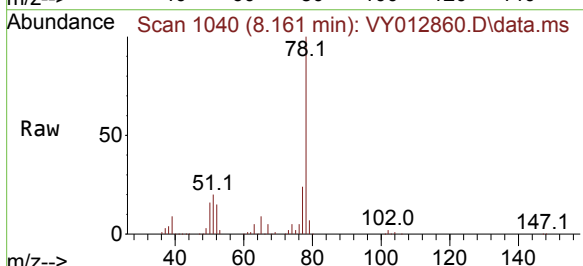
Acq: 08 Mar 2023 10:27

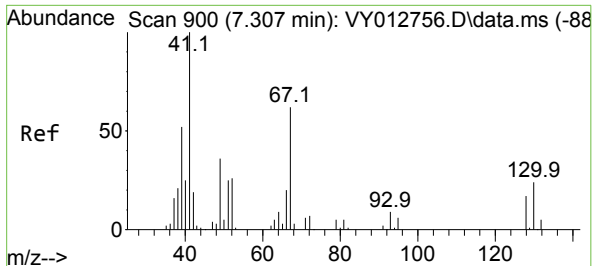
Tgt Ion: 78 Resp: 227221

Ion Ratio Lower Upper

78 100

77 23.6 19.4 29.0

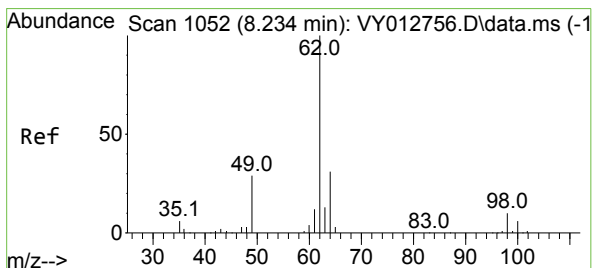
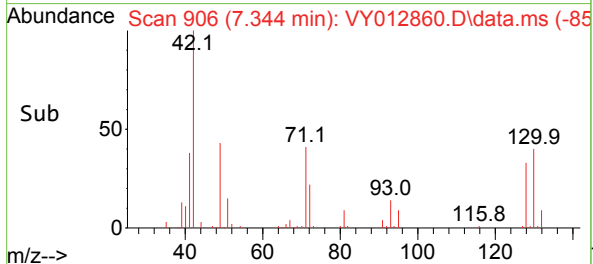
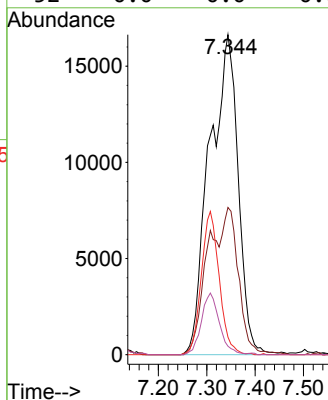
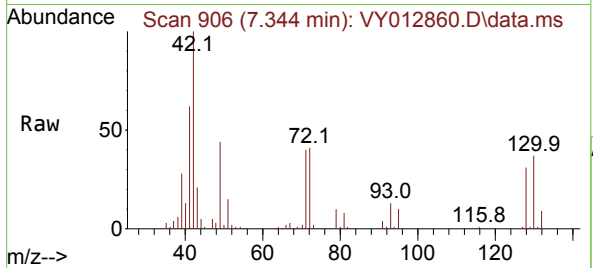




#41
Methacrylonitrile
Concen: 131.062 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

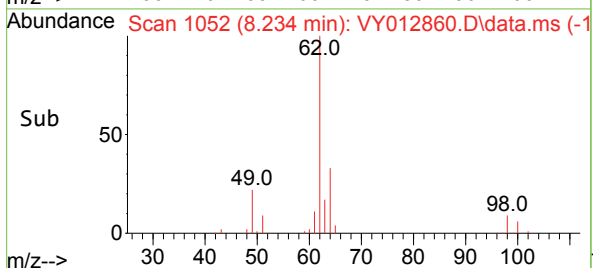
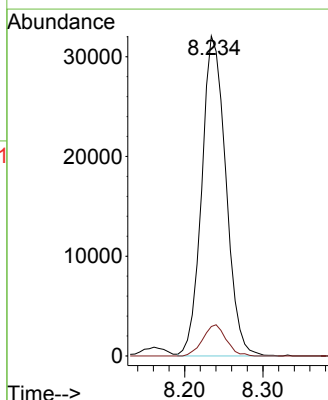
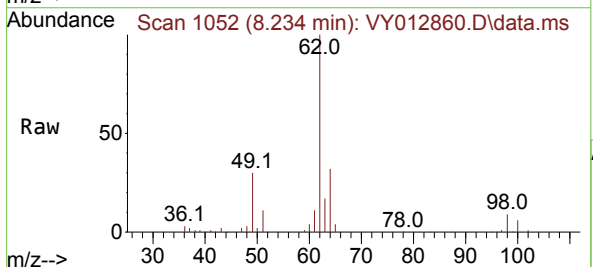
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

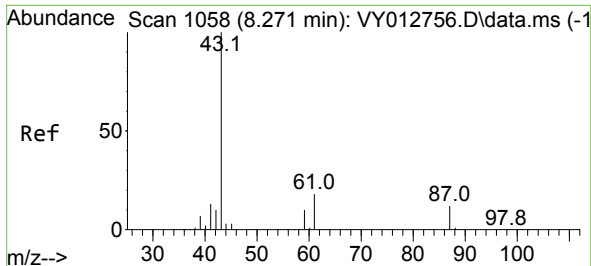
Tgt Ion: 41 Resp: 68119
Ion Ratio Lower Upper
41 100
39 26.8 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 52.662 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

Tgt Ion: 62 Resp: 68548
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.8

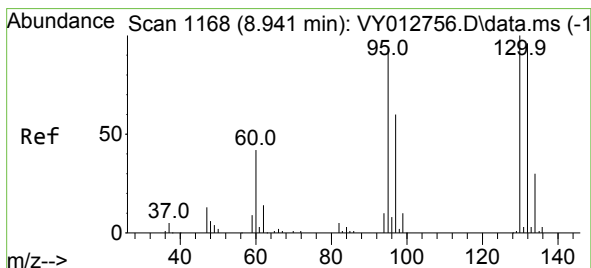
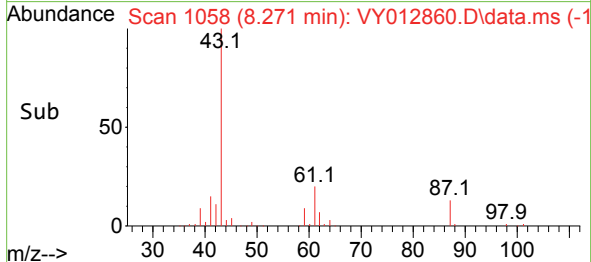
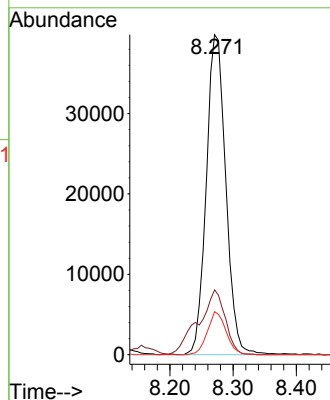
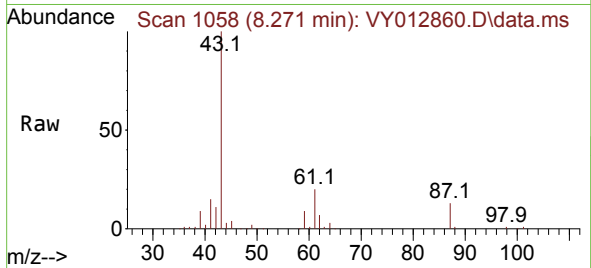




#43
Isopropyl Acetate
Concen: 49.750 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

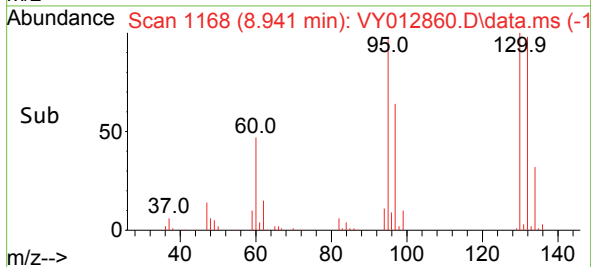
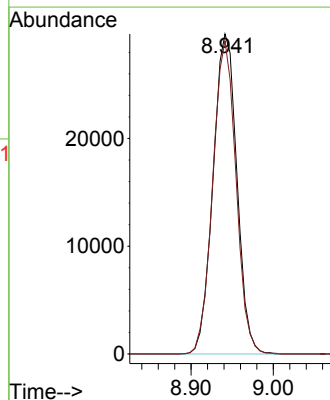
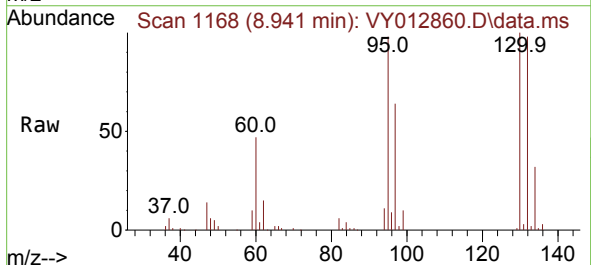
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

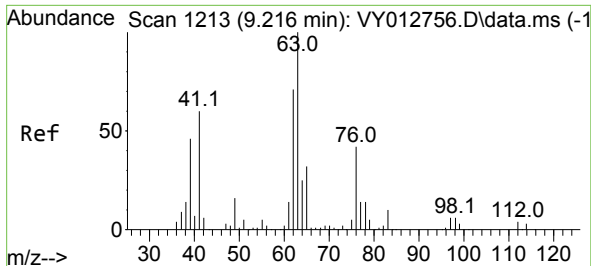
Tgt Ion: 43 Resp: 85626
Ion Ratio Lower Upper
43 100
61 27.7 21.6 32.4
87 12.9 9.9 14.9



#44
Trichloroethene
Concen: 52.248 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

Tgt Ion:130 Resp: 59641
Ion Ratio Lower Upper
130 100
95 97.9 0.0 185.0





#45

1,2-Dichloropropane

Concen: 50.938 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

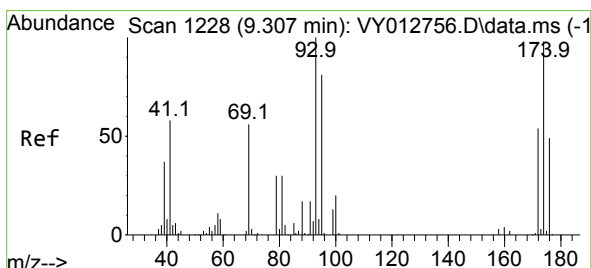
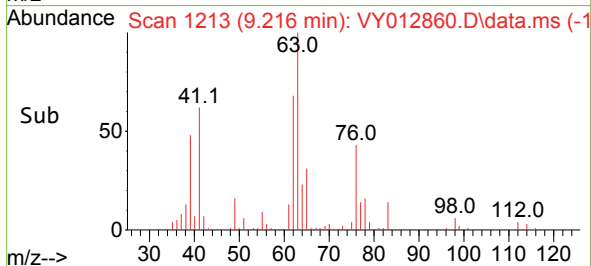
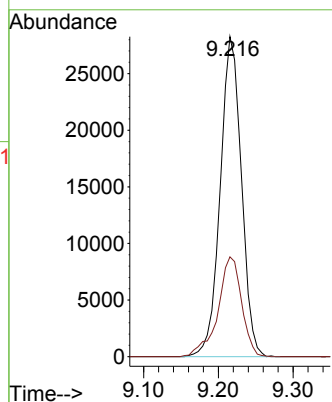
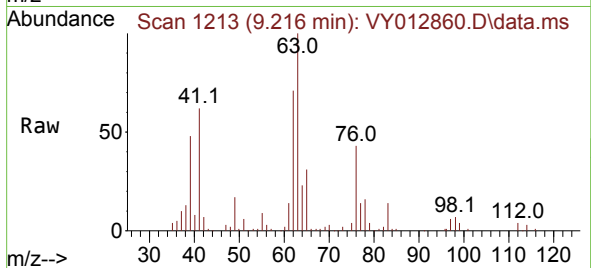
VSTDCCC050

Tgt Ion: 63 Resp: 55736

Ion Ratio Lower Upper

63 100

65 31.2 25.7 38.5



#46

Dibromomethane

Concen: 54.168 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

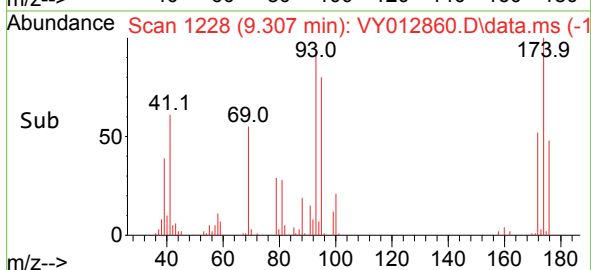
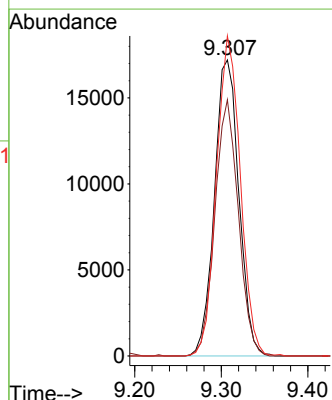
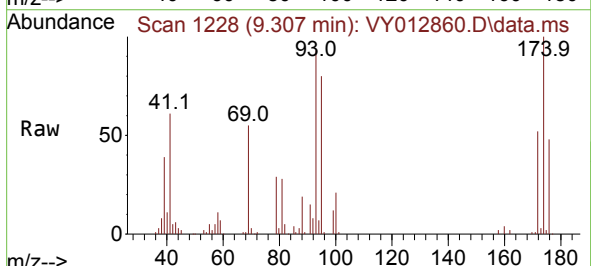
Tgt Ion: 93 Resp: 33766

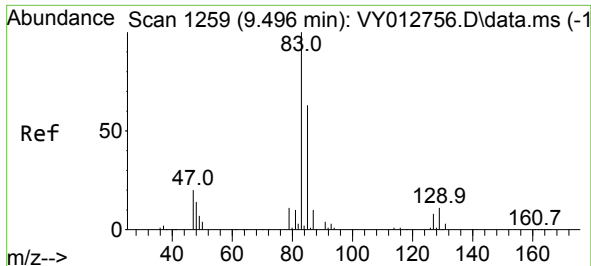
Ion Ratio Lower Upper

93 100

95 83.1 65.6 98.4

174 105.8 81.3 121.9

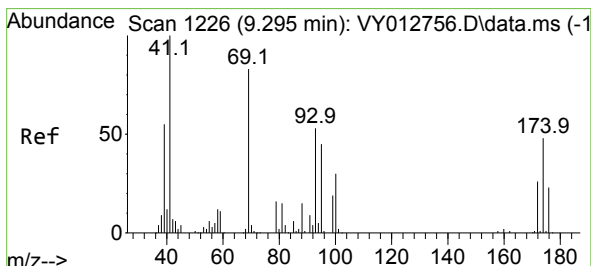
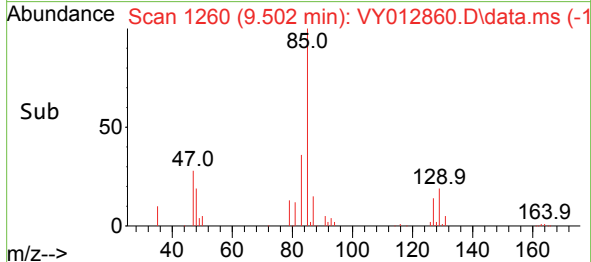
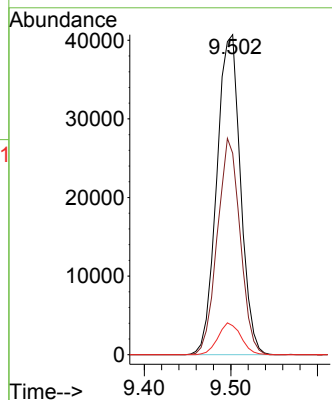
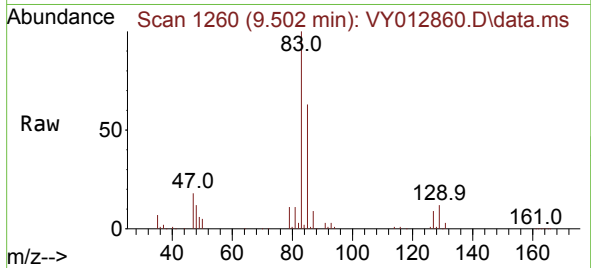




#47
Bromodichloromethane
Concen: 52.687 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

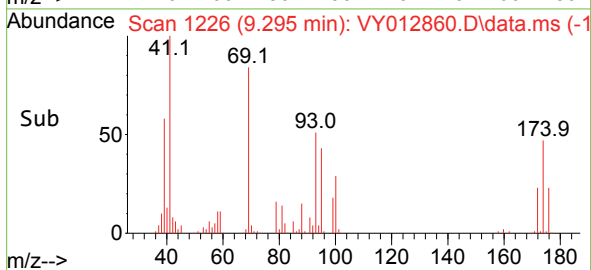
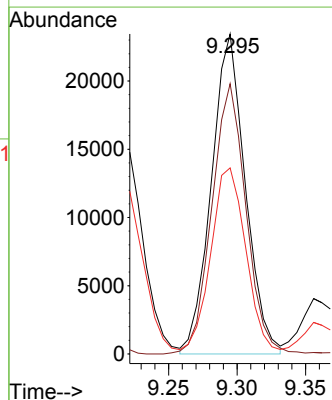
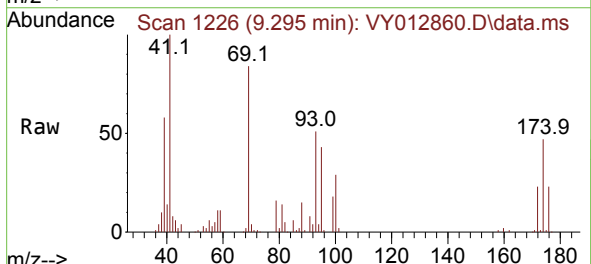
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

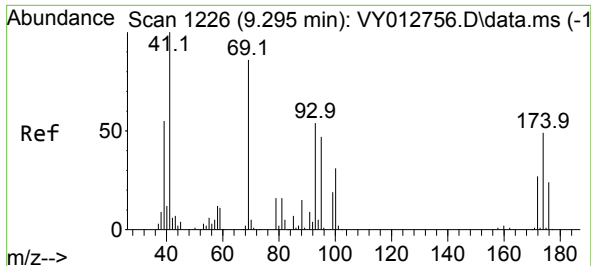
Tgt Ion: 83 Resp: 77396
Ion Ratio Lower Upper
83 100
85 62.9 50.2 75.4
127 9.0 6.3 9.5



#48
Methyl methacrylate
Concen: 50.878 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

Tgt Ion: 41 Resp: 40349
Ion Ratio Lower Upper
41 100
69 85.1 64.1 96.1
39 57.9 44.0 66.0





#49

1,4-Dioxane

Concen: 1155.675 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

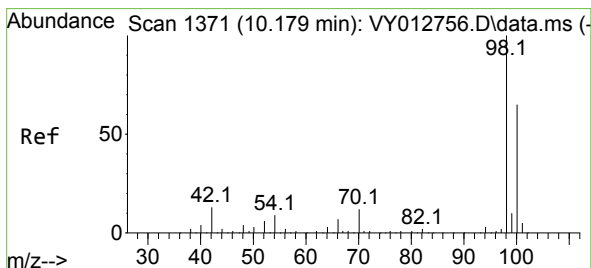
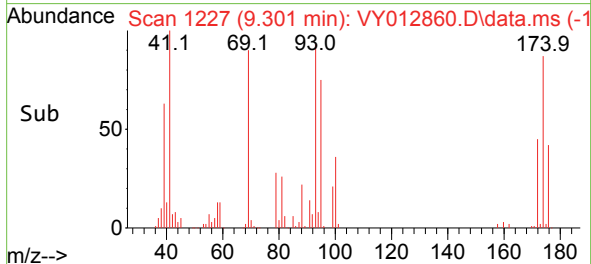
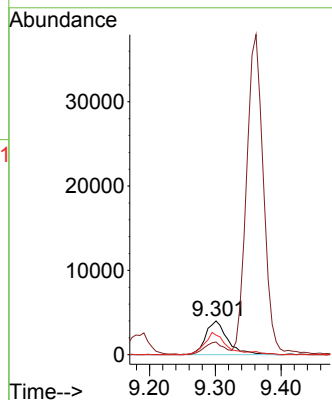
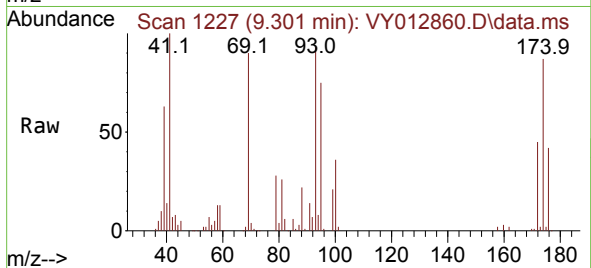
Tgt Ion: 88 Resp: 9313

Ion Ratio Lower Upper

88 100

43 34.0 28.6 42.8

58 60.9 55.2 82.8



#50

Toluene-d8

Concen: 45.841 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012860.D

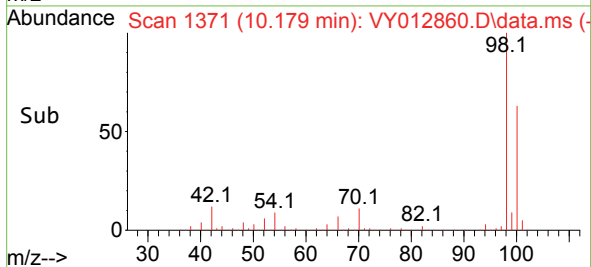
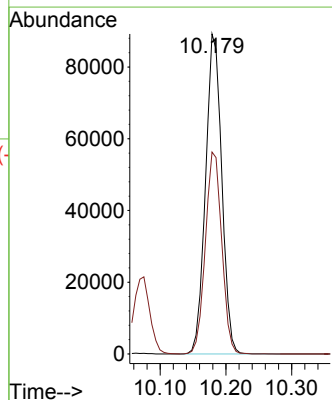
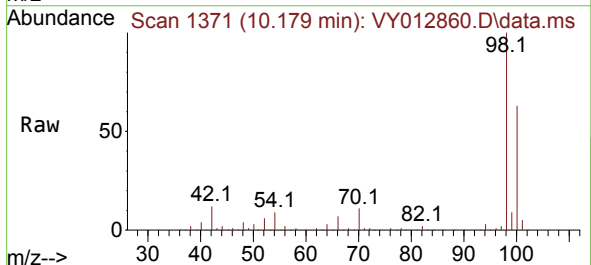
Acq: 08 Mar 2023 10:27

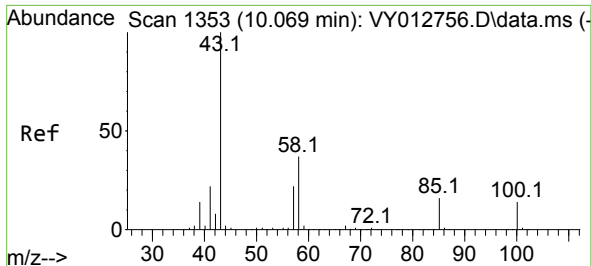
Tgt Ion: 98 Resp: 153064

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3

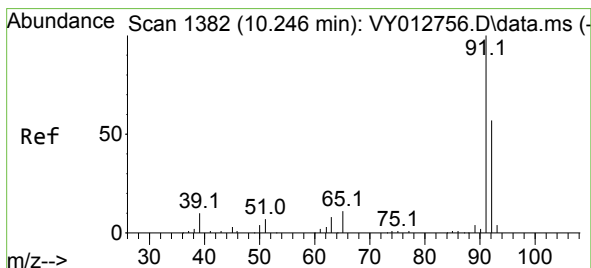
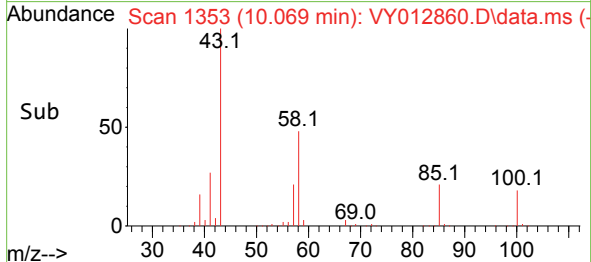
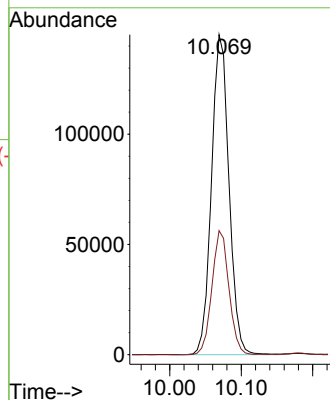
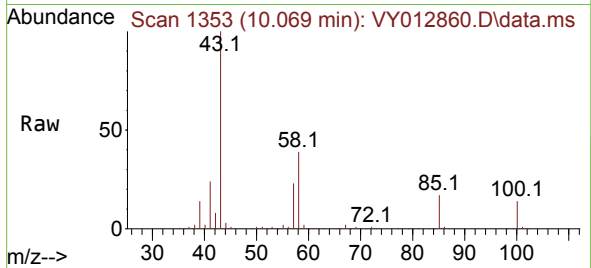




#51
4-Methyl-2-Pentanone
Concen: 263.900 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

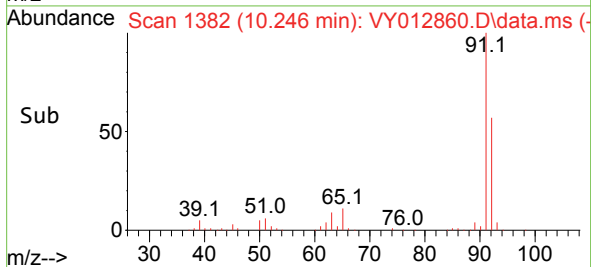
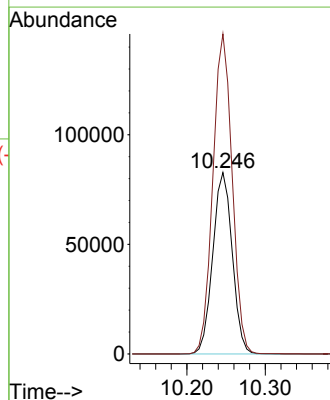
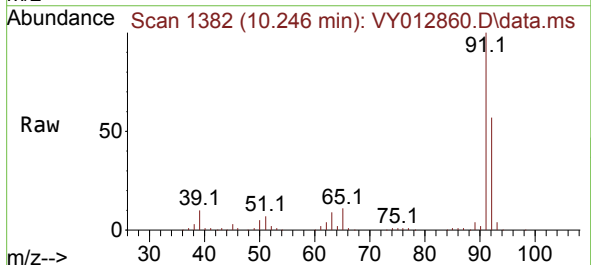
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

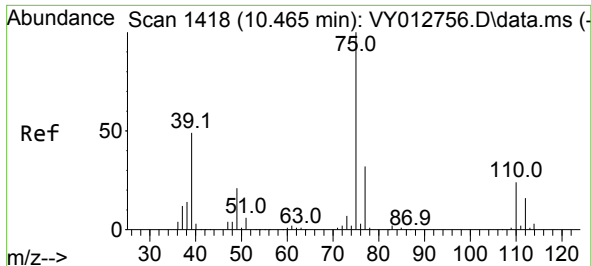
Tgt Ion: 43 Resp: 246377
Ion Ratio Lower Upper
43 100
58 37.8 29.8 44.6



#52
Toluene
Concen: 54.659 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

Tgt Ion: 92 Resp: 142718
Ion Ratio Lower Upper
92 100
91 174.7 141.3 211.9





#53

t-1,3-Dichloropropene

Concen: 53.643 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

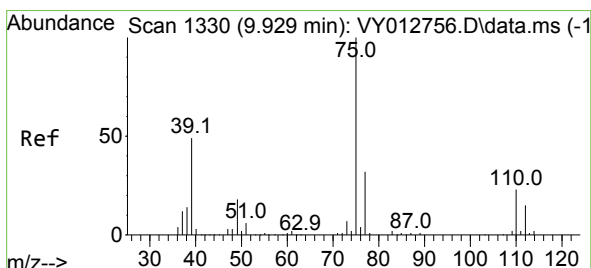
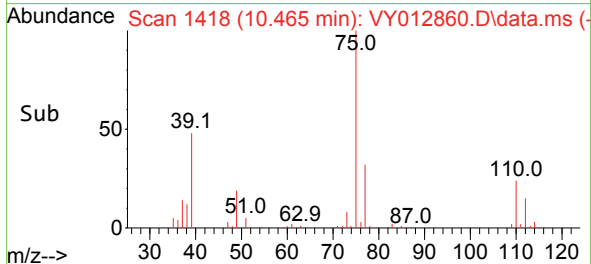
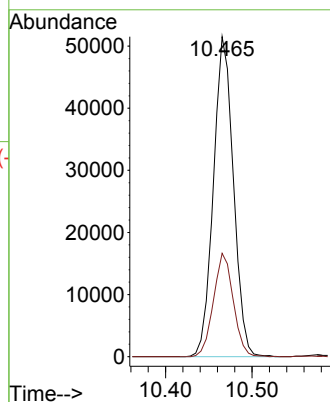
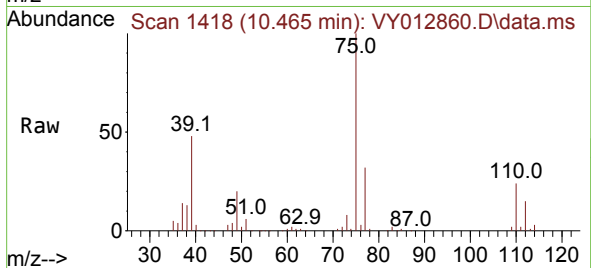
VSTDCCC050

Tgt Ion: 75 Resp: 82654

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 53.168 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. 0.000 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

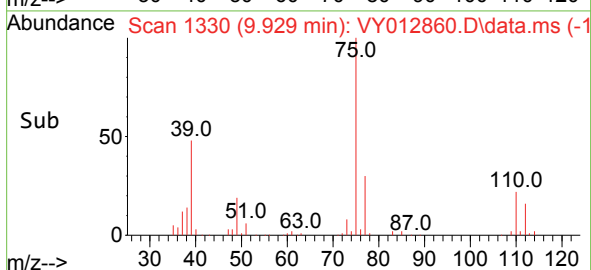
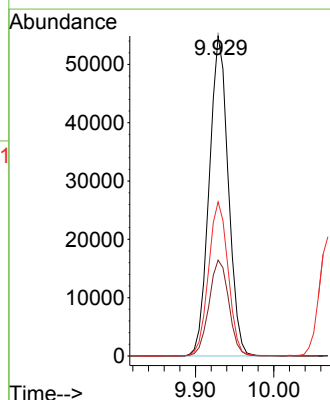
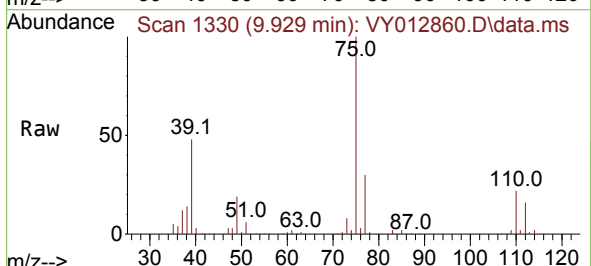
Tgt Ion: 75 Resp: 92724

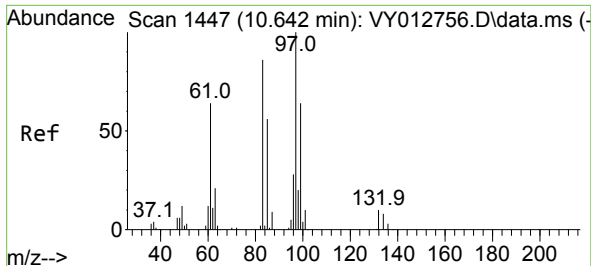
Ion Ratio Lower Upper

75 100

77 30.0 25.4 38.0

39 48.0 39.0 58.4

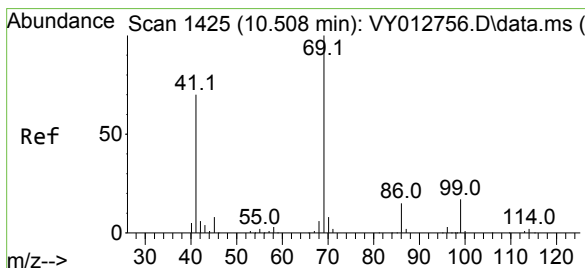
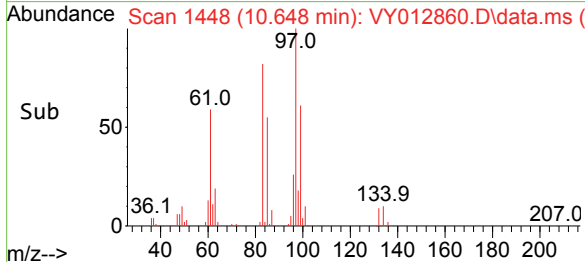
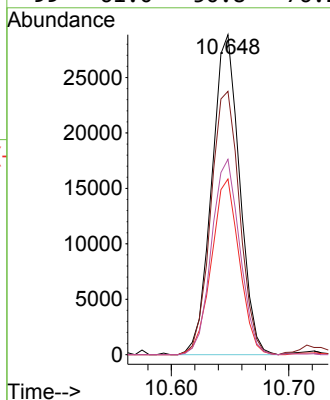
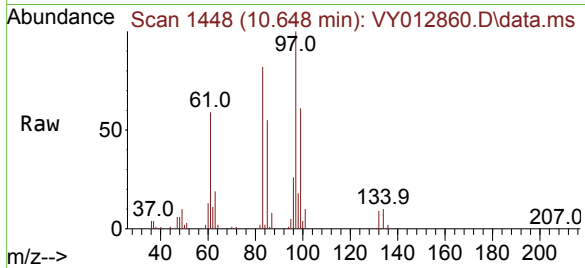




#55
1,1,2-Trichloroethane
Concen: 54.674 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

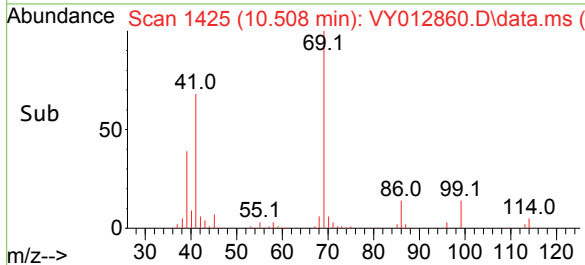
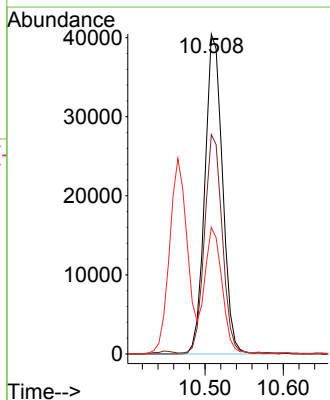
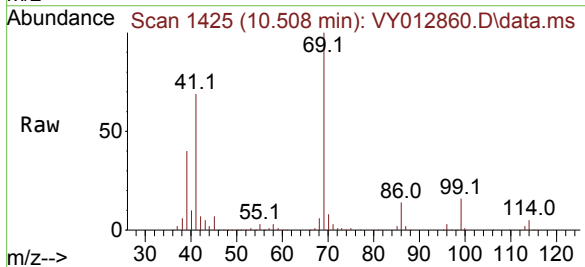
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

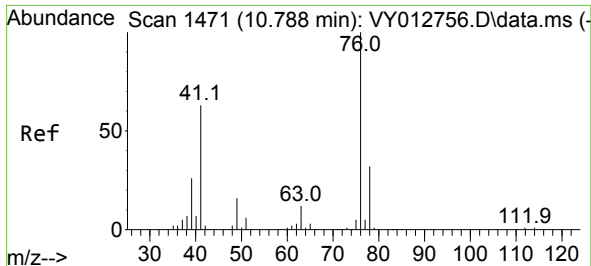
Tgt Ion:	97	Resp:	47464
Ion	Ratio	Lower	Upper
97	100		
83	82.3	69.0	103.6
85	54.9	44.9	67.3
99	61.0	50.8	76.2



#56
Ethyl methacrylate
Concen: 54.605 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

Tgt Ion:	69	Resp:	63208
Ion	Ratio	Lower	Upper
69	100		
41	68.9	56.4	84.6
39	38.4	30.8	46.2

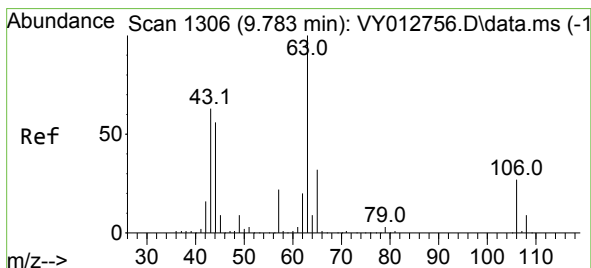
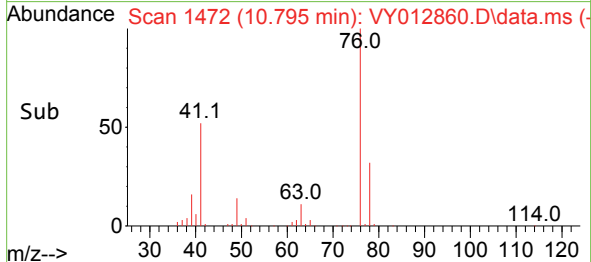
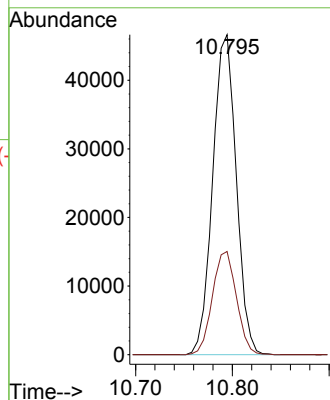
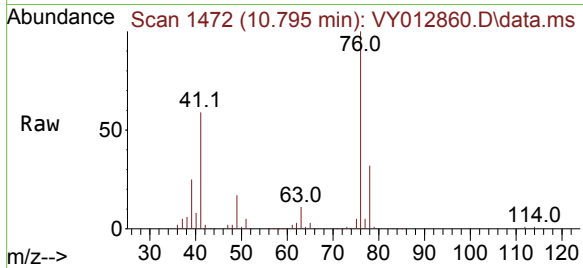




#57
1,3-Dichloropropane
Concen: 53.266 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

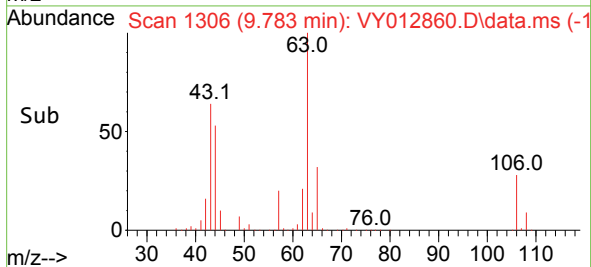
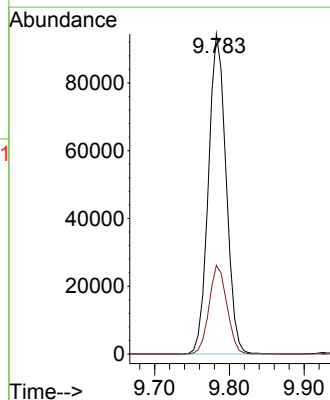
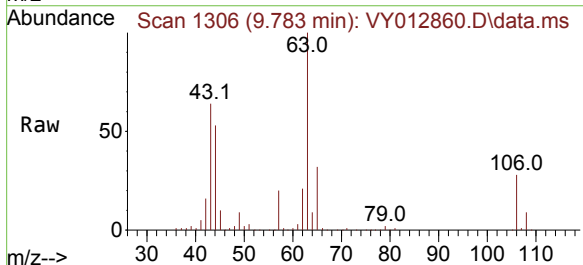
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

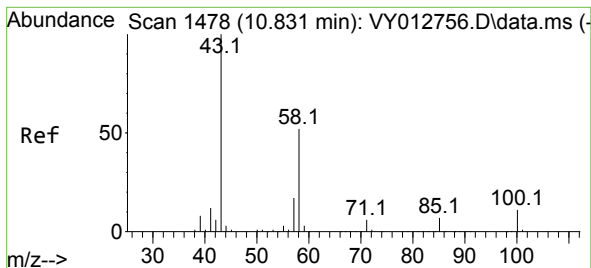
Tgt Ion: 76 Resp: 78761
Ion Ratio Lower Upper
76 100
78 33.0 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 254.902 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

Tgt Ion: 63 Resp: 154895
Ion Ratio Lower Upper
63 100
106 27.9 22.1 33.1

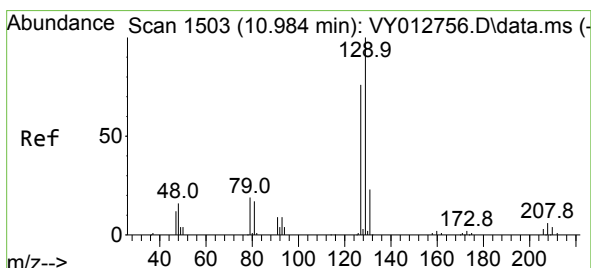
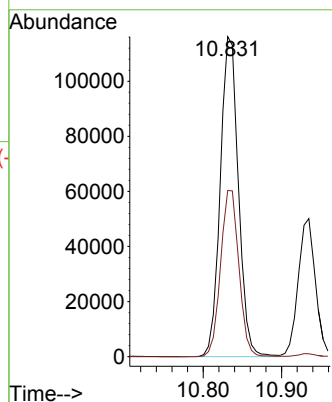
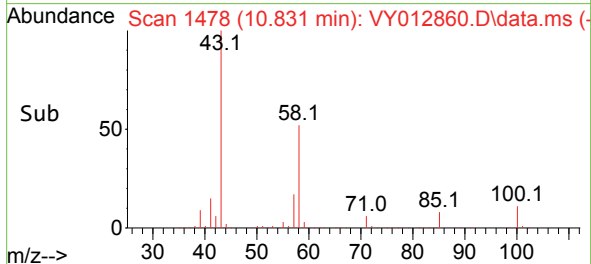
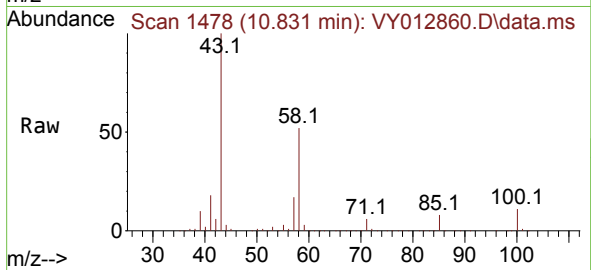




#59
2-Hexanone
Concen: 275.818 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

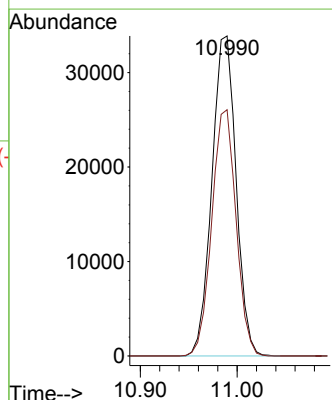
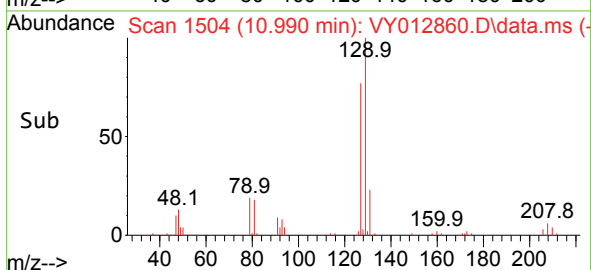
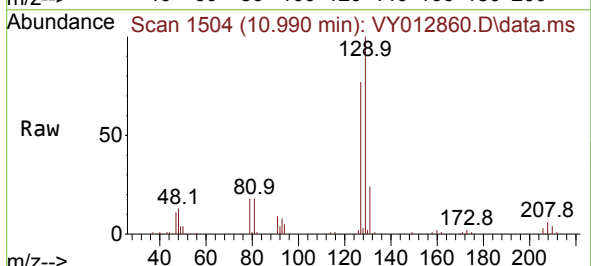
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

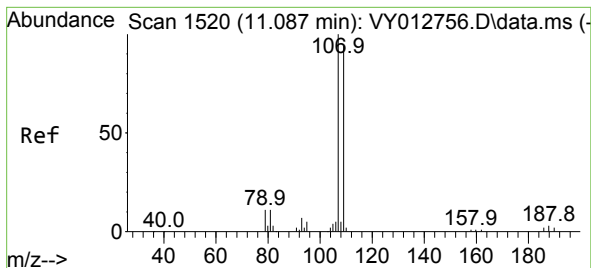
Tgt Ion: 43 Resp: 187149
Ion Ratio Lower Upper
43 100
58 52.5 25.9 77.8



#60
Dibromochloromethane
Concen: 55.691 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

Tgt Ion: 129 Resp: 58851
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1





#61

1,2-Dibromoethane

Concen: 53.856 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

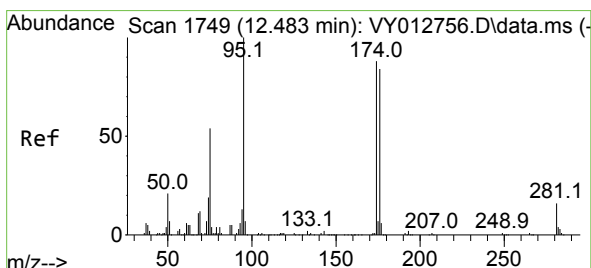
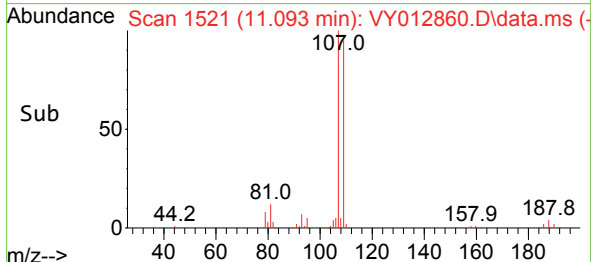
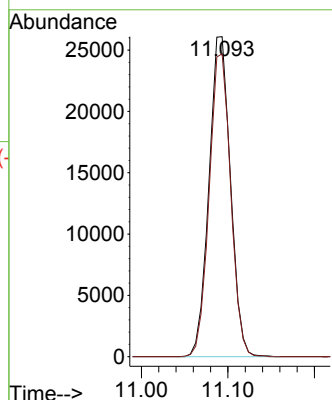
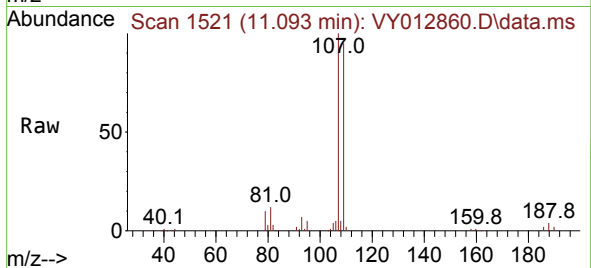
VSTDCCC050

Tgt Ion:107 Resp: 45037

Ion Ratio Lower Upper

107 100

109 94.1 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 48.013 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

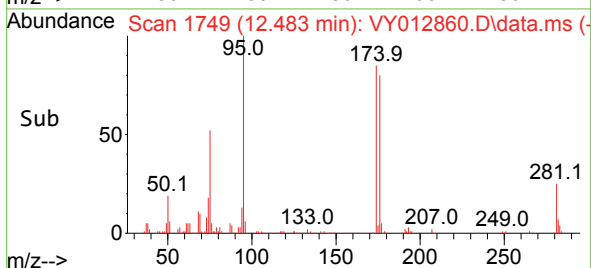
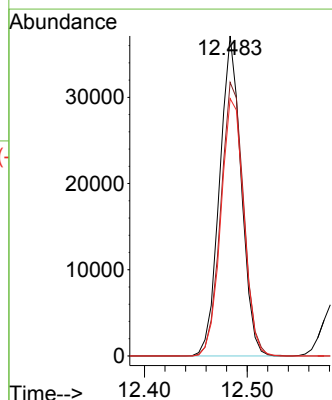
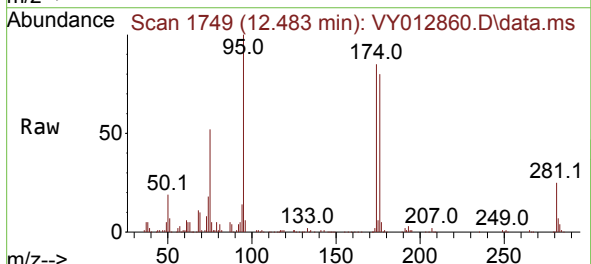
Tgt Ion: 95 Resp: 54110

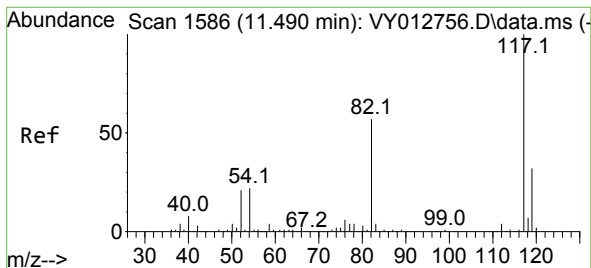
Ion Ratio Lower Upper

95 100

174 90.5 0.0 176.6

176 85.5 0.0 170.2

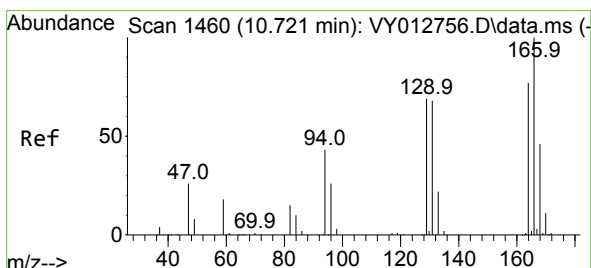
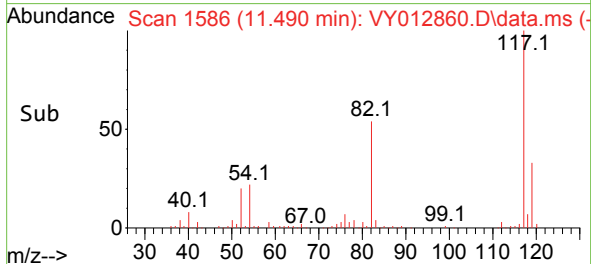
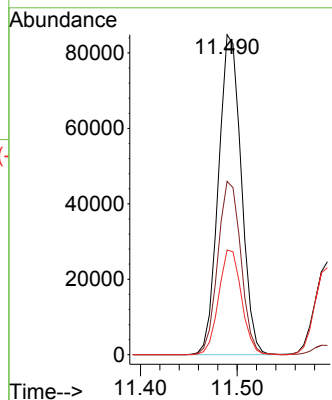
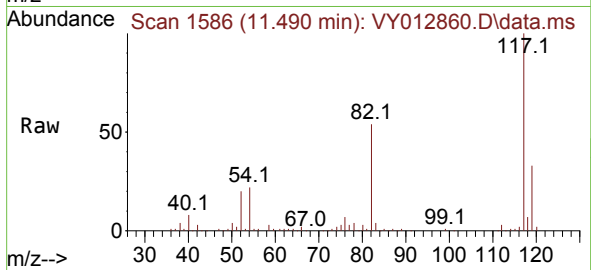




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

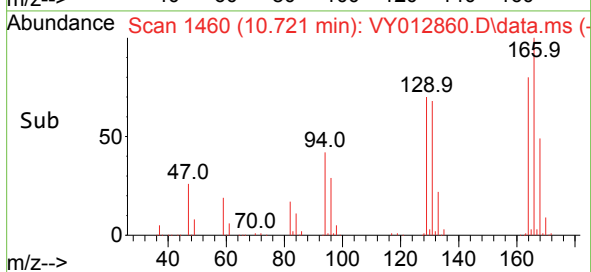
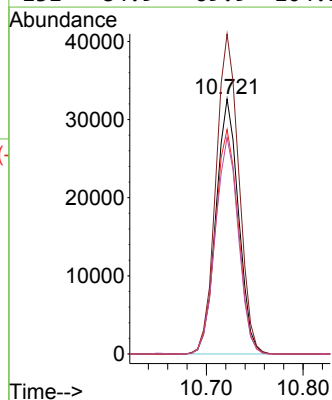
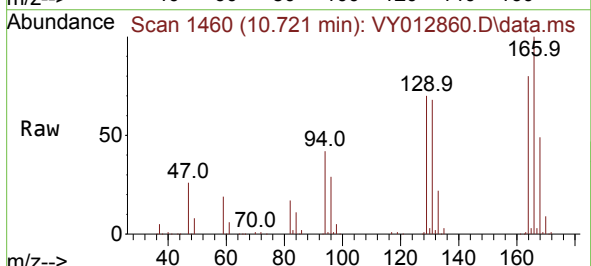
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

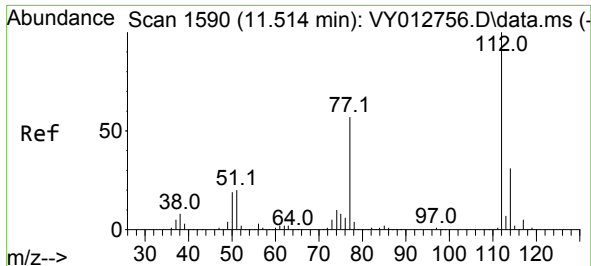
Tgt Ion:117 Resp: 138704
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.0
119 32.7 25.6 38.4



#64
Tetrachloroethene
Concen: 52.393 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

Tgt Ion:164 Resp: 52910
Ion Ratio Lower Upper
164 100
166 125.5 103.4 155.2
129 88.0 71.4 107.2
131 84.9 69.9 104.9

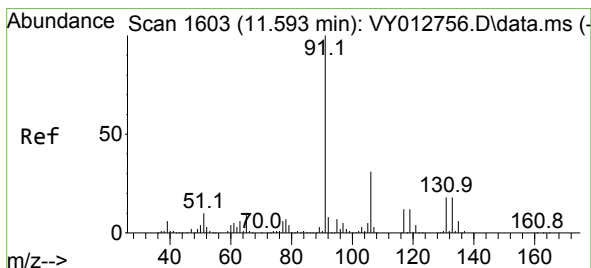
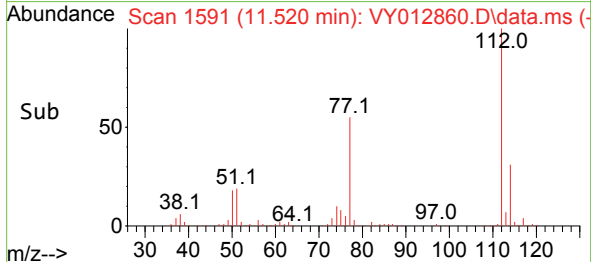
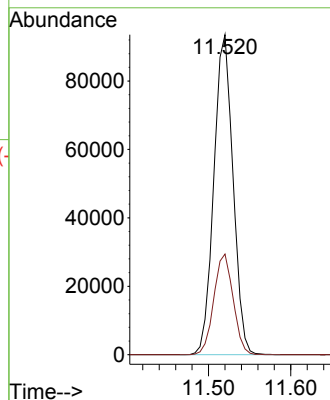
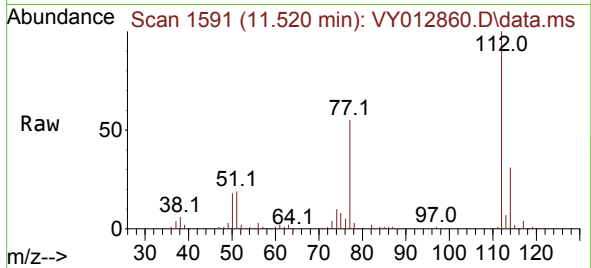




#65
Chlorobenzene
Concen: 52.054 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

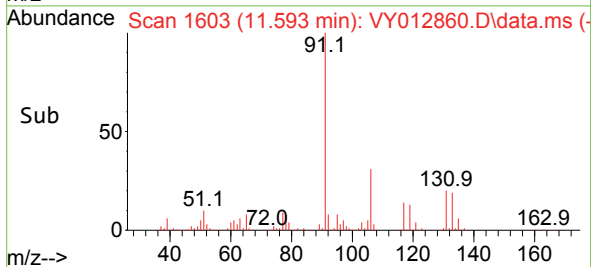
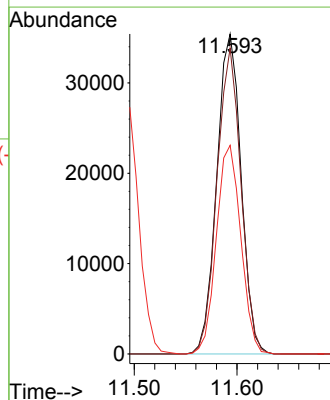
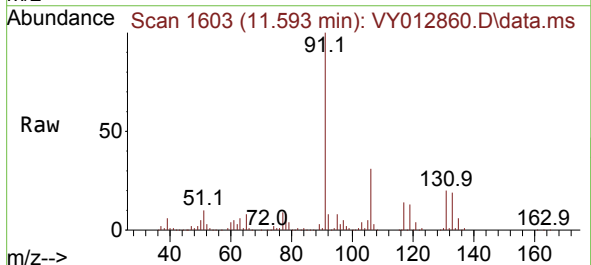
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

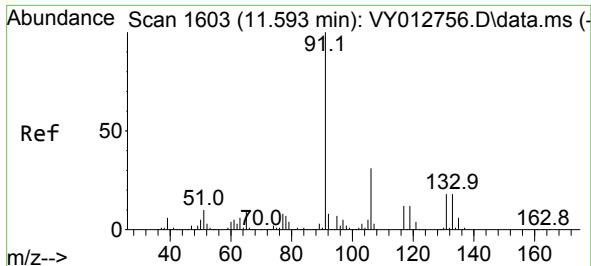
Tgt Ion:112 Resp: 151533
Ion Ratio Lower Upper
112 100
114 31.4 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 54.120 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

Tgt Ion:131 Resp: 58297
Ion Ratio Lower Upper
131 100
133 94.2 48.0 144.0
119 65.5 32.6 98.0

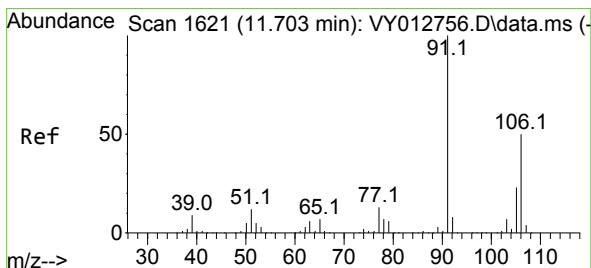
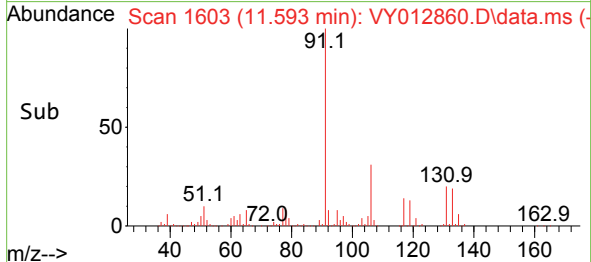
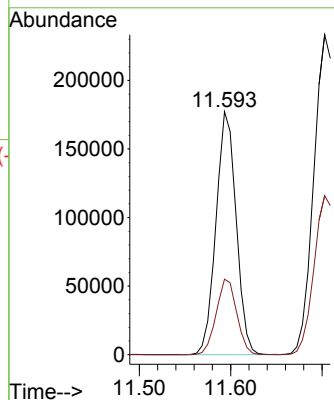
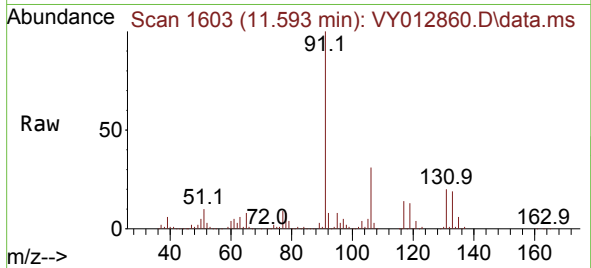




#67
Ethyl Benzene
Concen: 53.185 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

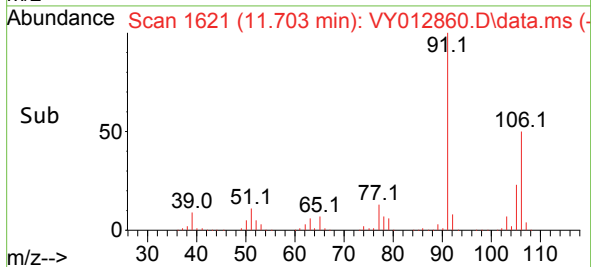
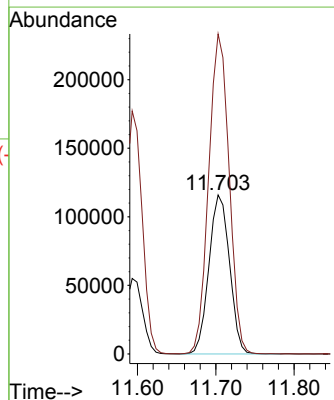
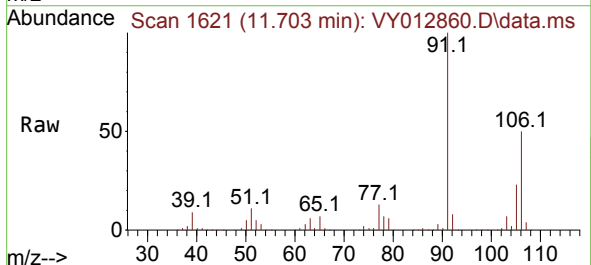
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

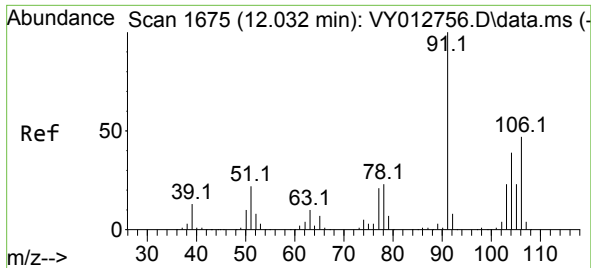
Tgt Ion: 91 Resp: 272204
Ion Ratio Lower Upper
91 100
106 31.0 25.1 37.7



#68
m/p-Xylenes
Concen: 107.605 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

Tgt Ion:106 Resp: 211865
Ion Ratio Lower Upper
106 100
91 199.3 159.8 239.8

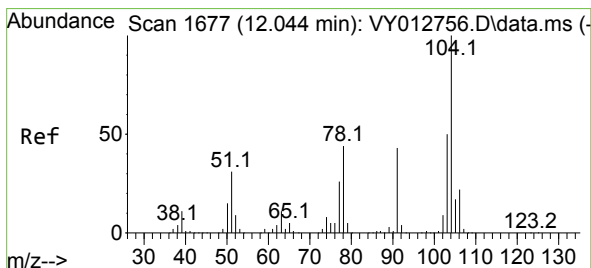
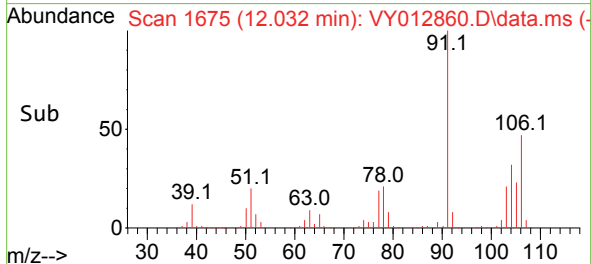
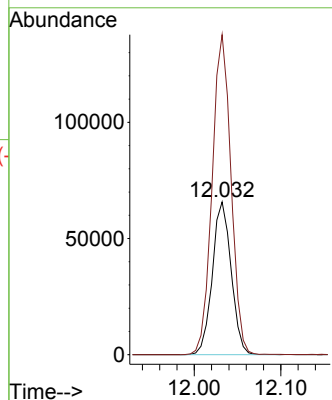
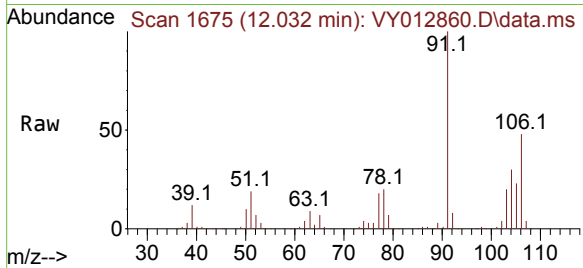




#69
o-Xylene
Concen: 53.973 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

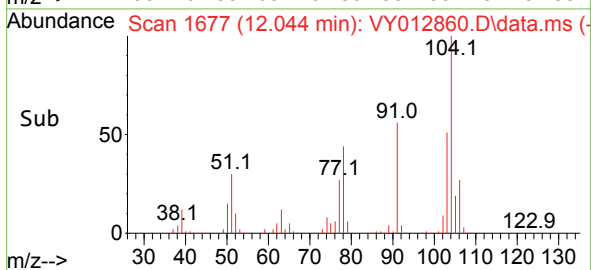
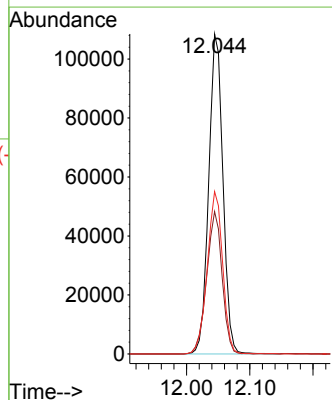
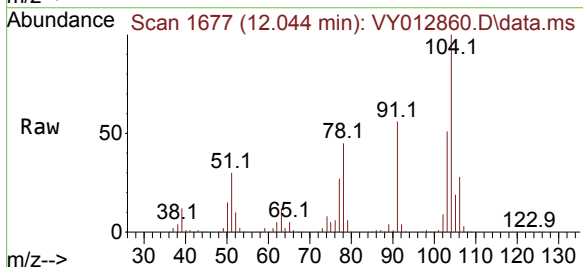
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 99179
Ion Ratio Lower Upper
106 100
91 210.4 107.2 321.6



#70
Styrene
Concen: 55.451 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

Tgt Ion:104 Resp: 170040
Ion Ratio Lower Upper
104 100
78 48.4 39.2 58.8
103 54.9 43.7 65.5





#71

Bromoform

Concen: 55.236 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

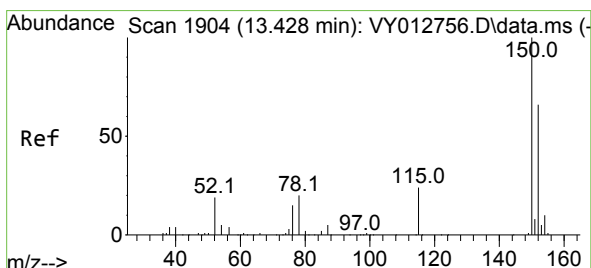
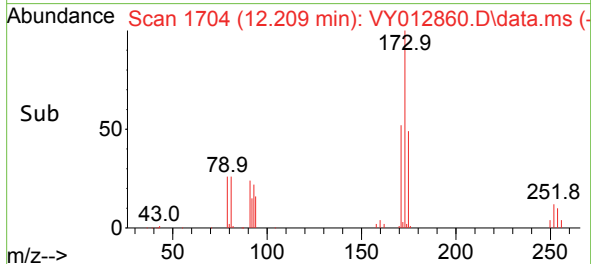
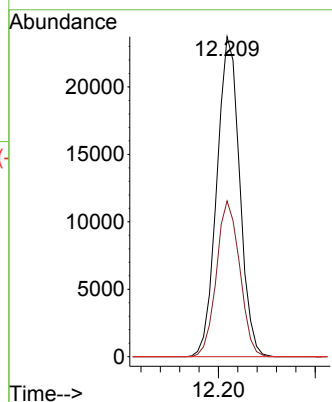
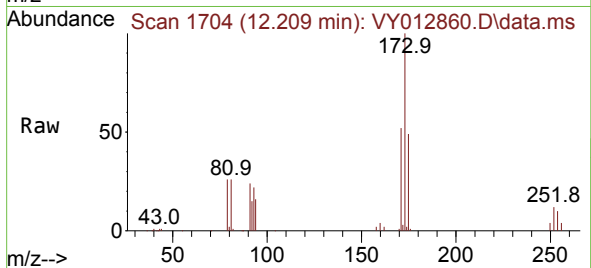
Tgt Ion:173 Resp: 38794

Ion Ratio Lower Upper

173 100

175 49.6 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

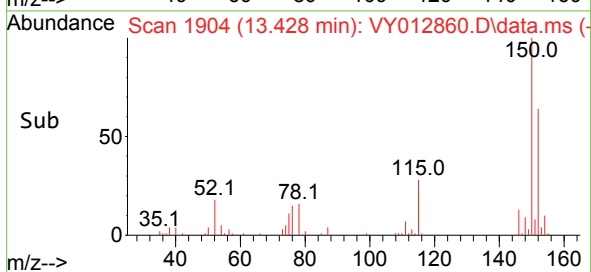
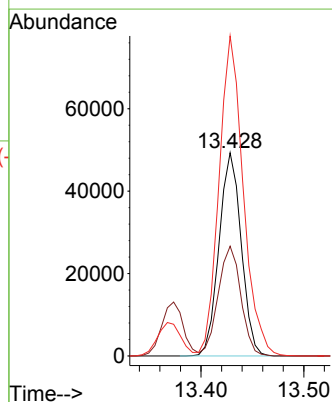
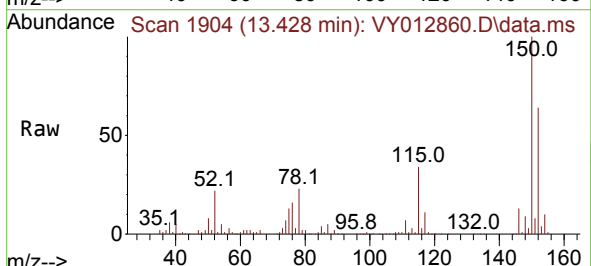
Tgt Ion:152 Resp: 73858

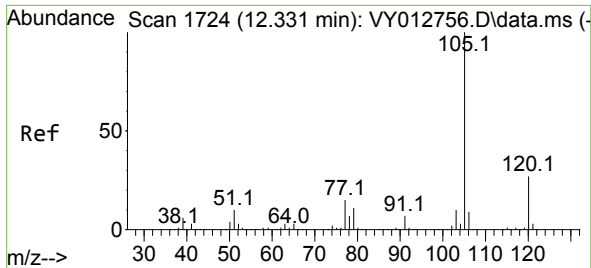
Ion Ratio Lower Upper

152 100

115 55.4 27.1 81.3

150 172.5 0.0 347.8

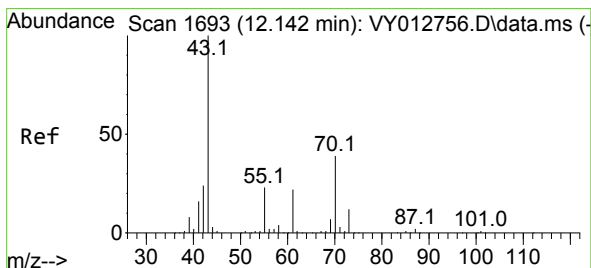
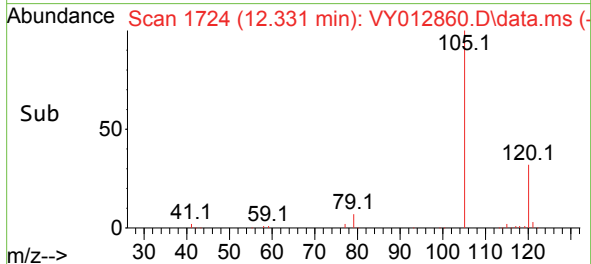
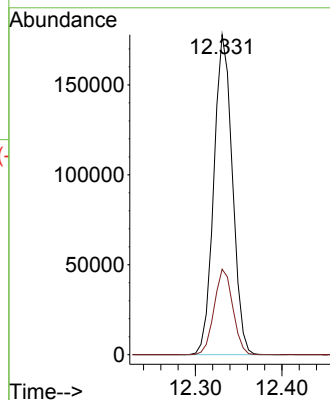
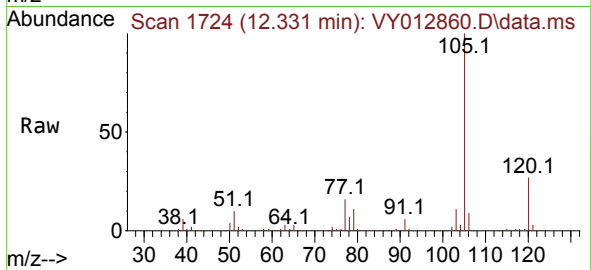




#73
Isopropylbenzene
Concen: 50.520 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

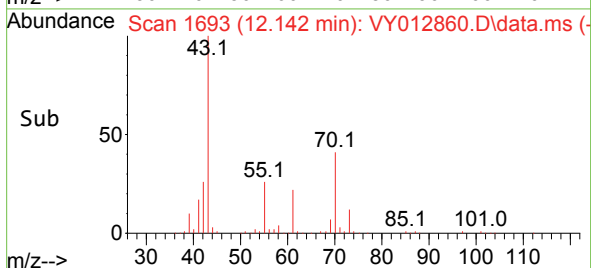
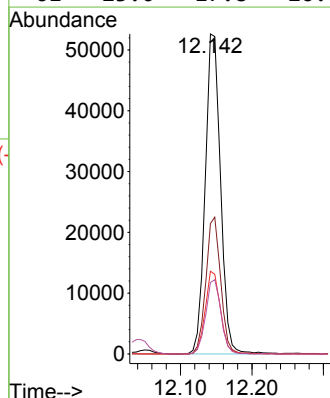
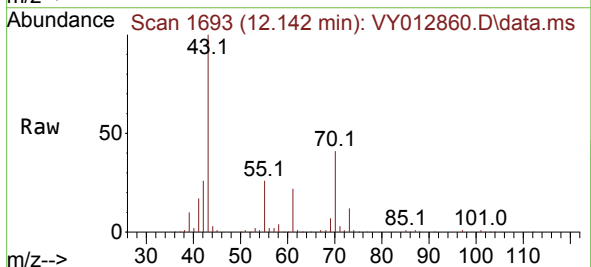
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

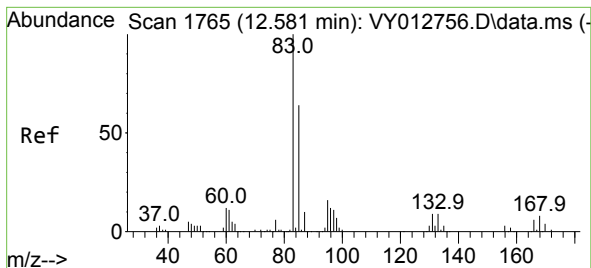
Tgt Ion:105 Resp: 264439
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 47.677 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

Tgt Ion: 43 Resp: 78521
Ion Ratio Lower Upper
43 100
70 41.4 31.6 47.4
55 25.7 18.8 28.2
61 23.0 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.519 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

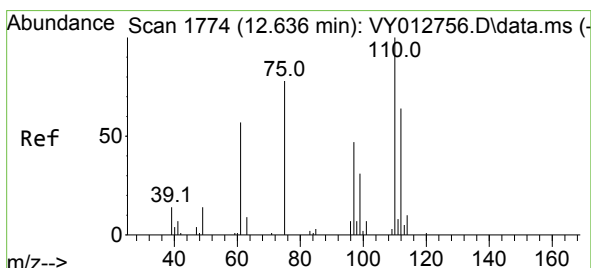
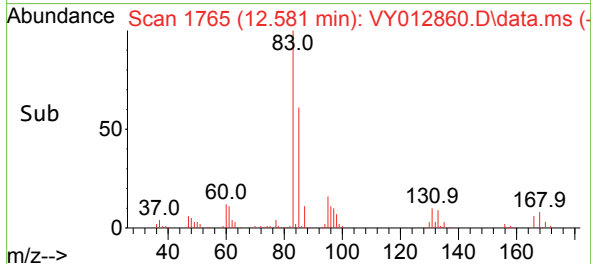
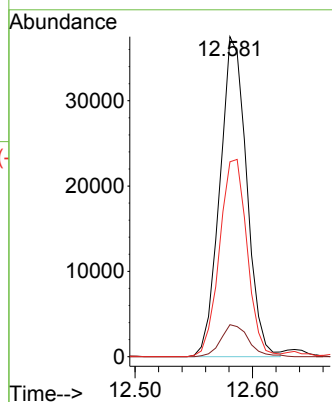
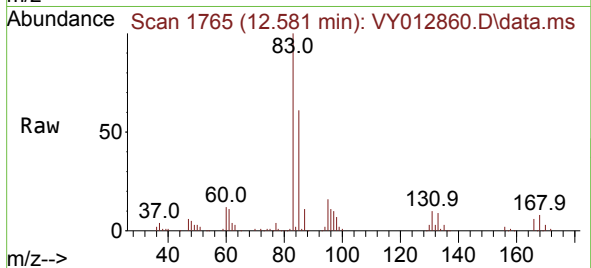
Tgt Ion: 83 Resp: 59443

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.2

85 63.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 86.329 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY012860.D

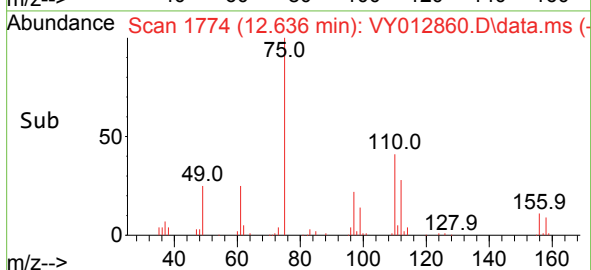
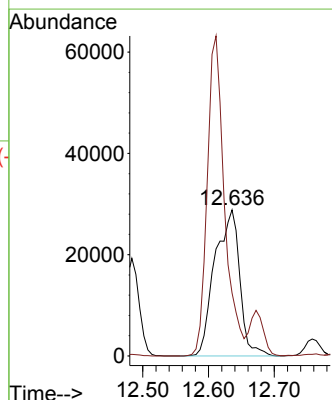
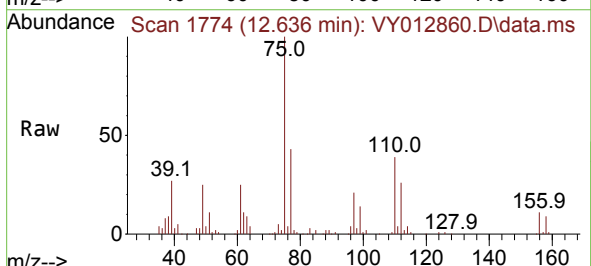
Acq: 08 Mar 2023 10:27

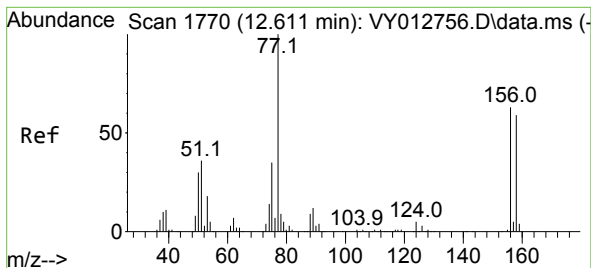
Tgt Ion: 75 Resp: 76141

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.886 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

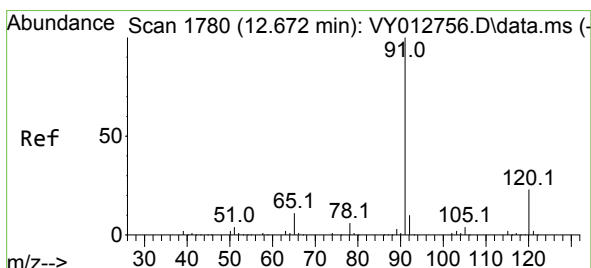
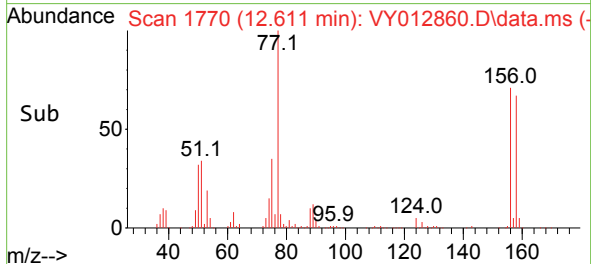
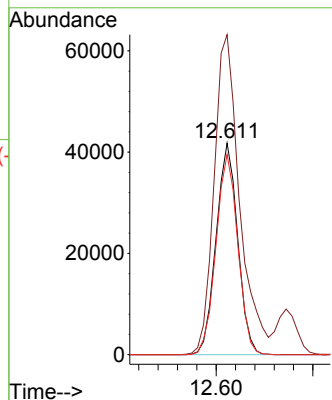
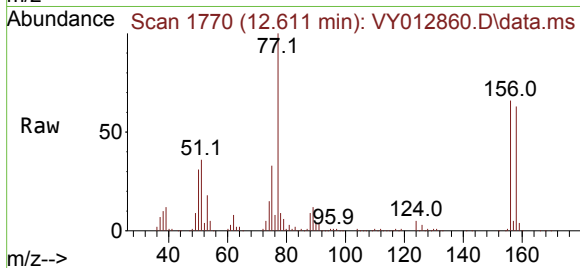
Tgt Ion:156 Resp: 64707

Ion Ratio Lower Upper

156 100

77 178.9 94.0 282.1

158 95.2 48.1 144.4



#78

n-propylbenzene

Concen: 51.198 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012860.D

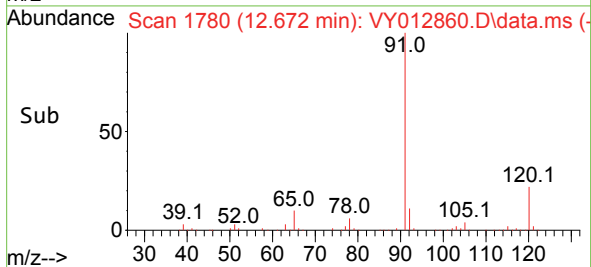
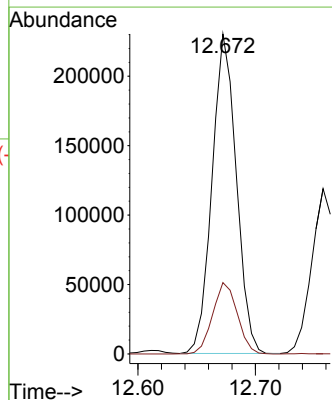
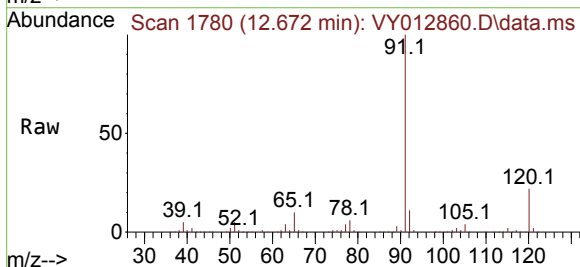
Acq: 08 Mar 2023 10:27

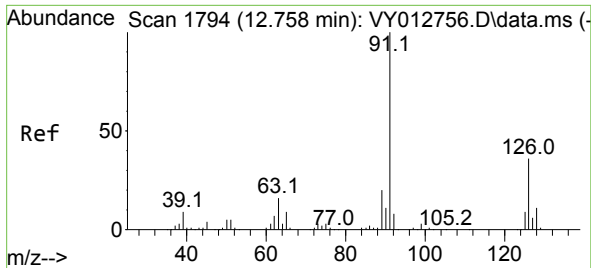
Tgt Ion: 91 Resp: 330402

Ion Ratio Lower Upper

91 100

120 22.7 11.6 34.8

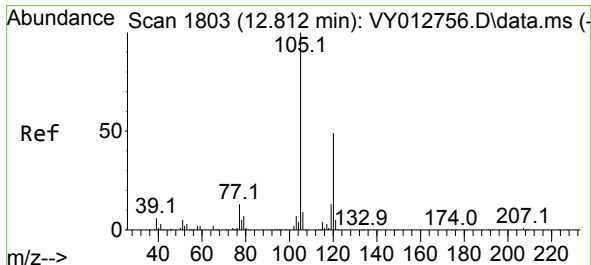
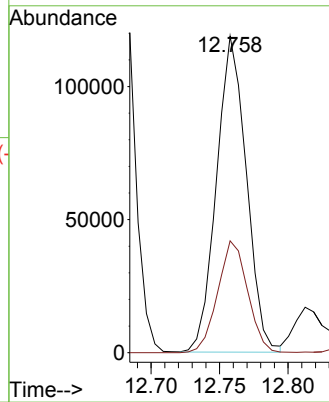
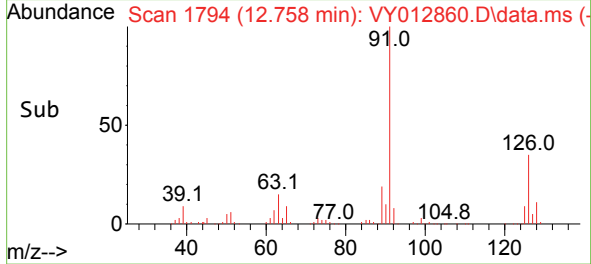
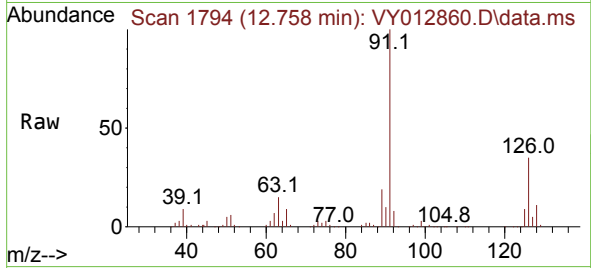




#79
2-Chlorotoluene
Concen: 50.236 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

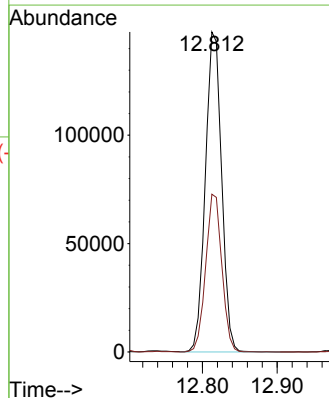
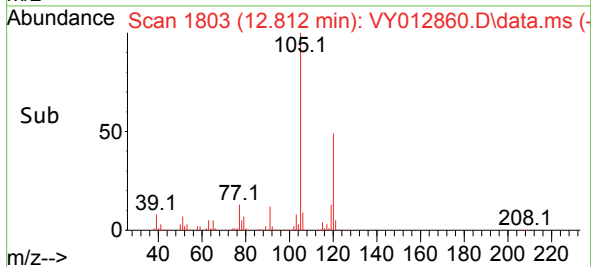
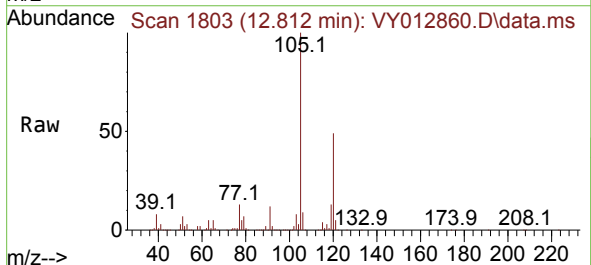
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 180180
Ion Ratio Lower Upper
91 100
126 35.5 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 51.618 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

Tgt Ion:105 Resp: 222976
Ion Ratio Lower Upper
105 100
120 49.0 24.8 74.4

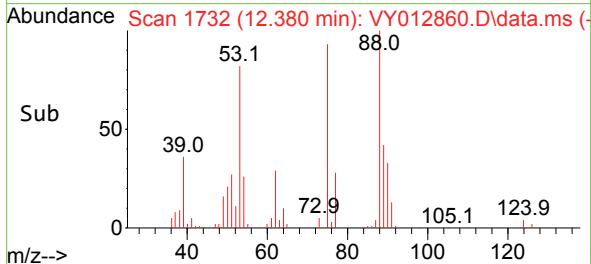
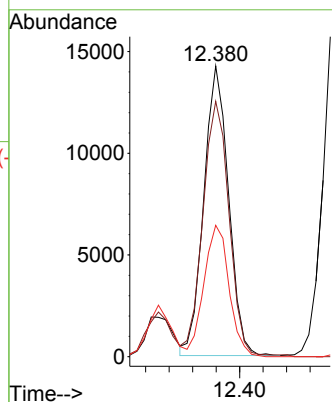
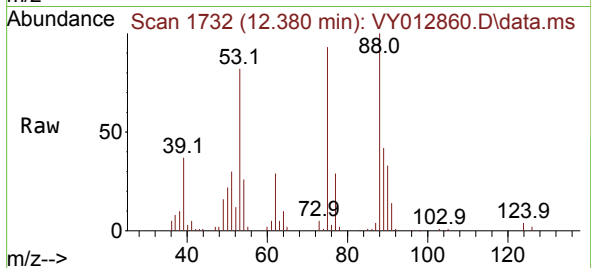




#81
trans-1,4-Dichloro-2-butene
Concen: 48.884 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

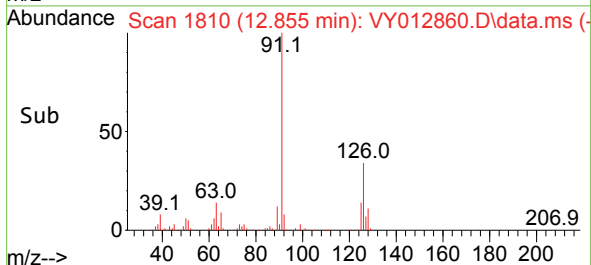
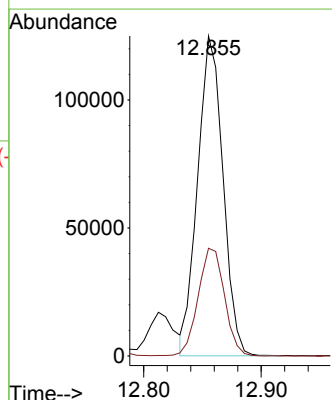
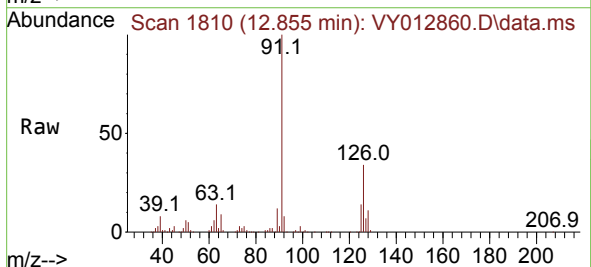
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

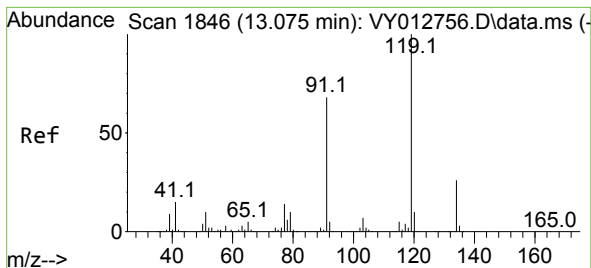
Tgt Ion:	75	Resp:	20808
Ion	Ratio	Lower	Upper
75	100		
53	94.0	73.4	110.0
89	46.0	36.6	55.0



#82
4-Chlorotoluene
Concen: 50.430 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012860.D
Acq: 08 Mar 2023 10:27

Tgt Ion:	91	Resp:	187235
Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.7	53.1





#83

tert-Butylbenzene

Concen: 52.593 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

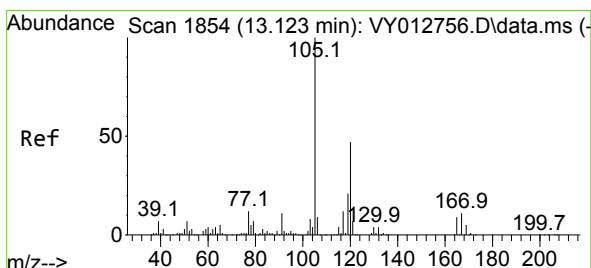
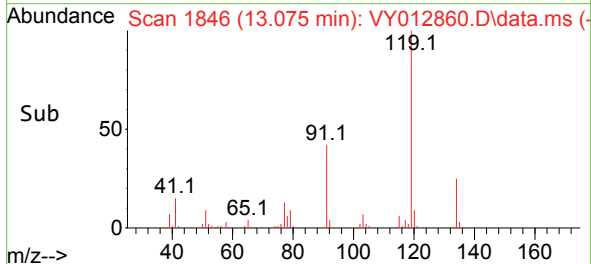
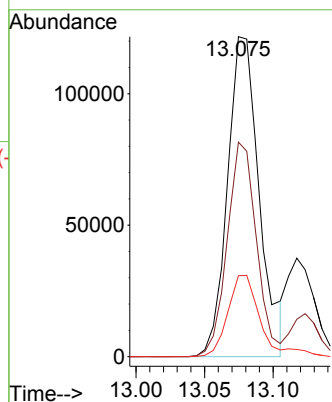
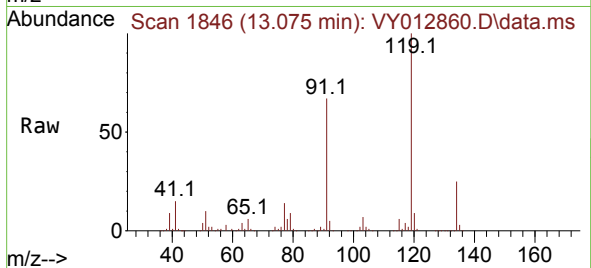
Tgt Ion:119 Resp: 196090

Ion Ratio Lower Upper

119 100

91 62.1 32.8 98.3

134 26.1 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 52.474 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY012860.D

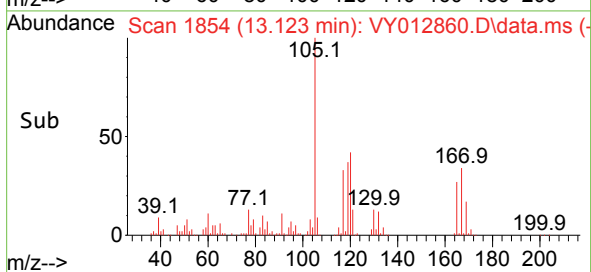
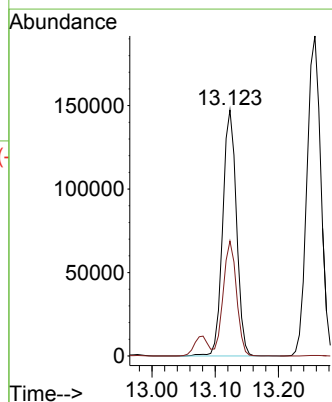
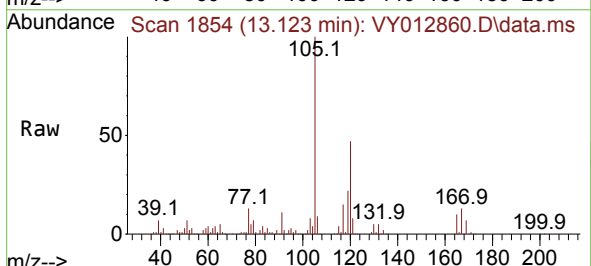
Acq: 08 Mar 2023 10:27

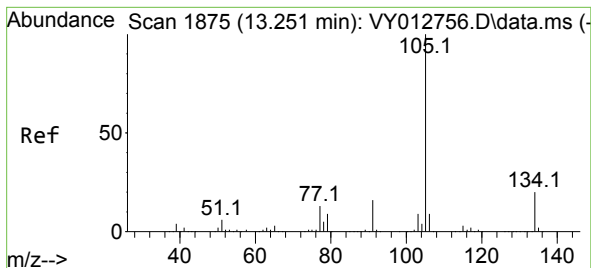
Tgt Ion:105 Resp: 221652

Ion Ratio Lower Upper

105 100

120 45.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 51.204 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

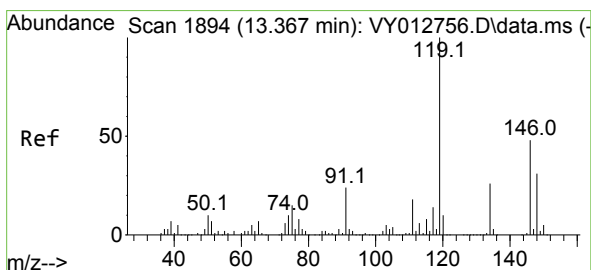
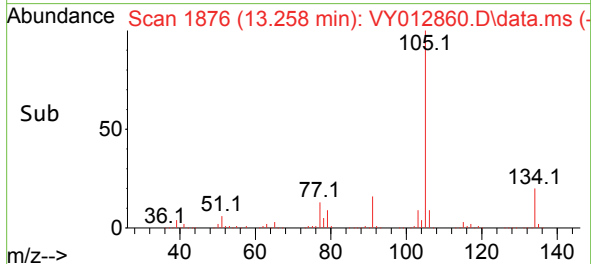
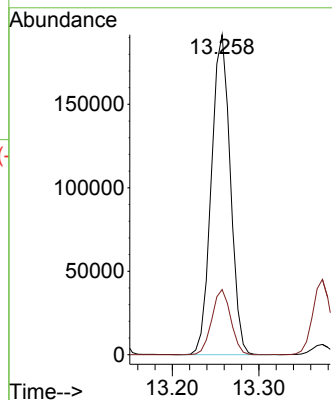
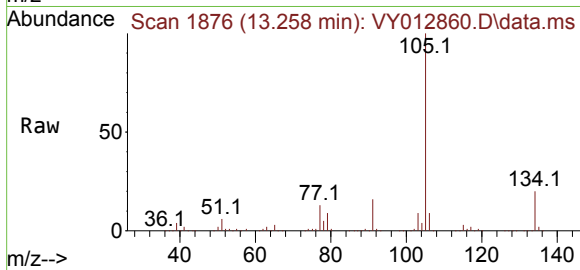
VSTDCCC050

Tgt Ion:105 Resp: 291248

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.1



#86

p-Isopropyltoluene

Concen: 51.769 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

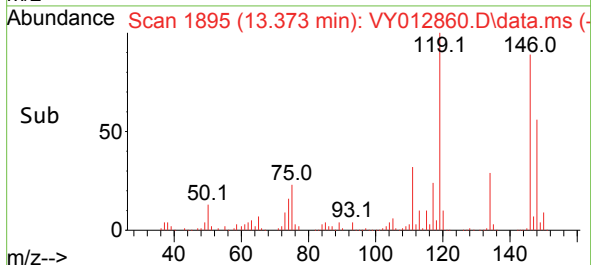
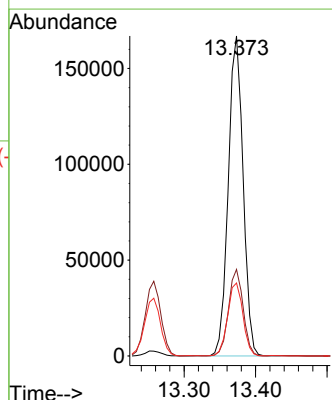
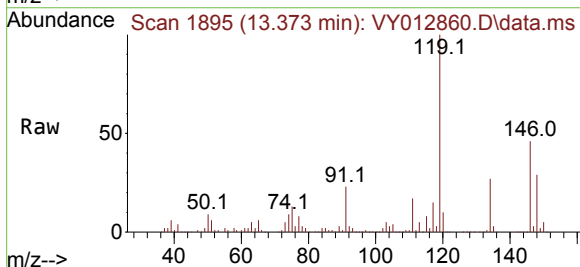
Tgt Ion:119 Resp: 240661

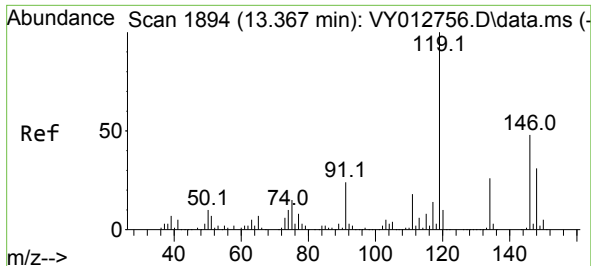
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.6

91 23.3 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 51.721 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

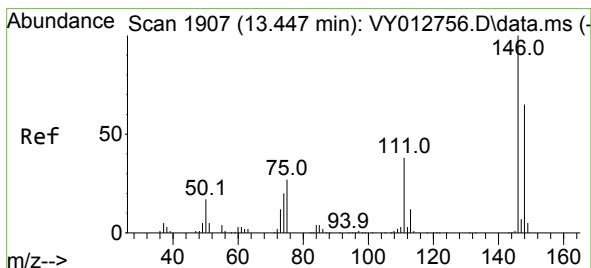
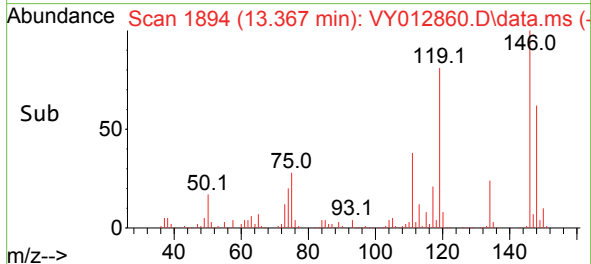
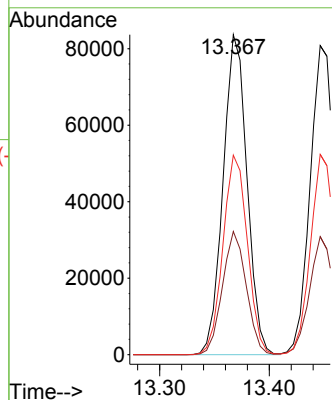
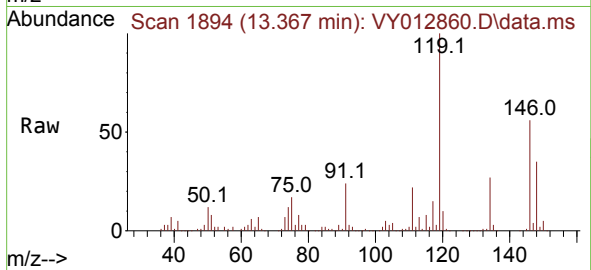
Tgt Ion:146 Resp: 126845

Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.5

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 50.560 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

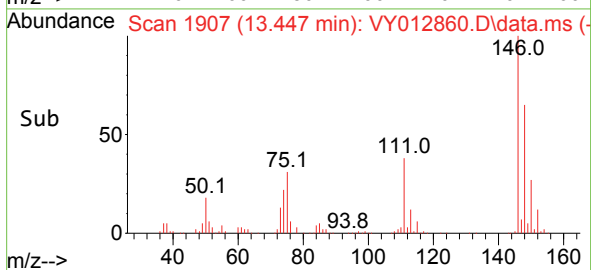
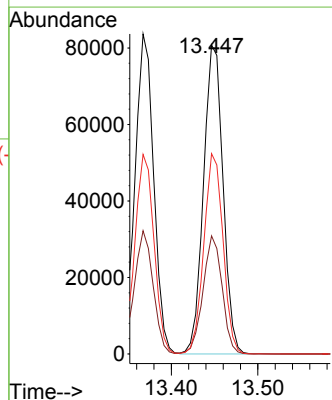
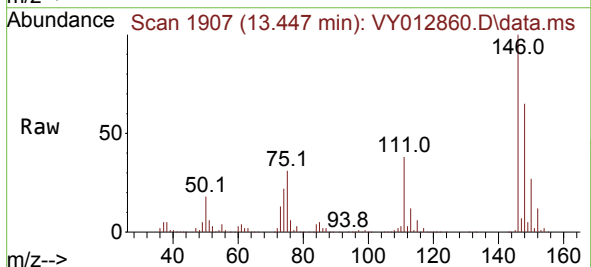
Tgt Ion:146 Resp: 126553

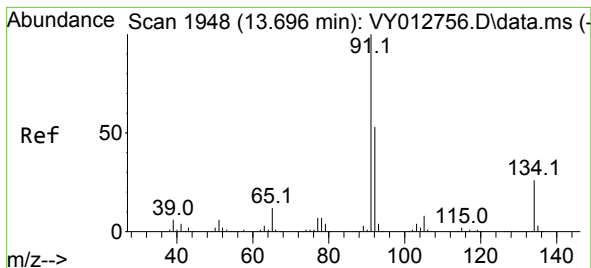
Ion Ratio Lower Upper

146 100

111 37.4 18.6 55.8

148 63.8 31.5 94.5





#89

n-Butylbenzene

Concen: 50.842 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

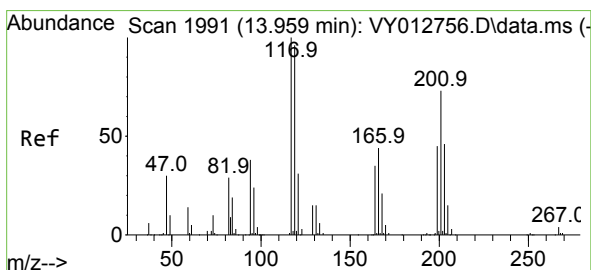
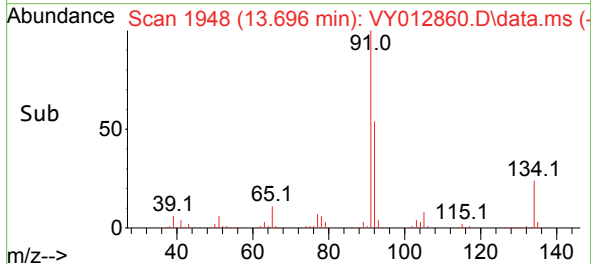
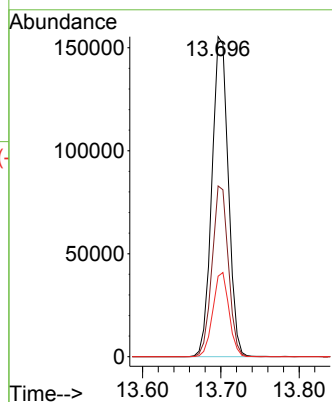
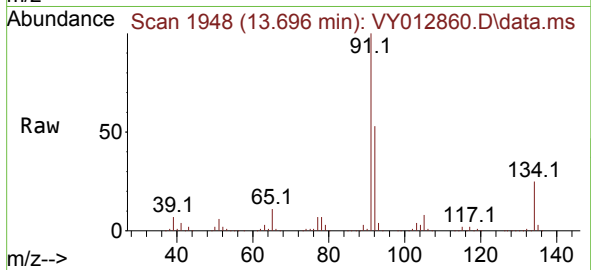
Tgt Ion: 91 Resp: 226262

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.0

134 25.8 13.0 38.9



#90

Hexachloroethane

Concen: 49.871 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY012860.D

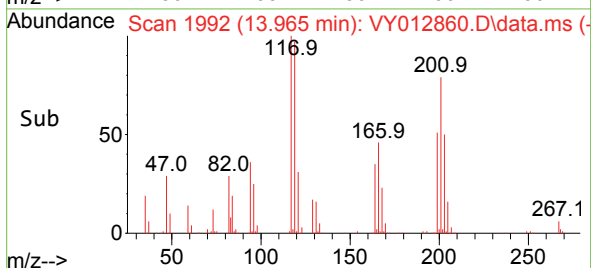
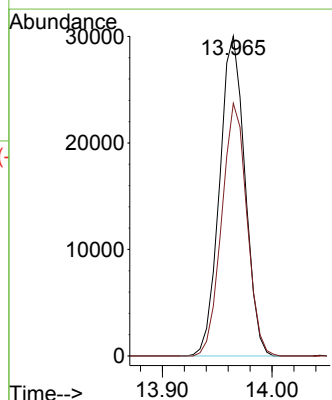
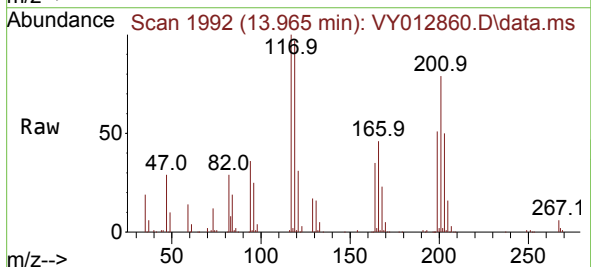
Acq: 08 Mar 2023 10:27

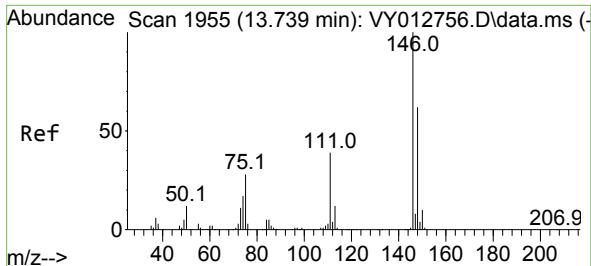
Tgt Ion: 117 Resp: 48287

Ion Ratio Lower Upper

117 100

201 78.3 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 52.071 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

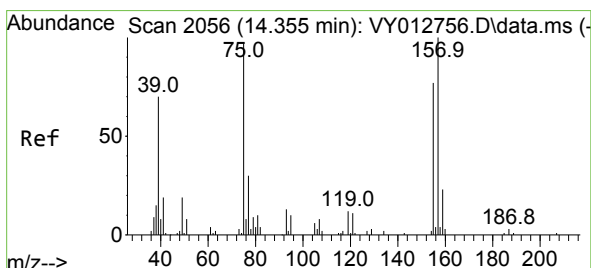
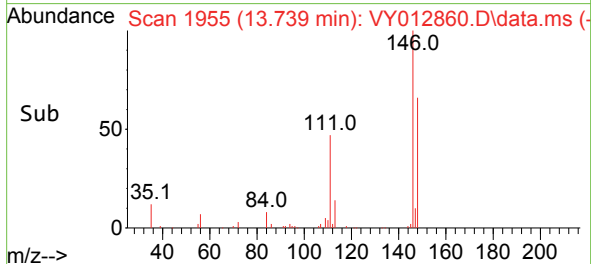
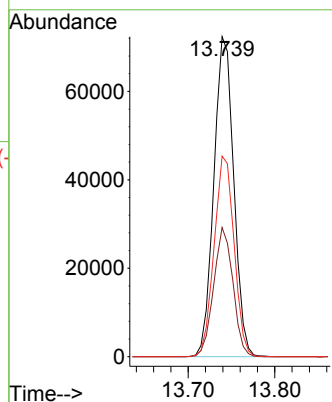
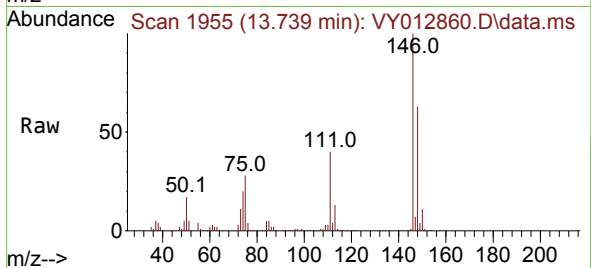
Tgt Ion:146 Resp: 115440

Ion Ratio Lower Upper

146 100

111 39.2 19.7 59.1

148 63.0 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.830 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

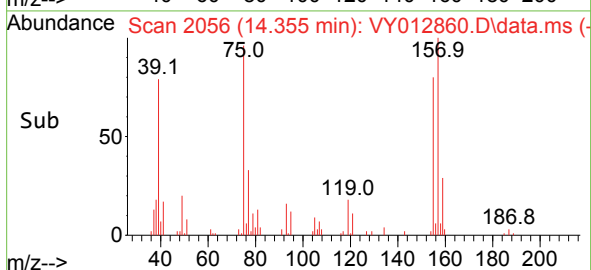
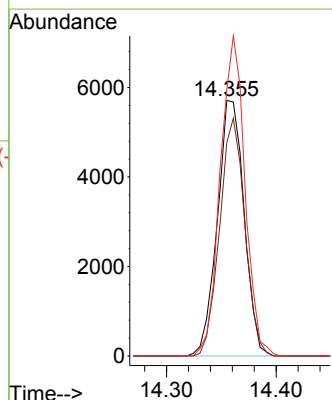
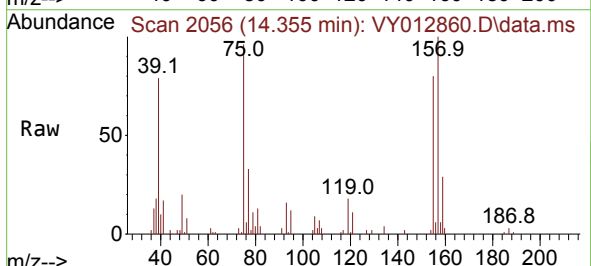
Tgt Ion: 75 Resp: 9666

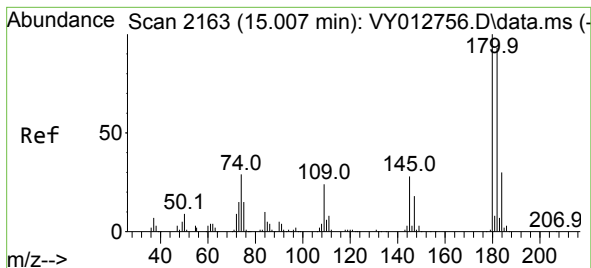
Ion Ratio Lower Upper

75 100

155 87.3 43.8 131.4

157 115.6 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 52.144 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

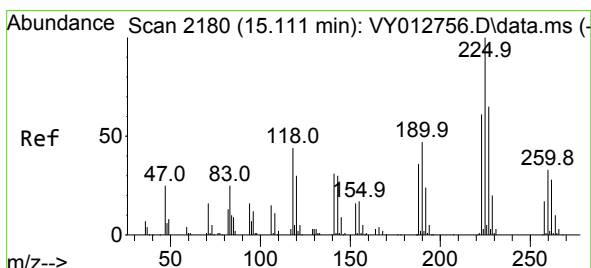
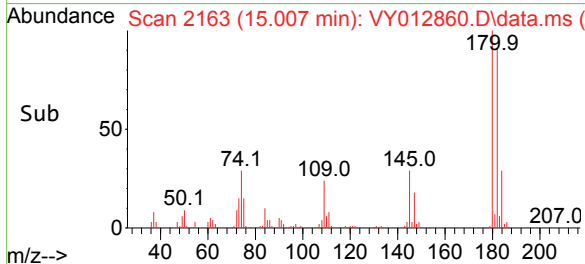
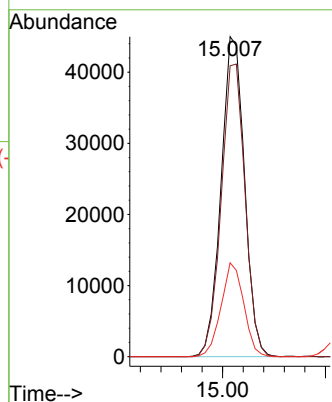
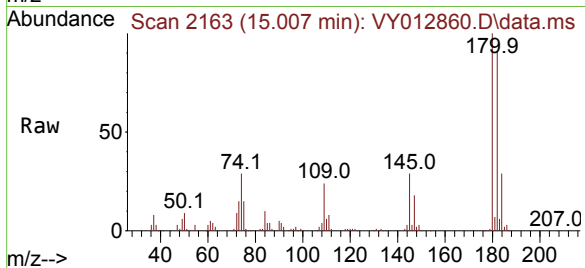
Tgt Ion:180 Resp: 71177

Ion Ratio Lower Upper

180 100

182 92.9 46.7 140.1

145 28.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 50.084 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

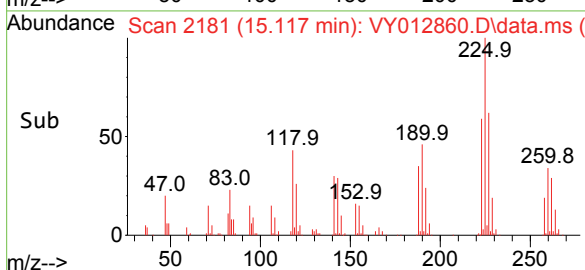
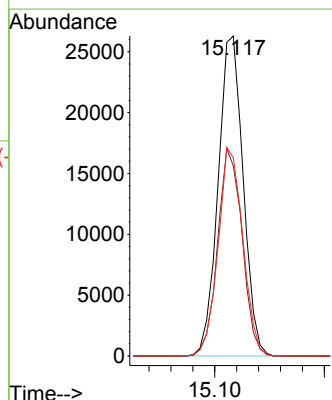
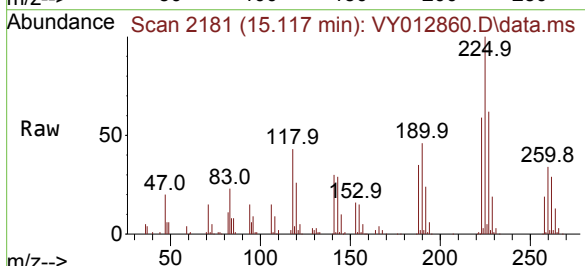
Tgt Ion:225 Resp: 41697

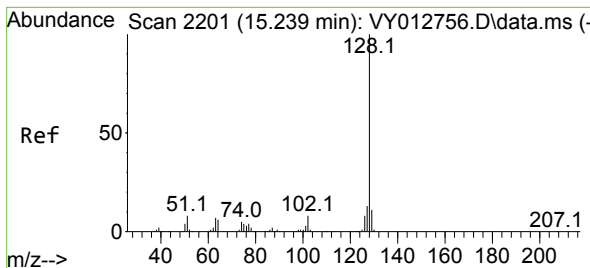
Ion Ratio Lower Upper

225 100

223 63.4 31.1 93.3

227 64.4 32.4 97.0





#95

Naphthalene

Concen: 53.153 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

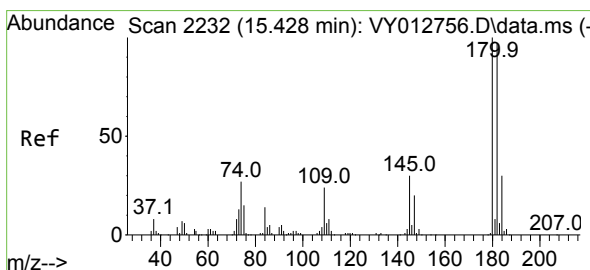
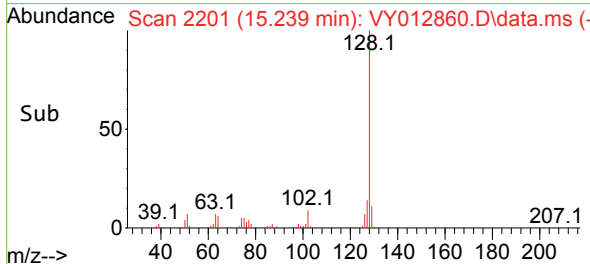
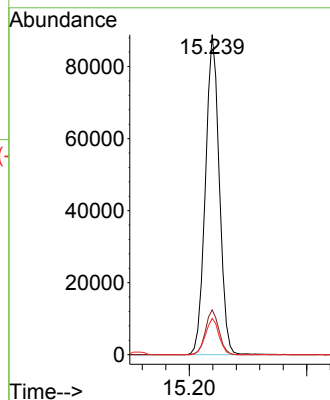
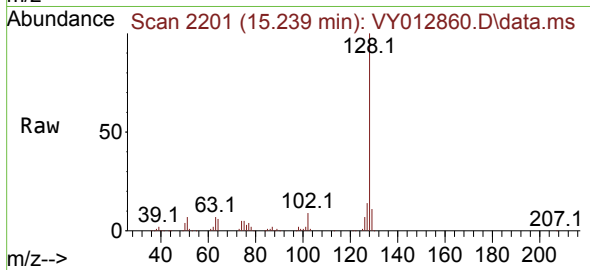
Tgt Ion:128 Resp: 145393

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.189 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY012860.D

Acq: 08 Mar 2023 10:27

Tgt Ion:180 Resp: 63357

Ion Ratio Lower Upper

180 100

182 96.3 47.4 142.3

145 30.3 15.3 45.8

