

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
 Data File : VY015211.D
 Acq On : 21 Aug 2023 09:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 22 01:49:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	176358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	276134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	252316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	114662	54.162	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.320%	
35) Dibromofluoromethane	7.716	113	101008	56.859	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.720%	
50) Toluene-d8	10.179	98	364654	55.142	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.280%	
62) 4-Bromofluorobenzene	12.483	95	135642	56.157	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	35156	46.164	ug/l	94
3) Chloromethane	2.113	50	50938	48.228	ug/l	99
4) Vinyl Chloride	2.247	62	61747	44.000	ug/l	97
5) Bromomethane	2.650	94	45335	45.555	ug/l	95
6) Chloroethane	2.784	64	49159	48.249	ug/l	98
7) Trichlorofluoromethane	3.119	101	111999	47.364	ug/l	99
8) Diethyl Ether	3.528	74	44590	48.082	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.899	101	67261	45.768	ug/l	98
10) Methyl Iodide	4.082	142	65635	45.483	ug/l	99
11) Tert butyl alcohol	4.979	59	79518	226.631	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	56059	45.681	ug/l	89
13) Acrolein	3.729	56	23917	158.410	ug/l	98
14) Allyl chloride	4.472	41	96028	44.136	ug/l	96
15) Acrylonitrile	5.161	53	154857	246.403	ug/l	99
16) Acetone	3.954	43	222930	322.342	ug/l	95
17) Carbon Disulfide	4.192	76	91277	42.264	ug/l	99
18) Methyl Acetate	4.479	43	122315	48.262	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	255641	48.993	ug/l	97
20) Methylene Chloride	4.710	84	78305	46.960	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	62828	45.389	ug/l	93
22) Diisopropyl ether	6.119	45	251727	46.367	ug/l #	91
23) Vinyl Acetate	6.058	43	767104	236.800	ug/l #	95
24) 1,1-Dichloroethane	6.015	63	136594	46.473	ug/l	99
25) 2-Butanone	6.990	43	272883	278.672	ug/l	94
26) 2,2-Dichloropropane	6.978	77	131883	46.545	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	89303	47.228	ug/l	94
28) Bromochloromethane	7.332	49	70182	51.972	ug/l	89
29) Tetrahydrofuran	7.350	42	141322	241.361	ug/l	90
30) Chloroform	7.502	83	154055	46.755	ug/l	96
31) Cyclohexane	7.783	56	87753	46.213	ug/l	86
32) 1,1,1-Trichloroethane	7.698	97	132932	47.411	ug/l	98
36) 1,1-Dichloropropene	7.917	75	93818	47.736	ug/l	99
37) Ethyl Acetate	7.076	43	92673	50.588	ug/l #	96
38) Carbon Tetrachloride	7.899	117	113386	48.748	ug/l	98
39) Methylcyclohexane	9.185	83	104349	47.362	ug/l	91
40) Benzene	8.161	78	286395	48.199	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	39917	42.257	ug/l	87
42) 1,2-Dichloroethane	8.234	62	108047	50.069	ug/l	96
43) Isopropyl Acetate	8.271	43	169881	50.923	ug/l	98
44) Trichloroethene	8.935	130	85229	49.788	ug/l	97
45) 1,2-Dichloropropane	9.216	63	81040	48.367	ug/l	99
46) Dibromomethane	9.307	93	54104	51.198	ug/l	97
47) Bromodichloromethane	9.496	83	128774	51.066	ug/l	97
48) Methyl methacrylate	9.289	41	73966	51.830	ug/l	94
49) 1,4-Dioxane	9.307	88	22577	1068.396	ug/l #	58
51) 4-Methyl-2-Pentanone	10.069	43	520485	269.201	ug/l	94
52) Toluene	10.246	92	193713	49.462	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	133844	50.504	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	140927	50.492	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	82964	51.632	ug/l	98
56) Ethyl methacrylate	10.508	69	122538	52.109	ug/l	91
57) 1,3-Dichloropropane	10.788	76	134423	51.205	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	284806	260.247	ug/l	92
59) 2-Hexanone	10.831	43	415838	290.602	ug/l	93
60) Dibromochloromethane	10.984	129	100490	52.428	ug/l	98
61) 1,2-Dibromoethane	11.087	107	78454	51.397	ug/l	100
64) Tetrachloroethene	10.721	164	92366	52.544	ug/l	97
65) Chlorobenzene	11.514	112	226243	49.213	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	96086	51.511	ug/l	100
67) Ethyl Benzene	11.593	91	393117	48.805	ug/l	98
68) m/p-Xylenes	11.703	106	298667	97.628	ug/l	97
69) o-Xylene	12.026	106	150502	49.385	ug/l	97
70) Styrene	12.044	104	264658	50.176	ug/l	97
71) Bromoform	12.209	173	71697	53.022	ug/l #	98
73) Isopropylbenzene	12.331	105	408690	48.375	ug/l	100
74) N-amyl acetate	12.142	43	155206	50.883	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	113170	51.433	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	149710	93.791	ug/l #	100
77) Bromobenzene	12.611	156	101728	49.399	ug/l	96
78) n-propylbenzene	12.672	91	485591	48.403	ug/l	99
79) 2-Chlorotoluene	12.758	91	281222	48.592	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	344551	48.926	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	38207	52.575	ug/l	98
82) 4-Chlorotoluene	12.855	91	296239	49.545	ug/l	100
83) tert-Butylbenzene	13.075	119	314224	48.782	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	346925	49.300	ug/l	99
85) sec-Butylbenzene	13.251	105	461584	48.907	ug/l	100
86) p-Isopropyltoluene	13.367	119	385735	49.295	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	202423	49.558	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	202938	49.536	ug/l	99
89) n-Butylbenzene	13.696	91	361817	49.041	ug/l	97
90) Hexachloroethane	13.959	117	74770	48.166	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	190360	49.888	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22916	53.763	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	123455	50.397	ug/l	99
94) Hexachlorobutadiene	15.111	225	65213	48.940	ug/l	98
95) Naphthalene	15.233	128	315228	51.657	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	112496	50.850	ug/l	99

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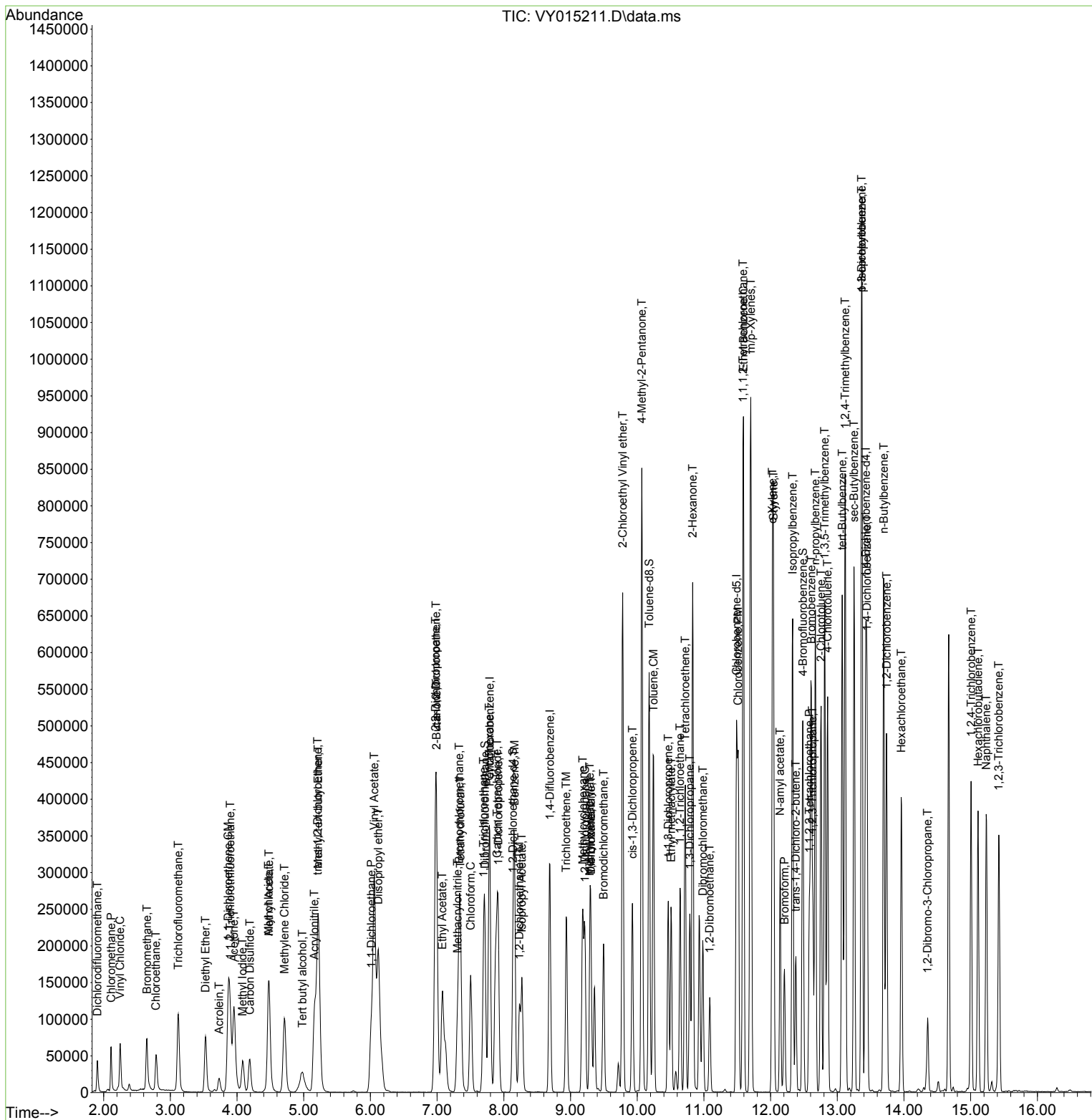
Instrument :
MSVOA_Y
ClientSampleId :

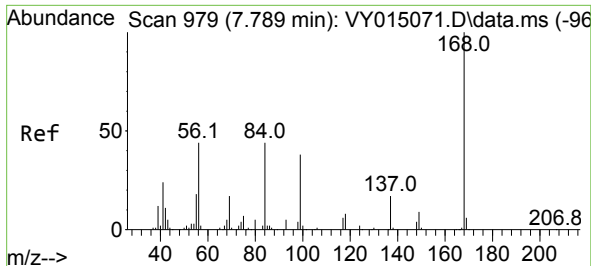
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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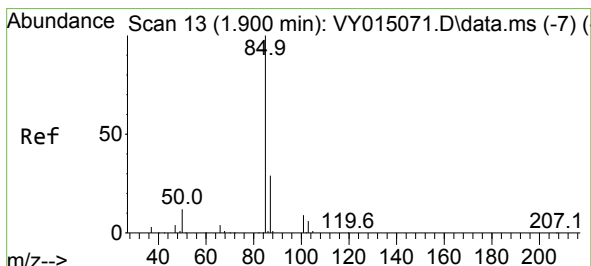
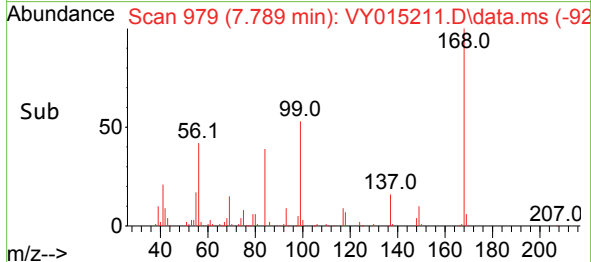
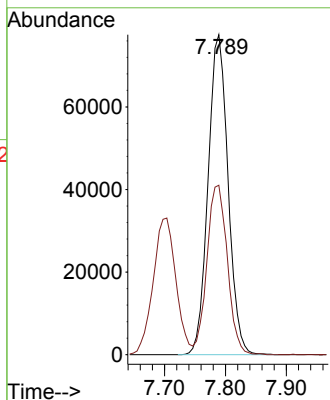
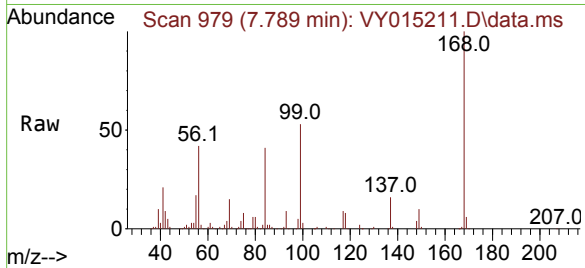




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015211.D
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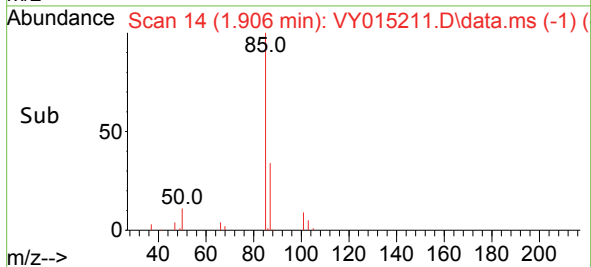
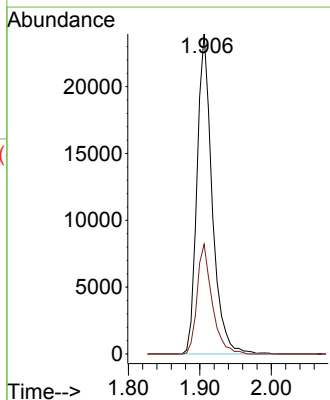
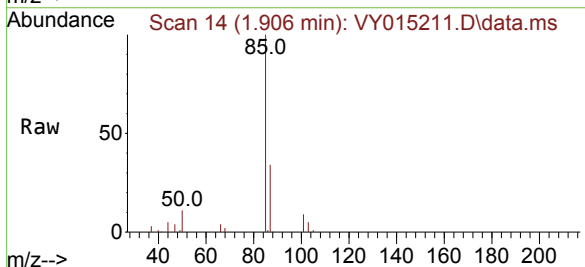
Instrument :
MSVOA_Y
ClientSampleId :

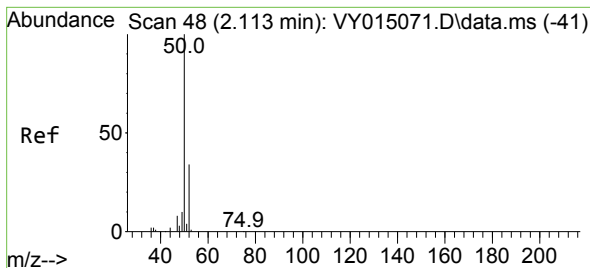
Tgt Ion:168 Resp: 176358
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 46.164 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

Tgt Ion: 85 Resp: 35156
Ion Ratio Lower Upper
85 100
87 34.3 15.6 46.8





#3

Chloromethane

Concen: 48.228 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

Instrument :

MSVOA_Y

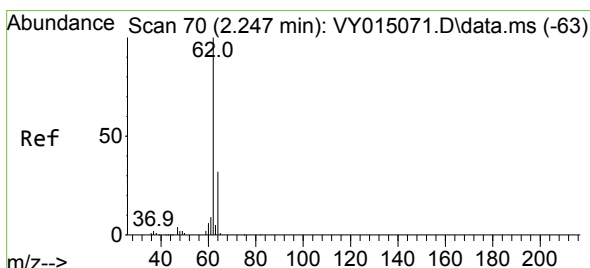
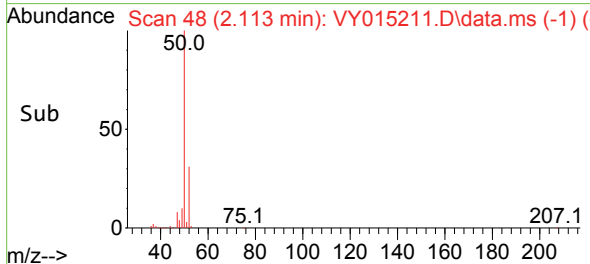
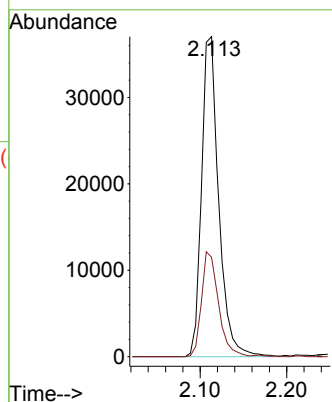
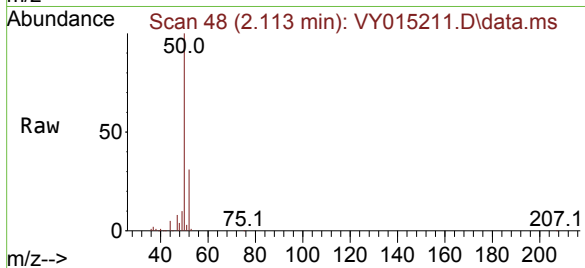
ClientSampleId :

Tgt Ion: 50 Resp: 50938

Ion Ratio Lower Upper

50 100

52 31.1 25.4 38.2



#4

Vinyl Chloride

Concen: 44.000 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY015211.D

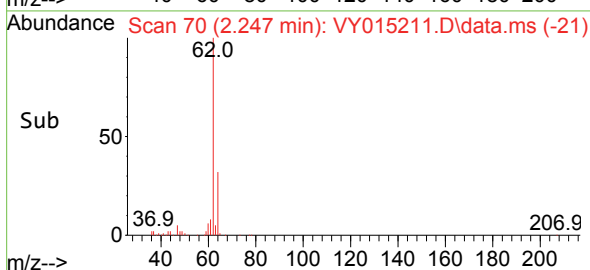
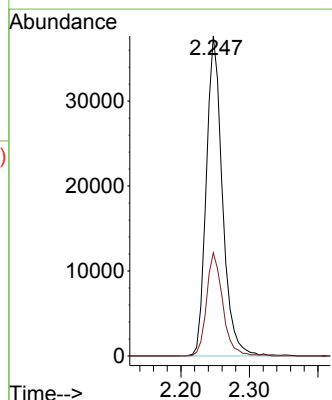
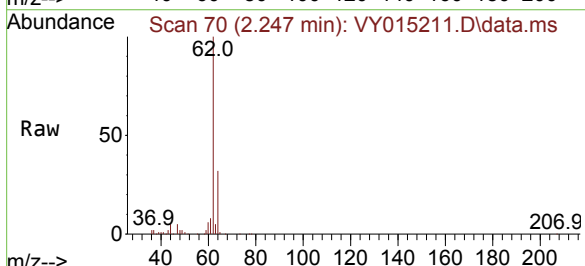
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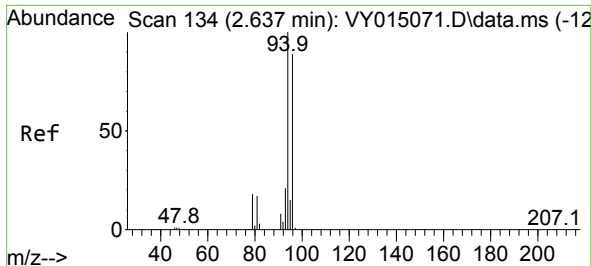
Tgt Ion: 62 Resp: 61747

Ion Ratio Lower Upper

62 100

64 32.3 24.3 36.5

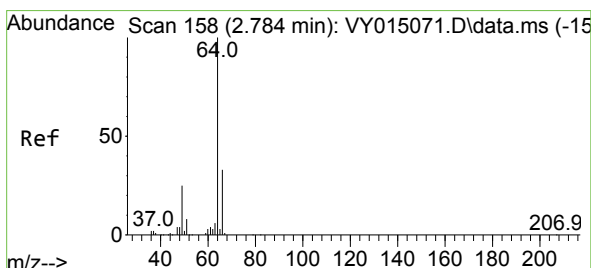
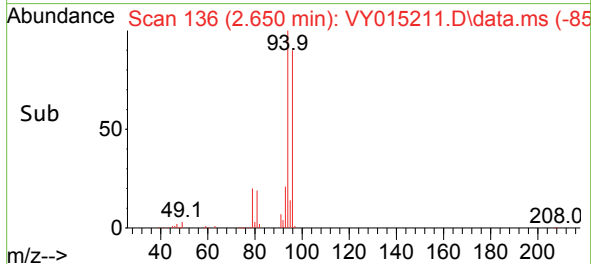
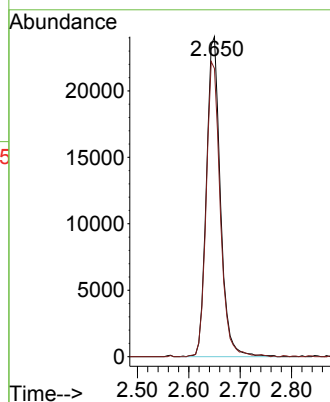
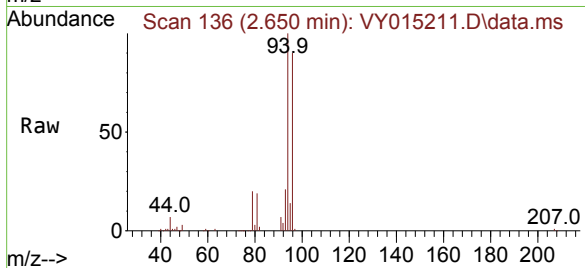




#5
Bromomethane
Concen: 45.555 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

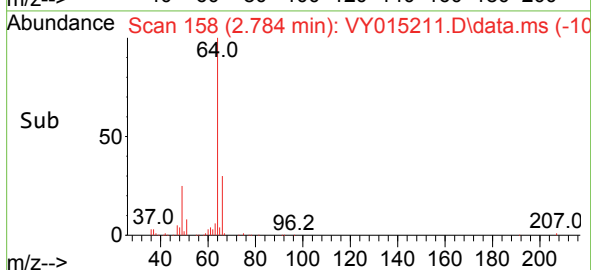
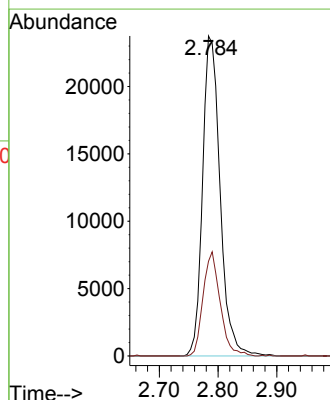
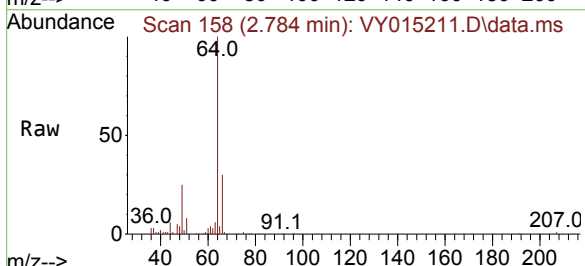
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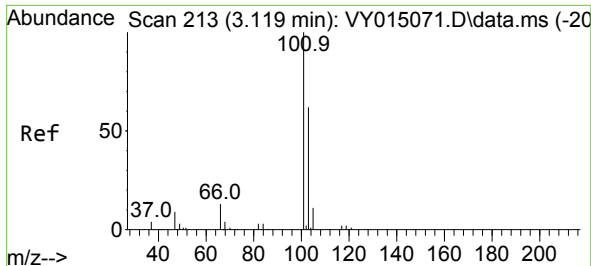
Tgt Ion: 94 Resp: 45335
Ion Ratio Lower Upper
94 100
96 90.1 75.8 113.6



#6
Chloroethane
Concen: 48.249 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

Tgt Ion: 64 Resp: 49159
Ion Ratio Lower Upper
64 100
66 29.6 24.4 36.6

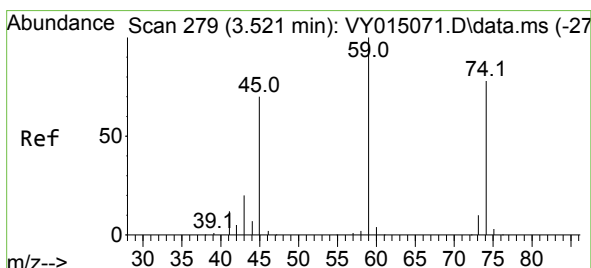
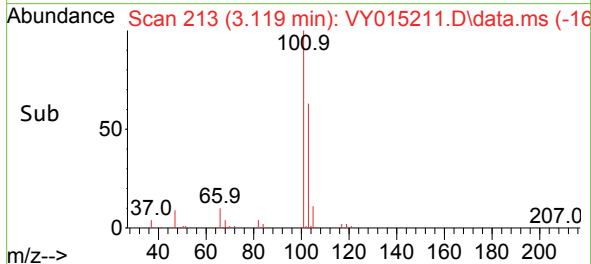
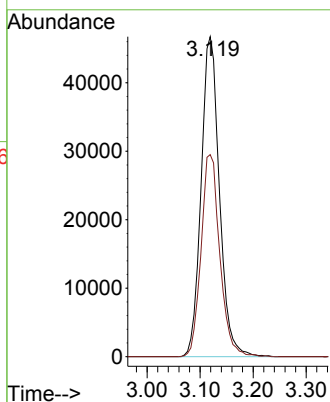
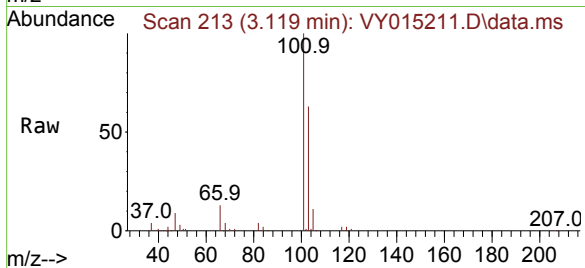




#7
 Trichlorofluoromethane
 Concen: 47.364 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY015211.D
 Acq: 21 Aug 2023 09:14

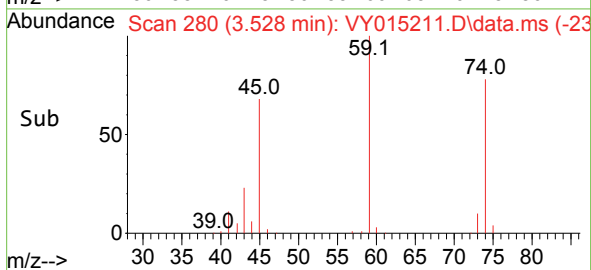
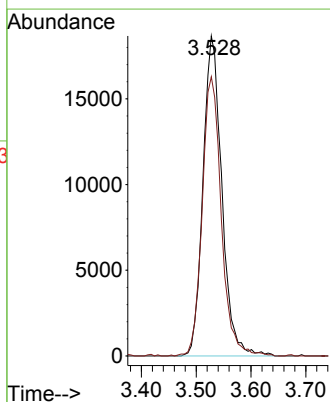
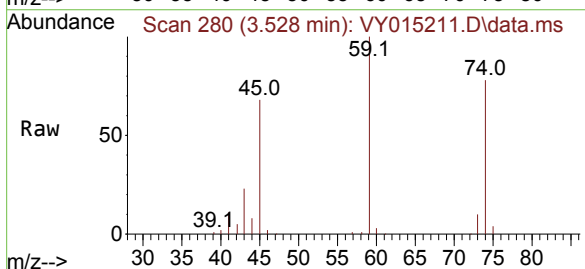
Instrument :
 MSVOA_Y
 ClientSampleId :

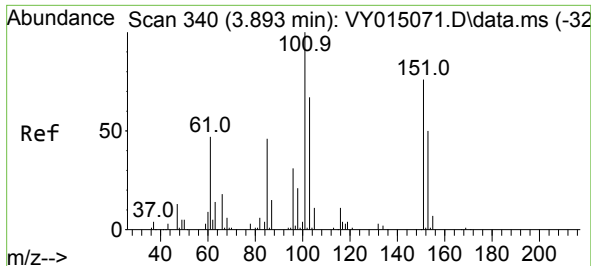
Tgt Ion:101 Resp: 111999
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 48.082 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY015211.D
 Acq: 21 Aug 2023 09:14

Tgt Ion: 74 Resp: 44590
 Ion Ratio Lower Upper
 74 100
 45 88.3 51.5 154.5

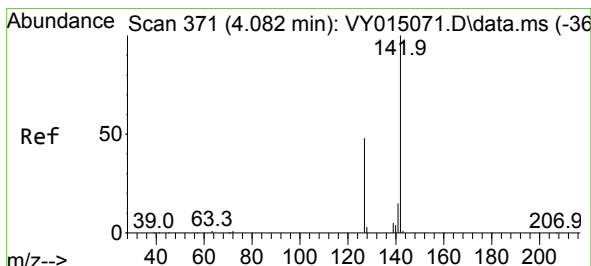
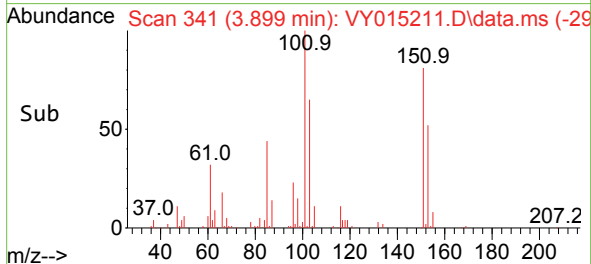
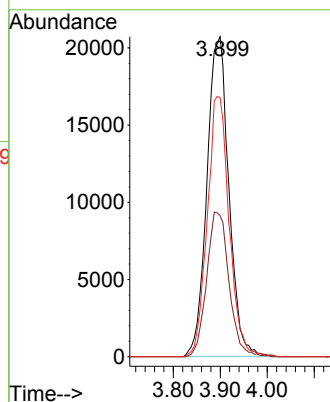
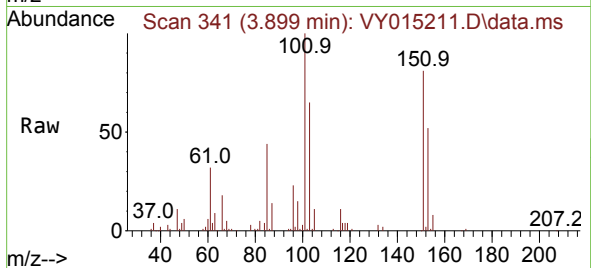




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.768 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

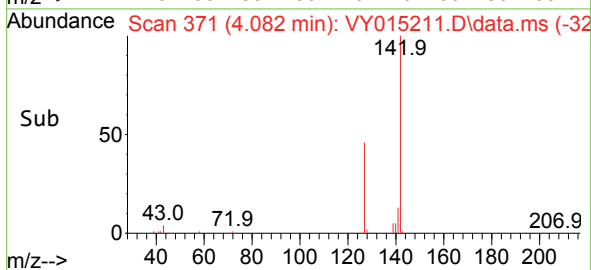
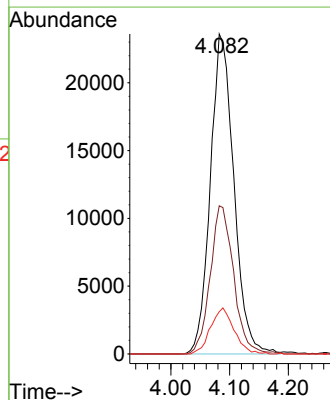
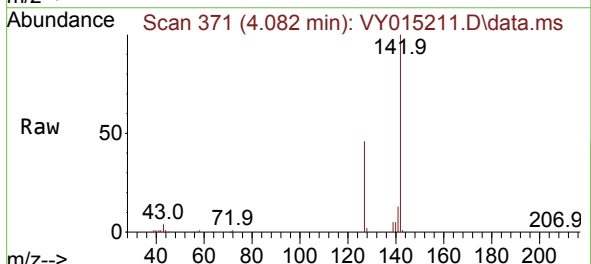
Instrument :
MSVOA_Y
ClientSampleId :

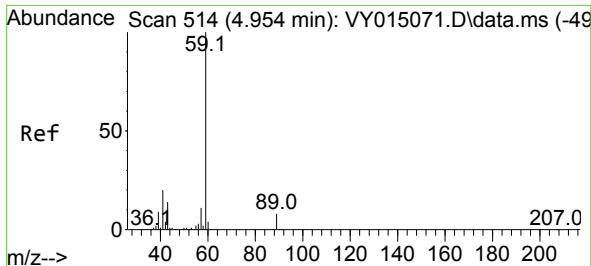
Tgt Ion:101 Resp: 67261
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 80.9 67.0 100.6



#10
Methyl Iodide
Concen: 45.483 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

Tgt Ion:142 Resp: 65635
Ion Ratio Lower Upper
142 100
127 46.0 37.6 56.4
141 14.4 11.8 17.8

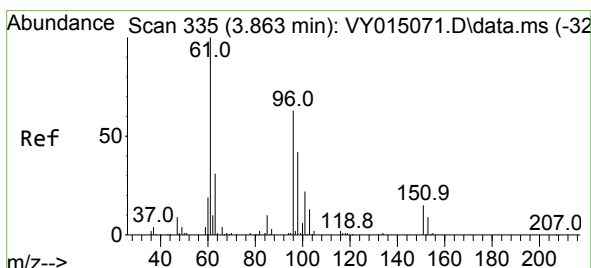
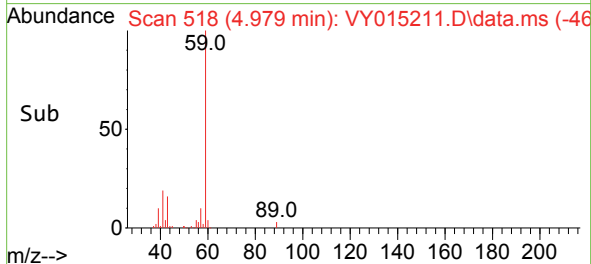
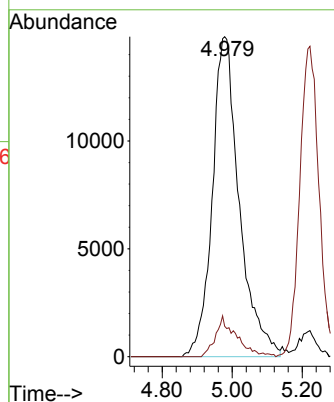
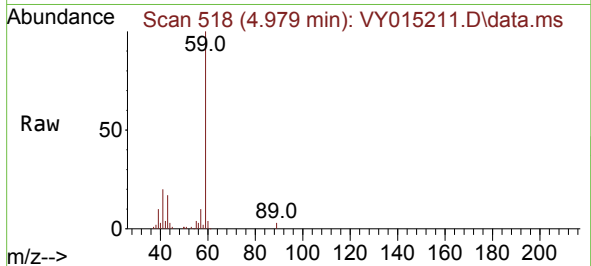




#11
Tert butyl alcohol
Concen: 226.631 ug/l
RT: 4.979 min Scan# 514
Delta R.T. 0.030 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

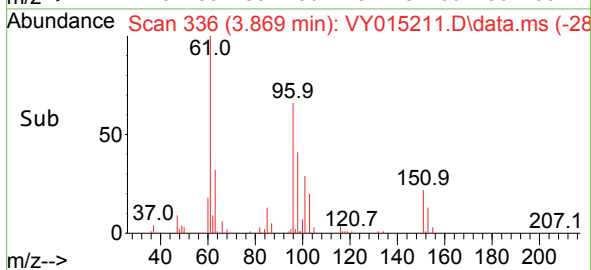
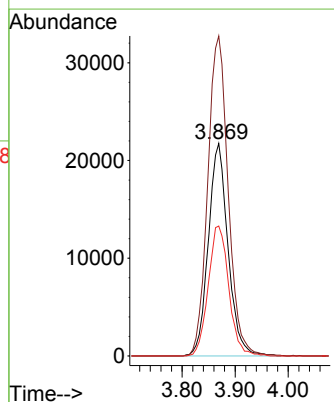
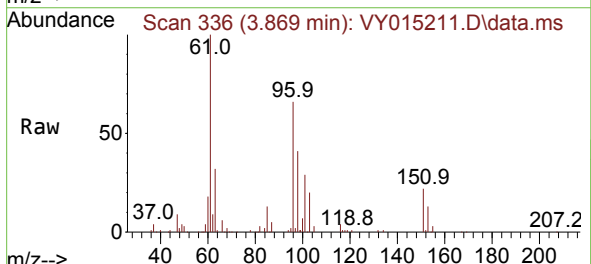
Instrument :
MSVOA_Y
ClientSampleId :

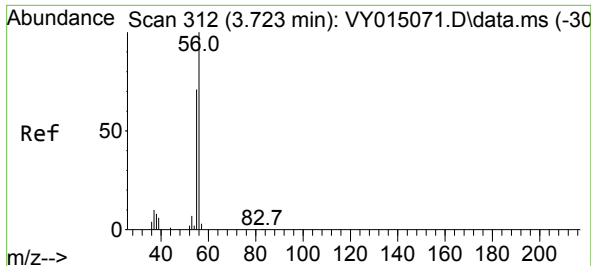
Tgt Ion: 59 Resp: 79518
Ion Ratio Lower Upper
59 100
57 9.9 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 45.681 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

Tgt Ion: 96 Resp: 56059
Ion Ratio Lower Upper
96 100
61 150.6 136.4 204.6
98 61.2 49.4 74.2





#13

Acrolein

Concen: 158.410 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

Instrument :

MSVOA_Y

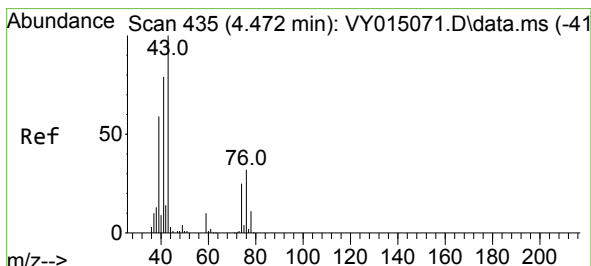
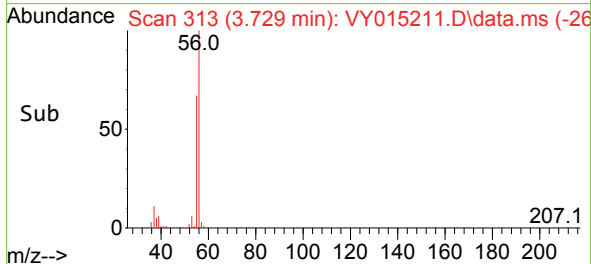
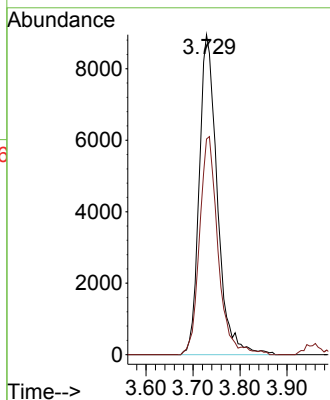
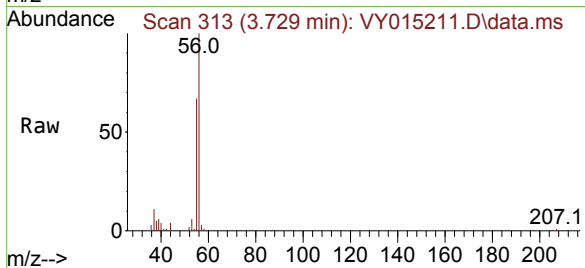
ClientSampleId :

Tgt Ion: 56 Resp: 23917

Ion Ratio Lower Upper

56 100

55 69.9 57.0 85.4



#14

Allyl chloride

Concen: 44.136 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

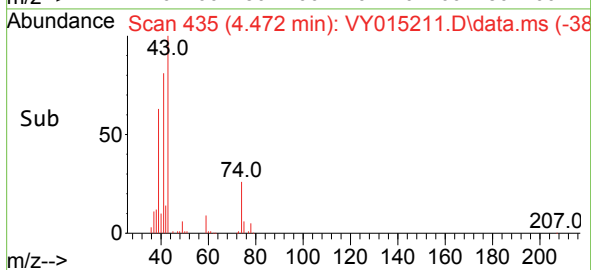
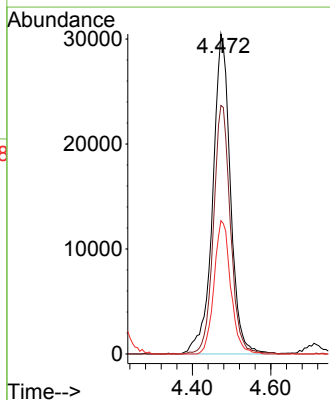
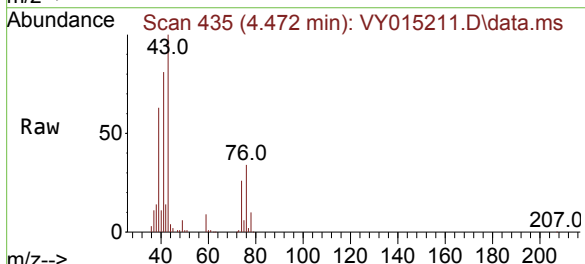
Tgt Ion: 41 Resp: 96028

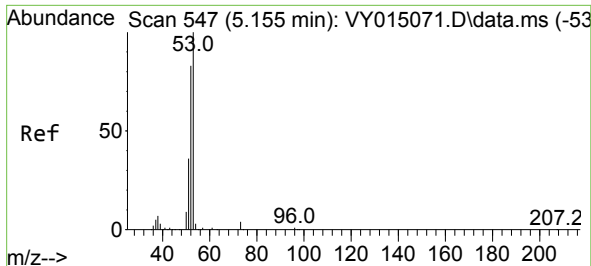
Ion Ratio Lower Upper

41 100

39 74.1 58.0 87.0

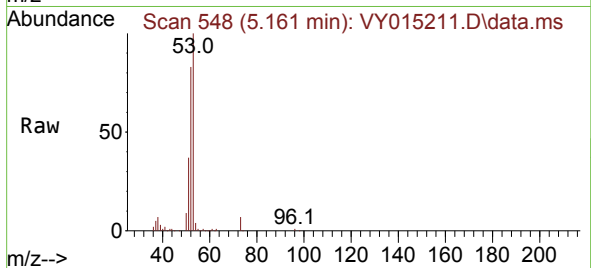
76 39.0 27.4 41.2



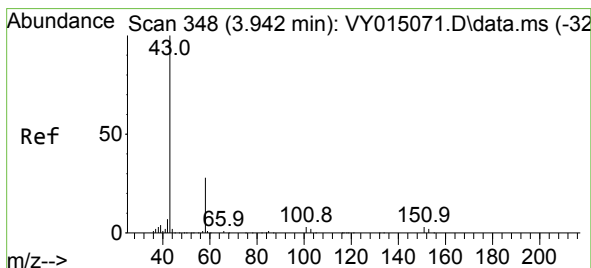
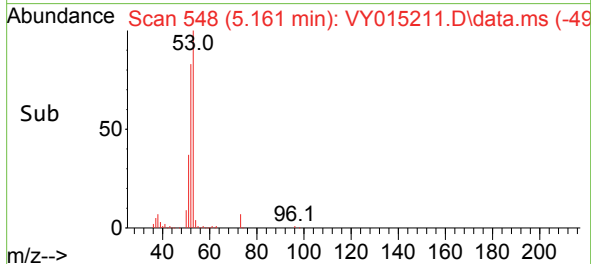
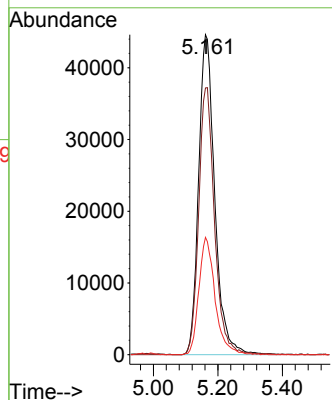


#15
Acrylonitrile
Concen: 246.403 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

Instrument :
MSVOA_Y
ClientSampleId :

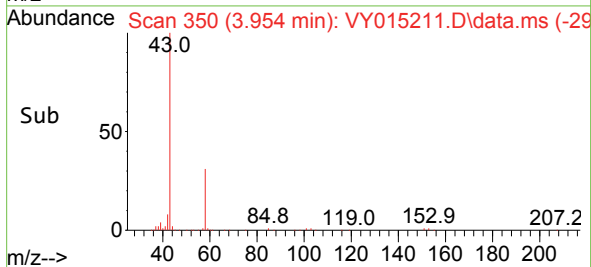
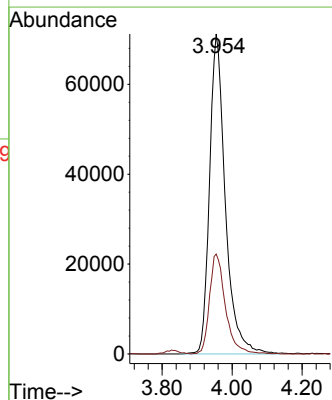
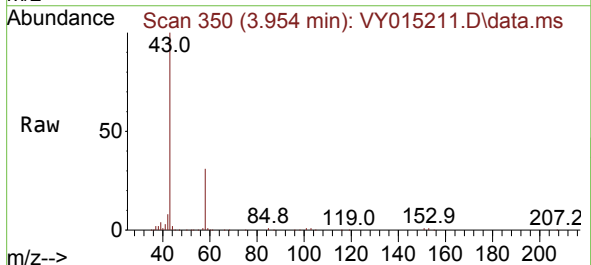


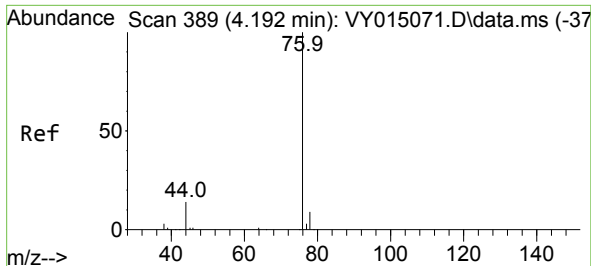
Tgt Ion: 53 Resp: 154857
Ion Ratio Lower Upper
53 100
52 82.1 66.9 100.3
51 36.9 29.8 44.6



#16
Acetone
Concen: 322.342 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

Tgt Ion: 43 Resp: 222930
Ion Ratio Lower Upper
43 100
58 31.1 22.7 34.1

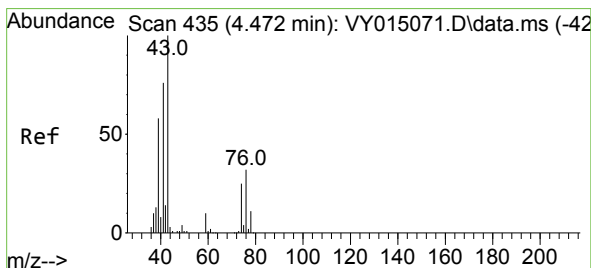
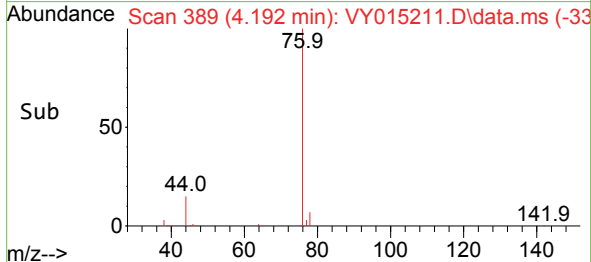
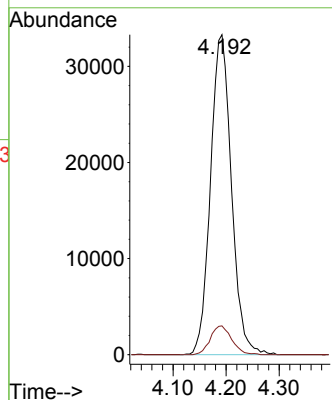
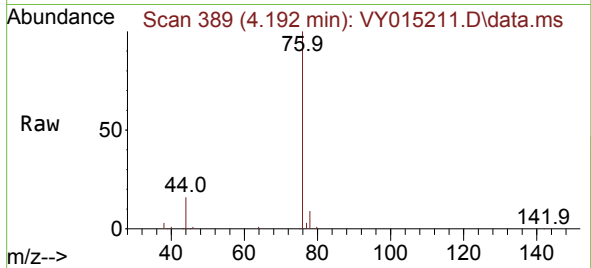




#17
Carbon Disulfide
Concen: 42.264 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

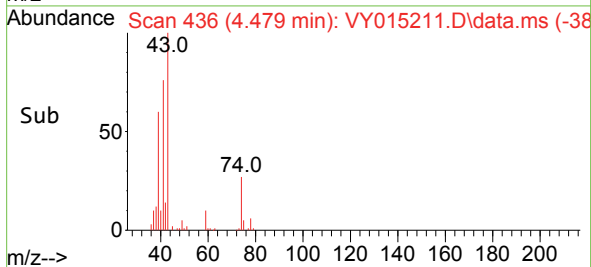
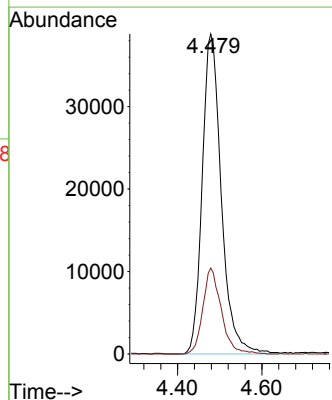
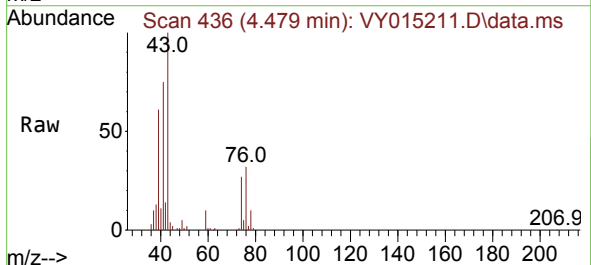
Instrument :
MSVOA_Y
ClientSampleId :

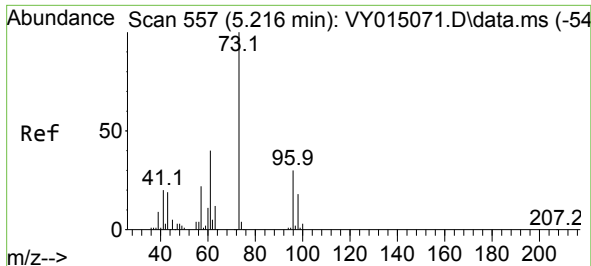
Tgt Ion: 76 Resp: 91277
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 48.262 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

Tgt Ion: 43 Resp: 122315
Ion Ratio Lower Upper
43 100
74 25.9 17.4 26.0

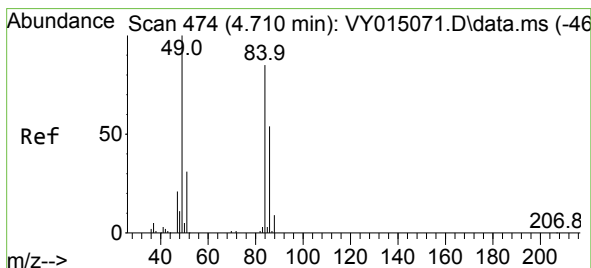
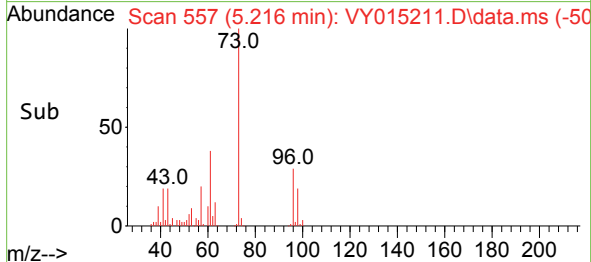
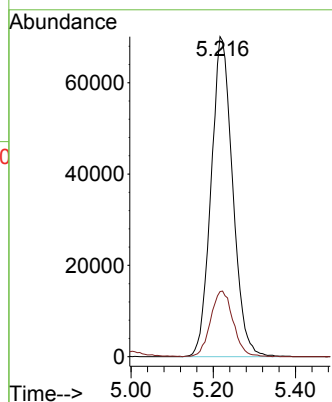
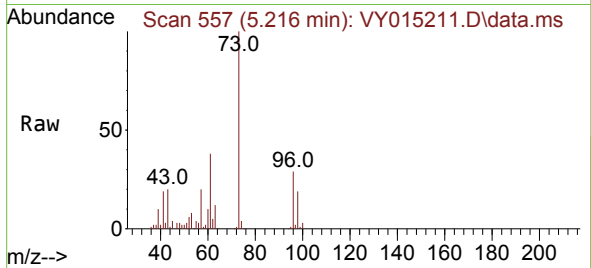




#19
Methyl tert-butyl Ether
Concen: 48.993 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

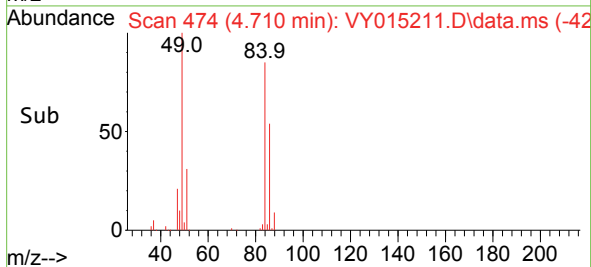
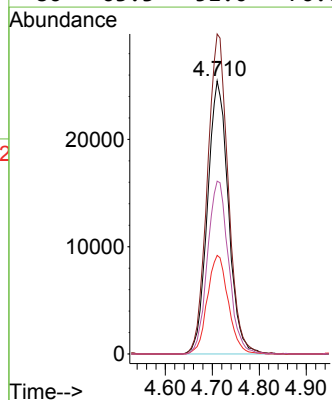
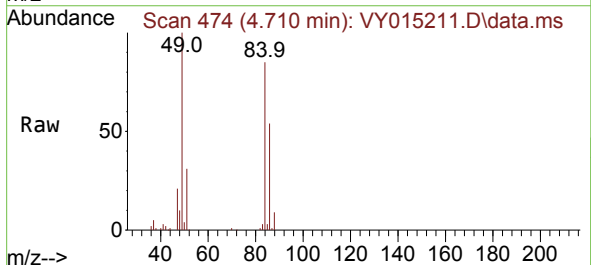
Instrument :
MSVOA_Y
ClientSampleId :

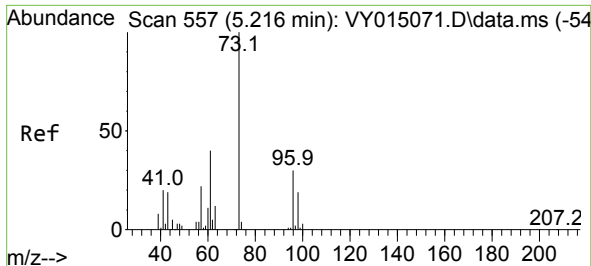
Tgt Ion: 73 Resp: 255641
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9



#20
Methylene Chloride
Concen: 46.960 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

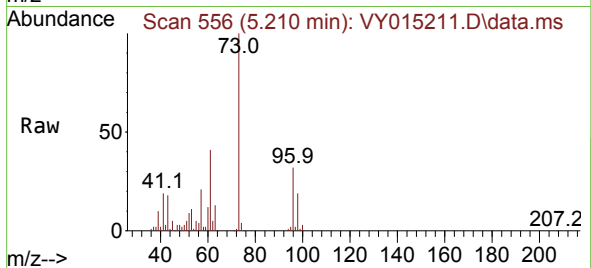
Tgt Ion: 84 Resp: 78305
Ion Ratio Lower Upper
84 100
49 117.2 106.9 160.3
51 36.1 33.2 49.8
86 63.3 51.0 76.6



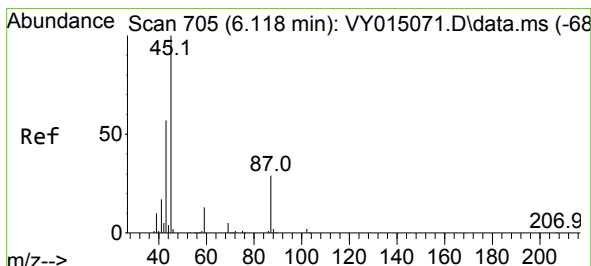
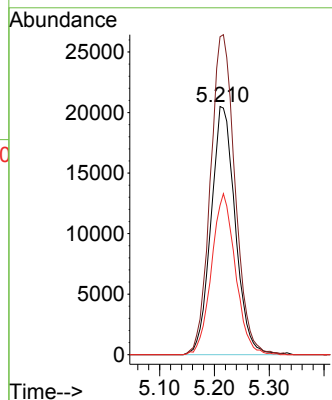
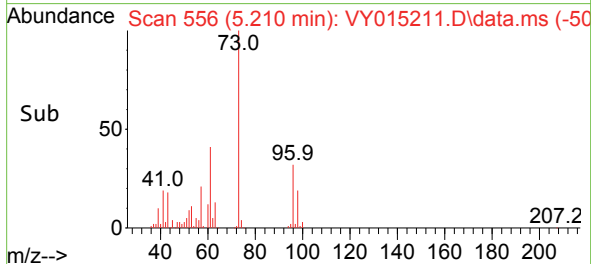


#21
trans-1,2-Dichloroethene
Concen: 45.389 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

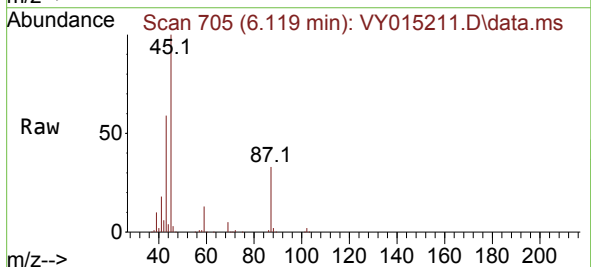
Instrument :
MSVOA_Y
ClientSampleId :



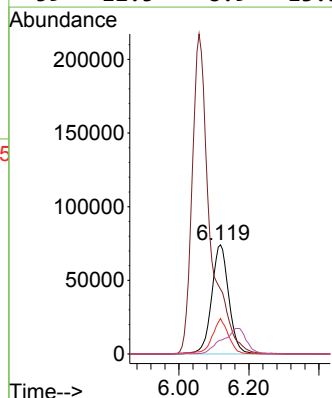
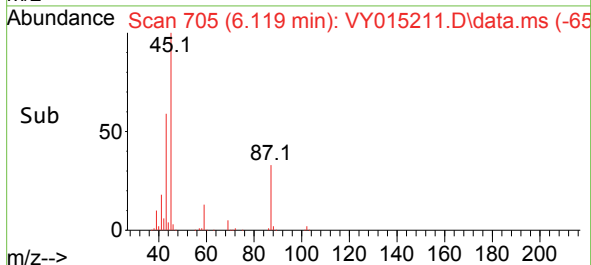
Tgt Ion: 96 Resp: 62828
Ion Ratio Lower Upper
96 100
61 128.1 110.2 165.4
98 60.2 51.8 77.6

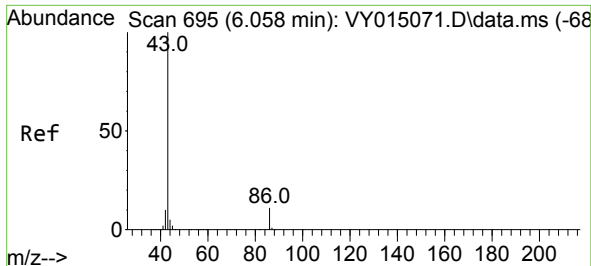


#22
Diisopropyl ether
Concen: 46.367 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14



Tgt Ion: 45 Resp: 251727
Ion Ratio Lower Upper
45 100
43 58.9 52.2 78.4
87 32.6 21.0 31.6#
59 12.5 8.9 13.3

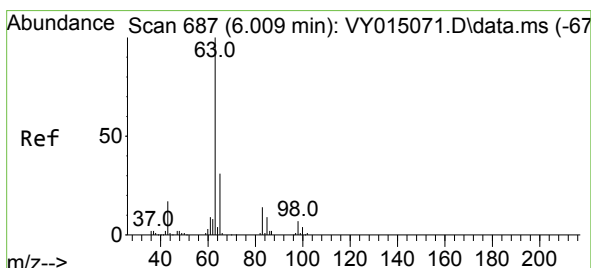
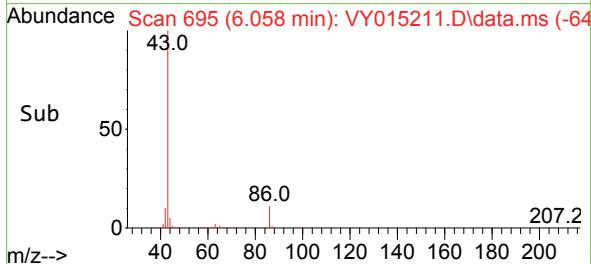
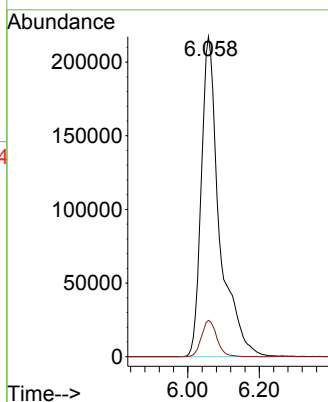
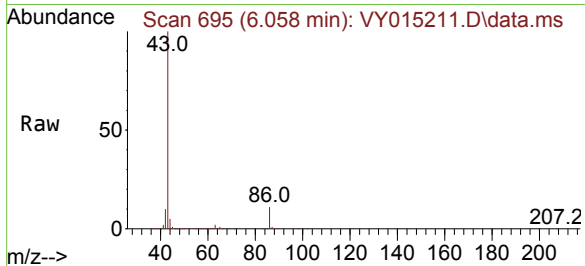




#23
 Vinyl Acetate
 Concen: 236.800 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY015211.D
 Acq: 21 Aug 2023 09:14

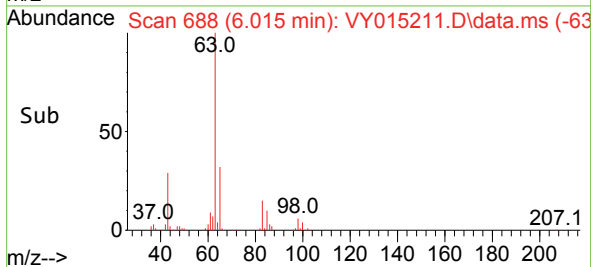
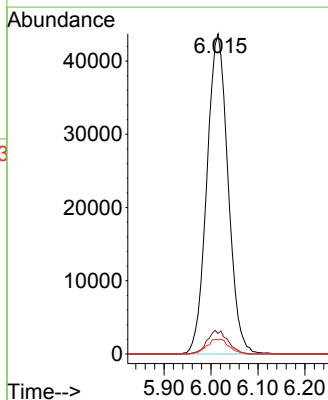
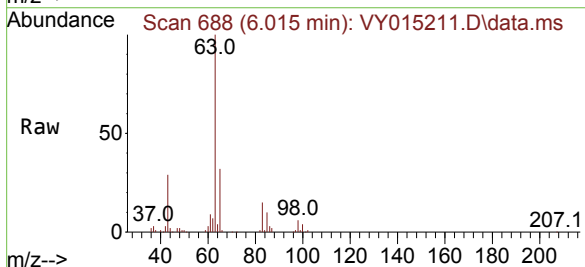
Instrument :
 MSVOA_Y
 ClientSampleId :

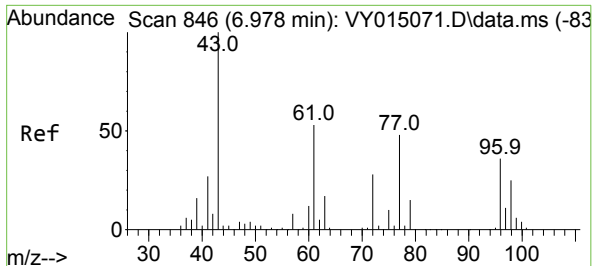
Tgt Ion: 43 Resp: 767104
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 46.473 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY015211.D
 Acq: 21 Aug 2023 09:14

Tgt Ion: 63 Resp: 136594
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.1 9.4
 100 4.5 1.8 5.5





#25

2-Butanone

Concen: 278.672 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

Instrument :

MSVOA_Y

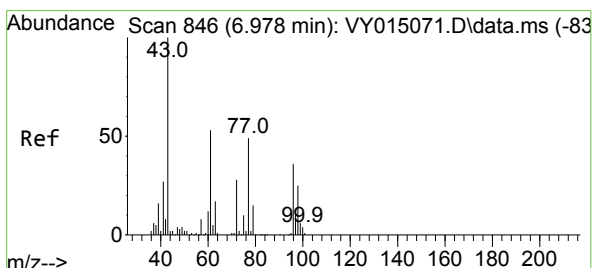
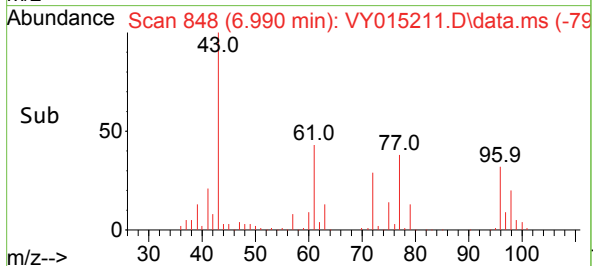
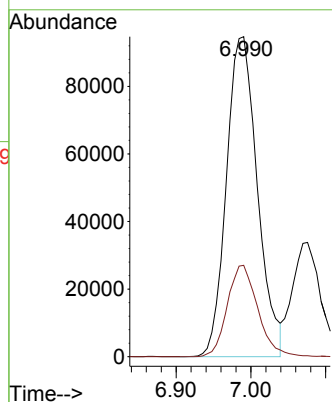
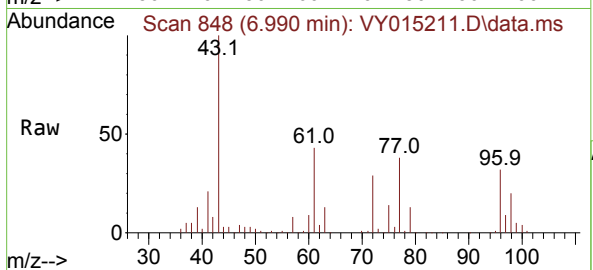
ClientSampleId :

Tgt Ion: 43 Resp: 272883

Ion Ratio Lower Upper

43 100

72 28.5 20.5 30.7



#26

2,2-Dichloropropane

Concen: 46.545 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015211.D

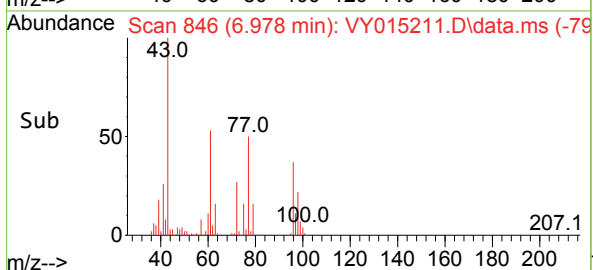
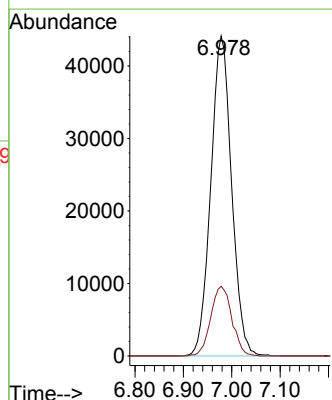
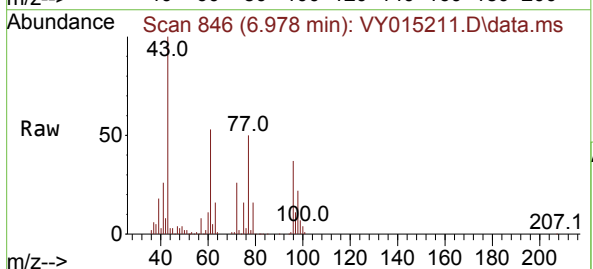
Acq: 21 Aug 2023 09:14

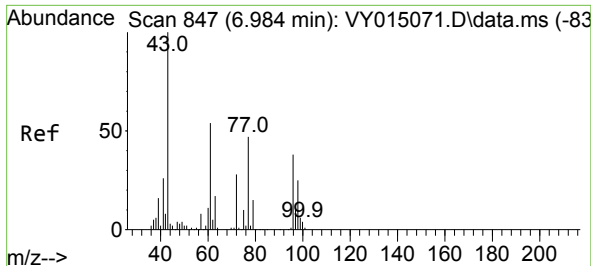
Tgt Ion: 77 Resp: 131883

Ion Ratio Lower Upper

77 100

97 22.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 47.228 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

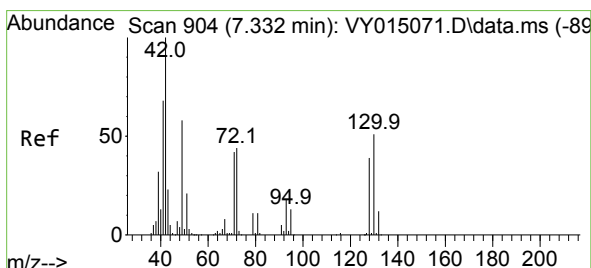
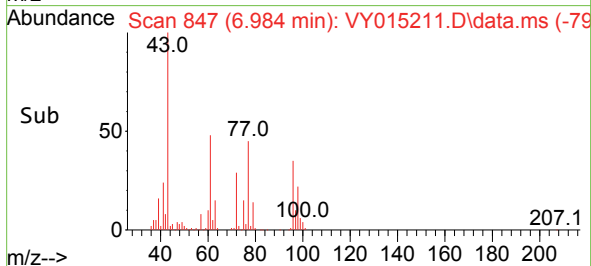
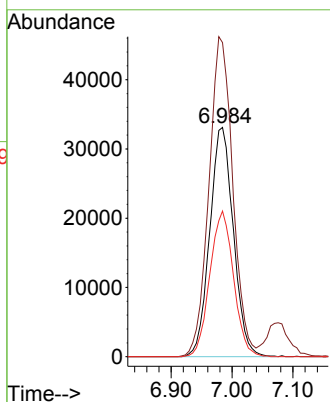
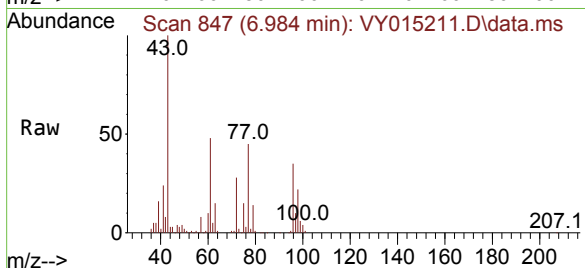
Tgt Ion: 96 Resp: 89303

Ion Ratio Lower Upper

96 100

61 140.8 0.0 301.4

98 63.7 0.0 130.4



#28

Bromochloromethane

Concen: 51.972 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

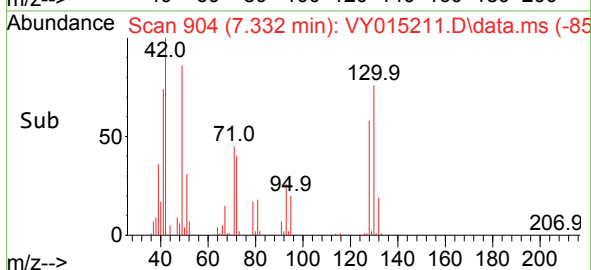
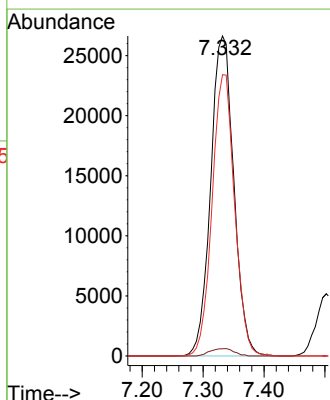
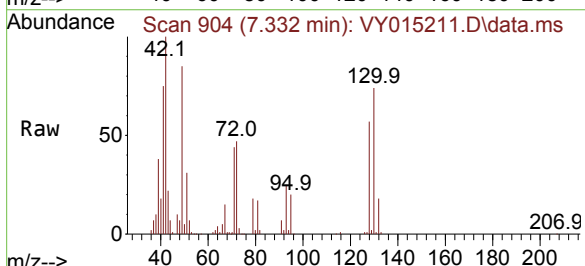
Tgt Ion: 49 Resp: 70182

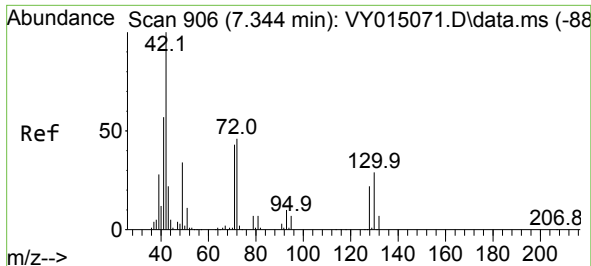
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 85.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 241.361 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

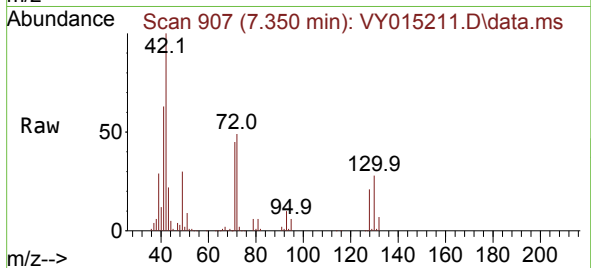
Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :



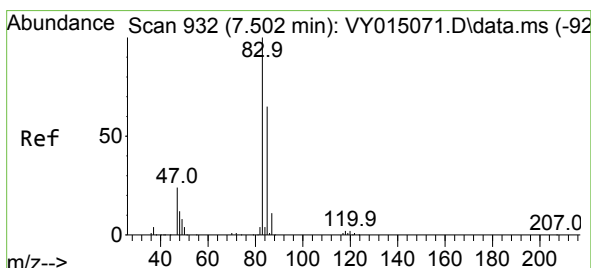
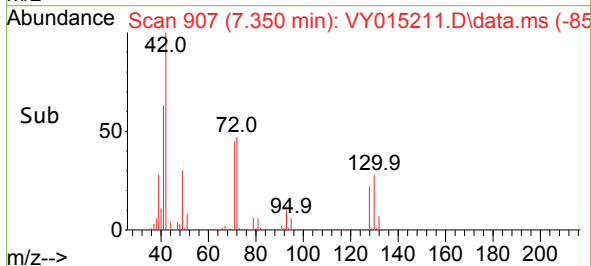
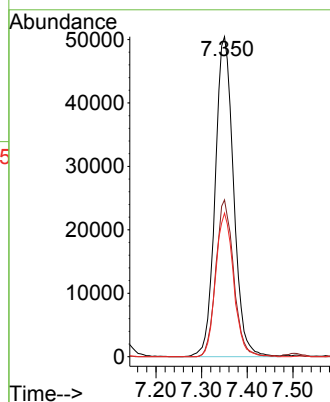
Tgt Ion: 42 Resp: 141322

Ion Ratio Lower Upper

42 100

72 47.5 32.8 49.2

71 44.0 31.0 46.4



#30

Chloroform

Concen: 46.755 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY015211.D

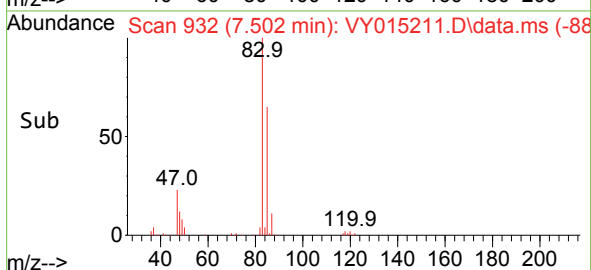
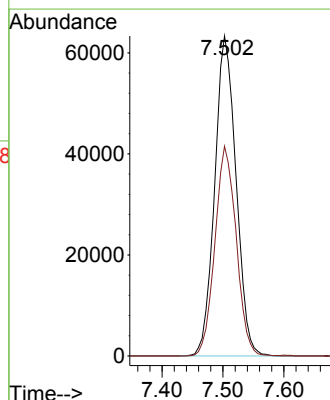
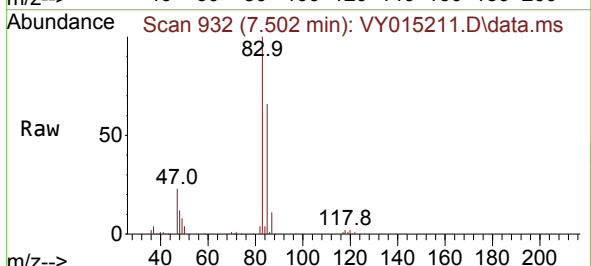
Acq: 21 Aug 2023 09:14

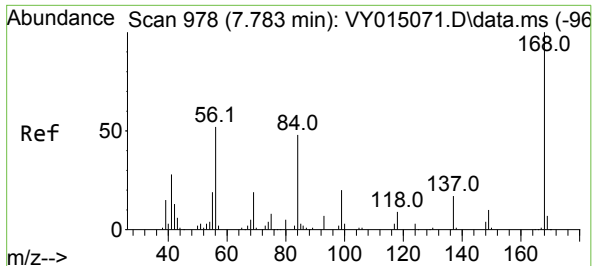
Tgt Ion: 83 Resp: 154055

Ion Ratio Lower Upper

83 100

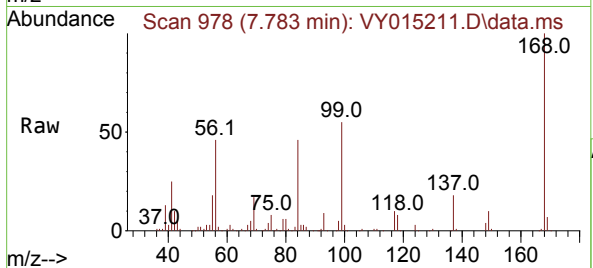
85 65.6 49.7 74.5



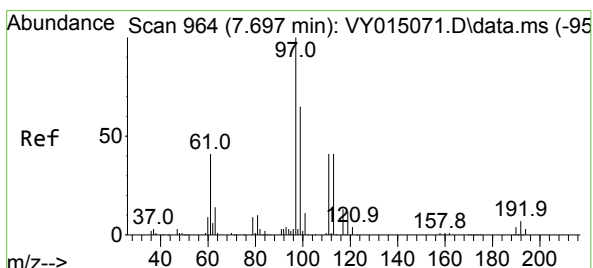
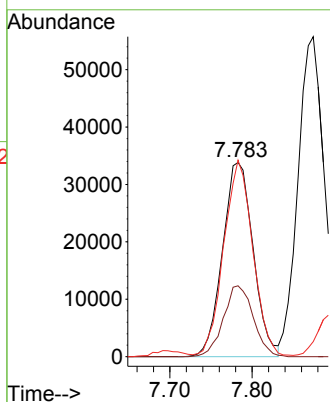
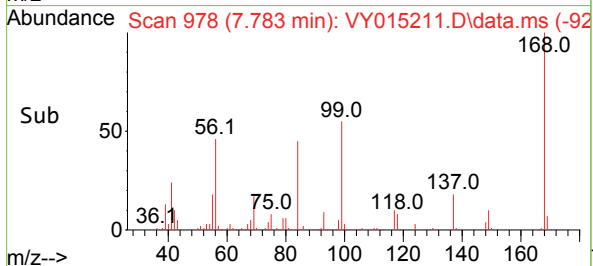


#31
Cyclohexane
Concen: 46.213 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

Instrument :
MSVOA_Y
ClientSampleId :

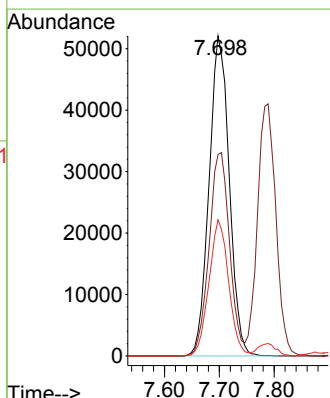
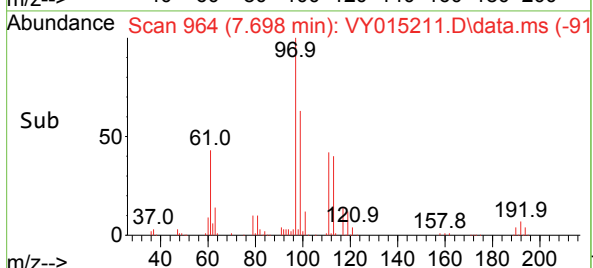
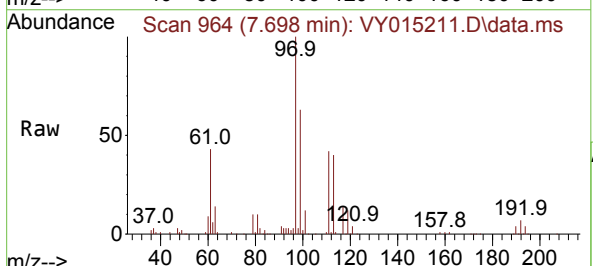


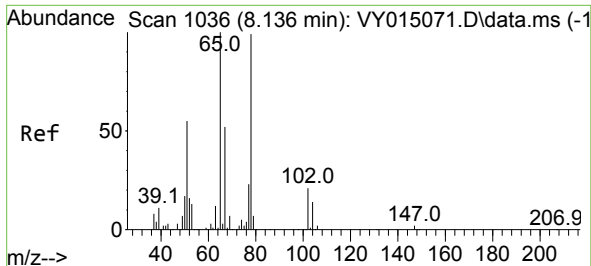
Tgt Ion: 56 Resp: 87753
Ion Ratio Lower Upper
56 100
69 36.5 27.8 41.6
84 99.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 47.411 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

Tgt Ion: 97 Resp: 132932
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 41.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 54.162 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

Instrument :

MSVOA_Y

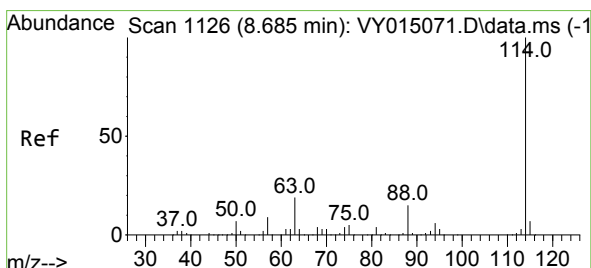
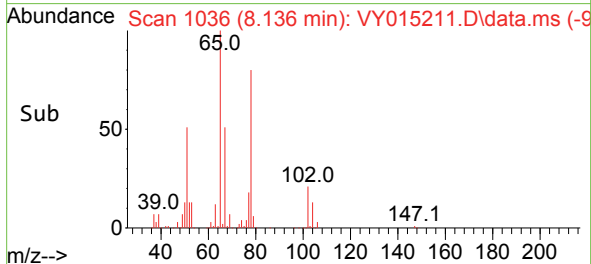
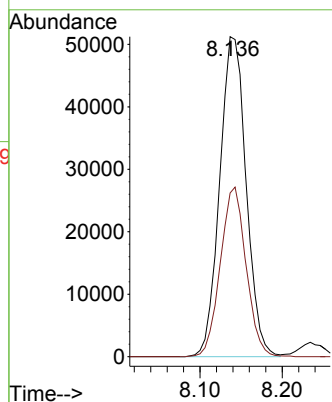
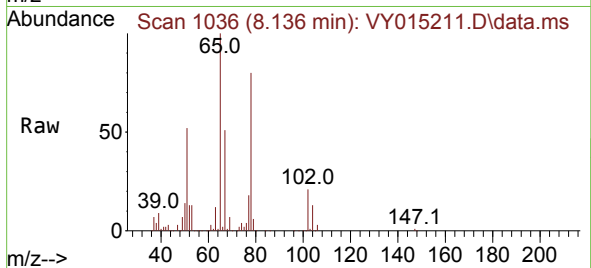
ClientSampleId :

Tgt Ion: 65 Resp: 114662

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

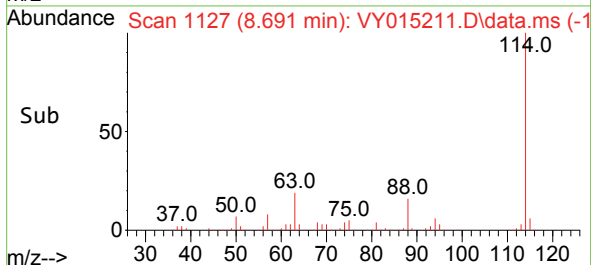
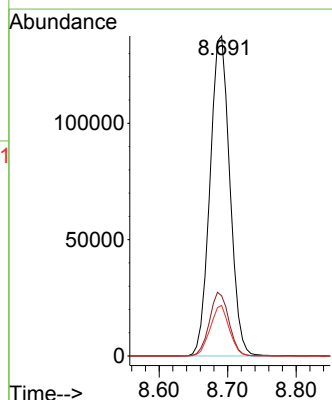
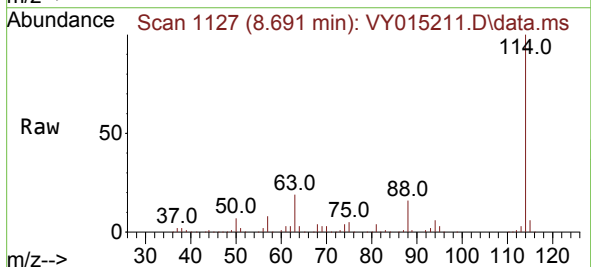
Tgt Ion: 114 Resp: 276134

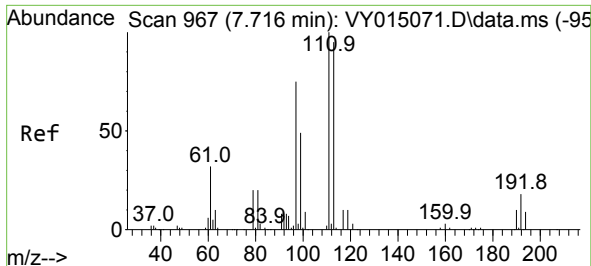
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 15.8 0.0 30.6

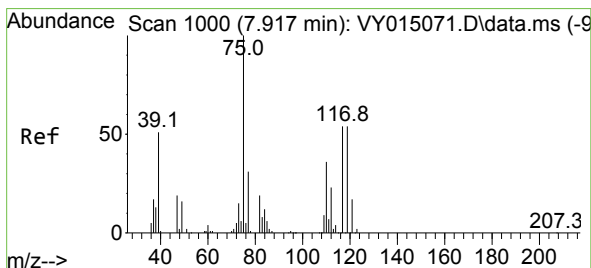
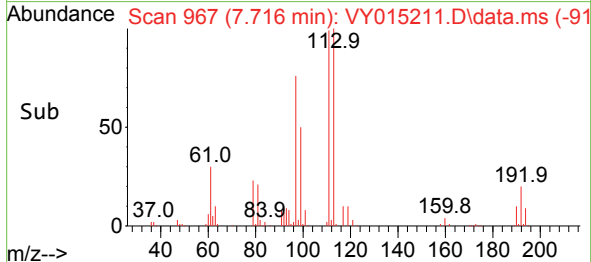
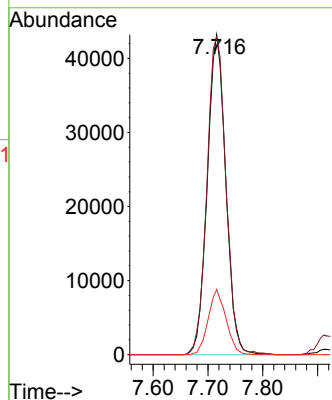
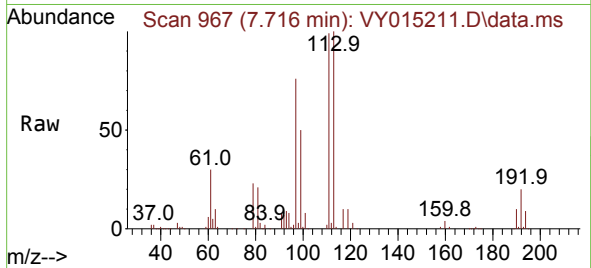




#35
Dibromofluoromethane
Concen: 56.859 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

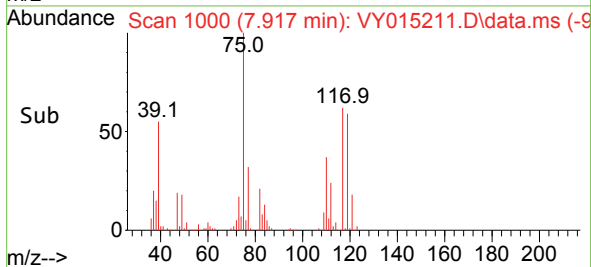
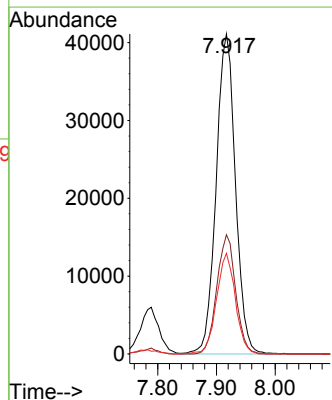
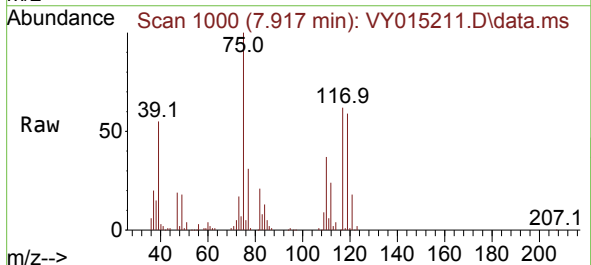
Instrument :
MSVOA_Y
ClientSampleId :

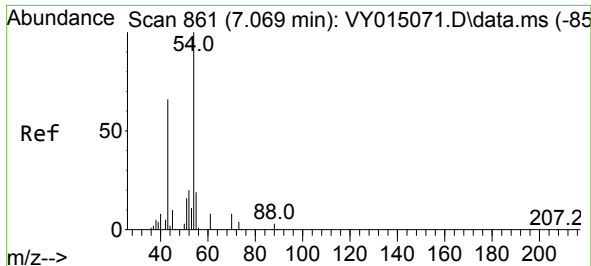
Tgt Ion:113 Resp: 101008
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 47.736 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

Tgt Ion: 75 Resp: 93818
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.5
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 50.588 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

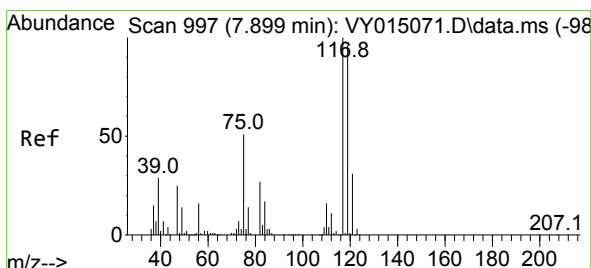
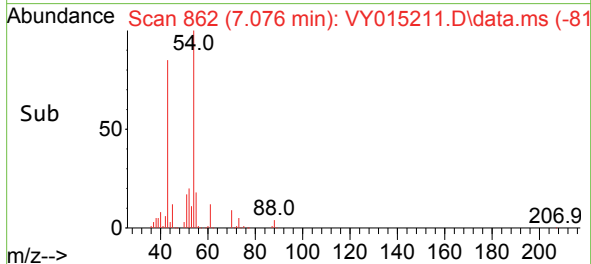
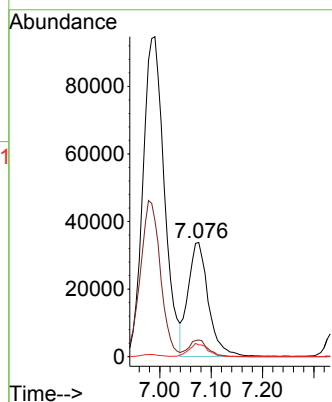
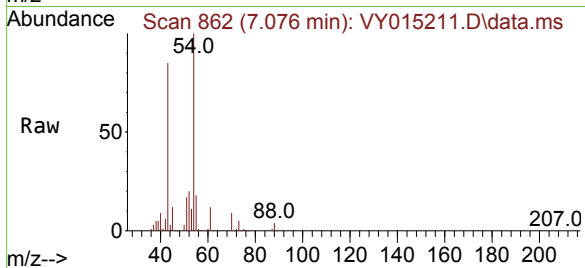
Tgt Ion: 43 Resp: 92673

Ion Ratio Lower Upper

43 100

61 14.1 10.1 15.1

70 10.7 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 48.748 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

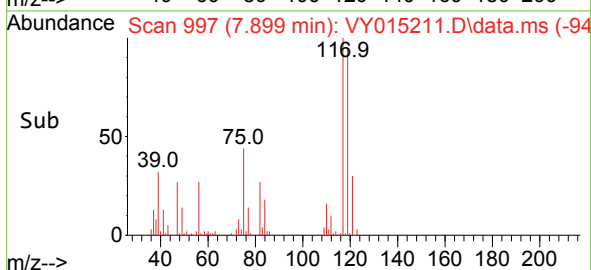
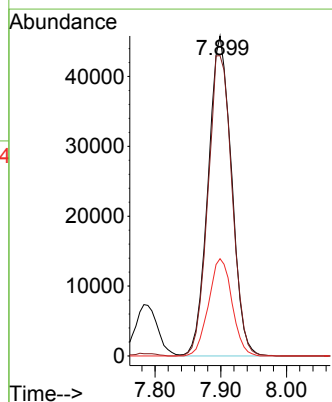
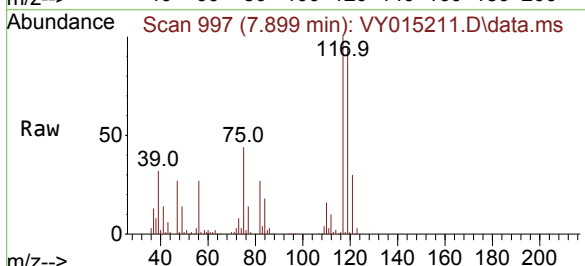
Tgt Ion: 117 Resp: 113386

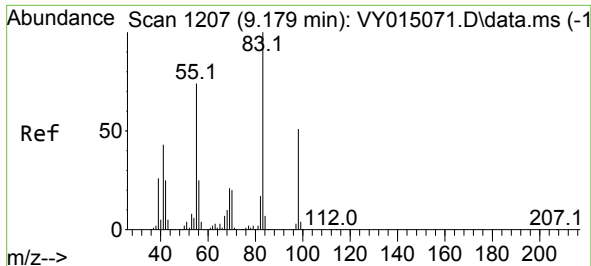
Ion Ratio Lower Upper

117 100

119 93.8 76.4 114.6

121 30.4 25.8 38.6





#39

Methylcyclohexane

Concen: 47.362 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

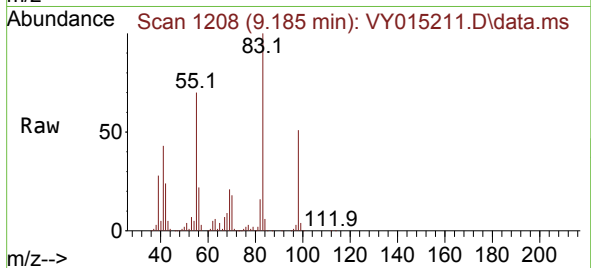
Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :



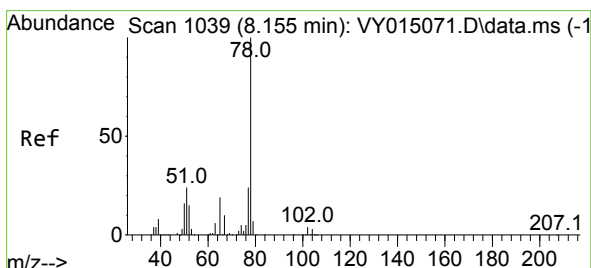
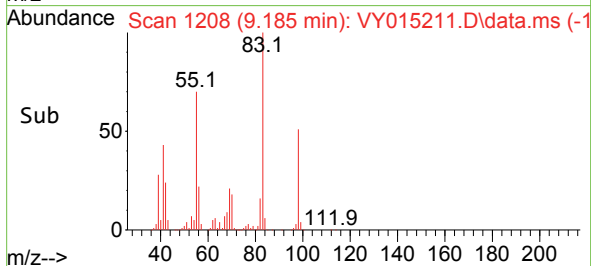
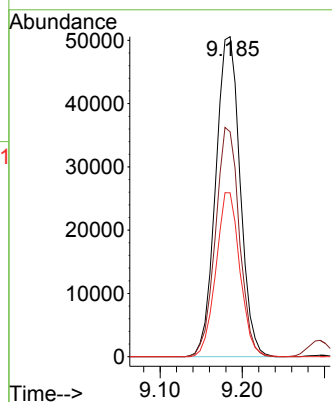
Tgt Ion: 83 Resp: 104349

Ion Ratio Lower Upper

83 100

55 70.2 63.0 94.4

98 51.2 37.4 56.2



#40

Benzene

Concen: 48.199 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY015211.D

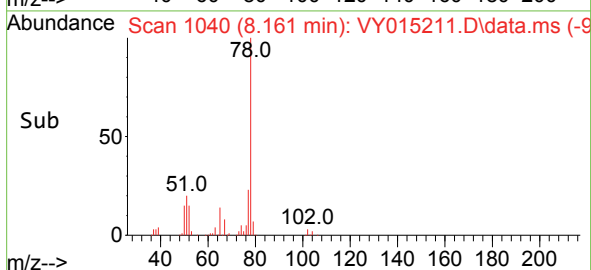
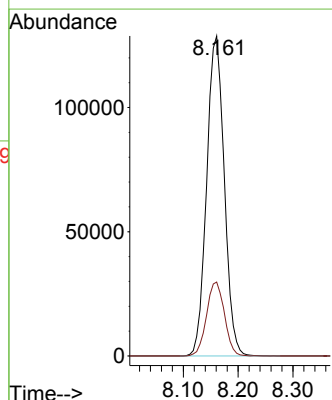
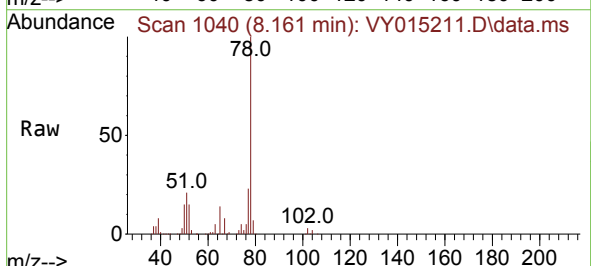
Acq: 21 Aug 2023 09:14

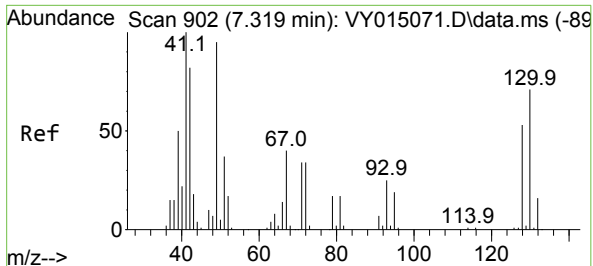
Tgt Ion: 78 Resp: 286395

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.6

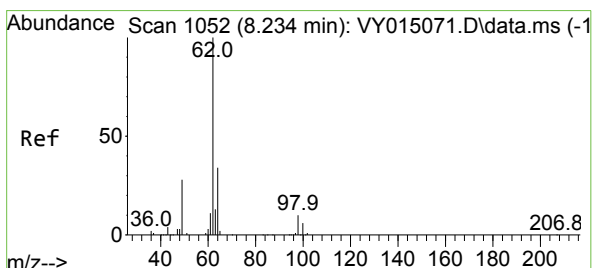
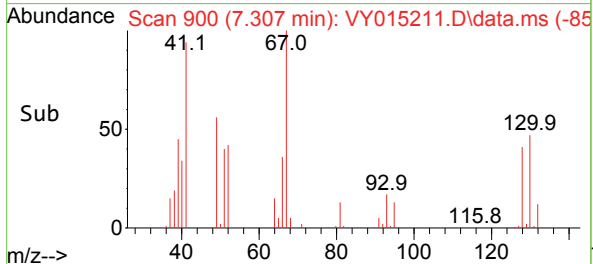
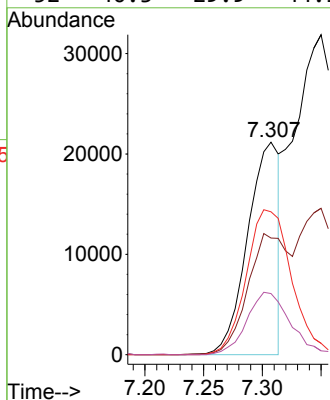
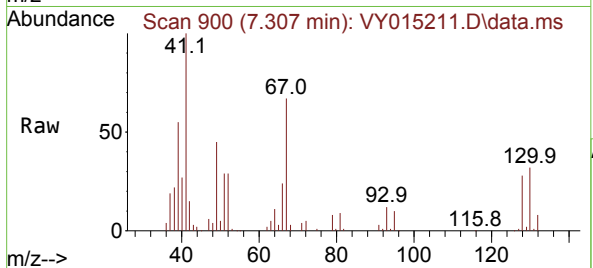




#41
Methacrylonitrile
Concen: 42.257 ug/l
RT: 7.307 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

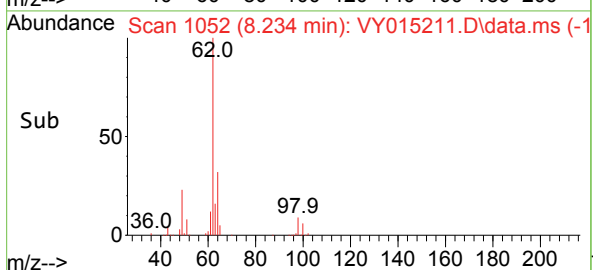
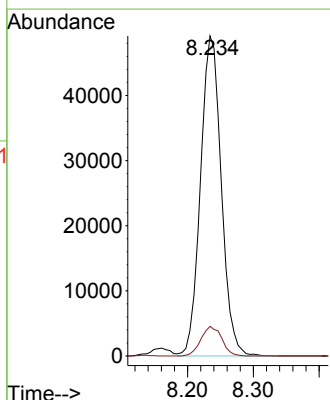
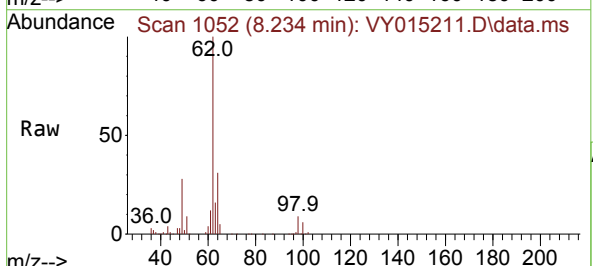
Instrument :
MSVOA_Y
ClientSampleId :

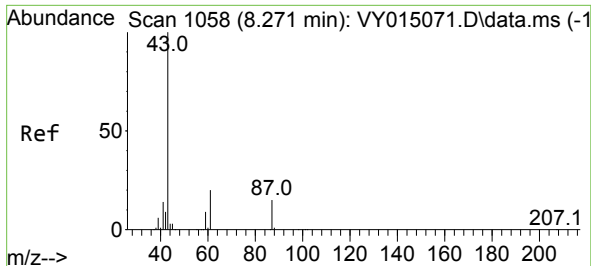
Tgt Ion: 41	Resp: 39917
Ion Ratio	Lower Upper
41	100
39	75.2 52.1 78.1
67	97.5 66.2 99.2
52	40.3 29.9 44.9



#42
1,2-Dichloroethane
Concen: 50.069 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

Tgt Ion: 62	Resp: 108047
Ion Ratio	Lower Upper
62	100
98	9.2 0.0 15.8

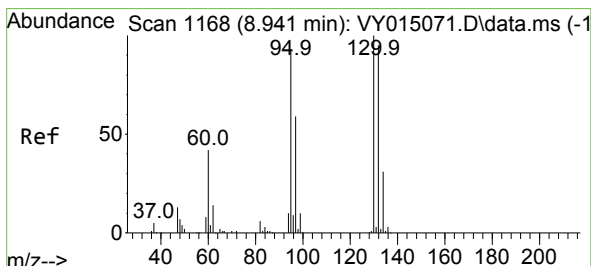
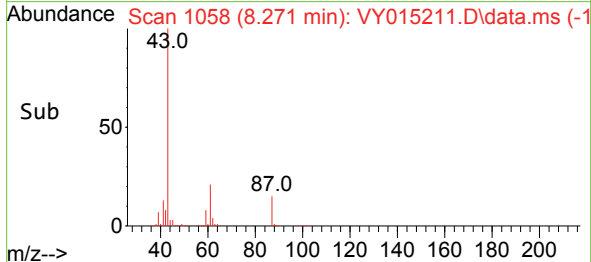
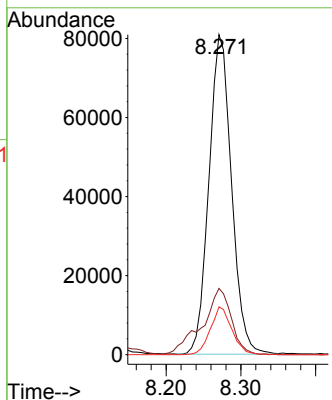
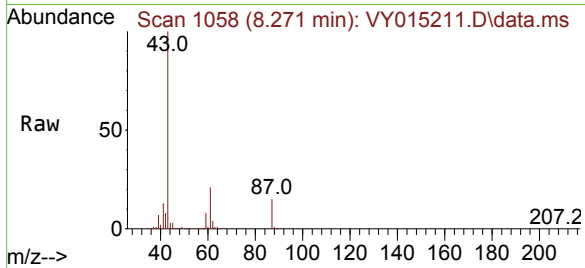




#43
Isopropyl Acetate
Concen: 50.923 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

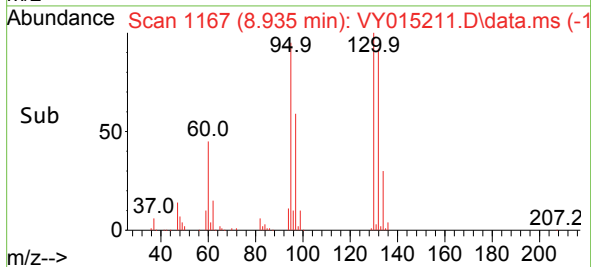
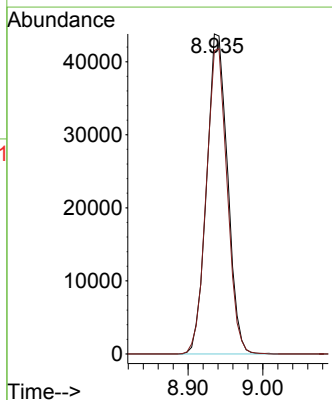
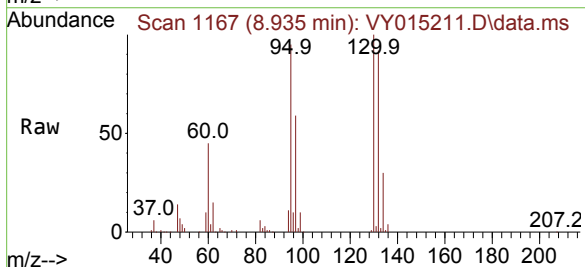
Instrument :
MSVOA_Y
ClientSampleId :

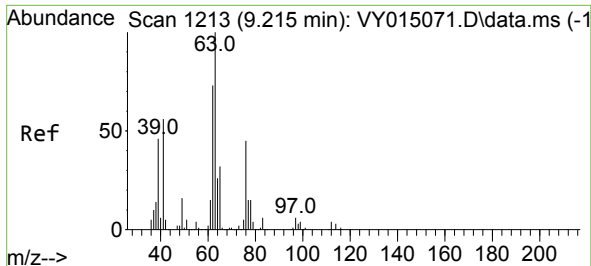
Tgt Ion: 43 Resp: 169881
Ion Ratio Lower Upper
43 100
61 26.9 21.1 31.7
87 14.2 9.8 14.8



#44
Trichloroethene
Concen: 49.788 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

Tgt Ion:130 Resp: 85229
Ion Ratio Lower Upper
130 100
95 94.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 48.367 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

Instrument :

MSVOA_Y

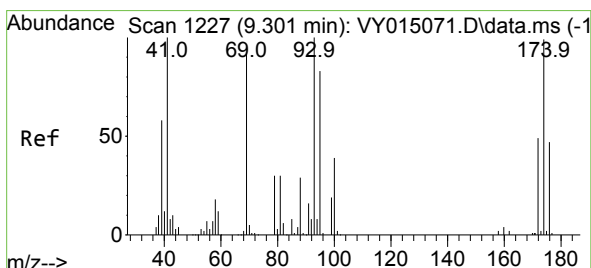
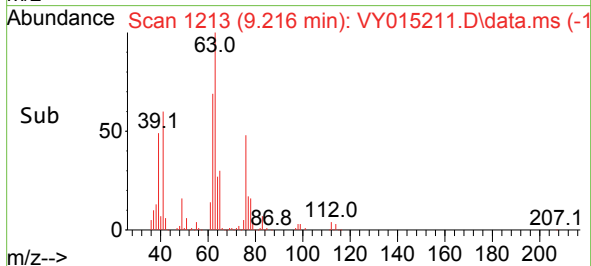
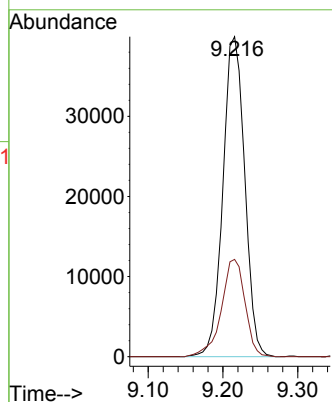
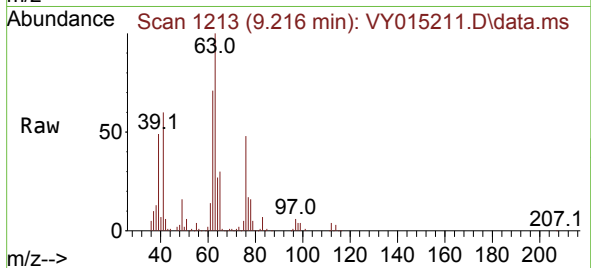
ClientSampleId :

Tgt Ion: 63 Resp: 81040

Ion Ratio Lower Upper

63 100

65 30.4 23.8 35.6



#46

Dibromomethane

Concen: 51.198 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

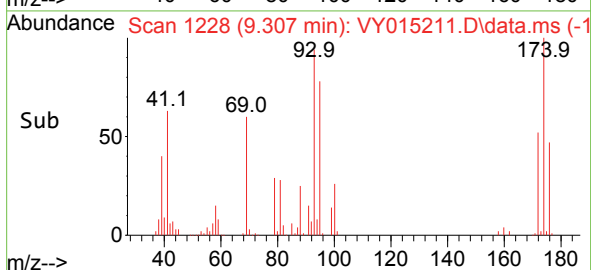
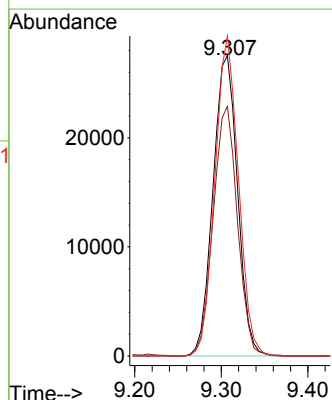
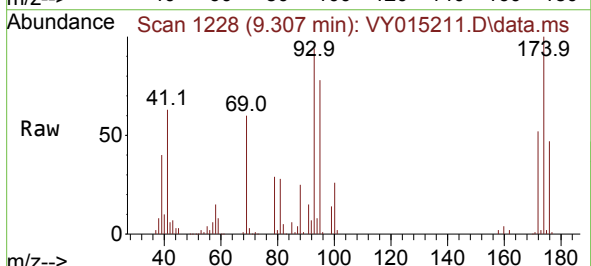
Tgt Ion: 93 Resp: 54104

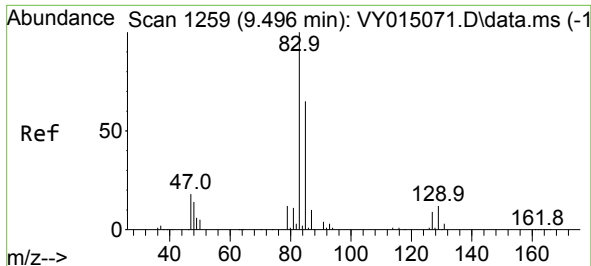
Ion Ratio Lower Upper

93 100

95 82.3 66.6 100.0

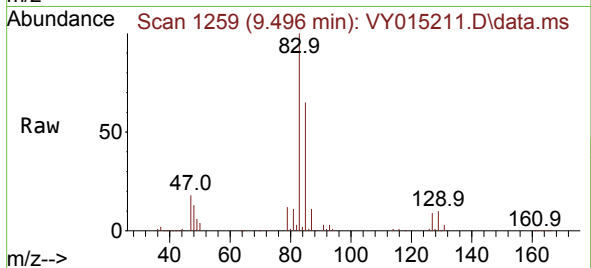
174 102.1 84.8 127.2



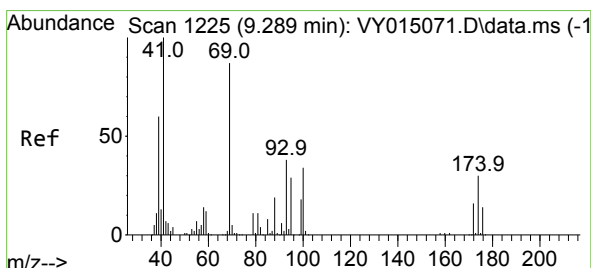
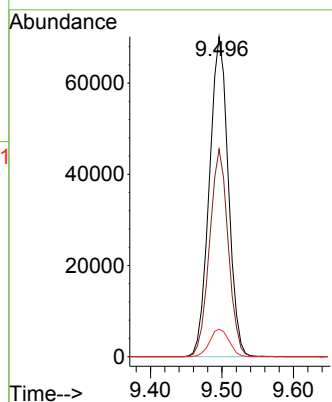
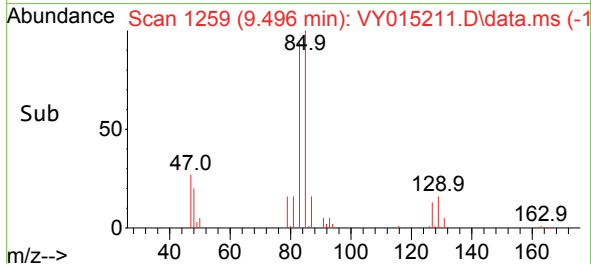


#47
Bromodichloromethane
Concen: 51.066 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

Instrument :
MSVOA_Y
ClientSampleId :

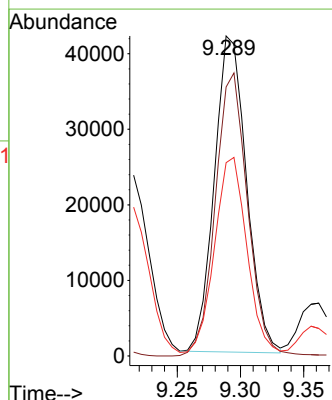
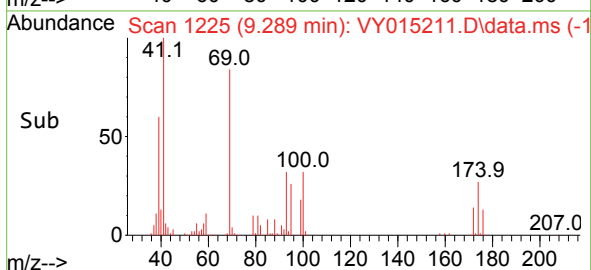
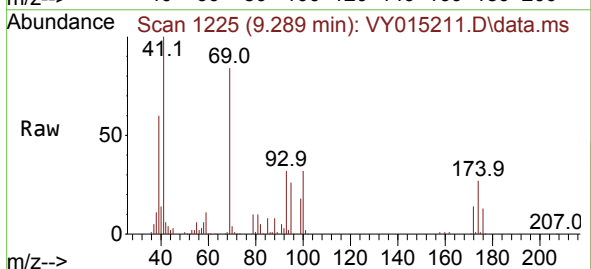


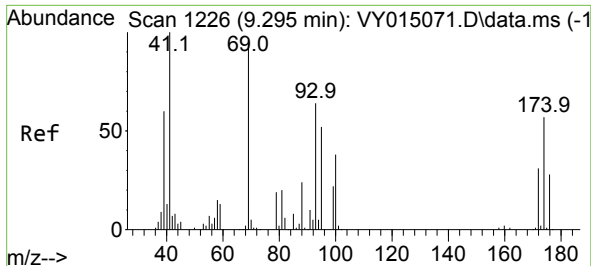
Tgt Ion: 83 Resp: 128774
Ion Ratio Lower Upper
83 100
85 64.9 50.1 75.1
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 51.830 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

Tgt Ion: 41 Resp: 73966
Ion Ratio Lower Upper
41 100
69 90.0 64.5 96.7
39 63.7 50.8 76.2





#49

1,4-Dioxane

Concen: 1068.396 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

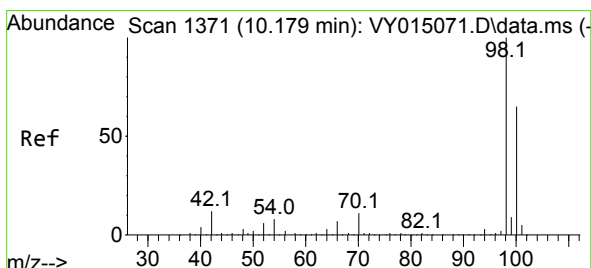
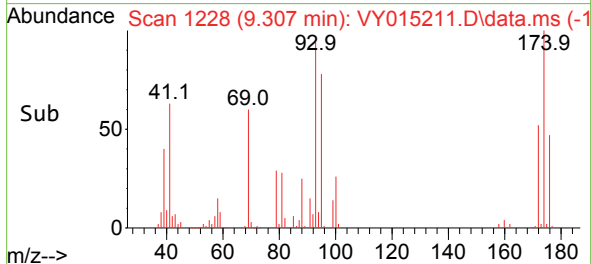
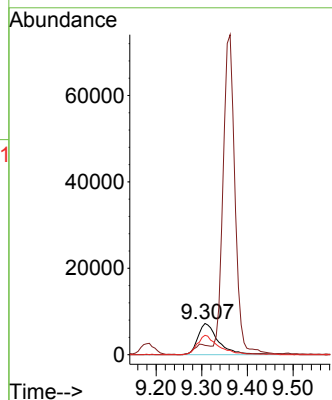
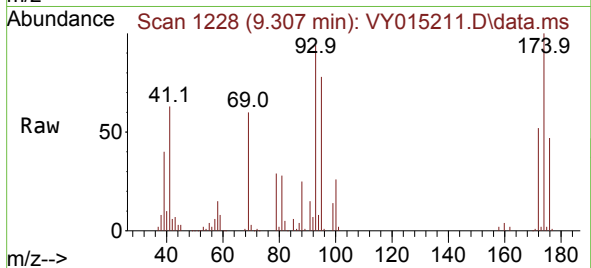
Tgt Ion: 88 Resp: 22577

Ion Ratio Lower Upper

88 100

43 24.7 0.0 0.0#

58 64.1 30.9 46.3#



#50

Toluene-d8

Concen: 55.142 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015211.D

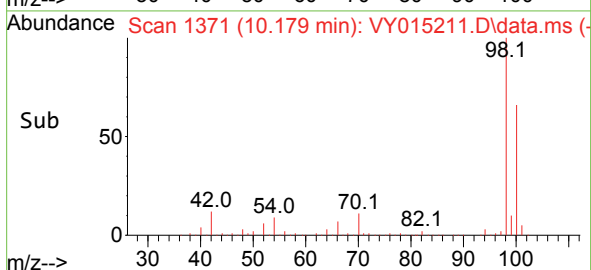
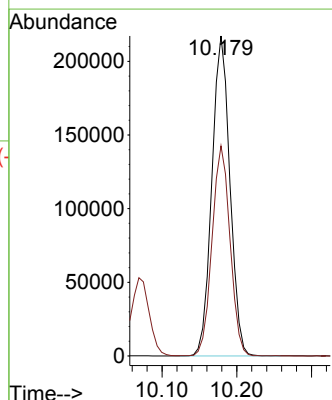
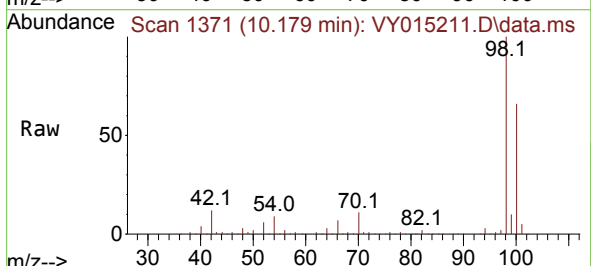
Acq: 21 Aug 2023 09:14

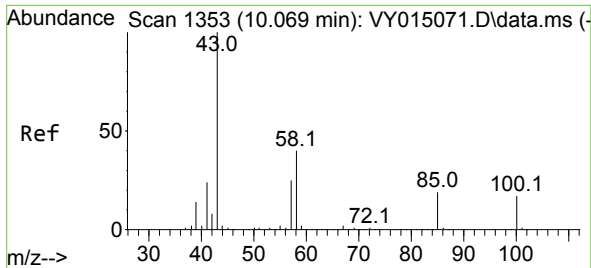
Tgt Ion: 98 Resp: 364654

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1

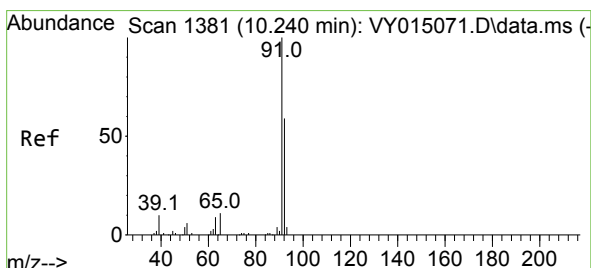
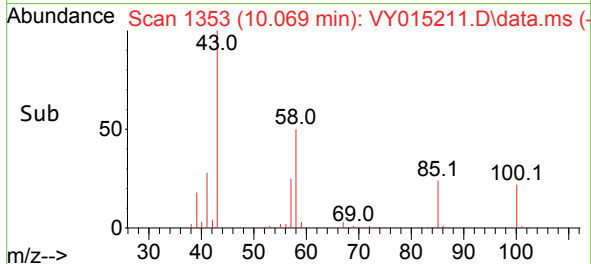
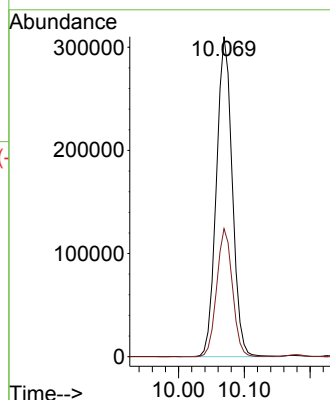
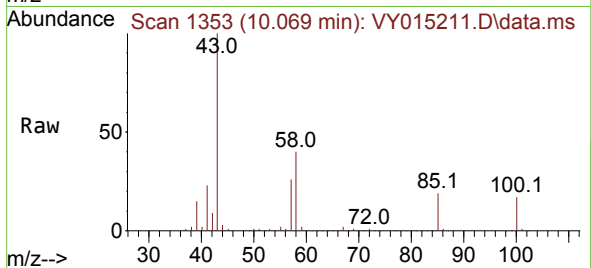




#51
4-Methyl-2-Pentanone
Concen: 269.201 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

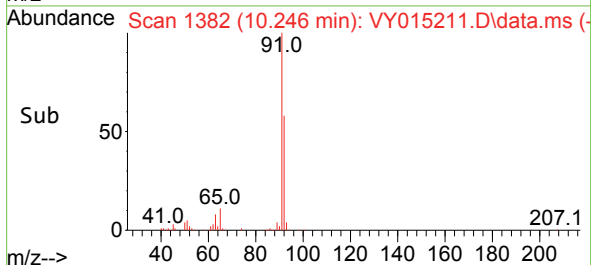
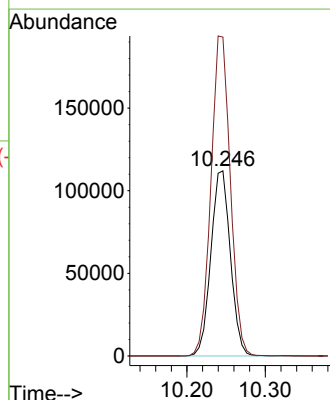
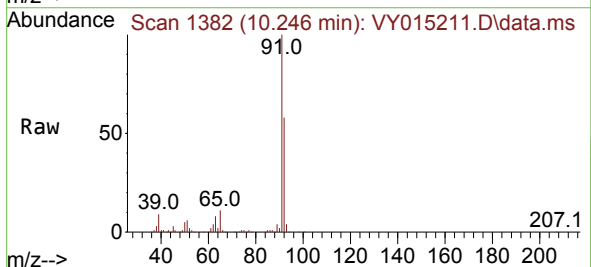
Instrument :
MSVOA_Y
ClientSampleId :

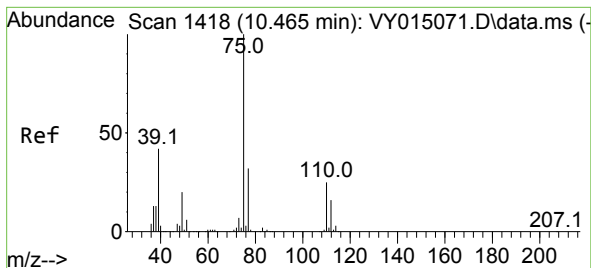
Tgt Ion: 43 Resp: 520485
Ion Ratio Lower Upper
43 100
58 39.7 29.0 43.6



#52
Toluene
Concen: 49.462 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

Tgt Ion: 92 Resp: 193713
Ion Ratio Lower Upper
92 100
91 171.9 143.8 215.6

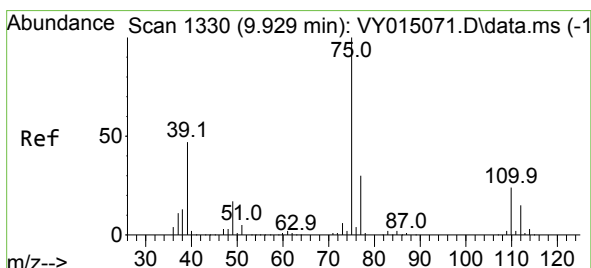
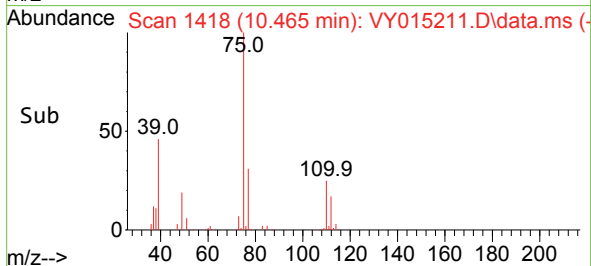
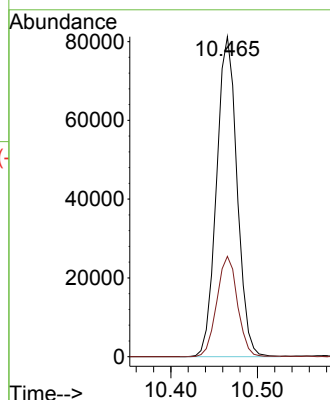
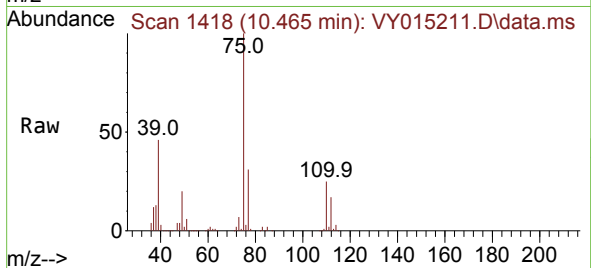




#53
 t-1,3-Dichloropropene
 Concen: 50.504 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY015211.D
 Acq: 21 Aug 2023 09:14

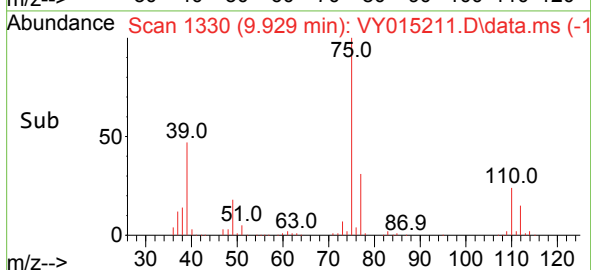
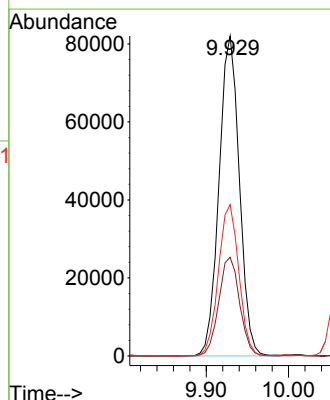
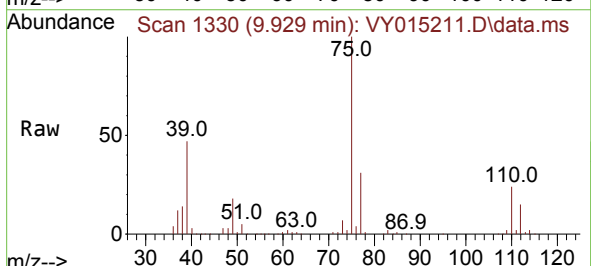
Instrument :
 MSVOA_Y
 ClientSampleId :

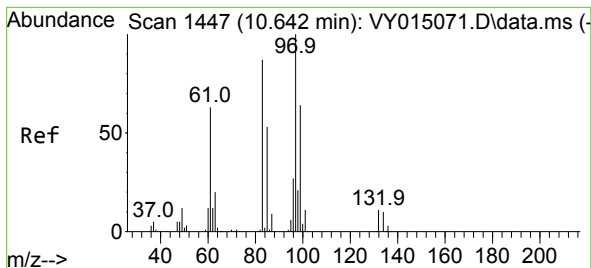
Tgt Ion: 75 Resp: 133844
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 50.492 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015211.D
 Acq: 21 Aug 2023 09:14

Tgt Ion: 75 Resp: 140927
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.2 36.4
 39 47.3 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 51.632 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 82964

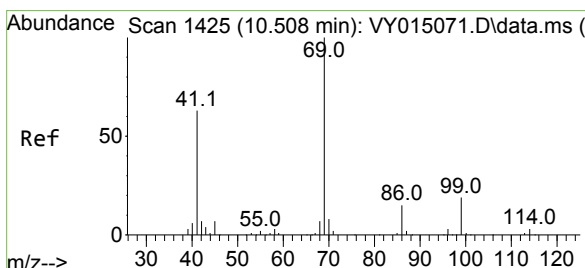
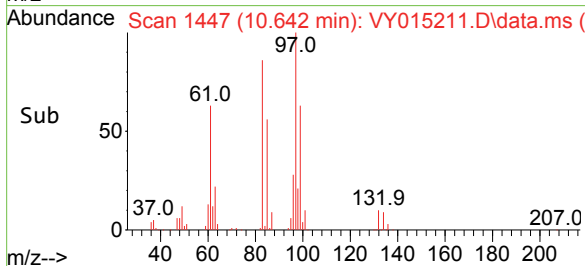
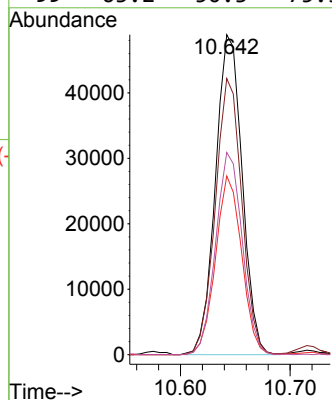
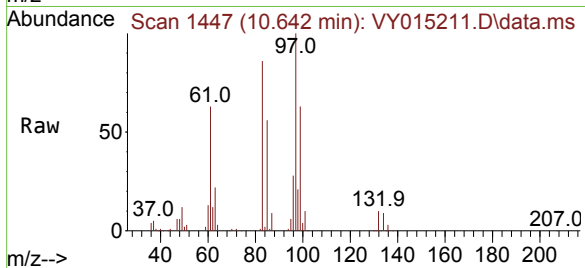
Ion Ratio Lower Upper

97 100

83 86.3 72.0 108.0

85 55.9 45.4 68.0

99 63.2 50.3 75.5



#56

Ethyl methacrylate

Concen: 52.109 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

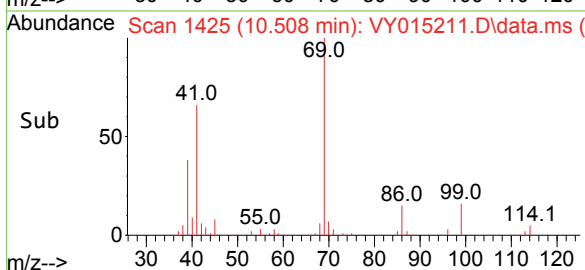
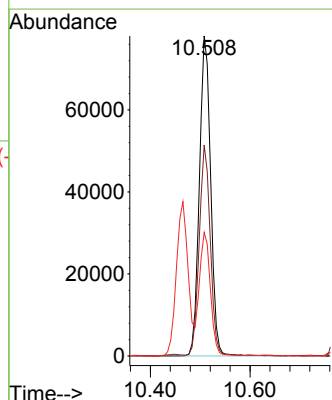
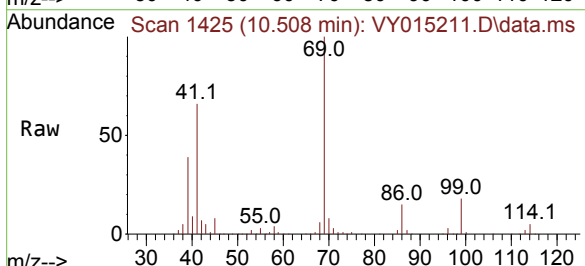
Tgt Ion: 69 Resp: 122538

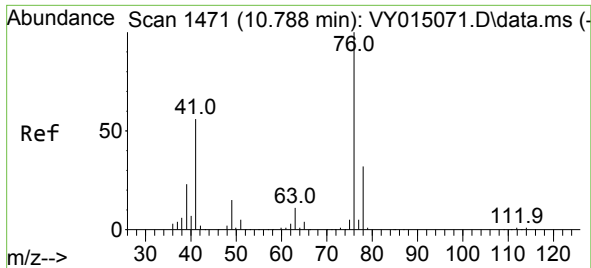
Ion Ratio Lower Upper

69 100

41 64.1 57.6 86.4

39 37.0 34.1 51.1

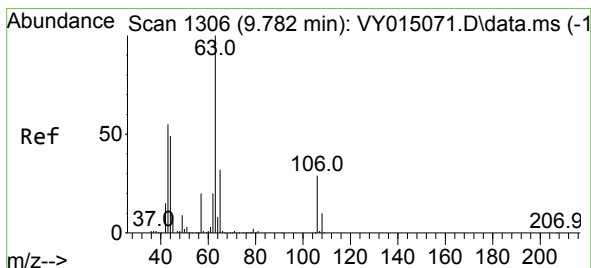
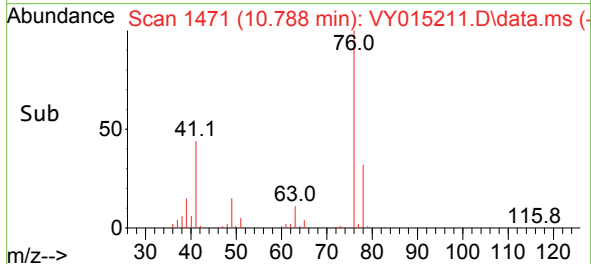
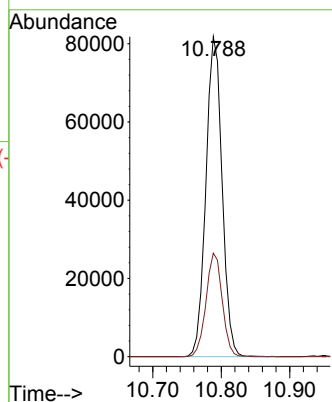
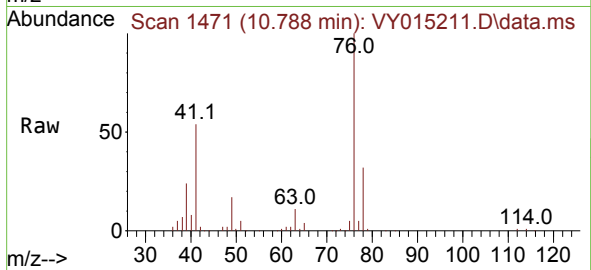




#57
1,3-Dichloropropane
Concen: 51.205 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

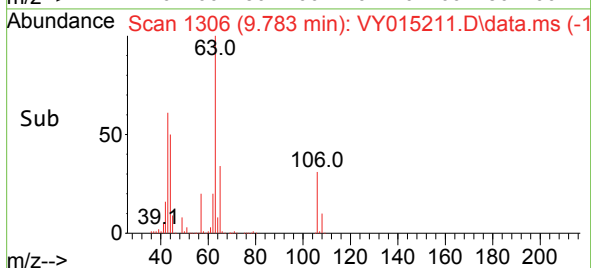
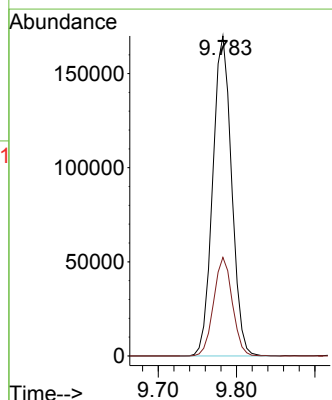
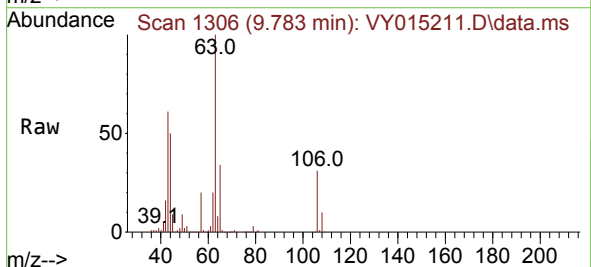
Instrument :
MSVOA_Y
ClientSampleId :

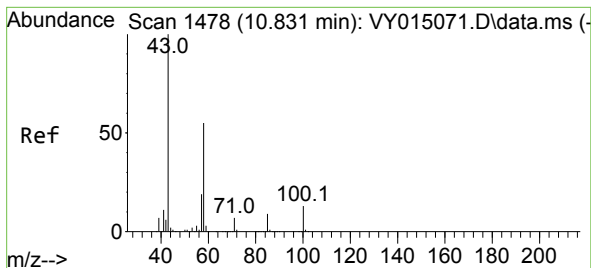
Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.3	37.9



#58
2-Chloroethyl Vinyl ether
Concen: 260.247 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.5	21.2	31.8

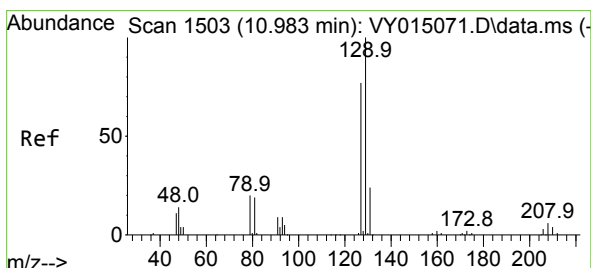
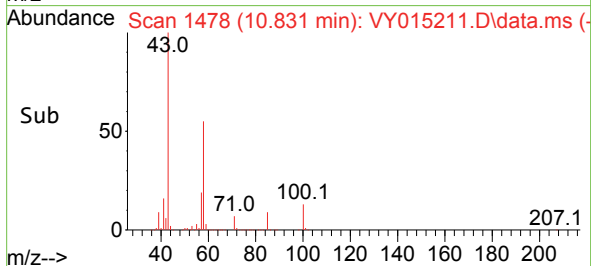
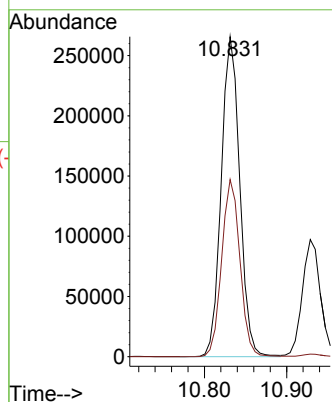
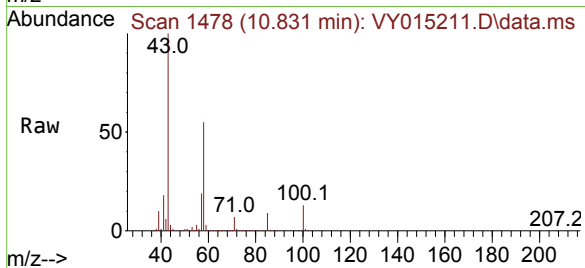




#59
2-Hexanone
Concen: 290.602 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

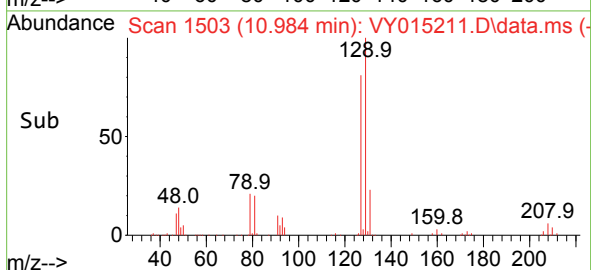
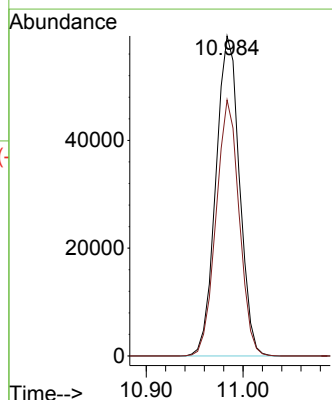
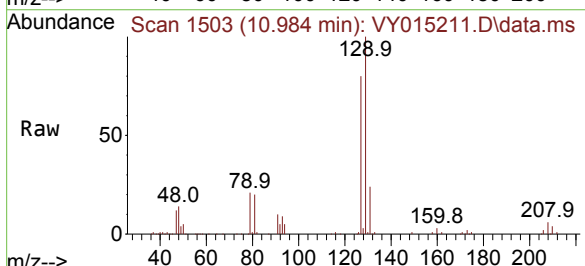
Instrument :
MSVOA_Y
ClientSampleId :

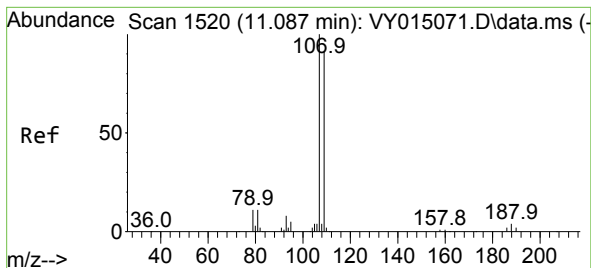
Tgt Ion: 43 Resp: 415838
Ion Ratio Lower Upper
43 100
58 54.7 25.1 75.3



#60
Dibromochloromethane
Concen: 52.428 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

Tgt Ion:129 Resp: 100490
Ion Ratio Lower Upper
129 100
127 78.4 38.5 115.5

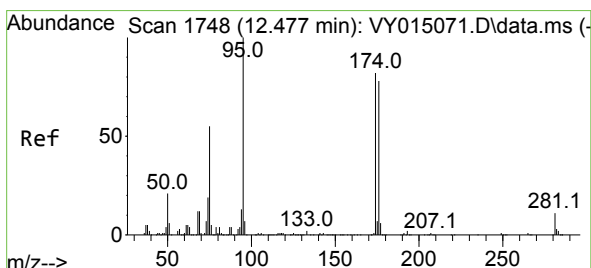
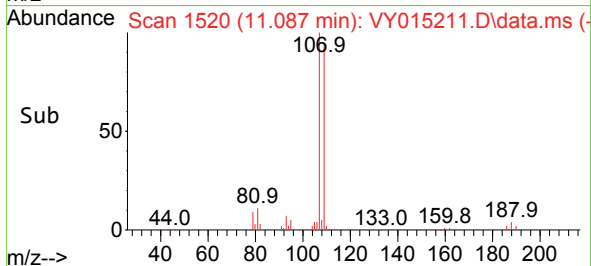
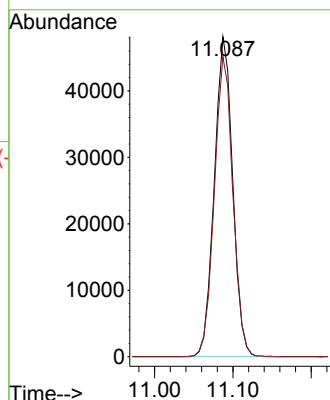
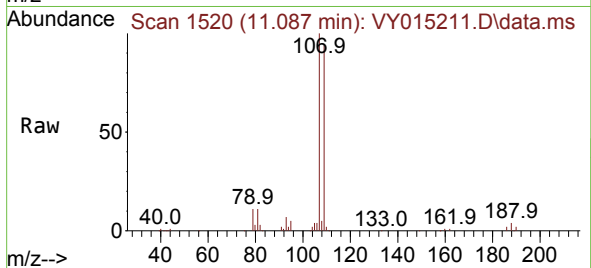




#61
1,2-Dibromoethane
Concen: 51.397 ug/l
RT: 11.087 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

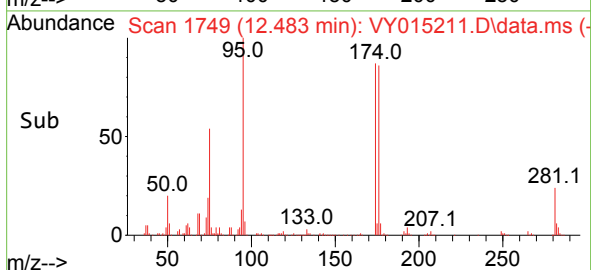
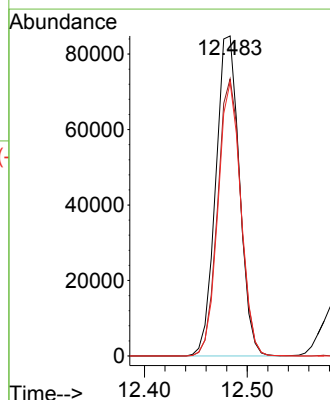
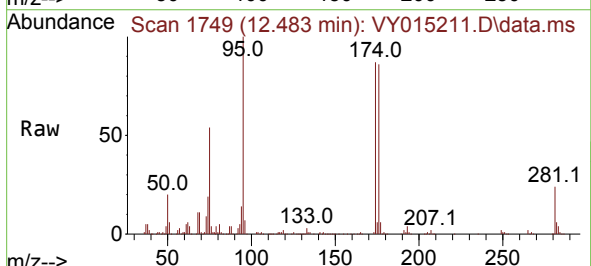
Instrument :
MSVOA_Y
ClientSampleId :

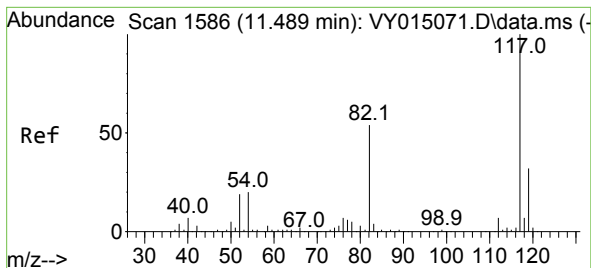
Tgt Ion:107 Resp: 78454
Ion Ratio Lower Upper
107 100
109 94.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 56.157 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

Tgt Ion: 95 Resp: 135642
Ion Ratio Lower Upper
95 100
174 84.4 0.0 178.2
176 82.4 0.0 173.8

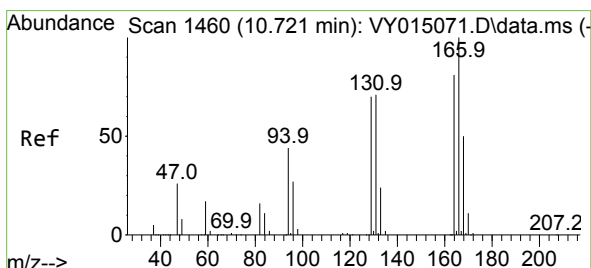
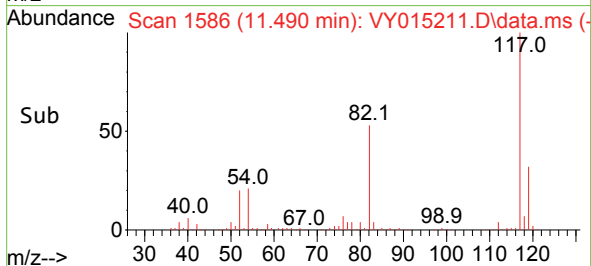
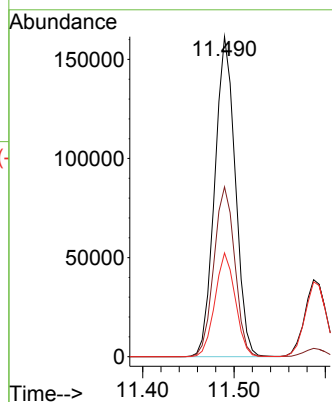
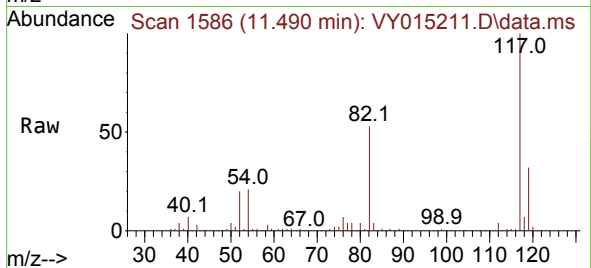




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

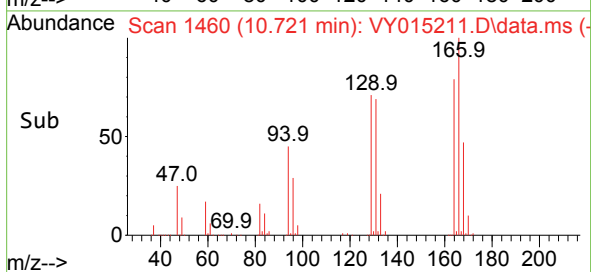
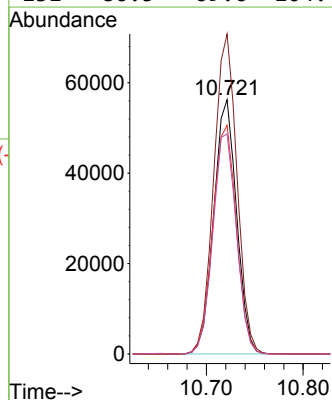
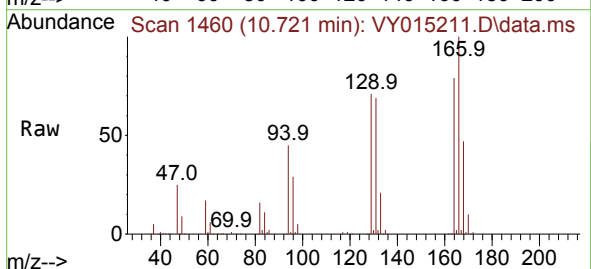
Instrument :
MSVOA_Y
ClientSampleId :

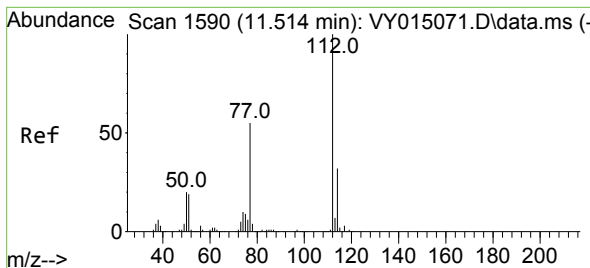
Tgt Ion:117 Resp: 252316
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 32.4 26.3 39.5



#64
Tetrachloroethene
Concen: 52.544 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

Tgt Ion:164 Resp: 92366
Ion Ratio Lower Upper
164 100
166 125.9 103.0 154.6
129 89.9 77.2 115.8
131 86.5 69.6 104.4





#65

Chlorobenzene

Concen: 49.213 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

Instrument :

MSVOA_Y

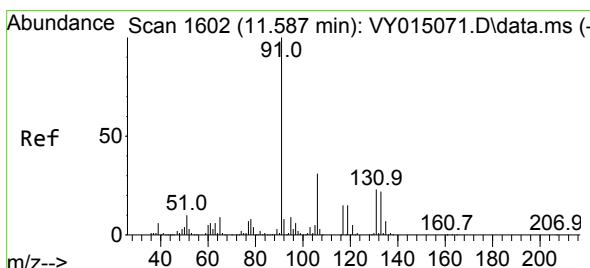
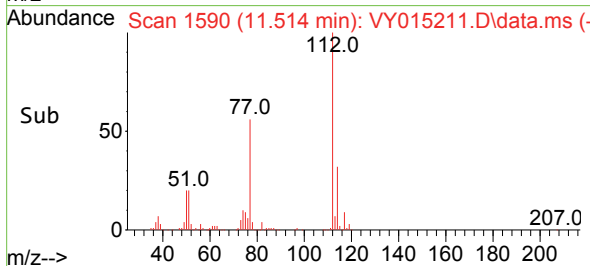
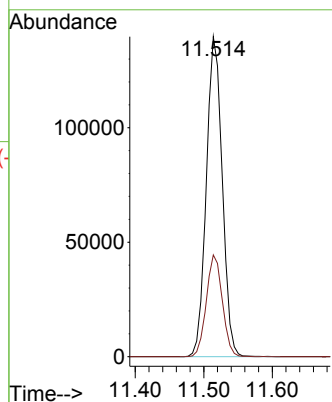
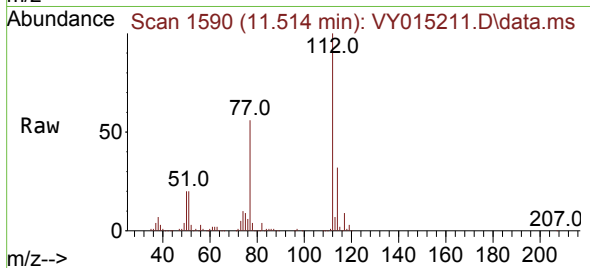
ClientSampleId :

Tgt Ion:112 Resp: 226243

Ion Ratio Lower Upper

112 100

114 31.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 51.511 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

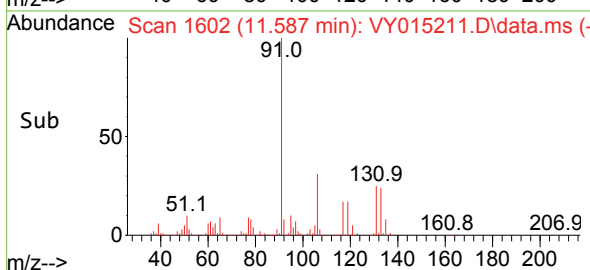
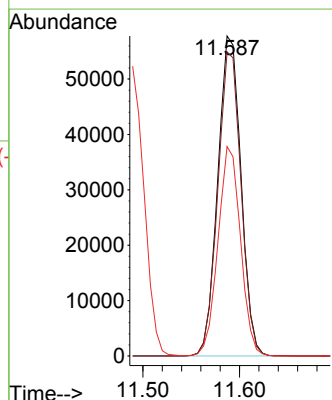
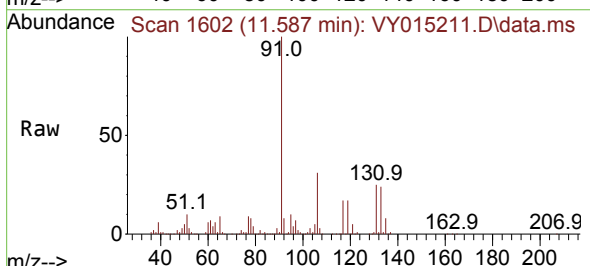
Tgt Ion:131 Resp: 96086

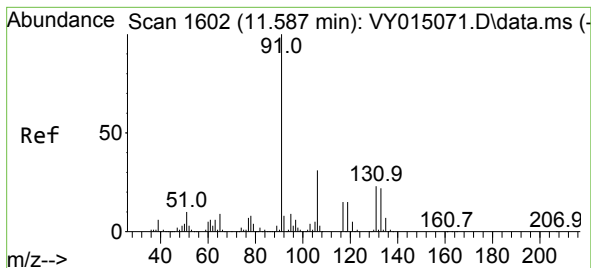
Ion Ratio Lower Upper

131 100

133 95.1 47.5 142.6

119 63.6 31.6 94.7





#67

Ethyl Benzene

Concen: 48.805 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

Instrument :

MSVOA_Y

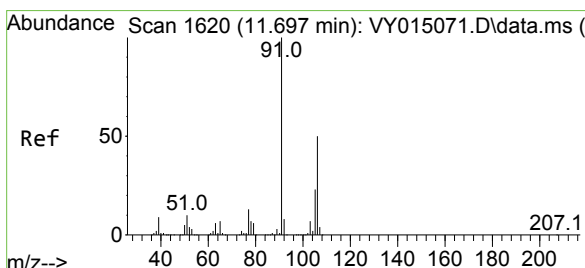
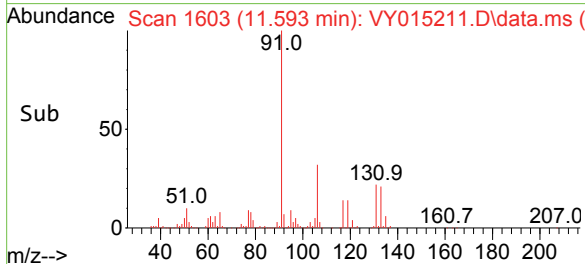
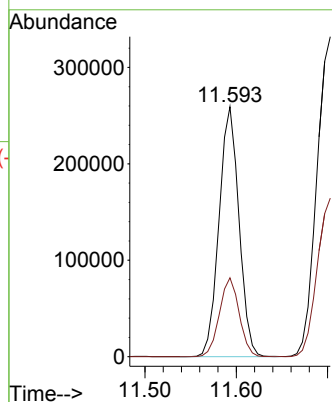
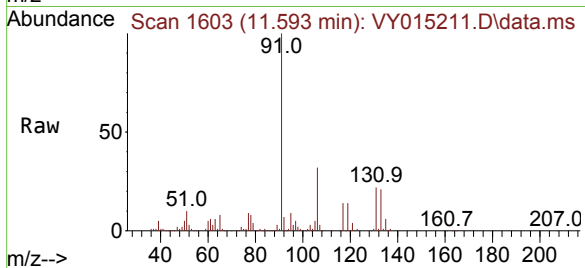
ClientSampleId :

Tgt Ion: 91 Resp: 393117

Ion Ratio Lower Upper

91 100

106 31.6 24.6 36.8



#68

m/p-Xylenes

Concen: 97.628 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015211.D

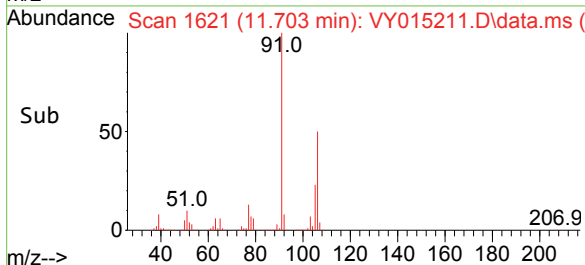
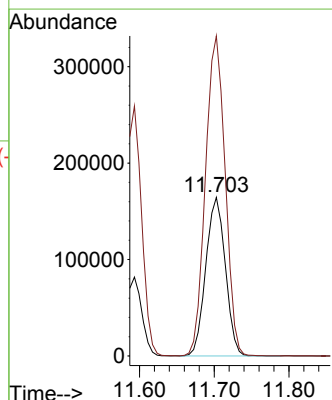
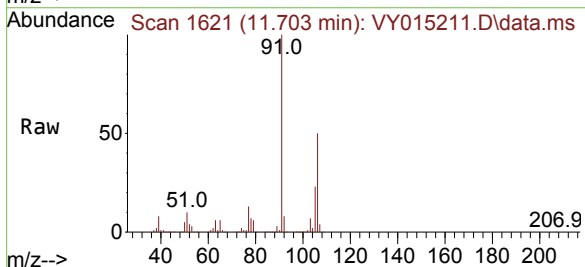
Acq: 21 Aug 2023 09:14

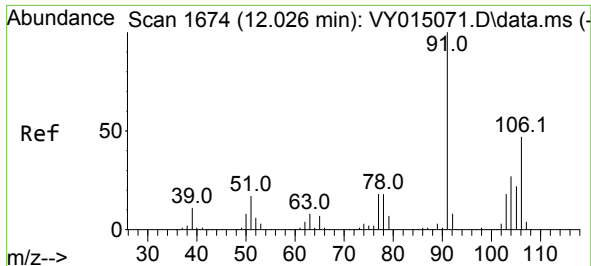
Tgt Ion:106 Resp: 298667

Ion Ratio Lower Upper

106 100

91 203.3 166.1 249.1

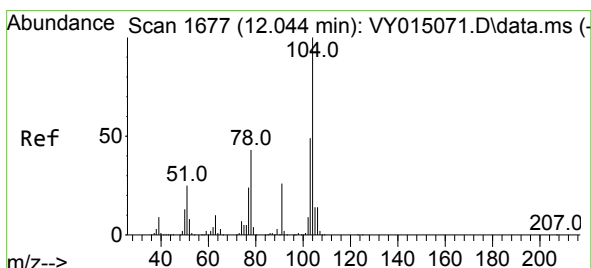
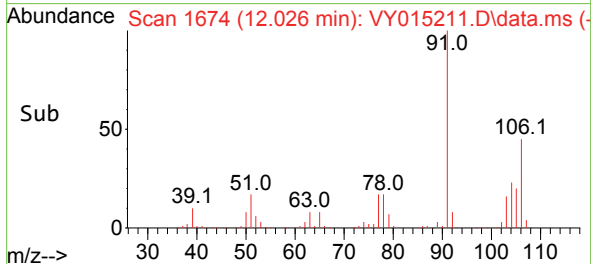
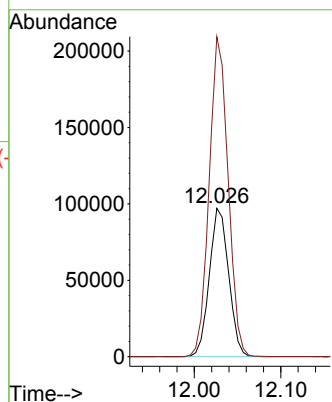
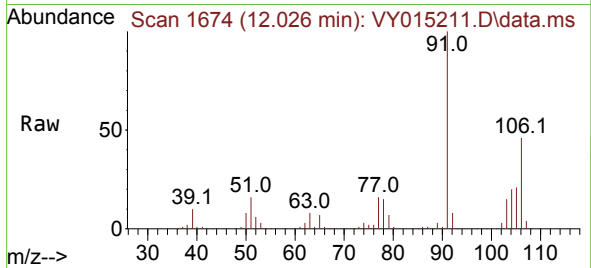




#69
o-Xylene
Concen: 49.385 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

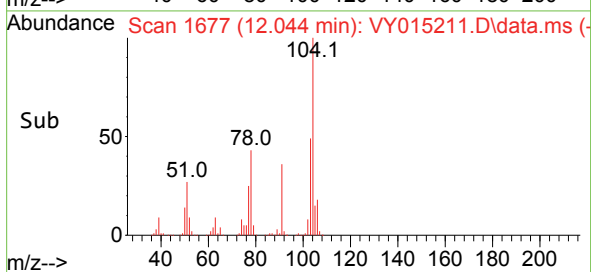
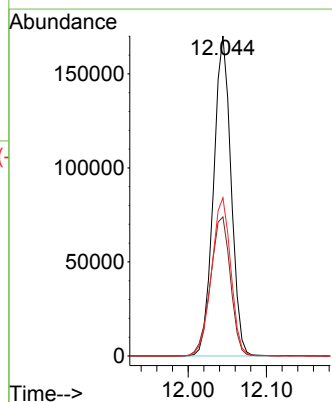
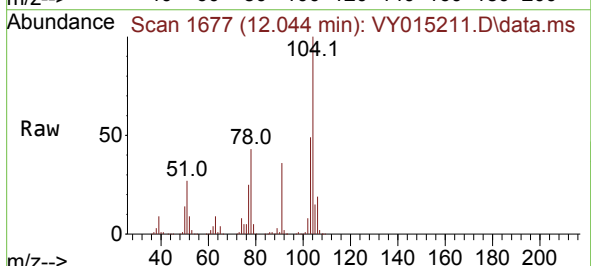
Instrument :
MSVOA_Y
ClientSampleId :

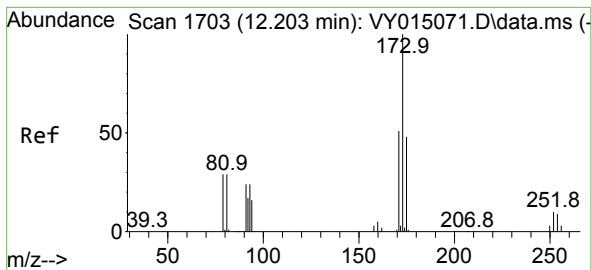
Tgt Ion:106 Resp: 150502
Ion Ratio Lower Upper
106 100
91 211.8 108.1 324.3



#70
Styrene
Concen: 50.176 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

Tgt Ion:104 Resp: 264658
Ion Ratio Lower Upper
104 100
78 49.6 41.5 62.3
103 54.2 44.6 67.0





#71

Bromoform

Concen: 53.022 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

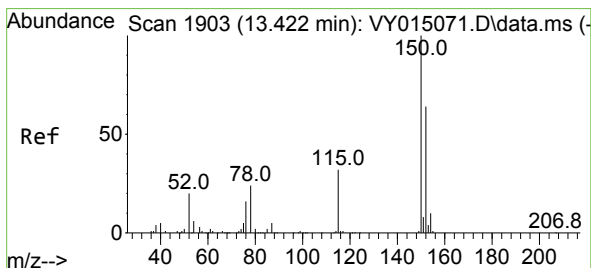
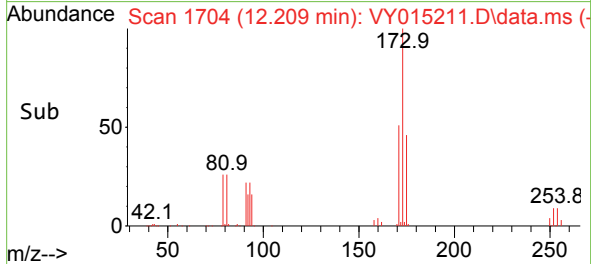
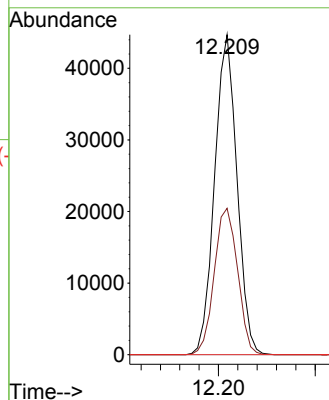
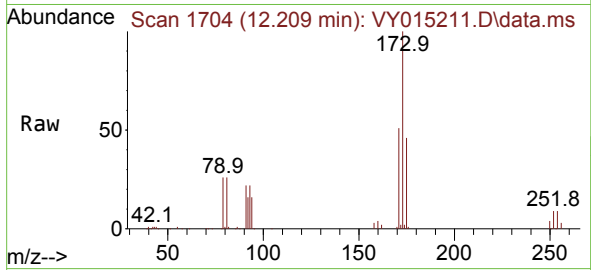
Tgt Ion:173 Resp: 71697

Ion Ratio Lower Upper

173 100

175 47.9 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

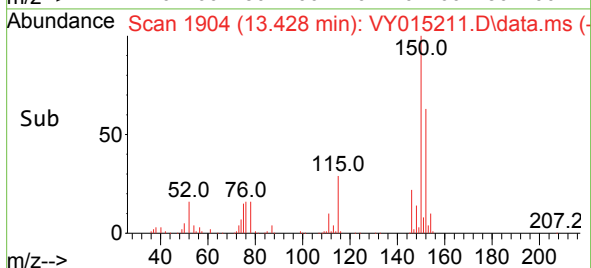
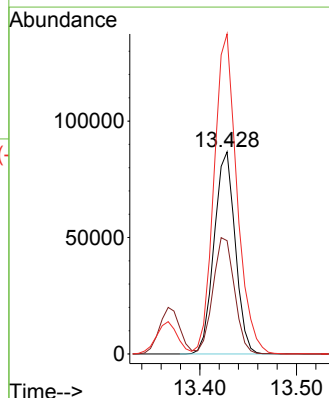
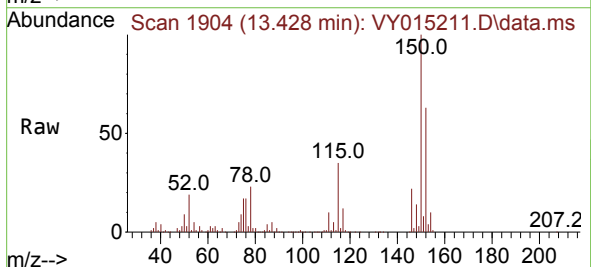
Tgt Ion:152 Resp: 131383

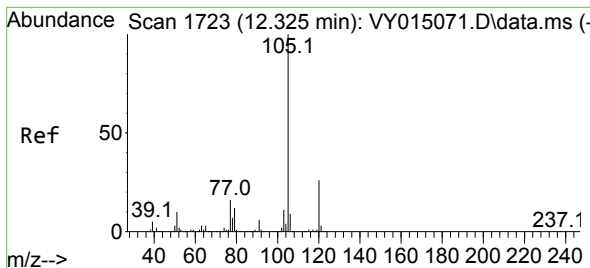
Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 172.3 0.0 348.8





#73

Isopropylbenzene

Concen: 48.375 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

Instrument :

MSVOA_Y

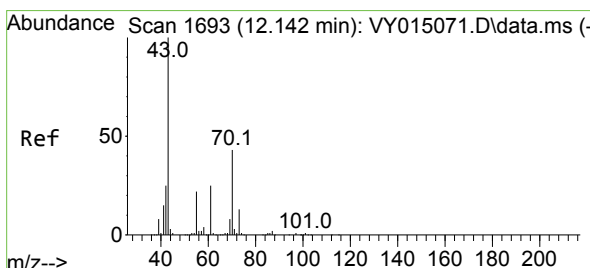
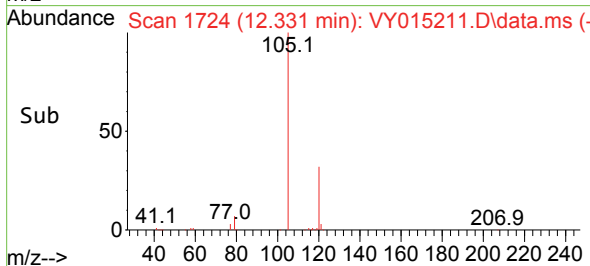
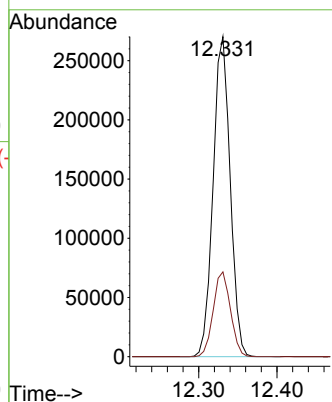
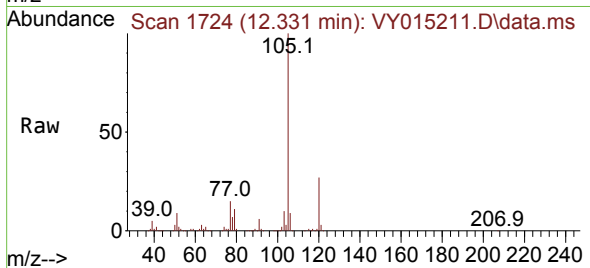
ClientSampleId :

Tgt Ion:105 Resp: 408690

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 50.883 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

Tgt Ion: 43 Resp: 155206

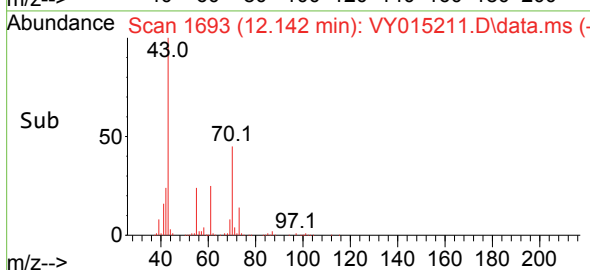
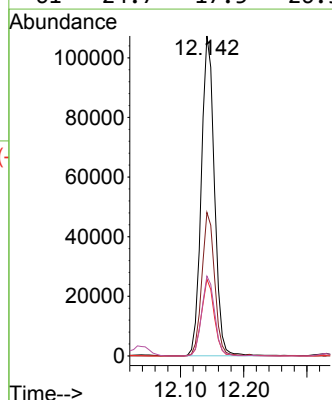
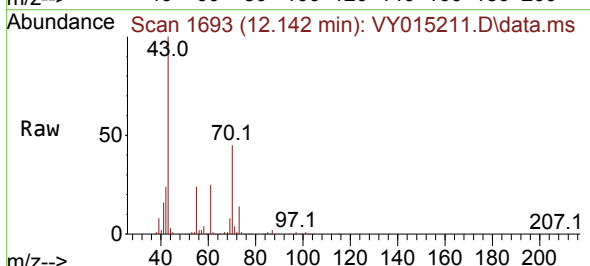
Ion Ratio Lower Upper

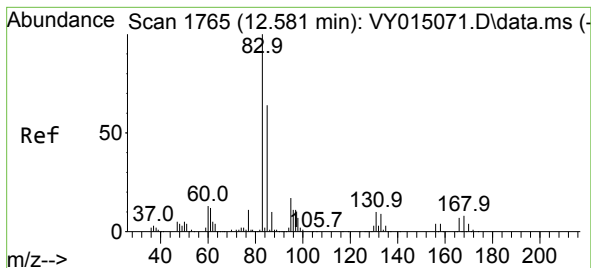
43 100

70 43.7 29.7 44.5

55 23.5 18.3 27.5

61 24.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 51.433 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

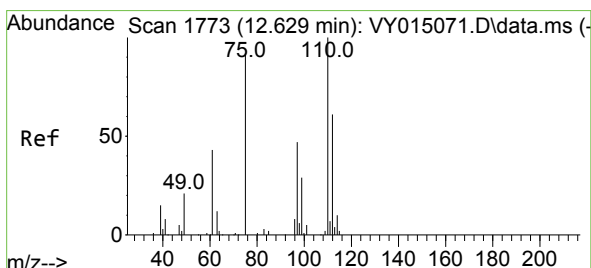
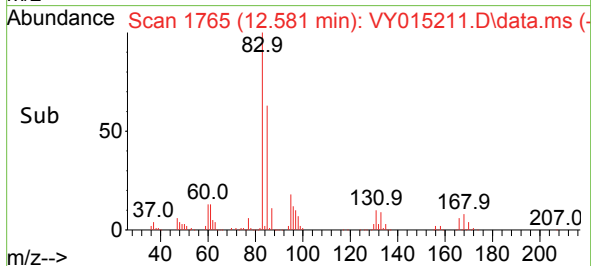
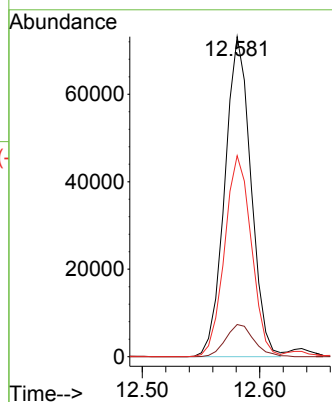
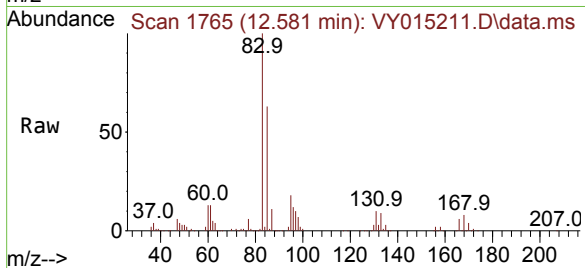
Tgt Ion: 83 Resp: 113170

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

85 64.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 93.791 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015211.D

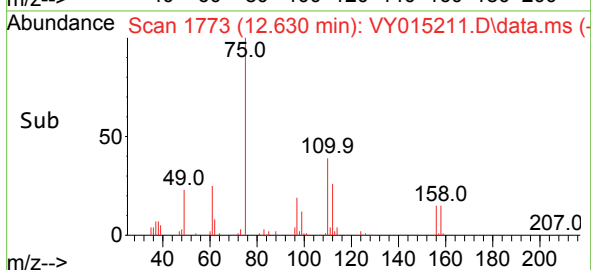
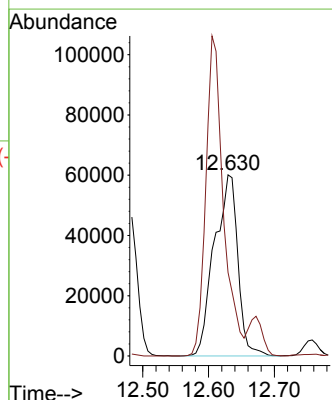
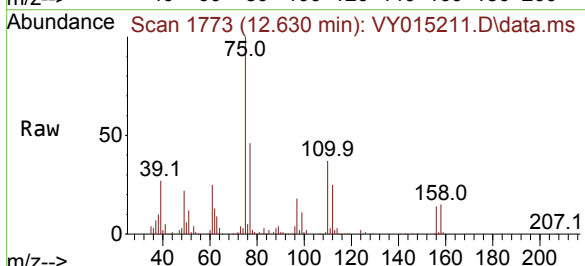
Acq: 21 Aug 2023 09:14

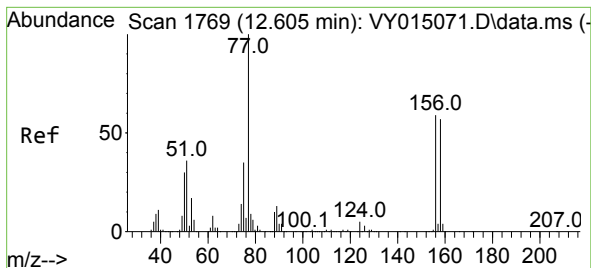
Tgt Ion: 75 Resp: 149710

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.399 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

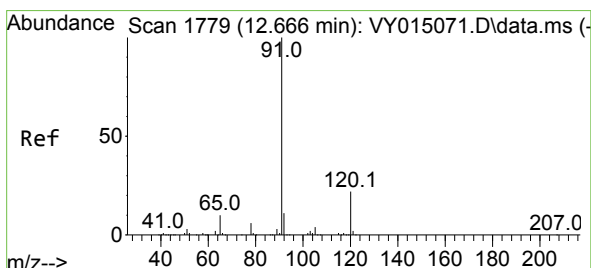
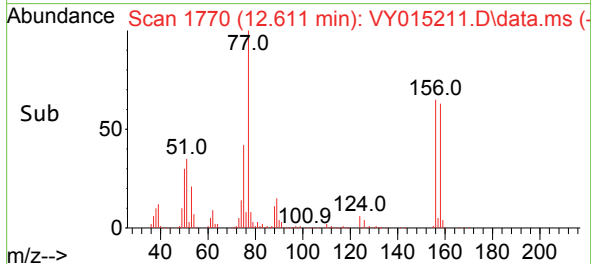
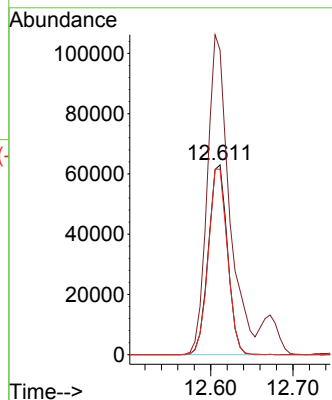
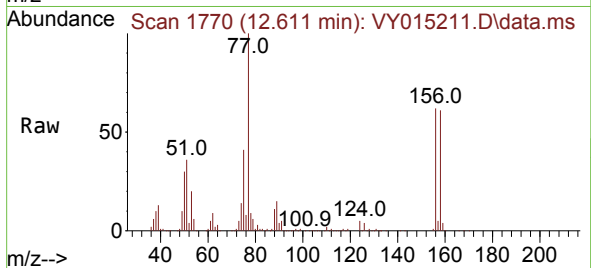
Tgt Ion:156 Resp: 101728

Ion Ratio Lower Upper

156 100

77 194.0 92.8 278.6

158 97.8 48.4 145.3



#78

n-propylbenzene

Concen: 48.403 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015211.D

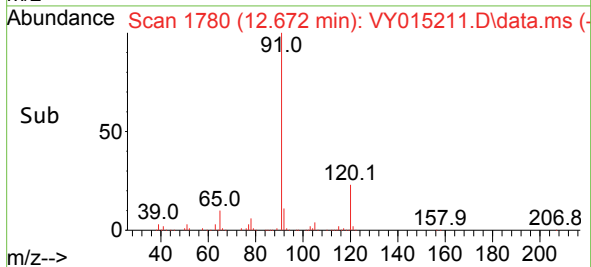
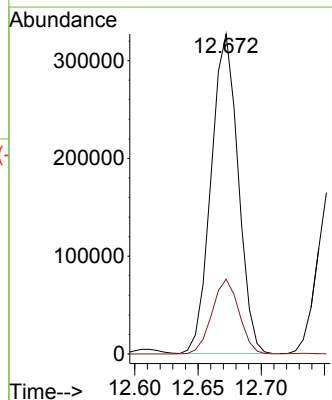
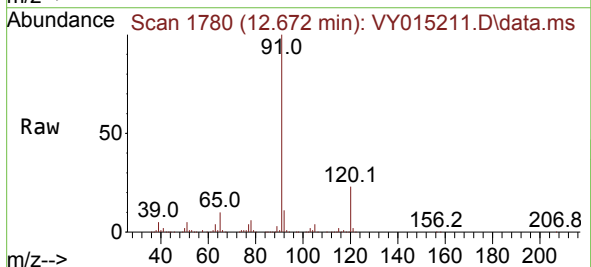
Acq: 21 Aug 2023 09:14

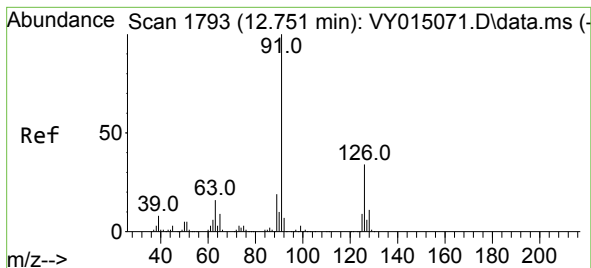
Tgt Ion: 91 Resp: 485591

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.592 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

Instrument :

MSVOA_Y

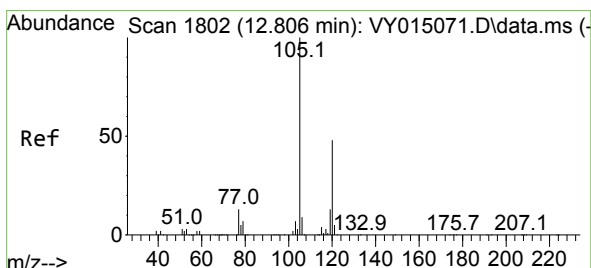
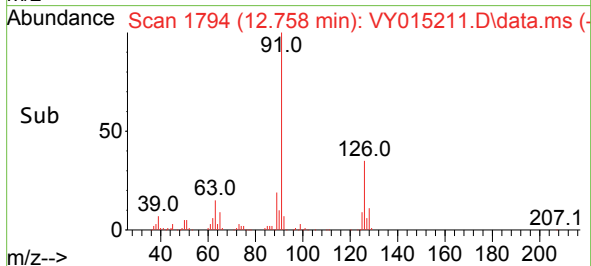
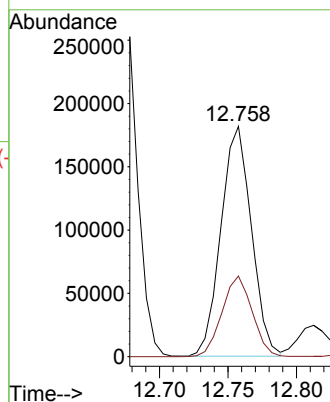
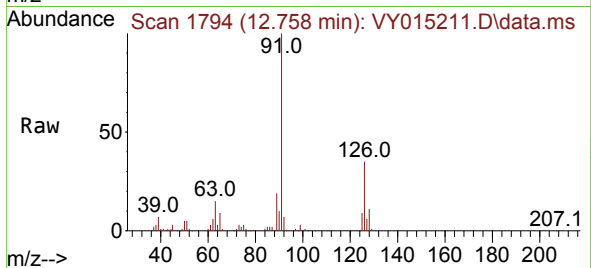
ClientSampleId :

Tgt Ion: 91 Resp: 281222

Ion Ratio Lower Upper

91 100

126 34.7 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 48.926 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015211.D

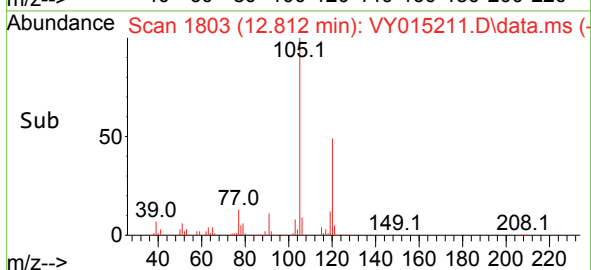
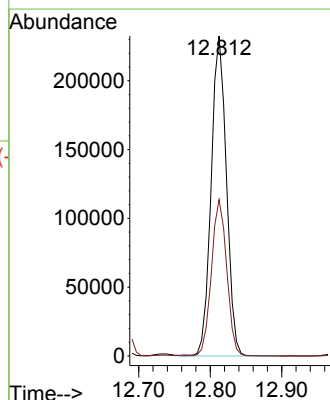
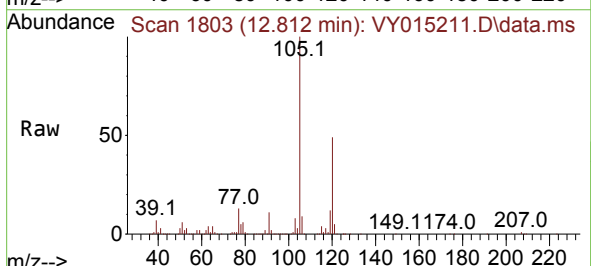
Acq: 21 Aug 2023 09:14

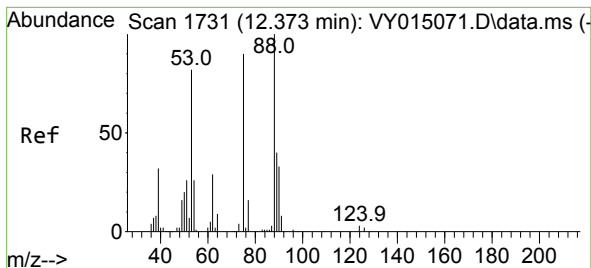
Tgt Ion:105 Resp: 344551

Ion Ratio Lower Upper

105 100

120 49.0 23.9 71.7

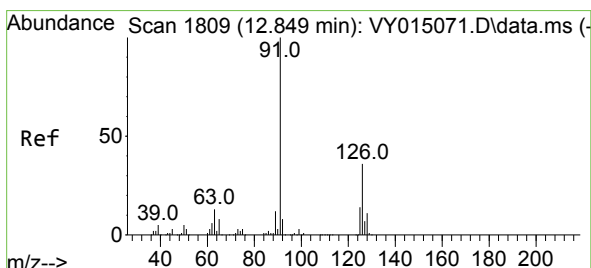
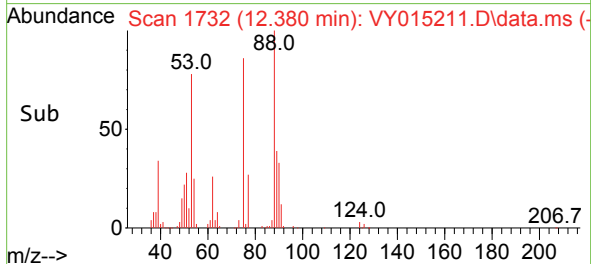
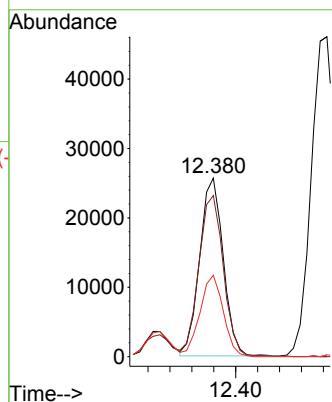
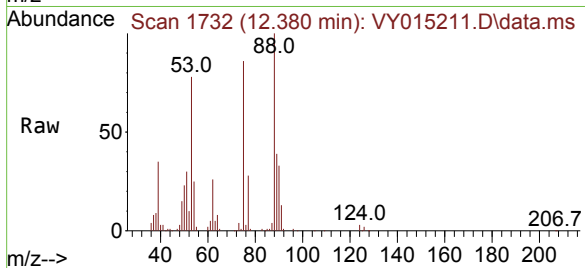




#81
trans-1,4-Dichloro-2-butene
Concen: 52.575 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

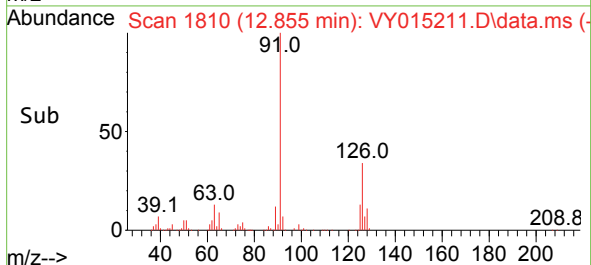
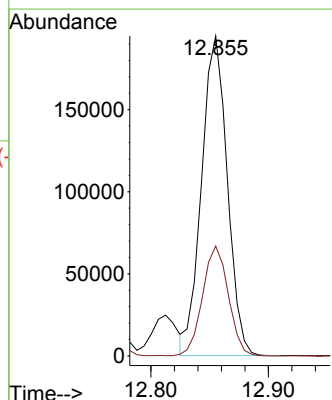
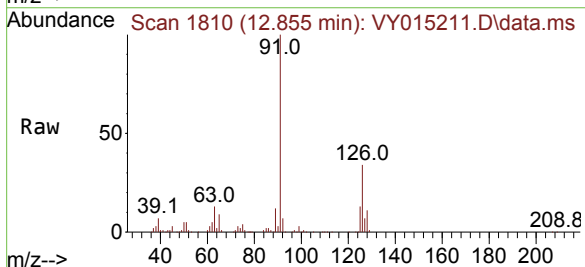
Instrument :
MSVOA_Y
ClientSampleId :

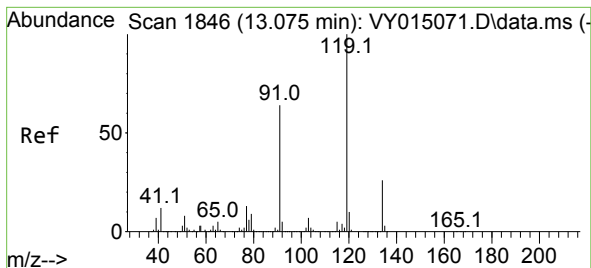
Tgt Ion: 75 Resp: 38207
Ion Ratio Lower Upper
75 100
53 95.0 77.8 116.8
89 45.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 49.545 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

Tgt Ion: 91 Resp: 296239
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6

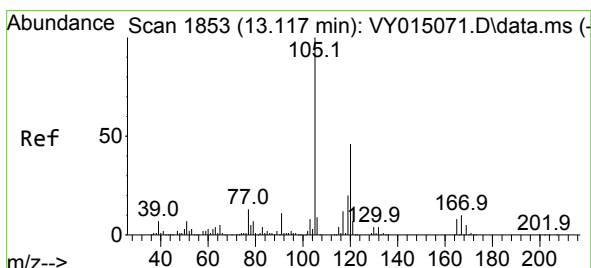
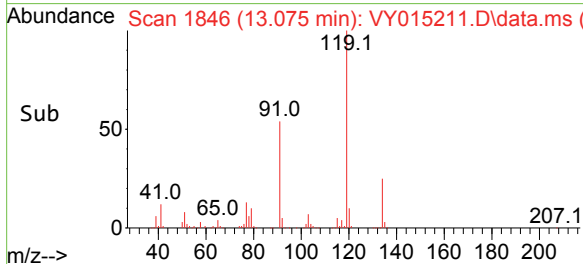
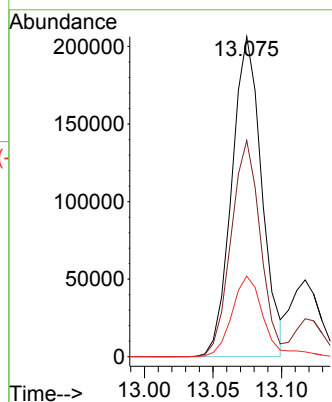
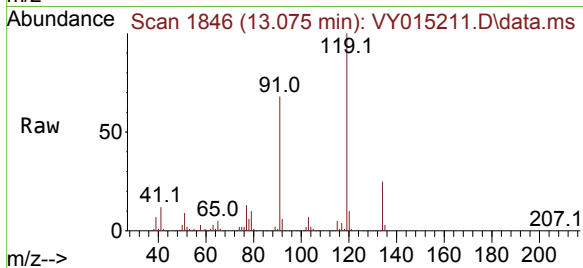




#83
tert-Butylbenzene
Concen: 48.782 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

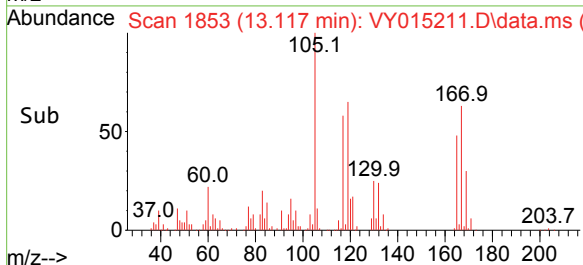
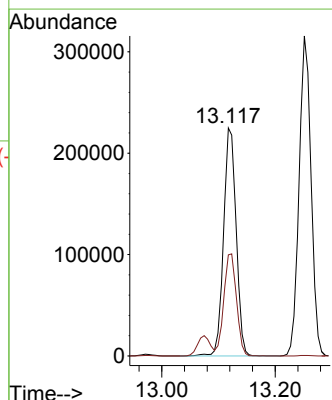
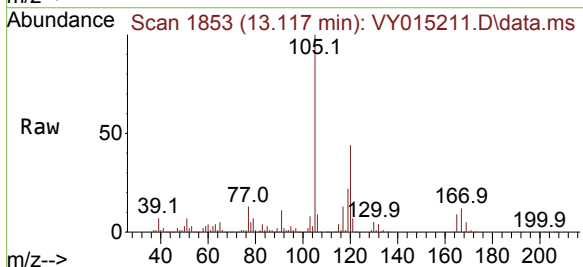
Instrument :
MSVOA_Y
ClientSampleId :

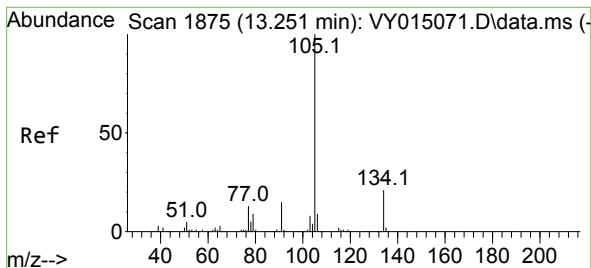
Tgt Ion:119 Resp: 314224
Ion Ratio Lower Upper
119 100
91 66.1 32.9 98.6
134 26.7 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 49.300 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

Tgt Ion:105 Resp: 346925
Ion Ratio Lower Upper
105 100
120 45.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 48.907 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

Instrument :

MSVOA_Y

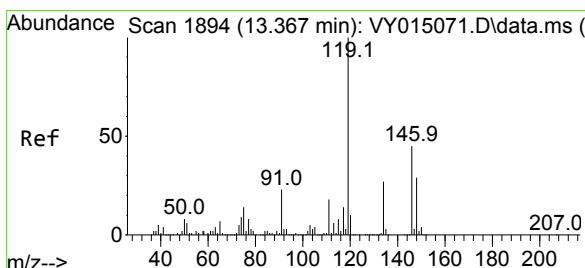
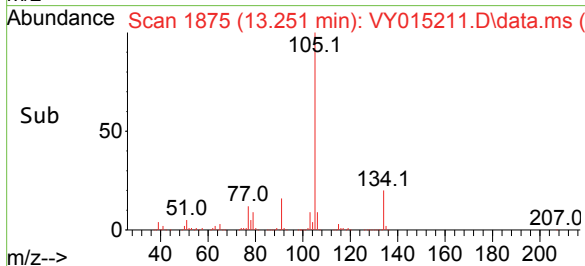
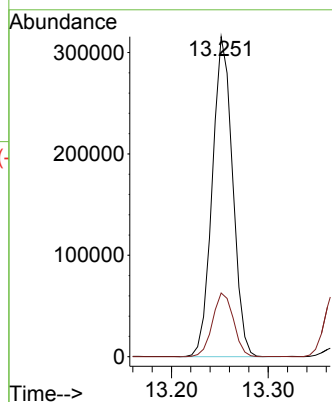
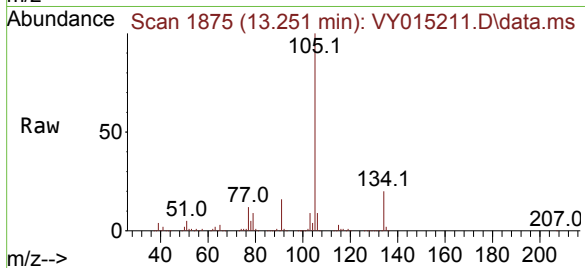
ClientSampleId :

Tgt Ion:105 Resp: 461584

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 49.295 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

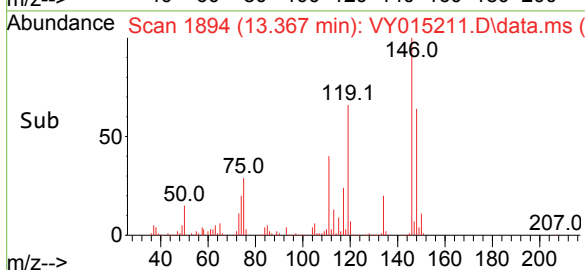
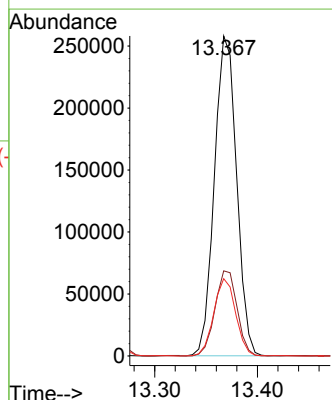
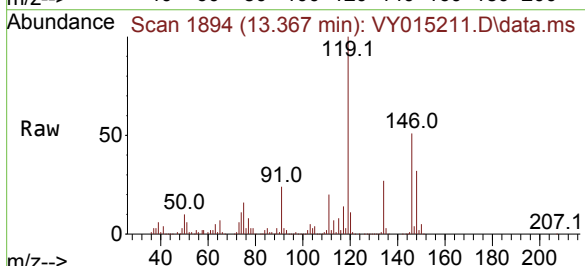
Tgt Ion:119 Resp: 385735

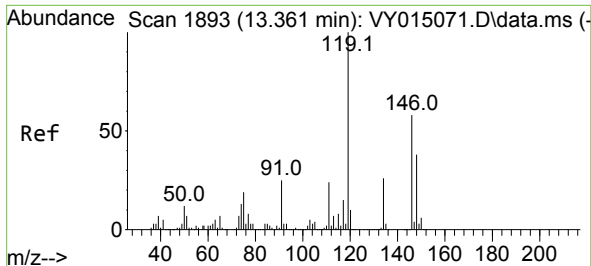
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 23.8 12.4 37.4

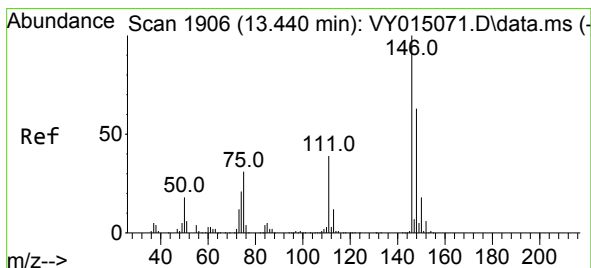
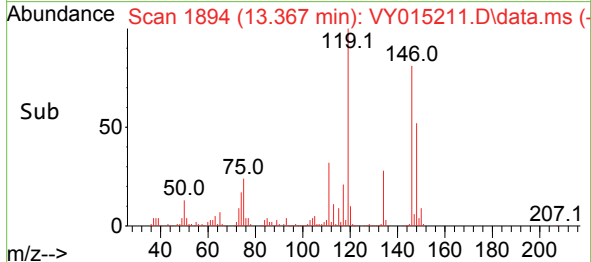
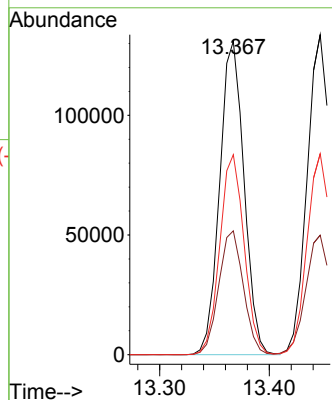
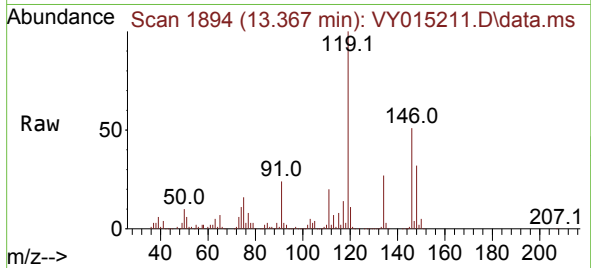




#87
1,3-Dichlorobenzene
Concen: 49.558 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

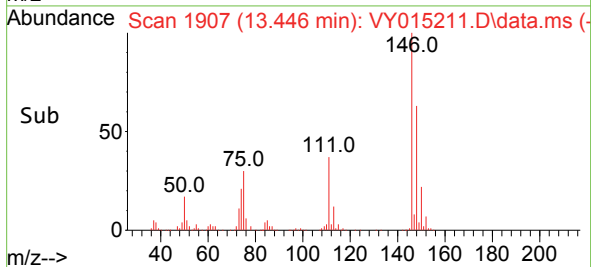
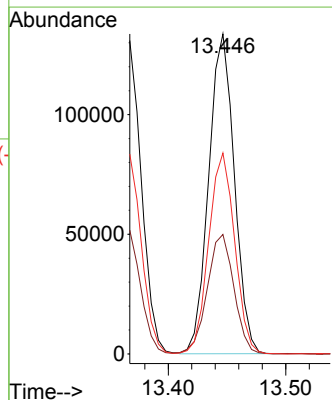
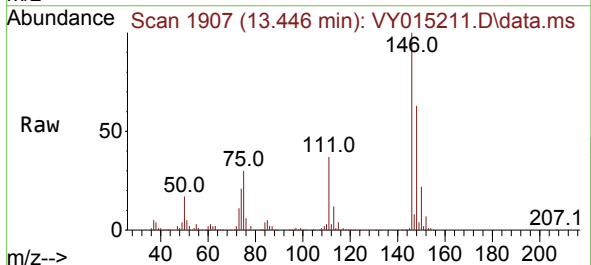
Instrument :
MSVOA_Y
ClientSampleId :

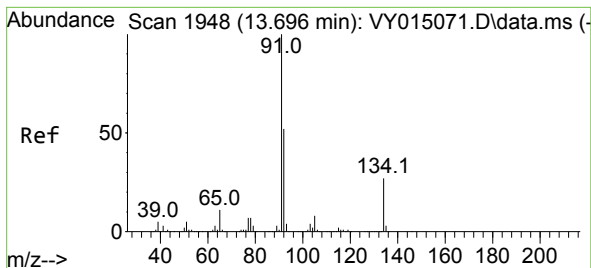
Tgt Ion:146 Resp: 202423
Ion Ratio Lower Upper
146 100
111 40.0 19.4 58.2
148 63.6 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 49.536 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY015211.D
Acq: 21 Aug 2023 09:14

Tgt Ion:146 Resp: 202938
Ion Ratio Lower Upper
146 100
111 38.8 18.9 56.7
148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 49.041 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

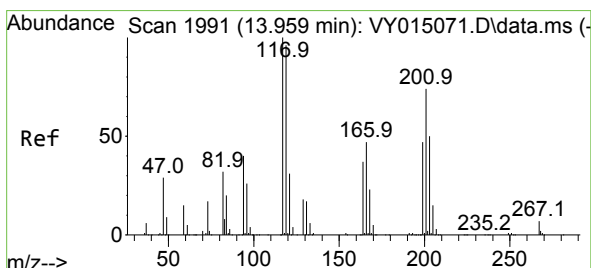
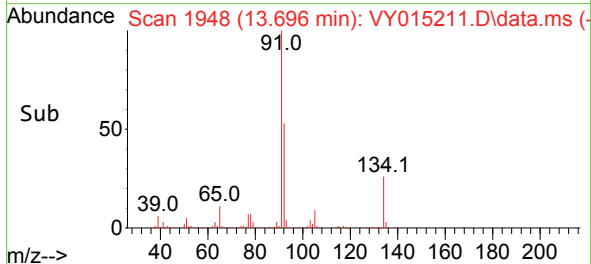
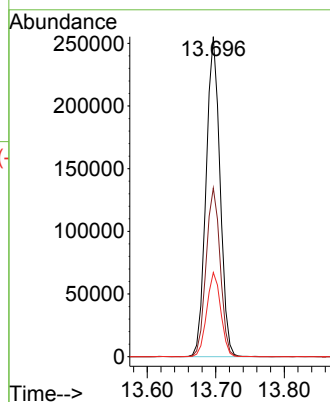
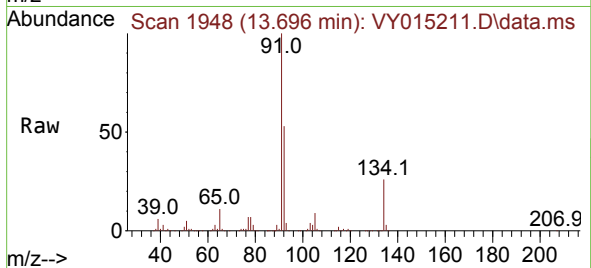
Tgt Ion: 91 Resp: 361817

Ion Ratio Lower Upper

91 100

92 53.4 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 48.166 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015211.D

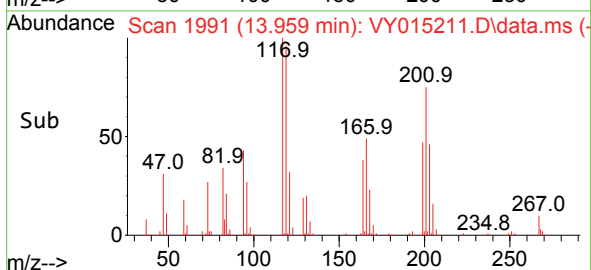
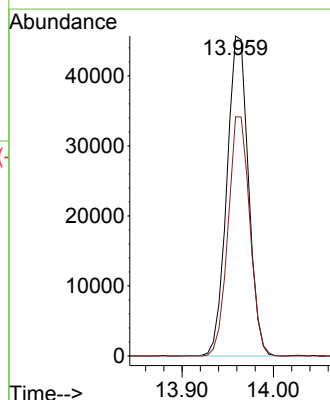
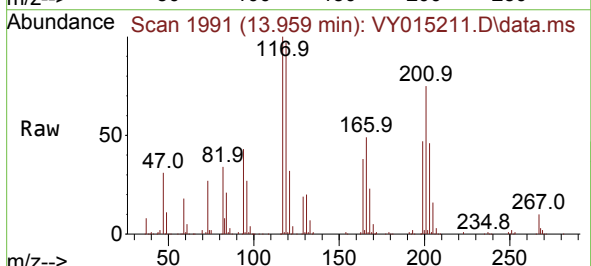
Acq: 21 Aug 2023 09:14

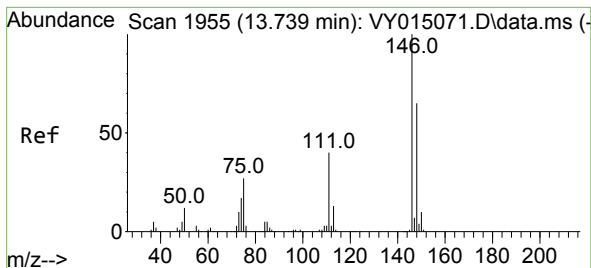
Tgt Ion: 117 Resp: 74770

Ion Ratio Lower Upper

117 100

201 75.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 49.888 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

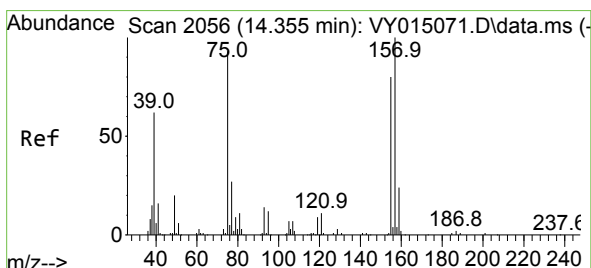
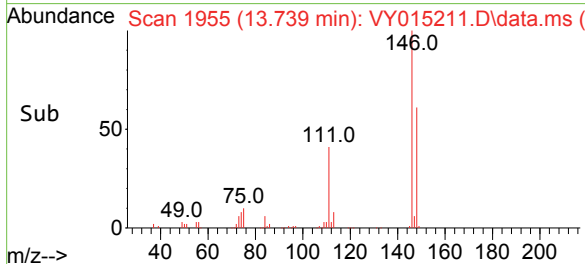
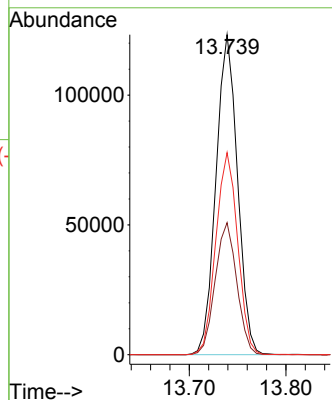
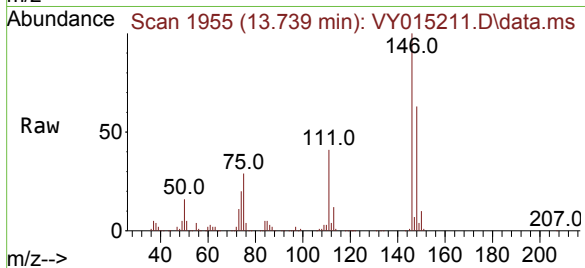
Tgt Ion:146 Resp: 190360

Ion Ratio Lower Upper

146 100

111 41.5 19.7 59.0

148 64.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.763 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

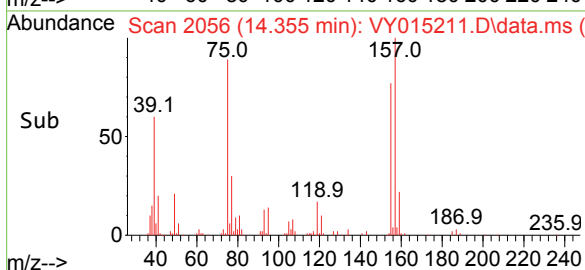
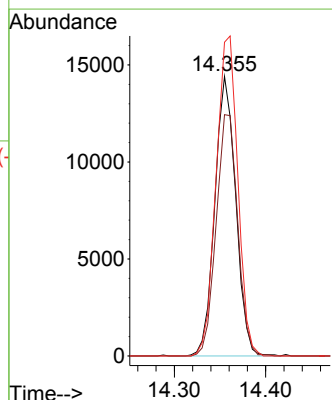
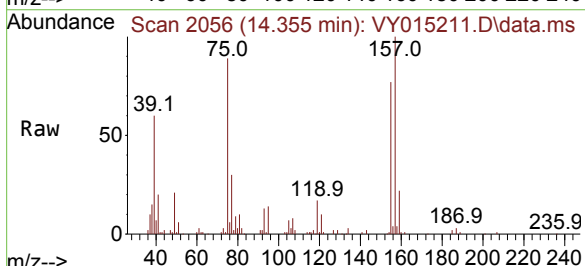
Tgt Ion: 75 Resp: 22916

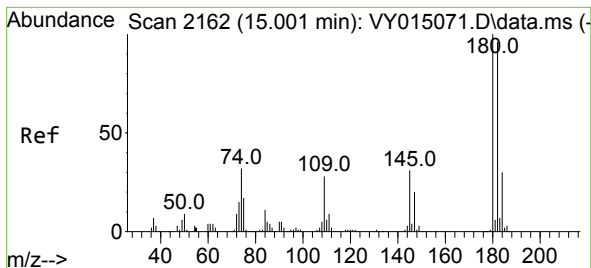
Ion Ratio Lower Upper

75 100

155 88.8 41.5 124.6

157 118.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.397 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

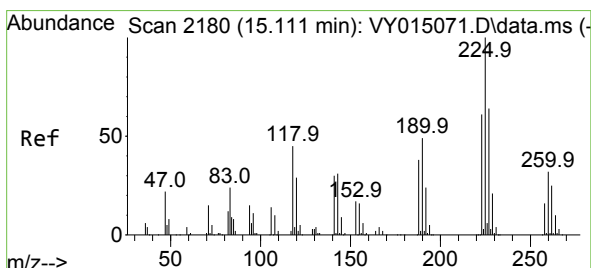
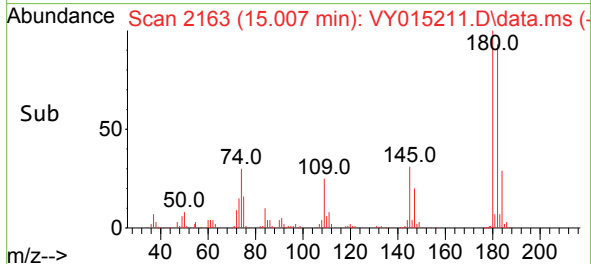
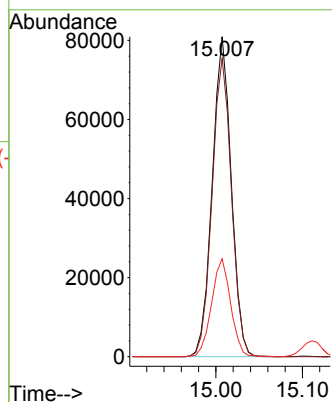
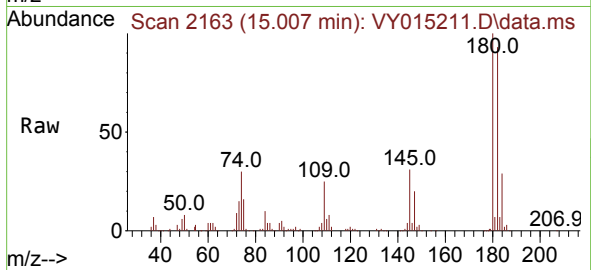
Tgt Ion:180 Resp: 123455

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 30.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 48.940 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

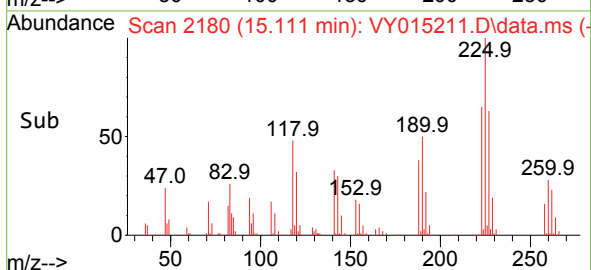
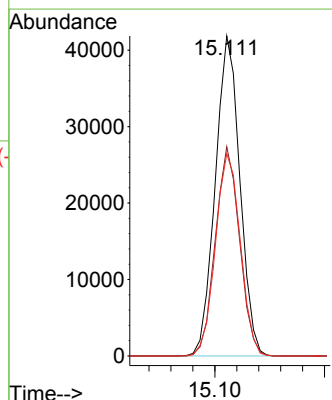
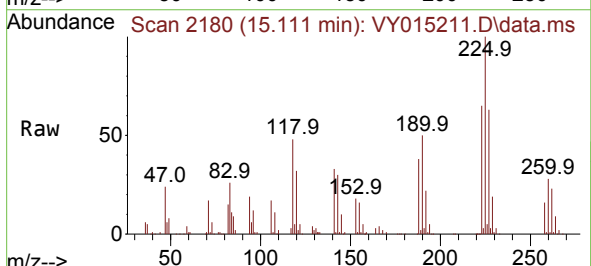
Tgt Ion:225 Resp: 65213

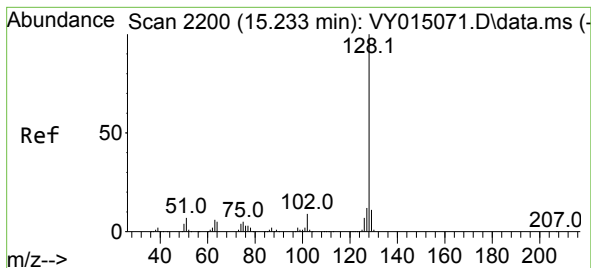
Ion Ratio Lower Upper

225 100

223 64.3 31.9 95.9

227 63.8 33.0 98.9





#95

Naphthalene

Concen: 51.657 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

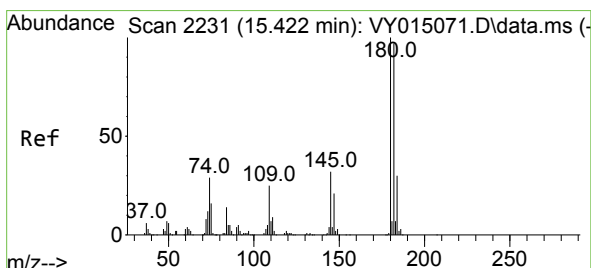
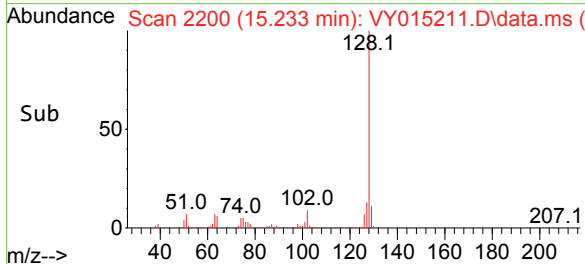
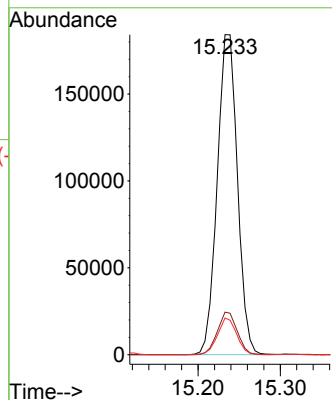
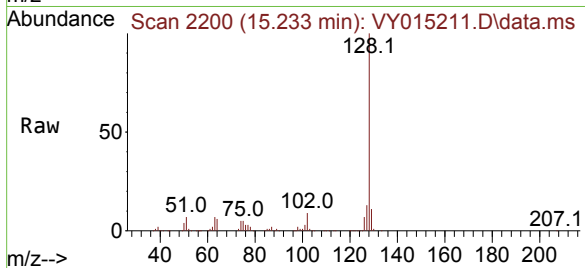
Tgt Ion:128 Resp: 315228

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.850 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015211.D

Acq: 21 Aug 2023 09:14

Tgt Ion:180 Resp: 112496

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.8

145 32.4 15.4 46.2

