

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022323\
 Data File : VY012711.D
 Acq On : 23 Feb 2023 17:54
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 23 23:56:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	111253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	175131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	155941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65515	49.861	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.720%
35) Dibromofluoromethane	7.715	113	60139	50.841	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.680%
50) Toluene-d8	10.178	98	224494	50.657	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.320%
62) 4-Bromofluorobenzene	12.483	95	75643	53.339	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	47847	41.832	ug/l	99
3) Chloromethane	2.113	50	57615	41.630	ug/l	99
4) Vinyl Chloride	2.253	62	54975	43.500	ug/l	99
5) Bromomethane	2.649	94	34547	49.913	ug/l	97
6) Chloroethane	2.796	64	34593	42.999	ug/l	98
7) Trichlorofluoromethane	3.125	101	93485	45.889	ug/l	99
8) Diethyl Ether	3.533	74	34917	47.874	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	57211	46.993	ug/l	99
10) Methyl Iodide	4.088	142	71828	45.059	ug/l	99
11) Tert butyl alcohol	4.948	59	32281	224.593	ug/l #	89
12) 1,1-Dichloroethene	3.875	96	54397	46.284	ug/l	95
13) Acrolein	3.722	56	41767	229.994	ug/l	100
14) Allyl chloride	4.478	41	109494	48.002	ug/l	100
15) Acrylonitrile	5.161	53	100605	259.272	ug/l	99
16) Acetone	3.948	43	106369	248.092	ug/l	97
17) Carbon Disulfide	4.198	76	168083	42.498	ug/l	99
18) Methyl Acetate	4.472	43	70076	50.737	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	163544	51.732	ug/l	99
20) Methylene Chloride	4.716	84	68656	51.483	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	60985	47.704	ug/l	90
22) Diisopropyl ether	6.118	45	216567	50.880	ug/l	99
23) Vinyl Acetate	6.057	43	683960	259.450	ug/l	100
24) 1,1-Dichloroethane	6.015	63	114356	48.451	ug/l	100
25) 2-Butanone	6.984	43	146156	256.843	ug/l	97
26) 2,2-Dichloropropane	6.978	77	97542	47.377	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	68969	49.307	ug/l	99
28) Bromochloromethane	7.331	49	48279	51.083	ug/l	98
29) Tetrahydrofuran	7.344	42	93755	269.865	ug/l	99
30) Chloroform	7.502	83	114511	50.072	ug/l	96
31) Cyclohexane	7.782	56	98157	42.999	ug/l	96
32) 1,1,1-Trichloroethane	7.703	97	97718	47.201	ug/l	99
36) 1,1-Dichloropropene	7.917	75	85958	45.845	ug/l	99
37) Ethyl Acetate	7.069	43	61287	48.442	ug/l	99
38) Carbon Tetrachloride	7.898	117	90321	46.588	ug/l	99
39) Methylcyclohexane	9.185	83	100745	46.579	ug/l	99
40) Benzene	8.160	78	252193	48.186	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.337	41	85120	138.138	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	78309	48.252	ug/l	99
43) Isopropyl Acetate	8.270	43	109071	49.889	ug/l	98
44) Trichloroethene	8.941	130	64581	47.726	ug/l	99
45) 1,2-Dichloropropane	9.215	63	66889	49.685	ug/l	97
46) Dibromomethane	9.307	93	37379	50.298	ug/l	99
47) Bromodichloromethane	9.496	83	89258	49.891	ug/l	99
48) Methyl methacrylate	9.294	41	52610	51.568	ug/l	97
49) 1,4-Dioxane	9.294	88	10014	883.269	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	308047	261.203	ug/l	100
52) Toluene	10.245	92	154284	49.752	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	94715	50.663	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	105946	50.081	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	51944	51.461	ug/l	98
56) Ethyl methacrylate	10.508	69	73831	53.559	ug/l	98
57) 1,3-Dichloropropane	10.788	76	90291	50.894	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	171204	234.481	ug/l	100
59) 2-Hexanone	10.831	43	220329	263.535	ug/l	99
60) Dibromochloromethane	10.983	129	63640	52.039	ug/l	98
61) 1,2-Dibromoethane	11.087	107	49729	51.423	ug/l	99
64) Tetrachloroethene	10.721	164	53480	47.155	ug/l	98
65) Chlorobenzene	11.520	112	164358	49.150	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	61564	49.677	ug/l	99
67) Ethyl Benzene	11.593	91	294541	49.276	ug/l	99
68) m/p-Xylenes	11.703	106	224277	98.359	ug/l	99
69) o-Xylene	12.032	106	105741	50.067	ug/l	99
70) Styrene	12.044	104	181777	51.352	ug/l	98
71) Bromoform	12.209	173	40611	51.355	ug/l #	99
73) Isopropylbenzene	12.330	105	280865	47.976	ug/l	99
74) N-amyl acetate	12.141	43	96956	50.381	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.580	83	64762	49.200	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	83847	84.899	ug/l #	100
77) Bromobenzene	12.611	156	66856	47.661	ug/l	99
78) n-propylbenzene	12.672	91	348275	47.561	ug/l	99
79) 2-Chlorotoluene	12.757	91	191753	47.136	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	232460	47.536	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	23471	50.347	ug/l	97
82) 4-Chlorotoluene	12.855	91	200624	47.550	ug/l	100
83) tert-Butylbenzene	13.074	119	199479	47.770	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	230159	48.145	ug/l	100
85) sec-Butylbenzene	13.251	105	303053	47.699	ug/l	100
86) p-Isopropyltoluene	13.367	119	247709	47.341	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	129863	47.266	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	131153	47.073	ug/l	100
89) n-Butylbenzene	13.696	91	236983	47.292	ug/l	99
90) Hexachloroethane	13.958	117	49281	46.410	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	117638	47.942	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.354	75	10851	50.150	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	72065	46.437	ug/l	98
94) Hexachlorobutadiene	15.110	225	41016	43.793	ug/l	98
95) Naphthalene	15.238	128	151977	48.466	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	64581	47.015	ug/l	98

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QLast Update : Wed Feb 22 01:21:05 2023
Response via : Initial Calibration

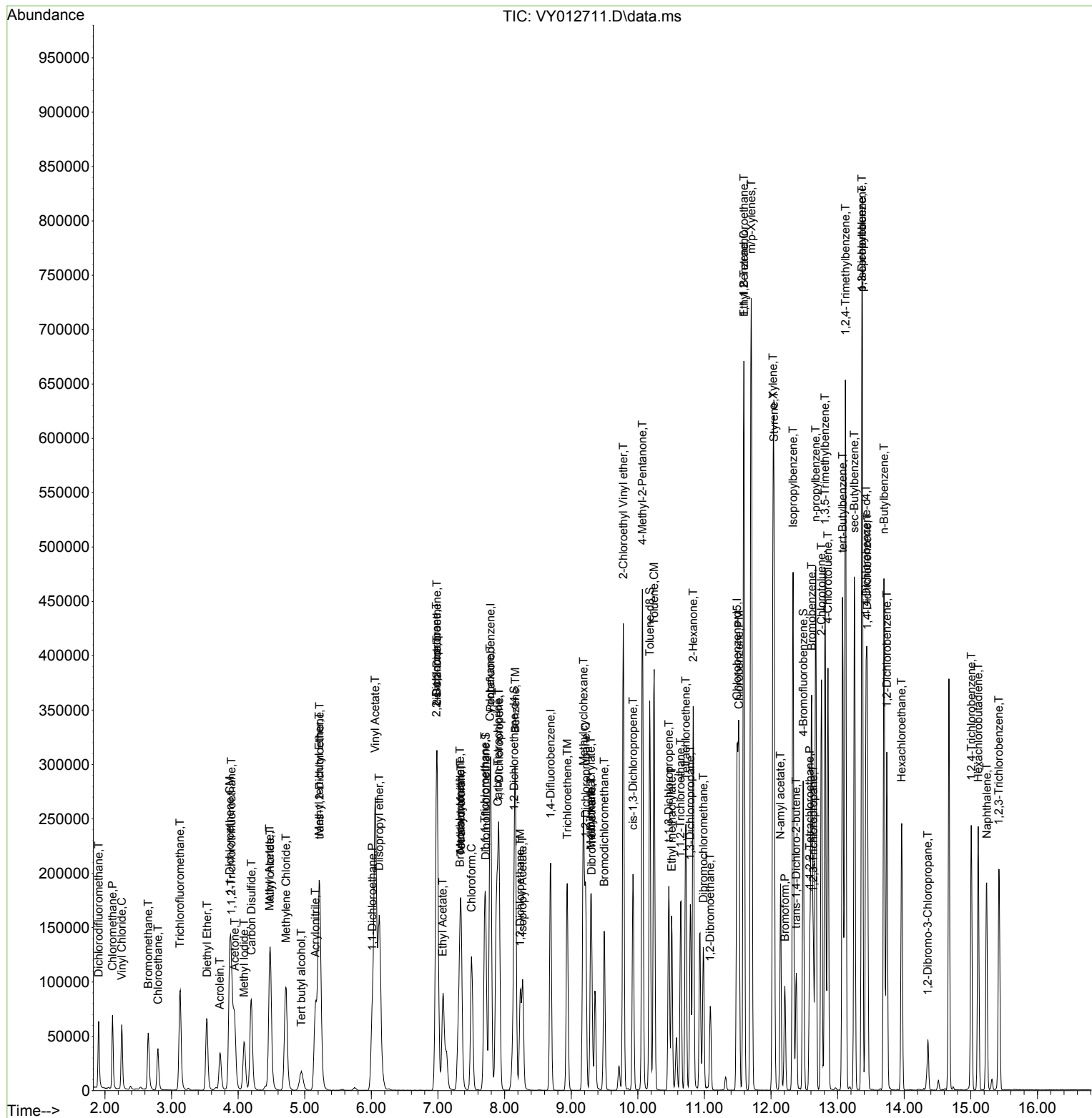
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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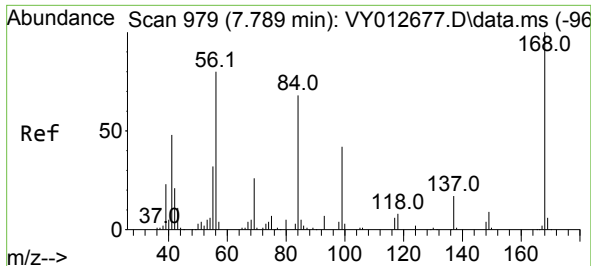
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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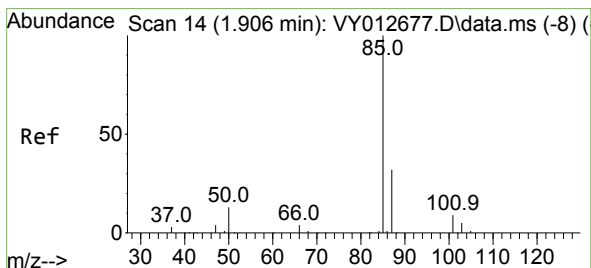
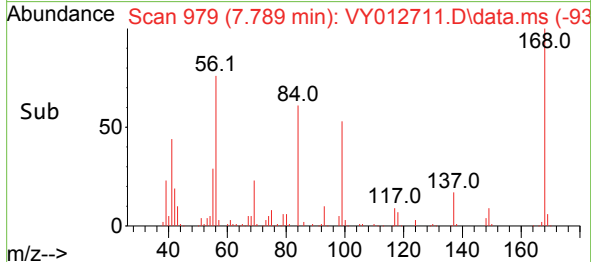
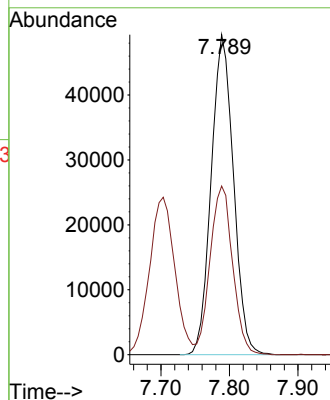
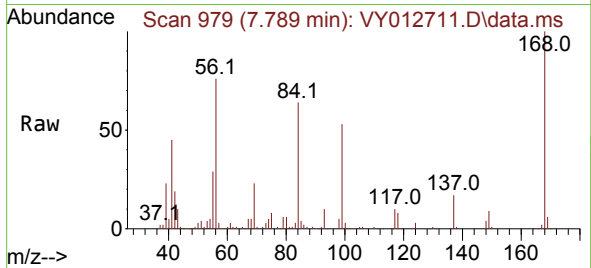




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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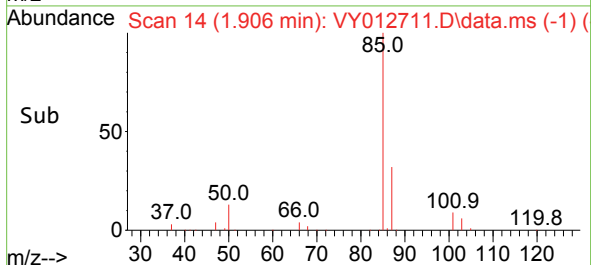
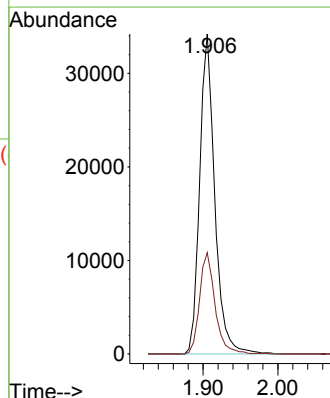
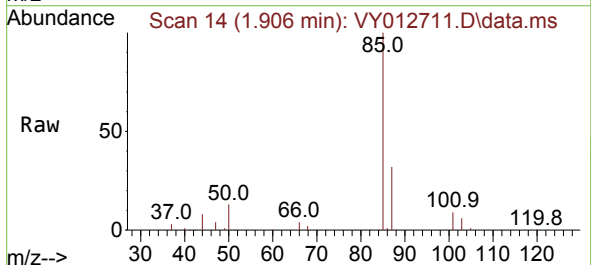
Instrument :
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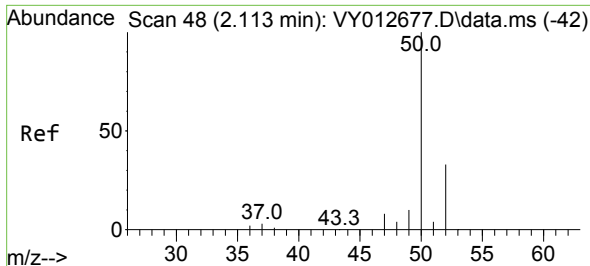
Tgt Ion:168 Resp: 111253
Ion Ratio Lower Upper
168 100
99 52.7 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 41.832 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

Tgt Ion: 85 Resp: 47847
Ion Ratio Lower Upper
85 100
87 31.7 16.1 48.2

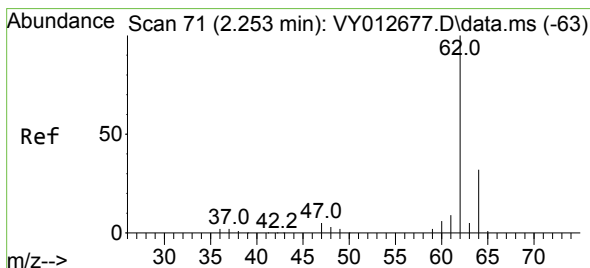
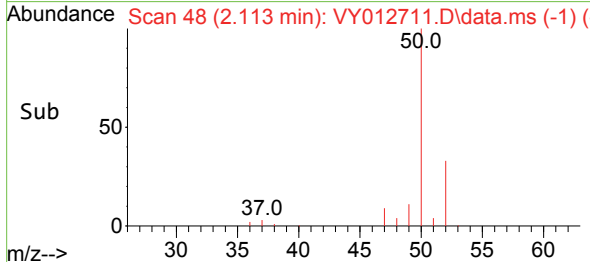
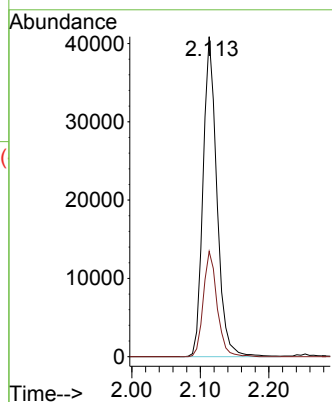
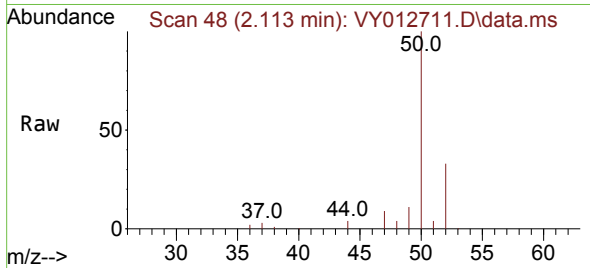




#3
Chloromethane
Concen: 41.630 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

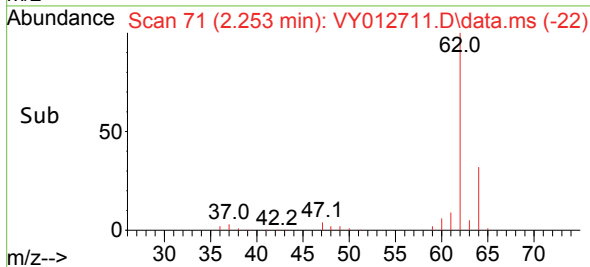
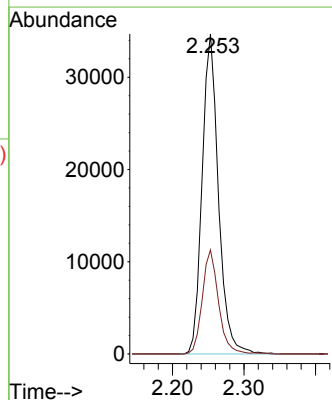
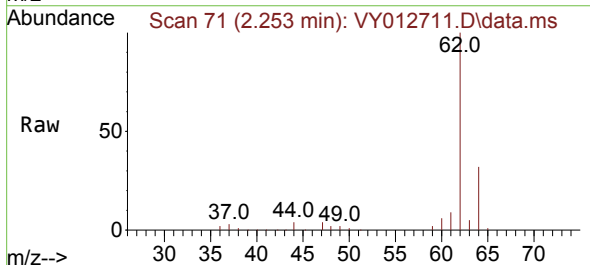
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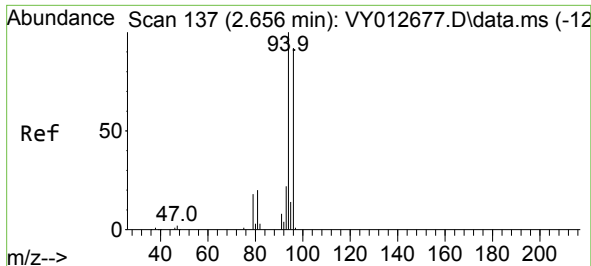
Tgt Ion: 50 Resp: 57615
Ion Ratio Lower Upper
50 100
52 32.9 26.1 39.1



#4
Vinyl Chloride
Concen: 43.500 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

Tgt Ion: 62 Resp: 54975
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.2

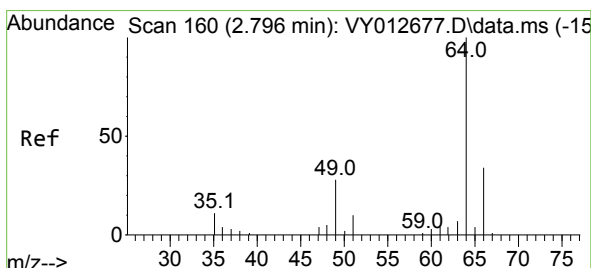
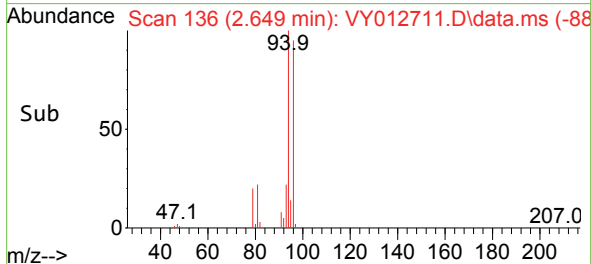
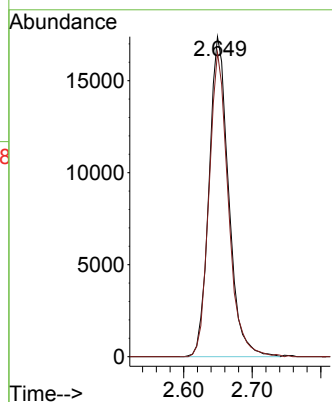
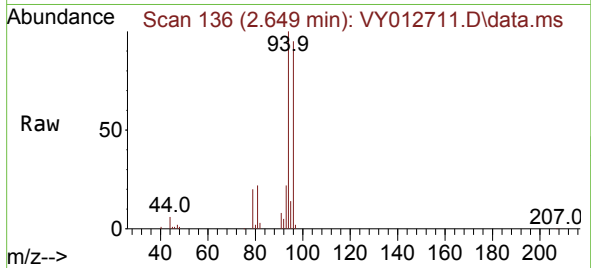




#5
Bromomethane
Concen: 49.913 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.007 min
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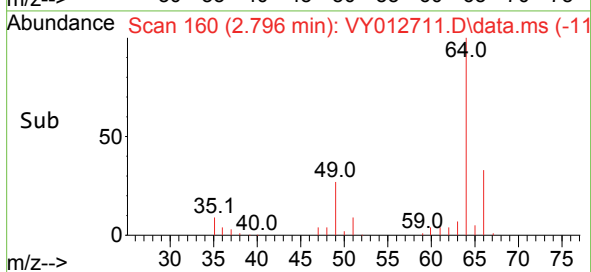
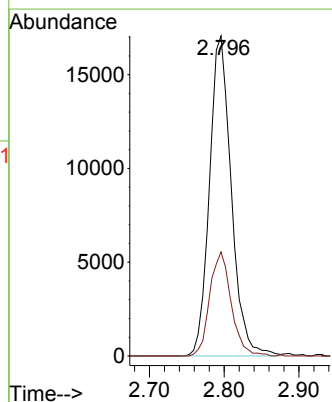
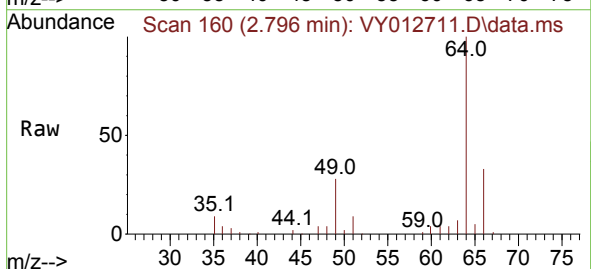
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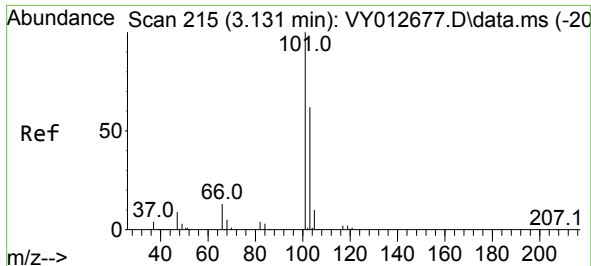
Tgt Ion: 94 Resp: 34547
Ion Ratio Lower Upper
94 100
96 95.1 73.9 110.9



#6
Chloroethane
Concen: 42.999 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012711.D
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Tgt Ion: 64 Resp: 34593
Ion Ratio Lower Upper
64 100
66 32.5 27.1 40.7

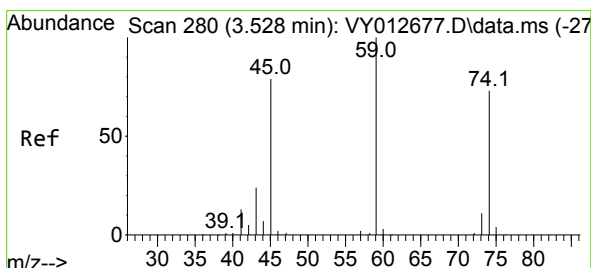
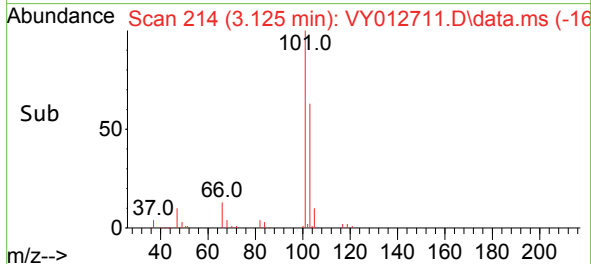
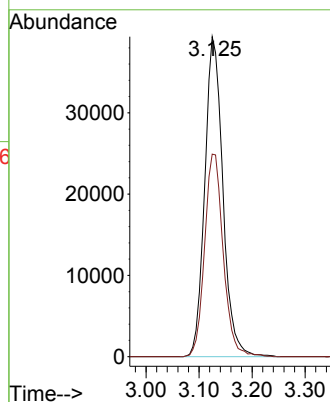
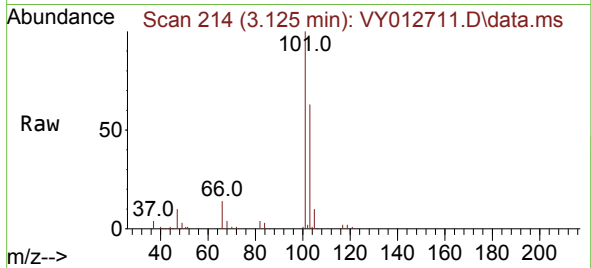




#7
Trichlorofluoromethane
Concen: 45.889 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.007 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

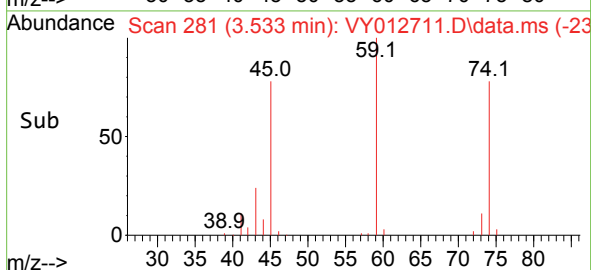
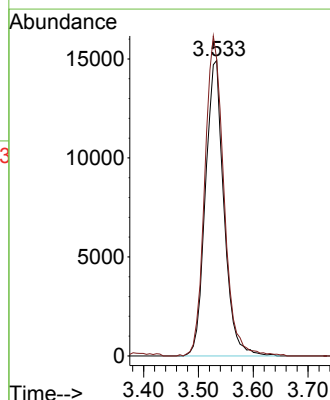
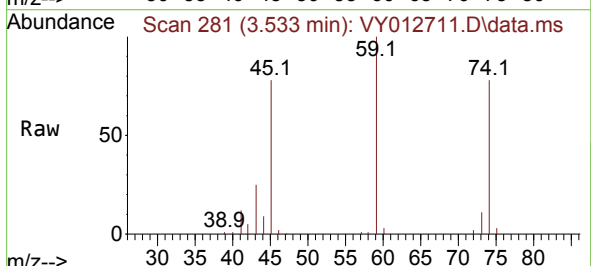
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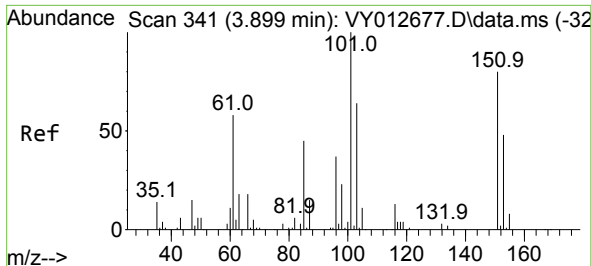
Tgt Ion:101 Resp: 93485
Ion Ratio Lower Upper
101 100
103 63.3 49.8 74.6



#8
Diethyl Ether
Concen: 47.874 ug/l
RT: 3.533 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

Tgt Ion: 74 Resp: 34917
Ion Ratio Lower Upper
74 100
45 112.1 54.6 163.9

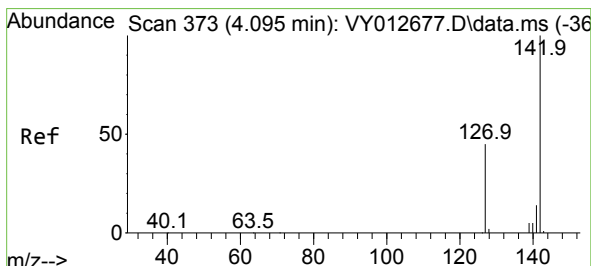
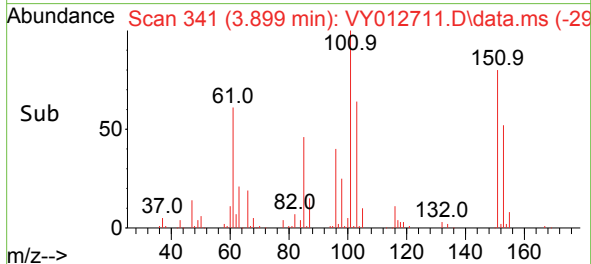
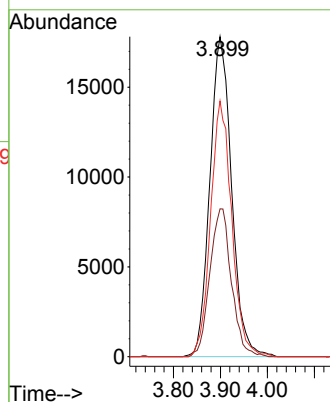
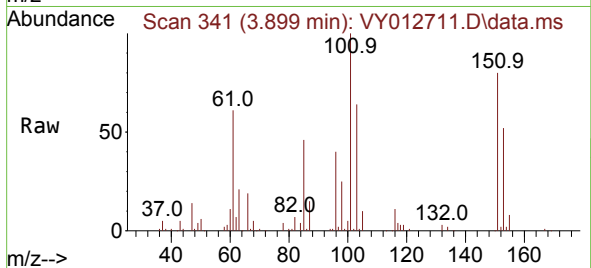




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.993 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

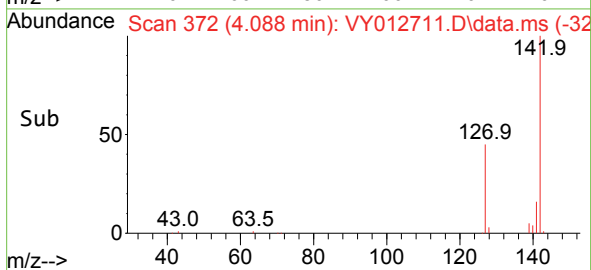
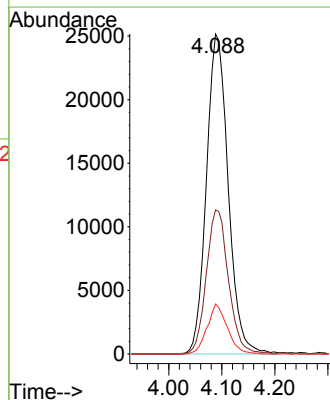
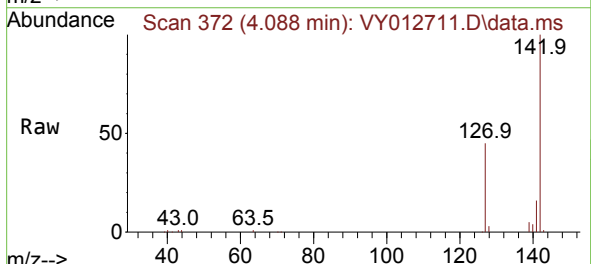
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

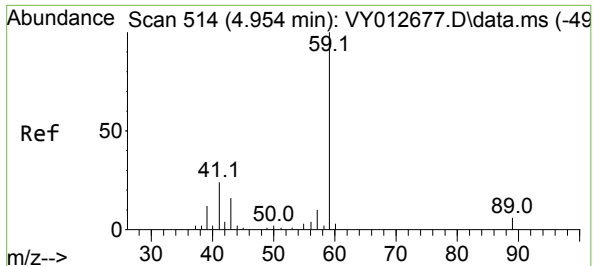
Tgt Ion:101 Resp: 57211
Ion Ratio Lower Upper
101 100
85 45.9 36.4 54.6
151 77.8 63.1 94.7



#10
Methyl Iodide
Concen: 45.059 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.007 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

Tgt Ion:142 Resp: 71828
Ion Ratio Lower Upper
142 100
127 45.8 37.3 55.9
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 224.593 ug/l

RT: 4.948 min Scan# 514

Delta R.T. -0.007 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

Instrument :

MSVOA_Y

ClientSampleId :

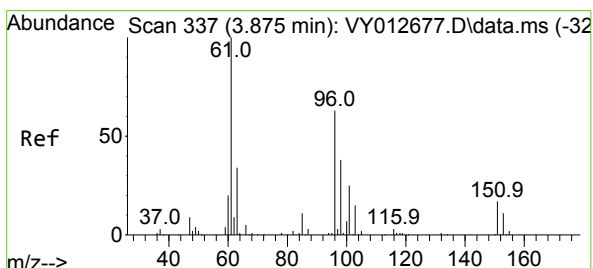
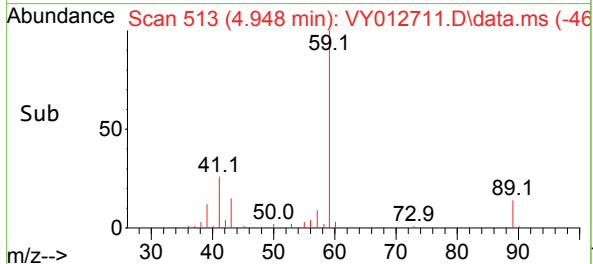
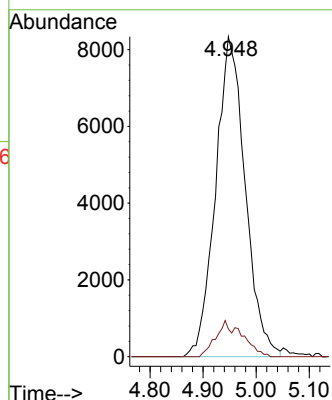
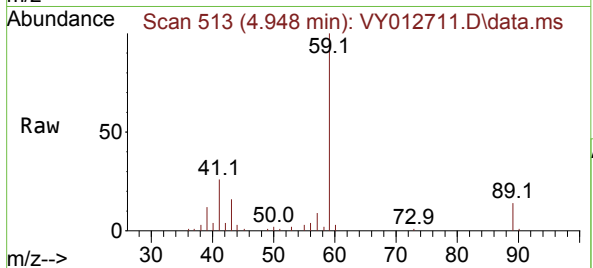
VSTDCCC050EC

Tgt Ion: 59 Resp: 32281

Ion Ratio Lower Upper

59 100

57 5.7 7.7 11.5#



#12

1,1-Dichloroethene

Concen: 46.284 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.000 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

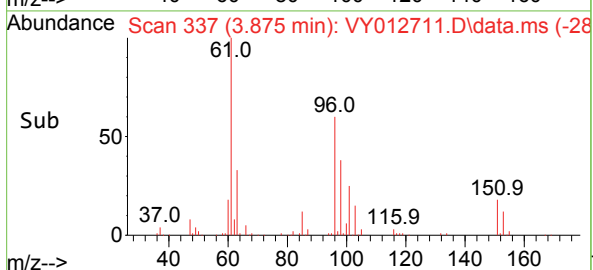
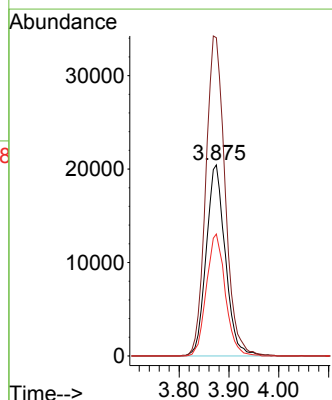
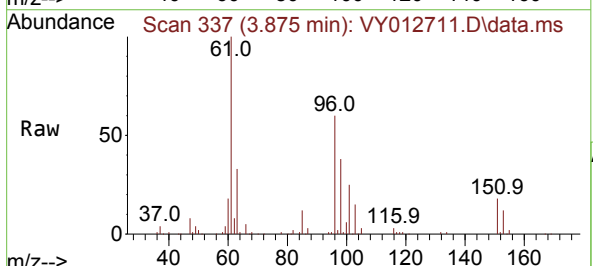
Tgt Ion: 96 Resp: 54397

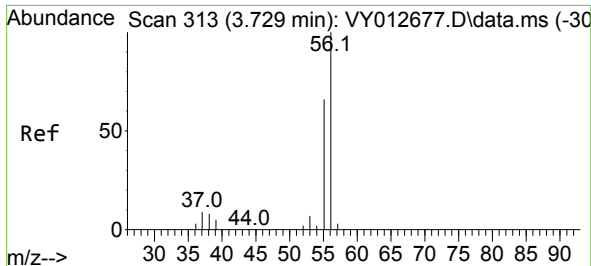
Ion Ratio Lower Upper

96 100

61 166.6 127.3 190.9

98 63.8 49.0 73.4





#13

Acrolein

Concen: 229.994 ug/l

RT: 3.722 min Scan# 313

Delta R.T. -0.007 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

Instrument :

MSVOA_Y

ClientSampleId :

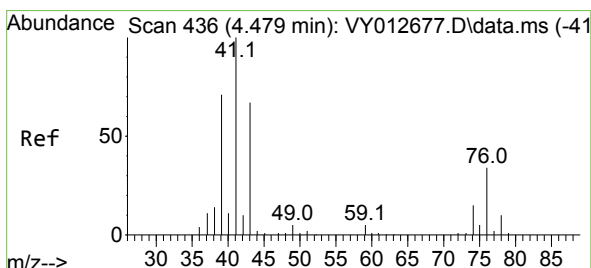
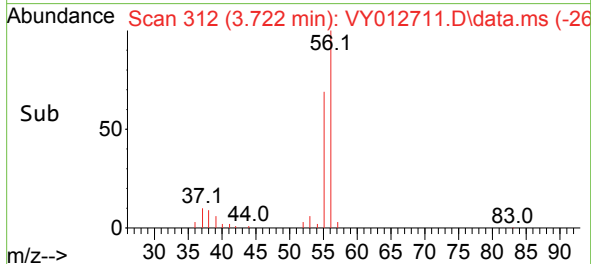
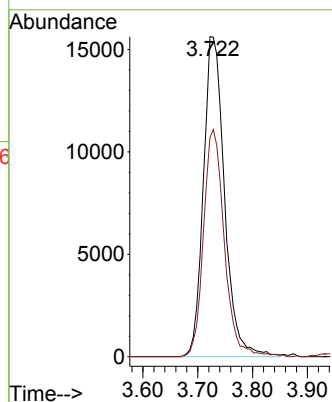
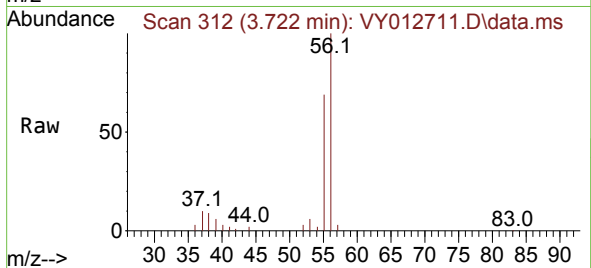
VSTDCCC050EC

Tgt Ion: 56 Resp: 41767

Ion Ratio Lower Upper

56 100

55 69.9 55.7 83.5



#14

Allyl chloride

Concen: 48.002 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

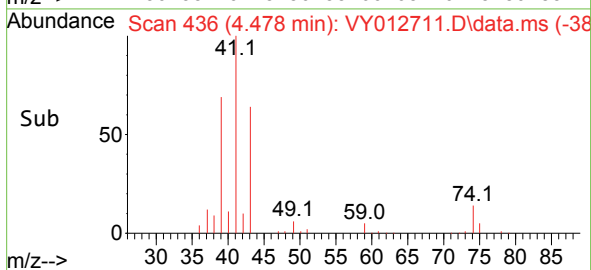
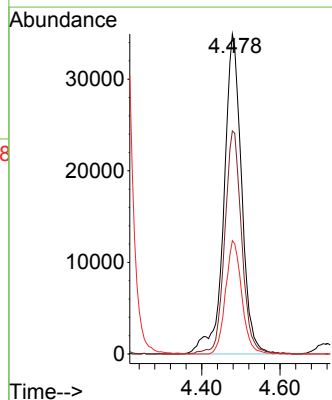
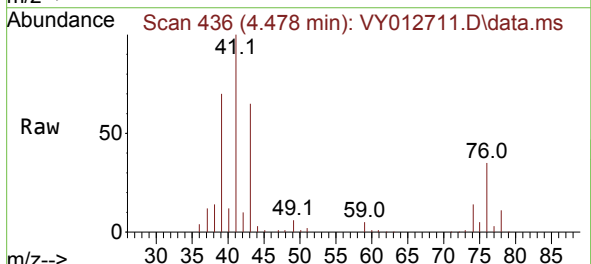
Tgt Ion: 41 Resp: 109494

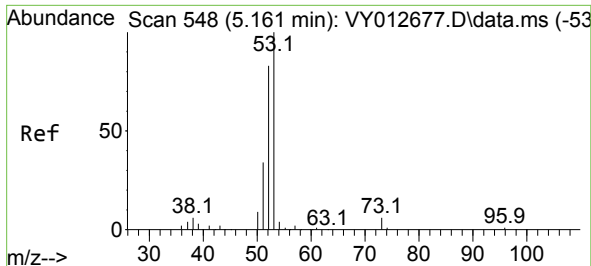
Ion Ratio Lower Upper

41 100

39 67.2 53.8 80.8

76 32.5 25.8 38.6

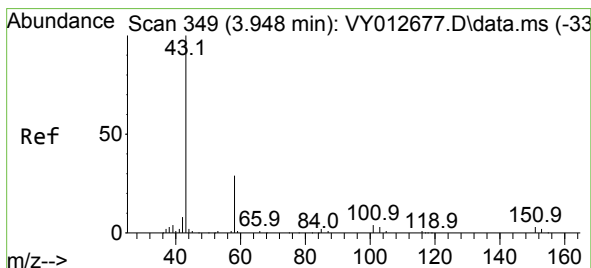
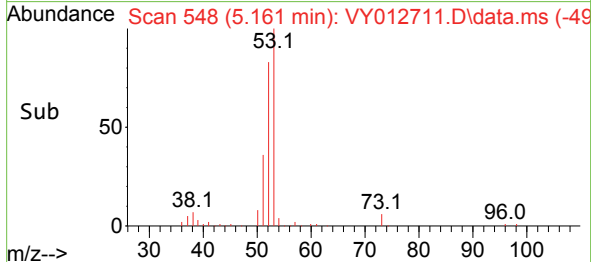
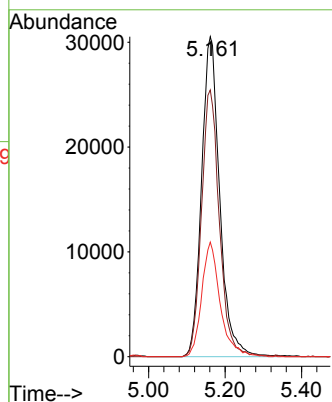
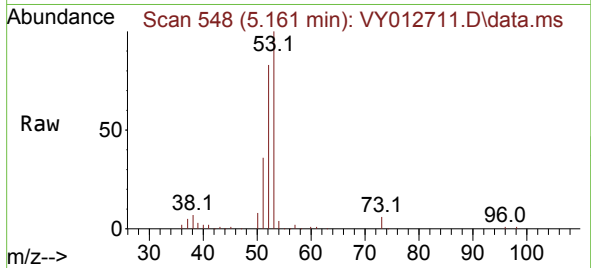




#15
Acrylonitrile
Concen: 259.272 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

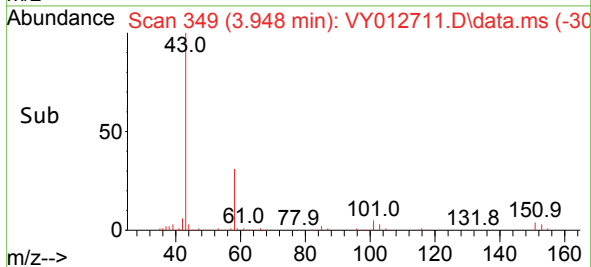
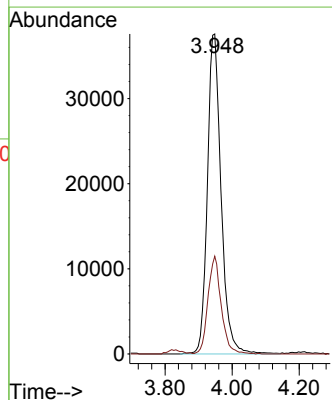
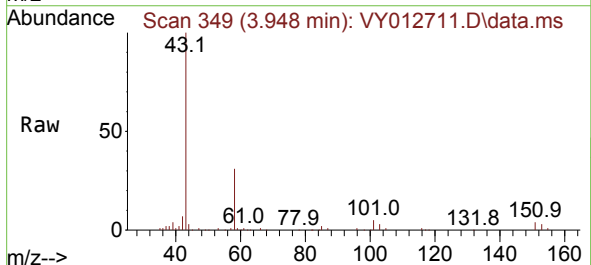
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

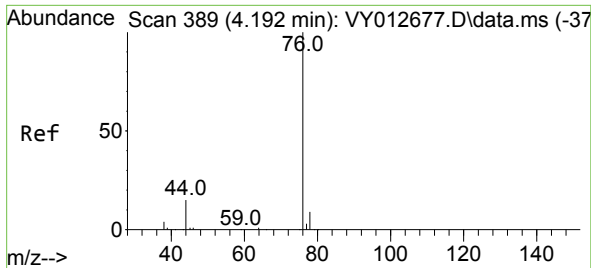
Tgt Ion: 53 Resp: 100605
Ion Ratio Lower Upper
53 100
52 82.0 65.2 97.8
51 36.4 28.6 43.0



#16
Acetone
Concen: 248.092 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

Tgt Ion: 43 Resp: 106369
Ion Ratio Lower Upper
43 100
58 30.5 23.3 34.9

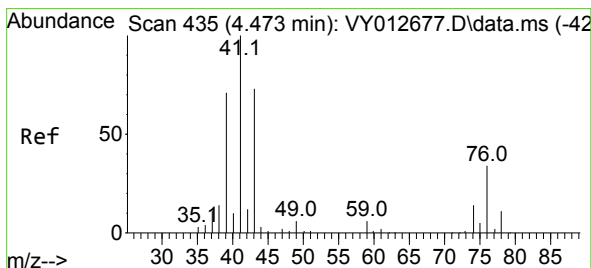
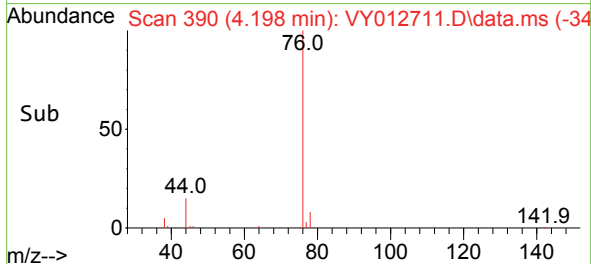
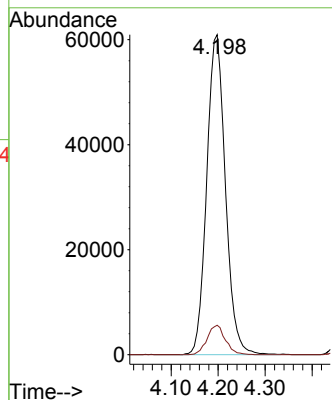
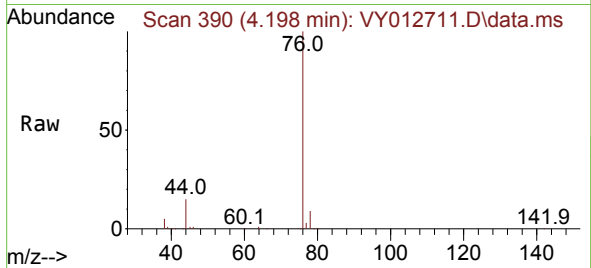




#17
Carbon Disulfide
Concen: 42.498 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

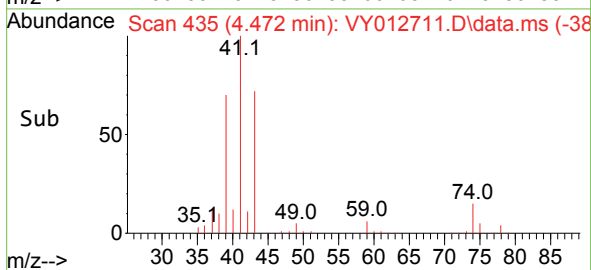
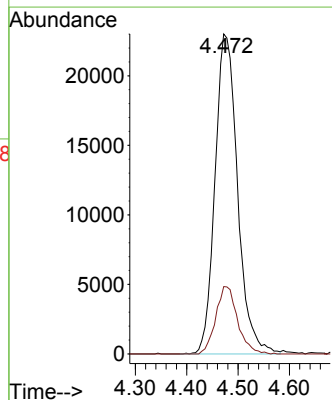
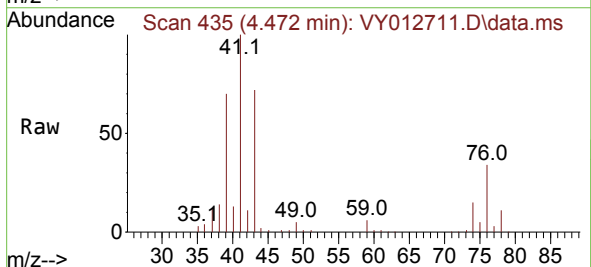
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

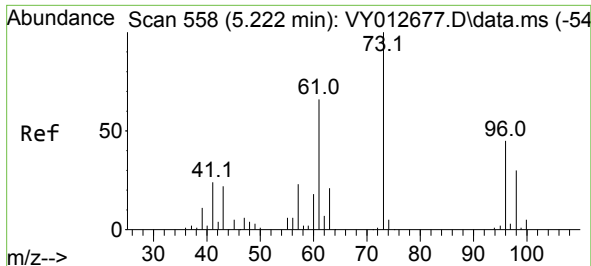
Tgt Ion: 76 Resp: 168083
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 50.737 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

Tgt Ion: 43 Resp: 70076
Ion Ratio Lower Upper
43 100
74 20.4 16.5 24.7





#19

Methyl tert-butyl Ether

Concen: 51.732 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.007 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

Instrument :

MSVOA_Y

ClientSampleId :

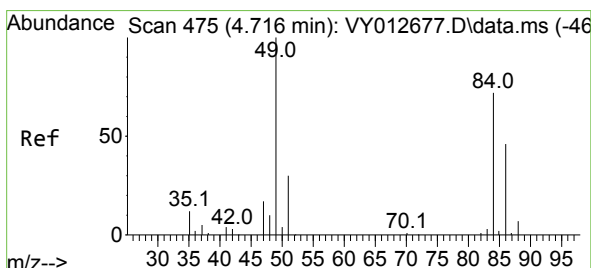
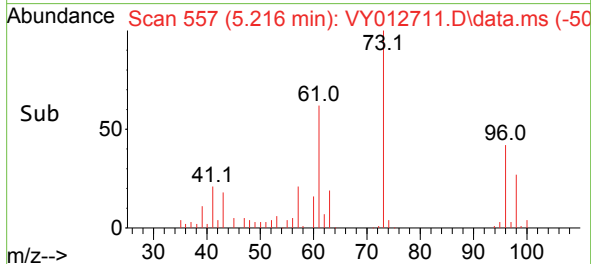
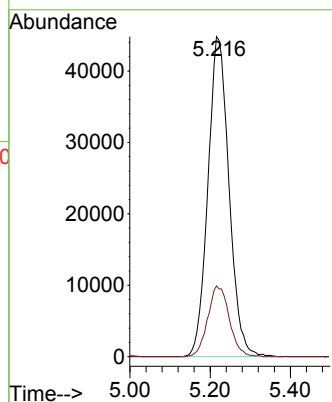
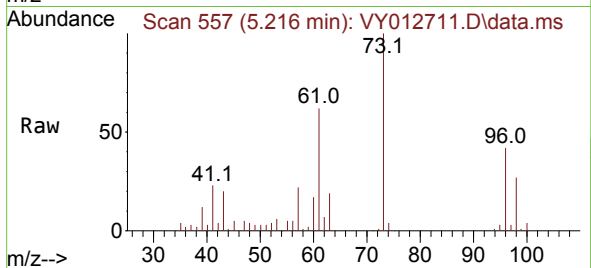
VSTDCCC050EC

Tgt Ion: 73 Resp: 163544

Ion Ratio Lower Upper

73 100

57 22.1 18.1 27.1



#20

Methylene Chloride

Concen: 51.483 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

Tgt Ion: 84 Resp: 68656

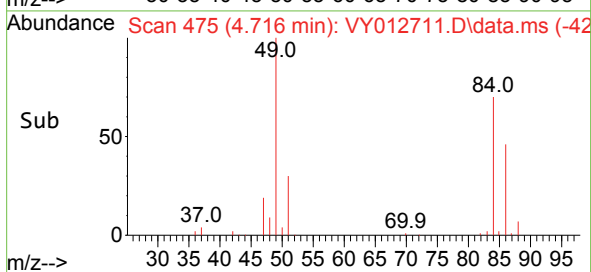
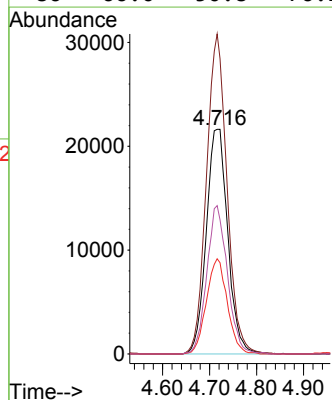
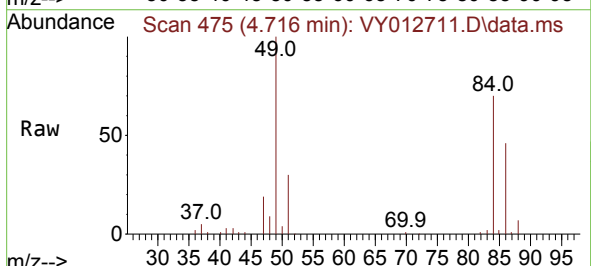
Ion Ratio Lower Upper

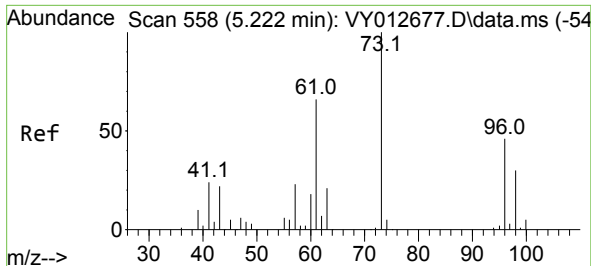
84 100

49 142.5 111.1 166.7

51 42.4 33.5 50.3

86 66.0 50.8 76.2

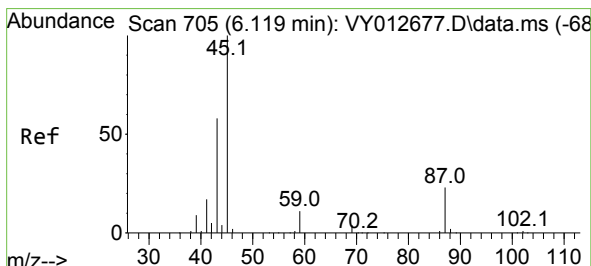
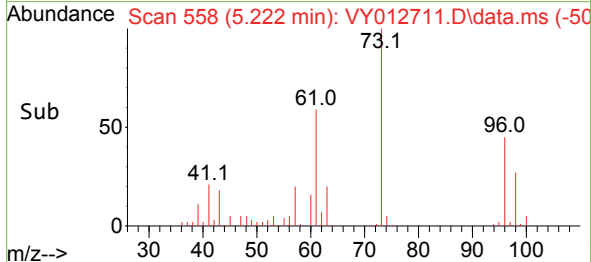
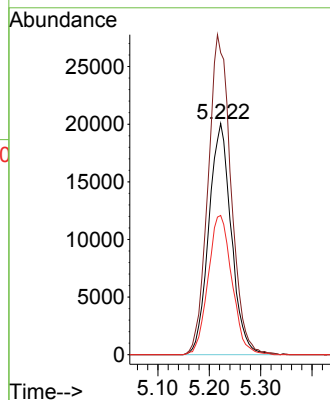
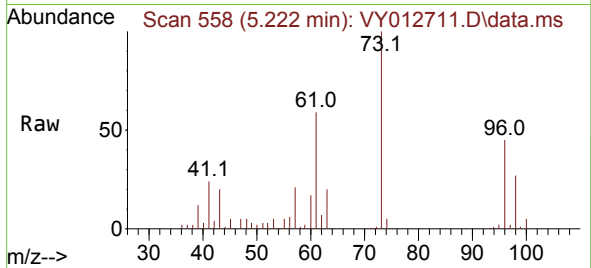




#21
trans-1,2-Dichloroethene
Concen: 47.704 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

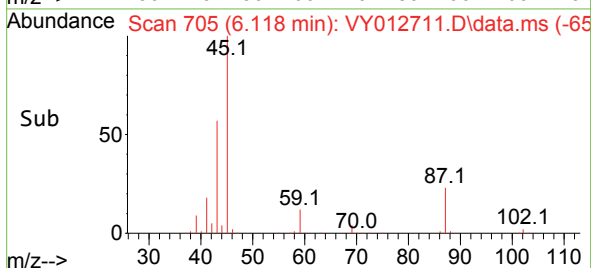
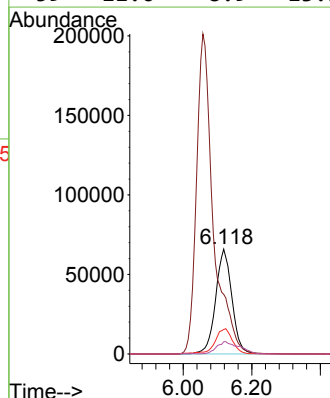
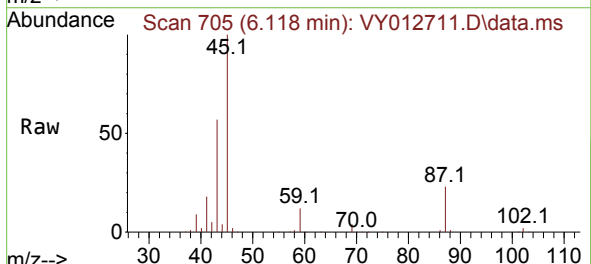
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

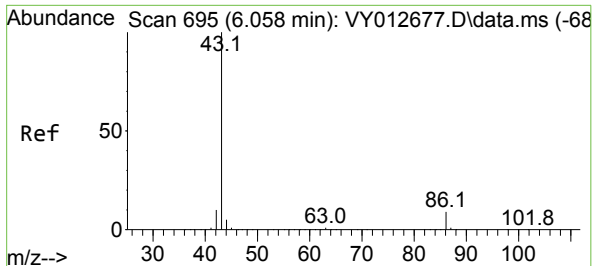
Tgt Ion: 96 Resp: 60985
Ion Ratio Lower Upper
96 100
61 130.6 116.1 174.1
98 60.2 52.3 78.5



#22
Diisopropyl ether
Concen: 50.880 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

Tgt Ion: 45 Resp: 216567
Ion Ratio Lower Upper
45 100
43 56.8 46.2 69.2
87 23.3 18.6 28.0
59 11.6 8.9 13.3

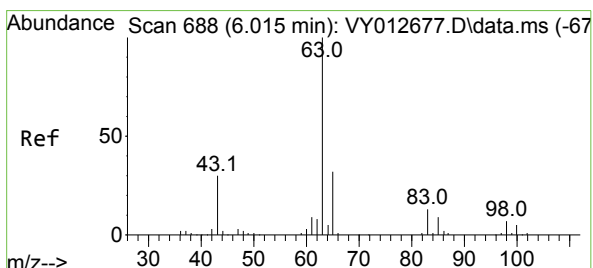
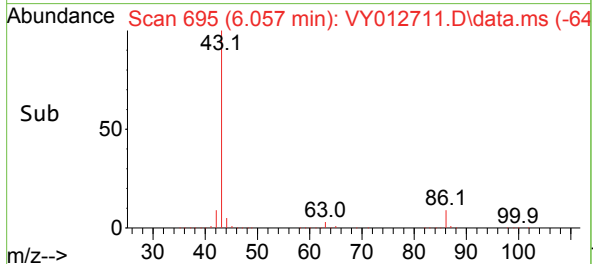
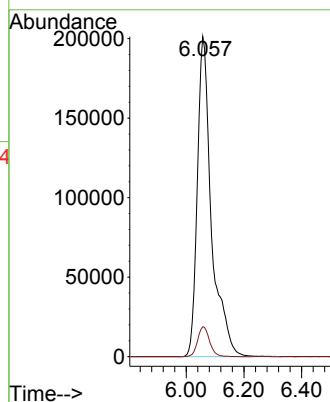
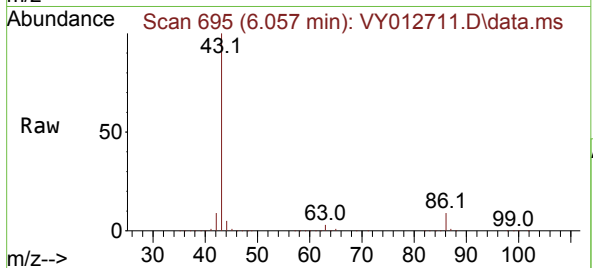




#23
 Vinyl Acetate
 Concen: 259.450 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012711.D
 Acq: 23 Feb 2023 17:54

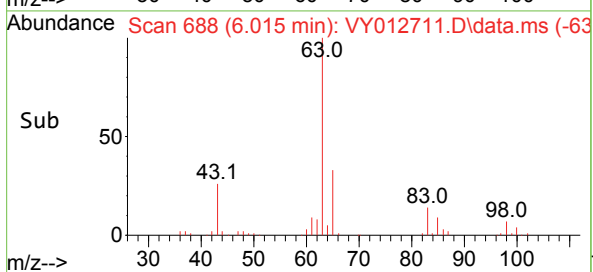
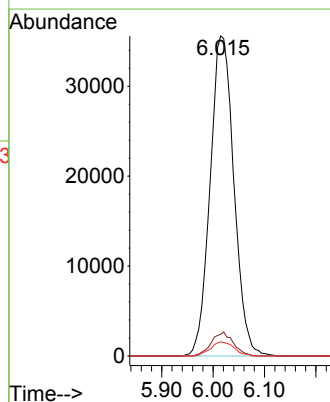
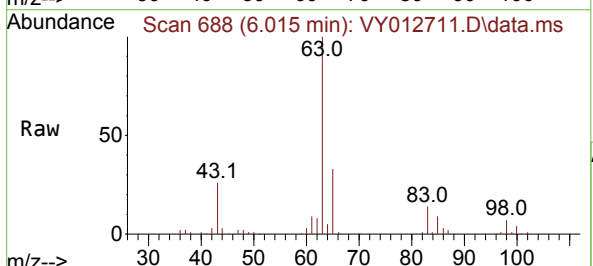
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

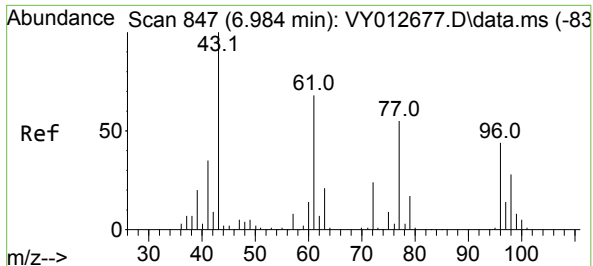
Tgt Ion: 43 Resp: 683960
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 48.451 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012711.D
 Acq: 23 Feb 2023 17:54

Tgt Ion: 63 Resp: 114356
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.4 2.3 6.9





#25

2-Butanone

Concen: 256.843 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

Instrument :

MSVOA_Y

ClientSampleId :

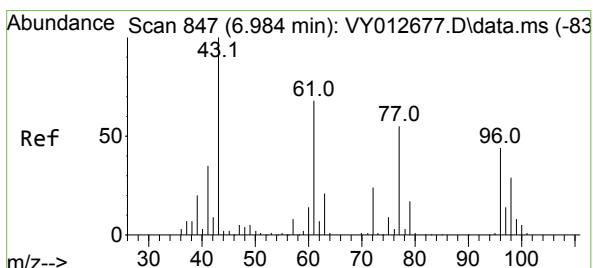
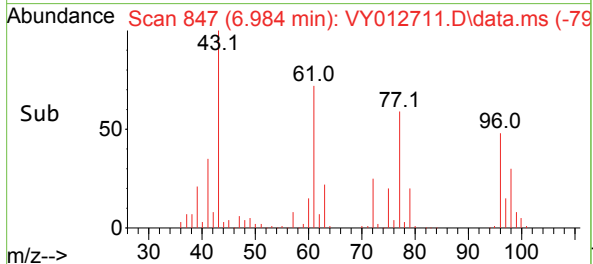
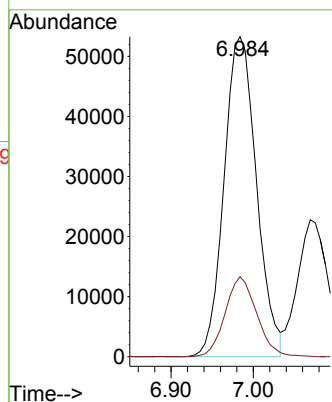
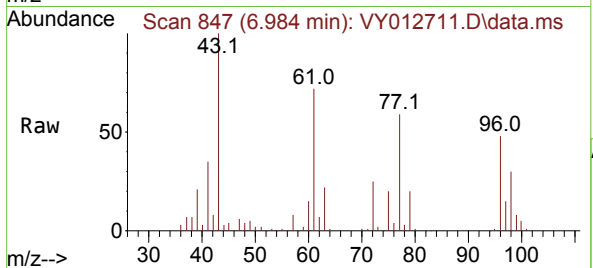
VSTDCCC050EC

Tgt Ion: 43 Resp: 146156

Ion Ratio Lower Upper

43 100

72 25.0 18.8 28.2



#26

2,2-Dichloropropane

Concen: 47.377 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012711.D

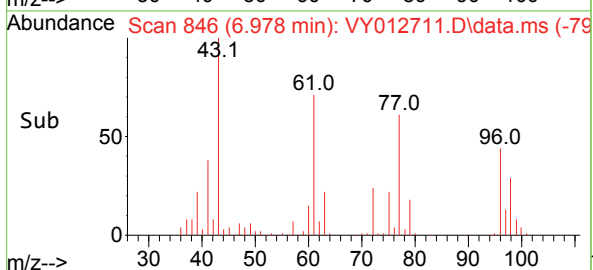
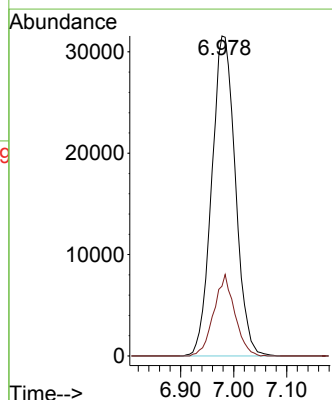
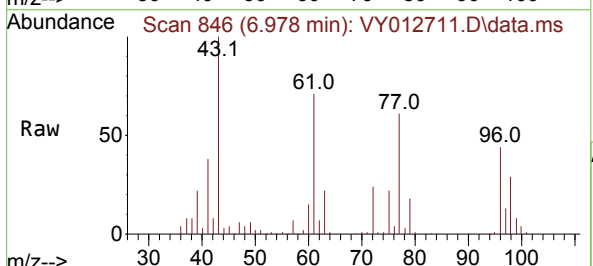
Acq: 23 Feb 2023 17:54

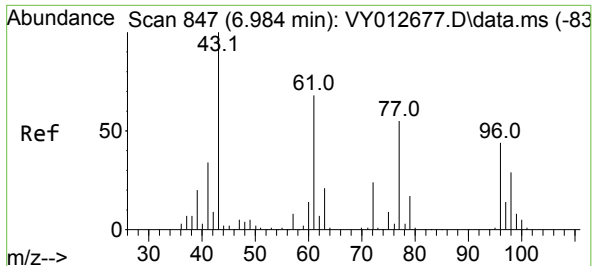
Tgt Ion: 77 Resp: 97542

Ion Ratio Lower Upper

77 100

97 22.6 11.7 35.1



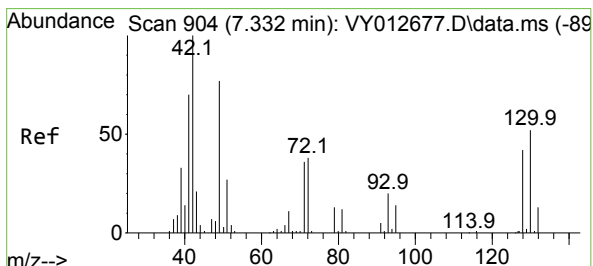
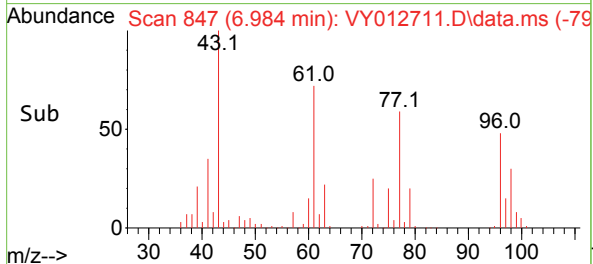
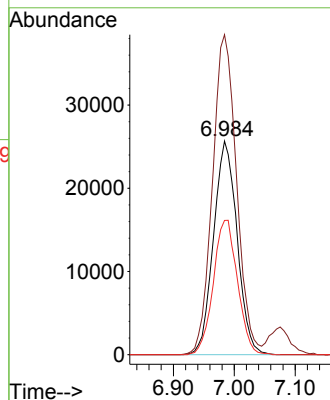
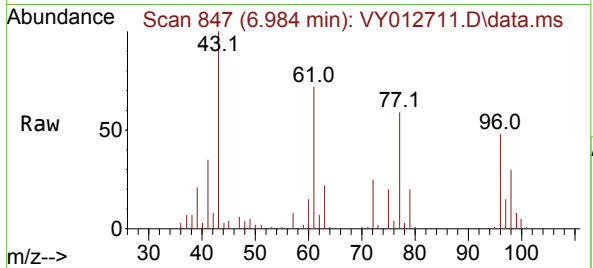


#27
 cis-1,2-Dichloroethene
 Concen: 49.307 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY012711.D
 Acq: 23 Feb 2023 17:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 68969

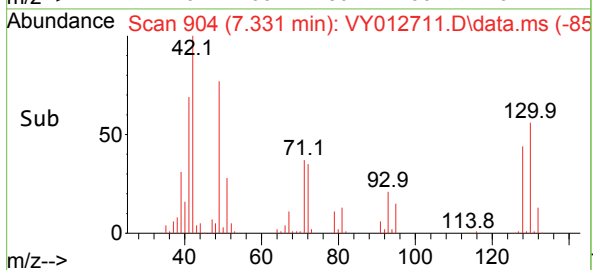
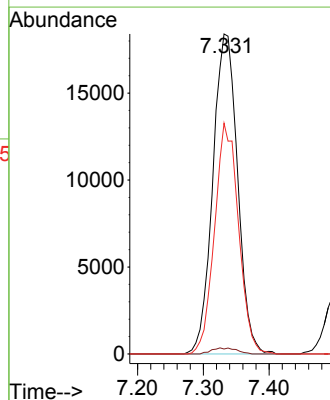
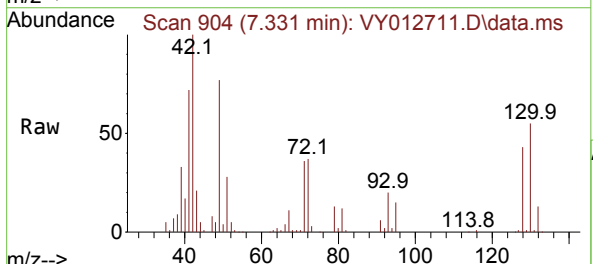
Ion	Ratio	Lower	Upper
96	100		
61	153.0	0.0	308.8
98	64.5	0.0	129.0

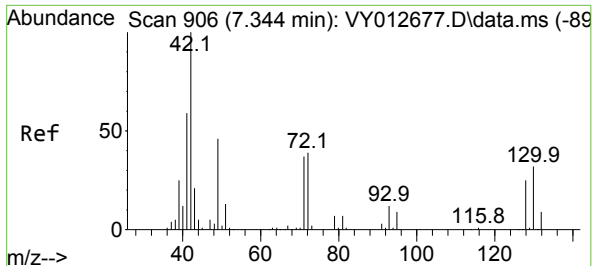


#28
 Bromochloromethane
 Concen: 51.083 ug/l
 RT: 7.331 min Scan# 904
 Delta R.T. -0.001 min
 Lab File: VY012711.D
 Acq: 23 Feb 2023 17:54

Tgt Ion: 49 Resp: 48279

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	69.6	54.3	81.5





#29

Tetrahydrofuran

Concen: 269.865 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

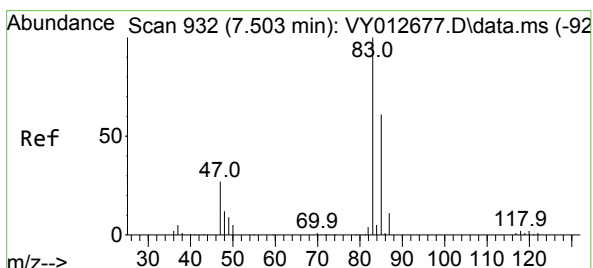
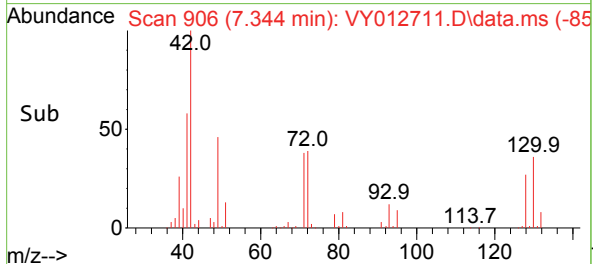
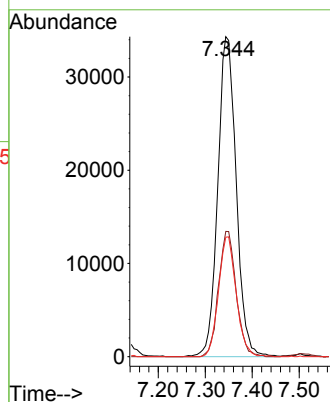
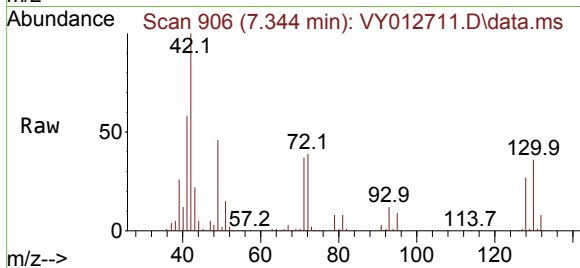
Tgt Ion: 42 Resp: 93755

Ion Ratio Lower Upper

42 100

72 37.5 30.6 45.8

71 36.0 28.6 42.8



#30

Chloroform

Concen: 50.072 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY012711.D

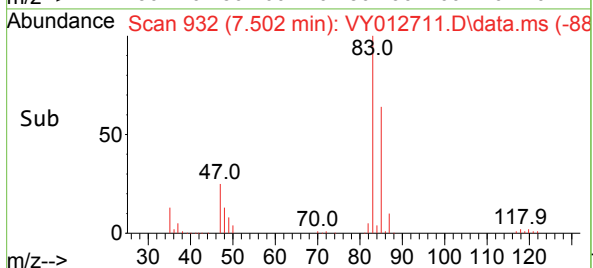
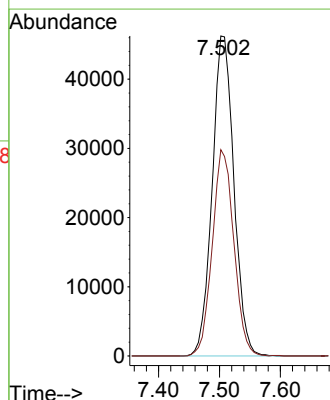
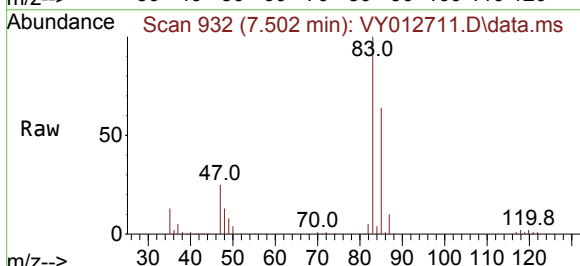
Acq: 23 Feb 2023 17:54

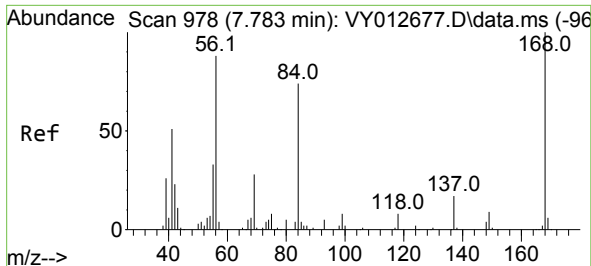
Tgt Ion: 83 Resp: 114511

Ion Ratio Lower Upper

83 100

85 64.4 48.9 73.3

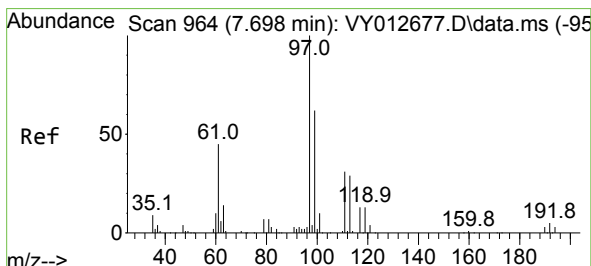
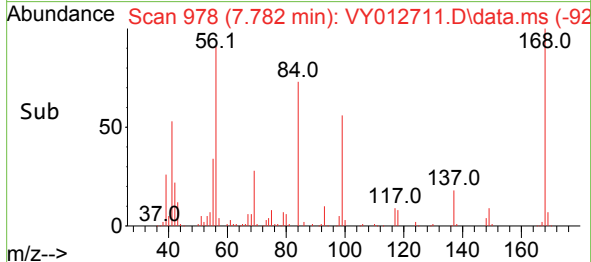
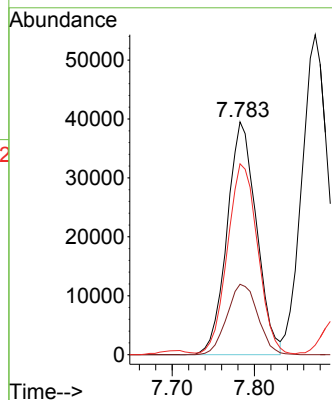
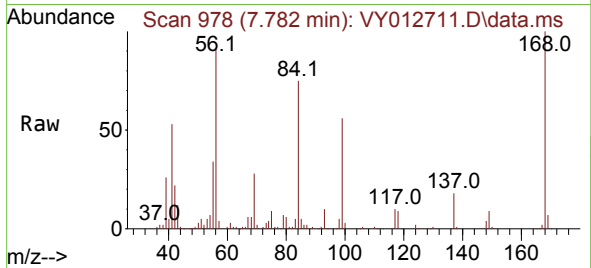




#31
Cyclohexane
Concen: 42.999 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

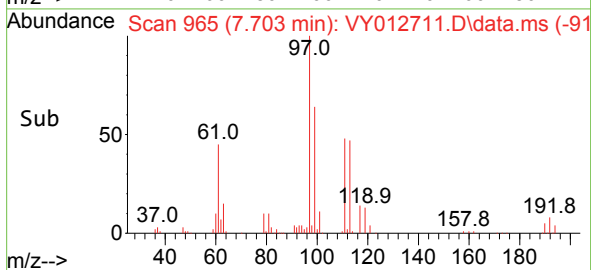
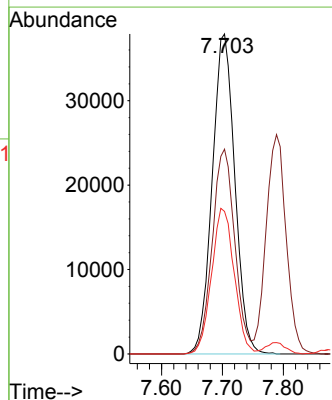
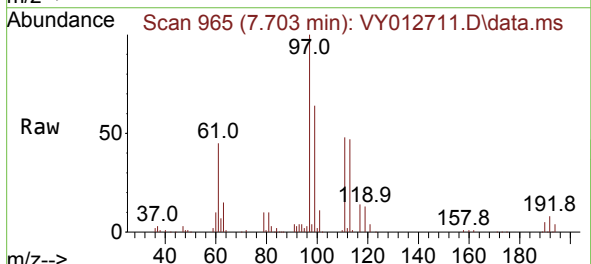
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

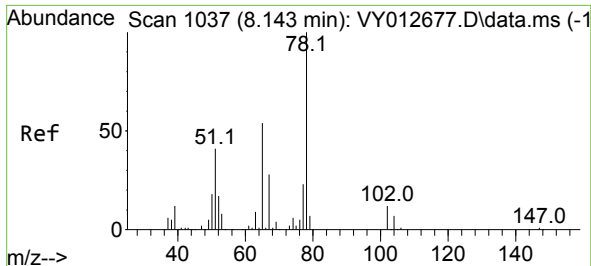
Tgt Ion: 56 Resp: 98157
Ion Ratio Lower Upper
56 100
69 30.3 25.4 38.2
84 80.2 67.3 100.9



#32
1,1,1-Trichloroethane
Concen: 47.201 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

Tgt Ion: 97 Resp: 97718
Ion Ratio Lower Upper
97 100
99 63.9 50.6 75.8
61 45.6 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 49.861 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

Instrument :

MSVOA_Y

ClientSampleId :

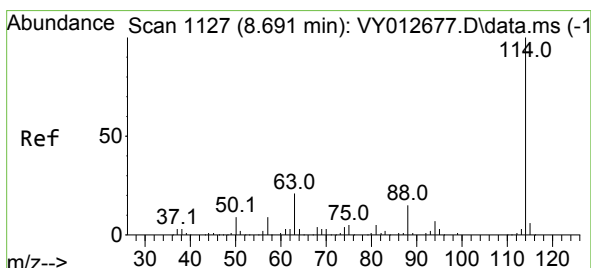
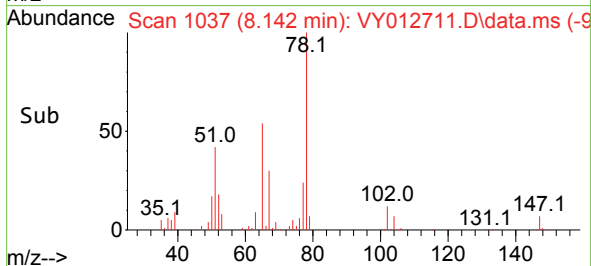
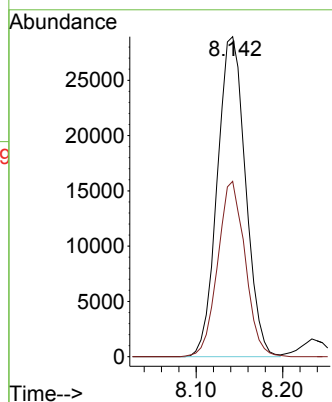
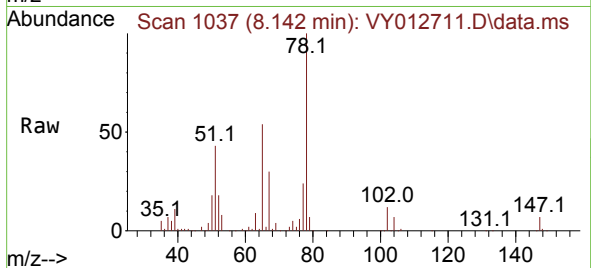
VSTDCCC050EC

Tgt Ion: 65 Resp: 65515

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

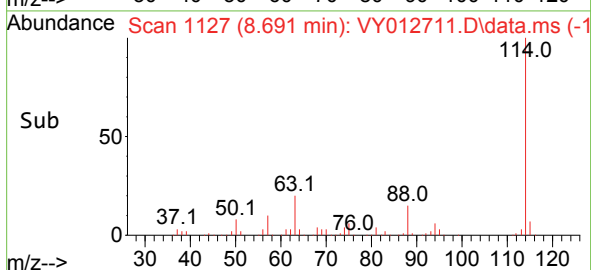
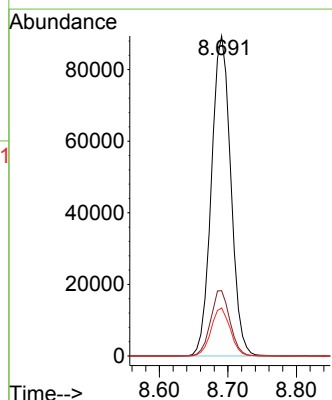
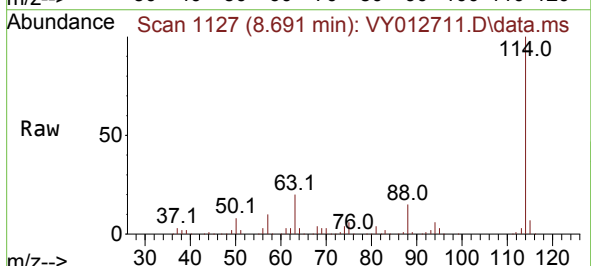
Tgt Ion:114 Resp: 175131

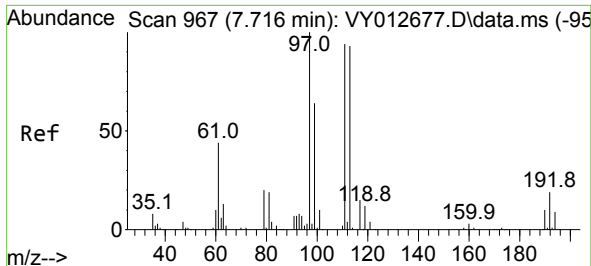
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

88 15.0 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.841 ug/l

RT: 7.715 min Scan# 9

Delta R.T. -0.001 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

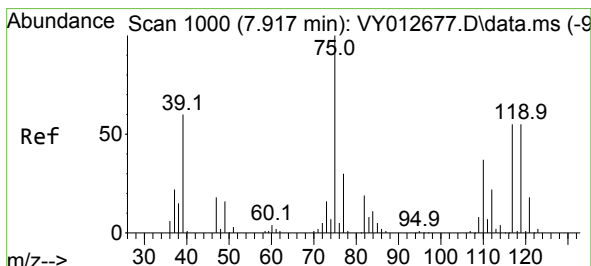
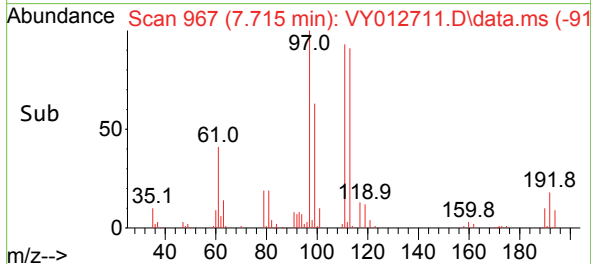
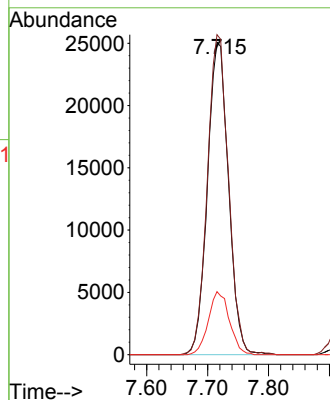
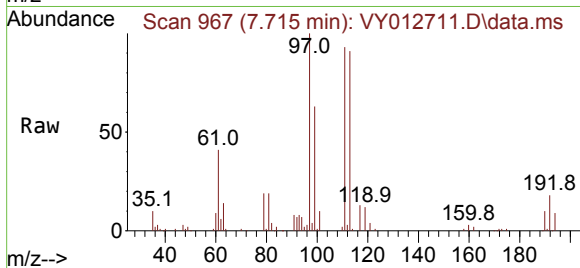
Tgt Ion:113 Resp: 60139

Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

192 20.2 16.2 24.2



#36

1,1-Dichloropropene

Concen: 45.845 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

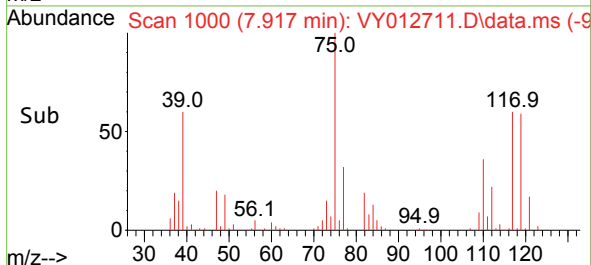
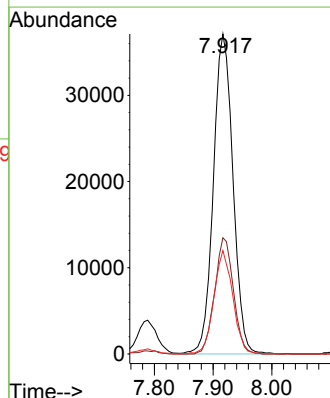
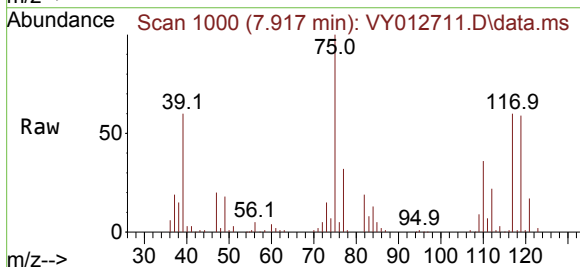
Tgt Ion: 75 Resp: 85958

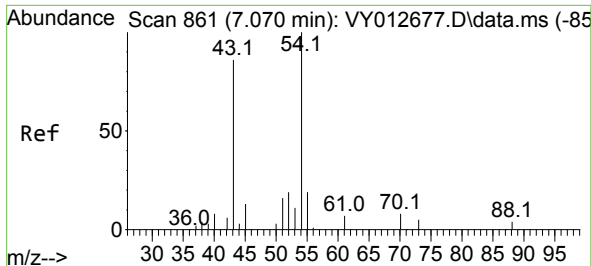
Ion Ratio Lower Upper

75 100

110 34.8 17.6 52.8

77 31.1 24.6 37.0

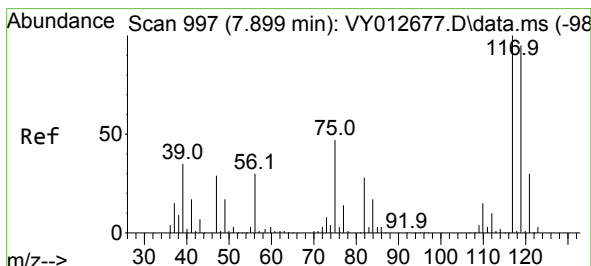
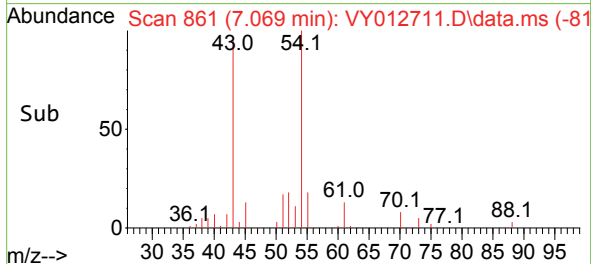
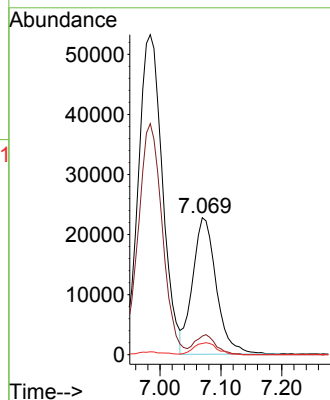
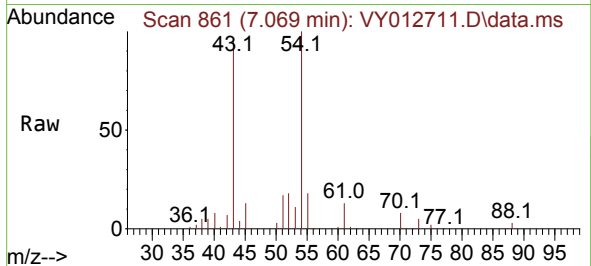




#37
Ethyl Acetate
Concen: 48.442 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.001 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

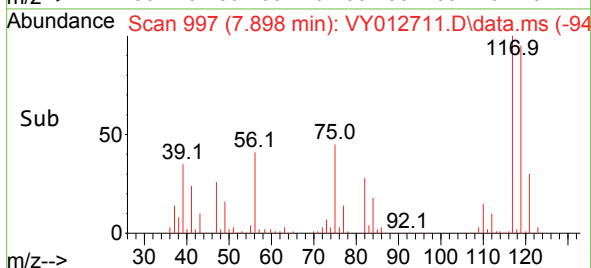
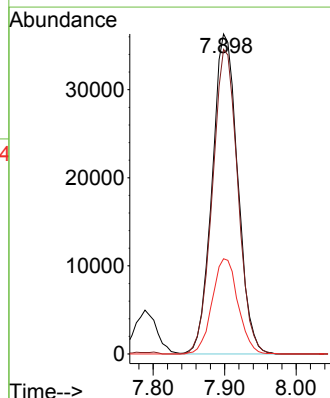
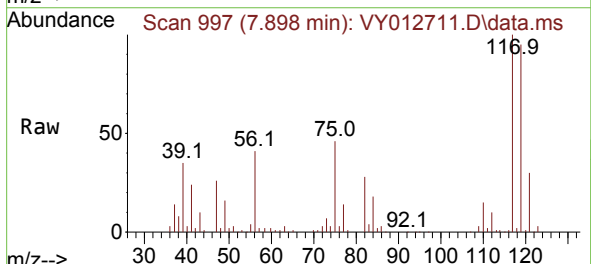
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

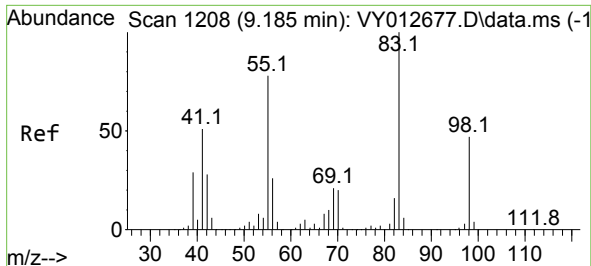
Tgt Ion:	43	Resp:	61287
Ion	Ratio	Lower	Upper
43	100		
61	12.8	9.9	14.9
70	8.7	6.4	9.6



#38
Carbon Tetrachloride
Concen: 46.588 ug/l
RT: 7.898 min Scan# 997
Delta R.T. -0.001 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

Tgt Ion:	117	Resp:	90321
Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.5	113.3
121	29.8	23.8	35.8

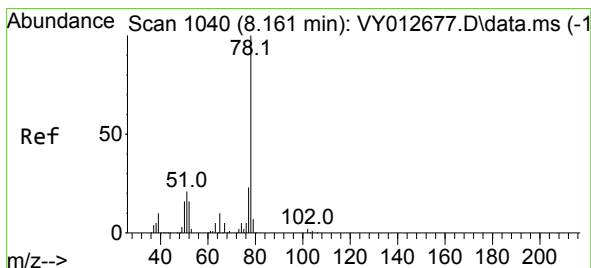
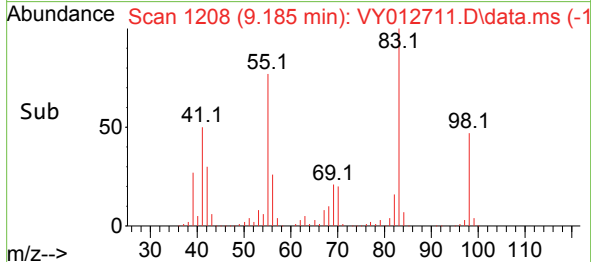
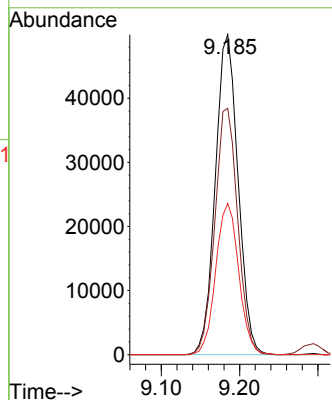
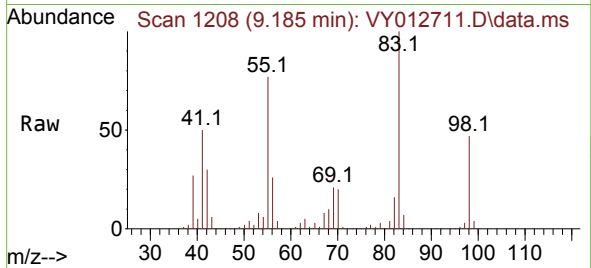




#39
Methylcyclohexane
Concen: 46.579 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

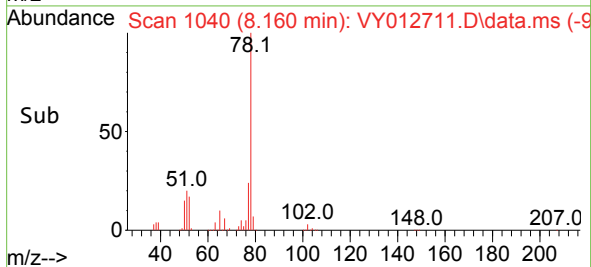
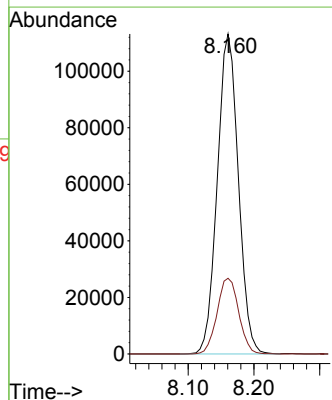
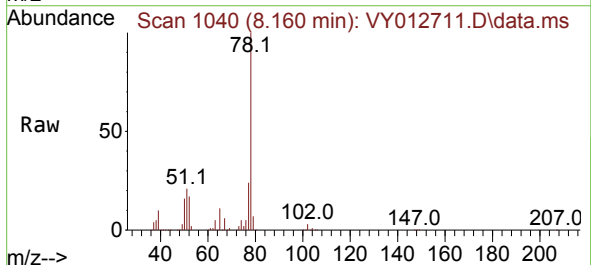
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

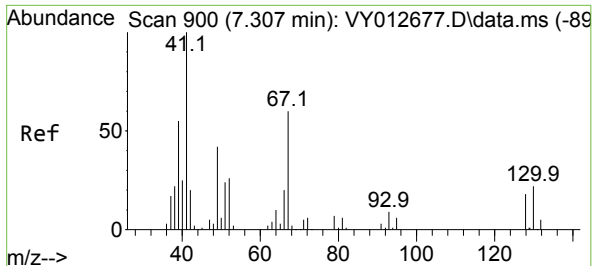
Tgt Ion: 83 Resp: 100745
Ion Ratio Lower Upper
83 100
55 77.0 62.5 93.7
98 47.3 37.8 56.6



#40
Benzene
Concen: 48.186 ug/l
RT: 8.160 min Scan# 1040
Delta R.T. -0.001 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

Tgt Ion: 78 Resp: 252193
Ion Ratio Lower Upper
78 100
77 23.6 18.5 27.7

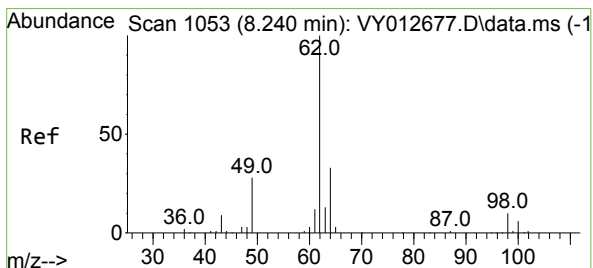
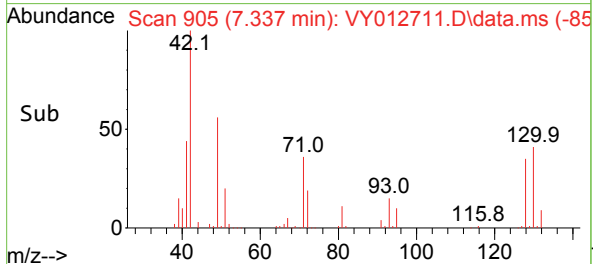
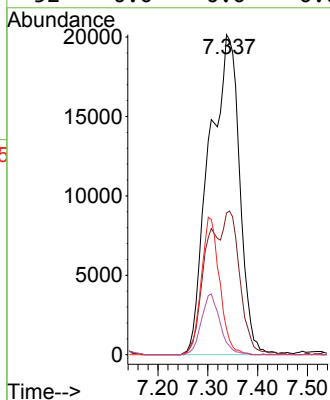
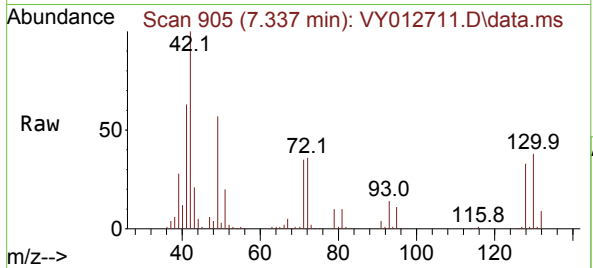




#41
Methacrylonitrile
Concen: 138.138 ug/l
RT: 7.337 min Scan# 905
Delta R.T. 0.030 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

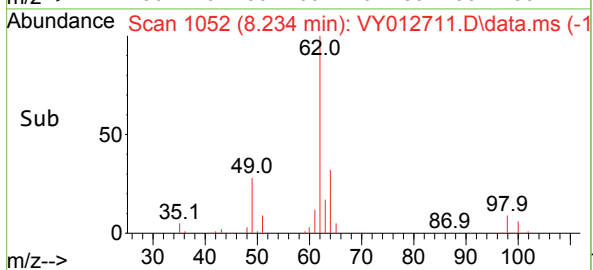
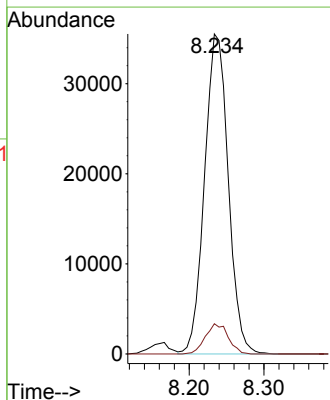
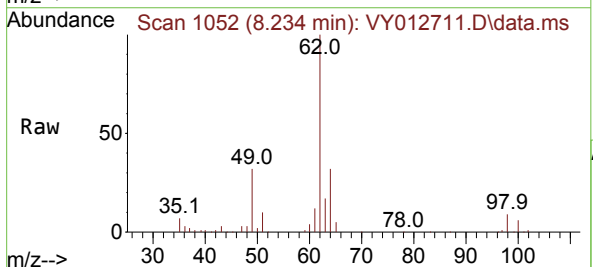
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

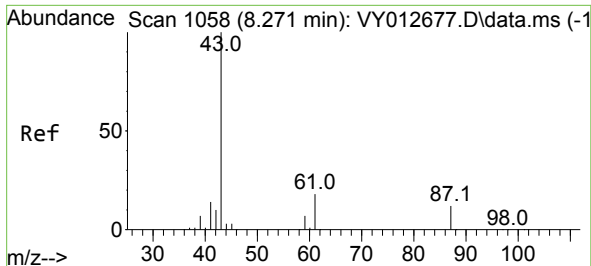
Tgt Ion: 41	Resp:	85120
Ion Ratio	Lower	Upper
41	100	
39	0.0	0.0
67	0.0	0.0
52	0.0	0.0



#42
1,2-Dichloroethane
Concen: 48.252 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

Tgt Ion: 62	Resp:	78309
Ion Ratio	Lower	Upper
62	100	
98	9.1	18.8

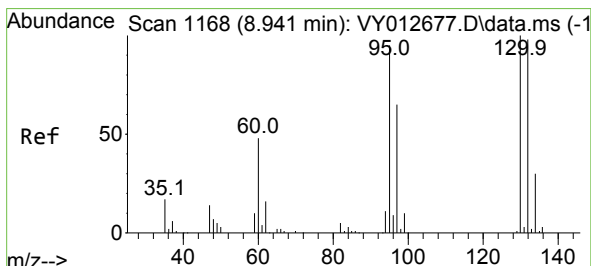
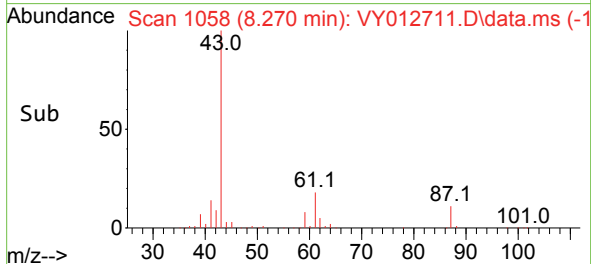
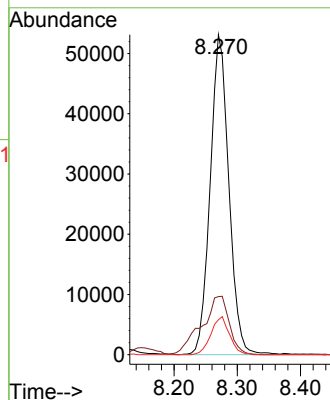
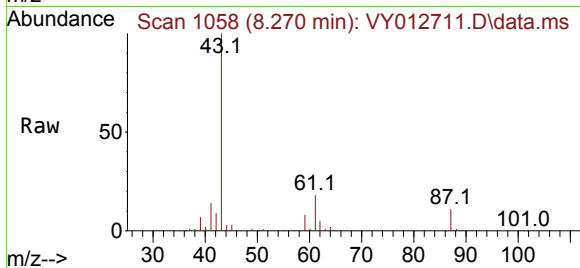




#43
Isopropyl Acetate
Concen: 49.889 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

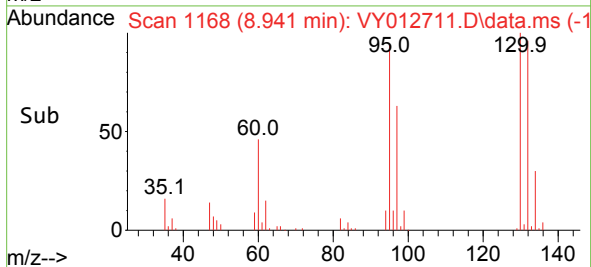
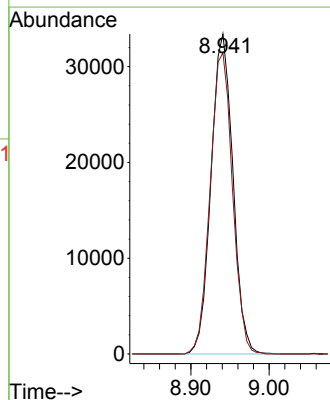
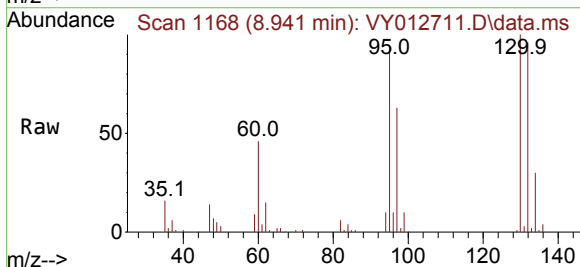
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

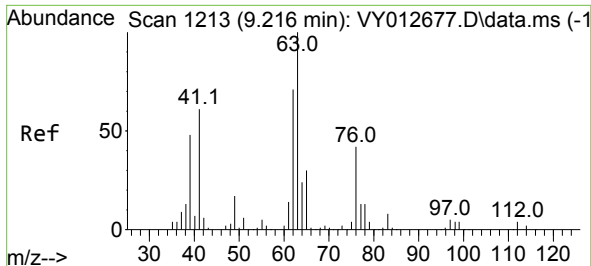
Tgt Ion: 43 Resp: 109071
Ion Ratio Lower Upper
43 100
61 27.0 20.5 30.7
87 11.7 9.2 13.8



#44
Trichloroethene
Concen: 47.726 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

Tgt Ion:130 Resp: 64581
Ion Ratio Lower Upper
130 100
95 94.1 0.0 190.6





#45

1,2-Dichloropropane

Concen: 49.685 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.001 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

Instrument :

MSVOA_Y

ClientSampleId :

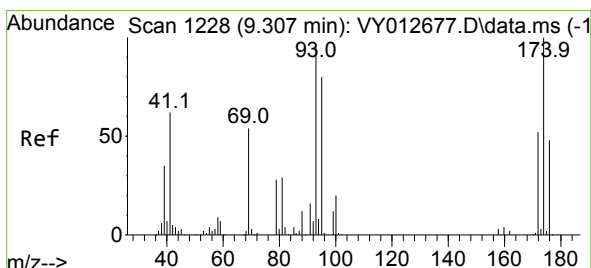
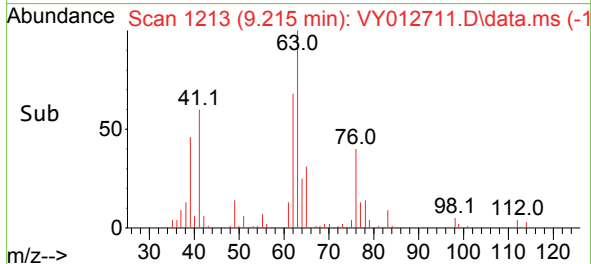
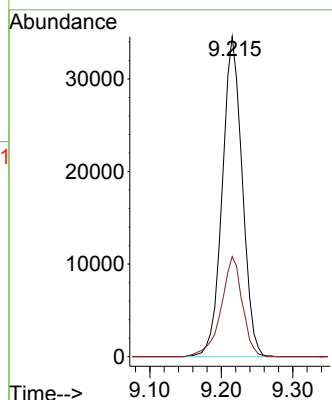
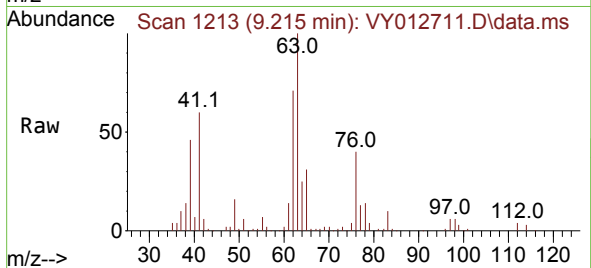
VSTDCCC050EC

Tgt Ion: 63 Resp: 66889

Ion Ratio Lower Upper

63 100

65 31.3 23.9 35.9



#46

Dibromomethane

Concen: 50.298 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

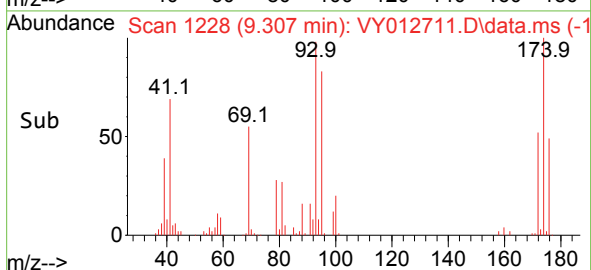
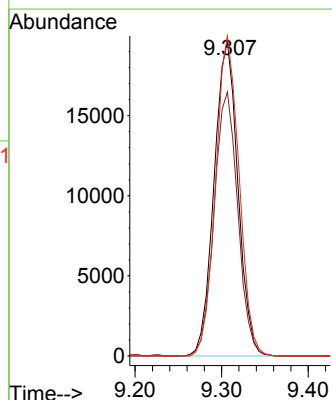
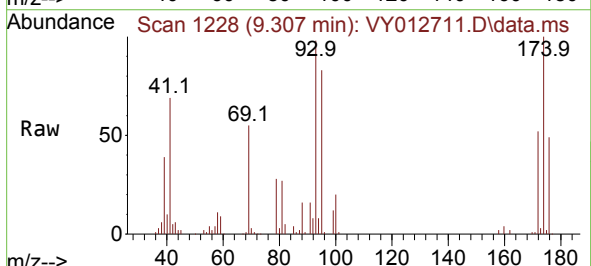
Tgt Ion: 93 Resp: 37379

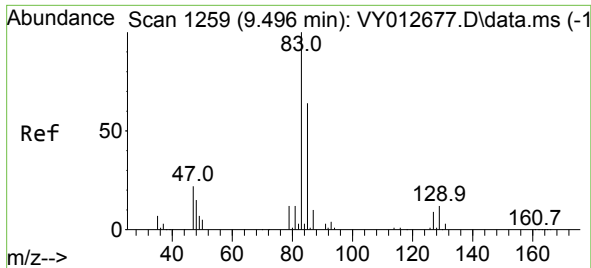
Ion Ratio Lower Upper

93 100

95 83.5 66.6 99.8

174 100.5 79.8 119.6

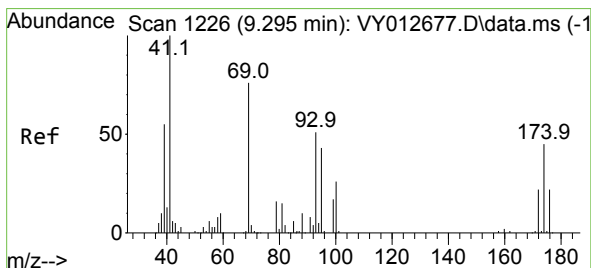
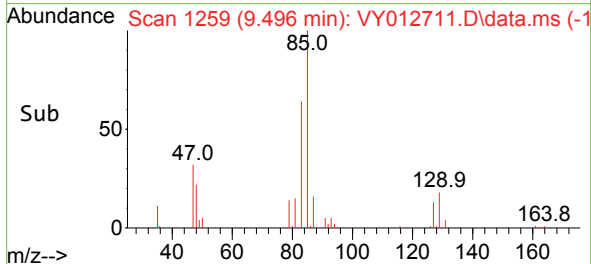
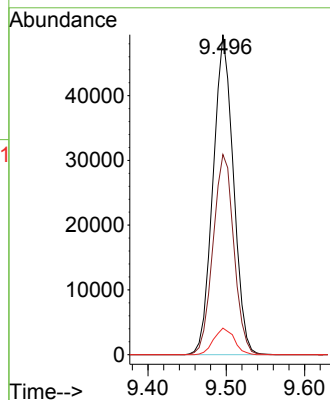
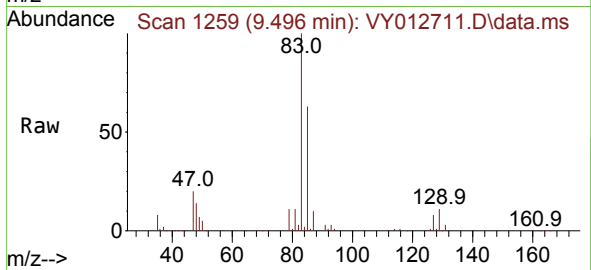




#47
Bromodichloromethane
Concen: 49.891 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

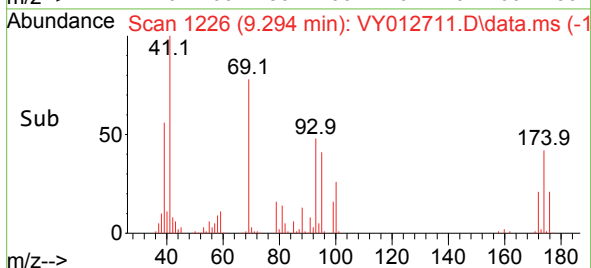
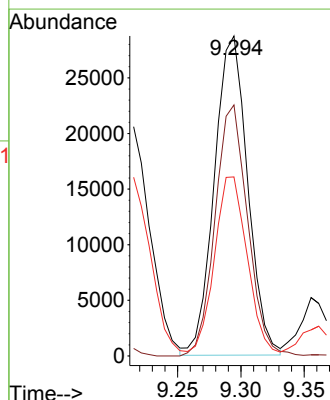
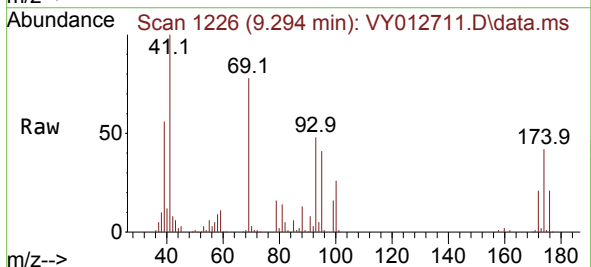
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

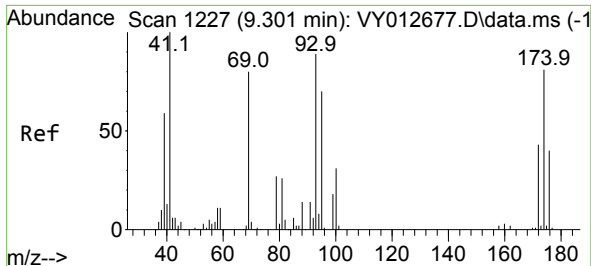
Tgt Ion: 83 Resp: 89258
Ion Ratio Lower Upper
83 100
85 62.5 50.9 76.3
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 51.568 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. -0.001 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

Tgt Ion: 41 Resp: 52610
Ion Ratio Lower Upper
41 100
69 76.9 62.6 93.8
39 53.3 45.1 67.7





#49

1,4-Dioxane

Concen: 883.269 ug/l

RT: 9.294 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

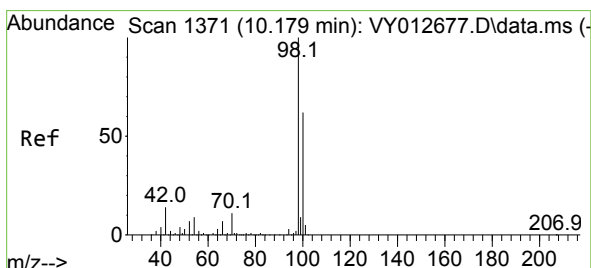
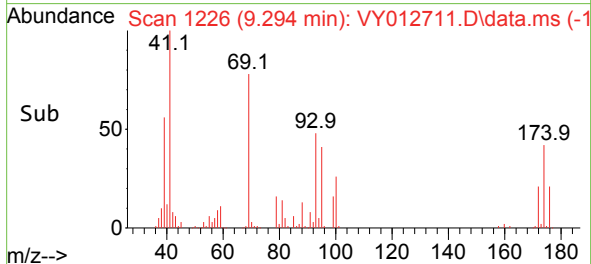
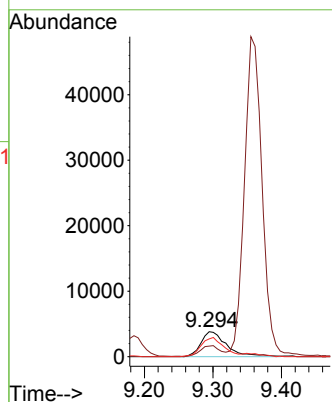
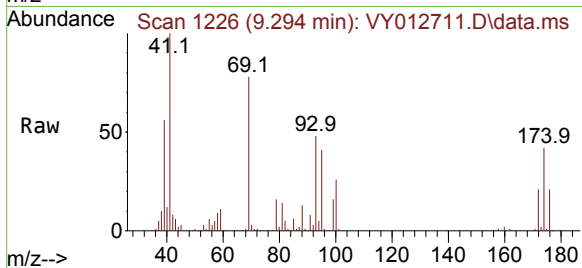
Tgt Ion: 88 Resp: 10014

Ion Ratio Lower Upper

88 100

43 34.4 23.1 34.7

58 68.9 45.8 68.8#



#50

Toluene-d8

Concen: 50.657 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.001 min

Lab File: VY012711.D

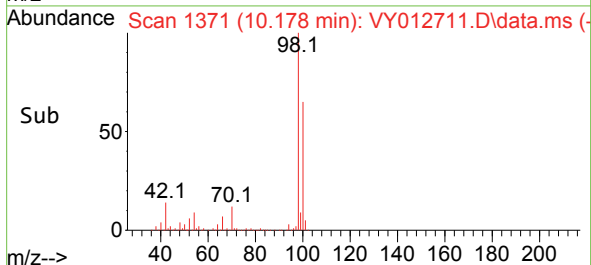
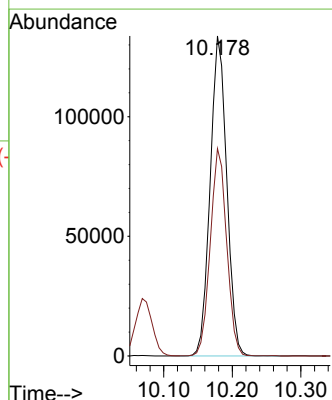
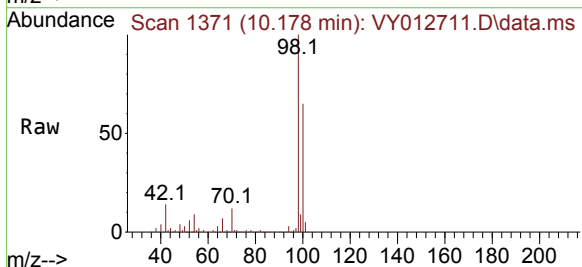
Acq: 23 Feb 2023 17:54

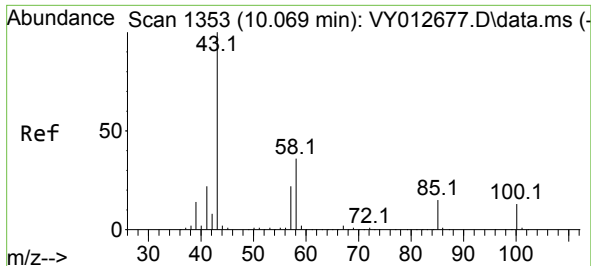
Tgt Ion: 98 Resp: 224494

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8

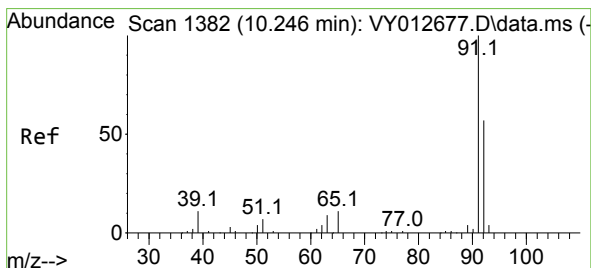
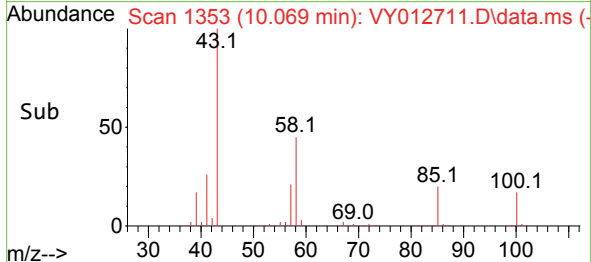
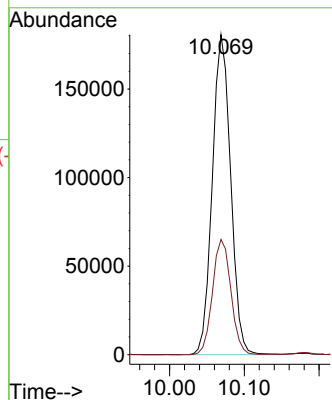
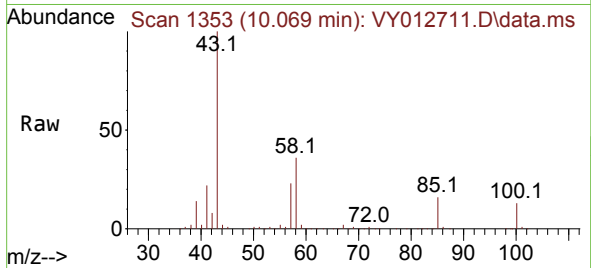




#51
4-Methyl-2-Pentanone
Concen: 261.203 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

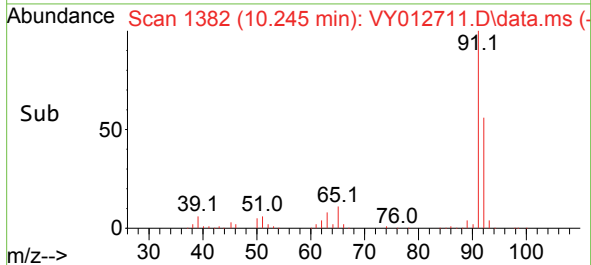
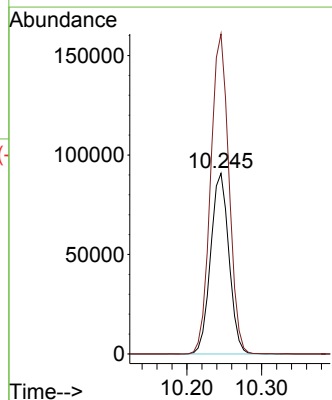
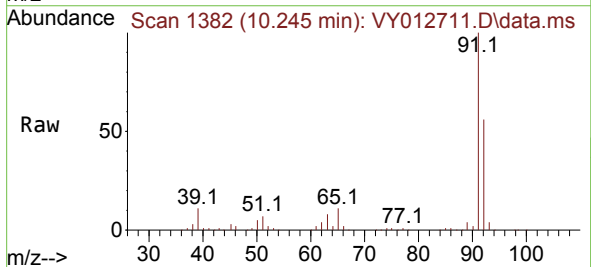
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

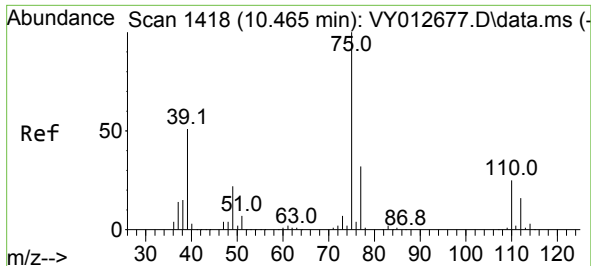
Tgt Ion: 43 Resp: 308047
Ion Ratio Lower Upper
43 100
58 36.2 28.8 43.2



#52
Toluene
Concen: 49.752 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. -0.001 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

Tgt Ion: 92 Resp: 154284
Ion Ratio Lower Upper
92 100
91 177.2 139.5 209.3

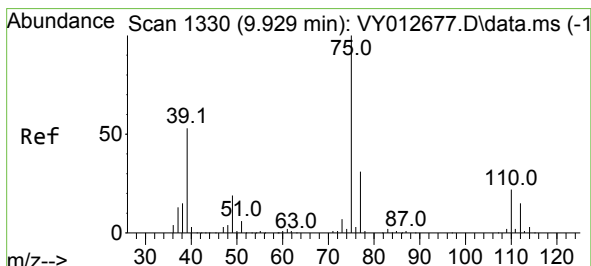
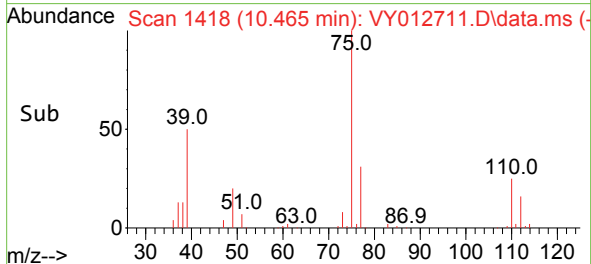
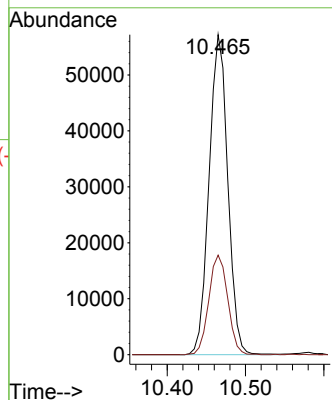
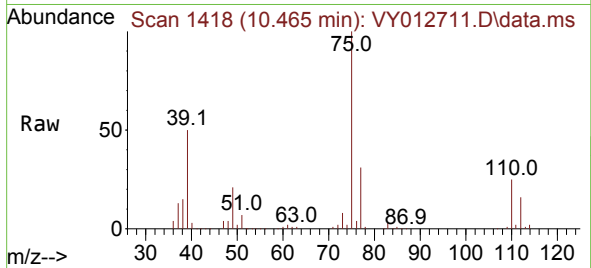




#53
 t-1,3-Dichloropropene
 Concen: 50.663 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY012711.D
 Acq: 23 Feb 2023 17:54

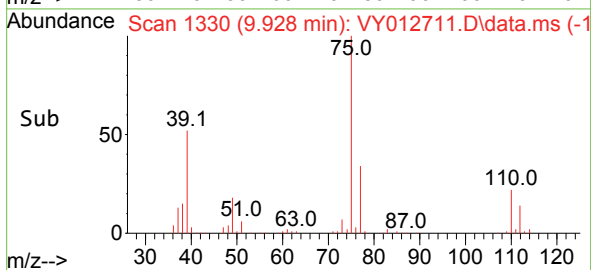
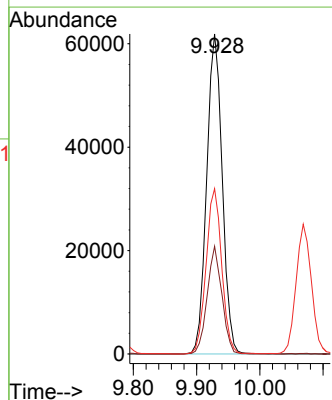
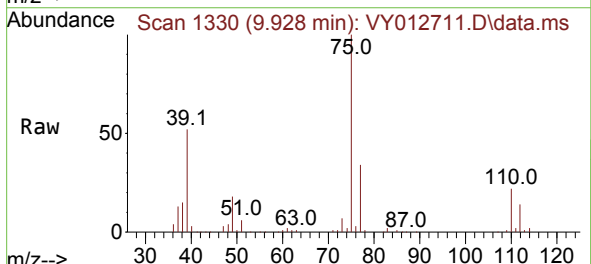
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

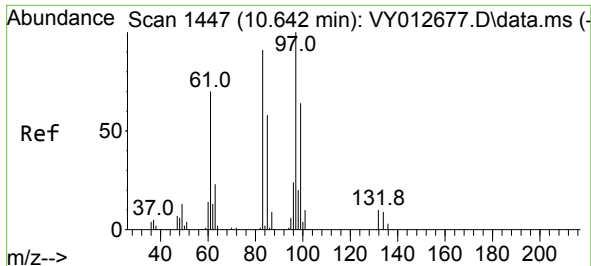
Tgt Ion: 75 Resp: 94715
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 50.081 ug/l
 RT: 9.928 min Scan# 1330
 Delta R.T. -0.001 min
 Lab File: VY012711.D
 Acq: 23 Feb 2023 17:54

Tgt Ion: 75 Resp: 105946
 Ion Ratio Lower Upper
 75 100
 77 33.7 24.9 37.3
 39 51.6 42.7 64.1

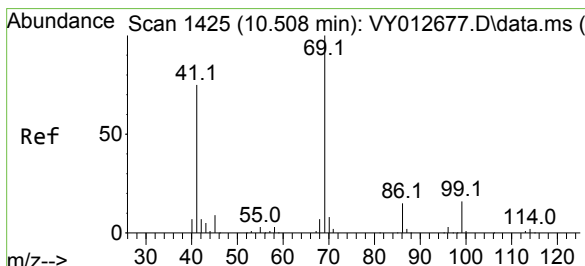
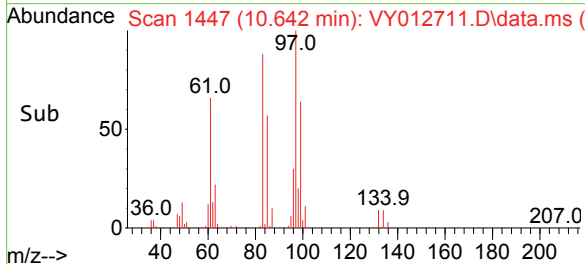
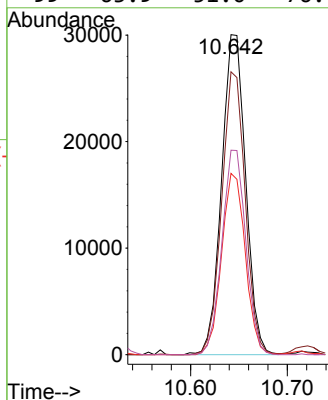
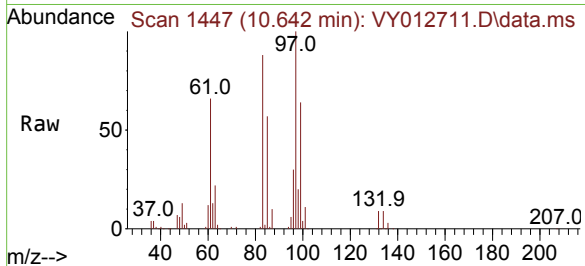




#55
1,1,2-Trichloroethane
Concen: 51.461 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

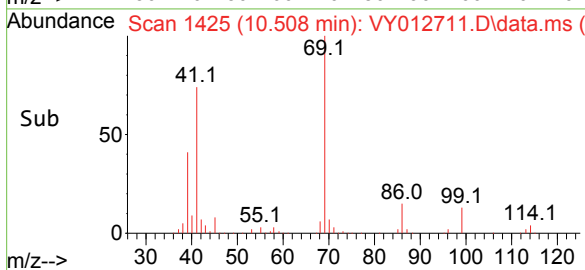
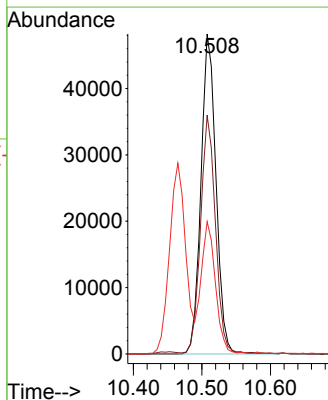
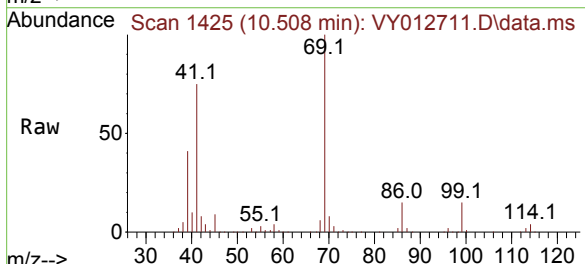
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

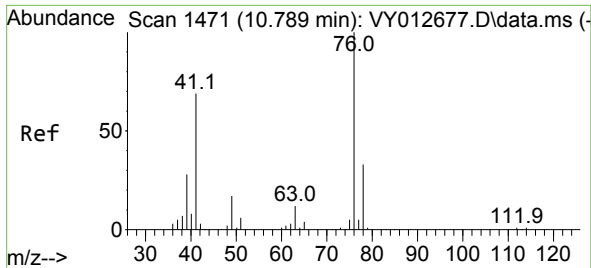
Tgt Ion:	97	Resp:	51944
Ion	Ratio	Lower	Upper
97	100		
83	88.4	73.1	109.7
85	56.6	46.1	69.1
99	63.9	51.0	76.4



#56
Ethyl methacrylate
Concen: 53.559 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

Tgt Ion:	69	Resp:	73831
Ion	Ratio	Lower	Upper
69	100		
41	73.4	60.2	90.4
39	38.8	32.4	48.6

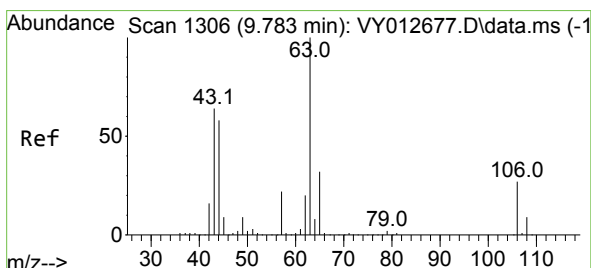
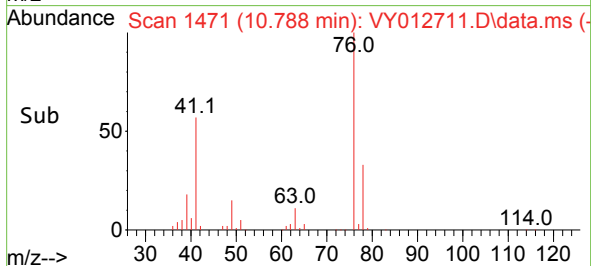
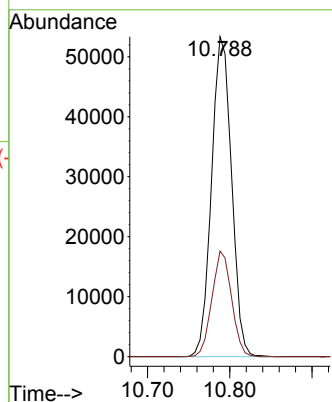
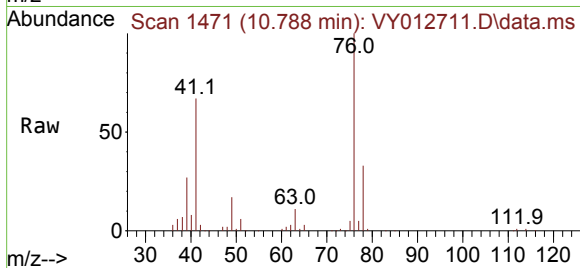




#57
1,3-Dichloropropane
Concen: 50.894 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.001 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

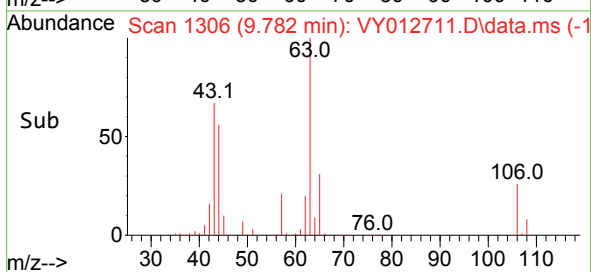
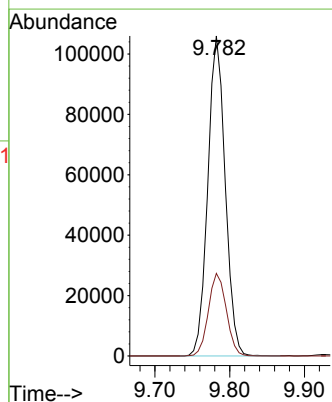
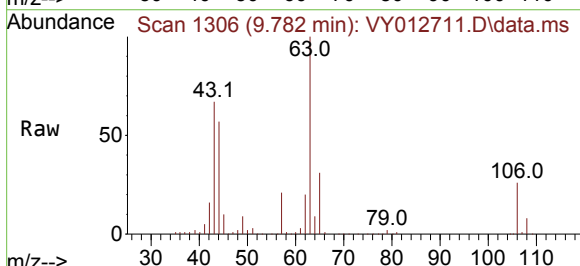
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

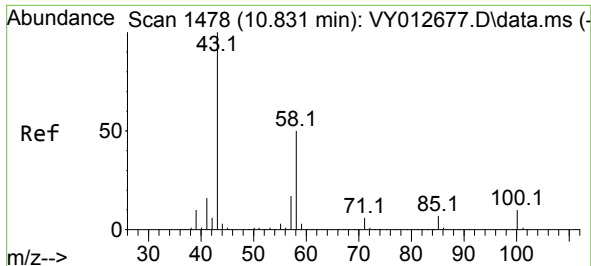
Tgt Ion: 76 Resp: 90291
Ion Ratio Lower Upper
76 100
78 32.3 25.7 38.5



#58
2-Chloroethyl Vinyl ether
Concen: 234.481 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.001 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

Tgt Ion: 63 Resp: 171204
Ion Ratio Lower Upper
63 100
106 26.5 21.0 31.6

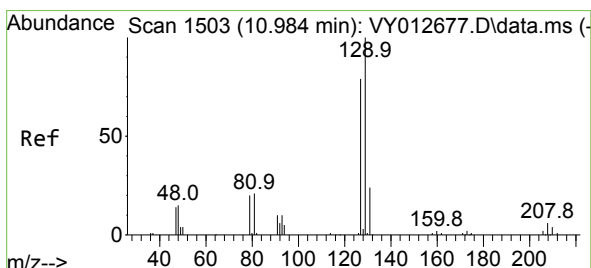
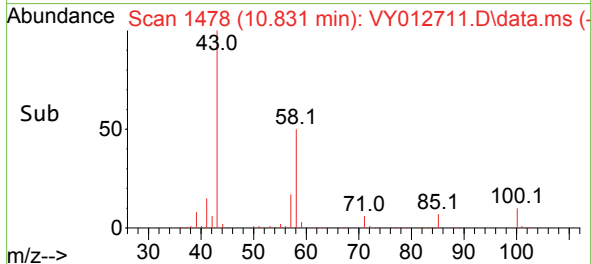
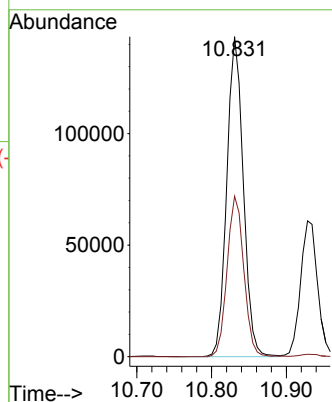
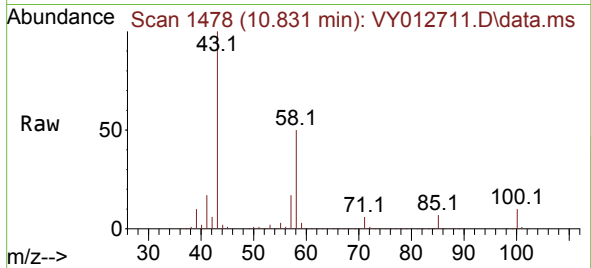




#59
2-Hexanone
Concen: 263.535 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

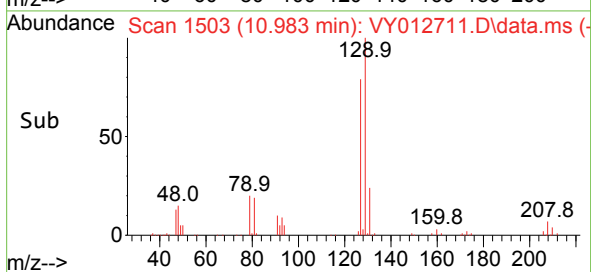
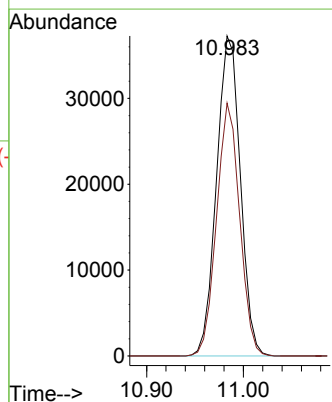
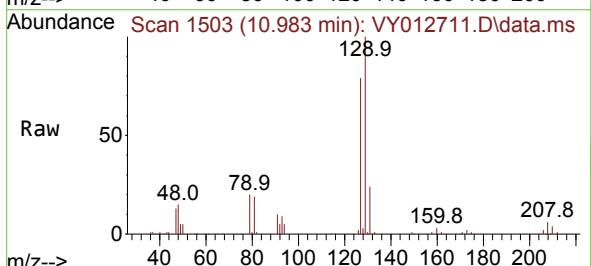
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

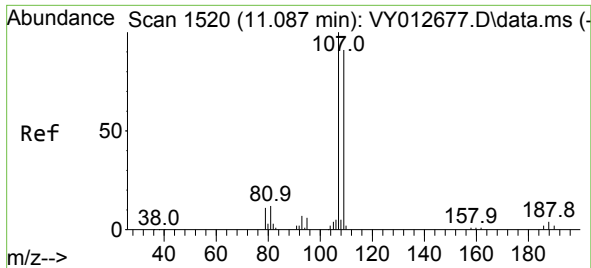
Tgt Ion: 43 Resp: 220329
Ion Ratio Lower Upper
43 100
58 50.7 24.9 74.6



#60
Dibromochloromethane
Concen: 52.039 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

Tgt Ion:129 Resp: 63640
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.3

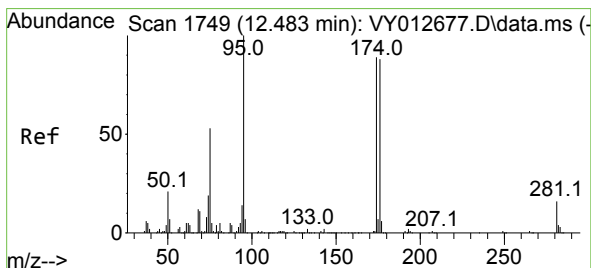
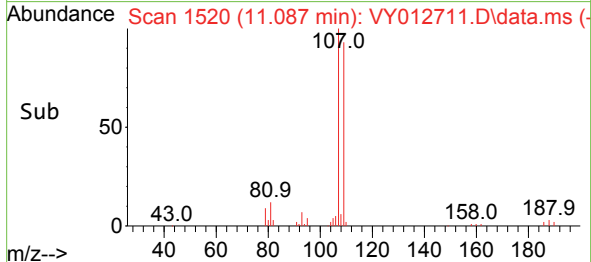
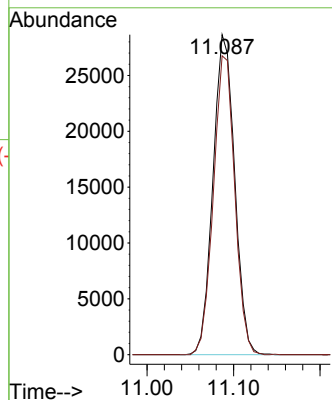
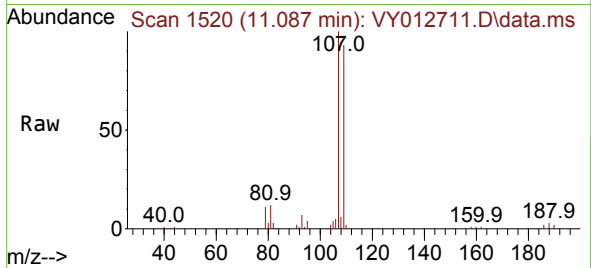




#61
1,2-Dibromoethane
Concen: 51.423 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

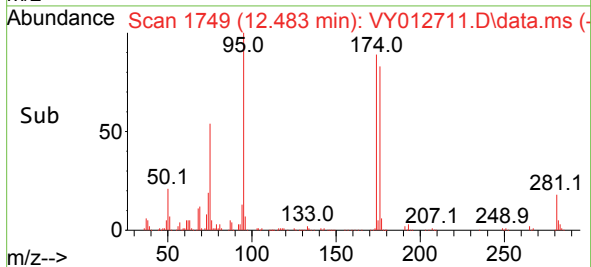
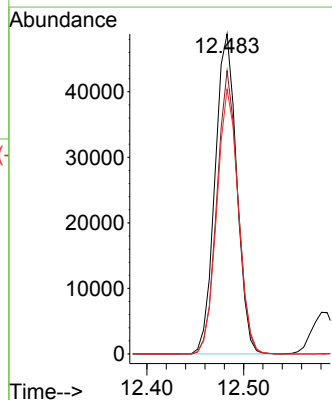
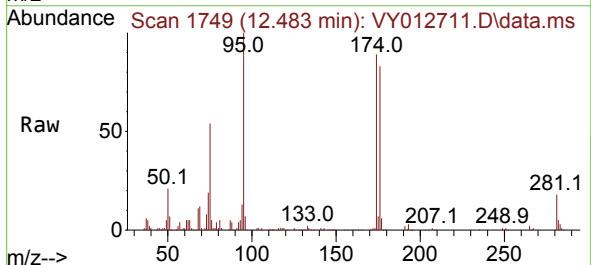
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

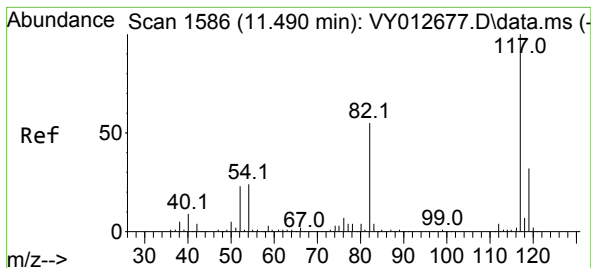
Tgt Ion:107 Resp: 49729
Ion Ratio Lower Upper
107 100
109 92.3 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 53.339 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

Tgt Ion: 95 Resp: 75643
Ion Ratio Lower Upper
95 100
174 85.8 0.0 172.8
176 82.5 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

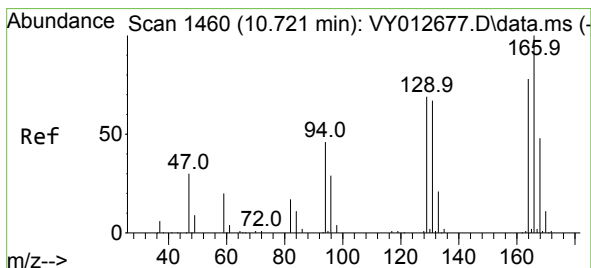
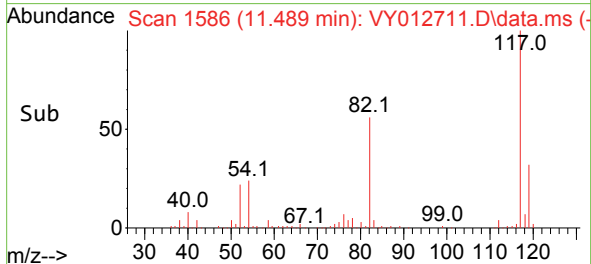
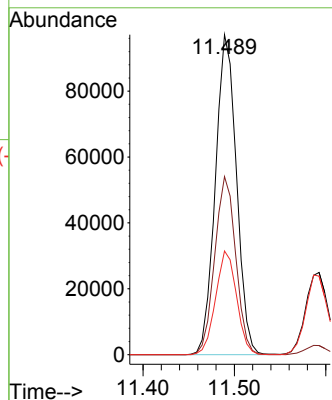
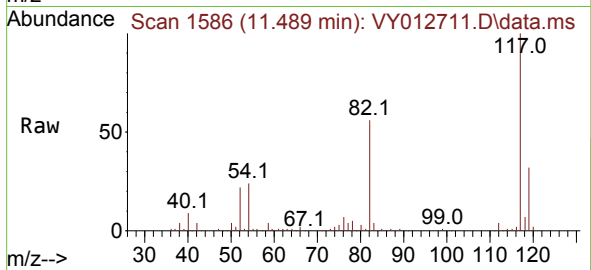
Tgt Ion:117 Resp: 155941

Ion Ratio Lower Upper

117 100

82 55.6 44.1 66.1

119 32.4 25.5 38.3



#64

Tetrachloroethene

Concen: 47.155 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

Tgt Ion:164 Resp: 53480

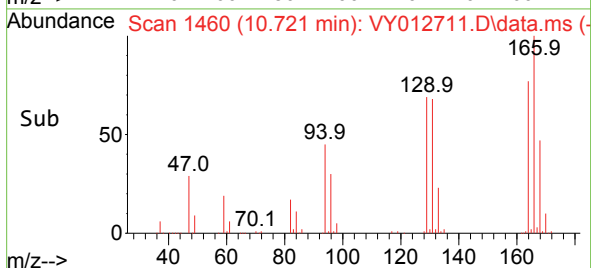
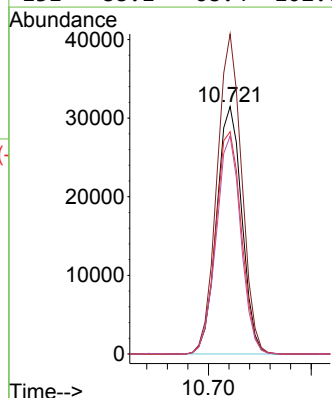
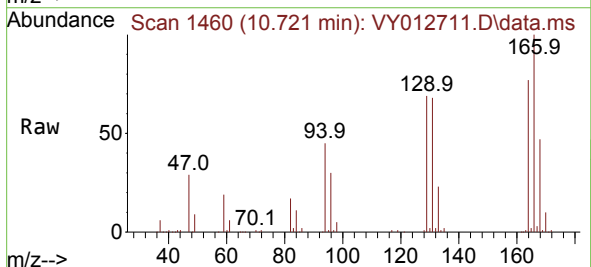
Ion Ratio Lower Upper

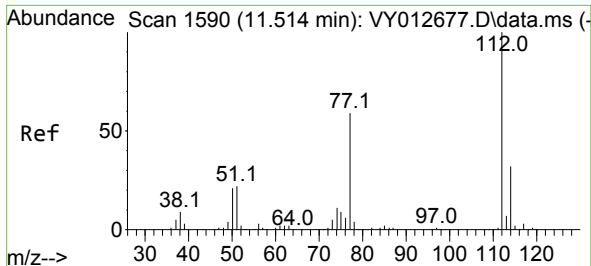
164 100

166 129.4 102.2 153.4

129 89.9 71.0 106.6

131 88.1 68.4 102.6

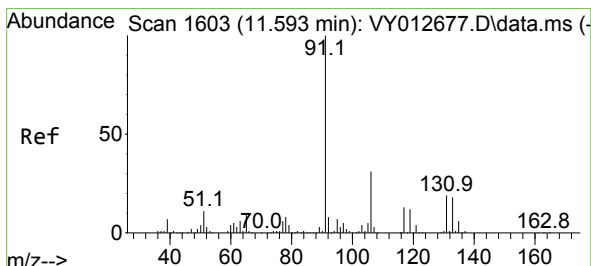
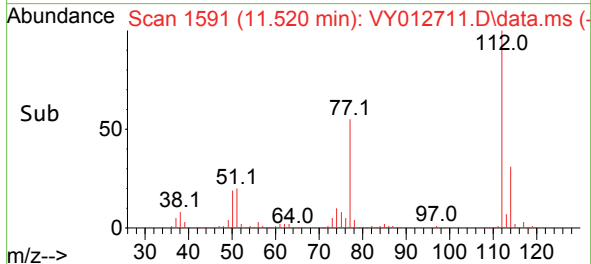
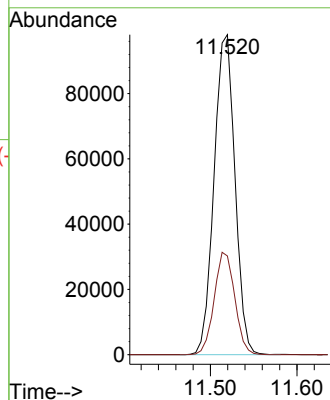
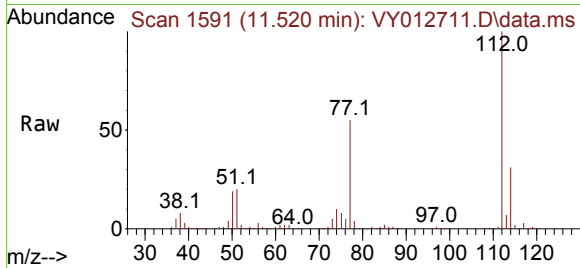




#65
Chlorobenzene
Concen: 49.150 ug/l
RT: 11.520 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

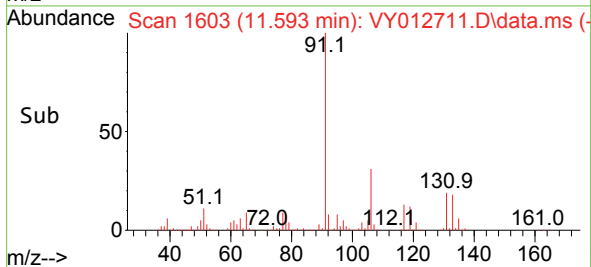
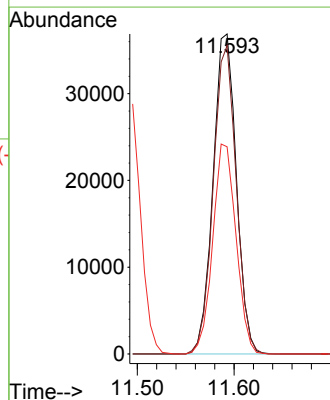
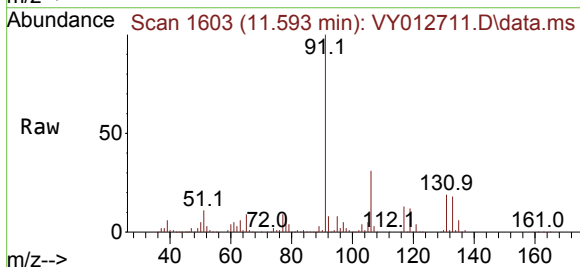
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

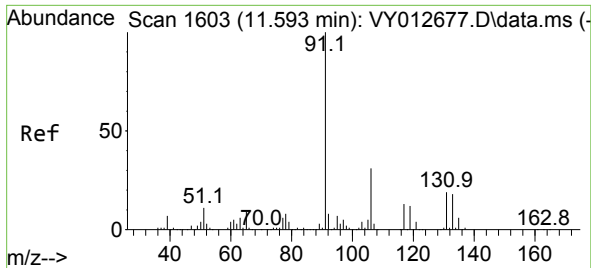
Tgt Ion:112 Resp: 164358
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.677 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

Tgt Ion:131 Resp: 61564
Ion Ratio Lower Upper
131 100
133 95.1 47.1 141.3
119 65.8 32.4 97.2

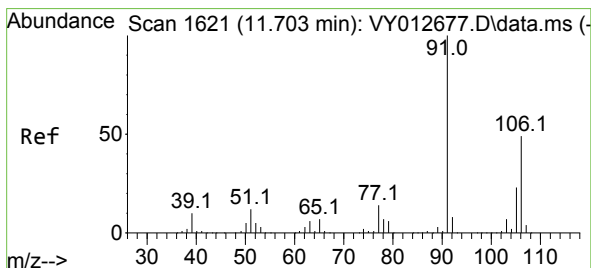
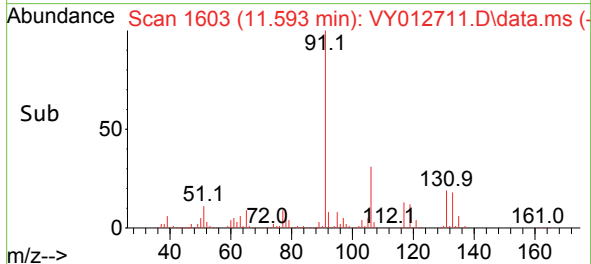
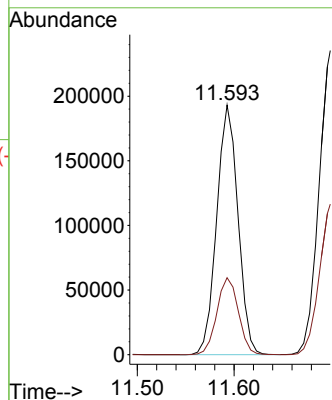
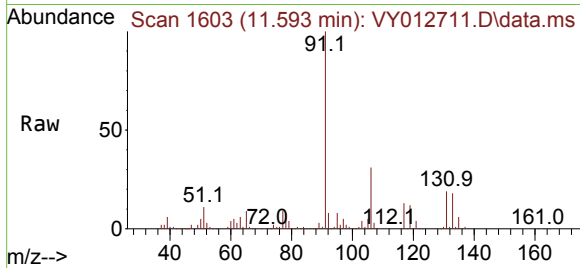




#67
Ethyl Benzene
Concen: 49.276 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

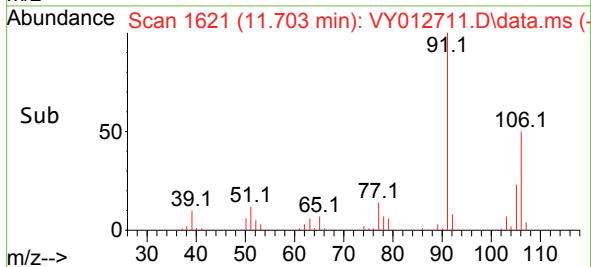
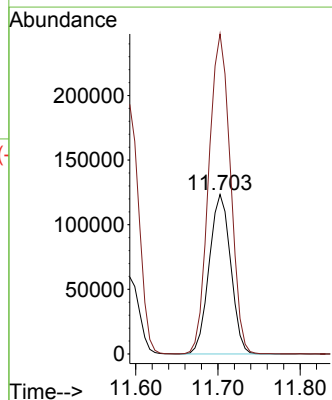
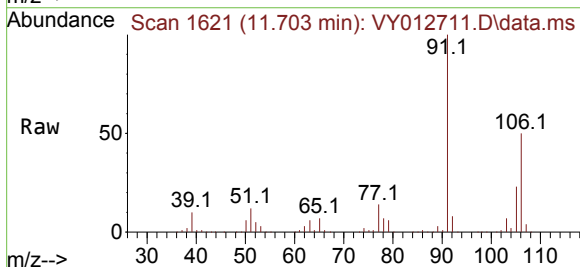
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

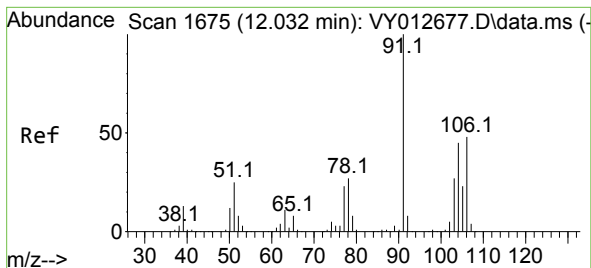
Tgt Ion: 91 Resp: 294541
Ion Ratio Lower Upper
91 100
106 30.8 25.2 37.8



#68
m/p-Xylenes
Concen: 98.359 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

Tgt Ion: 106 Resp: 224277
Ion Ratio Lower Upper
106 100
91 202.0 163.2 244.8





#69

o-Xylene

Concen: 50.067 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

Instrument :

MSVOA_Y

ClientSampleId :

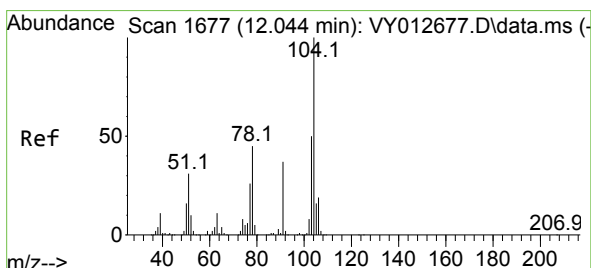
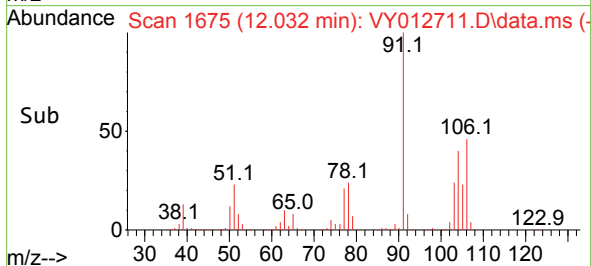
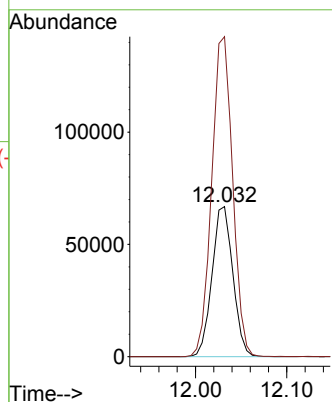
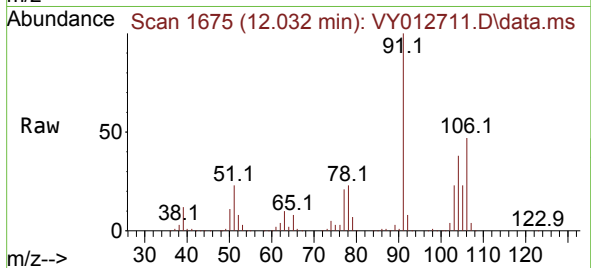
VSTDCCC050EC

Tgt Ion:106 Resp: 105741

Ion Ratio Lower Upper

106 100

91 214.5 106.3 319.0



#70

Styrene

Concen: 51.352 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

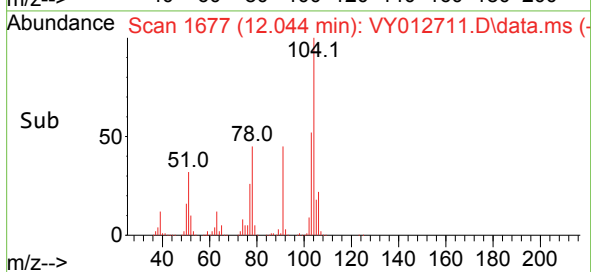
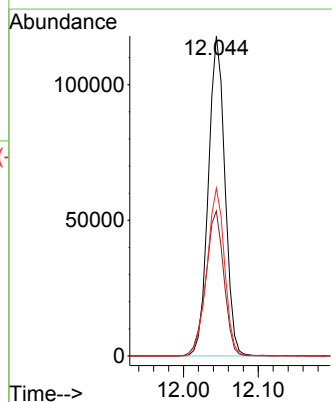
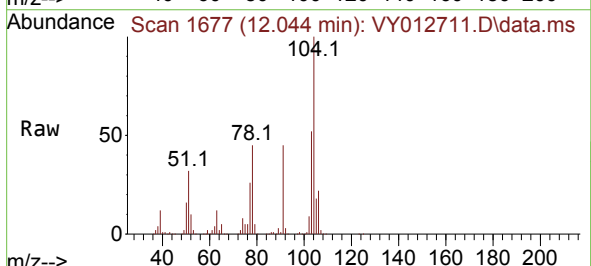
Tgt Ion:104 Resp: 181777

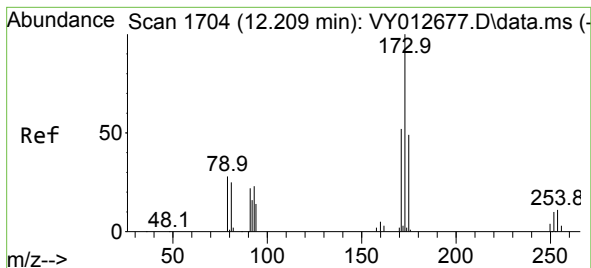
Ion Ratio Lower Upper

104 100

78 49.5 40.6 61.0

103 55.9 44.1 66.1





#71

Bromoform

Concen: 51.355 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

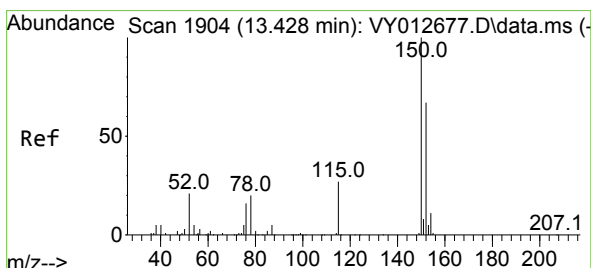
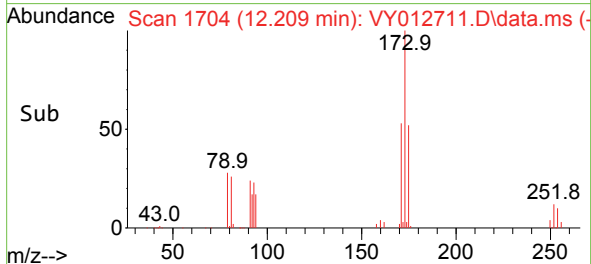
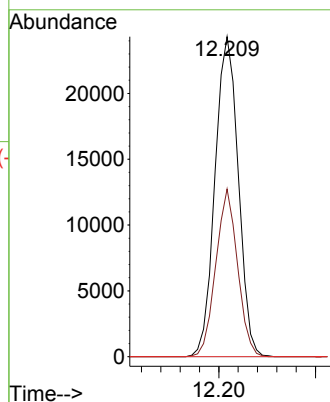
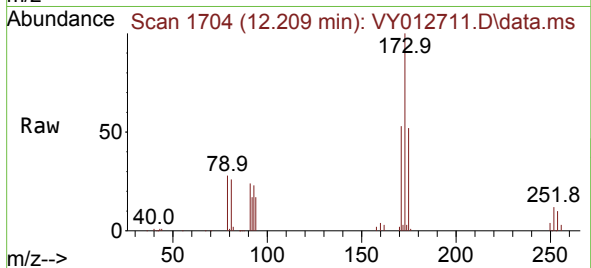
Tgt Ion:173 Resp: 40611

Ion Ratio Lower Upper

173 100

175 48.9 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

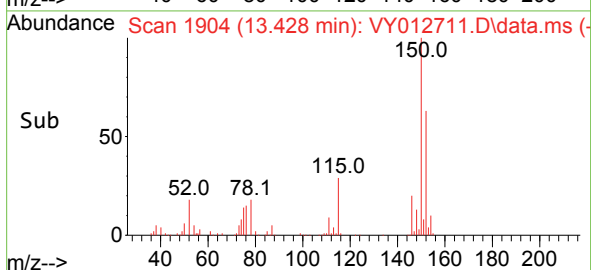
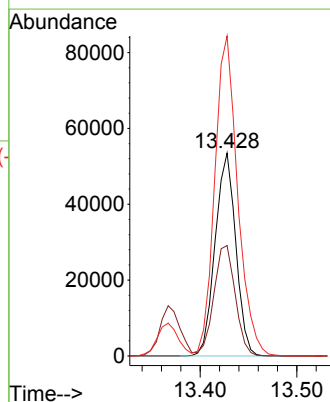
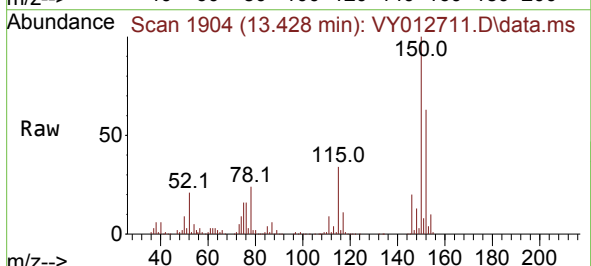
Tgt Ion:152 Resp: 79220

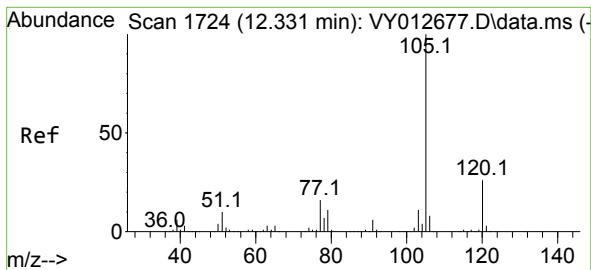
Ion Ratio Lower Upper

152 100

115 56.8 28.7 86.3

150 175.3 0.0 347.6





#73

Isopropylbenzene

Concen: 47.976 ug/l

RT: 12.330 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

Instrument :

MSVOA_Y

ClientSampleId :

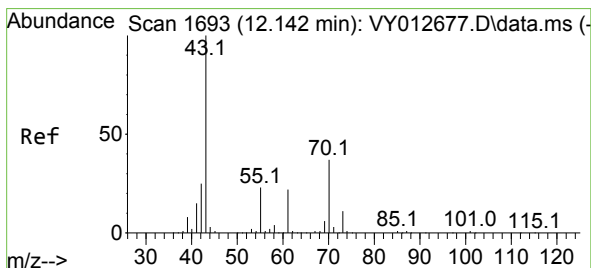
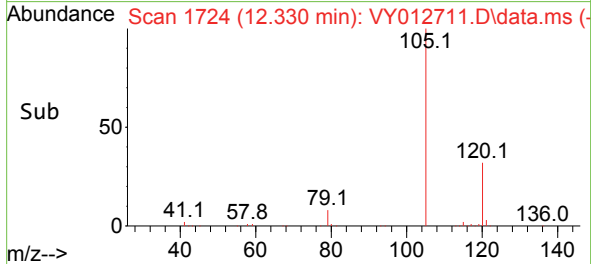
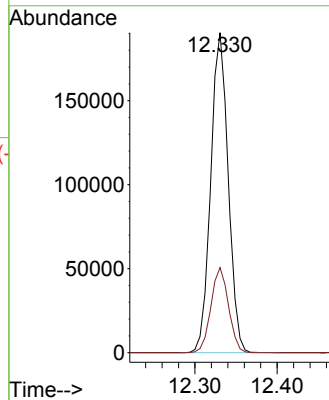
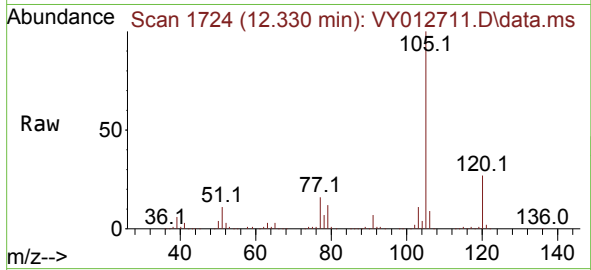
VSTDCCC050EC

Tgt Ion:105 Resp: 280865

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.5



#74

N-ethyl acetate

Concen: 50.381 ug/l

RT: 12.141 min Scan# 1693

Delta R.T. -0.001 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

Tgt Ion: 43 Resp: 96956

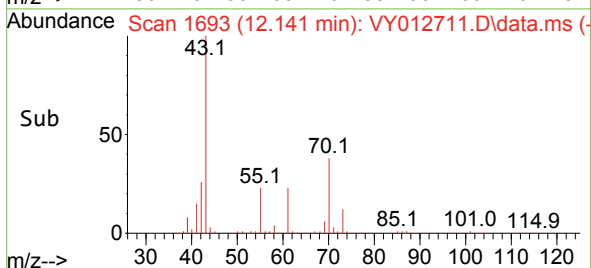
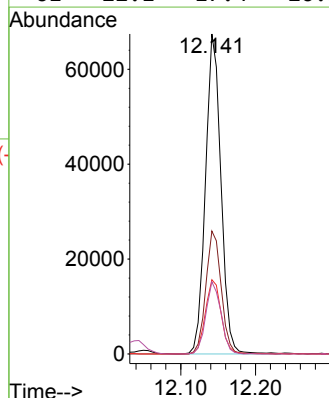
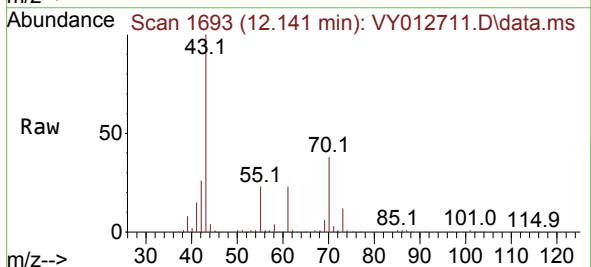
Ion Ratio Lower Upper

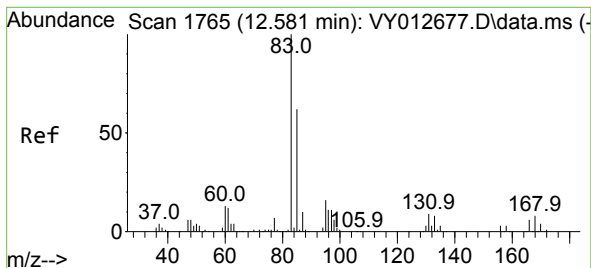
43 100

70 38.0 29.8 44.6

55 23.8 18.2 27.2

61 22.1 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.200 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. -0.001 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

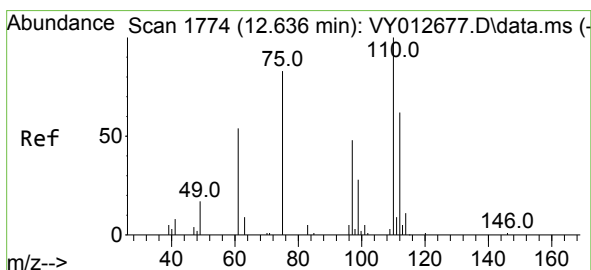
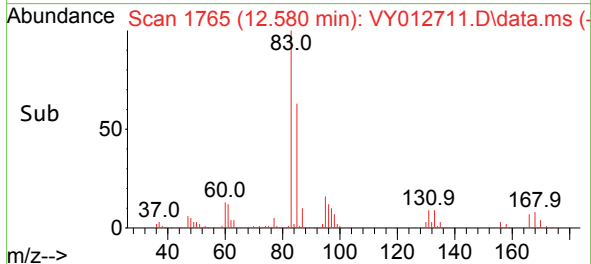
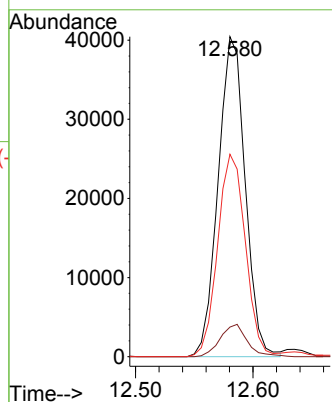
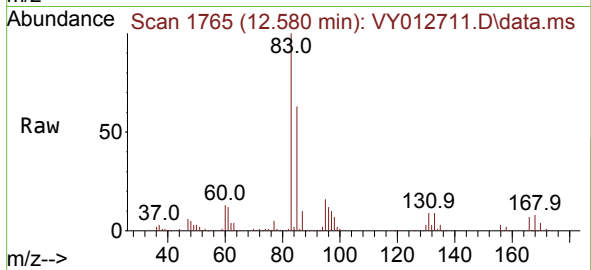
Tgt Ion: 83 Resp: 64762

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

85 64.9 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 84.899 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. -0.001 min

Lab File: VY012711.D

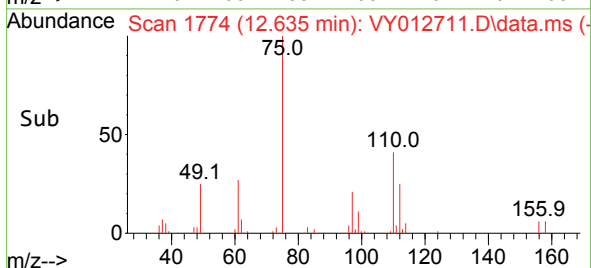
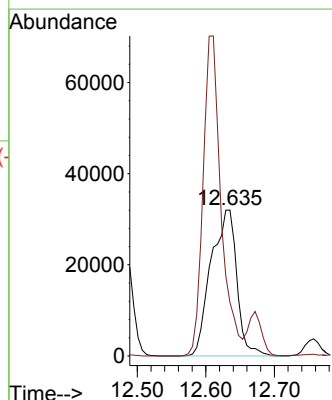
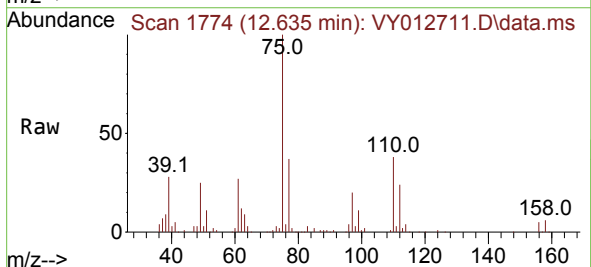
Acq: 23 Feb 2023 17:54

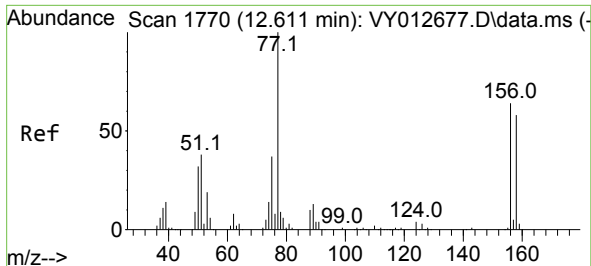
Tgt Ion: 75 Resp: 83847

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

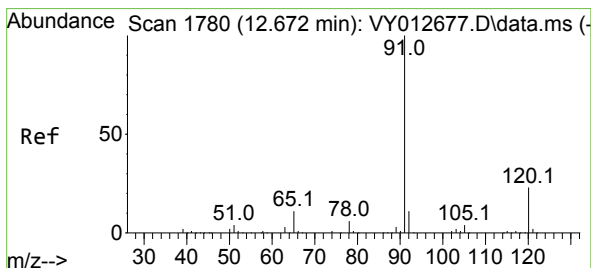
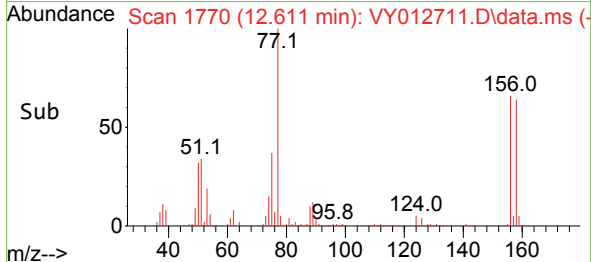
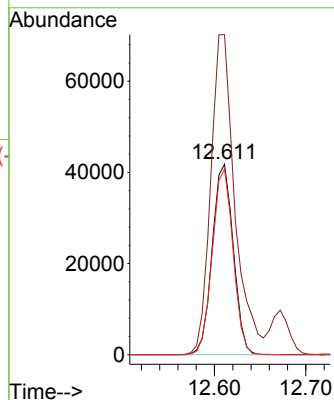
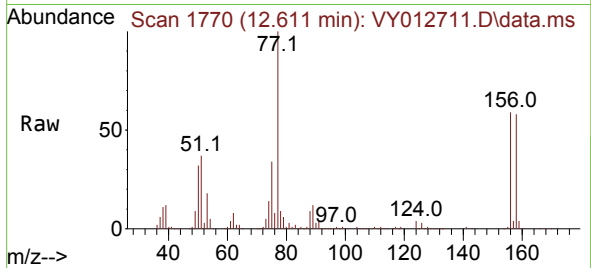




#77
Bromobenzene
Concen: 47.661 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

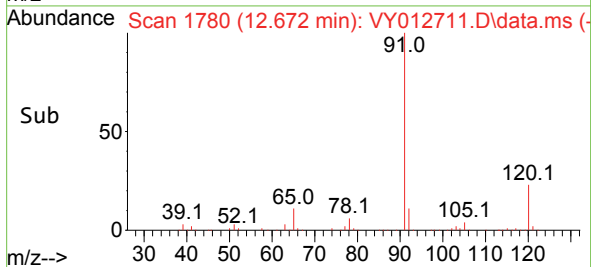
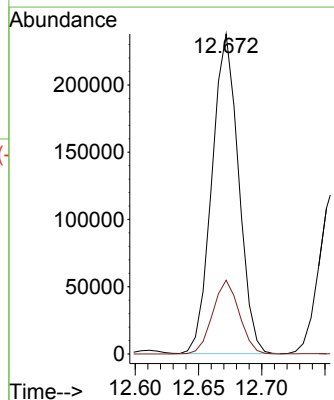
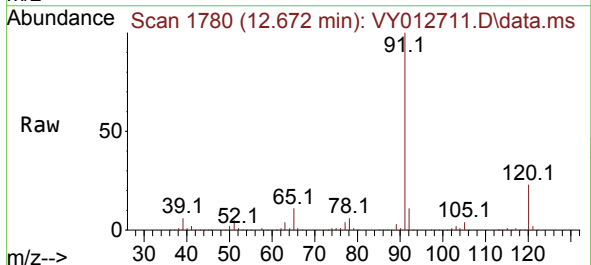
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

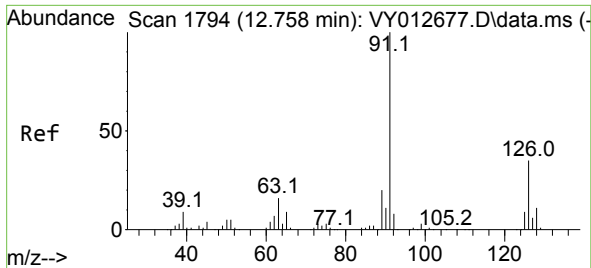
Tgt Ion:156 Resp: 66856
Ion Ratio Lower Upper
156 100
77 192.7 96.3 288.8
158 95.8 48.5 145.6



#78
n-propylbenzene
Concen: 47.561 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

Tgt Ion: 91 Resp: 348275
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.8

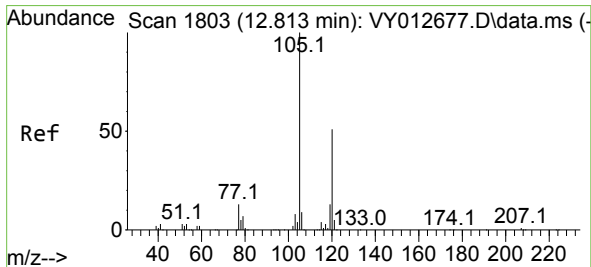
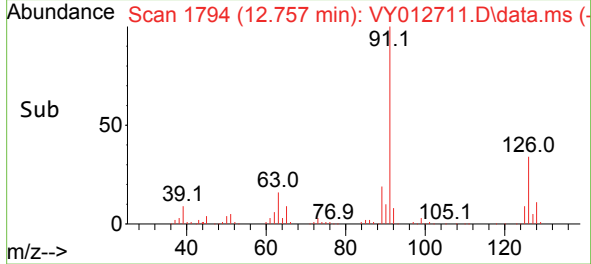
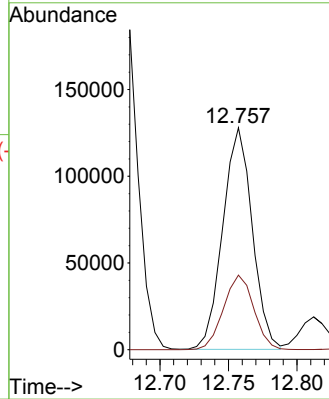
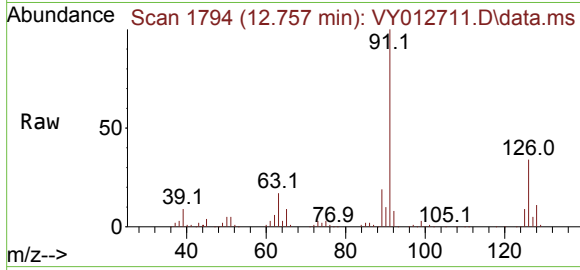




#79
2-Chlorotoluene
Concen: 47.136 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

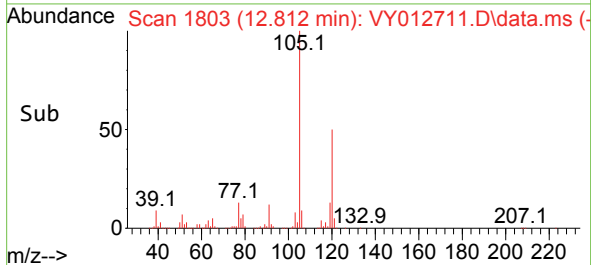
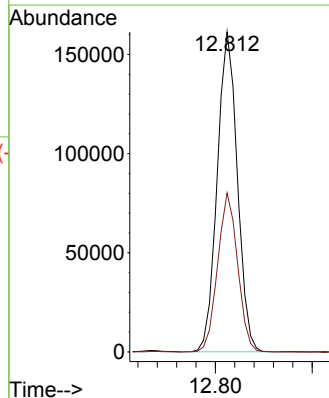
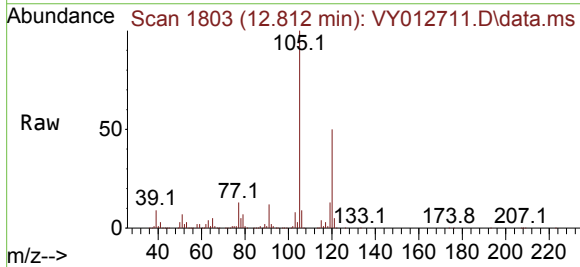
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

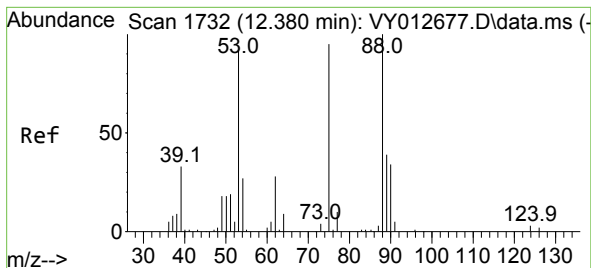
Tgt Ion: 91 Resp: 191753
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 47.536 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

Tgt Ion: 105 Resp: 232460
Ion Ratio Lower Upper
105 100
120 49.4 24.7 74.1

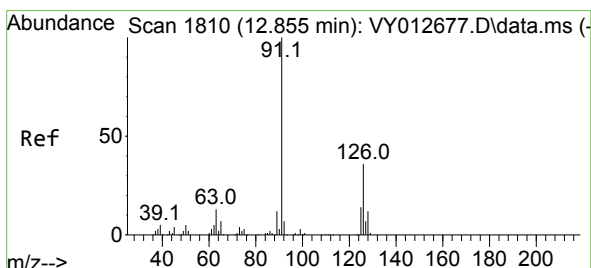
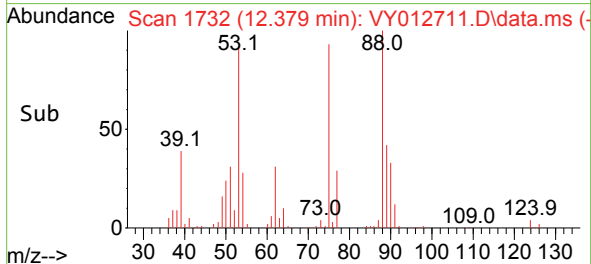
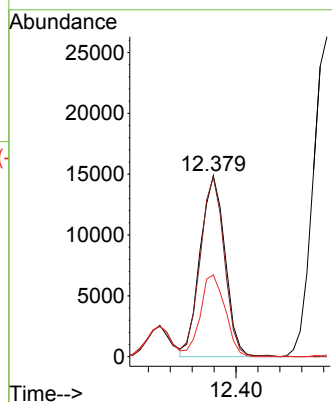
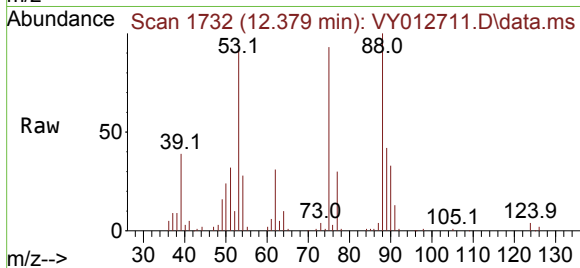




#81
trans-1,4-Dichloro-2-butene
Concen: 50.347 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

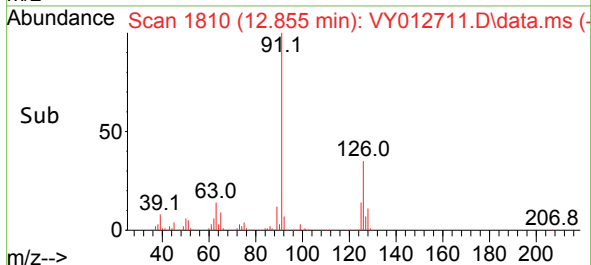
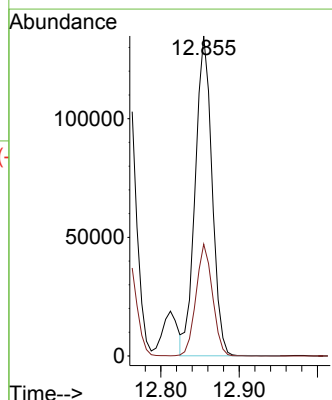
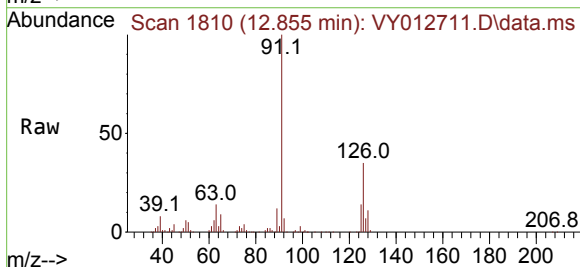
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

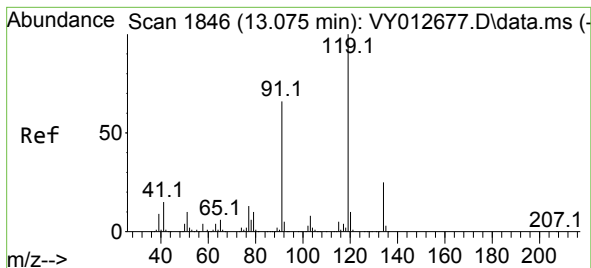
Tgt Ion: 75 Resp: 23471
Ion Ratio Lower Upper
75 100
53 96.3 80.4 120.6
89 45.1 36.5 54.7



#82
4-Chlorotoluene
Concen: 47.550 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

Tgt Ion: 91 Resp: 200624
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.5

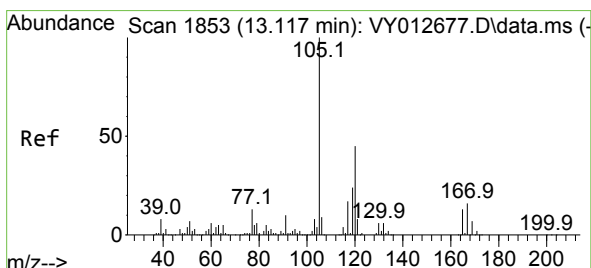
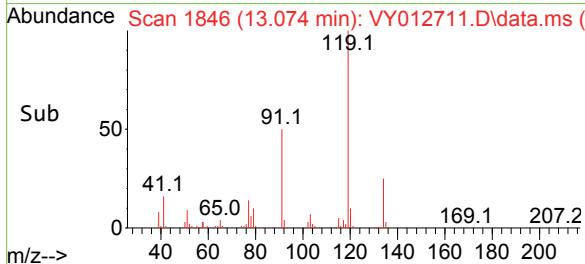
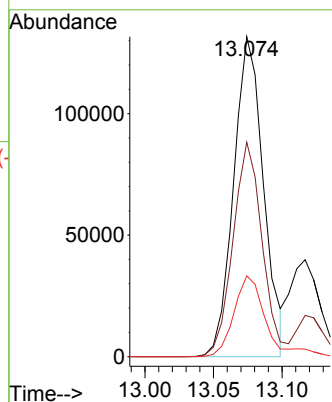
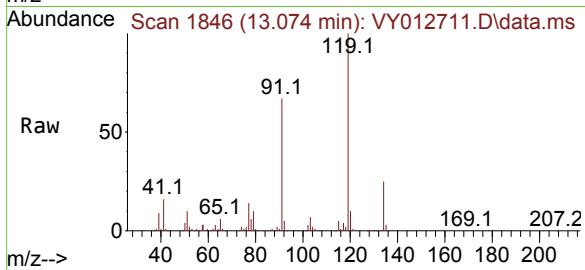




#83
tert-Butylbenzene
Concen: 47.770 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

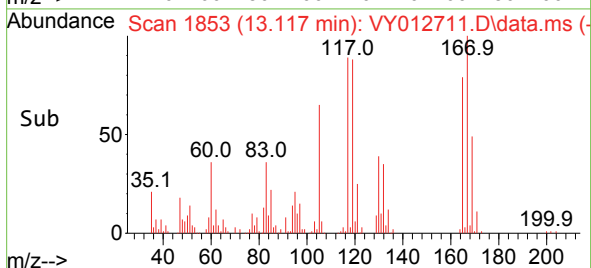
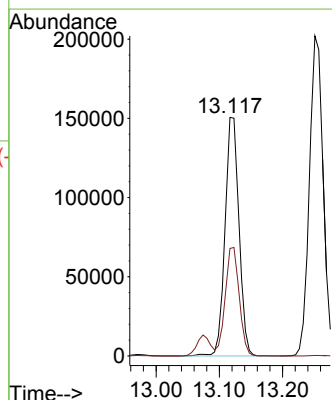
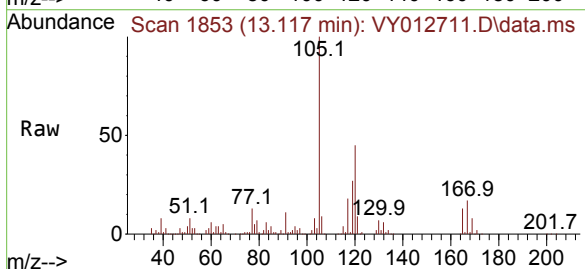
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

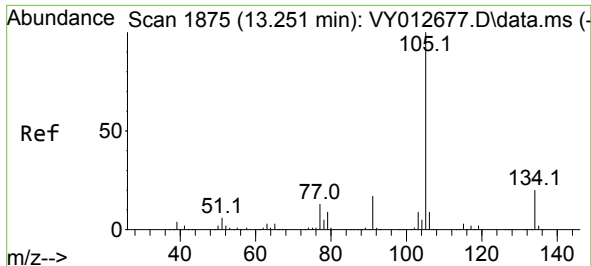
Tgt Ion:119 Resp: 199479
Ion Ratio Lower Upper
119 100
91 65.7 32.4 97.2
134 27.0 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 48.145 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

Tgt Ion:105 Resp: 230159
Ion Ratio Lower Upper
105 100
120 45.4 22.7 68.0

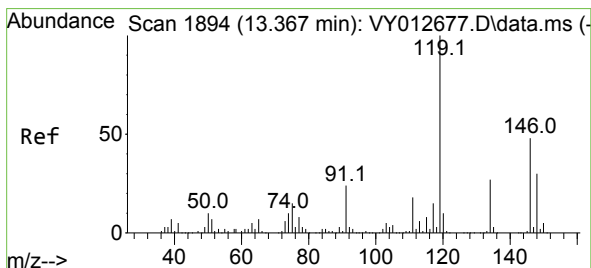
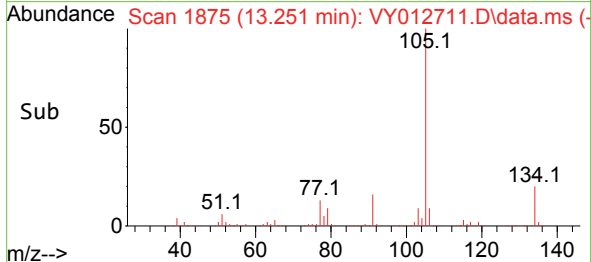
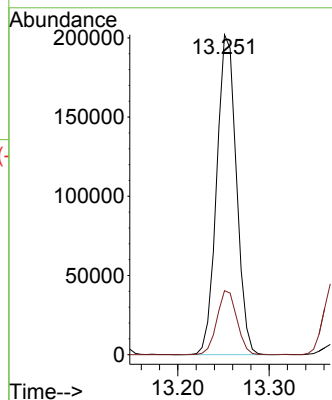
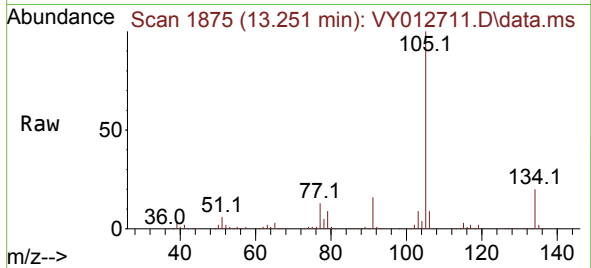




#85
 sec-Butylbenzene
 Concen: 47.699 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY012711.D
 Acq: 23 Feb 2023 17:54

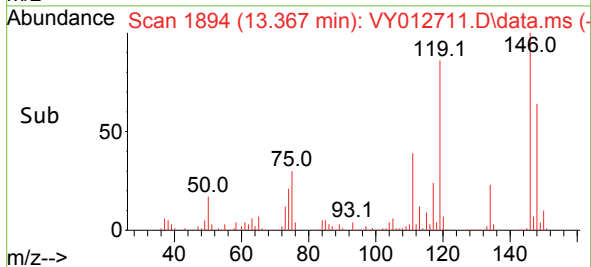
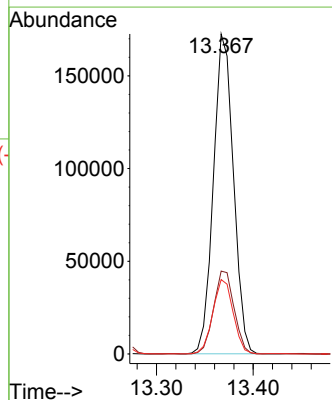
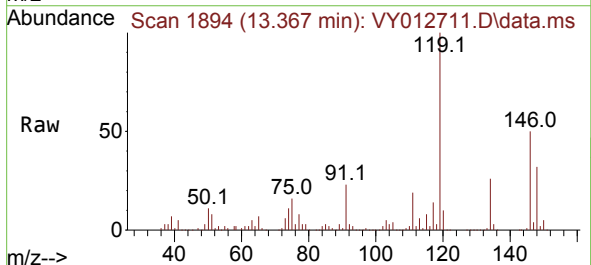
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

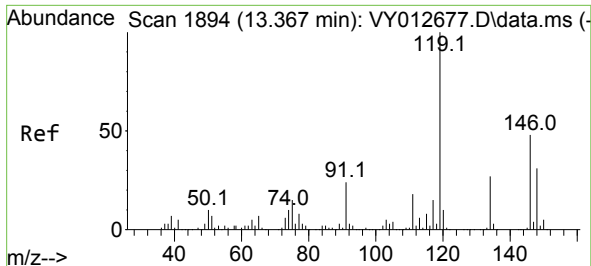
Tgt Ion:105 Resp: 303053
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 47.341 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY012711.D
 Acq: 23 Feb 2023 17:54

Tgt Ion:119 Resp: 247709
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 23.6 11.9 35.5

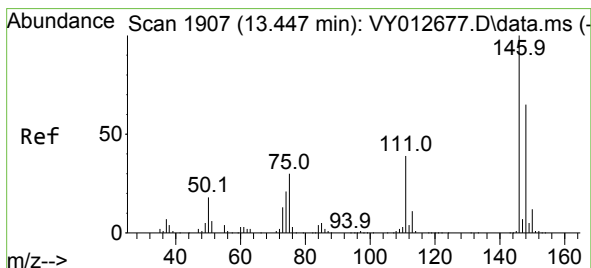
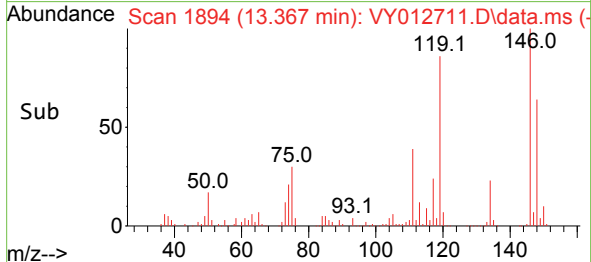
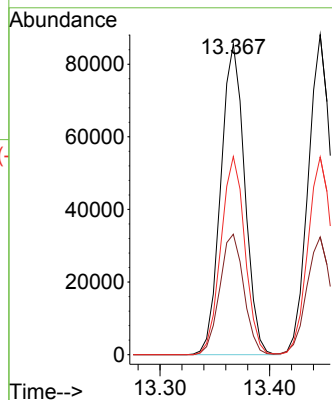
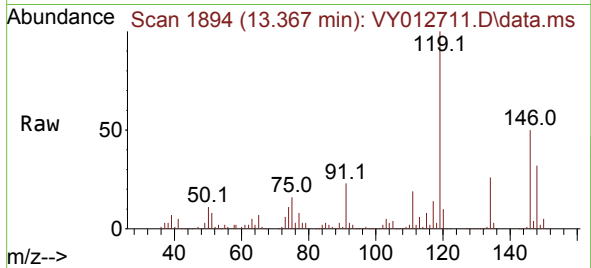




#87
 1,3-Dichlorobenzene
 Concen: 47.266 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY012711.D
 Acq: 23 Feb 2023 17:54

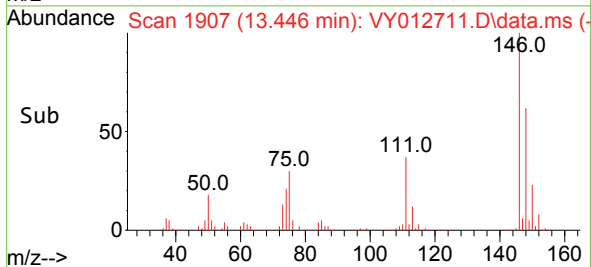
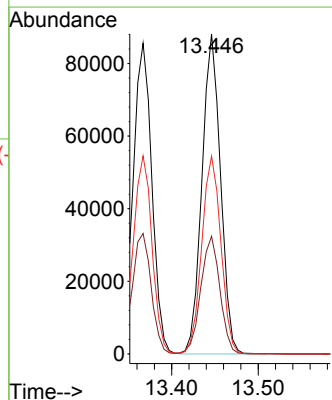
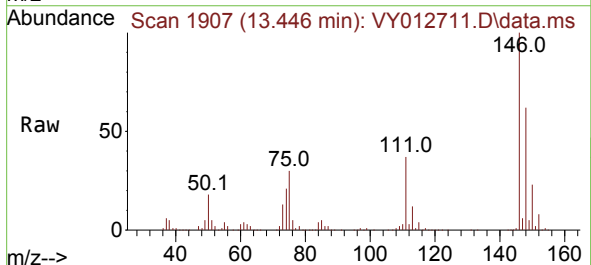
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

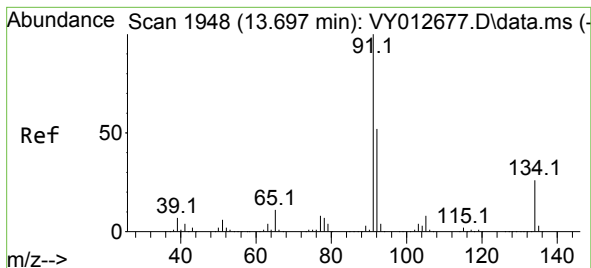
Tgt Ion:146 Resp: 129863
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.7
 148 63.8 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 47.073 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.001 min
 Lab File: VY012711.D
 Acq: 23 Feb 2023 17:54

Tgt Ion:146 Resp: 131153
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.1 57.3
 148 63.8 32.0 96.0





#89

n-Butylbenzene

Concen: 47.292 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

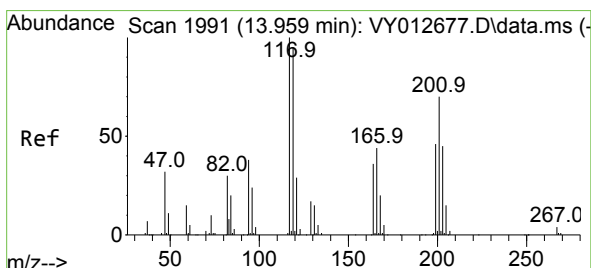
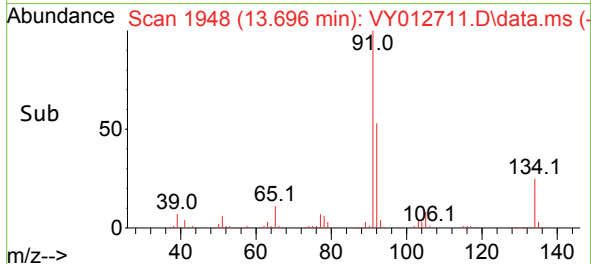
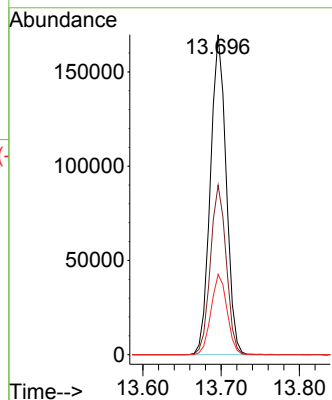
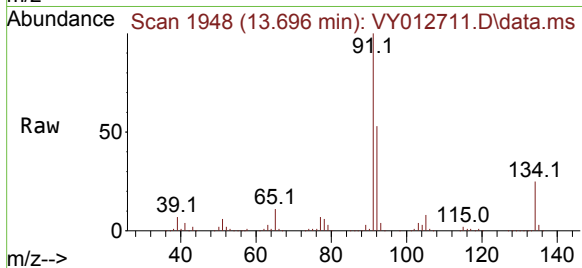
Tgt Ion: 91 Resp: 236983

Ion Ratio Lower Upper

91 100

92 53.2 26.3 78.8

134 25.4 13.0 38.9



#90

Hexachloroethane

Concen: 46.410 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.001 min

Lab File: VY012711.D

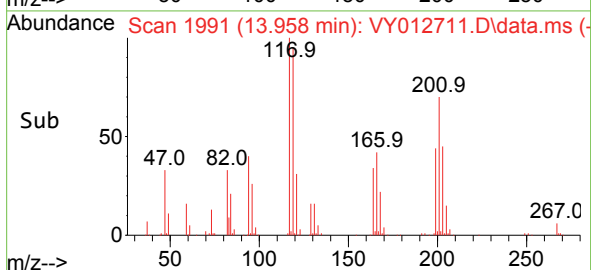
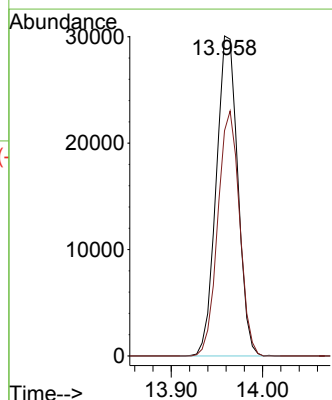
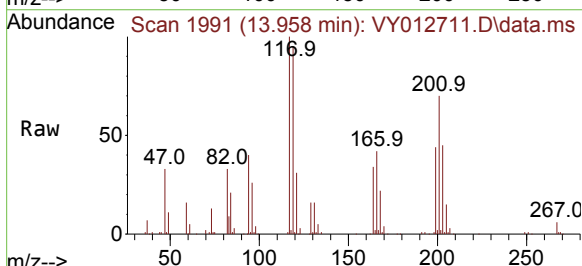
Acq: 23 Feb 2023 17:54

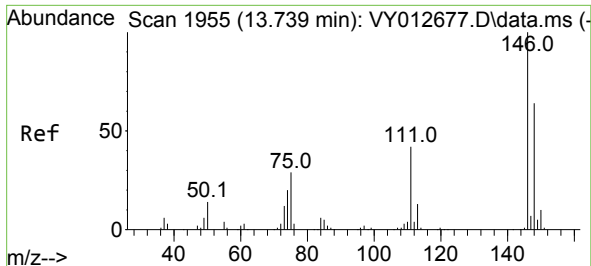
Tgt Ion: 117 Resp: 49281

Ion Ratio Lower Upper

117 100

201 77.0 38.3 114.8

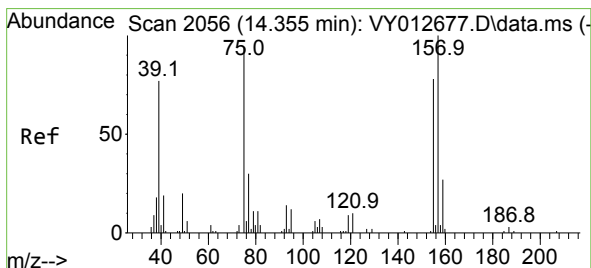
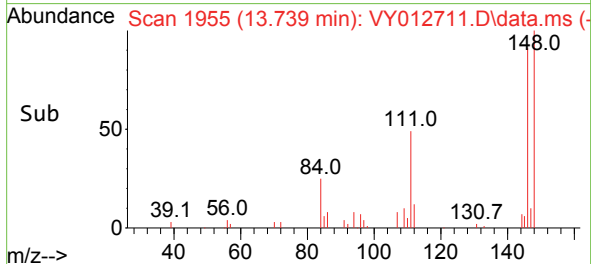
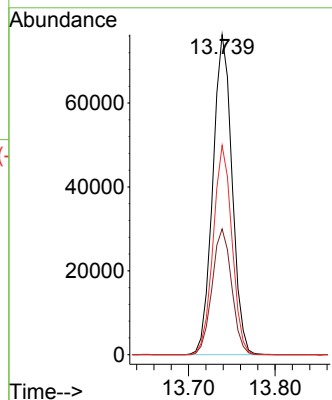
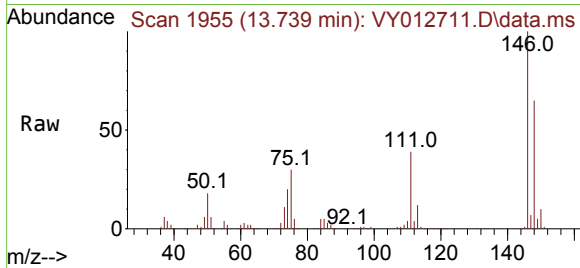




#91
1,2-Dichlorobenzene
Concen: 47.942 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

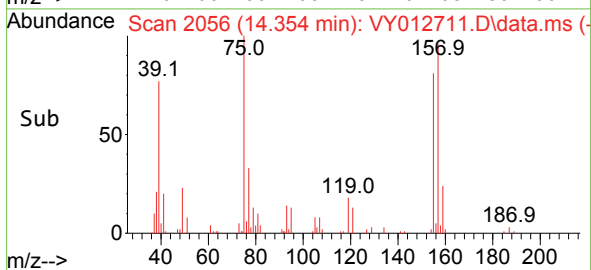
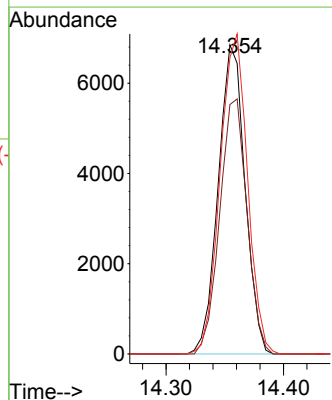
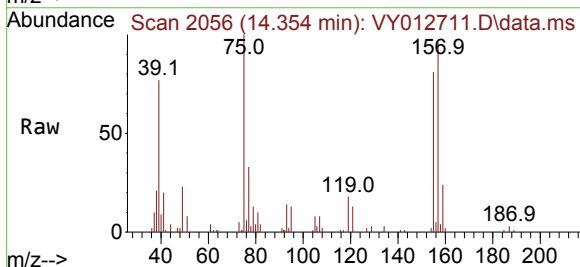
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

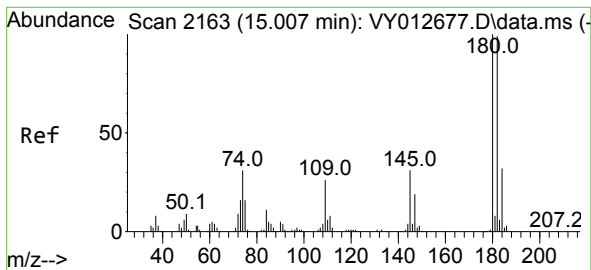
Tgt Ion:146 Resp: 117638
Ion Ratio Lower Upper
146 100
111 40.0 20.3 60.8
148 64.0 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.150 ug/l
RT: 14.354 min Scan# 2056
Delta R.T. -0.001 min
Lab File: VY012711.D
Acq: 23 Feb 2023 17:54

Tgt Ion: 75 Resp: 10851
Ion Ratio Lower Upper
75 100
155 83.8 43.6 130.8
157 105.8 55.0 165.2





#93

1,2,4-Trichlorobenzene

Concen: 46.437 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

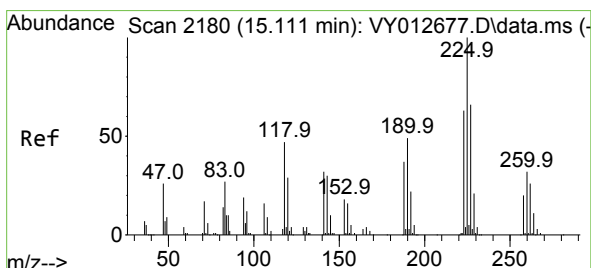
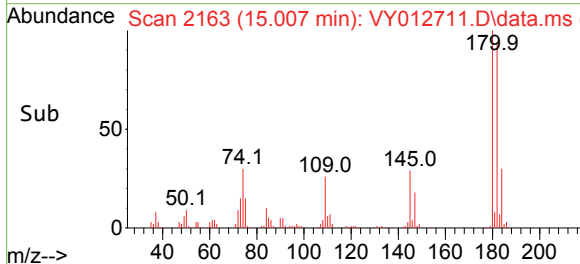
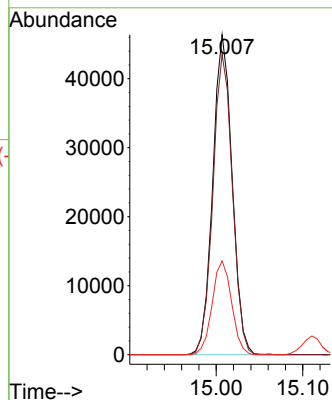
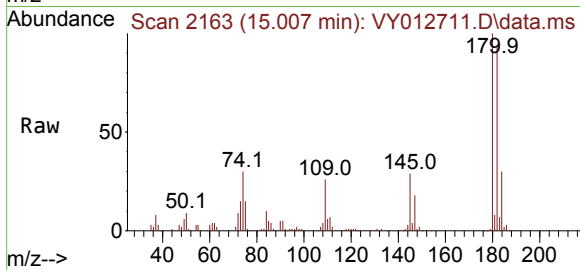
Tgt Ion:180 Resp: 72065

Ion Ratio Lower Upper

180 100

182 94.3 48.0 144.2

145 29.3 15.0 45.0



#94

Hexachlorobutadiene

Concen: 43.793 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.001 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

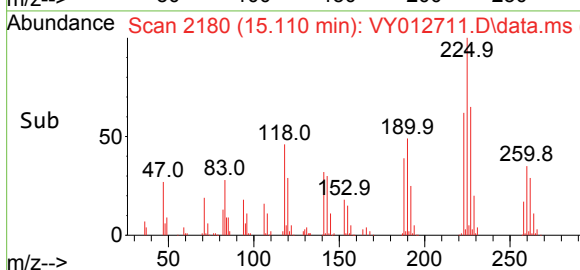
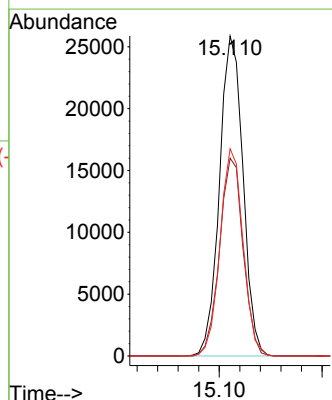
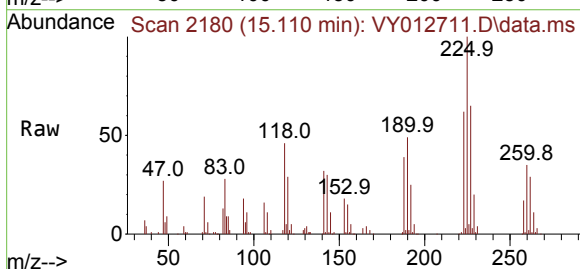
Tgt Ion:225 Resp: 41016

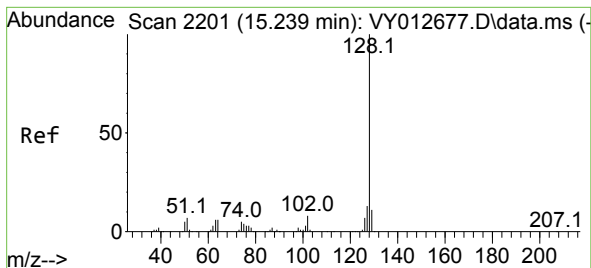
Ion Ratio Lower Upper

225 100

223 61.9 31.7 95.1

227 63.3 32.3 96.8





#95

Naphthalene

Concen: 48.466 ug/l

RT: 15.238 min Scan# 2201

Delta R.T. -0.001 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

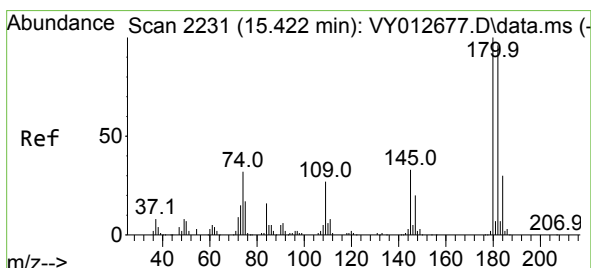
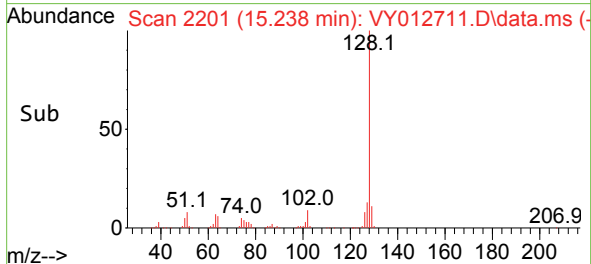
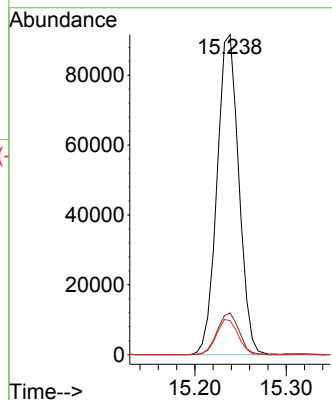
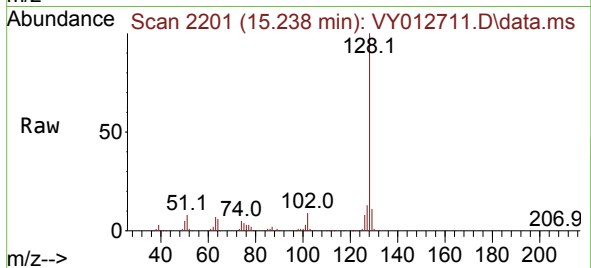
Tgt Ion:128 Resp: 151977

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.0 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 47.015 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.001 min

Lab File: VY012711.D

Acq: 23 Feb 2023 17:54

Tgt Ion:180 Resp: 64581

Ion Ratio Lower Upper

180 100

182 94.8 48.5 145.6

145 30.8 16.1 48.2

